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**\$317,000,000**

**Freddie Mac**

**STRUCTURED AGENCY CREDIT RISK (STACR®) REMIC 2023-HQA1 NOTES,  
FREDDIE MAC STACR REMIC TRUST 2023-HQA1**

Offered Notes: The Classes of Original Notes and Classes of MACR Notes shown below and on Table 1.  
Trust and Issuer: Freddie Mac STACR REMIC Trust 2023-HQA1  
Sponsor: Freddie Mac  
Indenture Trustee: Citibank, N.A.  
Owner Trustee: Wilmington Trust, National Association  
Closing Date: May 22, 2023

Note Classes	Original Class Principal Balance	Class Coupon	CUSIP Number	Scheduled Maturity Date	Expected Ratings (DBRS/Moody's) <sup>(1)</sup>	Price to Public	Initial Purchaser Fee <sup>(2)</sup>	Proceeds to Issuer
Class M-1A	\$127,000,000	(5)	(6)	May 2043	A (low) (sf)/A3 (sf)	100%	0.25%	100%
Class M-1B	127,000,000	(5)	(6)	May 2043	BBB (sf)/Baa3 (sf)	100%	0.25%	100%
Class M-2 <sup>(3)(4)</sup>	63,000,000	(5)	(6)	May 2043	BB (high) (sf)/Ba3 (sf)	100%	0.50%	100%

(1) See "Ratings" herein.

(2) See "Placement" herein.

(3) MACR Class.

(4) The Class M-2A and Class M-2B Notes may be exchanged for the Class M-2 Notes, and vice versa, pursuant to Combination 1 described in Table 2. On the Closing Date, the Class M-2A and Class M-2B Notes will be deemed to have been exchanged in whole or in part, as applicable, for the Class M-2 Notes. The original Class Principal Balance shown for the Class M-2 Notes above is its Maximum Class Principal Balance.

(5) See "Summary — Interest" herein.

(6) See Appendix F for a list of CUSIP numbers.

No person has been authorized to give any information or to make any representations other than those contained in this Memorandum, and, if given or made, such information or representations must not be relied upon. The delivery of this Memorandum at any time does not imply that the information herein is correct as of any time subsequent to its date.

The Notes are being offered and sold only (i) in the United States to "qualified institutional buyers," as such term is defined in Rule 144A under the Securities Act, and (ii) in "offshore transactions" to persons that are not "U.S. persons," as such terms are defined in, and in accordance with, Regulation S under the Securities Act.

The Notes are expected to be made eligible for trading in book-entry form through the Same-Day Funds Settlement System of DTC, which may include delivery through Clearstream and Euroclear, against payment therefor in immediately available funds.

**THE NOTES DO NOT REPRESENT INTERESTS IN OR OBLIGATIONS OF FREDDIE MAC, THE INDENTURE TRUSTEE, THE OWNER TRUSTEE, THE INITIAL PURCHASERS OR ANY OF THEIR RESPECTIVE AFFILIATES. THE NOTES ARE NOT INSURED OR GUARANTEED BY FREDDIE MAC, THE UNITED STATES GOVERNMENT OR ANY GOVERNMENTAL AGENCY OR INSTRUMENTALITY.**

Transfer of the Notes will be subject to certain restrictions as described herein.

The Trust intends to rely on the exemption from registration found at Section 2(b) of the Investment Company Act and has been structured with the intent that it will not constitute a "covered fund" for purposes of the Volcker Rule. See "Risk Factors — Risks Related to the Trust Assets — Risks Associated with Legislation and Regulation — Risks Associated with the Investment Company Act" and "General Risks — The Liquidity of the Notes May Be Limited — Legal and Regulatory Provisions Affecting Investors May Adversely Affect the Liquidity of Your Notes".

The information contained herein is confidential and may not be reproduced in whole or in part. We will, upon request, make available such other information as may be reasonably requested.

**The Structured Agency Credit Risk (STACR®) REMIC 2023-HQA1 Notes, including the Original Notes and the MACR Notes, are complex financial instruments and may not be suitable investments for you. You should consider carefully the risk factors described beginning on page 18 of this Memorandum. You should not purchase Notes unless you understand and are able to bear these and any other applicable risks. You should purchase Notes only if you understand the information contained in this Memorandum and the documents incorporated by reference in this Memorandum.**

**The Glossary of Significant Terms beginning on page 165 of this Memorandum sets forth definitions of certain defined terms appearing in this Memorandum.**

**Nomura**

Co-Lead Manager and Joint Bookrunner

**BofA Securities**

Co-Lead Manager and Joint Bookrunner

**Cantor**  
Co-Manager

**Citigroup**  
Co-Manager

**Morgan Stanley**  
Co-Manager

**StoneX Financial Inc.**  
Co-Manager

**Academy Securities**  
Selling Group Member

**Ramirez & Co., Inc.**  
Selling Group Member

The date of this Private Placement Memorandum is May 18, 2023

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TABLE 1

**Freddie Mac Structured Agency Credit Risk (STACR®)  
REMIC 2023-HQA1 Notes**

**\$317,000,000**

Class of Original Notes	Original Class Principal Balance <sup>(1)</sup>	Initial Class Coupon <sup>(2)</sup>	Class Coupon Formula <sup>(2)</sup>	Class Coupon Minimum Rate	CUSIP Number	Scheduled Maturity Date	Expected Ratings (DBRS/Moody's) <sup>(3)</sup>	Expected WAL (Years) <sup>(1)</sup>	Expected Principal Window (Months) <sup>(1)</sup>	Expected Initial Credit Enhancement
M-1A . . . . .	\$127,000,000	6.92280%	SOFR Rate + 2.00%	0%	<sup>(14)</sup>	May 2043	A (low) (sf)/A3 (sf)	1.05	1-26	3.000%
M-1B . . . . .	\$127,000,000	8.42280%	SOFR Rate + 3.50%	0%	<sup>(14)</sup>	May 2043	BBB (sf)/Baa3 (sf)	3.65	26-60	2.000%
M-2A <sup>(4)</sup> . . . . .	\$31,500,000	10.42280%	SOFR Rate + 5.50%	0%	<sup>(14)</sup>	May 2043	BBB (low) (sf)/Ba2 (sf)	5.01	60-60	1.750%
M-2B <sup>(4)</sup> . . . . .	\$31,500,000	10.42280%	SOFR Rate + 5.50%	0%	<sup>(14)</sup>	May 2043	BB (high) (sf)/Ba3 (sf)	5.01	60-60	1.500%
Class of MACR Notes	Maximum Class Principal Balance or Notional Principal Amount <sup>(1)</sup>	Initial Class Coupon <sup>(2)</sup>	Class Coupon Formula <sup>(2)</sup>	Class Coupon Minimum Rate	CUSIP Number	Scheduled Maturity Date	Expected Ratings (DBRS/Moody's) <sup>(3)</sup>	Expected WAL (Years) <sup>(1)</sup>	Expected Principal Window (Months) <sup>(1)</sup>	Expected Initial Credit Enhancement
M-2 <sup>(5)</sup> . . . . .	\$63,000,000	10.42280%	SOFR Rate + 5.50%	0%	<sup>(14)</sup>	May 2043	BB (high) (sf)/Ba3 (sf)	5.01	60-60	1.500%
M-2R <sup>(5)</sup> . . . . .	\$63,000,000	8.17280%	SOFR Rate + 3.25%	0%	<sup>(14)</sup>	May 2043	BB (high) (sf)/Ba3 (sf)	5.01	60-60	1.500%
M-2S <sup>(5)</sup> . . . . .	\$63,000,000	8.62280%	SOFR Rate + 3.70%	0%	<sup>(14)</sup>	May 2043	BB (high) (sf)/Ba3 (sf)	5.01	60-60	1.500%
M-2T <sup>(5)</sup> . . . . .	\$63,000,000	9.07280%	SOFR Rate + 4.15%	0%	<sup>(14)</sup>	May 2043	BB (high) (sf)/Ba3 (sf)	5.01	60-60	1.500%
M-2U <sup>(5)</sup> . . . . .	\$63,000,000	9.52280%	SOFR Rate + 4.60%	0%	<sup>(14)</sup>	May 2043	BB (high) (sf)/Ba3 (sf)	5.01	60-60	1.500%
M-2I <sup>(5)</sup> . . . . .	\$63,000,000 <sup>(6)</sup>	2.25000% <sup>(7)</sup>	N/A	0%	<sup>(14)</sup>	May 2043	BB (high) (sf)/Ba3 (sf)	5.01	N/A	1.500%
M-2AR <sup>(5)</sup> . . . . .	\$31,500,000	8.17280%	SOFR Rate + 3.25%	0%	<sup>(14)</sup>	May 2043	BBB (low) (sf)/Ba2 (sf)	5.01	60-60	1.750%
M-2AS <sup>(5)</sup> . . . . .	\$31,500,000	8.62280%	SOFR Rate + 3.70%	0%	<sup>(14)</sup>	May 2043	BBB (low) (sf)/Ba2 (sf)	5.01	60-60	1.750%
M-2AT <sup>(5)</sup> . . . . .	\$31,500,000	9.07280%	SOFR Rate + 4.15%	0%	<sup>(14)</sup>	May 2043	BBB (low) (sf)/Ba2 (sf)	5.01	60-60	1.750%
M-2AU <sup>(5)</sup> . . . . .	\$31,500,000	9.52280%	SOFR Rate + 4.60%	0%	<sup>(14)</sup>	May 2043	BBB (low) (sf)/Ba2 (sf)	5.01	60-60	1.750%
M-2AI <sup>(5)</sup> . . . . .	\$31,500,000 <sup>(6)</sup>	2.25000% <sup>(7)</sup>	N/A	0%	<sup>(14)</sup>	May 2043	BBB (low) (sf)/Ba2 (sf)	5.01	N/A	1.750%
M-2BR <sup>(5)</sup> . . . . .	\$31,500,000	8.17280%	SOFR Rate + 3.25%	0%	<sup>(14)</sup>	May 2043	BB (high) (sf)/Ba3 (sf)	5.01	60-60	1.500%
M-2BS <sup>(5)</sup> . . . . .	\$31,500,000	8.62280%	SOFR Rate + 3.70%	0%	<sup>(14)</sup>	May 2043	BB (high) (sf)/Ba3 (sf)	5.01	60-60	1.500%
M-2BT <sup>(5)</sup> . . . . .	\$31,500,000	9.07280%	SOFR Rate + 4.15%	0%	<sup>(14)</sup>	May 2043	BB (high) (sf)/Ba3 (sf)	5.01	60-60	1.500%
M-2BU <sup>(5)</sup> . . . . .	\$31,500,000	9.52280%	SOFR Rate + 4.60%	0%	<sup>(14)</sup>	May 2043	BB (high) (sf)/Ba3 (sf)	5.01	60-60	1.500%
M-2BI <sup>(5)</sup> . . . . .	\$31,500,000 <sup>(6)</sup>	2.25000% <sup>(7)</sup>	N/A	0%	<sup>(14)</sup>	May 2043	BB (high) (sf)/Ba3 (sf)	5.01	N/A	1.500%
M-2RB <sup>(5)</sup> . . . . .	\$31,500,000 <sup>(8)</sup>	12.67280%	<sup>(9)</sup>	0%	<sup>(14)</sup>	May 2043	BB (high) (sf)/Ba3 (sf)	5.01	60-60	1.500%
M-2SB <sup>(5)</sup> . . . . .	\$31,500,000 <sup>(8)</sup>	12.22280%	<sup>(9)</sup>	0%	<sup>(14)</sup>	May 2043	BB (high) (sf)/Ba3 (sf)	5.01	60-60	1.500%
M-2TB <sup>(5)</sup> . . . . .	\$31,500,000 <sup>(8)</sup>	11.77280%	<sup>(9)</sup>	0%	<sup>(14)</sup>	May 2043	BB (high) (sf)/Ba3 (sf)	5.01	60-60	1.500%
M-2UB <sup>(5)</sup> . . . . .	\$31,500,000 <sup>(8)</sup>	11.32280%	<sup>(9)</sup>	0%	<sup>(14)</sup>	May 2043	BB (high) (sf)/Ba3 (sf)	5.01	60-60	1.500%
Class of Reference Tranches		Initial Class Coupon <sup>(2)</sup>	Class Coupon Formula <sup>(2)</sup>	Class Coupon Minimum Rate						
B-1H <sup>(10)</sup> . . . . .		13.92280%	SOFR Rate + 9.00%	0%						
B-2H <sup>(10)</sup> . . . . .		15.92280%	SOFR Rate + 11.00%	0%						

Non-Offered Interest or Class	Expected Original Class Principal Balance or Notional Principal Amount <sup>(1)</sup>	Class Coupon Formula <sup>(2)</sup>	Expected Principal Window Months <sup>(1)</sup>
X-IO <sup>(11)</sup>	(12)	(13)	N/A
<p>(1) The Class Principal Balances and Notional Principal Amounts presented in this Memorandum are approximate. Expected weighted average lives and principal windows, as applicable, with respect to the Notes above are based on (i) the assumption that the Notes are redeemed on the Early Redemption Date occurring in May 2028 and (ii) certain Modeling Assumptions, including that prepayments occur at the Pricing Speed of 10% CPR, calculated from the Closing Date, no Credit Events occur, no Modification Events occur and the Notes pay on the 25th day of each calendar month beginning in June 2023. The balances shown for the MACR Notes represent the maximum original Class Principal Balances or Notional Principal Amounts of such Classes, as applicable.</p> <p>(2) Except with respect to the first Accrual Period, the Indenture Trustee will determine the SOFR Rate using the method described in the definition of “SOFR Rate” in the “Glossary of Significant Terms”. For the first Accrual Period, the SOFR Rate is 4.92280%. If a Benchmark Transition Event and its related Benchmark Replacement Date have occurred, the Administrator will determine an alternative Benchmark in accordance with the Benchmark Replacement provisions described under “Description of the Notes — Benchmark Replacement Provisions”.</p> <p>(3) See “Ratings” herein.</p> <p>(4) The Class M-2A Notes and Class M-2B Notes are Exchangeable Notes. The Holders of the Exchangeable Notes can exchange all or part of those Classes for proportionate interests in the related Class or Classes of MACR Notes, and vice versa, as further described in Table 2. In addition, certain Classes of MACR Notes can be further exchanged for other Classes of MACR Notes, as described in Table 2, and vice versa.</p> <p>(5) MACR Notes.</p> <p>(6) Notional Principal Amount.</p> <p>(7) The Interest Only MACR Notes will bear interest at fixed per annum rates. However, in the event that the SOFR Rate for any Accrual Period is less than zero, the Class Coupons of the Interest Only MACR Notes may be subject to downward adjustment such that the aggregate amount of interest payable to such MACR Notes and the other MACR Notes in the related Combinations would not exceed the aggregate Interest Payment Amount otherwise payable to the related Exchangeable Notes for which such Classes were exchanged (or related MACR Notes in the case of the related Combinations listed in Table 2).</p> <p>(8) Represents the maximum Class Principal Balance of the Class M-2RB Notes, Class M-2SB Notes, Class M-2TB Notes and Class M-2UB Notes; provided, however, if the outstanding Class Principal Balance of the Class M-2B Notes with respect to any Payment Date is reduced to zero and the Notional Principal Amount of the Class M-2AI Notes is greater than zero, then the Class M-2RB Notes, Class M-2SB Notes, Class M-2TB Notes and Class M-2UB Notes will no longer have a Class Principal Balance, but will instead have a Notional Principal Amount equal to the portion of the Class M-2AI Notes exchanged for such Class M-2RB Notes, Class M-2SB Notes, Class M-2TB Notes or Class M-2UB Notes, as applicable.</p> <p>(9) The Class Coupon for each of the Class M-2RB Notes, Class M-2SB Notes, Class M-2TB Notes and Class M-2UB Notes with respect to any Payment Date and the related Accrual Period will be a per annum rate equal to the product of (i) a fraction, the numerator of which is the aggregate Interest Payment Amount from the portions of the Class M-2B Notes and Class M-2AI Notes that were exchanged for such Class M-2RB Notes, Class M-2SB Notes, Class M-2TB Notes or Class M-2UB Notes, as applicable, and the denominator of which is (a) for so long as the Class Principal Balance of the Class M-2B Notes is greater than zero, the outstanding Class Principal Balance immediately prior to such Payment Date of such Class M-2RB Notes, Class M-2SB Notes, Class M-2TB Notes or Class M-2UB Notes, as applicable, or (b) for so long as the Class Principal Balance of the Class M-2B Notes is zero and the Notional Principal Amount of the Class M-2AI Notes is greater than zero, the outstanding Notional Principal Amount immediately prior to such Payment Date of the portions of the Class M-2AI Notes that were exchanged for such Class M-2RB Notes, Class M-2SB Notes, Class M-2TB Notes or Class M-2UB Notes, as applicable, and (ii) a fraction, the numerator of which is 360 and the denominator of which is the actual number of days in the related Accrual Period for such Class M-2RB Notes, Class M-2SB Notes, Class M-2TB Notes or Class M-2UB Notes, as applicable, for such Payment Date.</p> <p>(10) The Class B-1H Reference Tranche and the Class B-2H Reference Tranche are not Notes. They are deemed to bear interest at the Class Coupon shown solely for purposes of calculating allocations of any Modification Gain Amounts or Modification Loss Amounts.</p> <p>(11) The X-IO Interest will be an uncertificated interest issued by the Trust and held by us.</p> <p>(12) The X-IO Interest will have no principal balance.</p> <p>(13) The X-IO Interest will represent the entitlement on any Payment Date to the excess, if any, of (i) the amount payable in respect of the IO Q-REMIC Interest for such Payment Date over (ii) the Transfer Amount with respect to such Payment Date. The X-IO Interest will not be offered.</p> <p>(14) See Appendix F for a list of CUSIP numbers.</p>			

**TABLE 2**  
**AVAILABLE MODIFICATIONS AND COMBINATIONS**

Combination	Exchangeable or MACR Class	Original Class Principal Balance/ Notional Principal Amount	Exchange Proportions <sup>(1)</sup>	MACR Class	Maximum Class Principal Balance/ Notional Principal Amount	Exchange Proportions <sup>(1)</sup>	Interest Formula <sup>(2)</sup>	CUSIP Number	Expected Ratings (DBRS/Moody's)
1	M-2A M-2B	\$31,500,000 \$31,500,000	50% 50%	M-2	\$63,000,000	100%	SOFR Rate + 5.50%	<sup>(7)</sup>	BB (high) (sf)/Ba3 (sf)
2	M-2	\$63,000,000	100%	M-2R M-2I	\$63,000,000 \$63,000,000 <sup>(3)</sup>	100% 100%	SOFR Rate + 3.25% 2.25%	<sup>(7)</sup> <sup>(7)</sup>	BB (high) (sf)/Ba3 (sf) BB (high) (sf)/Ba3 (sf)
3	M-2	\$63,000,000	100%	M-2S M-2I	\$63,000,000 \$50,400,000 <sup>(3)</sup>	100% 80%	SOFR Rate + 3.70% 2.25%	<sup>(7)</sup> <sup>(7)</sup>	BB (high) (sf)/Ba3 (sf) BB (high) (sf)/Ba3 (sf)
4	M-2	\$63,000,000	100%	M-2T M-2I	\$63,000,000 \$37,800,000 <sup>(3)</sup>	100% 60%	SOFR Rate + 4.15% 2.25%	<sup>(7)</sup> <sup>(7)</sup>	BB (high) (sf)/Ba3 (sf) BB (high) (sf)/Ba3 (sf)
5	M-2	\$63,000,000	100%	M-2U M-2I	\$63,000,000 \$25,200,000 <sup>(3)</sup>	100% 40%	SOFR Rate + 4.60% 2.25%	<sup>(7)</sup> <sup>(7)</sup>	BB (high) (sf)/Ba3 (sf) BB (high) (sf)/Ba3 (sf)
6	M-2A	\$31,500,000	100%	M-2AR M-2AI	\$31,500,000 \$31,500,000 <sup>(3)</sup>	100% 100%	SOFR Rate + 3.25% 2.25%	<sup>(7)</sup> <sup>(7)</sup>	BBB (low) (sf)/Ba2 (sf) BBB (low) (sf)/Ba2 (sf)
7	M-2A	\$31,500,000	100%	M-2AS M-2AI	\$31,500,000 \$25,200,000 <sup>(3)</sup>	100% 80%	SOFR Rate + 3.70% 2.25%	<sup>(7)</sup> <sup>(7)</sup>	BBB (low) (sf)/Ba2 (sf) BBB (low) (sf)/Ba2 (sf)
8	M-2A	\$31,500,000	100%	M-2AT M-2AI	\$31,500,000 \$18,900,000 <sup>(3)</sup>	100% 60%	SOFR Rate + 4.15% 2.25%	<sup>(7)</sup> <sup>(7)</sup>	BBB (low) (sf)/Ba2 (sf) BBB (low) (sf)/Ba2 (sf)
9	M-2A	\$31,500,000	100%	M-2AU M-2AI	\$31,500,000 \$12,600,000 <sup>(3)</sup>	100% 40%	SOFR Rate + 4.60% 2.25%	<sup>(7)</sup> <sup>(7)</sup>	BBB (low) (sf)/Ba2 (sf) BBB (low) (sf)/Ba2 (sf)
10	M-2B	\$31,500,000	100%	M-2BR M-2BI	\$31,500,000 \$31,500,000 <sup>(3)</sup>	100% 100%	SOFR Rate + 3.25% 2.25%	<sup>(7)</sup> <sup>(7)</sup>	BB (high) (sf)/Ba3 (sf) BB (high) (sf)/Ba3 (sf)
11	M-2B	\$31,500,000	100%	M-2BS M-2BI	\$31,500,000 \$25,200,000 <sup>(3)</sup>	100% 80%	SOFR Rate + 3.70% 2.25%	<sup>(7)</sup> <sup>(7)</sup>	BB (high) (sf)/Ba3 (sf) BB (high) (sf)/Ba3 (sf)
12	M-2B	\$31,500,000	100%	M-2BT M-2BI	\$31,500,000 \$18,900,000 <sup>(3)</sup>	100% 60%	SOFR Rate + 4.15% 2.25%	<sup>(7)</sup> <sup>(7)</sup>	BB (high) (sf)/Ba3 (sf) BB (high) (sf)/Ba3 (sf)
13	M-2B	\$31,500,000	100%	M-2BU M-2BI	\$31,500,000 \$12,600,000 <sup>(3)</sup>	100% 40%	SOFR Rate + 4.60% 2.25%	<sup>(7)</sup> <sup>(7)</sup>	BB (high) (sf)/Ba3 (sf) BB (high) (sf)/Ba3 (sf)
14	M-2B M-2AI	\$31,500,000 \$31,500,000 <sup>(3)</sup>	100% <sup>(5)</sup>	M-2RB	\$31,500,000 <sup>(4)</sup>	100%	<sup>(6)</sup>	<sup>(7)</sup>	BB (high) (sf)/Ba3 (sf)
15	M-2B M-2AI	\$31,500,000 \$25,200,000 <sup>(3)</sup>	100% <sup>(5)</sup>	M-2SB	\$31,500,000 <sup>(4)</sup>	100%	<sup>(6)</sup>	<sup>(7)</sup>	BB (high) (sf)/Ba3 (sf)
16	M-2B M-2AI	\$31,500,000 \$18,900,000 <sup>(3)</sup>	100% <sup>(5)</sup>	M-2TB	\$31,500,000 <sup>(4)</sup>	100%	<sup>(6)</sup>	<sup>(7)</sup>	BB (high) (sf)/Ba3 (sf)
17	M-2B M-2AI	\$31,500,000 \$12,600,000 <sup>(3)</sup>	100% <sup>(5)</sup>	M-2UB	\$31,500,000 <sup>(4)</sup>	100%	<sup>(6)</sup>	<sup>(7)</sup>	BB (high) (sf)/Ba3 (sf)

- (1) Exchange proportions are constant proportions of the original Class Principal Balances (or *original* Notional Principal Amounts, if applicable) of the Exchangeable Classes or MACR Classes, as applicable. In accordance with the exchange proportions, you may exchange the Exchangeable Notes for MACR Notes, and vice versa. In addition, in the case of Combinations 2, 3, 4 and 5, in accordance with the exchange proportions, the indicated MACR Notes may further be exchanged for other MACR Notes, and vice versa. In addition, in the case of Combinations 14, 15, 16 and 17, in accordance with the exchange proportions, the indicated MACR Notes and Exchangeable Notes may be further exchanged for other MACR Notes, and vice versa.
- (2) In the event that the SOFR Rate for any Accrual Period is less than zero, the Class Coupons of the Interest Only MACR Notes may be subject to downward adjustment such that the aggregate amount of interest payable to such MACR Notes and the other MACR Notes in the related Combinations would not exceed the aggregate Interest Payment Amount otherwise payable to the related Exchangeable Notes for which such Classes were exchanged (or related MACR Notes in the case of the related Combinations listed in Table 2).
- (3) Notional Principal Amount.
- (4) Represents the maximum Class Principal Balance of the Class M-2RB Notes, Class M-2SB Notes, Class M-2TB Notes and Class M-2UB Notes; provided, however, if the outstanding Class Principal Balance of the Class M-2B Notes with respect to any Payment Date is reduced to zero and the Notional Principal Amount of the Class M-2AI Notes is greater than zero, then the Class M-2RB Notes, Class M-2SB Notes, Class M-2TB Notes and Class M-2UB Notes will no longer have a Class Principal Balance, but will instead have a Notional Principal Amount equal to the portion of the Class M-2AI Notes exchanged for such Class M-2RB Notes, Class M-2SB Notes, Class M-2TB Notes or Class M-2UB Notes, as applicable.
- (5) The Notional Principal Amount of the MACR Class being exchanged equals the proportionate interest of the original Class Principal Balance of the Exchangeable Class (for the avoidance of doubt, the Class M-2B Notes) being exchanged in such Combination.
- (6) The Class Coupon for each of the Class M-2RB Notes, Class M-2SB Notes, Class M-2TB Notes and Class M-2UB Notes with respect to any Payment Date and the related Accrual Period will be a per annum rate equal to the product of (i) a fraction, the numerator of which is the aggregate Interest Payment Amount from the portions of the Class M-2B Notes and Class M-2AI Notes that were exchanged for such Class M-2RB Notes, Class M-2SB Notes, Class M-2TB Notes or Class M-2UB Notes, as applicable, and the denominator of which is (a) for so long as the Class Principal Balance of the Class M-2B Notes is greater than zero, the outstanding Class Principal Balance immediately prior to such Payment Date of such Class M-2RB Notes, Class M-2SB Notes, Class M-2TB Notes or Class M-2UB Notes, as applicable, or (b) for so long as the Class Principal Balance of the Class M-2B Notes is zero and the Notional Principal Amount of the Class M-2AI Notes is greater than zero, the outstanding Notional Principal Amount immediately prior to such Payment Date of the portions of the Class M-2AI Notes that were exchanged for such Class M-2RB Notes, Class M-2SB Notes, Class M-2TB Notes or Class M-2UB Notes, as applicable, and (ii) a fraction, the numerator of which is 360 and the denominator of which is the actual number of days in the related Accrual Period for such Class M-2RB Notes, Class M-2SB Notes, Class M-2TB Notes or Class M-2UB Notes, as applicable, for such Payment Date.
- (7) See Appendix F for a list of CUSIP numbers.

## **Exchange Procedures**

### ***Notice***

Any Holder wishing to exchange Notes must notify the Exchange Administrator by email at [ctssfexchanges@citi.com](mailto:ctssfexchanges@citi.com) no later than two Business Days before the proposed exchange date. The exchange date with respect to any exchange can be any Business Day other than the first or last Business Day of the month, the Payment Date, the Record Date related to the next Payment Date or the Business Day following such Record Date. A notice becomes irrevocable on the second Business Day before the proposed exchange date.

### ***Exchange Fee***

Except with respect to any deemed exchange on the Closing Date, the Holder must pay the Exchange Administrator a fee equal to \$5,000 for each exchange request and such fee must be received by the Exchange Administrator prior to the exchange date or such exchange will not be effected. In addition, any Holder wishing to effect such an exchange must pay any other expenses related to such exchange, including any fees charged by DTC.

### ***Payment Date***

The Indenture Trustee will make the first payment on any Exchangeable Note or MACR Note received by a Holder in an exchange transaction on the Payment Date related to the next Record Date following the exchange; provided, however, that with respect to any deemed exchanges on the Closing Date, the first payment on any Notes received with respect to such deemed exchanges will be on the Payment Date occurring in June 2023.

THIS MEMORANDUM CONTAINS SUBSTANTIAL INFORMATION ABOUT THE NOTES AND THE OBLIGATIONS OF US, THE TRUST, THE EXCHANGE ADMINISTRATOR, THE INDENTURE TRUSTEE, THE OWNER TRUSTEE AND THE INITIAL PURCHASERS WITH RESPECT TO THE NOTES. YOU ARE URGED TO REVIEW THIS MEMORANDUM IN ITS ENTIRETY. THE OBLIGATIONS OF THE PARTIES WITH RESPECT TO THE TRANSACTIONS CONTEMPLATED HEREIN ARE SET FORTH IN AND WILL BE GOVERNED BY CERTAIN DOCUMENTS DESCRIBED HEREIN.

YOU ARE NOT TO CONSTRUE THE CONTENTS OF THIS MEMORANDUM OR ANY PRIOR OR SUBSEQUENT COMMUNICATIONS FROM US, THE EXCHANGE ADMINISTRATOR, THE INDENTURE TRUSTEE, THE OWNER TRUSTEE OR THE INITIAL PURCHASERS OR ANY OF THEIR RESPECTIVE OFFICERS, EMPLOYEES OR AGENTS AS INVESTMENT, LEGAL, ACCOUNTING OR TAX ADVICE. PRIOR TO INVESTING IN THE NOTES YOU SHOULD CONSULT WITH YOUR LEGAL, ACCOUNTING, REGULATORY AND TAX ADVISORS TO DETERMINE THE CONSEQUENCES OF AN INVESTMENT IN THE NOTES AND ARRIVE AT AN INDEPENDENT EVALUATION OF SUCH INVESTMENT, INCLUDING THE RISKS RELATED THERETO.

NO PERSON HAS BEEN AUTHORIZED TO GIVE ANY INFORMATION OR TO MAKE ANY REPRESENTATIONS OTHER THAN THOSE CONTAINED IN THIS MEMORANDUM. THIS MEMORANDUM DOES NOT CONSTITUTE AN OFFER TO SELL OR A SOLICITATION OF AN OFFER TO BUY ANY SECURITIES OTHER THAN THE NOTES. THIS MEMORANDUM SHALL NOT CONSTITUTE AN OFFER TO SELL OR THE SOLICITATION OF AN OFFER TO BUY, NOR SHALL THERE BE ANY SALE OF THE NOTES, IN ANY STATE OR OTHER JURISDICTION IN WHICH SUCH OFFER, SOLICITATION OR SALE WOULD BE UNLAWFUL PRIOR TO REGISTRATION OR QUALIFICATION UNDER THE SECURITIES LAWS OF SUCH STATE OR OTHER JURISDICTION. THE DELIVERY OF THIS MEMORANDUM AT ANY TIME DOES NOT IMPLY THAT INFORMATION HEREIN IS CORRECT AS OF ANY TIME SUBSEQUENT TO THE DATE OF THIS MEMORANDUM OR THE EARLIER DATES SPECIFIED HEREIN, AS APPLICABLE.

THIS MEMORANDUM HAS BEEN PREPARED BY US. NO OTHER PARTY MAKES ANY REPRESENTATIONS OR WARRANTIES AS TO THE ACCURACY OR COMPLETENESS OF THE INFORMATION CONTAINED IN THIS MEMORANDUM. NOTHING HEREIN SHALL BE DEEMED TO CONSTITUTE A REPRESENTATION OR WARRANTY BY ANY PARTY NOR A PROMISE OR REPRESENTATION AS TO THE FUTURE PERFORMANCE OF THE RELATED MORTGAGE LOANS OR THE NOTES. IN THIS MEMORANDUM, THE TERMS “WE”, “US” AND “OUR” REFER TO FREDDIE MAC.

IT IS EXPECTED THAT INVESTORS INTERESTED IN PARTICIPATING IN THIS PRIVATE PLACEMENT WILL CONDUCT AN INDEPENDENT INVESTIGATION OF THE RISKS POSED BY AN INVESTMENT IN THE NOTES. OUR REPRESENTATIVES WILL BE AVAILABLE TO ANSWER QUESTIONS CONCERNING THE TRANSACTION AND WILL, UPON REQUEST, MAKE AVAILABLE SUCH ADDITIONAL INFORMATION AS INVESTORS MAY REASONABLY REQUEST (TO THE EXTENT WE HAVE OR CAN ACQUIRE SUCH INFORMATION WITHOUT UNREASONABLE EFFORT OR EXPENSE) IN ORDER TO VERIFY THE INFORMATION FURNISHED IN THIS MEMORANDUM.

THE NOTES ARE NOT “MORTGAGE RELATED SECURITIES” FOR PURPOSES OF SMMEA. ACCORDINGLY, THE APPROPRIATE CHARACTERIZATION OF THE NOTES UNDER VARIOUS LEGAL INVESTMENT RESTRICTIONS, AND THUS THE ABILITY OF INVESTORS SUBJECT TO THESE RESTRICTIONS TO PURCHASE THE NOTES, IS SUBJECT TO SIGNIFICANT INTERPRETIVE UNCERTAINTIES. INVESTORS WHOSE INVESTMENT AUTHORITY IS SUBJECT TO LEGAL RESTRICTIONS SHOULD CONSULT THEIR OWN LEGAL ADVISORS TO DETERMINE WHETHER AND TO WHAT EXTENT THE NOTES CONSTITUTE LEGAL INVESTMENTS FOR THEM.

THE NOTES ARE BEING OFFERED AS A PRIVATE PLACEMENT TO, AND MAY BE SOLD ONLY (I) IN THE UNITED STATES TO QUALIFIED INSTITUTIONAL BUYERS WITHIN THE MEANING OF RULE 144A UNDER THE SECURITIES ACT AND (II) IN “OFFSHORE TRANSACTIONS” TO PERSONS WHO ARE NOT “U.S. PERSONS,” AS SUCH TERMS ARE DEFINED IN, AND IN ACCORDANCE WITH, REGULATION S UNDER THE SECURITIES ACT. THE NOTES WILL NOT BE REGISTERED UNDER

THE SECURITIES ACT OR THE SECURITIES LAWS OF ANY STATE. INVESTORS SHOULD CONSULT WITH THEIR COUNSEL AS TO THE APPLICABLE REQUIREMENTS FOR A PURCHASER TO AVAIL ITSELF OF ANY EXEMPTION UNDER THE SECURITIES ACT AND SUCH STATE LAWS. NONE OF THE TRUST, FREDDIE MAC, THE INITIAL PURCHASERS OR ANY OTHER PARTY IS OBLIGATED OR INTENDS TO REGISTER THE NOTES UNDER THE SECURITIES ACT, TO QUALIFY THE NOTES UNDER THE SECURITIES LAWS OF ANY STATE OR TO PROVIDE REGISTRATION RIGHTS TO ANY PURCHASER. FOR FURTHER DISCUSSION OF LIMITATIONS ON THE TRANSFERABILITY OF THE NOTES, SEE *“RISK FACTORS — GENERAL RISKS — THE LIQUIDITY OF THE NOTES MAY BE LIMITED — TRANSFER RESTRICTIONS APPLICABLE TO THE NOTES MAY LIMIT LIQUIDITY”* HEREIN.

The Notes are expected to be issued in book-entry form only on the book-entry system of DTC. The Notes are being offered as a private placement, and may be sold or transferred only (i) in the United States to “qualified institutional buyers” within the meaning of Rule 144A under the Securities Act or (ii) in “offshore transactions” to persons who are not “U.S. persons,” as such terms are defined in, and in accordance with, Regulation S under the Securities Act. Any holder or proposed transferee will be deemed to have represented and agreed to the transfer and ownership restrictions described herein. The Notes will bear legends consistent with the restrictions described above and under “Notice to Investors” in this Memorandum.



### **IMPORTANT NOTICE REGARDING THE NOTES**

EACH INITIAL PURCHASER'S OBLIGATION TO SELL NOTES TO ANY PROSPECTIVE INVESTOR IS CONDITIONED ON THE NOTES AND THE TRANSACTION HAVING THE CHARACTERISTICS DESCRIBED IN THIS MEMORANDUM. IF WE, THE INDENTURE TRUSTEE, THE TRUST OR AN INITIAL PURCHASER DETERMINES THAT A CONDITION IS NOT SATISFIED IN ANY MATERIAL RESPECT, YOU WILL BE NOTIFIED, AND NEITHER THE TRUST NOR THE INITIAL PURCHASERS WILL HAVE ANY OBLIGATION TO YOU TO DELIVER ANY PORTION OF THE NOTES WHICH YOU HAVE COMMITTED TO PURCHASE, AND THERE WILL BE NO LIABILITY BETWEEN THE INITIAL PURCHASERS OR ANY OF THEIR RESPECTIVE AGENTS OR AFFILIATES, ON THE ONE HAND, AND YOU, ON THE OTHER HAND, AS A CONSEQUENCE OF THE NON-DELIVERY.

TO THE EXTENT THAT YOU CHOOSE TO UTILIZE THIRD PARTY PREDICTIVE MODELS IN CONNECTION WITH CONSIDERING AN INVESTMENT IN THE NOTES, NEITHER WE NOR THE INITIAL PURCHASERS MAKE ANY REPRESENTATION OR WARRANTY REGARDING THE ACCURACY, COMPLETENESS OR APPROPRIATENESS OF ANY INFORMATION OR REPORTS GENERATED BY SUCH MODELS, INCLUDING, WITHOUT LIMITATION, WHETHER THE NOTES, OR THE RELATED REFERENCE OBLIGATIONS WILL PERFORM IN A MANNER CONSISTENT THEREWITH.

### **SECTION 309B(1)(C) OF THE SECURITIES AND FUTURES ACT (CHAPTER 289) OF SINGAPORE NOTIFICATION**

THE NOTES ARE CAPITAL MARKETS PRODUCTS OTHER THAN PRESCRIBED CAPITAL MARKETS PRODUCTS (AS DEFINED IN THE SECURITIES AND FUTURES (CAPITAL MARKETS PRODUCTS) REGULATIONS 2018 OF SINGAPORE) AND SPECIFIED INVESTMENT PRODUCTS (AS DEFINED IN MAS NOTICE SFA 04-N12: NOTICE ON THE SALE OF INVESTMENT PRODUCTS AND MAS NOTICE FAA-N16: NOTICE ON RECOMMENDATIONS ON INVESTMENT PRODUCTS).

## **IMPORTANT NOTICE ABOUT INFORMATION PRESENTED IN THIS MEMORANDUM**

THE INFORMATION CONTAINED IN THIS MEMORANDUM MAY BE BASED ON ASSUMPTIONS REGARDING MARKET CONDITIONS AND OTHER MATTERS AS REFLECTED HEREIN. NO REPRESENTATION IS MADE REGARDING THE REASONABLENESS OF SUCH ASSUMPTIONS OR THE LIKELIHOOD THAT ANY SUCH ASSUMPTIONS WILL COINCIDE WITH ACTUAL MARKET CONDITIONS OR EVENTS, AND THIS MEMORANDUM SHOULD NOT BE RELIED UPON FOR SUCH PURPOSES. THE INITIAL PURCHASERS AND THEIR RESPECTIVE AFFILIATES, OFFICERS, DIRECTORS, PARTNERS AND EMPLOYEES, INCLUDING PERSONS INVOLVED IN THE PREPARATION OR ISSUANCE OF THIS MEMORANDUM, MAY FROM TIME TO TIME HAVE LONG OR SHORT POSITIONS IN, AND BUY AND SELL, THE SECURITIES MENTIONED HEREIN OR DERIVATIVES THEREOF (INCLUDING OPTIONS). IN ADDITION, THE INITIAL PURCHASERS AND THEIR RESPECTIVE AFFILIATES, OFFICERS, DIRECTORS, PARTNERS AND EMPLOYEES, INCLUDING PERSONS INVOLVED IN THE PREPARATION OR ISSUANCE OF THIS MEMORANDUM, MAY HAVE AN INVESTMENT OR COMMERCIAL BANKING RELATIONSHIP WITH US. SEE “*RISK FACTORS — RISKS RELATED TO THE TRANSACTION PARTIES — THE INTERESTS OF THE TRANSACTION PARTIES AND OTHERS MAY CONFLICT WITH AND BE ADVERSE TO THE INTERESTS OF THE NOTEHOLDERS — POTENTIAL CONFLICTS OF INTEREST OF THE INITIAL PURCHASERS AND THEIR AFFILIATES*”. THE NOTES MAY NOT BE SUITABLE FOR ALL PROSPECTIVE INVESTORS.

## **EU SECURITIZATION REGULATION AND UK SECURITIZATION REGULATION**

In connection with the Due Diligence Requirements, we will undertake in the Securitization Regulation Agreement that among other things we (i) will retain on an ongoing basis a material net economic interest in the transaction constituted by the issuance of the Notes of not less than 5% in the form specified in Article 6(3)(a) of the Securitization Regulations; (ii) will not sell, hedge or otherwise enter into any credit risk mitigation, short position or any other credit risk hedge with respect to the Retained Interest or the Reference Obligations, except to the extent permitted in accordance with Article 6 of the Securitization Regulations; and (iii) will provide on a monthly basis loan-level disclosure in respect of the Reference Obligations in the form of the reporting template set out in Annex 2 (Underlying Exposures – Residential Real Estate) to Commission Delegated Regulation (EU) 2020/1224 that applies for the purpose of the EU Transparency Requirements, as such reporting template is published on the website of the European Securities and Markets Authority as of the date of this Memorandum. You are required to independently assess and determine the sufficiency for the purposes of complying with the Due Diligence Requirements of the information described under “*Securitization Regulation Agreement*” and in this Memorandum generally. See “*Securitization Regulation Agreement*” and “*Risk Factors — Risks Related to the Notes Being Linked to the Reference Pool — Applicability of Federal, State and Local Laws — Legislative or Regulatory Actions Could Adversely Affect Our Business Activities and the Reference Pool*”.

## **NOTICE TO INVESTORS IN THE EUROPEAN ECONOMIC AREA**

### **PROHIBITION ON SALES TO EEA RETAIL INVESTORS**

THIS MEMORANDUM IS NOT A PROSPECTUS FOR THE PURPOSES OF THE EU PROSPECTUS REGULATION (AS DEFINED BELOW).

THE NOTES ARE NOT INTENDED TO BE OFFERED, SOLD OR OTHERWISE MADE AVAILABLE TO AND SHOULD NOT BE OFFERED, SOLD OR OTHERWISE MADE AVAILABLE TO ANY EEA RETAIL INVESTOR IN THE EUROPEAN ECONOMIC AREA (THE “EEA”). FOR THESE PURPOSES, AN “EEA RETAIL INVESTOR” MEANS A PERSON WHO IS ONE (OR MORE) OF THE FOLLOWING:

- (I) A RETAIL CLIENT AS DEFINED IN POINT (11) OF ARTICLE 4(1) OF DIRECTIVE 2014/65/EU (AS AMENDED, “MIFID II”); OR

- (II) A CUSTOMER WITHIN THE MEANING OF DIRECTIVE (EU) 2016/97, WHERE THAT CUSTOMER WOULD NOT QUALIFY AS A PROFESSIONAL CLIENT AS DEFINED IN POINT (10) OF ARTICLE 4(1) OF MIFID II; OR
- (III) NOT A QUALIFIED INVESTOR AS DEFINED IN ARTICLE 2 OF REGULATION (EU) 2017/1129 (AS AMENDED, THE “EU PROSPECTUS REGULATION”).

CONSEQUENTLY, NO KEY INFORMATION DOCUMENT REQUIRED BY REGULATION (EU) NO. 1286/2014 (AS AMENDED, THE “EU PRIIPS REGULATION”) FOR OFFERING OR SELLING THE NOTES OR OTHERWISE MAKING THEM AVAILABLE TO EEA RETAIL INVESTORS IN THE EEA HAS BEEN PREPARED AND THEREFORE OFFERING OR SELLING THE NOTES OR OTHERWISE MAKING THEM AVAILABLE TO ANY EEA RETAIL INVESTOR IN THE EEA MAY BE UNLAWFUL UNDER THE EEA PRIIPS REGULATION.

## **MIFID II PRODUCT GOVERNANCE**

ANY DISTRIBUTOR SUBJECT TO MIFID II THAT IS OFFERING, SELLING OR RECOMMENDING THE NOTES IS RESPONSIBLE FOR UNDERTAKING ITS OWN TARGET MARKET ASSESSMENT IN RESPECT OF THE NOTES AND DETERMINING ITS OWN DISTRIBUTION CHANNELS FOR THE PURPOSES OF THE MIFID II PRODUCT GOVERNANCE RULES UNDER COMMISSION DELEGATED DIRECTIVE (EU) 2017/593 (AS AMENDED, THE “DELEGATED DIRECTIVE”). NONE OF THE TRUST, THE SPONSOR OR ANY OF THE INITIAL PURCHASERS MAKES ANY REPRESENTATIONS OR WARRANTIES AS TO A DISTRIBUTOR’S COMPLIANCE WITH THE DELEGATED DIRECTIVE.

## **NOTICE TO INVESTORS IN THE UNITED KINGDOM**

### **PROHIBITION ON SALES TO UK RETAIL INVESTORS**

THE NOTES ARE NOT INTENDED TO BE OFFERED, SOLD OR OTHERWISE MADE AVAILABLE TO AND SHOULD NOT BE OFFERED, SOLD OR OTHERWISE MADE AVAILABLE TO ANY UK RETAIL INVESTOR IN THE UNITED KINGDOM (THE “UK”). FOR THESE PURPOSES, A “UK RETAIL INVESTOR” MEANS A PERSON WHO IS ONE (OR MORE) OF THE FOLLOWING:

- (I) A RETAIL CLIENT AS DEFINED IN POINT (8) OF ARTICLE 2 OF REGULATION (EU) 2017/565 AS IT FORMS PART OF UK DOMESTIC LAW BY VIRTUE OF THE EUROPEAN UNION (WITHDRAWAL) ACT 2018 (AS AMENDED, THE “EUWA”); OR
- (II) A CUSTOMER WITHIN THE MEANING OF THE PROVISIONS OF THE FINANCIAL SERVICES AND MARKETS ACT 2000 (AS AMENDED, THE “FSMA”) AND ANY RULES OR REGULATIONS MADE UNDER THE FSMA TO IMPLEMENT DIRECTIVE (EU) 2016/97, WHERE THAT CUSTOMER WOULD NOT QUALIFY AS A PROFESSIONAL CLIENT, AS DEFINED IN POINT (8) OF ARTICLE 2(1) OF REGULATION (EU) NO. 600/2014 AS IT FORMS PART OF UK DOMESTIC LAW BY VIRTUE OF THE EUWA; OR
- (III) NOT A QUALIFIED INVESTOR AS DEFINED IN ARTICLE 2 OF REGULATION (EU) 2017/1129 AS IT FORMS PART OF UK DOMESTIC LAW BY VIRTUE OF THE EUWA.

CONSEQUENTLY, NO KEY INFORMATION DOCUMENT REQUIRED BY REGULATION (EU) NO. 1286/2014 AS IT FORMS PART OF UK DOMESTIC LAW (AS AMENDED, THE “UK PRIIPS REGULATION”) FOR OFFERING OR SELLING THE NOTES OR OTHERWISE MAKING THEM AVAILABLE TO UK RETAIL INVESTORS IN THE UK HAS BEEN PREPARED AND THEREFORE OFFERING OR SELLING THE NOTES OR OTHERWISE MAKING THEM AVAILABLE TO ANY UK RETAIL INVESTOR IN THE UK MAY BE UNLAWFUL UNDER THE UK PRIIPS REGULATION.

## **FINANCIAL PROMOTION REGIME AND PROMOTION OF COLLECTIVE INVESTMENT SCHEMES REGIME**

THE TRUST MAY CONSTITUTE A “COLLECTIVE INVESTMENT SCHEME” AS DEFINED BY SECTION 235 OF THE FSMA THAT IS NOT A “RECOGNIZED COLLECTIVE INVESTMENT SCHEME” FOR THE PURPOSES OF THE FSMA AND THAT HAS NOT BEEN AUTHORIZED, REGULATED OR OTHERWISE RECOGNIZED OR APPROVED. AS AN UNREGULATED SCHEME, THE NOTES CANNOT BE MARKETED IN THE UNITED KINGDOM TO THE GENERAL PUBLIC, EXCEPT IN ACCORDANCE WITH THE FSMA.

THE COMMUNICATION OF THIS MEMORANDUM (A) IF MADE BY A PERSON WHO IS NOT AN AUTHORIZED PERSON UNDER THE FSMA, IS BEING MADE ONLY TO, OR DIRECTED ONLY AT, PERSONS WHO (I) ARE OUTSIDE THE UNITED KINGDOM, OR (II) HAVE PROFESSIONAL EXPERIENCE IN MATTERS RELATING TO INVESTMENTS AND QUALIFY AS INVESTMENT PROFESSIONALS IN ACCORDANCE WITH ARTICLE 19(5) OF THE FINANCIAL SERVICES AND MARKETS ACT 2000 (FINANCIAL PROMOTION) ORDER 2005 (THE “FINANCIAL PROMOTION ORDER”), OR (III) ARE PERSONS FALLING WITHIN ARTICLE 49(2)(A) THROUGH (D) (HIGH NET WORTH COMPANIES, UNINCORPORATED ASSOCIATIONS, ETC.) OF THE FINANCIAL PROMOTION ORDER (ALL SUCH PERSONS TOGETHER BEING REFERRED TO AS “FPO PERSONS”), OR (IV) ARE ANY OTHER PERSONS TO WHOM IT MAY OTHERWISE LAWFULLY BE COMMUNICATED OR DIRECTED; AND (B) IF MADE BY A PERSON WHO IS AN AUTHORIZED PERSON UNDER THE FSMA, IS BEING MADE ONLY TO, OR DIRECTED ONLY AT, PERSONS WHO (I) ARE OUTSIDE THE UNITED KINGDOM, OR (II) HAVE PROFESSIONAL EXPERIENCE IN MATTERS RELATING TO INVESTMENTS AND QUALIFY AS INVESTMENT PROFESSIONALS IN ACCORDANCE WITH ARTICLE 14(5) OF THE FINANCIAL SERVICES AND MARKETS ACT 2000 (PROMOTION OF COLLECTIVE INVESTMENT SCHEMES) (EXEMPTIONS) ORDER 2001 (THE “PROMOTION OF COLLECTIVE INVESTMENT SCHEMES EXEMPTIONS ORDER”), OR (III) ARE PERSONS FALLING WITHIN ARTICLE 22(2)(A) THROUGH (D) (“HIGH NET WORTH COMPANIES, UNINCORPORATED ASSOCIATIONS, ETC.”) OF THE PROMOTION OF COLLECTIVE INVESTMENT SCHEMES EXEMPTIONS ORDER, OR (IV) ARE PERSONS TO WHOM THE TRUST MAY LAWFULLY BE PROMOTED IN ACCORDANCE WITH CHAPTER 4.12 OF THE FCA HANDBOOK CONDUCT OF BUSINESS SOURCEBOOK (ALL SUCH PERSONS, TOGETHER WITH FPO PERSONS, “RELEVANT PERSONS”).

THIS MEMORANDUM MUST NOT BE ACTED ON OR RELIED ON BY PERSONS WHO ARE NOT RELEVANT PERSONS. ANY INVESTMENT OR INVESTMENT ACTIVITY TO WHICH THIS MEMORANDUM RELATES, INCLUDING THE NOTES, IS AVAILABLE ONLY TO RELEVANT PERSONS AND WILL BE ENGAGED IN ONLY WITH RELEVANT PERSONS. ANY PERSONS OTHER THAN RELEVANT PERSONS SHOULD NOT ACT OR RELY ON THIS MEMORANDUM.

POTENTIAL INVESTORS IN THE UNITED KINGDOM ARE ADVISED THAT ALL, OR MOST, OF THE PROTECTIONS AFFORDED BY THE UNITED KINGDOM REGULATORY SYSTEM WILL NOT APPLY TO AN INVESTMENT IN THE NOTES AND THAT COMPENSATION WILL NOT BE AVAILABLE UNDER THE UNITED KINGDOM FINANCIAL SERVICES COMPENSATION SCHEME.

## **FORWARD-LOOKING STATEMENTS**

This Memorandum contains forward-looking statements within the meaning of Section 27A of the Securities Act. Specifically, forward-looking statements, together with related qualifying language and assumptions, are found in the material (including the tables) under the headings “*Risk Factors*” and “*Prepayment and Yield Considerations*” and in the appendices. Forward-looking statements are also found in other places throughout this Memorandum, and may be accompanied by, and identified with terms such as “could,” “may,” “will,” “believes,” “expects,” “intends,” “anticipates,” “forecasts,” “estimates,” or similar phrases. These statements involve known and unknown risks and uncertainties, some of which are beyond our control. These statements are not historical facts but rather represent our expectations based on current information, plans, judgments, assumptions, estimates and projections. Actual results or performance may differ from those described in or implied by such forward-looking statements due to various risks, uncertainties and other factors including the following: general economic and business conditions, competition, changes in political, social and economic conditions, regulatory initiatives and compliance with governmental regulations, customer preference and various other matters. Forward-looking statements are made only as of the date of this Memorandum. We undertake no obligation to update any forward-looking statements we make to reflect events or circumstances occurring after the date of this Memorandum.

## **ABOUT FREDDIE MAC**

### **General**

Freddie Mac is a government sponsored enterprise chartered by Congress in 1970. Our public mission is to provide liquidity, stability and affordability to the U.S. housing market. We do this primarily by purchasing residential mortgage loans originated by lenders. In most instances, we package these loans into guaranteed mortgage-related securities, which are sold in the global capital markets, and transfer interest-rate and liquidity risks to third-party investors. In addition, we transfer mortgage credit risk exposure to third-party investors through our credit risk transfer programs, which include securities- and insurance-based offerings. We also invest in mortgage loans and mortgage-related securities. We do not originate loans or lend money directly to mortgage borrowers.

We support the U.S. housing market and the overall economy by enabling America’s families to access mortgage loan funding with better terms and by providing consistent liquidity to the multifamily mortgage market. We have helped many distressed borrowers keep their homes or avoid foreclosure and have helped many distressed renters avoid eviction. We are working with FHFA, our customers, and the industry to build a better housing finance system for the nation.

### **Conservatorship and Government Support of Our Business**

Since September 2008, we have been operating in conservatorship, with FHFA as our Conservator. The conservatorship and related matters significantly affect our management, business activities, financial condition and results of operations. Our future is uncertain, and the conservatorship has no specified termination date. We do not know what changes may occur to our business model during or following conservatorship, including whether we will continue to exist. Our Conservator has not made us aware of any plans to make any significant changes that would affect our ability to continue as a going concern. Our future structure and role will be determined by the Administration, Congress, and FHFA. It is possible, and perhaps likely, that there will be significant changes to our business beyond the near term.

In connection with our entry into conservatorship, we entered into the Purchase Agreement with Treasury, under which we issued Treasury both senior preferred stock and a warrant to purchase common stock. The senior preferred stock and warrant were issued as an initial commitment fee in consideration for Treasury’s commitment to provide funding to us under the Purchase Agreement.

Our Purchase Agreement with Treasury and the terms of the senior preferred stock we issued to Treasury affect our business activities and are critical to keeping us solvent and avoiding the appointment of a receiver by FHFA under statutory mandatory receivership provisions. We believe that the support provided by Treasury

pursuant to the Purchase Agreement currently enables us to have adequate liquidity to conduct normal business activities.

For additional information regarding the conservatorship, the Purchase Agreement and government support of our business, see the Incorporated Documents.

### **Additional Information**

Our common stock is registered with the SEC under the Exchange Act. We file reports and other information with the SEC.

As described below, we incorporate certain documents by reference in this Memorandum, which means that we are disclosing information to you by referring you to those documents rather than by providing you with separate copies. The Incorporated Documents are considered part of this Memorandum. You should read this Memorandum in conjunction with the Incorporated Documents. Information that we incorporate by reference will automatically update information in this Memorandum. Therefore, you should rely only on the most current information provided or incorporated by reference in this Memorandum.

You may read and copy any document we file with the SEC at the SEC's public reference room at 100 F Street, N.E., Washington, D.C. 20549. Please call the SEC at 1-800-SEC-0330 for further information on the public reference room. The SEC also maintains a website at <http://www.sec.gov> that contains reports, proxy and information statements, and other information regarding companies that file electronically with the SEC.

After the Closing Date, you can obtain, without charge, copies of this Memorandum, the Incorporated Documents, the Indenture and the Securitization Regulation Agreement from:

<p><b>Freddie Mac — Investor Inquiry</b> <b>1551 Park Run Drive, Mailstop D50</b> <b>McLean, Virginia 22102-3110</b> <b>Telephone: 1-800-336-3672</b> <b>(571-382-4000 within the Washington, D.C. area)</b> <b>E-mail: <a href="mailto:Investor_Inquiry@freddiemac.com">Investor_Inquiry@freddiemac.com</a></b></p>
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We also make this Memorandum and the Incorporated Documents available on our internet website at this internet address: **[freddiemac.com](http://freddiemac.com)**\*

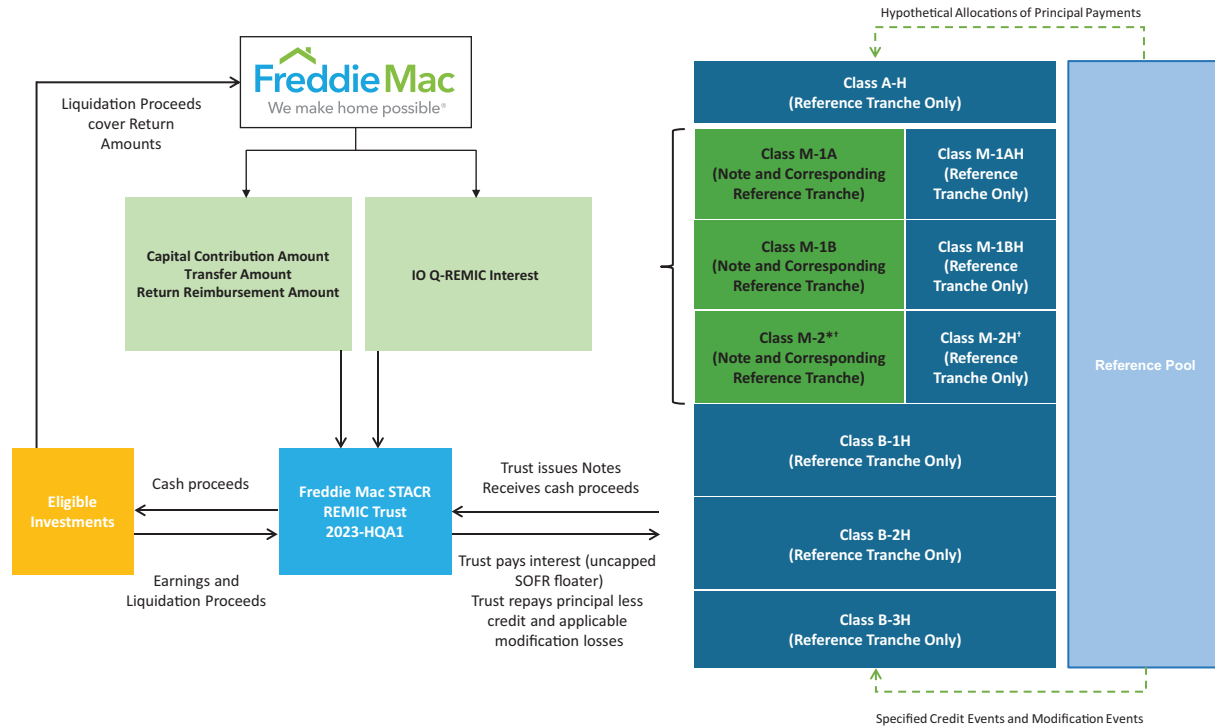
We also make available on our internet website certain pool- and mortgage loan-level information regarding mortgage loans we securitized based on information furnished to us by the sellers and servicers of such mortgage loans. Certain pool or mortgage loan-level information provided in this Memorandum, similarly, is based upon information reported and furnished to us by sellers and servicers of the mortgage loans (i) at the time we purchased the mortgage loans, (ii) through subsequent data revisions and (iii) in monthly servicing updates. We may not have independently verified information furnished to us by sellers and servicers regarding the mortgage loans and make no representations or warranties concerning the accuracy or completeness of that information. In addition, sellers sometimes provide information about certain mortgage loans that they sell to us in separate additional supplements. We have not verified the information in any additional supplements and make no representations or warranties concerning the accuracy or completeness of that information.

\* We provide this and other internet addresses solely for the information of investors. We do not intend these internet addresses to be active links and we are not using references to these addresses to incorporate additional information into this Memorandum, except as specifically stated in this Memorandum.

A prospective investor may access the Guide on the web at [guide.freddiemac.com](http://guide.freddiemac.com).



## TRANSACTION DIAGRAM



\* The Class M-2A and Class M-2B Notes and corresponding Reference Tranches relate to the Class M-2 Notes. The Class M-2A and Class M-2B Notes are exchangeable for the Class M-2 Notes, and vice versa, pursuant to Combination 1 described in Table 2. In addition, certain Classes of MACR Notes can be further exchanged for other Classes of MACR Notes, and vice versa, as described in Table 2.

† The Class M-2H Reference Tranche illustrated in the transaction diagram above represents the combination of the Class M-2AH and Class M-2BH Reference Tranches. The Class M-2 Notes and corresponding Reference Tranche illustrated in the transaction diagram above represent the combination of the Class M-2A and Class M-2B Notes and the corresponding Reference Tranches.

**TABLE 3**  
**CLASSES OF REFERENCE TRANCHES**

<b>Classes of Reference Tranches</b>	<b>Initial Class Notional Amount</b>	<b>Initial Subordination<sup>(1)</sup></b>
Class A-H . . . . .	\$12,867,217,693	4.000%
Class M-1A and Class M-1AH <sup>(2)</sup> . . . . .	\$ 134,033,518	3.000% <sup>(3)</sup>
Class M-1B and Class M-1BH <sup>(4)</sup> . . . . .	\$ 134,033,518	2.000% <sup>(5)</sup>
Class M-2A and Class M-2AH <sup>(6)</sup> . . . . .	\$ 33,508,379	1.750% <sup>(7)</sup>
Class M-2B and Class M-2BH <sup>(8)</sup> . . . . .	\$ 33,508,379	1.500% <sup>(9)</sup>
Class B-1H . . . . .	\$ 67,016,760	1.000%
Class B-2H . . . . .	\$ 100,525,138	0.250%
Class B-3H . . . . .	\$ 33,508,379	0.000%

- (1) Represents the initial subordination and initial credit enhancement of such Class or Classes of Reference Tranches, which is equal to the percentage of the Cut-off Date Balance of the Reference Pool represented by the aggregate initial Class Notional Amount of the Class or Classes of Reference Tranches subordinate to the subject Class or Classes of Reference Tranches.
- (2) Pursuant to the hypothetical structure, the Class M-1A and Class M-1AH Reference Tranches are *pro rata* with each other. The initial Class Notional Amount shown is the aggregate amount for the Class M-1A and Class M-1AH Reference Tranches combined. The initial Class Notional Amount of the Class M-1A Reference Tranche is \$127,000,000 (which corresponds to the original Class Principal Balance of the Class M-1A Notes) and the initial Class Notional Amount for the Class M-1AH Reference Tranche is \$7,033,518.
- (3) Represents the initial subordination and credit enhancement available to the Class M-1A and Class M-1AH Reference Tranches in the aggregate.
- (4) Pursuant to the hypothetical structure, the Class M-1B and Class M-1BH Reference Tranches are *pro rata* with each other. The initial Class Notional Amount shown is the aggregate amount for the Class M-1B and Class M-1BH Reference Tranches combined. The initial Class Notional Amount of the Class M-1B Reference Tranche is \$127,000,000 (which corresponds to the original Class Principal Balance of the Class M-1B Notes) and the initial Class Notional Amount for the Class M-1BH Reference Tranche is \$7,033,518.
- (5) Represents the initial subordination and credit enhancement available to the Class M-1B and Class M-1BH Reference Tranches in the aggregate.
- (6) Pursuant to the hypothetical structure, the Class M-2A and Class M-2AH Reference Tranches are *pro rata* with each other. The initial Class Notional Amount shown is the aggregate amount for the Class M-2A and Class M-2AH Reference Tranches combined. The initial Class Notional Amount of the Class M-2A Reference Tranche is \$31,500,000 (which corresponds to the original Class Principal Balance of the Class M-2A Notes) and the initial Class Notional Amount for the Class M-2AH Reference Tranche is \$2,008,379.
- (7) Represents the initial subordination and credit enhancement available to the Class M-2A and Class M-2AH Reference Tranches in the aggregate.
- (8) Pursuant to the hypothetical structure, the Class M-2B and Class M-2BH Reference Tranches are *pro rata* with each other. The initial Class Notional Amount shown is the aggregate amount for the Class M-2B and Class M-2BH Reference Tranches combined. The initial Class Notional Amount of the Class M-2B Reference Tranche is \$31,500,000 (which corresponds to the original Class Principal Balance of the Class M-2B Notes) and the initial Class Notional Amount for the Class M-2BH Reference Tranche is \$2,008,379.
- (9) Represents the initial subordination and credit enhancement available to the Class M-2B and Class M-2BH Reference Tranches in the aggregate.

## **Hypothetical Structure and Calculations with Respect to the Reference Tranches**

A hypothetical structure of Classes of Reference Tranches deemed to be backed by the Reference Pool has been established as indicated in the Transaction Diagram. See “*Transaction Diagram*” above. The Indenture will reference this hypothetical structure to calculate, for each Payment Date, (i) Tranche Write-down Amounts (or Tranche Write-up Amounts) as a result of Credit Events or Modification Events on the Reference Obligations, which may result in reductions (or increases) in principal or notional amounts on the Notes, (ii) any reduction or increase in interest amounts on the Notes as a result of Modification Events on the Reference Obligations and (iii) principal payments to be made on the Notes by the Trust.

Each Class of Reference Tranche will have the initial Class Notional Amount set forth in Table 3 and the aggregate of the initial Class Notional Amounts of all Classes of Reference Tranches will equal the Cut-off Date Balance of the Reference Pool. Any Tranche Write-down Amount allocated to a Class of Reference Tranche will result in a corresponding reduction in the Class Principal Balance of the Corresponding Class of Notes. If Exchangeable Notes have been exchanged for MACR Notes, all Tranche Write-down Amounts that are allocable to such exchanged Exchangeable Notes will be allocated to reduce the Class Principal Balances or Notional Principal Amounts, as applicable, of such MACR Notes (or any MACR Notes further exchanged for such MACR Notes pursuant to an applicable Combination) in accordance with the exchange proportions applicable to the related Combination.

Pursuant to the Indenture, the Class M-1A Reference Tranche will correspond to the Class M-1A Notes, the Class M-1B Reference Tranche will correspond to the Class M-1B Notes, the Class M-2A Reference Tranche will correspond to the Class M-2A Notes and the Class M-2B Reference Tranche will correspond to the Class M-2B Notes. With respect to any Payment Date, any reductions in the Class Notional Amount of the Class M-1A, Class M-1B, Class M-2A or Class M-2B Reference Tranche will result in a corresponding reduction in the Class Principal Balance of the Class M-1A, Class M-1B, Class M-2A or Class M-2B Notes, respectively. Similarly, with respect to any Payment Date, the amount of any Modification Loss Amount allocated to the Class M-1A, Class M-1B, Class M-2A or Class M-2B Reference Tranche pursuant to the applicable priorities set forth in the definition of “Modification Loss Priority” in the “*Glossary of Significant Terms*” and as further described under “*Description of the Notes — Hypothetical Structure and Calculations with respect to the Reference Tranches — Allocation of Modification Loss Amount*” will, as described herein, result in a corresponding reduction of the Interest Payment Amount of the Class M-1A, Class M-1B, Class M-2A or Class M-2B Notes, respectively. Further, with respect to any Payment Date, the amount of any principal collections on the Reference Obligations that are allocated to reduce the Class Notional Amount of the Class M-1A, Class M-1B, Class M-2A or Class M-2B Reference Tranche, will result in a corresponding payment of principal on such Payment Date to the Class M-1A, Class M-1B, Class M-2A or Class M-2B Notes, respectively. As a result of the correlation between the Class M-1A, Class M-1B, Class M-2A or Class M-2B Notes on the one hand, and the Corresponding Class of Reference Tranche on the other hand, you should review and understand all the information related to the hypothetical structure and the Reference Tranches in this Memorandum and otherwise made available to you as if you were investing in the Class of Reference Tranche corresponding to your Class of Notes.

The effect of the Trust entering into the Collateral Administration Agreement with us and of the Indenture linking the Notes to the performance of the Reference Pool and the corresponding Classes of Reference Tranches is that we will transfer certain credit risk that we would otherwise bear with respect to the Reference Pool to you. Specifically, our credit risk will be transferred to you to the extent that your Notes are subject to (i) principal or notional amount write-downs as a result of Credit Events or Modification Events on the Reference Obligations and (ii) interest amount reductions as a result of Modification Events on the Reference Obligations, in each case as described in this Memorandum. Because the Trust will not issue any notes that correspond to the Class A-H, Class M-1AH, Class M-1BH, Class M-2AH, Class M-2BH, Class B-1H, Class B-2H and Class B-3H Reference Tranches, we will initially retain the credit risk represented by such Classes of Reference Tranches. If we were to exercise our option to cause the Trust to retire any Notes that we own, the Class Notional Amount of any of the Class M-1AH, Class M-1BH, Class M-2AH or Class M-2BH Reference Tranches will be increased by the aggregate amount of Notes Retirement Amounts allocated to reduce the Class Notional Amount of the Class M-1A, Class M-1B, Class M-2A or Class M-2B Reference Tranche, respectively, in connection with the

retirement of such Notes. We will, therefore, reacquire the credit risk with respect to the Reference Pool represented by such retired Notes. On the Closing Date:

- the Class M-1AH Reference Tranche will represent no less than 5% of the combined initial Class Notional Amount of the Class M-1A and Class M-1AH Reference Tranches,
- the Class M-1BH Reference Tranche will represent no less than 5% of the combined initial Class Notional Amount of the Class M-1B and Class M-1BH Reference Tranches,
- the Class M-2AH Reference Tranche will represent no less than 5% of the combined initial Class Notional Amount of the Class M-2A and Class M-2AH Reference Tranches, and
- the Class M-2BH Reference Tranche will represent no less than 5% of the combined initial Class Notional Amount of the Class M-2B and Class M-2BH Reference Tranches.

On the Closing Date, we intend to enter into the Securitization Regulation Agreement irrevocably restricting our ability to transfer or hedge more than a 95% *pro rata* share of the credit risk on any of (i) the Class A-H Reference Tranche, (ii) the Class M-1A and Class M-1AH Reference Tranches (in the aggregate), (iii) the Class M-1B and Class M-1BH Reference Tranches (in the aggregate), (iv) the Class M-2A and Class M-2AH Reference Tranches (in the aggregate), (v) the Class M-2B and Class M-2BH Reference Tranches (in the aggregate), (vi) the Class B-1H Reference Tranche, (vii) the Class B-2H Reference Tranche, or (viii) the Class B-3H Reference Tranche. We may effect any transfers or hedges that are not so restricted, in the future, by issuing new series of STACR notes and/or entering into Agency Credit Insurance Structure (ACIS) transactions, that reference the Reference Pool related to the Notes of this transaction. See “*Securitization Regulation Agreement*” and “*Risk Factors — Risks Related to the Notes Being Linked to the Reference Pool — Applicability of Federal, State and Local Laws — Legislative or Regulatory Actions Could Adversely Affect Our Business Activities and the Reference Pool*”.

## SUMMARY

*This summary highlights selected information and does not contain all of the information that you need to make your investment decision. It provides general, simplified descriptions of matters that, in some cases, are highly technical and complex. More detail is provided in other sections of this Memorandum and in the other documents referred to herein. Do not rely upon this summary for a full understanding of the matters you need to consider for any potential investment in the Notes. To understand the terms of the offering of the Notes, carefully read this entire Memorandum and the other documents referred to herein. You will find definitions of the capitalized terms used in this Memorandum in the “Glossary of Significant Terms.”*

**Transaction Overview** . . . . . On the Closing Date, the Trust will issue the Original Notes. The Notes will pay interest at the rates and times, and the principal amount thereof will be payable on the dates, described under “— *Payments on the Notes*” below. The Notes will be scheduled to mature on the Payment Date in May 2043, but will be subject to redemption prior thereto if certain events occur that result in the designation of an Early Termination Date. See “*Description of the Notes — Scheduled Maturity Date and Early Redemption Date*”.

The Trust will use the aggregate proceeds realized from the sale of the Notes to purchase Eligible Investments. From time to time, the Trust will acquire additional Eligible Investments with proceeds realized upon the maturity or redemption or other prepayment of existing Eligible Investments. On each Payment Date, the Trust will pay interest on the Notes from (i) investment earnings on the Eligible Investments, (ii) the Transfer Amount due from us with respect to such Payment Date under the Collateral Administration Agreement (it being understood that the IO Yield for such Payment Date will be deemed to satisfy, up to the amount of such IO Yield, our obligation to pay such Transfer Amount) and (iii) the Index Component Contribution due from us with respect to such Payment Date under the Capital Contribution Agreement.

On the Closing Date, we will enter into the Collateral Administration Agreement and the Capital Contribution Agreement with the Trust and the Indenture Trustee.

Under the Collateral Administration Agreement, subject to the satisfaction of certain conditions, in any given calendar month we will be required to pay the Transfer Amount and Return Reimbursement Amount, if any, to the Trust and the Trust will be required to pay the Return Amount, if any, to us. The Collateral Administration Agreement and Capital Contribution Agreement will permit netting of the Return Amount due on any Payment Date against the Transfer Amount, Return Reimbursement Amount and Capital Contribution Amount due on the Business Day immediately prior to such Payment Date. As a result, only one party (i.e., either the Trust or us) will actually make a payment to the other in connection with any Payment Date. See “*The Agreements — The Collateral Administration Agreement and the Capital Contribution Agreement — Netting of Payments*”.

Each of the Collateral Administration Agreement and the Capital Contribution Agreement will terminate in their entirety on, and no further payments will be made by us to the Trust or by the Trust to us,

as applicable, after, the Termination Date (whether on or prior to the Scheduled Maturity Date, including as the result of the designation of the Early Termination Date).

<b>Sponsor</b> .....	Freddie Mac. See “ <i>About Freddie Mac</i> ” and “ <i>Risk Factors — Risks Related to Freddie Mac</i> ”.
<b>Indenture Trustee</b> .....	Citibank, N.A.
<b>Owner Trustee</b> .....	Wilmington Trust, National Association.
<b>Exchange Administrator</b> .....	Citibank, N.A.
<b>Investment Manager</b> .....	BlackRock Financial Management, Inc.
<b>Administrator</b> .....	Freddie Mac.
<b>Custodian</b> .....	The Bank of New York Mellon.

**The Trust** ..... The Freddie Mac STACR REMIC Trust 2023-HQA1 is a statutory trust under the laws of the State of Delaware. The purpose of the Trust is limited to engaging in the following activities: (a) to enter into and perform its obligations under the Collateral Administration Agreement; (b) to enter into and perform its obligations under the Capital Contribution Agreement; (c) to enter into and perform its obligations under the Indenture; (d) to enter into and perform its obligations under the Investment Management Agreement; (e) to enter into and perform its obligations under the Administration Agreement; (f) to enter into and perform its obligations under the Account Control Agreement; (g) to enter into and perform its obligations under the Note Purchase Agreement; (h) to issue the Notes, the Residual Certificates and the X-IO Interest pursuant to the Indenture and the Owner Certificate pursuant to the Trust Agreement; (i) to enter into and perform its obligations under the other Basic Documents; (j) to invest the proceeds of the sale of the Notes in Eligible Investments and to invest the proceeds realized upon the maturity or redemption or other prepayment of Eligible Investments in additional Eligible Investments, from time to time, as contemplated in the Trust Agreement; and (k) to engage in such other activities, including entering into and performing its obligations under any other agreements, that are necessary, suitable or convenient to accomplish the foregoing or are incidental thereto or connected therewith.

The Trust Assets will be comprised of all right, title and interest of the Trust in, to and under, whether now owned or existing, or hereafter acquired or arising, (a) the Basic Documents, (b) the IO Q-REMIC Interest, (c) the Distribution Account and any amounts from time to time on deposit therein, (d) the Custodian Account and any amounts from time to time on deposit therein, (e) all Eligible Investments and all income realized from the investment thereof, (f) all accounts, general intangibles, chattel paper, instruments, documents, goods, money, investment property, deposit accounts, letters of credit and letter-of-credit rights, consisting of, arising from, or relating to, any of the foregoing, and (g) all proceeds, accessions, profits, income, benefits, substitutions and replacements, whether voluntary or involuntary, of and to any of the property of the Trust.



	<p>All of the Trust Assets, other than the Trust’s rights under the Collateral Administration Agreement and the Capital Contribution Agreement, will be pledged to secure the Trust’s payment obligations under the Collateral Administration Agreement. In addition, all of the Trust Assets will be pledged to secure the Trust’s payment obligations to the Noteholders under the Indenture.</p>
<b>The Notes</b> .....	On the Closing Date, the Trust will issue the Notes pursuant to the Indenture.
<b>Original Notes</b> .....	The Class M-1A Notes, Class M-1B Notes, Class M-2A Notes and Class M-2B Notes.
<b>Exchangeable Notes and MACR Notes</b> .....	The Exchangeable Notes, in whole or in part, will be modifiable and combinable with the MACR Notes (and vice versa) and certain Classes of MACR Notes may be further exchanged for other Classes of MACR Notes, each as shown in <u>Table 2</u> .
<b>ERISA Eligible Notes</b> .....	It is expected that the Class M-1A Notes and the Class M-1B Notes may be acquired by Plans or persons acting on behalf of, using the assets of or deemed to hold the assets of a Plan. See “ <i>Certain ERISA Considerations</i> ”.
<b>Closing Date</b> .....	On or about May 22, 2023.
<b>Scheduled Maturity Date</b> .....	The Payment Date in May 2043.
<b>Record Date</b> .....	The Business Day immediately preceding a Payment Date, with respect to Book-Entry Notes, and the last Business Day of the month preceding a Payment Date, with respect to Definitive Notes.
<b>Use of Proceeds</b> .....	The Indenture Trustee will use the cash proceeds from the sale of the Notes to purchase Eligible Investments. The Indenture Trustee will use the earnings on and proceeds of the Eligible Investments to make any payments of Return Amounts to us and, together with any Transfer Amounts, Return Reimbursement Amounts and Capital Contribution Amounts paid by us to the Trust and any interest payments on the IO Q-REMIC Interest received by the Trust, to make payments of principal and interest on the Notes.
<b>Ratings of the Notes</b> .....	It is a condition to the issuance of the Notes that the Rated Notes receive the ratings set forth in <u>Table 1</u> from the Rating Agencies. No other Notes will be rated and we have no obligation to obtain ratings for the Notes in the future. The ratings of the Rated Notes will be subject to revision, withdrawal or suspension by the Rating Agencies from time to time and at any time. See “ <i>Ratings</i> ”.
<b>The Offering</b> .....	The Notes are being offered and sold only (i) in the United States to “qualified institutional buyers,” as such term is defined in Rule 144A under the Securities Act, and (ii) in “offshore transactions” to persons that are not “U.S. persons,” as such terms are defined in, and in accordance with, Regulation S under the Securities Act. See “ <i>Notice to Investors</i> ”.

**Transfer of the Notes** . . . . . Transfers of interests in the Notes will be subject to certain restrictions. See *“Risk Factors — General Risks — The Liquidity of the Notes May Be Limited — Transfer Restrictions Applicable to the Notes May Limit Liquidity”*.

**Payments on the Notes** . . . . . The Trust will be required to pay the Interest Payment Amount on the Notes in arrears on the 25<sup>th</sup> day of each calendar month, commencing in June 2023 and ending on the Maturity Date, or if any such day is not a Business Day, on the first Business Day thereafter. On each Payment Date, the Interest Payment Amount for one or more Classes of Notes may be reduced as a result of Modification Events that reduce the yield on the Reference Obligations. See *“Description of the Notes — Hypothetical Structure and Calculations with Respect to the Reference Tranches”*.

On each Payment Date prior to the Maturity Date on which certain tests related to minimum credit enhancement for the Class A-H Reference Tranche and net losses and delinquencies for the Reference Pool are satisfied, the Trust will be required to pay principal on each Class of Original Notes (in each case without regard to any exchanges of Exchangeable Notes for MACR Notes) in an amount equal to the portion of the Senior Reduction Amount, Subordinate Reduction Amount and/or Supplemental Subordinate Reduction Amount, as applicable, allocated to reduce the Class Notional Amount of the Corresponding Class of Reference Tranche on such Payment Date. If such tests are not satisfied, the Subordinate Reduction Amount will be zero and principal payments may not be made on the Notes. With respect to any Class of Notes, the amount of principal that is due on any Payment Date will reflect any Tranche Write-up Amounts and Tranche Write-down Amounts with respect to the related Reporting Period, as applicable. See *“Description of the Notes — Hypothetical Structure and Calculations with Respect to the Reference Tranches — Allocation of Senior Reduction Amount and Subordinate Reduction Amount”*.

In addition, in connection with any Credit Event or Modification Event that results in any Tranche Write-down Amounts being allocated to any Class of Reference Tranche on a Payment Date, the Class Principal Balance of any Corresponding Class of Notes will be reduced by such amount allocated thereto (without regard to any exchanges of Exchangeable Notes for MACR Notes). In addition, if any Tranche Write-down Amounts are allocated to a Class or Classes of Reference Tranches corresponding to a Class or Classes of Notes on any Payment Date, the Trust will owe us a Return Amount on such Payment Date equal to the aggregate amount of Tranche Write-down Amounts so allocated to reduce the Class Principal Balances of the Notes (without regard to any exchanges of Exchangeable Notes for MACR Notes). See *“Description of the Notes — Hypothetical Structure and Calculations with Respect to the Reference Tranches”*. Any such reduction in the Class Principal Balance of any outstanding Class of Notes will result in a lower amount of interest payable on such Class of Notes on subsequent Payment Dates. See *“Prepayment and Yield Considerations — Credit Events and Modification Events”*.

On the Maturity Date, the Trust will be required to pay the Class Principal Balance for each Class of Original Notes outstanding (without regard to any exchanges of Exchangeable Notes for MACR Notes). If on any Payment Date a Class of MACR Notes that is entitled to principal is outstanding, all principal amounts that are payable by the Trust on Exchangeable Notes that were exchanged for such MACR Notes (and subsequent exchanges thereof) will be allocated to, and paid to the Holders of, such MACR Notes in accordance with the exchange proportions applicable to the related Combination.

The Notes will be subject to mandatory redemption prior to the Scheduled Maturity Date upon the termination of the Collateral Administration Agreement. The Notes will also be subject to acceleration at any time upon the occurrence of an Indenture Event of Default (see “*Description of the Notes — Scheduled Maturity Date and Early Redemption Date*” and “*The Agreements — The Indenture — Indenture Events of Default*”).

On each Payment Date on which the Trust is required to pay a Return Amount, the Trust will allocate proceeds of the Eligible Investments to such payment before allocating any proceeds of the Eligible Investments to pay amounts owed on the Notes, including any Notes Retirement Amount payable by the Trust. This will coincide with Tranche Write-down Amounts being allocated to one or more Reference Tranches that correspond to one or more Classes of Notes in an aggregate amount equal to such Return Amount and the corresponding reduction of the Class Principal Balance of each such Class of Notes. See “*Status and Subordination*”.

## **Prepayment and Yield**

### **Considerations . . . . .**

The Class Principal Balance of any outstanding Class of Notes will be reduced to the extent of any Tranche Write-down Amounts that are allocated to reduce the Class Notional Amount of the Corresponding Class of Reference Tranche. Any such reduction in principal will result in a corresponding reduction in the related Interest Payment Amount on subsequent Payment Dates.

Because the Reference Obligations can be prepaid at any time, it is not possible to predict the rate at which Holders will receive payments of principal.

The yield to maturity on the Notes (other than the Interest Only MACR Notes) will also be sensitive to changes in the levels of the SOFR Rate. See “*Risk Factors — Risks Related to Certain Characteristics of the Notes — Risks Related to the Index — SOFR Rate Levels Could Reduce the Yield on the Notes*”.

See “*Prepayment and Yield Considerations*”.

### **Status and Subordination . . . . .**

The Notes and the obligation of the Trust to pay Return Amounts to us will be limited recourse obligations of the Trust. With respect to any Payment Date, a portion of the Eligible Investments will be liquidated in the amount necessary to pay the net Return Amount owed by the Trust to us, if any, the amount of principal owed by the Trust on the Notes, if any, and the Notes Retirement Amount owed by

the Trust to us, if any. The proceeds of such liquidated Eligible Investments will be allocated to payment of the Return Amount, if any, owed to us with respect to such Payment Date before being allocated to payments of principal on the Notes and to payment of any Notes Retirement Amount. Except as described in the *sixth* through *ninth* priorities under “*Description of the Notes — Hypothetical Structure and Calculations with Respect to the Reference Tranches — Allocation of Modification Loss Amount*”, with respect to amounts allocated to the Notes on each Payment Date, the Class M-1A Notes will be senior in right of payment to the Class M-1B Notes, the Class M-1B Notes will be senior in right of payment to the Class M-2A Notes and the Class M-2A Notes will be senior in right of payment to the Class M-2B Notes.

Pursuant to the Indenture, the Notes will be subject to (i) principal or notional amount write-downs as a result of Credit Events or Modification Events with respect to the Reference Obligations and (ii) interest amount reductions as a result of Modification Events with respect to the Reference Obligations. See “*Description of the Notes — Hypothetical Structure and Calculations with Respect to the Reference Tranches — Allocation of Modification Loss Amount*” and “*— Allocation of Modification Gain Amount*”; “*Description of the Notes — Interest*”; “*Description of the Notes — Hypothetical Structure and Calculations with Respect to the Reference Tranches — Allocation of Senior Reduction Amount and Subordinate Reduction Amount*”; “*Description of the Notes — Hypothetical Structure and Calculations with Respect to the Reference Tranches — Allocation of Tranche Write-down Amounts*”; and “*Description of the Notes — Hypothetical Structure and Calculations with Respect to the Reference Tranches — Allocation of Tranche Write-up Amounts*”.

**Eligible Investments** . . . . . The Trust will use the proceeds of the sale of the Notes to purchase Eligible Investments. From time to time, the Trust will acquire additional Eligible Investments with the proceeds realized upon the maturity or redemption or other prepayment of existing Eligible Investments. At the time of purchase, Eligible Investments will be required to satisfy the criteria set forth in the definition of “Eligible Investments” in the “*Glossary of Significant Terms*”. Eligible Investments will be required to mature within 60 days (or more in the case of investments satisfying clause (b) of the definition of “Eligible Investments” in the “*Glossary of Significant Terms*”) of the date on which they were purchased. Unused proceeds received from the maturity of Eligible Investments will be reinvested in additional Eligible Investments as described herein.

**Collateral Administration Agreement and Capital Contribution Agreement** . . . . . On the Closing Date, we will enter into the Collateral Administration Agreement with the Trust and the Indenture Trustee pursuant to which the Trust will provide credit protection to us with respect to the Reference Pool.

Under the Collateral Administration Agreement, we will be required to pay to the Trust the Transfer Amount and Return Reimbursement Amount, if any, on the Business Day prior to each Payment Date. See “*The Agreements — The Collateral Administration Agreement and the Capital Contribution Agreement — The Collateral Administration Agreement*”.

Under the Collateral Administration Agreement, the Trust will be required, subject to the satisfaction of certain conditions, to pay the Return Amount to us based on the Credit Events and Modification Events that occurred during the related Reporting Period.

On the Closing Date, we will also enter into the Capital Contribution Agreement with the Trust and the Indenture Trustee. Under the Capital Contribution Agreement, we will be required to pay to the Trust the Capital Contribution Amount, if any, on the Business Day prior to each Payment Date. See “*The Agreements — The Collateral Administration Agreement and the Capital Contribution Agreement — The Capital Contribution Agreement*”.

The Collateral Administration Agreement and Capital Contribution Agreement will permit netting of the Return Amount owed to us by the Trust on any Payment Date against any Transfer Amount, Return Reimbursement Amount and Capital Contribution Amount owed to the Trust by us on the Business Day immediately prior to such Payment Date. As a result, only one party (i.e., either the Trust or us) will actually make a payment to the other in connection with any Payment Date. See “*The Agreements — The Collateral Administration Agreement and the Capital Contribution Agreement — Netting of Payments*”.

After the payment of any Notes Retirement Amount on the related retirement date, the amounts of any Return Amount, Transfer Amount and Return Reimbursement Amount owed under the terms of the Collateral Administration Agreement for succeeding Payment Dates will be reduced, as applicable, as a result of the adjustment in the Class Notional Amount of any Class of Reference Tranche corresponding to such retired Notes in connection with the payment of such Notes Retirement Amount.

**Reference Pool** . . . . . The Reference Pool will consist of the Reference Obligations. The Reference Obligations are (i) mortgage loans that meet the Eligibility Criteria, we securitized between January 1, 2022 and January 31, 2022 and were acquired on or after January 1, 2022 and (ii) subject to the satisfaction of certain conditions described in the definition of “Reference Pool Removal” in the “*Glossary of Significant Terms*”, any Enhanced Relief Refinance Reference Obligations included in the Reference Pool in the future in replacement of the corresponding original Reference Obligations that are refinanced under the Enhanced Relief Refinance Program. Enhanced Relief Refinance Reference Obligations will not become part of the Reference Pool unless the IRS provides favorable guidance permitting Enhanced Relief Refinance Reference Obligations to be covered within the underlying Q-REMIC. Each of the original Reference Obligations

must meet the Eligibility Criteria, including certain loan-to-value thresholds, and must have no Underwriting Defects, Major Servicing Defects or Minor Servicing Defects that were known to us as of the Quality Control Cut-off Date, or that were subsequently discovered through the Third-Party Diligence Providers' due diligence review as described under "*The Reference Obligations — Third-Party Due Diligence Review*". See "*General Mortgage Loan Purchase and Servicing — Servicing Standards*" and "*— Quality Control Process*" in Appendix E for a description of how Major Servicing Defects, Minor Servicing Defects and Underwriting Defects may be discovered through our quality control processes. See also "*General Mortgage Loan Purchase and Servicing — Enhanced Relief Refinance Program*" in Appendix E for a description of the Enhanced Relief Refinance Program.

See Appendix A for additional information on the Reference Pool.

**Notes Acquired by Us** . . . . . We may, from time to time, purchase or otherwise acquire some or all of any Class of Notes at any price or prices, in the open market or otherwise. Notes of any particular Class we hold or acquire will have an equal and proportionate benefit to Notes of the same Class held by other Holders, without preference, priority or distinction, except that, in determining whether the Holders of the required percentage of the outstanding Class Principal Balance or Notional Principal Amount, as applicable, of the Notes have given any required demand, authorization, notice, consent or waiver under the Indenture, any Notes owned by us or any person directly or indirectly controlling or controlled by or under direct or indirect common control with us will be disregarded and deemed not to be outstanding for the purpose of such determination. See "*The Agreements — The Indenture — Indenture Events of Default*". Any Notes that we hold may be held as investment and may be sold from time to time in our sole discretion. Pursuant to the Indenture, we have the right to cause any Notes we acquire to be retired by the Trust. See "*The Agreements — The Indenture — Optional Retirement of Notes Owned by Freddie Mac*".

**Legal Status** . . . . . The Notes will be issued by the Trust. The Notes will have limited recourse to the Trust Assets, subordinate to our claims under the Collateral Administration Agreement and the Indenture. The Notes will be obligations (or interests in such obligations) of the Trust only. The MACR Notes will represent interests in the Exchangeable Notes. **The United States does not guarantee the Notes or any interest or return of discount on the Notes. The Notes are not debts or obligations (or interests in debts or obligations) of us or the United States or any agency or instrumentality of the United States.**

**Certain Relationships and**

**Affiliations** . . . . . We will be the Sponsor and Administrator and will pay the Fees and Expenses of the Transaction Parties and the Trust. Further, we guarantee any PCs that are backed by Reference Obligations. Our obligations under such guarantees are not collateralized. These roles and our relationships with the related sellers and servicers of mortgage loans that are Reference Obligations may give rise to



conflicts of interest. You should be aware that any of the Initial Purchasers may be affiliated with sellers and/or servicers of Reference Obligations, but the aggregate UPB (as of the Cut-off Date) of the Reference Obligations related to any such seller and/or servicer did not exceed 1% of the Cut-off Date Balance of the Reference Pool. See *“Risk Factors — Risks Related to the Transaction Parties — The Interests of the Transaction Parties and Others May Conflict with and Be Adverse to the Interests of the Noteholders”*.

**Interest** . . . . . Each Class of Notes will bear interest, and solely for purposes of calculating allocations of any Modification Gain Amounts or Modification Loss Amounts, the Class B-1H and Class B-2H Reference Tranches will be deemed to bear interest, calculated pursuant to the applicable Class Coupon formula shown in Table 1. The initial Class Coupons that will apply to the first Accrual Period are also shown in Table 1.

The Indenture Trustee will calculate the Class Coupon for the Notes, the Class B-1H Reference Tranche and the Class B-2H Reference Tranche for each Accrual Period (after the first Accrual Period) on the applicable SOFR Adjustment Date. The Indenture Trustee will determine the SOFR Rate using the method described in the definition of “SOFR Rate” set forth in the *“Glossary of Significant Terms”*. For the first Accrual Period, the SOFR Rate is 4.92280%. If a Benchmark Transition Event and its related Benchmark Replacement Date have occurred, the Administrator will determine an alternative Benchmark in accordance with the Benchmark Replacement provisions described under *“Description of the Notes — Benchmark Replacement Provisions”*. See *“Description of the Notes — Interest”* and *“Risk Factors — Risks Related to Certain Characteristics of the Notes — Risks Related to the Index — Changes to, or Elimination of, SOFR Could Adversely Affect Your Investment in SOFR Notes”*.

Interest on the Notes will be payable monthly in arrears on each Payment Date commencing in June 2023. On any Payment Date, the Interest Payment Amount for one or more Classes of Notes may be reduced as a result of Modification Events during the related Reporting Period that reduce the yield on the Reference Obligations. See *“Description of the Notes — Hypothetical Structure and Calculations with Respect to the Reference Tranches — Allocation of Modification Loss Amount”*.

**United States Federal Income Tax**

**Consequences** . . . . . The Notes will represent ownership of the “regular interests” in one or more REMICs and certain other rights under an NPC. The Residual Certificates will represent ownership of the “residual interest” in each REMIC.

In general, regular interests in a REMIC are taxed as debt instruments for U.S. federal income tax purposes under the Code. With respect to the REMIC regular interests corresponding to the Notes, depending upon, among other things, the purchase price paid (or deemed paid) for such Notes, such interests may be treated as issued with OID or premium for U.S. federal income tax purposes. Holders of the Notes should consult their tax advisors regarding the U.S. federal income tax consequences of purchasing, owning and disposing of such Notes.

Each Class of MACR Notes represents interests in the related Exchangeable Notes for U.S. federal income tax purposes. The arrangements pursuant to which the MACR Notes are created and administered will be classified as grantor trusts for U.S. federal income tax purposes.

Enhanced Relief Refinance Reference Obligations will not become part of the Reference Pool unless the IRS provides favorable guidance permitting Enhanced Relief Refinance Reference Obligations to be covered within the underlying Q-REMIC.

See “*Certain United States Federal Income Tax Consequences*” for additional information.

**Legal Investment** . . . . . To the extent that your investment activities are subject to investment laws and regulations, regulatory capital requirements or review by regulatory authorities, you may be subject to restrictions on investment in the Notes. You should consult your legal, tax and accounting advisers for assistance in determining the suitability of and consequences to you of the purchase, ownership and sale of the Notes.

You should be aware that the Notes do not represent an interest in and are not secured by the Reference Pool or any Reference Obligation and that the Notes do not represent obligations of Freddie Mac.

The Notes will not constitute “mortgage related securities” for purposes of SMMEA.

See “*Legal Investment*” for additional information.

**ERISA Considerations** . . . . . Fiduciaries or other persons acting on behalf of or using the assets of (i) any employee benefit plan or arrangement, including an IRA, subject to ERISA, Code Section 4975, or any Similar Law or (ii) an entity which is deemed to hold the assets of such Plan, should carefully review with their legal advisors whether the purchase or holding of a Note could give rise to a transaction prohibited or not otherwise permissible under ERISA, the Code or Similar Law.

Subject to the considerations and conditions described under “*Certain ERISA Considerations*”, it is expected that the ERISA Eligible Notes may be acquired by Plans or persons acting on behalf of, using the assets of or deemed to hold the assets of a Plan. The Non-ERISA Eligible Notes may not be acquired or held by Plans or persons acting on behalf of, using the assets of or deemed to hold the assets of a Plan. See “*Certain ERISA Considerations*”.

**Investment Company Act . . . . .** The Trust has not registered and will not register with the SEC as an investment company under the Investment Company Act in reliance on Section 2(b) of the Investment Company Act. The Trust has been structured with the intent that it will not constitute a “covered fund” for purposes of the Volcker Rule. See *“Risk Factors — Risks Related to the Trust Assets — Risks Associated with Legislation and Regulation — Risks Associated with the Investment Company Act”* and *“— General Risks — The Liquidity of the Notes May Be Limited — Legal and Regulatory Provisions Affecting Investors May Adversely Affect the Liquidity of Your Notes”*.

**Commodity Pool Considerations . . . .** We do not consider the Trust to be a “commodity pool” as such term is defined in the Commodity Exchange Act and, therefore, no person associated with the Trust should be subject to registration with the CFTC as a CPO. If we subsequently determine that the Trust is a “commodity pool,” then we or another Transaction Party may be subject to CPO registration absent an exemption. In this case, we may either (i) cause an early termination of the Collateral Administration Agreement and the Capital Contribution Agreement, which would result in redemption of the Notes prior to the Scheduled Maturity Date, or (ii) we, or another Transaction Party, may register as a CPO. If we determine that the Trust is a “commodity pool” under the Commodity Exchange Act, we will direct the Indenture Trustee to notify Noteholders as to our proposed course of action, including whether we intend to claim an exemption from CPO registration, effect an early redemption of the Notes, or register as a CPO. You should consult your legal advisors to determine whether, and to what extent, you would be impacted if the Trust were to be deemed a “commodity pool” and investments in the Notes were to be deemed an investment in commodity interests that could subject the investor to regulation as a “commodity pool”. See *“Risk Factors — Risks Related to the Trust Assets — Risks Associated with Legislation and Regulation — Risks Associated with the Commodity Exchange Act”* in this Memorandum.

## SUMMARY OF RISK FACTORS

### Special Risks

- **COVID-19:** The COVID-19 pandemic affected, and potentially for the foreseeable future may continue to affect, the business and financial results of Freddie Mac, general economic conditions and the housing market, which may adversely affect your investment.
- **Hurricanes occurring before the Closing Date:** We may remove certain Reference Obligations from the Reference Pool in connection with major hurricanes that impact a mortgaged property securing a Reference Obligation prior to the Closing Date. As a result, a higher rate of Reference Pool Removals may occur.

### Risks Related to the Notes Being Linked to the Reference Pool

- **Credit Events and Modification Events:** The Notes will have credit exposure to the Reference Obligations, and the performance of and yield to maturity on the Notes will be affected by the amount and timing of Credit Events and Modification Events on the Reference Obligations (and the severity of losses realized with respect thereto).
- **Rate and Timing of Principal Payments:** The rate and timing of payments of principal and the yield to maturity on the Notes will be related to the rate and timing of collections of principal payments on the Reference Obligations.
- **Due Diligence and Quality Control Processes Are Limited:** Our quality control and Third-Party Diligence Providers' due diligence review processes are conducted without regard to the Initial Cohort Pool or the Reference Pool. In addition, our quality control and Third-Party Diligence Providers' due diligence review processes are limited and may not uncover all relevant factors that could be indicative of how the Reference Pool will perform. The limited scope and size of the Third-Party Diligence Providers' review of the mortgage loans we acquired that met the Preliminary Eligibility Criteria may not reveal aspects of the mortgage loans which could lead to Credit Events or Modification Events. Although some of the Reference Obligations that are part of the Initial Cohort Pool or the Reference Pool may also be part of the Third-Party Diligence Providers' review samples, the review of such Reference Obligations in the aggregate may not be sufficient for making inferences regarding the quality of the Reference Obligations in the Initial Cohort Pool or the Reference Pool.
- **Risks Associated with Mortgage Loan Purchasing and Servicing Generally:** The performance of the Reference Obligations could be dependent on the performance or actions of sellers and servicers.
- **Risks Associated with Mortgage Loans Generally:** Military action, wars, terrorist attacks, cyberattacks, natural disasters, other catastrophic events, and significant climate change effects may adversely affect your investment.
- **Reference Obligations Having Certain Characteristics May Carry Greater Risk:** Certain types of mortgage loans may experience higher rates of Credit Events and Modification Events, e.g., cash-out refinance mortgage loans and mortgage loans secured by second homes, investment properties, condominium or co-operative units, or manufactured homes. Mortgagors may have, or may in the future incur, additional indebtedness secured by properties securing Reference Obligations.
- **Legislative and Regulatory Risks:** Various laws and regulations that are applicable to the Reference Obligations may adversely affect your investment in the Notes.
- **Mortgage Loan Historical Information May Not Be Indicative of Future Performance:** Mortgage loan historical information is not indicative of future performance of the Reference Pool.

### **Risks Related to the Trust Assets**

- **Risks Related to Eligible Investments:** Unfavorable market conditions may cause changes in the yield of an Eligible Investment. Redeeming units of an Eligible Investment during unfavorable market conditions may affect the net asset value of such Eligible Investment.
- **Risks Related to the Collateral Administration Agreement and the Capital Contribution Agreement:** Our payments required under the Collateral Administration Agreement and the Capital Contribution Agreement are not guaranteed by the United States or any other person and we may assign such payment obligations to a third party.
- **The Rights of Noteholders in the Collateral are Subordinate to the Rights of Others:** The rights of Noteholders with respect to the Collateral may be subject to our prior claims or claims of any other creditor of the Trust that is entitled to priority as a matter of law or by virtue of any nonconsensual lien that such creditor has on the Trust Assets.
- **Risks Associated with Legislation and Regulation:** Various laws and regulations applicable to the Trust may adversely affect your investment in the Notes.

### **Risks Related to Certain Characteristics of the Notes**

- **Payments on the Notes are Not Guaranteed:** Trust Assets may be insufficient to allow the Notes to be repaid in full.
- **Limited Credit Support:** Credit support is limited and may not be sufficient to prevent loss on your Notes.
- **SOFR:** SOFR Rate levels could reduce the yield on the SOFR Notes. Changes to, or elimination of, SOFR could adversely affect your investment in SOFR Notes.
- **Early Redemption:** The Notes may be redeemed before the Scheduled Maturity Date, which may adversely impact your yield or may result in a loss on your investment.
- **Tax Treatment:** Failure to qualify as a REMIC could result in consequences that are materially adverse to Noteholders.

### **Risks Related to Freddie Mac and Other Transaction Parties**

- **Creditworthiness:** If Freddie Mac fails to make any payments, there may not be sufficient Trust Assets to pay your Notes when and as they become due.
- **Governance and Conservatorship:** Future legislation and regulatory actions may adversely affect our business activities. We receive substantial support from Treasury and are dependent upon continued support in order to continue operating our business. Freddie Mac is in conservatorship. FHFA could terminate the conservatorship by placing us into receivership, which could adversely affect the Notes. Future changes in our business practices may negatively affect your investment.
- **Conflicts of Interest:** The Transaction Parties may have conflicts of interest with each other and/or with the Noteholders.

## RISK FACTORS

This Memorandum contains forward-looking statements that involve risks and uncertainties. Actual results could differ materially from those anticipated in these forward-looking statements as a result of certain factors, including the risks described below and elsewhere in this Memorandum. You should carefully consider the risk factors discussed below in conjunction with and in addition to the other information contained in this Memorandum before making an investment in the Notes.

### Special Risks

***The COVID-19 Pandemic Affected, and Potentially for the Foreseeable Future May Continue to Affect, the Business and Financial Results of Freddie Mac, General Economic Conditions and the Housing Market, Which May Adversely Affect Your Investment***

The COVID-19 pandemic may continue to adversely affect the business and financial results of Freddie Mac. The COVID-19 pandemic had a significant adverse effect on the U.S. economy, particularly in the second quarter of 2020. Although certain economic conditions in the United States improved in 2021 and 2022, the pandemic continues to evolve, as experienced with the rapid spread of the Omicron variant, and risks to the U.S. economy from the COVID-19 pandemic remain that could negatively affect the business and financial results of Freddie Mac. The emergence of other viruses, or new or more infectious variants of the coronavirus, potential waning of vaccine effectiveness over time or lower vaccination rates in certain areas of the country could lead to new shut-downs or other business restrictions or constraints in affected areas.

Certain adverse consequences of the COVID-19 pandemic may continue to impact the macroeconomic environment and may adversely affect the performance of the Reference Obligations. In addition, the post-pandemic growth in economic activity and demand for goods and services, alongside labor shortages and supply chain complications, may continue to contribute to heightened inflationary pressures. In response to these inflationary pressures, the Federal Reserve has undertaken a program beginning in March 2022 to raise the target range for the federal funds rate as it deems will be appropriate to return inflation to 2% per annum over time. The extent of the continuing impact of the COVID-19 pandemic on the economic environment and the housing market depends on future developments, which are highly uncertain and difficult to predict, including, but not limited to, the severity and duration of any resurgence of COVID-19 variants, monetary policy of the Federal Reserve and other governmental responses, and how quickly and to what extent economic and operating conditions and consumer and business spending can return to pre-pandemic levels. On April 10, 2023, President Biden signed Joint Resolution H.J.Res. 7 terminating the national emergency declared in March 2020 relating to the COVID-19 pandemic. Protections for borrowers impacted by COVID-19 under the CARES Act have also terminated. Also, the public health emergency declared in January 2020 relating to the COVID-19 pandemic terminated on May 11, 2023. Freddie Mac is in the process of examining its COVID-19-related loss mitigation policies. If Freddie Mac were to end its COVID-19 loss mitigation policies in the future, it may impact borrowers who are later affected by COVID-19, which in turn may impact the performance of the Reference Obligations. We cannot anticipate how any future laws, regulations or directives enacted as a result of the COVID-19 pandemic may affect the Reference Obligations or impact the Notes. See “— *Risks Related to the Notes Being Linked to the Reference Pool — The Notes Bear the Risk of Credit Events and Modification Events with Respect to the Reference Pool*”.

For additional information about the COVID-19 pandemic and our response efforts related thereto, see the Incorporated Documents.

***Hurricanes Occurring Prior to the Closing Date May Negatively Affect the Yield on Your Investment***

We will remove any Reference Obligation from the Reference Pool after the Closing Date to the extent all of the following are true with respect to such Reference Obligation:

1. the related mortgaged property is in an area impacted by a hurricane that makes landfall in the United States prior to the Closing Date,
2. the related mortgaged property is located in a presidentially-declared major disaster area as a result of such hurricane,



3. the related mortgaged property is located in an area for which FEMA authorizes individual assistance to homeowners as a result of such hurricane,

4. such Reference Obligation becomes delinquent, and

5. at any time through the last day of the sixth full calendar month immediately following the first date that such hurricane makes landfall in the United States (i.e., excluding the month in which such landfall occurs), the related servicer reports that such Reference Obligation is in disaster forbearance as a result of such hurricane.

Any such Reference Pool Removal has the same effect on the Reference Pool as a prepayment in full, and, as such, the yield on the Notes may be negatively affected. See “— *Risks Related to the Notes Being Linked to the Reference Pool — The Notes Bear the Risk of Credit Events and Modification Events with Respect to the Reference Pool — The Rate and Timing of Principal Payments on the Reference Obligations May Adversely Affect Your Investment*”.

### **Risks Related to the Notes Being Linked to the Reference Pool**

#### ***The Notes Bear the Risk of Credit Events and Modification Events with Respect to the Reference Pool***

The Notes are not backed or secured by the Reference Obligations and payments on the Reference Obligations (other than certain interest payments from Reference Obligations distributable in respect of the IO Q-REMIC Interest) will not be available or used to make payments on the Notes; however, each Class of Notes will have credit exposure to the Reference Obligations, and the performance of and yield to maturity on the Notes will be affected by the amount and timing of Credit Events and Modification Events on the Reference Obligations (and the severity of losses realized with respect thereto). See “*Description of the Notes — Hypothetical Structure and Calculations with Respect to the Reference Tranches*”.

Credit Events and Modification Events may occur as a result of a wide variety of factors, including a decline in real estate values, and adverse changes in the related mortgagor’s financial condition and the related mortgagor’s employment. A decline in real estate values or economic conditions nationally or in the regions where the related mortgaged properties are concentrated may increase the risk of Credit Events and Modification Events with respect to the Reference Obligations (as well as the severity of the losses realized with respect thereto). Reference Obligations secured by second homes and investment properties may have a higher risk of being subject to a Credit Event or Modification Event than those secured by primary residences.

Pursuant to the hypothetical structure, when a Credit Event or Modification Event that results in a Tranche Write-down Amount occurs, on the related Payment Date, such Tranche Write-down Amount will be allocated to reduce the Class Notional Amount of the most subordinate Class of Reference Tranche that still has a Class Notional Amount greater than zero. Because each Class of Notes corresponds to a related Class of Reference Tranche, any Tranche Write-down Amount allocated to a Class of Reference Tranche pursuant to the hypothetical structure will result in a corresponding reduction in the Class Principal Balance or Notional Principal Amount, as applicable, of the Corresponding Class of Notes and any related MACR Notes (including any Class of MACR Notes that has been further exchanged for other Classes of MACR Notes pursuant to an applicable Combination). Any such reductions in Class Principal Balance or Notional Principal Amount, as applicable, may result in a loss of all or a portion of your investment in the Notes. See “*Description of the Notes — Hypothetical Structure and Calculations with Respect to the Reference Tranches — Allocation of Tranche Write-down Amounts*”.

Similarly, because each Class of Notes corresponds to a related Class of Reference Tranche, following a Modification Event, the Modification Loss Amount, if any, allocated to a Class of Reference Tranche pursuant to the hypothetical structure will result in a reduction in the Interest Payment Amount and/or a reduction in the Class Principal Balance or Notional Principal Amount, as applicable, of the Corresponding Class of Notes and any related MACR Notes (including any Class of MACR Notes that has been further exchanged for other Classes of MACR Notes pursuant to an applicable Combination). Certain Classes of Notes (and any related MACR Notes) will be allocated Modification Loss Amounts to reduce their Interest Payment Amounts immediately after the allocation of Modification Loss Amounts to reduce the Interest Payment Amounts of the Class of Notes (and any related MACR Notes) immediately subordinate to them and before the allocation of Modification Loss

Amounts to reduce the Class Principal Balance of the Class of Notes (and any related MACR Notes) immediately subordinate to them. See “*Description of the Notes — Hypothetical Structure and Calculations with Respect to the Reference Tranches — Allocation of Modification Loss Amount*”.

***The Rate and Timing of Credit Events and Modification Events (and the Severity of Losses Realized with Respect Thereto) May Adversely Affect Your Investment***

If you calculate your anticipated yield based on an assumed rate of Credit Events and Modification Events with respect to the Reference Pool that is lower than the rate actually incurred on the Reference Pool, your actual yield to maturity may be lower than that so calculated and could be negative such that you may fail to receive a full return of your initial investment. The timing of Credit Events and Modification Events and the severity of losses realized with respect thereto will also affect your actual yield to maturity, even if the average rate is consistent with your expectations. See “*Prepayment and Yield Considerations*”.

In general, the earlier a Credit Event or Modification Event occurs, the greater the effect it will have on the yield to maturity. The timing of Tranche Write-down Amounts and the allocation of Modification Loss Amounts may be affected by one or more of a wide variety of factors, including the creditworthiness of the related mortgagor, the related mortgagor’s willingness and ability to continue to make payments, and the timing of market economic developments, as well as legislation, legal actions or programs that allow for the modification of mortgage loans or for mortgagors to obtain relief through bankruptcy or other avenues.

The timing of Tranche Write-down Amounts, as well as the overall amount of such Tranche Write-down Amounts, may adversely affect the return on your Notes. Any Tranche Write-down Amounts allocated to reduce the Class Notional Amount of a Class of Reference Tranche will result in a corresponding reduction in the Class Principal Balance of the Corresponding Class of Notes, which will result in a reduction in the interest paid on those Notes. To the extent that the Class Principal Balance of a Class of Notes is written down due to the allocation of Tranche Write-down Amounts, the interest that accrues on such Class of Notes will be lower than if such Notes had not been written down.

Any Modification Loss Amounts allocated to any Class of Reference Tranche will result in a corresponding reduction of the Interest Payment Amount of the Corresponding Class of Notes. Therefore, the timing of the allocation of Modification Loss Amounts, as well as the overall amount of such Modification Loss Amounts, will affect the return on the Notes.

***Significant Write-downs of Notes That Are Subsequently Subject to Write-ups Will Result in Lost Accrued Interest and Other Adverse Effects***

Any Tranche Write-down Amounts allocated to reduce the Class Notional Amounts of a Class or Classes of Reference Tranches will result in a corresponding reduction in the Class Principal Balance or Notional Principal Amount of the corresponding Class or Classes of Notes. Any subsequent increase in the Class Principal Balance or Notional Principal Amount, as applicable, of such Notes as a result of the reversal of Credit Events will not entitle the Holder of such Class of Notes to any interest that would otherwise have been due during any periods of reduction of the Class Principal Balance or Notional Principal Amount, as applicable, of such Notes. Noteholders could suffer significant loss of accrued interest to the extent of any extended period between a reduction and subsequent increase of the Class Principal Balance or Notional Principal Amount, as applicable, of the Notes. Credit Events may ultimately be reversed, potentially resulting in Tranche Write-up Amounts that write-up the Class Notional Amounts of the Reference Tranches. During the period in which Tranche Write-down Amounts have been allocated, prior to any reversal of Credit Events that result in Tranche Write-up Amounts that write-up the Class Notional Amounts of the Reference Tranches, the Notes will have lost accrued interest on the Class Principal Balance or Notional Principal Amount, as applicable, that was so written down due to the allocation of such Tranche Write-down Amounts for the period of time during which such Credit Event existed and was not reversed.

To the extent that Credit Events occur and are later reversed resulting in the allocation of Tranche Write-up Amounts to write up the Class Notional Amounts of the Reference Tranches, during the period in which the Tranche Write-up Amounts had not yet occurred, the Minimum Credit Enhancement Test, the Cumulative Net Loss Test and the Delinquency Test may not be satisfied due to such Credit Events. As a result, any principal

collections on the Reference Obligations that may otherwise have been allocated to any subordinate Class of Reference Tranches during such period will instead be allocated to the Class A-H Reference Tranche, thereby reducing the amount of principal that will be paid to the Noteholders during such period.

***The Rate and Timing of Principal Payments on the Reference Obligations May Adversely Affect Your Investment***

The rate and timing of payments of principal and the yield to maturity on the Notes will be related to the rate and timing of collections of principal payments on the Reference Obligations and the amount and timing of Credit Events and Modification Events that result in losses being realized with respect thereto. Mortgagors are permitted to prepay their Reference Obligations, in whole or in part, at any time, without penalty.

The principal payment characteristics of the Notes have been designed so that the Notes generally amortize based on the collections of principal payments on the Reference Obligations. Each Class of Notes corresponds to the applicable Mezzanine or Junior Reference Tranche, which will not be allocated Stated Principal for the applicable Payment Date unless each of the Minimum Credit Enhancement Test, the Cumulative Net Loss Test and the Delinquency Test are satisfied for the related Payment Date as described under “*Description of the Notes — Hypothetical Structure and Calculations with Respect to the Reference Tranches — Allocation of Senior Reduction Amount and Subordinate Reduction Amount*”. Unlike securities in a senior/subordinate private label residential mortgage-backed securitization, the principal payments required to be paid to the Original Notes (and any related MACR Notes entitled to principal payments) will be based in part on principal that is collected on the Reference Obligations, rather than on scheduled payments due on the Reference Obligations, as described under “*Description of the Notes — Hypothetical Structure and Calculations with Respect to the Reference Tranches — Allocation of Senior Reduction Amount and Subordinate Reduction Amount*”. In other words, to the extent that there is a delinquent mortgagor who misses a payment (or makes only a partial scheduled payment) on a Reference Obligation, principal payments to the Original Notes (and any related MACR Notes entitled to principal payments) will not be based on the amount that was due on such Reference Obligation, but, rather, will be based in part on the principal collected on such Reference Obligation. Additionally, the Original Notes (and any related MACR Notes entitled to principal payments) will only receive Stated Principal upon the satisfaction of the Minimum Credit Enhancement Test, the Cumulative Net Loss Test and the Delinquency Test for the related Payment Date, as described under “*Description of the Notes — Hypothetical Structure and Calculations with Respect to the Reference Tranches — Allocation of Senior Reduction Amount and Subordinate Reduction Amount*”. You should make your own determination as to the effect of these features on the Notes.

The rate and timing of principal payments (including prepayments) on mortgage loans is influenced by a variety of economic, geographic, social and other factors, but may depend greatly on the level of mortgage interest rates:

- If prevailing interest rates for similar mortgage loans fall below the interest rates on the Reference Obligations, the rate of principal prepayments would generally be expected to increase due to refinancings.
- Conversely, if prevailing interest rates for similar mortgage loans rise above the interest rates on the Reference Obligations, the rate of principal prepayments would generally be expected to decrease.

The rate and timing of principal payments on the Reference Obligations will also be affected by the following:

- the amortization schedules of the Reference Obligations,
- the rate and timing of partial prepayments and full prepayments by mortgagors, due to refinancing, certain job transfers, changes in property value or other factors,
- liquidations of, or modifications resulting in the reduction of the principal balance of, Reference Obligations,
- the time it takes for defaulted Reference Obligations to be modified or liquidated,
- the availability of loan modifications for delinquent or defaulted Reference Obligations,

- the rate and timing of payment in full of Reference Obligations or Reference Pool Removals, and
- if applicable, the rate and timing of the replacement of Reference Obligations in the Reference Pool with the corresponding Enhanced Relief Refinance Reference Obligations.

The rate and timing of principal payments on the Reference Obligations may be affected by the discovery and confirmation of Unconfirmed Underwriting Defects and Unconfirmed Servicing Defects, as well as the confirmation of Underwriting Defects and Major Servicing Defects. When, through our quality control processes, we make a final determination that a Reference Obligation has an Underwriting Defect or a Major Servicing Defect, we will remove the affected Reference Obligation from the Reference Pool and the UPB of such Reference Obligation will be treated as if it were prepaid in full concurrent with such removal. A Reference Pool Removal has the same effect on the Reference Pool as a prepayment in full. See “*General Mortgage Loan Purchase and Servicing — Servicing Standards*” and “— *Quality Control Process*” in Appendix E for a description of our quality control processes. See also “— *Risks Related to the Notes Being Linked to the Reference Pool — Due Diligence and Quality Control Processes Are Limited — Our Review of Reference Obligations That Become Credit Event Reference Obligations May Not Result in Reversed Credit Event Reference Obligations*”.

No representation is made as to the rate of principal payments, including principal prepayments, on the Reference Obligations or as to the yield to maturity of any Class of Notes. In addition, there can be no assurance that any of the Reference Obligations will or will not be prepaid prior to their maturity. You are urged to make an investment decision with respect to any Class of Notes based on the anticipated yield to maturity of that Class of Notes resulting from its purchase price and your own determination as to the anticipated rate of prepayments on the Reference Obligations under a variety of scenarios. In addition, in the event that a Reference Obligation in the Reference Pool is refinanced in the future under the Enhanced Relief Refinance Program and is replaced with the corresponding Enhanced Relief Refinance Reference Obligation, you should expect that a prepayment in full of such refinanced Reference Obligation may not occur and that such corresponding Enhanced Relief Refinance Reference Obligation will remain in the Reference Pool until the occurrence of a Reference Pool Removal. Conversely, if any Reference Obligation in the Reference Pool is not permitted to be replaced with a corresponding Enhanced Relief Refinance Reference Obligation, you should expect that a prepayment in full of such refinanced Reference Obligation will occur upon the refinancing of such Reference Obligation. The extent to which the Notes are purchased at a discount or a premium and the degree to which the timing of payments on the Notes is sensitive to prepayments will determine the extent to which the yield to maturity of the Notes may vary from the anticipated yield.

If you purchase the Notes at a discount, you should consider the risk that if principal payments on the Reference Obligations occur at a rate slower than you expected, your yield will be lower than expected. If you purchase the Notes at a premium, you should consider the risk that if principal payments on the Reference Obligations occur at a rate faster than you expected, your yield will be lower than expected and you may not even recover your investment in the Notes. If you purchase the Interest Only MACR Notes, you should consider the risk that, if principal payments allocated to the related Class of Exchangeable Notes occur at a fast rate, you may not even recover your investments in such MACR Notes. The timing of changes in the rate of prepayments may significantly affect the actual yield to you, even if the average rate of principal prepayments is consistent with your expectations. In general, the earlier the payment of principal of the Reference Obligations, the greater the effect on your yield to maturity. As a result, the effect on your yield due to principal prepayments occurring at a rate higher (or lower) than the rate anticipated during the period immediately following the issuance of the Notes may not be offset by a subsequent like reduction (or increase) in the rate of principal prepayments. See “*Summary — Prepayment and Yield Considerations*” and “*Prepayment and Yield Considerations*”.

For a more detailed discussion of these factors, see “*Prepayment and Yield Considerations*” and “*The Reference Obligations*”.

***Your Investment May Be Adversely Affected by Delays in Liquidation; Net Liquidation Proceeds May Be Less Than the UPB of a Reference Obligation***

There may be a substantial delay between when a Reference Obligation becomes delinquent and when it is liquidated. Substantial delays in distributions of principal on the Notes could be encountered in connection with



the liquidation of delinquent Reference Obligations. Delays in foreclosure proceedings may ensue in certain states or nationwide resulting in increased volumes of delinquent mortgage loans. Reimbursement for servicing advances (which, for this purpose, does not include advances of delinquent interest) made by the seller/servicers and liquidation expenses such as legal fees, real estate taxes and maintenance and preservation expenses will reduce Net Liquidation Proceeds resulting in greater losses being allocated to the Notes. See “— *The Rate and Timing of Principal Payments on the Reference Obligations May Adversely Affect Your Investment*”, “— *Special Risks — The COVID-19 Pandemic Affected, and Potentially for the Foreseeable Future May Continue to Affect, the Business and Financial Results of Freddie Mac, General Economic Conditions and the Housing Market, Which May Adversely Affect Your Investment*” and “*Certain Legal Aspects of Mortgage Loans — Foreclosure*”.

***Credit Enhancement is Limited and Subordinate Classes of Reference Tranches (and Corresponding Classes of Notes) Carry a Higher Risk of Loss***

Each Class of Reference Tranche will have the initial subordination and initial credit enhancement applicable to it as shown in Table 3. However, the amount of such subordination available to any Class of Reference Tranche and any Corresponding Class of Notes will be limited and may decline under certain circumstances as described in this Memorandum. The Class B-3H Reference Tranche will be subordinate to all the other Reference Tranches and any corresponding Classes of Notes and therefore does not benefit from any credit enhancement. See “*Summary — Status and Subordination*” and “*Description of the Notes — Hypothetical Structure and Calculations with Respect to the Reference Tranches — Allocation of Tranche Write-down Amounts*”.

Any Tranche Write-down Amount allocated to a Class of Reference Tranche corresponding to an outstanding Class of Notes will result in a corresponding reduction in the Class Principal Balance of such Class of Notes. The Tranche Write-down Amount with respect to any Payment Date will be allocated in the order of priority described in “*Description of the Notes — Hypothetical Structure and Calculations with Respect to the Reference Tranches — Allocation of Tranche Write-down Amounts*”. See also “*Description of the Notes — Reductions in Class Principal Balances of the Notes Due to Allocation of Tranche Write-down Amounts*”.

Any Modification Loss Amount allocated to a Class of Reference Tranche corresponding to an outstanding Class of Notes will result in a corresponding reduction in the Interest Payment Amount and/or Class Principal Balance of such Class of Notes. Certain Classes of Notes (and any related MACR Notes) will be allocated Modification Loss Amounts to reduce their Interest Payment Amounts immediately after the allocation of Modification Loss Amounts to reduce the Interest Payment Amounts of the Class of Notes (and any related MACR Notes) immediately subordinate to them and before the allocation of Modification Loss Amounts to reduce the Class Principal Balance of the Class of Notes (and any related MACR Notes) immediately subordinate to them. To the extent that Modification Events result in a Modification Loss Amount, such Modification Loss Amount will be allocated in the order of priority described in “*Description of the Notes — Hypothetical Structure and Calculations with Respect to the Reference Tranches — Allocation of Modification Loss Amount*”. See “*Description of the Notes — Hypothetical Structure and Calculations with Respect to the Reference Tranches — Allocation of Modification Loss Amount*”.

***Due Diligence and Quality Control Processes Are Limited***

***Our Quality Control and Due Diligence Review Processes Are Limited and May Not Uncover All Relevant Factors That Could Be Indicative of How the Reference Pool Will Perform***

On an ongoing basis, we perform certain limited post-purchase quality control review procedures with respect to the underwriting and eligibility of the mortgage loans we acquire. See “*General Mortgage Loan Purchase and Servicing — Quality Control Process — Performing Loan Quality Control Review*” and “— *Limitations of the Quality Control Review Process*” in Appendix E. As part of this ongoing process, on a monthly basis, we sample mortgage loans for review from our monthly mortgage acquisition population. The sampled mortgage loans represent a small subset of our monthly acquisition population. Our limited review of a small monthly sample of such mortgage loans is conducted to provide a limited view into the quality of our monthly mortgage loan acquisition population as measured by the rate of mortgage loans meeting related eligibility criteria per our Guide and applicable TOBs and compliance with certain laws, the violation of which

may result in assignee liability, and compliance with certain laws that restrict points and fees. Our ongoing monthly sampling and reviews are not and were not conducted in connection with the Preliminary Eligibility Criteria, or the criteria to select the Initial Cohort Pool or the Reference Pool. However, our ongoing monthly samples may contain mortgage loans which met the Preliminary Eligibility Criteria and which subsequently may have become Reference Obligations. The number of such mortgage loans by month is displayed in Appendix A and such mortgage loans in the aggregate may not be sufficient for making inferences regarding the quality of the Reference Obligations in the Initial Cohort Pool or the Reference Pool. In conducting these review procedures, we relied on information and resources available to us. See “*The Reference Obligations — Results of Freddie Mac Quality Control*” in Appendix A for more detailed information.

These review procedures were intended to discover certain material discrepancies and possible Underwriting Defects in the sample of the mortgage loans reviewed. In the course of this review, we may discover certain incomplete documentation and mortgage loan files provided to us by sellers that we determine to be minor or technical discrepancies. In our discretion, we may accept such mortgage loan files in the form provided to us or we may request the related sellers to update or correct the related mortgage loan files. If any sellers fail to make, or are unable to make, the requested updates or corrections, we may recategorize the related mortgage loans as mortgage loans with an Underwriting Defect. Our review procedures may take several months to discover material discrepancies or resolve any incomplete documentation. Our procedures, however, do not constitute a re-underwriting of the mortgage loans and are not designed or intended to discover every possible defect and may not be consistent with the type and scope of review that you would deem appropriate. In addition, to the extent that the limited review revealed factors that could affect how the mortgage loans may perform, we may have incorrectly assessed the potential significance of the discrepancies that we identified or Unconfirmed Underwriting Defects that we failed to identify. There can be no assurance that our review procedures uncovered all relevant factors that could be indicative of how the reviewed mortgage loans will perform. In addition, because our review was not conducted in connection with the Preliminary Eligibility Criteria, or the criteria to select the Initial Cohort Pool or the Reference Pool, but with respect to the normal course of our review of monthly samples from our monthly acquisition population, we cannot assure you that the error rates regarding material discrepancies we identified in the course of our review are applicable to the Initial Cohort Pool or to the Reference Pool and we cannot assure you that mortgage loans from our monthly sample which have become Reference Obligations can be used to make inferences regarding the quality of the Reference Obligations in the Initial Cohort Pool or the Reference Pool. Similarly, we cannot assure you that the error rates that result from the discovery of any incomplete documentation are applicable to the Initial Cohort Pool or to the Reference Pool. You should note that we undertook this limited review with respect to only a sample of the mortgage loans we acquired in the normal course of our business and did not undertake any review for the remaining mortgage loans. Our limited review was not in connection with the Preliminary Eligibility Criteria, or the criteria to select the Initial Cohort Pool or the Reference Pool. The selection of the mortgage loans that were reviewed was made by us and not by any independent third party. As of the Quality Control Cut-off Date, reviews with respect to a number of mortgage loans were incomplete and such mortgage loans remained subject to random and targeted post-purchase review processes as of such date. The error rates identified in the tables in Appendix A might have been different if such reviews had been complete as of the Quality Control Cut-off Date or if a different cut-off date had been used.

In our limited review we did not and do not review the sampled mortgage loans to ensure that the originators abided by federal, state and local laws and regulations, such as consumer protection laws, in originating the mortgage loans, other than certain laws where we may face legal liability for the noncompliance by the originator. We rely on representations and warranties from our sellers that the mortgage loans have been originated and are being serviced in compliance with all applicable federal, state and local laws and regulations and on federal regulatory agencies that are responsible for enforcing laws that protect mortgagors in this regard. If a Credit Event or Modification Event occurs with respect to a mortgage loan that is a Reference Obligation and we perform a review of such mortgage loan, we do not have procedures in place to review the mortgage loan to determine whether an Underwriting Defect exists with respect to such mortgage loan as a result of a breach of the representation and warranty concerning compliance with all applicable federal, state and local laws and regulations. You should note that, to the extent a Credit Event or Modification Event with respect to a mortgage loan that is a Reference Obligation occurs and the mortgage loan does not comply with all applicable laws, we may not discover a breach related thereto.



***Our Limited Review of a Sample of a Small Percentage of the Mortgage Loans We Acquired Covers Only Some of the Defects Which Could Lead to Credit Events or Modification Events and Would Not Detect All Potentially Relevant Defects***

Mortgage loan and mortgage security credit risk is influenced by various factors, including, most commonly, the credit profile of the mortgagor (e.g., Credit Score, credit history and monthly income relative to debt payments), documentation level, the number of mortgagors, the features of the mortgage itself, the purpose of the mortgage, occupancy type, the type of property securing the mortgage, the LTV ratio and local and regional economic conditions, including home prices and unemployment rates. Our limited review of the mortgage loans we acquired addresses only some of these factors. Importantly, it does not address economic conditions, unemployment rates or other factors that in the past have had, and in the future could have, a material adverse effect on the value of the mortgage loans that are Reference Obligations and the Notes. You should note that our limited review of the mortgage loans we acquired was not conducted in connection with the Preliminary Eligibility Criteria, or the criteria to select the Initial Cohort Pool or the Reference Pool, and covers only some of the defects which could lead to Credit Events or Modification Events. Our limited review of the mortgage loans we acquired was conducted on monthly samples from our monthly acquisition population and to provide a limited view into the quality of our monthly loan acquisition population as measured by the rate of mortgage loans meeting related eligibility criteria per our Guide and TOBs and their compliance with certain laws, the violation of which may result in assignee liability, and their compliance with certain laws that restrict points and fees. Some of the mortgage loans that were selected for review as part of our quality control process may have become Reference Obligations in the Initial Cohort Pool and in the Reference Pool, but the review of such Reference Obligations in the aggregate may not be sufficient for making inferences regarding the quality of the Reference Obligations in the Initial Cohort Pool or the Reference Pool.

***Our Quality Control and Quality Assurance Processes Are Not Designed to Protect Noteholders***

We undertake quality control reviews and servicing quality assurance reviews of small samples of the mortgage loans that sellers deliver to us and that servicers service for us. These processes are intended to determine, among other things, the accuracy of the representations and warranties made by the sellers in respect of the mortgage loans that are sold to us, as well as the presence of servicing related deficiencies. While you may benefit from our quality control and quality assurance processes to the extent that any Unconfirmed Underwriting Defect identified with respect to a mortgage loan that is a Reference Obligation ultimately becomes an Underwriting Defect or any Unconfirmed Servicing Defect ultimately becomes a Major Servicing Defect, in each case resulting in a Tranche Write-up Amount, our processes are not designed or intended to protect Noteholders.

We have ultimate discretion to determine whether or not to pursue the remediation of any issues with respect to mortgage loans identified through our quality control and quality assurance processes and have no express obligation to do so. To the extent our quality control or quality assurance review identifies any Unconfirmed Underwriting Defect or Unconfirmed Servicing Defect with respect to any mortgage loan that is a Reference Obligation, each such Reference Obligation will be included as part of the Reference Pool as of the Closing Date, and will only be removed from the Reference Pool after the Closing Date to the extent that such Unconfirmed Underwriting Defect or Unconfirmed Servicing Defect becomes an Underwriting Defect or a Major Servicing Defect, as applicable. Certain seller representations and warranties will be subject to sunset upon satisfaction of specified performance and other conditions, and may also be subject to relief under the representation and warranty framework. See “*The Reference Obligations — Results of Freddie Mac Quality Control*” in Appendix A and “*General Mortgage Loan Purchase and Servicing — Sunset of Representations and Warranties*” in Appendix E for more detailed information.

No Reference Obligation will be removed from the Reference Pool after the Closing Date solely as a result of the determination of a Minor Servicing Defect, Unconfirmed Servicing Defect or Unconfirmed Underwriting Defect and any such Reference Obligation will remain eligible to become subject to an Underwriting Defect or a Major Servicing Defect. We do not differentiate between the Reference Obligations and mortgage loans that are not in the Reference Pool in pursuing remedies and in determining which mortgage loans are reviewed pursuant to our quality control process. In addition, even if we were to determine that an Unconfirmed Underwriting Defect or Unconfirmed Servicing Defect exists with respect to a Reference Obligation, we cannot assure you that we will require the related seller or servicer to repurchase the related Reference Obligation or agree to an

alternative remedy, such as indemnification, in respect thereof. Moreover, to the extent we do require any such action, we cannot assure you that the related seller or servicer will ultimately repurchase such Reference Obligation or agree to an alternative remedy, such as indemnification. The failure of the related seller or servicer to so repurchase, agree to a full indemnification or pay a fee in lieu of repurchase may result in such Reference Obligation not being subject to a Reference Pool Removal. Furthermore, certain seller representations and warranties will be subject to “sunset” upon satisfaction of specified performance and other conditions, and may also be subject to relief under the representation and warranty framework.

Any benefit that you may derive from the information associated with our standard quality control and quality assurance processes should be weighed against the fact that the mortgage loans subject to our limited review may or may not mirror the mortgage loans that are in the Initial Cohort Pool or the Reference Pool. You should make your own determination as to the extent to which you place reliance on the limited quality control and quality assurance processes we undertake. Additionally, we may at any time change our quality control and quality assurance processes in a manner that is detrimental to the Noteholders. See “*General Mortgage Loan Purchase and Servicing — Quality Control Process*” in Appendix E.

***Our Review of Reference Obligations That Become Credit Event Reference Obligations May Not Result in Reversed Credit Event Reference Obligations***

We will examine through our non-performing loan quality control process every Credit Event Reference Obligation, provided applicable representations and warranties are still in effect and such Credit Event Reference Obligation was acquired by us less than five years from the occurrence of the related Credit Event. We may, at our discretion, review Credit Event Reference Obligations that were acquired by us more than five years from the occurrence of the related Credit Event. Certain representations and warranties may not be enforceable to the extent we have granted Collateral Representation and Warranty Relief or to the extent our ability to enforce the representations and warranties has expired. See “*General Mortgage Loan Purchase and Servicing — Sunset of Representations and Warranties*” and “*General Mortgage Loan Purchase and Servicing — Quality Control Process — Non-Performing Loan Quality Control Review*” and “*General Mortgage Loan Purchase and Servicing — Quality Control Process — Non-Performing Loan Quality Control Review*” and “*General Mortgage Loan Purchase and Servicing — Underwriting Standards — Collateral Valuation*” in Appendix E. As of the Cut-off Date, approximately 43.76% of the Reference Obligations by Cut-off Date Balance are subject to Collateral Representation and Warranty Relief. If we determine through our non-performing loan quality control process that a Credit Event Reference Obligation has an Underwriting Defect or a Major Servicing Defect, Principal Balance Notes that previously had their Class Principal Balances reduced as a result of being allocated Tranche Write-down Amounts may be entitled to have their Class Principal Balances increased to the extent of any resulting Tranche Write-up Amounts that are allocated to the applicable Class of Notes, as described under “*Description of the Notes — Hypothetical Structure and Calculations with Respect to the Reference Tranches — Allocation of Tranche Write-up Amounts*”. It is possible, however, that Credit Event Reference Obligations with certain underwriting or servicing defects may still go undetected despite being subjected to such non-performing loan quality control review. Moreover, in the event we discover an Unconfirmed Underwriting Defect or Unconfirmed Servicing Defect, we will have the sole discretion to determine (i) whether any finding is deemed to be material, and (ii) upon concluding that a finding is material, whether to require the seller or servicer to repurchase the related Reference Obligation, whether to enter into a repurchase settlement in respect of the related Reference Obligation, and if so, for how much, or in the case of an Unconfirmed Underwriting Defect, whether we determine in our sole discretion during the related Reporting Period that such Reference Obligation is no longer acceptable to us. In addition, even if we determine that an Unconfirmed Underwriting Defect or Unconfirmed Servicing Defect exists with respect to a Reference Obligation, we cannot assure you that the related seller or servicer will ultimately repurchase or be able to repurchase such Reference Obligation or that they will agree with us on an alternative remedy (e.g., indemnification), which may result in such Reference Obligation having a delayed classification as an Underwriting Defect, Major Servicing Defect or Minor Servicing Defect.

Our quality control process does not differentiate between the Credit Event Reference Obligations and mortgage loans that are not in the Reference Pool. We encourage you to consider the information in “*General*

*Mortgage Loan Purchase and Servicing — Quality Control Process*” in Appendix E in determining the extent to which you will rely on our loan review and quality control processes.

***The Limited Scope and Size of the Third-Party Diligence Providers’ Review of the Mortgage Loans We Acquired That Met the Preliminary Eligibility Criteria May Not Reveal Aspects of the Mortgage Loans Which Could Lead to Credit Events or Modification Events***

We engaged the Third-Party Diligence Providers to undertake certain limited loan review procedures with respect to various aspects of a very limited number of mortgage loans we acquired that met the Preliminary Eligibility Criteria, but not for the remaining mortgage loans we acquired that met the Preliminary Eligibility Criteria and were not otherwise specifically related to the Initial Cohort Pool or the Reference Pool. The Preliminary Eligibility Criteria reduce the monthly count of mortgage loans that becomes available to the Third-Party Diligence Providers by adding credit risk transfer restrictions, such as the requirement for the original LTV ratio to be greater than 60% and to not exceed 97% (for details of such credit risk transfer restrictions, see the definition of “Preliminary Eligibility Criteria” in the “*Glossary of Significant Terms*”), on mortgage loans in our ongoing monthly quality control sample. It should be noted that the Preliminary Eligibility Criteria do not impact our ongoing monthly quality control sample or the count of mortgage loans for review in our ongoing monthly quality control process; the Preliminary Eligibility Criteria only impact the availability of mortgage loans that are sampled for review by the Third-Party Diligence Providers. The reduced sample, as well as excluding mortgage loans selected for targeted and Servicing Remedy Management reviews, becomes the related Monthly Available Sample. On a monthly basis, the Third-Party Diligence Providers independently select mortgage loans from the related Monthly Available Sample for review and the Third-Party Diligence Providers’ selection becomes the related Monthly Diligence Sample. The Third-Party Diligence Providers’ limited monthly review of the mortgage loans in the related Monthly Diligence Sample was conducted on a small subset of mortgage loans that meet the Preliminary Eligibility Criteria to provide a very limited view into the quality of our ongoing and current credit risk transfer eligible mortgage loan acquisitions as measured by the rate of mortgage loans in the Monthly Diligence Samples meeting related eligibility criteria per our Guide and TOBs and their compliance with certain laws, the violation of which may result in assignee liability, and their compliance with certain laws that restrict points and fees. The Third-Party Diligence Providers’ limited monthly review of the mortgage loans in the Monthly Diligence Samples was not conducted in connection with the Preliminary Eligibility Criteria, or the criteria to select the Initial Cohort Pool or the Reference Pool; although Reference Obligations may be part of a Monthly Diligence Sample, the review of such Reference Obligations in the aggregate may not be sufficient for making inferences regarding the quality of the Reference Obligations in the Initial Cohort Pool or the Reference Pool.

The mortgage loans in the Monthly Available Samples consist of mortgage loans that were previously randomly selected for review by us as part of our ongoing Monthly Random Sample QC Selection, and exclude mortgage loans that were selected for targeted and Servicing Remedy Management reviews. The Monthly Diligence Samples consist of mortgage loans that were randomly and independently selected for review by the Third-Party Diligence Providers from the Monthly Available Samples. As a result, the Monthly Diligence Samples may be of more limited use than a targeted sample for identifying errors with respect to mortgage loans that may have a higher propensity for default. Had the Monthly Diligence Samples been selected on a targeted basis, the results may have been different and potentially may have had a higher error rate than the error rate we found for our Monthly Random Sample QC Selection. In addition, the Monthly Diligence Samples consist of a small subset of mortgage loans that met the Preliminary Eligibility Criteria and the Third-Party Diligence Providers’ reviews did not include all of the mortgage loans we acquired that met the Preliminary Eligibility Criteria. As a result, the mortgage loans that were not included in the review, including mortgage loans that are Reference Obligations, may have characteristics that were not discovered, noted or analyzed as part of the Third-Party Diligence Providers’ review that could, nonetheless, result in those Reference Obligations experiencing Credit Events or Modification Events in the future. Additionally, our own credit related quality control process revealed Underwriting Defect(s) that are identified in the table at “*The Reference Obligations — Results of Freddie Mac Quality Control — Monthly Random Sample QC Credit Review*” in Appendix A. The presence of such Underwriting Defects or discrepancies increases the likelihood of a Credit Event or Modification Event, and increases the likelihood that you may fail to recover your initial investment in the Notes. You should make your own determination as to the value of the due diligence undertaken by the Third-Party Diligence Providers, the

extent to which the characteristics of the Reference Pool can be extrapolated from the error rate and the extent to which you believe that errors and discrepancies found during the various review procedures described in this Memorandum may indicate an increased likelihood of Credit Events (and an increased likelihood of Credit Event Net Losses) or Modification Events with respect to the Reference Obligations (and an increased likelihood of principal write-downs and/or interest reduction amounts on the Notes). See *“The Reference Obligations — Results of Freddie Mac Quality Control”* in [Appendix A](#) for additional detailed information.

The procedures undertaken by the Third-Party Diligence Providers included, among others, a review of the underwriting of certain of the mortgage loans conducted by the related originators and verification of certain aspects of the mortgage loans. Moreover, the review was not intended to be a re-underwriting of the mortgage loans and was in many ways substantially more limited than the scope of review undertaken as part of diligence on other recently issued residential mortgage loan securitization transactions (including that the limited review was performed with respect to mortgage loans that met the Preliminary Eligibility Criteria and was not otherwise specifically related to the Initial Cohort Pool or the Reference Pool). Specifically, the review scope was limited to the scope framework that we undertake in our internal quality control process. In conducting these review procedures, the Third-Party Diligence Providers relied on information and resources available to them (which were limited and which, in most cases, were not independently verified). These review procedures were intended to discover certain material discrepancies and possible material defects in the mortgage loans reviewed. However, these procedures did not constitute a re-underwriting of the mortgage loans, and were not designed or intended to discover every possible discrepancy or defect. See *“The Reference Obligations — Results of Freddie Mac Quality Control”* in [Appendix A](#) for additional detailed information.

We prepared a mortgage loan data tape that included certain characteristics of the mortgage loans we acquired that met the Preliminary Eligibility Criteria. That data tape, including any adjustments we made, was used to generate the statistical information regarding the Reference Obligations included in this Memorandum. The Third-Party Diligence Providers compared certain fields on the data tape solely with respect to the mortgage loans in the combined Monthly Credit Review Sample and Monthly Dual Review Sample. In connection with such data review, the Third-Party Diligence Providers identified certain discrepancies as described more fully in *“The Reference Obligations — Third-Party Due Diligence Review — Data Integrity Review”* in [Appendix A](#), and as individually identified in [Appendix B](#). Because we did not update the mortgage loan data tape to correct these discrepancies, the numerical disclosure in this Memorandum does not reflect a correction to any of these discrepancies with respect to the related mortgage loans that are Reference Obligations. See *“The Reference Obligations — Results of Freddie Mac Quality Control”* in [Appendix A](#) for additional detailed information.

There can be no assurance that any review process conducted uncovered all relevant facts that could be determinative of how the reviewed mortgage loans (including any mortgage loans that are Reference Obligations) will perform. Furthermore, to the extent that the limited review conducted by the Third-Party Diligence Providers did reveal factors that could affect how the mortgage loans will perform, the Third-Party Diligence Providers may have incorrectly assessed the potential severity of those factors. The process for identifying and determining the factors that could affect how the reviewed mortgage loans (including any mortgage loans that are Reference Obligations) will perform is inherently subjective (e.g., in certain instances, we identified such factors where the Third-Party Diligence Providers did not; and conversely, in certain instances, the Third-Party Diligence Providers identified such factors where we did not). See *“The Reference Obligations — Results of Freddie Mac Quality Control”* in [Appendix A](#) for additional detailed information.

You should make your own determination as to the extent to which you place reliance on our limited review procedures and those of the Third-Party Diligence Providers.

See *“The Reference Obligations — Third-Party Due Diligence Review”* in [Appendix A](#) and [Appendix B](#) for more information about the Third-Party Due Diligence Review.

### ***Risks Associated with Mortgage Loan Purchasing and Servicing Generally***

#### ***Servicing Transfers May Result in Decreased or Delayed Collections and Credit Events***

We have the right to terminate servicers as described under *“General Mortgage Loan Purchase and Servicing — Servicing Standards — Servicer Termination Event”* in [Appendix E](#). The removal and transfer of



servicing from one servicer to another creates the risk of disruption in collections due to data input errors, misapplied or misdirected payments, inadequate mortgagor notification, system incompatibilities, potential inability to assign consumer authorizations to effect electronic mortgage payments and other reasons. As a result, the affected Reference Obligations may experience increased delinquencies and defaults, at least for a period of time, until all of the mortgagors are informed of the transfer and comply with new payment remittance requirements (e.g., new servicer payee address) and the related servicing records and all the other relevant data has been obtained by the new servicer. There can be no assurance as to the extent or duration of any disruptions associated with the transfer of servicing or as to the resulting effects on the yields on the Notes.

***Each Servicer's Discretion Over the Servicing of Mortgage Loans That Are Reference Obligations May Adversely Affect Your Investment***

Each servicer is obligated to service mortgage loans in accordance with applicable law, the Guide and TOBs, as applicable; however, a servicer may exercise some discretion with respect to the application of the Guide and TOBs. See “*General Mortgage Loan Purchase and Servicing — Servicing Standards*” in Appendix E. A servicer is not required to service mortgage loans in order to maximize collections on the related Reference Obligations. The manner in which a servicer exercises its servicing discretion or changes its customary servicing procedures could impact the amount and timing of principal collections on the related Reference Obligations, which may adversely affect the amount and timing of principal payments to be made on the Principal Balance Notes. See “*— Applicability of Federal, State and Local Laws — Legislative or Regulatory Actions Could Adversely Affect Our Business Activities and the Reference Pool*”.

***The Performance of Sellers and Servicers May Adversely Affect the Performance of the Reference Obligations***

From time to time, originators and servicers of residential mortgage loans have experienced serious financial difficulties and, in some cases, have gone out of business. There are many factors that can result in such financial difficulties including, for example, declining markets for mortgage loans, claims for repurchases of mortgage loans previously sold under provisions that require repurchase in the event of early payment defaults or for breaches of representations and warranties and increasing costs of servicing without a compensating increase in servicing compensation. Servicers may experience financial difficulties if mortgagors miss payments, including as a result of any forbearance or other mortgagor relief programs we institute or are required to offer by the FHFA or otherwise. Efforts to impose stricter mortgage qualifications for mortgagors or to reduce the presence of us or Fannie Mae in the housing market could lead to fewer alternatives for mortgagors.

The financial difficulties of sellers and servicers of residential mortgage loans may be exacerbated by higher delinquencies and defaults that reduce the value of mortgage loan portfolios, requiring sellers to sell the conditional contract rights of their servicing portfolios at greater discounts to par. The costs of servicing an increasingly delinquent mortgage loan portfolio may increase without a corresponding increase in servicing compensation. For example, the suspension of collection of mortgage payments and moratoriums on foreclosure may require servicers to make more advances to mortgagors than would be typical, thus increasing their expenses, while collecting less in the way of sales and foreclosures, thus decreasing their income. In this situation, servicers may experience cash shortages and in turn may resort to taking loans, including loans that would otherwise be deemed risky, to fund their operations. Some sellers and servicers of residential mortgage loans also have been the subject of governmental investigations and litigation, many of which have the potential to adversely affect the financial condition of such sellers and servicers. Any regulatory oversight, proposed legislation and/or governmental intervention may have an adverse impact on sellers and servicers. These factors, among others, may increase the costs and expenses of sellers and servicers while at the same time decreasing servicing cash flow and loan origination revenues, and in turn may have a negative impact on the ability of sellers and servicers to perform their obligations to us with respect to the Reference Obligations, which could affect the amount and timing of principal collections on the Reference Obligations and the rate and timing of Credit Events and Modification Events (as well as the severity of losses realized with respect thereto). For any seller or servicer that becomes subject to a bankruptcy proceeding, we may receive lump sum settlement proceeds from the bankruptcy estate to cover all liabilities and/or contingent liabilities of such seller or servicer to us (net of, if applicable, all liabilities and/or contingent liabilities of us to such seller or servicer), a portion of

which may include proceeds that relate to underwriting and origination representation and warranty breaches or servicing related breaches. Given the difficulty and impracticality of separately and accurately accounting for the proceeds that relate to underwriting and origination representation and warranty breaches and servicing related breaches, no portion of the settlement proceeds that we may receive will be included in the Origination Rep and Warranty/Servicing Breach Settlement Amounts or otherwise result in a Tranche Write-up Amount. However, if any seller or servicer becomes subject to a bankruptcy proceeding, any Reference Obligations sold or serviced by such seller or servicer that becomes a Credit Event Reference Obligation will be subjected to a non-performing loan review as described under “*General Mortgage Loan Purchase and Servicing — Quality Control Process*” in Appendix E.

If we were to discover an Unconfirmed Underwriting Defect or Unconfirmed Servicing Defect with respect to any Reference Obligation, we may deliver a request to the related seller or servicer to repurchase such Reference Obligation or provide an alternative remedy, as described under “*General Mortgage Loan Purchase and Servicing — Quality Control Process — Repurchases*” and “*— REO Disposition*” in Appendix E. The related seller or servicer may appeal our repurchase request, as described under “*General Mortgage Loan Purchase and Servicing — Quality Control Process — Repurchases*” and “*— REO Disposition*” in Appendix E, which appeals process may significantly delay such Reference Obligation being classified as having an Underwriting Defect, Major Servicing Defect or Minor Servicing Defect. Any lengthy appeals by a seller or servicer or a delay in our determination of an Underwriting Defect, Major Servicing Defect or Minor Servicing Defect, may delay the allocation of any Tranche Write-up Amount to write-up the Class Principal Balances of the Notes. See “*— Risks Related to the Notes Being Linked to the Reference Pool — The Rate and Timing of Credit Events and Modification Events (and the Severity of Losses Realized with Respect Thereto) May Adversely Affect Your Investment*”.

***Classification of Underwriting Defects and Servicing Defects Are Dependent in Part on Cooperation by the Sellers and Servicers***

When we identify an Unconfirmed Underwriting Defect or an Unconfirmed Servicing Defect with respect to a Credit Event Reference Obligation, we seek additional information from the related seller or servicer prior to making a final determination as to whether such defect is an Underwriting Defect or a Major Servicing Defect. Any delay or inability on the part of, or refusal by, the related seller or servicer to cooperate with us in that process may delay or hinder a Credit Event Reference Obligation being classified as having an Underwriting Defect or a Major Servicing Defect, which, in turn, could have a negative impact on the Notes, as this may prevent, delay or reduce the allocation of a Tranche Write-up Amount to potentially write-up the Class Principal Balances of the Notes.

***Solicitation May Result in Erosion in the Overall Credit Quality of the Reference Pool and/or Result in Prepayments***

While we prohibit our servicers from specifically soliciting our mortgagors for refinancing or segregating mortgage loans in their own portfolio from those sold to us for different treatment in terms of refinance advertising, offers or practices (except for HARP refinancing, where they only have to treat Freddie Mac and Fannie Mae serviced loans the same), our servicers and other mortgage lenders are not precluded from conducting broad based consumer advertising and solicitations of mortgagors in general to refinance their mortgage loans. Refinancings may increase the rate of prepayment of the Reference Obligations. The refinancing of a portion of the Reference Obligations may lead to an erosion of the credit quality of the Reference Obligations remaining in the Reference Pool and a resulting increase in the rate of Credit Events and Modification Events (as well as increase the severity of losses realized with respect thereto). You may receive less interest on your Notes as a result of prepayments on such Reference Obligations and as a result may experience a lower yield on your investment. See “*— Reference Obligations Having Certain Characteristics May Carry Greater Risk — Certain Reference Obligations May Be Refinanced Under Our Enhanced Relief Refinance Program, Which May Result in Reference Obligations with High LTV Ratios Being Included in the Reference Pool*”; and “*— Risks Related to the Notes Being Linked to the Reference Pool — The Rate and Timing of Principal Payments on the Reference Obligations May Adversely Affect Your Investment*”.



### ***Underwriting Standards Used by Sellers May Be Less Stringent Than Required by Our Guide***

As described under “*General Mortgage Loan Purchase and Servicing — Underwriting Standards*” in Appendix E, certain sellers have negotiated contracts with us that enable such sellers to sell mortgage loans to us under TOBs that vary from, and may be less stringent than, the terms of our Guide. Mortgage loans originated pursuant to TOBs that are less stringent than the underwriting standards in our Guide, may experience a higher rate of Credit Events and Modification Events (and greater losses realized with respect thereto) than mortgage loans originated in accordance with the Guide. Many of the Reference Obligations have been originated pursuant to TOBs that are less stringent than the underwriting standards set forth in the Guide, which may result in such Reference Obligations experiencing a higher rate of Credit Events and Modification Events (and greater losses realized with respect thereto) than the Reference Obligations originated in accordance with the Guide. In addition, because the TOBs vary by seller, the performance of the Reference Obligations across the Reference Pool may not be uniform or consistent, which may adversely affect the Notes.

### ***Servicers May Not Follow the Requirements of Our Guide or TOBs, and Servicing Standards May Change Periodically***

As described under “*General Mortgage Loan Purchase and Servicing — Servicing Standards*” in Appendix E, some of our servicers have negotiated contracts with us that enable such servicers to service mortgage loans for us under TOBs that vary from the terms of our Guide. Some of the Reference Obligations are being serviced pursuant to TOBs that have different requirements than the servicing standards set forth in the Guide. There is a risk that servicers will not follow the Guide or the terms of the TOBs, which may result in such Reference Obligations experiencing a higher rate of Credit Events and Modification Events than if the Reference Obligations had been serviced in accordance with the Guide or TOBs, as applicable. Also, in the normal course of our business we may make periodic changes to the servicing provisions of the Guide and may negotiate new TOBs with our servicers. Any such future changes or additional TOBs will become applicable to the servicing of the Reference Obligations at such future time. In each case, we are under no obligation to consider the impact these changes or negotiations may have on the Reference Obligations or the Notes and cannot assure you that any future changes will not have an adverse impact on the Reference Obligations and the Notes.

### ***Risks Associated with Mortgage Loans Generally***

#### ***Potential Military Action, Wars, Terrorist Attacks, Cyberattacks and Similar Events May Adversely Affect Your Investment***

The effects that military action by United States forces, wars, revolts, armed conflicts in various parts of the world (including the ongoing Russo-Ukrainian conflict), terrorist attacks or cyberattacks within or outside the United States may have on the performance of the Reference Obligations cannot be predicted. You should consider the possible effects of such events on the delinquency, default and prepayment experience of the Reference Obligations. Federal agencies and non-government lenders have and may continue to defer, reduce or forgive payments and delay foreclosure proceedings in respect of mortgage loans to mortgagors affected in some way by such events from time to time.

The economic impact of military action by United States forces, wars, revolts, armed conflicts, terrorist attacks or cyberattacks domestically or abroad is uncertain, but could have a material adverse effect on general economic conditions, consumer confidence and the financial markets, including the effects of continuing or worsening inflationary pressures and associated changes in monetary policy, and potential or actual economic recession. For instance, the sanctions, bans and other measures on Russia, Russian banks and other entities and individuals in connection with the ongoing Russo-Ukrainian conflict exacerbated global supply issues, increased oil and gas prices and contributed to other inflationary pressures, and may continue to do so. We cannot assure you as to the effect of these events or other world events on property values, cash flow, loan performance or conditions in the securities markets. Any adverse impact resulting from these events could ultimately be borne by the Holders of one or more Classes of Notes.

***Geographic Concentration May Increase Risk of Credit Events Due to Adverse Economic Conditions, Natural Disasters or Climate Change***

A significant concentration of mortgaged properties underlying the Reference Obligations in any state or region will make the performance of the Reference Pool, as a whole, more sensitive to the following factors in the state or region where the mortgagors and the mortgaged properties are concentrated:

- economic conditions, including real estate market conditions;
- changes in governmental rules and fiscal policies, including any foreclosure or eviction moratorium;
- natural disasters such as earthquake, fire, mudslide, flood, tornado, hurricane, volcanic activity and pandemic;
- acts of God, which may result in uninsured losses;
- other factors that are beyond the control of the mortgagors; and
- relief we may offer to mortgagors, such as deferral of payments, permanent modification of a Reference Obligation or any foreclosure or eviction moratorium, related to any of the foregoing.

As a consequence, the performance of the Notes may be sensitive to such factors.

Additionally, in recent years, natural disasters have resulted in catastrophic damage to extensive areas of the Southeastern United States, Puerto Rico, the U.S. Virgin Islands and parts of California and the Northeastern United States. In some cases, the full extent of the damage resulting from the foregoing events, including fire loss, mudslides, severe flooding, high winds and environmental contamination, remains uncertain. Thousands of people have been displaced and interruptions in the affected regional economies have been significant. Although the long-term effects are in some cases unclear, these events, and any other similar events that may occur in the future, could lead to a general economic downturn in the affected regions, including job losses and declines in real estate values. A major disruptive event that either damages or destroys mortgaged properties or negatively impacts the ability of borrowers to make principal and interest payments on their mortgage loans could increase delinquency rates, default rates and average loan loss severity of mortgage loans in the affected region or regions. Further, a major disruptive event or a long-term increase in the vulnerability of an area to disasters that affect borrowers' ability to make payments on their mortgage loans, discourages housing activity including homebuilding or home buying, or causes a deterioration in housing conditions or the general economy in the affected region, could lower the volume of originations in the mortgage market, influence home prices and property values in the affected region or in adjacent regions and increase delinquency rates and default rates. Accordingly, the rate of defaults on mortgage loans in areas affected by natural disasters, including certain of the Reference Obligations, may increase and could result in higher rates of Credit Events or Modification Events.

The frequency and intensity of major weather-related events are indicative of the impact of climate change and this change is expected to persist for the foreseeable future. These events could have a greater than expected impact on mortgaged properties securing the Reference Obligations, including in regions that have previously not experienced frequent major weather- and climate-related events. Furthermore, legal or regulatory responses to concerns about global climate change may affect the housing markets and, as a result, our business. Steps to address the risk of more frequent or severe weather events resulting from climate change could result in a potentially disruptive transition away from carbon-intense industries. Such a transition could negatively affect certain industries and regional economies, hampering the ability of borrowers in those industries or regions to make payments on the Reference Obligations. In addition, the increased severity and frequency of major natural disasters negatively affects our ability to forecast losses from such events, which may negatively impact our ability to accurately address the likelihood of such losses. As a result, any continuation or increase in recent weather trends or their unpredictability, or any single natural disaster of significant scope or intensity, could have a material impact on our results of operations and financial condition and on our ability to perform our obligations in connection with the Notes. The foregoing could adversely affect the yields on the Notes and may result in losses on the Notes.

Any deterioration in housing prices in a state or region due to adverse economic conditions, natural disasters, climate change or other factors, any deterioration of the economic conditions or natural disasters in a state or region that adversely affects the ability of borrowers to make payments on the Reference Obligations, and any deterioration in our financial position that reduces our ability to make any payments required under the Collateral Administration Agreement or the Capital Contribution Agreement, could adversely affect the yields on the Notes and may result in losses on the Notes.

See Appendix A for additional information relating to the geographic concentration of the mortgaged properties underlying the Reference Obligations.

***Turbulence in the Residential Mortgage Market and/or Financial Markets and/or Lack of Liquidity for Mortgage-Related Securities May Adversely Affect the Performance and Market Value of the Notes***

Prior to the COVID-19 pandemic, the single-family housing market had improved by many measures compared to the period of 2005 through 2015. However, current economic conditions may continue to present uncertainty to the single-family housing market and turbulence in the residential mortgage market and/or financial markets and/or lack of liquidity for mortgage-related securities may adversely affect the performance and market value of the Notes. Prior to 2016, there was a significant inventory of seriously delinquent loans and REOs in the market. The serious delinquency rate of our single-family loans declined during that time period, but the serious delinquency rate of the loans originated from 2005 through 2008 that we acquired remains high compared to similar rates for the loans we acquired in years prior to 2005 due to weakness in home prices in the last several years, higher unemployment in some areas, extended foreclosure timelines and continued challenges faced by servicers in processing problem loans, including adjusting their processes to accommodate changes in servicing standards, such as those dictated by legislative or regulatory authorities. Residential loan performance has been generally worse in areas with higher unemployment rates and where declines in property values have been more significant during recent years. In its National Delinquency Survey, the Mortgage Bankers Association presents delinquency rates both for mortgages it classifies as subprime and for mortgages it classifies as prime conventional. The delinquency rates of subprime mortgages are markedly higher than those of prime conventional loan products in the Mortgage Bankers Association survey; however, the delinquency experience in prime conventional mortgage loans originated during the years 2005 through 2008 has been significantly worse than in any year since the 1930s. You should make your own determination as to how delinquencies will affect the Notes.

Market and economic conditions during the past several years and more recently have caused significant disruption in the credit markets. Continued concerns about the availability and cost of credit, the U.S. mortgage market, some real estate markets in the U.S., economic conditions in the U.S., Europe, China and elsewhere and the systemic impact of inflation or deflation, energy costs and geopolitical issues have contributed to increased market volatility and diminished expectations for the U.S. economy. Increased market uncertainty and instability in both U.S. and international capital and credit markets, combined with declines in business and consumer confidence and increased unemployment, have contributed to volatility in domestic and international markets.

During the recession caused by the 2008 financial crisis, losses on all types of residential mortgage loans increased due to declines in residential real estate values, resulting in reduced home equity. Although home prices since 2014 have shown greater stability and increased in some geographic areas, the U.S. entered a brief recession in 2020 as a result of the COVID-19 pandemic. Despite a recent surge in home prices, there can be no assurance that a decline in home prices will not resume and continue for an indefinite period of time in the future. A decline in property values or the failure of property values to increase where the outstanding balances of mortgage loans and any secondary financing on the related mortgaged properties are close to or in excess of the value of the mortgaged properties may result in higher delinquencies, foreclosures and losses. Any decline in real estate values may be more severe for mortgage loans secured by high cost properties than those secured by low cost properties. Declining property values may create an oversupply of homes on the market, which may increase negative home equity. Nationwide home price appreciation rates generally were negative from late 2007 through 2012, and this trend may recur at any time. Higher LTV ratios generally result in lower recoveries on foreclosure, and an increase in loss severities above those that would have been realized had property values remained the same or continued to appreciate.

The U.S. economy could experience a recession for many reasons, including, but not limited to, unemployment rates, rising government debt levels, prospective Federal Reserve policy shifts, changing U.S. consumer spending patterns, supply chain limitations and changing expectations for inflation and deflation. Income growth, inflation and unemployment levels affect mortgagors' ability to repay mortgage loans, and you should consider the risk of a stagnation or recession with respect to the U.S. economy when making your investment decision with respect to the Notes. See *“—Applicability of Federal, State and Local Laws — Legislative or Regulatory Actions Could Adversely Affect Our Business Activities and the Reference Pool”*. Continued concerns about the economic conditions in the United States, China, Europe and elsewhere, including downgrades of the long-term debt ratings of certain European nations and the United States, generally have contributed to increased market volatility and diminished growth expectations for the U.S. economy and may have an impact on the U.S. or global financial situation and adversely affect the market value of the Notes.

The UK ceased to be a member of the EU at 11:00 p.m. London time on January 31, 2020 and EU law ceased to apply in the UK at 11:00 p.m. London time on December 31, 2020. There is uncertainty as to the scope, nature and terms of the relationship between the UK and the EU after December 31, 2020. This uncertainty could adversely affect economic and market conditions in the UK, in the EU and its member states and elsewhere, and could contribute to uncertainty and instability in global financial markets. Under the European Union (Withdrawal) Act 2018 of the UK, EU law as it stood as of December 31, 2020 generally became part of UK domestic law with effect from 11:00 p.m. London time on that date, subject to certain UK amending regulations.

Subsequent to the 2008 financial crisis, the Federal Reserve adopted an easing stance in monetary policy referred to as “quantitative easing”; e.g., buying mortgage-backed securities and cutting interest rates, which are intended to lower the cost of borrowing and result in higher investment activity and, in turn, stimulate the economy. Based on the stabilization of unemployment since the 2008 financial crisis, as well as the increase in home prices, the Federal Reserve began to reduce the quantitative easing and in October 2014 announced the end of the quantitative easing program. The Federal Reserve increased its benchmark interest rate many times since the 2008 financial crisis, including recently as discussed more fully below. To the extent that interest rates continue to rise as a result of the Federal Reserve's action or otherwise, the availability of refinancing alternatives for the Reference Obligations may be reduced.

In response to the COVID-19 pandemic, the Federal Reserve took emergency action to cut its benchmark rate down to a range of between 0% and 0.25%, to inject additional funds into the short-term lending markets and to implement quantitative easing and other measures to support financial institutions, other businesses and the credit markets. In addition, beginning in March 2020, the Federal Reserve, in conjunction with the Treasury, announced an extensive series of measures to provide liquidity and support the economy. In November of 2021, the Federal Reserve announced it would begin reducing the monthly pace of its net asset purchases by \$10 billion for Treasury securities and \$5 billion for agency mortgage-backed securities. In May 2023, the Federal Reserve raised the target range for the federal funds rate to 5.00% to 5.25%. In addition, since June of 2022, the Federal Open Market Committee has been reducing its holdings of Treasury securities and agency debt and agency mortgage-backed securities. We cannot predict what, if any, additional action the Federal Reserve or other federal and state agencies may take in the future. In addition, it is uncertain what impact any newly announced quantitative easing programs by the Federal Reserve will have on the Reference Obligations.

As a result of market conditions and other factors, the cost and availability of credit has been and in the future may be adversely affected by illiquid credit markets and wider credit spreads. Concern about the stability of the markets and the creditworthiness of counterparties has led many lenders and institutional investors to reduce, and in some cases cease, lending to certain mortgagors. Continued turbulence in the U.S. and international markets and economies may negatively affect the U.S. housing market and the credit performance and market value of residential mortgage loans.

In addition, a difficult economic environment caused by inflationary pressures and other factors (which may or may not affect real property values) may affect the mortgagors' timely payment of scheduled payments of principal and interest on the Reference Obligations and, accordingly, may increase the occurrence of delinquencies, Credit Events and Modification Events (and possibly the severity of losses realized with respect thereto) with respect to the Reference Obligations and adversely affect the amount of Net Liquidation Proceeds realized in connection with certain Credit Events. Further, the time periods to resolve defaulted mortgage loans

may be long, and those periods may be further extended because of mortgagor bankruptcies, related litigation and any federal and state legislative, regulatory and/or administrative actions or investigations.

Further, certain sectors of the secondary market for mortgage-related securities are experiencing liquidity issues as a result of the recent volatility due to economic disruptions and those sectors and the overall market may experience extremely limited liquidity in the future. These conditions may continue or worsen in the future. Limited liquidity in the secondary market for mortgage-related securities could adversely affect a Noteholder's ability to sell the Notes or the price such Noteholder receives for the Notes and may continue to have a severe adverse effect on the market value of mortgage-related securities, especially those that are more sensitive to prepayment or credit risk.

Moreover, negative economic trends may also increase the likelihood that banks and other financial entities may suffer a bankruptcy or insolvency. The bankruptcy or insolvency of any such entity may have an adverse effect on the Trust, one or more other Transaction Parties, the Reference Pool or the Notes in ways that may not be able to be anticipated in advance. For example, the FDIC was appointed as receiver of Silicon Valley Bank, Signature Bank and First Republic Bank on March 10, 2023, March 12, 2023 and May 1, 2023, respectively, to protect depositors of those banks following their unexpected closures that resulted in part due to severe capital and liquidity concerns. Although fluid and uncertain at this time, these developments and any other possible disruptions in the banking industry could have a material adverse impact on the value and liquidity of the Notes or may adversely affect one or more of the Transaction Parties.

These factors and general market conditions, together with the limited amount of credit enhancement (as further described in this Memorandum), could adversely affect the performance and market value of the Notes and result in a full or partial loss of your initial principal investment. See *"Prepayment and Yield Considerations — Yield Considerations with Respect to the Notes"*. There can be no assurance that governmental intervention or other actions or events will improve these conditions in the near future.

#### ***Residential Real Estate Values May Fluctuate and Adversely Affect the Notes***

No assurance can be given that values of the mortgaged properties have remained or will remain at their levels on the dates of origination of the Reference Obligations. If the residential real estate market should experience an overall decline in property values so that the outstanding balances of the Reference Obligations, and any secondary financing on the mortgaged properties, become equal to or greater than the value of the mortgaged properties, the actual rates of delinquencies, foreclosures and losses could be higher than expected. The Reference Obligations with relatively higher LTV ratios will be particularly affected by any decline in real estate values. Any decline in real estate values may be more severe for Reference Obligations secured by high cost properties than those secured by low cost properties. Any decrease in the value of Reference Obligations may result in (i) Tranche Write-down Amounts that are allocable to the Notes to the extent Credit Events or Modification Events occur with respect to such Reference Obligations or (ii) interest reduction amounts on the Notes to the extent Modification Events occur with respect to such Reference Obligations.

The United States previously went through a recession with a large number of mortgage loan delinquencies and defaults, resulting in a large number of foreclosure properties being placed on the market, and losses realized by owners of mortgage loans, including securitization trusts. Some of these problems may still exist with respect to the level of foreclosure properties and undercollateralized mortgage loans. As a result of the COVID-19 pandemic, the United States entered another recession that began in March of 2020 and ended in April of 2020. Investors should consider that losses on mortgage loans may rise, or may return to high levels, as a result of factors such as the recurrence of high unemployment rates, high levels of foreclosures and large inventories of unsold properties.

#### ***Reduced Availability of Refinancing Options May Result in a Higher Rate of Credit Events and Modification Events***

Reduced availability of refinancing options for mortgagors may result in higher rates of delinquencies, Credit Events and Modification Events (and losses realized with respect thereto) on the Reference Obligations. The availability of refinancing options can be affected by regulatory and legislative actions. For example, the CFPB published a rule implementing Sections 1411 and 1412 of the Dodd-Frank Act, which generally requires



creditors to make a reasonable, good faith determination of a consumer's ability to repay any consumer credit transaction secured by a dwelling and establishes certain protection from liability under this requirement for qualified mortgages. The rule was amended to redefine a qualified mortgage and became effective on March 1, 2021, with a mandatory compliance date of October 1, 2022. On April 8, 2021, the GSEs announced that any loans with application received dates on or after July 1, 2021 must conform to the requirements outlined in the CFPB's amended qualified mortgage final rule. The rule and any future changes to the rule may result in a reduction in the availability of loans in the future that do not meet the criteria of a qualified mortgage as outlined in the rule and may adversely affect the ability of mortgagors to refinance the Reference Obligations. No assurances are given as to the effect of the rule on the value of your Notes.

***Statutory and Judicial Limitations on Foreclosure Procedures May Delay Recovery in Respect of the Mortgaged Properties and, in Some Instances, Limit the Amount That May Be Recovered by the Servicers, Resulting in Losses on the Reference Obligations That Might Be Allocated to the Notes***

Foreclosure procedures may vary from state to state. Two primary methods of foreclosing a mortgage instrument are judicial foreclosure, involving court proceedings, and non-judicial foreclosure pursuant to a power of sale granted in the mortgage instrument. A foreclosure action is subject to most of the delays and expenses of other lawsuits if defenses are raised or counterclaims are asserted. Delays may also result from difficulties in locating necessary defendants. Non-judicial foreclosures may be subject to delays resulting from state laws mandating the recording of notice of default and notice of sale and, in some states, notice to any party having an interest of record in the real property, including junior lienholders. Some states have adopted "anti-deficiency" statutes that limit the ability of a creditor to collect the full amount owed on a mortgage loan if the property sells at foreclosure for less than the full amount owed. In addition, United States courts have traditionally imposed general equitable principles to limit the remedies available to creditors in foreclosure actions that are perceived by the court as harsh or unfair. The effect of these statutes and judicial principles may be to delay and/or reduce distributions in respect of the Notes. See "*Certain Legal Aspects of Mortgage Loans — Foreclosure*".

In May 2022, the New York State Senate and General Assembly passed Senate Bill S5473D and Assembly Bill 7737B, respectively, which are each entitled "An act to amend the real property actions and proceedings law, the general obligations law and the civil practice law and rules, in relation to the rights of parties involved in actions commenced upon real property related instruments". On December 30, 2022, the Governor of the State of New York signed this bill into law as the New York Foreclosure Abuse Prevention Act (the "FAPA"). The FAPA may make completing a foreclosure action in New York more difficult. In particular, the FAPA prohibits the unilateral tolling or re-setting of the six-year statute of limitations to commence a foreclosure action, even in cases where de-acceleration of a foreclosure filing is sought to put a loss mitigation solution in place. In the case of a subsequent default, the FAPA may make it more likely that the six-year statute of limitations will run before a foreclosure action can be commenced, which could lead to unenforceability of certain mortgage loans in New York state. The FAPA's provisions are retroactive. Accordingly, for mortgage loans for which a foreclosure action had been commenced prior to the enactment of the FAPA, the effects of the changes related to the statute of limitations and other foreclosure provisions may interfere with the enforceability of such mortgage loans. The effect of the FAPA may be to reduce payments in respect of the Notes. As of the Cut-off Date, approximately 4.88% of the Reference Obligations by Cut-off Date Balance are secured by mortgaged properties located in New York.

***Delays in the Foreclosure Process May Result in Delays or Reductions in Payments on the Notes***

Delays in conducting foreclosures of mortgage loans that are Reference Obligations may result in delays or reductions in payments on the Notes. There are many factors that may delay the foreclosure process with respect to any particular mortgage loan, including but not limited to, legal actions brought by the mortgagor including bankruptcy filings and challenges based on technical grounds such as on alleged defects in the mortgage loan documents and alleged defects in the documents under which the mortgage loan was securitized. A number of such challenges by mortgagors have been successful in delaying or preventing foreclosures and it is possible that there will be an increase in the number of successful challenges to foreclosures by mortgagors.

The length of time it takes to complete the foreclosure process may also be affected by applicable administrative rules and regulations including, but not limited to, rules promulgated by the CFPB that require



servicers to, among other things, exhaust all feasible loss mitigation options, such as those we make available to mortgagors, before proceeding with foreclosures.

Enforcement of the applicable laws, rules and regulations, and how effectively that enforcement is carried out, may also affect the length of time it takes to complete the foreclosure process. See “— *Applicability of Federal, State and Local Laws — Governmental Actions May Affect Servicing of Mortgage Loans and May Limit the Servicer’s Ability to Foreclose*”.

#### ***Insurance Related to the Mortgaged Properties May Not Be Sufficient to Compensate for Losses***

Although the mortgaged properties may be covered by insurance policies, such as hazard insurance or flood insurance, no assurance can be made that the proceeds from such policies will be used to repay any amounts owed in respect of such Reference Obligations or will be used to make improvements to the mortgaged properties that have values that are commensurate with the value of any of the damaged improvements. In addition, even though an insurance policy may cover the “replacement cost” of the improvements on any mortgaged property, the proceeds of such insurance policy may not be sufficient to cover the actual replacement cost of such improvements or the appraised value of the improvements on any mortgaged property. No assurance can be given that the insurer related to any such hazard or flood insurance policy will have sufficient financial resources to make any payment on any such insurance policy or that any such insurer will not challenge any claim made with respect to any such insurance policy resulting in a delay or reduction of the ultimate insurance proceeds which could have a material adverse effect on the performance of the Notes. Furthermore, to the extent any mortgaged property becomes an unoccupied REO, with such vacancy verified by a property condition certificate, we may, but are not obligated to, acquire third-party hazard insurance on such properties. To the extent a mortgaged property related to a Reference Obligation becomes an REO, uninsured hazards on such REO could result in lower Net Liquidation Proceeds upon the liquidation of such Reference Obligation and the realization of greater losses on such Reference Obligation.

Further, we cannot assure you that any damage to the mortgaged properties caused by hurricanes, windstorms, floods, tornadoes or fires would be covered by insurance. In addition, the National Flood Insurance Program (“NFIP”) is scheduled to expire on September 30, 2023. We cannot assure you if or when the NFIP will be reauthorized by Congress. If the NFIP is not reauthorized, it could adversely affect the value of mortgaged properties in flood zones or the mortgagors’ ability to repair or rebuild their properties after flood damage.

In October 2021, FEMA launched “**Risk Rating 2.0**,” an actuarial and risk-based approach to pricing flood insurance premiums to better reflect a property’s flood risk, irrespective of whether the property is located in a FEMA-designated Special Flood Hazard Area. Since October 1, 2021, all new flood insurance policies through FEMA’s NFIP have been subject to Risk Rating 2.0 premiums. Existing policyholders eligible for renewal between October 1, 2021 and March 31, 2022 were able to begin taking advantage of immediate decreases in their premiums. All remaining policies that renew on or after April 1, 2022 are subject to the premiums. We expect that most households with insurance through the NFIP will experience either a decrease or a slight increase in premiums. However, a relatively small number of households may experience significant increases in premiums. Annual increases in flood insurance premiums are limited by statute to 18%. Accordingly, some households will experience multiple years of increases. The increasing applicability of Risk Rating 2.0 and any related increases in premiums may impact insurance affordability and uptake and the maintenance of ongoing coverage, as well as property values for affected properties, including properties securing the Reference Obligations.

The risk of significant flooding in places outside of a Special Flood Hazard Area (i.e., areas where we do not require flood insurance) is expected to increase in the coming years as a result of climate change. For example, in September 2022, Hurricane Ian caused significant wind and water damage to extensive areas of Florida, including areas outside of a Special Flood Hazard Area. Increases in the intensity or frequency of floods or other weather-related disasters as a result of climate change will expand the foregoing risks. To the extent borrowers suffer property damage as a result of a hazard for which we do not generally require insurance, such as earthquake damage or flood damage on a property located outside of a Special Flood Hazard Area, borrowers submit claims under insurance policies that are not paid, or if flood insurance protection is insufficient to cover all losses, borrowers may be unable or unwilling to make timely payments on their mortgage loans.

***Reference Obligations Having Certain Characteristics May Carry Greater Risk***

***Certain Reference Obligations May Be Refinanced Under Our Enhanced Relief Refinance Program, Which May Result in Reference Obligations with High LTV Ratios Being Included in the Reference Pool***

In 2016, FHFA directed us and Fannie Mae to develop a high LTV ratio refinance offering to provide refinance opportunities to borrowers with existing government-sponsored enterprise mortgage loans who are making their mortgage payments on time but whose LTV ratio for a new mortgage exceeds the maximum allowed for standard refinance products under our Guide. As of the Cut-off Date, approximately 100% of the Reference Obligations by Cut-off Date Balance meet the origination date criteria for the Enhanced Relief Refinance Program. See “*General Mortgage Loan Purchase and Servicing — Enhanced Relief Refinance Program*” in Appendix E for a description of the program. Subject to the satisfaction of certain conditions described in the definition of “Reference Pool Removal” in the “*Glossary of Significant Terms*”, Reference Obligations that are refinanced under the Enhanced Relief Refinance Program will be replaced in the Reference Pool by the corresponding Enhanced Relief Refinance Reference Obligations, which could result in a greater proportion of high LTV ratio mortgage loans in the Reference Pool than would otherwise be the case. Investors should consider that a higher number of mortgage loans with high LTV ratios in the Reference Pool may result in increased Credit Events and Modification Events (as well as increased severity of losses realized with respect thereto). See “— *Risks Related to the Notes Being Linked to the Reference Pool — The Notes Bear the Risk of Credit Events and Modification Events with Respect to the Reference Pool*”. Additionally, under the Enhanced Relief Refinance Program, it is possible that lenders may apply their own funds to reduce principal as inducements to borrowers to refinance. Although such principal reductions are expected to be limited, we cannot predict the effect of any such reductions on the amount of principal allocated to the Reference Tranches and, accordingly, on the Weighted Average Lives of the Notes. Additionally, mortgage loans originated under the Enhanced Relief Refinance Program with an LTV ratio exceeding 80% will not be required to obtain mortgage insurance provided such original mortgage loans (i) were not required to obtain mortgage insurance in accordance with our Guide or (ii) were required to obtain mortgage insurance but such mortgage insurance was cancelled after origination in accordance with our Guide. On May 26, 2021, we announced that we would pause our purchase of mortgage loans under the Enhanced Relief Refinance Program until further notice. Enhanced Relief Refinance Reference Obligations will not become part of the Reference Pool unless the IRS provides favorable guidance permitting Enhanced Relief Refinance Reference Obligations to be covered within the underlying Q-REMIC. In consultation with the FHFA and Fannie Mae, we will determine how to modify the terms of this program.

***Mortgagors May Have, or May in the Future Incur, Additional Indebtedness Secured by Mortgaged Properties Securing the Reference Obligations***

As of the Cut-off Date, approximately 0.14% of the Reference Obligations by Cut-off Date Balance are secured by mortgaged properties that also were subject to subordinate mortgage liens at the respective times of origination of those Reference Obligations and considered in the underwriting of such Reference Obligations. Mortgagors may generally obtain additional mortgage loans secured by their respective properties at any time and we are not generally entitled to receive notification when a mortgagor does so. Therefore, it is possible that mortgagors have obtained additional post-origination subordinate mortgages. If such a post-origination subordinate mortgage is obtained with respect to a Reference Obligation, this additional indebtedness could increase the risk that the value of the related mortgaged property is less than the total indebtedness secured by such mortgaged property and could increase the risk of Credit Events and Modification Events (as well as increase the severity of the losses realized with respect thereto) on such Reference Obligation. The existence of subordinate mortgage liens may adversely affect default rates because the related mortgagors must make two or more monthly payments and also because such subordinate mortgages will result in an increased CLTV ratio of the mortgage loans. A default on a subordinate mortgage loan could cause the related mortgaged property to be foreclosed upon at a time when the first mortgage loan remains current as to scheduled payments. If this should occur with respect to the Reference Obligations, it may affect prepayment rates on the Reference Obligations and could result in increased Credit Events with respect to the Reference Obligations, which could adversely affect the Noteholders. Further, with respect to mortgage loans that have subordinate lien mortgages encumbering the same mortgaged property, the risk of Credit Events and Modification Events (as well as the severity of the losses

realized with respect thereto) may be increased relative to mortgage loans that do not have subordinate financing since mortgagors who have subordinate lien mortgages have less equity in the mortgaged property. In addition, due to the recent trend of rising mortgage interest rates, many mortgagors may be unable or unwilling to refinance their existing first lien mortgage loans, as any refinanced first lien mortgage loan will likely have an interest rate that is higher than that on their existing mortgage loan. Accordingly, mortgagors may decide to maintain their existing first lien mortgage loans and take out second lien mortgage loans to access the increased equity in their homes as opposed to incurring a much higher interest rate on the full amount of cash-out refinanced first lien mortgage loans. We have not independently verified the existence of any subordinate liens on any mortgaged properties securing the Reference Obligations, and any information provided in this Memorandum as to subordinate liens on any mortgaged properties securing the Reference Obligations is based solely on the representation made by the related seller in connection with our acquisition of the related Reference Obligations.

***The Rate of Credit Events and Modification Events on Reference Obligations That Are Secured by Second Homes or Investment Properties May Be Higher than on Other Reference Obligations***

As of the Cut-off Date, approximately 4.11% of the Reference Obligations by Cut-off Date Balance are secured by properties acquired as second homes or investment properties. Mortgage loans secured by properties acquired as second homes or investments may present a greater risk that the mortgagor will stop making monthly payments if the mortgagor's financial condition deteriorates. Properties acquired as second homes or investments may have a higher frequency of Credit Events and Modification Events than properties that are owner-occupied. In a default, mortgagors who do not reside in the mortgaged property may be more likely to abandon the related mortgaged property. This risk may be especially pronounced for mortgagors with mortgage loans on more than two properties. In addition, income expected to be generated from an investment property may have been considered for underwriting purposes in addition to the income of the mortgagor from other sources. Should this income not materialize, it is possible the mortgagor would not have sufficient resources to make payments on the mortgage loan.

The percentage of the Reference Obligations described in the preceding paragraph does not include any mortgage loans secured by second homes or investment properties for which the related mortgagor identified the purpose of the loan as owner-occupied. Any such mortgage loan may perform similarly (and demonstrate similar risks) to mortgage loans described in the preceding paragraph. We have not independently verified the occupancy status of any home, and any information provided in this Memorandum as to owner occupancy is based solely on the representation made by the related mortgagor in connection with the origination of the related Reference Obligation.

***The Rate of Credit Events and Modification Events on Reference Obligations That Are Cash-out Refinance Transactions May Be Higher Than on Other Reference Obligations***

As of the Cut-off Date, none of the Reference Obligations were originated as cash-out refinance transactions. In a cash-out refinance transaction, in addition to paying off existing mortgage liens, the mortgagor obtains additional funds that may be used for other purposes, including paying off subordinate mortgage liens and providing unrestricted cash proceeds to the mortgagor. In other refinance transactions, the funds are used to pay off existing mortgage liens and may be used in limited amounts for certain specified purposes; such refinances are generally referred to as "no cash-out" or "rate and term" refinances. Cash-out refinancings generally have had a higher risk of Credit Events and Modification Events than mortgage loans originated in no cash-out, or rate and term, refinance transactions.

***Mortgage Loans with High LTV Ratios Leave the Related Mortgagors with Little or No Equity in the Related Mortgaged Properties, Which May Result in Credit Events on the Reference Obligations***

The Reference Obligations were originated with LTV ratios greater than 80% and less than or equal to 97%. Mortgage loans with high LTV ratios may present a greater risk of mortgagor default relative to mortgage loans with lower LTV ratios to the extent the mortgagors with the mortgage loans with high LTV ratios have limited or no equity in the related mortgaged properties. In addition, an overall decline in the residential real estate market, a rise in interest rates over a period of time and the general condition of the related mortgaged property, as well

as other factors, may have the effect of reducing the value of the related mortgaged property from the value at the time the mortgage loan was originated and mortgagors may experience reduced incentives to continue making their required monthly payments. If the value of a mortgaged property decreases, the LTV ratio may increase over what it was at the time the related mortgage loan was originated, which may further reduce the incentives for the mortgagor to continue their required monthly payment. There can be no assurance that the LTV ratio of any mortgage loan determined at any time after origination will be less than or equal to its original LTV ratio. Furthermore, a mortgagor may have obtained at or around the time of origination, or may obtain at any time thereafter (without our knowledge), additional subordinate financing, which would further reduce the equity the mortgagor would otherwise have in the related mortgaged property. You should consider the risk that Reference Obligations with high LTV ratios may experience higher rates of Credit Events relative to mortgage loans with lower LTV ratios, which may cause Tranche Write-down Amounts that result in reductions in the Class Principal Balances or Notional Principal Amounts, as applicable, of the Notes. See “— *Appraisals or Other Assessments May Not Accurately Reflect the Value of the Mortgaged Property; LTV Ratios May Be Calculated Based on Appraised Value or Other Assessments, Which May Not Be an Accurate Reflection of Current Market Value*” and “— *Special Risks — The COVID-19 Pandemic Affected, and Potentially for the Foreseeable Future May Continue to Affect, the Business and Financial Results of Freddie Mac, General Economic Conditions and the Housing Market, Which May Adversely Affect Your Investment*”.

### ***Mortgage Loans Made to Certain Mortgagors May Present a Greater Risk***

Certain homebuyers may present a greater risk of default as a result of their circumstances. Credit Events and Modification Events on certain Reference Obligations may be higher as a result of the related mortgagors' circumstances. Mortgagors of certain Reference Obligations may have less steady or predictable income than others, which may increase the risk of these mortgagors not making payments on time. Further, mortgagors who are significantly increasing their housing payments may have difficulties adjusting to their new housing debt even though their DTI ratios may be within guidelines. In addition, as of the Cut-off Date, approximately 5.86% of the Reference Obligations by Cut-off Date Balance were originated under the Home Possible®, HFA Advantage, and Fannie Mae's HomeReady® programs. These programs, designed to make responsible homeownership accessible to more first-time homebuyers and other qualified borrowers, offer mortgages requiring low down payments for low- to moderate-income homebuyers or buyers in high-cost or underserved communities, and, in certain circumstances, allow for lower than standard mortgage insurance coverage. See “*General Mortgage Loan Purchase and Servicing — Underwriting Standards — Home Possible® and HomeReady® Mortgages*” in Appendix E. Such programs may result in mortgagors with mortgage loans with higher LTVs.

In addition, in May of 2021, we announced Freddie Mac Refi Possible<sup>SM</sup> (“**Refi Possible<sup>SM</sup>**”), a new refinancing option aimed at helping lower-income homeowners. The Refi Possible<sup>SM</sup> mortgage loan was designed to assist borrowers who make at or below 80% of the area median income to refinance their mortgage. Eligible borrowers benefit from a reduced interest rate and lower monthly mortgage loan payment. To qualify for a Refi Possible<sup>SM</sup> mortgage loan, eligible borrowers must have (i) a Freddie Mac-owned mortgage loan secured by a 1-unit single-family residence that is their primary residence; (ii) income at or below 80% of the area median income; (iii) no missed mortgage loan payments in the past six months, and not more than one missed mortgage loan payment in the past 12 months; and (iv) a loan-to-value ratio at or below 97%, a debt payment-to-income ratio below 65%, and a Credit Score of 620 or higher. As of the Cut-off Date, approximately 0.01% of the Reference Obligations by Cut-off Date Balance were originated under Refi Possible<sup>SM</sup>.

Investors should consider that a higher number of mortgagors that have mortgage loans with high LTVs or that are subject to the circumstances described in the two immediately preceding paragraphs may result in increased Credit Events and Modification Events (as well as increased severity of losses realized with respect thereto), which in turn could result in an increase in losses on the Notes.

### ***Reference Obligations Secured by Condominium or Co-operative Units May Present a Greater Risk***

As of the Cut-off Date, approximately 8.41% of the Reference Obligations by Cut-off Date Balance are secured by condominium units and approximately 0.12% of the Reference Obligations by Cut-off Date Balance are secured by co-operative units. Reference Obligations secured by condominium or co-operative units may



present a greater risk where such units are located in a condominium or co-operative project that is in need of critical repairs or where the property managers of such projects have deferred critical maintenance. In severe circumstances, incomplete or deferred maintenance of critical repairs could severely undermine the value of the condominium or co-operative units and possibly make some condominium or co-operative units uninhabitable. Consequently, you should consider that a higher number of Reference Obligations secured by condominium or co-operative units may result in Credit Events and Modification Events (as well as increased severity of losses realized with respect thereto) and therefore result in an increase in losses suffered by the Noteholders.

***Reference Obligations Secured by Manufactured Homes May Present a Greater Risk***

As of the Cut-off Date, approximately 0.36% of the Reference Obligations by Cut-off Date Balance are secured by manufactured homes. Reference Obligations secured by manufactured homes may present a greater risk that the mortgagor will default on the Reference Obligation as compared to Reference Obligations secured by non-manufactured homes. Consequently, you should consider that a higher number of Reference Obligations secured by manufactured homes may result in Credit Events and Modification Events (as well as increased severity of losses realized with respect thereto) and therefore result in an increase in losses suffered by the Noteholders.

***Mortgage Loans Without Mortgage Insurance Policies Will Not Have the Benefit of Any Mortgage Insurance Credit Amounts to Cover Losses***

As of the Cut-off Date, approximately 2.82% of the Reference Obligations by Cut-off Date Balance do not have the benefit of mortgage insurance. Pursuant to the Guide, each mortgage loan with an original LTV ratio that is greater than 80% is required to have a mortgage insurance policy in place when sold to us, except in limited circumstances, including but not limited to (i) mortgage loans refinanced under the Enhanced Relief Refinance Program with LTV ratios greater than 80% for which the original mortgage loan being refinanced was not required to have mortgage insurance coverage, (ii) when we have obtained an alternative credit enhancement that, at a minimum, covers us for losses that would have been otherwise covered by the mortgage insurance policy, (iii) if we obtained such mortgage loan in a bulk mortgage loan sale and based on certain limited property related data reviewed, we determined that such mortgage loan had a current LTV ratio of 80% or less or (iv) where state or local laws limit the ability to require mortgage insurance. The related servicer is required to maintain the mortgage insurance policy unless and until the loan qualifies for the cancellation of mortgage insurance under the Guide. Mortgage insurance generally qualifies for cancellation when the current LTV ratio of a mortgage loan is determined by the related servicer to be 80% or less. Such determination by the related servicer may be based on either the original appraisal or an updated property value. There can be no assurance that such original appraisal or updated property value reflects the current market value of the property at the time of the cancellation of mortgage insurance, and there can be no assurance that the LTV ratio of any Reference Obligation determined at any time in the future will be less than or equal to the LTV ratio determined in connection with any cancellation of mortgage insurance. See “— *Appraisals or Other Assessments May Not Accurately Reflect the Value of the Mortgaged Property; LTV Ratios May Be Calculated Based on Appraised Value or Other Assessments, Which May Not Be an Accurate Reflection of Current Market Value*” and “— *Special Risks — The COVID-19 Pandemic Affected, and Potentially for the Foreseeable Future May Continue to Affect, the Business and Financial Results of Freddie Mac, General Economic Conditions and the Housing Market, Which May Adversely Affect Your Investment*”. No Mortgage Insurance Credit Amount will be available to cover any losses if a Reference Obligation, without an effective mortgage insurance policy in place, becomes a Credit Event Reference Obligation. The full claim amount under any available mortgage insurance policy may not be available in the event the mortgage insurer determines the loss associated with the mortgaged property is due to physical damage, including physical damage from certain natural disasters, to such mortgaged property. For further discussion relating to the calculation of LTV ratios and details as to why certain Reference Obligations may not have mortgage insurance, see “*General Mortgage Loan Purchase and Servicing — Underwriting Standards — LTV Ratio*” in Appendix E.

***Appraisals or Other Assessments May Not Accurately Reflect the Value of the Mortgaged Property; LTV Ratios May Be Calculated Based on Appraised Value or Other Assessments, Which May Not Be an Accurate Reflection of Current Market Value***

In general, appraisals represent the analysis and opinion of the person performing the appraisal at the time the appraisal is prepared and are not guarantees of, and may not be indicative of, present or future value. We cannot assure you that another person would not have arrived at a different valuation, even if such person used the same general approach to and same method of valuing the property, or that different valuations would not have been reached by any originator based on its internal review of such appraisals.

In addition, we permit the values of mortgaged properties meeting certain qualifications, as described in the Guide, to be determined not by an appraiser, but rather provided by the related seller as the purchase price or estimated value, which we in turn assess using ACE. If the results of the ACE assessment reflect that the value or purchase price provided was acceptable, and the related seller chooses to accept the appraisal waiver offer, no appraisal will be obtained, and the related seller will receive Collateral Representation and Warranty Relief with respect to the value, condition and marketability of the related property. The values accepted by ACE are not guarantees of, and may not be indicative of, present or future value, and they may not reflect the same value as an appraisal. This could increase the severity of losses, particularly because our ability to require repurchase for a breach of a value, condition or marketability representation and warranty will be unavailable. See “*General Mortgage Loan Purchase and Servicing — Underwriting Standards — Collateral Valuation*” in Appendix E. As of the Cut-off Date, approximately 1.24% of the Reference Obligations by Cut-off Date Balance have valuations assessed using ACE rather than determined by an appraisal. In addition, in March 2020, we, in collaboration with FHFA and Fannie Mae, issued a Guide Bulletin providing appraisal flexibilities for certain mortgage loans in light of the COVID-19 pandemic. In such cases, in lieu of an interior and exterior inspection appraisal, we allowed (i) a desktop appraisal for purchase transactions only or (ii) an exterior-only appraisal report for a no cash-out refinancing of a mortgage loan currently owned by us and for certain purchase transactions. These appraisal flexibilities were no longer available for mortgage loans with application dates on or after June 1, 2021.

The appraisals or other property valuations or assessments obtained in connection with the origination of the Reference Obligations sought to establish the amount a typically motivated buyer would pay a typically motivated seller at the time they were prepared. Such amount could be significantly higher than the amount obtained from the sale of a related mortgaged property under a distressed or liquidation sale. In addition, in certain real estate markets property values may have declined since the time the appraisals or other property valuations were obtained or assessed, and therefore the appraisals or other property valuations may not be an accurate reflection of the current market value of the related mortgaged properties. The appraisals or other property valuations with respect to the Reference Obligations were generally prepared or assessed at the time of origination. The current market value of the related mortgaged properties could be lower, and in some cases significantly lower, than the values indicated in the appraisals or other property valuations obtained or assessed at the origination of the Reference Obligations and included in the original LTV ratios reflected in this Memorandum.

Because appraisals or other property valuations or assessments may not accurately reflect the value or condition of the related mortgaged property and because property values may have declined since the time appraisals or other property valuations or assessments were obtained, the original LTV ratios and the original CLTV ratios that are disclosed in this Memorandum may be lower, in some cases significantly lower, than the LTV ratios that would be determined if values of the related mortgaged properties were used to determine LTV ratios. You should make your own determination as to the degree of reliance you place on the original LTV ratios and the original CLTV ratios that are disclosed in this Memorandum.

***ELTV Ratios May Not Reflect the Actual Value of the Mortgaged Properties***

The non-zero weighted-average ELTV ratios for the Reference Obligations were produced using the ELTV ratio of each Reference Obligation as of the Cut-off Date if an ELTV ratio of such Reference Obligation could be obtained. No ELTV ratio was obtained for approximately 4.67% of the Reference Obligations by Cut-off Date Balance, and therefore, the non-zero weighted average ELTV ratio of the Reference Obligations does not include any ELTV ratio with respect to such Reference Obligations. As of the Cut-off Date, the non-zero weighted



average ELTV ratio for the Reference Obligations with an available ELTV ratio was approximately 82.53%. The ELTV ratios for the Reference Obligations were based on valuations of the related mortgaged properties we obtained using HVE. Using a valuation of a mortgaged property from (i) a different AVM, (ii) an appraisal based on a physical inspection of the property or (iii) an arm's length sale of the mortgaged property could result in a higher or lower value for the property than the results from HVE.

Volatility in the residential real estate market, availability of mortgage credit and the unemployment rate, as well as other negative trends or other extraordinary circumstances, may have the effect of reducing the values of the mortgaged properties from the updated ELTV ratios described above. A reduction in the values of the mortgaged properties may reduce the likelihood that Liquidation Proceeds or other proceeds will be sufficient to pay off the related Reference Obligations fully.

#### ***Credit Scores May Not Accurately Predict the Likelihood of Default***

Each originator generally uses Credit Scores as part of its underwriting process. See “*General Mortgage Loan Purchase and Servicing — Underwriting Standards — Use of Credit Scoring*” in Appendix E. Credit Scores are generated by models developed by third-party credit reporting organizations that analyze data on consumers in order to establish patterns which are believed to be indicative of a mortgagor's probability of default. A Credit Score represents an opinion of the related credit reporting organization of a mortgagor's creditworthiness. The Credit Score is based on a mortgagor's historical credit data, including, among other things, payment history, delinquencies on accounts, levels of outstanding indebtedness, length of credit history, types of credit and bankruptcy experience. Credit Scores range from approximately 300 to approximately 850, with higher scores indicating an individual with a more favorable credit history compared to an individual with a lower score. A Credit Score purports only to be a measurement of the relative degree of risk a mortgagor represents to a lender, i.e., that a mortgagor with a higher score is statistically expected to be less likely to default in payment than a mortgagor with a lower score. In addition, it should be noted that Credit Scores were developed to indicate a level of default probability, over a two-year period, which does not correspond to the life of most mortgage loans. Furthermore, Credit Scores were not developed specifically for use in connection with mortgage loans, but for consumer loans in general. Therefore, Credit Scores do not address particular mortgage loan characteristics that influence the probability of repayment by the mortgagor. Moreover, the CARES Act requires servicers to report to credit reporting bureaus that a mortgagor performing under a COVID-19 pandemic-related loss mitigation solution is (a) in the state of delinquency that was in effect in the month prior to the effective date of the forbearance agreement or (b) current. Credit Scores based upon this reporting may be inaccurate and underestimate the relative degree of risk those mortgagors present. We do not make any representation or warranty as to any mortgagor's current Credit Score or the actual performance of any Reference Obligation, or that a particular Credit Score should be relied upon as a basis for an expectation that a mortgagor will repay the related Reference Obligation according to its terms. See “— *Special Risks — The COVID-19 Pandemic Affected, and Potentially for the Foreseeable Future May Continue to Affect, the Business and Financial Results of Freddie Mac, General Economic Conditions and the Housing Market, Which May Adversely Affect Your Investment*”.

Mortgagor Credit Scores at the time of origination of the Reference Obligations may not reflect such mortgagor's current creditworthiness. See “— *Credit Scores May Not Accurately Predict the Likelihood of Default*”.

#### ***Applicability of Federal, State and Local Laws***

##### ***Governmental Actions May Affect Servicing of Mortgage Loans and May Limit the Servicer's Ability to Foreclose***

The federal government, state and local governments, consumer advocacy groups and others continue to urge servicers to be aggressive in modifying mortgage loans to avoid foreclosure, and federal, state and local governmental authorities have enacted and continue to propose numerous laws, regulations and rules relating to mortgage loans generally, and foreclosure actions and evictions particularly. If the servicer denies the mortgagor relief, the mortgagor may appeal, which would further delay foreclosure proceedings. Foreclosure also will be delayed if a mortgagor enters into a loss mitigation option, including a loan modification, and subsequently fails

to comply with its terms. A Modification Event could result in interest amount reductions and principal write-downs on the Notes. If the rate of Modification Events due to government actions increases, this could have an adverse impact on the Notes. The final rules, among other things, also require servicers to provide certain notices, follow specific procedures relating to loss mitigation and foreclosure alternatives and establish protocols such as assuring that the mortgagor be able to contact a designated person(s) at the servicer to facilitate communications. In August 2016, the CFPB released the 2016 Servicing Rules that revise and amend provisions regarding force-placed insurance notices, policies and procedures, early intervention and loss mitigation requirements under Regulation X's servicing provisions, prompt crediting and periodic statement requirements under Regulation Z's servicing provisions, and compliance under certain servicing requirements when a person is a potential or confirmed successor in interest, is a debtor in bankruptcy, or sends a cease communication request under the Fair Debt Collection Practices Act. Most of these changes took effect in October 2017, and the remaining changes took effect in April 2018. In 2017, the CFPB issued a final rule making technical corrections to the 2016 Servicing Rules and an interim final servicing rule related to early intervention notices when mortgagors have invoked the cease communication protection under the Fair Debt Collections Act. In 2018, the CFPB issued a final rule amending the 2016 Servicing Rules with respect to periodic statements and coupon books for consumers entering or exiting bankruptcy. The expense of complying with these new CFPB servicing standards for a servicer may be substantial.

Any violations of these laws, regulations and rules may provide new defenses to foreclosure or result in limitations on upward adjustment of mortgage interest rates, reduced payments by mortgagors, permanent forgiveness of debt, increased prepayments due to the availability of government-sponsored refinancing initiatives and/or increased reimbursable expenses. Any of these factors may lead to increased Credit Events and Modification Events (as well as increase the severity of losses realized with respect thereto) and are likely to result in delayed and reduced payments on the Reference Obligations. In addition, these laws, regulations and rules may increase the likelihood of a modification of the mortgage note with respect to a delinquent mortgagor rather than a foreclosure.

Several courts and state and local governments and their elected or appointed officials also have taken unprecedented steps to slow the foreclosure process or prevent foreclosures altogether. A number of these laws have been enacted, including in California. These laws, regulations and rules will result in delays in the foreclosure process, and may lead to reduced payments by mortgagors or increased reimbursable servicing expenses. During the financial crisis, federal and state regulatory and criminal enforcement authorities entered into a variety of voluntary settlement agreements and consent orders with mortgage servicers, many of which service mortgage loans backing the Reference Obligations. These settlement agreements and consent orders provide for financial relief for homeowners, including mortgage loan principal reduction, refinancing and increased benefits and protections for servicemembers and veterans, and comprehensive reform of mortgage servicing practices for the impacted servicers. It is possible that future actions against additional servicers will result in similar agreements with similar terms, or that regulations or rules enacted by the CFPB or other governmental entities could require a servicer to implement these types of reforms with respect to the Reference Obligations. Any such changes to the servicing procedures could lead to increased Credit Events and Modification Events (as well as increase the severity of losses realized with respect thereto) and therefore could result in an increase in losses suffered by the Noteholders.

Noteholders will bear the risk that future regulatory and legal developments will result in losses on their Notes. The effect on the Notes will be likely more severe if any of these future legal and regulatory developments occur in one or more states in which there is a significant concentration of mortgaged properties. See *“— Geographic Concentration May Increase Risk of Credit Events Due to Adverse Economic Conditions, Natural Disasters or Climate Change”*.

The long-term impact of the Dodd-Frank Act and related current and future regulatory changes on the Reference Pool and the financial services industry in general will depend on a number of factors that are difficult to predict, including the ability to successfully implement any changes to business operations, changes in consumer behavior, and seller's and servicer's responses to the Dodd-Frank Act and related current and future regulatory changes.

### ***Legislative or Regulatory Actions Could Adversely Affect Our Business Activities and the Reference Pool***

Our business operations and those of our sellers and servicers may be adversely affected by other legislative and regulatory actions at the federal, state and local levels, including by legislation or regulatory action that changes the loss mitigation, pre-foreclosure and foreclosure processes. For example, we could be negatively affected by legislative, regulatory or judicial action that: (a) changes the foreclosure process in any individual state; (b) limits or otherwise adversely affects the rights of a holder of a first lien on a mortgage (e.g., by granting priority rights in foreclosure proceedings for homeowner associations); (c) expands the responsibilities of (and costs to) servicers for maintaining vacant properties prior to foreclosure; or (d) permits or requires principal reductions, such as allowing local governments to use eminent domain to seize mortgage loans and forgive principal on the mortgage loans. These and other similar actions could create delays in the foreclosure process, and could increase expenses, including by delaying the final resolution of seriously delinquent mortgage loans and the disposition of non-performing assets, and could lead to increased Credit Events and Modification Events (as well as increase the severity of losses realized with respect thereto).

Legislative or regulatory action may be implemented from time to time to initiate new, or expand upon existing, loss mitigation strategies, applicable to the Reference Obligations. The Relief Act, similar state military relief laws and our policies relating to servicemembers may provide for payment reduction or foreclosure forbearance to some mortgagors and their dependents. Federal and state agencies have deferred, reduced or forgiven and may continue to defer, reduce or forgive payments and delay foreclosure proceedings for mortgage loans to mortgagors affected in some way by possible future military action, deployment or terrorist attacks whether or not they are servicemembers or their dependents. See *“Certain Legal Aspects of Mortgage Loans — Servicemembers Civil Relief Act”*.

A number of states and local jurisdictions have declared states of emergency and have enacted, or may in the future enact, measures to protect tenants and borrowers. We cannot predict whether any new measures enacted by states or local jurisdictions or future moratoriums will be implemented or, if so, in what form.

The Notes are not asset-backed securities as defined in the Exchange Act or in Regulation AB. However, if the Notes are viewed in the financial markets as having traits in common with asset-backed securities, your Notes may be less marketable than asset-backed securities that are offered in compliance with rules regarding the offering process, disclosure and reporting for asset-backed securities, including Regulation AB and the Dodd-Frank Act.

Investors should be aware, and in some cases are required to be aware, of the investor diligence requirements that apply in the EU under the EU Securitization Regulation and in the UK under the UK Securitization Regulation, in addition to any other regulatory requirements that are (or may become) applicable to them and/or with respect to their investment in the Notes. Each investor should consult with its own legal, accounting, regulatory and other advisors and/or its regulator before committing to acquire any Notes to determine whether, and to what extent, the information described in this Memorandum and in any investor report provided in relation to the transaction is sufficient for the purpose of satisfying such requirements.

The EU Due Diligence Requirements apply to EU Institutional Investors, being (subject to certain conditions and exceptions): (a) institutions for occupational retirement provision; (b) credit institutions (as defined in the CRR); (c) alternative investment fund managers who manage and/or market alternative investment funds in the EU; (d) investment firms (as defined in the CRR); (e) insurance and reinsurance undertakings; and (f) management companies of UCITS funds (or internally managed UCITS); and the EU Due Diligence Requirements apply also to certain consolidated affiliates of such credit institutions and investment firms.

The UK Due Diligence Requirements apply to UK Institutional Investors being (subject to certain conditions and exceptions): (a) insurance undertakings and reinsurance undertakings as defined in the FSMA; (b) occupational pension schemes as defined in the Pension Schemes Act 1993 that have their main administration in the UK, and certain fund managers of such schemes; (c) alternative investment fund managers as defined in the Alternative Investment Fund Managers Regulations 2013 which market or manage alternative investment funds in the UK; (d) UCITS as defined in the FSMA, which are authorized open ended investment companies as defined in the FSMA, and management companies as defined in the FSMA; (e) CRR firms as defined in Regulation (EU) No. 575/2013 as it forms part of UK domestic law by virtue of the EUWA (the

“UK CRR”); and (f) FCA investment firms as defined in the UK CRR. The UK Due Diligence Requirements apply also to certain consolidated affiliates of the aforementioned CRR firms.

EU Institutional Investors and UK Institutional Investors are referred to together as Institutional Investors; and a reference to the applicable Securitization Regulation or Due Diligence Requirements means, in relation to an Institutional Investor, as the case may be, the Securitization Regulation or the Due Diligence Requirements to which such Institutional Investor is subject. In addition, for the purpose of the following paragraph, a reference to a “third country” means (i) in respect of an EU Institutional Investor and the EU Securitization Regulation, a country other than an EU member state, or (ii) in respect of a UK Institutional Investor and the UK Securitization Regulation, a country other than the UK.

The applicable Due Diligence Requirements restrict an Institutional Investor from investing in a securitization unless, among other things:

(a) in each case, it has verified that the originator, sponsor or original lender will retain, on an ongoing basis, a material net economic interest of not less than 5% in the securitization in accordance with the applicable Retention Requirement and the risk retention is disclosed to the Institutional Investor;

(b) in the case of an EU Institutional Investor, it has verified that the originator, sponsor or SSPE has, where applicable, made available the information required by the EU Transparency Requirements in accordance with the frequency and modalities provided for thereunder;

(c) in the case of a UK Institutional Investor, it has verified that the originator, sponsor or SSPE has, where applicable, made available information which is substantially the same as that which it would have made available under the UK Transparency Requirements if it had been established in the UK, and has done so with such frequency and modalities as are substantially the same as those with which it would have made information available if it had been established in the UK; and

(d) in each case, it has verified that, where the originator or original lender either (i) is not a credit institution or an investment firm or (ii) is established in a third country, the originator or original lender grants all the credits giving rise to the underlying exposures on the basis of sound and well-defined criteria and clearly established processes for approving, amending, renewing and financing those credits and has effective systems in place to apply those criteria and processes in order to ensure that credit-granting is based on a thorough assessment of the obligor’s creditworthiness.

The European Commission published a report to the European Parliament and Council on the functioning of the EU Securitization Regulation on October 10, 2022 (the “**Commission Report**”). The European Commission said therein that differentiating the scope of the information which an EU Institutional Investor is required to receive for the purpose of satisfying its verification obligation referred to in paragraph (b) above according to whether the securitization is issued by entities established in the EU or in third countries is not in line with the legislative intent of the EU Securitization Regulation. As such, it is the European Commission’s view that EU Institutional Investors should ensure that the EU Transparency Requirements are complied with in full before investing in securitizations even if the originator, sponsor and SSPE of such securitization are all established outside of the EU, as is the case with the transaction contemplated in this Memorandum.

We will undertake in the Securitization Regulation Agreement that among other things we (i) will retain on an ongoing basis a material net economic interest in the transaction constituted by the issuance of the Notes of not less than 5% in the form specified in Article 6(3)(a) of the Securitization Regulations; (ii) will not sell, hedge or otherwise enter into any credit risk mitigation, short position or any other credit risk hedge with respect to the Retained Interest or the Reference Obligations, except to the extent permitted in accordance with Article 6 of the Securitization Regulations; and (iii) will provide on a monthly basis loan-level disclosure in respect of the Reference Obligations in the form of the reporting template set out in Annex 2 (Underlying Exposures – Residential Real Estate) to Commission Delegated Regulation (EU) 2020/1224 that applies for the purpose of the EU Transparency Requirements, as such reporting template is published on the website of the European Securities and Markets Authority as of the date of this Memorandum. See further under “*Securitization Regulation Agreement*”.

The information to be reported under the current reporting template for underlying residential real estate exposures adopted under the UK Securitization Regulation is substantially the same as the information to be reported under Annex 2 (Underlying Exposures – Residential Real Estate) to Commission Delegated Regulation (EU) 2020/1224.

We do not undertake in the Securitization Regulation Agreement or in any other document to provide investor reporting in respect of the Notes in the form of the reporting template set out in Annex 12 to Commission Delegated Regulation (EU) 2020/1224 that applies for the purpose of the EU Transparency Requirements. We may elect to voluntarily provide such investor reporting in the future. Unless and until such investor reporting is provided, data corresponding to fields in such reporting template is provided only in the Payment Date Statement. However, the Payment Date Statement is not in the form of such reporting template and does not include data corresponding to all of the fields in such reporting template.

Failure on the part of an Institutional Investor to comply with one or more of the applicable Due Diligence Requirements may result in various penalties including, in the case of those investors subject to regulatory capital requirements, the imposition of a punitive capital charge on the Notes acquired by the relevant investor. Aspects of the Due Diligence Requirements and what is or will be required to demonstrate compliance to national regulators remain unclear.

Each Institutional Investor should consult with its own legal, accounting, regulatory and other advisors and/or its national regulator to determine whether, and to what extent, the information set out under “*Securitization Regulation Agreement*” and in this Memorandum generally is sufficient for such Institutional Investor to satisfy the applicable Due Diligence Requirements, including, without limitation, whether the commitment of Freddie Mac under the Securitization Regulation Agreement to retain a material net economic interest in the securitization is sufficient to satisfy the Retention Requirements. Any such Institutional Investor is required to independently assess and determine the sufficiency of the information described in this Memorandum for the purposes of complying with the Due Diligence Requirements.

None of the Transaction Parties, their respective Affiliates or any other person:

- (i) makes any representation that the information described herein is sufficient in all circumstances for the purpose of permitting an Institutional Investor to comply with the Due Diligence Requirements or any other applicable legal, regulatory or other requirements in respect of an investment in the Notes;

- (ii) will have any liability to any prospective investor or any other person with respect to any deficiency in such information or any failure of the transactions contemplated herein to comply with or otherwise satisfy the Due Diligence Requirements or any other applicable, legal, regulatory or other requirements; and

- (iii) will have any obligation, other than the obligations assumed by the Sponsor under the Securitization Regulation Agreement and the obligations assumed by the Transaction Parties under the transaction documents generally, to assist Institutional Investors in complying with the Due Diligence Requirements or any other applicable legal, regulatory or other requirements.

Without limitation to the foregoing, no assurance can be given that the Due Diligence Requirements, or the interpretation or application thereof, will not change, and, if any such change is effected, whether such change would affect the regulatory position of current or future investors in the Notes. In particular, we have no obligation to change the quantum or nature of our holding of the Retained Interest due to any future changes in the Retention Requirements.

Investors should also independently assess and determine whether they are directly or indirectly subject to market risk capital rules jointly promulgated by the Office of the Comptroller of the Currency, the Board of Governors of the Federal Reserve and the FDIC that became effective on January 1, 2013. Any prospective investor that is subject to these rules should independently assess and determine its ability to comply with the regulatory capital treatment and reporting requirements that may be required with respect to the purchase of a Note and what impact any such regulatory capital treatment and reporting requirements may have on the liquidity or market value of the Notes.

Any of the foregoing could have a material adverse impact on the Noteholders.



### ***Changes to the U.S. Federal Income Tax Laws Applicable to Mortgages May Adversely Affect Your Investment***

From time to time, changes to the U.S. federal income tax laws applicable to mortgages have been and may in the future be enacted. For example, the Tax Cuts and Jobs Act of 2017 limited the deductions mortgages could take, thereby increasing the taxes payable by certain mortgages and reducing their available cash. Any such changes in the U.S. federal income tax laws applicable to mortgages may adversely impact their ability to make payments on the Reference Obligations, which in turn, could cause a loss on the Notes.

We cannot predict the impact of any changes in such laws. You should consult your tax advisors regarding the effect of U.S. federal tax laws on mortgages prior to purchasing the Notes.

### ***Violations of Various Federal, State and Local Laws May Adversely Affect Your Investment***

Applicable state and local laws generally regulate interest rates and other charges, require specific disclosure and require licensing of the originator. In addition, other state and local laws, public policy and general principles of equity relating to the protection of consumers, unfair and deceptive practices and debt collection practices may apply to the origination, servicing and collection of the Reference Obligations.

The Reference Obligations are also subject to federal laws, including:

- TILA and Regulation Z promulgated thereunder (including TRID), which impose requirements in regard to certain mortgages and which require specific disclosures to the mortgages regarding the terms of the Reference Obligations;
- the Homeownership and Equity Protection Act and state, county and municipal “high cost” laws and ordinances enacted to combat predatory or abusive lending;
- the Equal Credit Opportunity Act and Regulation B promulgated thereunder, which prohibit discrimination on the basis of age, race, color, sex, religion, marital status, national origin, receipt of public assistance or the exercise of any right under the Consumer Credit Protection Act, in the extension of credit;
- the Fair Credit Reporting Act, which regulates the use and reporting of information related to the mortgageor’s credit experience; and
- RESPA and Regulation X promulgated thereunder, which impose requirements pertaining to (a) the disclosure of certain terms of mortgage loans prior to origination and during the servicing life of the loan, and (b) the mitigation and foreclosure activities, among other requirements, which are implemented through TRID for mortgage loan applications received on or after October 3, 2015.

Depending on the provisions of the applicable law and the specific facts and circumstances involved, violations of these federal or state laws, policies and principles may limit the ability to collect all or part of the principal of or interest on the Reference Obligations, may result in a defense to foreclosure or an “unwinding” or rescission of the Reference Obligations and may entitle the mortgageor to a refund of amounts previously paid, which may reduce the Net Liquidation Proceeds received with respect to a Reference Obligation and therefore, may increase the Tranche Write-down Amount allocated to the Reference Tranches and the corresponding principal or notional amount write-downs on the Notes. See “*Certain Legal Aspects of Mortgage Loans*”.

### ***Violations of TRID or Other TILA Provisions May Adversely Affect Your Investment***

Each Reference Obligation with an application date on or after October 3, 2015 is subject to TRID. Neither we nor the Third-Party Diligence Providers conducted a post-purchase loan file review for any of the Reference Obligations for technical compliance with TRID or certain other TILA provisions, such as under-disclosure of the finance charge and/or annual percentage rate (APR), rescission errors or payment schedule errors; however, consistent with current practices, we and the Third-Party Diligence Providers did evaluate whether the correct disclosure forms were used in connection with the origination of the Reference Obligations that were reviewed by us and the Third-Party Diligence Providers as described herein under “*The Reference Obligations — Results of Freddie Mac Quality Control*” and “*The Reference Obligations — Third-Party Due Diligence Review*” in



Appendix A hereto. As a result, it is possible that certain Reference Obligations may have been underwritten in a manner that violates TRID or other TILA provisions, and we are not aware of such violations. Damages or costs resulting from a TRID or other TILA violation could reduce the Net Liquidation Proceeds received with respect to a Credit Event Reference Obligation, and therefore may increase the Tranche Write-down Amount allocated to the Reference Tranches and the corresponding principal write-downs on the Notes. In the event we were to discover a TRID or other TILA violation with respect to a Reference Obligation and deliver a request to the related seller or servicer to repurchase such Reference Obligation, such Reference Obligation may be reclassified as having an Underwriting Defect and result in a Reference Pool Removal. Reference Pool Removals could have the same effect on the Reference Pool as prepayments in full. See “— *Risks Related to the Notes Being Linked to the Reference Pool — The Rate and Timing of Credit Events and Modification Events (and the Severity of Losses Realized with Respect Thereto) May Adversely Affect Your Investment*” and “— *Due Diligence and Quality Control Processes Are Limited — Our Review of Reference Obligations That Become Credit Event Reference Obligations May Not Result in Reversed Credit Event Reference Obligations*”.

***Special Assessments, Energy Efficiency and Homeowner Association Liens May Take Priority Over the Mortgage Lien***

Mortgaged properties securing the Reference Obligations may be subject to the lien of special property taxes and/or special assessments and liens that secure payment of periodic dues to homeowner associations. These liens may be superior to the liens securing the Reference Obligations, irrespective of the date of the mortgage loan.

In some instances, individual mortgagors may be able to elect to enter into contracts with governmental agencies for Property Assessed Clean Energy (PACE) or similar assessments that are intended to secure the payment of energy, water efficiency, distributed energy generation or other improvements that are permanently affixed to their properties, possibly without notice to or the consent of the mortgagee. These assessments may also have lien priority over the mortgage loans consisting of the Reference Obligations or may survive a foreclosure action thereby affecting the subsequent disposition of an REO subject to such lien. No assurance can be given that any mortgaged property so assessed will increase in value to the extent of the assessment lien. Additional indebtedness secured by the assessment lien would reduce the amount of the value of the mortgaged property available to satisfy the affected Reference Obligation if certain Credit Events were to occur, and could therefore reduce the Net Liquidation Proceeds received with respect to such Reference Obligation (and ultimately increase the losses allocated to the Notes).

In numerous states, unpaid dues owed to a homeowner or condominium association may result in a lien on the related mortgaged property that has priority over the lien of a mortgage. If the holder of such a homeowner association lien forecloses on the related mortgaged property, the lien of the mortgage may be extinguished, resulting in losses on the related mortgage loan.

***Mortgage Loan Historical Information is Not Indicative of Future Performance of the Reference Pool***

The information with respect to the Reference Obligations and our mortgage loans generally in this Memorandum or otherwise made available to you is historical in nature and should not be relied upon as indicative of the future performance of the Reference Obligations. In the past, historical information was not indicative of future performance due to various factors, including changes in lending standards, availability of affordable mortgage products, the general state of the economy and housing prices.

**Risks Related to the Trust Assets**

***Risks Related to Eligible Investments***

***Your Investment Will Be Exposed to the Value of the Underlying Assets of the Relevant Eligible Investments***

The Trust’s source of funds for repayment of the outstanding Class Principal Balances of the Notes will be limited to the proceeds of the liquidation of the Eligible Investments and any payments of Return Reimbursement Amounts and Capital Contribution Amounts we are required to make under the Collateral Administration

Agreement and Capital Contribution Agreement, respectively. Accordingly, in the event that we fail to make any payments of Capital Contribution Amounts required by the Capital Contribution Agreement, you will be exposed to the market value of the Eligible Investments. There can be no assurance that there will be no default with respect to payments on the Eligible Investments or declines in the value of Eligible Investments. See “*The Agreements — The Indenture — Accounts, Accountings and Reports*”.

The Trust’s source of funds for payment of interest on the Notes on any Payment Date will be (i) the investment earnings on the Eligible Investments with respect to such Payment Date, (ii) the Transfer Amount due from us with respect to such Payment Date under the Collateral Administration Agreement (it being understood that the IO Yield for such Payment Date will be deemed to satisfy, up to the amount of such IO Yield, our obligation to pay such Transfer Amount) and (iii) the Index Component Contribution due from us with respect to such Payment Date under the Capital Contribution Agreement. A decrease in the investment earnings on the Eligible Investments could result in the failure of Noteholders to receive the full amount of accrued interest payable on a Payment Date in the event that we do not pay the Index Component Contribution portion of the Capital Contribution Amount, if any, with respect to such Payment Date.

#### ***Certain Types of Eligible Investments May Suspend or Delay Redemptions***

Some types of Eligible Investments may, pursuant to the terms of such Eligible Investments, be able to suspend or delay redemptions. Any suspension or delay of redemptions may cause a delay or loss in the payment of principal or interest on the Notes. Furthermore, certain types of Eligible Investments may, under certain conditions, impose fees on redeeming investors. Any of these conditions could materially and adversely affect the Trust’s ability to pay the outstanding principal amount of or interest on the Notes, should we fail to pay the Capital Contribution Amount as required by the Capital Contribution Agreement.

#### ***Redeeming Units of an Eligible Investment During an Unfavorable Market Environment May Affect the Net Asset Value of Such Eligible Investment***

Any Eligible Investment could experience a decrease in net asset value and/or a negative yield, particularly in times of overall market turmoil or declining prices for the Eligible Investments sold, or when the markets are illiquid. When markets are illiquid, the Investment Manager may be unable to sell illiquid Eligible Investments at the desired time or price. Illiquidity can be caused by, among other things, a drop in overall market trading volume, an inability to find a ready buyer, or legal restrictions on the resale of the Eligible Investments. Certain Eligible Investments that were liquid when purchased may later become illiquid, particularly in times of overall economic distress. In selling Eligible Investments prior to maturity, any such Eligible Investment may realize a price higher or lower than that paid to acquire such Eligible Investment, depending upon whether interest rates have decreased or increased since their acquisition. Any of these conditions could materially and adversely affect the Trust’s ability to pay the outstanding principal amount of or interest on the Notes, should we fail to pay Capital Contribution Amount as required by the Capital Contribution Agreement.

#### ***Failure of Eligible Investments to Satisfy the Relevant Criteria May Not Result in Their Replacement***

In the event an Eligible Investment no longer satisfies the criteria set forth in the Investment Management Agreement, no action will be taken by the Investment Manager unless it has actual knowledge (without independent investigation) of such failure to satisfy such criteria. As a result, a period of up to 60 days (or more in the case of investments satisfying clause (b) of the definition of “Eligible Investments” in the “*Glossary of Significant Terms*”) may elapse following the failure of an Eligible Investment to meet such criteria before any action is taken to liquidate shares of such Eligible Investment and, therefore, it may continue to be invested in assets that may not at such time constitute an Eligible Investment.

#### ***Unfavorable Market Conditions May Cause Changes in the Yield of an Eligible Investment***

Although the market value, yield and liquidity of the Eligible Investments are generally less sensitive to changes in market interest rates than are funds that invest in longer-term investments, changes in short-term interest rates may cause changes to the market value, yield and liquidity of the Eligible Investments. During periods of rising interest rates, an Eligible Investment’s yield (and its market value) will tend to be lower than

prevailing market rates. In addition, a low-interest rate environment may prevent an Eligible Investment from providing a positive yield or maintaining a stable net asset value, and may cause an Eligible Investment to provide a negative yield. Market disruptions also may impair the liquidity of any Eligible Investments. If the market value, yield and/or liquidity of an Eligible Investment is impaired, the Trust's ability to pay the outstanding principal amount of and/or interest on the Notes could be materially and adversely affected, should we fail to pay the Capital Contribution Amounts as required by the Capital Contribution Agreement.

***The Net Yield of an Eligible Investment May Become Negative for Other Reasons***

If an Eligible Investment incurs a management fee during a low interest rate environment, the payment of such fee may prevent the Eligible Investment from providing a positive yield or maintaining a stable net asset value of \$1.00, and may cause the Eligible Investment to provide a negative yield. Similarly, if the investments are issued with a negative yield by the U.S. government, or if a change in regulation requires Eligible Investments to mark-to-market, the Eligible Investments may be prevented from providing a positive yield or maintaining a stable net asset value of \$1.00. In either case, the Trust's ability to pay the outstanding principal amount of and/or interest on the Notes could be materially and adversely affected, should we fail to pay the Capital Contribution Amount covering any such decline in value or investment losses. In addition, in a negative yield environment, certain Eligible Investments may also trigger a reverse distribution mechanism or other similar actions to help maintain a stable net asset value, which would result in an investment deficiency.

***The Investment Manager May Be Unable to Liquidate Investments in a Timely Manner***

There can be no assurances that there will not be a delay in the ability of the Investment Manager to liquidate the Eligible Investments or, upon such liquidation, that the amounts realized from the liquidation of the Eligible Investments will not be less than the outstanding principal amount of such Eligible Investments. If we were to fail to pay the Transfer Amount required by the Collateral Administration Agreement and the Index Component Contribution portion of the Capital Contribution Amount required by the Capital Contribution Agreement, no other assets would be available to the Noteholders for payment of the resulting deficiency in the applicable Interest Payment Amount and the Noteholders would bear the resulting loss thereof.

***Ineligible Investments May Adversely Affect Your Investment***

The Investment Management Agreement requires that Trust Assets be invested only in Eligible Investments. The Investment Manager will be required to sell any ineligible investments, which may result in a loss if we fail to pay the Investment Liquidation Contribution portion of the Capital Contribution Amount if, and when, due.

***Risks Associated with the Collateral Administration Agreement and the Capital Contribution Agreement***

***The Secured Collateral is Pledged for the Benefit of Freddie Mac and the Noteholders***

The rights of Noteholders with respect to the Secured Collateral will be subject to our prior claims and may be subject to the claims of any other creditor of the Trust that is entitled to priority as a matter of law or by virtue of any nonconsensual lien that such creditor has on the Trust Assets.

***Our Payments Are Not Guaranteed by the United States or Any Other Person***

The United States does not guarantee our payment obligations under the Collateral Administration Agreement or the Capital Contribution Agreement. Our obligations under the Collateral Administration Agreement and the Capital Contribution Agreement are not debts or obligations (or interests in debts or obligations) of the United States or any agency or instrumentality of the United States. In addition, the United States does not guarantee the Notes or any interest or return of discount on the Notes. The Notes are not debts or obligations (or interests in debts or obligations) of us or the United States or any agency or instrumentality of the United States.

Pursuant to the Collateral Administration Agreement, we are obligated to pay Transfer Amounts (it being understood that the IO Yield for a Payment Date will be deemed to satisfy, up to the amount of such IO Yield, such payment obligation for the related Payment Date) and Return Reimbursement Amounts to the Trust.

Pursuant to the Capital Contribution Agreement, we are required to pay Capital Contribution Amounts to the Trust. Our obligations to make such payments under the Collateral Administration Agreement and the Capital Contribution Agreement are unsecured contractual obligations. Noteholders bear the risk that we may fail to pay any such amounts due to the Trust, which could result in a shortfall of funds available to pay interest on the Notes on the related Payment Date.

***We May Assign Our Obligations Under the Collateral Administration Agreement and Capital Contribution Agreement to a Third Party***

Subject to the satisfaction of certain conditions described in “*The Agreements — The Collateral Administration Agreement and the Capital Contribution Agreement — Assignment*”, we will be permitted to assign our obligations under the Collateral Administration Agreement and Capital Contribution Agreement to a successor. Upon any such assignment, Noteholders would be exposed to the credit risk of such successor, and Noteholders could fail to receive the full amount of principal or interest payable on a Payment Date in the event such third party assignee does not pay the Transfer Amount, Return Reimbursement Amount and/or Capital Contribution Amount, if any, for such Payment Date. Any assignment to a successor may negatively impact the value and liquidity of the Notes in the secondary market.

***The Notes Are Subject to an Indenture Event of Default or Redemption in the Event of an Early Termination of the Collateral Administration Agreement and the Capital Contribution Agreement***

The Collateral Administration Agreement and the Capital Contribution Agreement are subject to early termination on the Early Termination Date. Potential investors should consider that if the Collateral Administration Agreement and the Capital Contribution Agreement are terminated prior to the Maturity Date, the Notes will be redeemed on the corresponding Early Redemption Date under the Indenture. Such early redemption may occur earlier, and may occur significantly earlier, than the Scheduled Maturity Date and investors will bear the reinvestment risk of any payment received in connection with such early redemption. See “*The Agreements — The Collateral Administration Agreement and the Capital Contribution Agreement.*”

***The Rights of Noteholders in the Collateral May Be Subordinate to the Claims of Others***

The rights of Noteholders with respect to the Secured Collateral will be subject to our prior claims and the rights of Noteholders with respect to the Collateral may be subject to the claims of any other creditor of the Trust that is entitled to priority as a matter of law or by virtue of any nonconsensual lien that such creditor has on the Trust Assets.

***Risks Associated with Legislation and Regulation***

***Risks Associated with the Investment Company Act***

The Trust has not registered with the SEC as an investment company under the Investment Company Act in reliance on Section 2(b) of the Investment Company Act. The Trust may also be able to rely on another exemption under the Investment Company Act, but reliance on such other exemption would result in the Trust being a “covered fund” pursuant to the Volcker Rule under the Dodd-Frank Act.

If the SEC or a court of competent jurisdiction were to find that the Trust is required to register as an investment company under the Investment Company Act, but had failed to do so, possible consequences include, but are not limited to, the following: (i) an application by the SEC to a district court to enjoin the violation; and (ii) any contract to which the Trust is party that is made in violation of the Investment Company Act or whose performance involves such violation may be deemed unenforceable by any party to the contract unless a court were to find that under the circumstances enforcement would produce a more equitable result than nonenforcement and would not be inconsistent with the purposes of the Investment Company Act. Should the Trust be subjected to any or all of the foregoing, the Trust and Noteholders could be materially and adversely affected. Pursuant to the Trust Agreement, we agree not to take any actions which would cause the Trust to become an investment company. An Optional Termination Event will occur if the SEC makes a final determination that the Trust must register as an investment company under the Investment Company Act. See

*“The Agreements — The Collateral Administration Agreement and the Capital Contribution Agreement — Termination Date, Scheduled Termination Date and Early Termination Date” and “The Agreements — The Indenture — Indenture Events of Default”.*

In December 2013, the banking regulators and other agencies principally responsible for banking and financial market regulation in the United States implemented the final rule under the Volcker Rule, which in general prohibits “banking entities” (as defined therein) from (i) engaging in proprietary trading, (ii) acquiring or retaining an ownership interest in or sponsoring certain “covered funds” (broadly defined to include any entity that would be an investment company under the Investment Company Act but for the exemptions provided in Section 3(c)(1) or 3(c)(7) thereof) and certain similar funds, including certain commodity pools that have registered CPOs and the interests in which are not offered to the public, and (iii) entering into certain relationships with such funds.

Although the Trust does not rely upon the exemptions in Section 3(c)(1) or 3(c)(7) of the Investment Company Act for an exemption from being an investment company under the Investment Company Act, and is not a commodity pool of the type referenced in the definition of “covered fund,” the general effects of the final rules implementing the Volcker Rule remain uncertain. See “— *Risks Associated with the Commodity Exchange Act*” and “— *General Risks — The Liquidity of the Notes May be Limited — Legal and Regulatory Provisions Affecting Investors May Adversely Affect the Liquidity of Your Notes*”.

Any prospective investor in the Notes, including a U.S. or foreign bank or an affiliate or subsidiary thereof, should consult its own legal advisors regarding such matters and other effects of the Volcker Rule and regulatory implementation.

#### ***Risks Associated with the Commodity Exchange Act***

The Commodity Exchange Act, as amended by the Dodd-Frank Act, defines a “commodity pool” to include certain investment vehicles operated for the purpose of trading in “commodity interests,” including CFTC-regulated swaps. We have determined, based on the terms of the Basic Documents and other relevant facts and circumstances, that the Transactions between the Trust and us should not be considered “swaps” under the Commodity Exchange Act and, as a result, the Trust should not be a “commodity pool.” There is, however, a risk that the CFTC could challenge this determination.

Were the CFTC to determine that one or more of the Transactions between the Trust and us are CFTC-regulated “swaps,” we and the Trust would be required to comply with various CFTC regulatory obligations in respect of such Transactions. A further result of such Transactions being deemed swaps is that the Trust could be deemed a “commodity pool,” which may require us or another Transaction Party to register as a CPO and comply with applicable regulatory requirements absent an exemption. Further, if the Trust were deemed to be a “commodity pool,” by reason of having entered into a swap transaction, a fund or other collective investment vehicle that invests in the Notes may be deemed to have indirectly invested in a transaction subject to CFTC regulation, which could result in that other fund or collective investment vehicle being deemed a commodity pool. As a result, investors in the Notes that are funds or other collective investment vehicles may be subject to additional regulation by the CFTC under the Commodity Exchange Act, including applicable CPO registration requirements. Such investors may elect or be required to sell their Notes rather than comply with CFTC registration and compliance requirements, which could adversely affect the market value of the Notes and limit an investor’s ability to resell the Notes in the future. Entities that invest in the Notes should consult their attorneys and advisors to determine whether, and to what extent, they would be impacted if the Trust were to be deemed a commodity pool and investments in the Notes were to be deemed an investment in commodity interests that could subject the investor to regulation as a commodity pool.

If we reasonably determine, after consultation with external counsel (which will be a nationally recognized and reputable law firm) that we or another Transaction Party must register as a CPO, we will have the right, but not the obligation, to cause an early termination of the Collateral Administration Agreement and the Capital Contribution Agreement. Should we elect to terminate the Collateral Administration Agreement and the Capital Contribution Agreement early due to our determination that we or another person must register as a CPO, this would result in redemption of the Notes prior to the Scheduled Maturity Date.



Alternatively, we or another person may register as a CPO rather than effect an early termination of the Collateral Administration Agreement. Entities that invest in the Notes should consult their attorneys and advisors regarding the potential impact on their status or the status of persons who may be considered their operators for purposes of the Commodity Exchange Act and the CFTC's rules thereunder (including any applicable registration requirements or any exemption or exclusion with respect thereto) in the event that we or another person decide to register with the CFTC as a CPO with respect to the Trust rather than elect to cause an early redemption of the Notes.

In addition, in the event that we or another person choose to register as a CPO rather than effect an early termination of the Collateral Administration Agreement, it is possible that the Trust might be considered a "covered fund" at that time, and Volcker Rule provisions could adversely affect the ability of certain financial institutions to continue to hold, purchase and sell the Notes and thus may adversely affect the marketability of the Notes. You should consult your attorneys and advisors regarding the potential impact of the Trust becoming a "covered fund" under the Volcker Rule. See *"— General Risks — The Liquidity of the Notes May Be Limited — Legal and Regulatory Provisions Affecting Investors May Adversely Affect the Liquidity of Your Notes"*.

If we determine that the Trust is a "commodity pool" under the Commodity Exchange Act, we will direct the Indenture Trustee to notify Noteholders as to our proposed course of action, including whether we intend to claim an exemption from CPO registration, effect an early redemption of the Notes, or register as a CPO.

#### ***New Laws and Regulations May Adversely Affect Our Business Activities and the Reference Pool***

There has been a substantial expansion of the regulation of loans and of the financial services industry since the 2008 financial crisis, including requirements resulting from the Dodd-Frank Act and related rulemakings. For example, the CFPB adopted a rule that establishes ability to repay requirements for mortgage sellers, as well as rules that require servicers to, among other things, make good faith early intervention efforts to notify delinquent mortgagors of loss mitigation options, to implement available loss mitigation procedures and, if feasible, exhaust all loss mitigation options before initiating foreclosure. All of the Reference Obligations are subject to these rules, and it is possible that a seller's or servicer's failure to comply with these rules could adversely affect the value of the Reference Obligations.

Regulators may, at any time, implement new requirements related to the purchasing and servicing of mortgages, or modify and interpret requirements that already are effective. In addition, certain legislative initiatives, if adopted, could modify the Dodd-Frank Act or other provisions and related regulatory requirements. Future changes to regulatory requirements could affect the servicing value of the Reference Obligations, require us and the sellers and servicers to change certain business practices relating to the Reference Obligations and make the servicing of mortgage loans more expensive. We and the sellers and servicers may also face a more complicated regulatory environment due to future regulatory changes, which could increase compliance and operational costs. In addition, it could be difficult for us and the sellers and servicers to comply with any future regulatory changes in a timely manner, which could interfere with the servicing of the Reference Obligations, limit default management and our loss mitigation options and lead to an increased likelihood of Credit Events and Modification Events (and greater losses realized with respect thereto), which in turn could result in an increase in losses on the Notes. Also, for a discussion of the SEC's re-proposed rule to restrict sponsors and other securitization participants from engaging in transactions that would result in material conflicts of interest with respect to investors in asset-backed securities, please see the Incorporated Documents including the disclosure set forth in *"Management's Discussion and Analysis of Financial Condition and Results of Operations — Regulation and Supervision — Securities and Exchange Commission — Proposed Rule Regarding Conflicts of Interest in Securitization"* of our most recent Annual Report on Form 10-K filed with the SEC.

#### **Risks Related to Certain Characteristics of the Notes**

##### ***The Notes May Be Redeemed Before the Scheduled Maturity Date***

The Notes will be subject to mandatory redemption prior to the Scheduled Maturity Date upon the termination of the Collateral Administration Agreement and the Capital Contribution Agreement as described under *"Description of the Notes — Scheduled Maturity Date and Early Redemption Date"* and *"The Agreements — The Collateral Administration Agreement and the Capital Contribution Agreement —*



*Termination Date, Scheduled Termination Date and Early Termination Date*". Any such redemption may result in the receipt of principal of the Notes prior to the date you anticipate and may reduce your yield or cause you to incur losses on your investment in the Notes.

***Limited Source of Payments — No Recourse to Reference Obligations***

The Notes will be limited recourse obligations of the Trust, payable solely from the Trust Assets. The Notes will not be insured by any financial guaranty insurance policy. The Notes will not represent an interest in the Reference Obligations nor an obligation of us (other than with respect to our payment of the Transfer Amounts, Return Reimbursement Amounts and Capital Contribution Amounts owed by us under the Collateral Administration Agreement and Capital Contribution Agreement), the Indenture Trustee, the Owner Trustee, the Initial Purchasers or any of their affiliates. The Notes will be the obligations (or interests in obligations) solely of the Trust. If the Trust were unable to make payments on the Original Notes from the Trust Assets, no other assets would be available to Noteholders for payment of the deficiency, and Noteholders would bear the resulting loss.

***Payments on the Notes Will Be Subordinate to Payments to Us***

Under the Collateral Administration Agreement, on each Payment Date, the Trust may be required to pay a Return Amount to us equal to the aggregate amount of Tranche Write-down Amounts, if any, allocated to the Notes on such Payment Date (before giving effect to payments to Noteholders made on such Payment Date). If a Return Amount is payable to us on a Payment Date, the Trust will make such payment prior to payments to the Noteholders from the Distribution Account. As a result, the amounts available to make payments of principal on the Notes will be reduced to the extent of any payments to us of Return Amounts.

***Failure to Qualify as a REMIC Could Be Materially Adverse to Noteholders***

Pursuant to the Indenture, one or more REMIC elections are required to be made in respect of certain assets. The Designated Q-REMIC Interests are the assets of at least one such REMIC. Under the Code, if during any taxable year, an entity intending to qualify as a REMIC fails to satisfy one or more of the REMIC requirements, then such entity will not be treated as a REMIC for that taxable year or any taxable year thereafter. If any REMIC created under the Indenture or an issuer of Designated Q-REMIC Interests were not a REMIC for federal income tax purposes, the Trust likely would be treated as a corporation subject to federal income tax at corporate rates on its taxable income. The corporation could not be consolidated with any other entity for federal income tax purposes. The Notes would be treated either as debt instruments or stock in a corporation. Lack of REMIC status likely would cause the amount of cashflow available with respect to the Notes to be substantially reduced and could also result in the beneficial owners of the reclassified Notes recognizing income and other tax items with respect to their Notes that differ significantly, in amount, timing and character, from that recognized were such Notes treated, in part, as REMIC regular interests for federal income tax purposes. Any such consequences could be materially adverse to such Noteholders. See *"Certain United States Federal Income Tax Consequences"*.

***Your Ability to Exchange the Exchangeable Notes and MACR Notes May Be Limited***

You must own the right Classes in the right proportions to enter into an exchange involving MACR Notes. If you do not own the right Classes, you may not be able to obtain them because:

- The owner of a Class that you need for an exchange may refuse or be unable to sell that Class to you at a reasonable price or at any price.
- Principal payments over time will decrease the amounts available for exchange.
- A Noteholder that does not own the Note may be unable to obtain the necessary Exchangeable Notes or MACR Notes because the needed Exchangeable Notes or MACR Notes may have been purchased or placed into other financial structures and thus may be unavailable for exchange.

### ***Transfer Restrictions May Limit Your Ability to Sell Your Notes***

The Notes may be sold or transferred only (i) in the United States to “qualified institutional buyers,” as such term is defined in Rule 144A under the Securities Act, and (ii) in “offshore transactions” to persons that are not “U.S. persons,” as such terms are defined in, and in accordance with, Regulation S under the Securities Act. See “*Placement*” in this Memorandum for additional information regarding the applicable restrictions on transfer.

The Notes are subject to restrictions to avoid certain fiduciary concerns and the potential application of the prohibited transaction rules under ERISA and Code Section 4975, or, in the case of any governmental plan, church plan or foreign plan, a violation of Similar Law. The ERISA Eligible Notes may be acquired by a Plan or persons or entities acting on behalf of, using the assets of or deemed to hold the assets of, a Plan, only if certain conditions are satisfied. The Non-ERISA Eligible Notes may not be acquired or held by Plans or persons acting on behalf of, using the assets of or deemed to hold the assets of a Plan. See “*Certain ERISA Considerations*” for additional information regarding the applicable ERISA restrictions on transfer. See “*Description of The Notes — Form, Registration and Transfer of the Notes*”.

### ***Rights of Noteholders Are Limited***

#### ***Noteholders Will Have No Direct Right to Enforce Remedies Under the Indenture and No Rights or Remedies with Respect to the Reference Obligations***

The Trust will not have a contractual relationship with any mortgagor. The Trust Assets will not include any Reference Obligations and Holders will have no right to vote or exercise any other right or remedy with respect to a Reference Obligation or any mortgagor’s obligations thereunder and will have no legal or equitable interest therein.

Noteholders generally do not have the right to institute any suit, action or proceeding in equity or at law under the Indenture. This will restrict your ability as a Noteholder to enforce the provisions of the Indenture. In no event will Noteholders have the right to direct us to investigate or review any aspect of the Reference Obligations. Rather, we will have the sole discretion to determine whether to undertake such investigation or review and to interpret or otherwise determine the outcome of such investigation or review.

Only certain Indenture Events of Default will automatically trigger an acceleration of the Notes. The remaining Indenture Events of Default will require the Holders of not less than a majority of the aggregate outstanding Class Principal Balance of the Original Notes (without giving effect to exchanges) to direct the Indenture Trustee to enforce remedies to make such Notes immediately due and payable. In the event that Exchangeable Notes have been exchanged for MACR Notes, Holders of such MACR Notes will be entitled to exercise all voting rights that are allocated to such exchanged Exchangeable Notes in the manner described under “*MACR Notes*”. To the extent that such direction is not given, you will have no remedies upon an Indenture Event of Default. Noteholders may not be successful in obtaining the required percentage of Holders because it may be difficult to locate other investors to facilitate achieving the required thresholds; provided, however, the Indenture Trustee will have no duty or obligation to take any action unless the directing Holders offer indemnification satisfactory to the Indenture Trustee. See “*The Agreements — Indenture — Indenture Events of Default*”.

One or more Noteholders may purchase substantial portions of one or all Classes of Notes. If any Noteholder or group of Noteholders holds more than 50% of the aggregate outstanding Class Principal Balance of the Original Notes (without giving effect to exchanges) and disagrees with any proposed action, suit or proceeding requiring consent or direction of more than 50% of the aggregate outstanding Class Principal Balance of the Original Notes (without giving effect to exchanges), that Noteholder or group of Noteholders may block the proposed action, suit or proceeding. In the event that Exchangeable Notes have been exchanged for MACR Notes (including any MACR Notes further exchanged for other MACR Notes pursuant to an applicable Combination), Holders of such MACR Notes will be entitled to exercise all the voting rights that are allocated to such exchanged Exchangeable Notes in the manner described under “*MACR Notes*”. In some circumstances, the Holders of a specified percentage of voting rights will be entitled to direct, consent to or approve certain actions. In these cases, this direction, consent or approval will be sufficient to bind all Holders of Notes, regardless of whether you agree with such direction, consent or approval.

***The Noteholders Have Limited Control over Amendments, Modifications and Waivers to the Indenture, Account Control Agreement, Collateral Administration Agreement, Capital Contribution Agreement, Investment Management Agreement and Trust Agreement***

Certain amendments, modifications or waivers to the Indenture, Account Control Agreement, Collateral Administration Agreement, Capital Contribution Agreement, Investment Management Agreement, Administration Agreement and Trust Agreement (either directly or indirectly through direction to the Indenture Trustee) may require the consent of Holders representing only a certain percentage interest of the Notes and certain amendments, modifications or waivers to such agreements may not require the consent of any Noteholders. As a result, certain amendments, modifications or waivers to the Indenture, Account Control Agreement, Collateral Administration Agreement, Capital Contribution Agreement, Investment Management Agreement, Administration Agreement and Trust Agreement may be effected without your consent. See “*The Agreements — The Indenture — Amendments to the Indenture and the other Basic Documents*”.

***Rights of Noteholders May Be Limited by the Book-Entry System***

The Notes will be issued as Book-Entry Notes and will be held through the book-entry system of DTC, and, as applicable, Euroclear and Clearstream. Transactions in the Book-Entry Notes generally can be effected only through DTC and participants (including Euroclear and Clearstream or their respective nominees or depositaries). As a result:

- investors’ ability to pledge the Notes to entities that do not participate in the DTC, Euroclear or Clearstream system, or to otherwise act with respect to the Notes, may be limited due to the lack of a physical certificate for such Notes,
- under a book-entry format, an investor may experience delays in the receipt of payments, because payments will be made by the Indenture Trustee to DTC, Euroclear or Clearstream and not directly to an investor,
- investors’ access to information regarding the Notes may be limited because transmittal of notices and other communications by DTC to its participating organizations and directly or indirectly through those participating organizations to investors will be governed by arrangements among them, subject to applicable law, and
- you may experience delays in your receipt of payments on book-entry Notes in the event of misapplication of payments by DTC, DTC participants or indirect DTC participants or bankruptcy or insolvency of those entities, and your recourse will be limited to your remedies against those entities.

For a more detailed discussion of the Book-Entry Notes, see “*Description of The Notes — Form, Registration and Transfer of the Notes*”.

***Risks Related to the Index***

***Risks Related to the Class Coupon Being Based on SOFR***

SOFR is a relatively new interest rate index which could adversely affect the market value or liquidity of the SOFR Notes. Compounded averages of SOFR, which are used to determine the SOFR Rate, have only been published since March 2020.

The FRBNY publishes SOFR on the FRBNY’s Website. SOFR is intended to be a broad measure of the cost of borrowing cash overnight collateralized by Treasury securities. SOFR is calculated as a volume-weighted median of transaction-level tri-party repo data collected from The Bank of New York Mellon as well as General Collateral Finance Repo transaction data and data on bilateral Treasury repo transactions cleared through The Fixed Income Clearing Corporation’s delivery-versus-payment service. The FRBNY notes that it obtains information from DTCC Solutions LLC, an affiliate of DTCC. The FRBNY states on its publication page for SOFR that the use of SOFR is subject to important limitations and disclaimers, including that the FRBNY may alter the methods of calculation, publication schedule, rate revision practices or availability of SOFR at any time without notice.

SOFR is published by the FRBNY based on data received from sources outside of our control or direction and we have no control over its determination, calculation or publication. The activities of the FRBNY may directly affect prevailing SOFR rates in ways we are unable to predict. There can be no guarantee that SOFR will not be discontinued or fundamentally altered in a manner that is materially adverse to the interests of investors in SOFR Notes. If the manner in which SOFR is calculated is changed or if SOFR is discontinued, that change or discontinuance may result in a reduction of the amount of interest payable on and the trading prices of SOFR Notes.

The FRBNY began to publish SOFR in April 2018. The FRBNY has also been publishing historical indicative secured overnight financing rates going back to 2014. Investors should not rely on any historical changes or trends in SOFR as an indicator of future changes or trends in SOFR. As an overnight lending rate, SOFR may be subject to higher levels of volatility relative to other interest rate benchmarks. Also, since SOFR is a relatively new market index, the SOFR Notes will likely have no established trading market when issued, and an established trading market may not develop or may not provide significant liquidity. Market terms for securities like the SOFR Notes, such as the spread over the rate reflected in interest rate provisions, may evolve over time, and trading prices of the SOFR Notes may be lower than those of later-issued STACR notes with class coupons based on SOFR as a result. Similarly, if SOFR does not become widely adopted for securities like the SOFR Notes, the trading prices of the SOFR Notes may be lower than those of securities like the SOFR Notes linked to indices that are more widely used. Investors in SOFR Notes may not be able to sell the SOFR Notes at all or may not be able to sell the SOFR Notes at prices that will provide them with yields comparable to those of similar investments that have a developed secondary market, and may consequently experience increased pricing volatility and market risk.

Due to the emerging and developing adoption of SOFR as an interest rate index, investors who desire to obtain financing for their SOFR Notes may have difficulty obtaining any credit or credit with satisfactory interest rates, which may result in lower leveraged yields and lower secondary market prices upon the sale of such SOFR Notes. See “— *General Risks — The Liquidity of the Notes May Be Limited*”.

The use of SOFR may present additional risks that could adversely affect the value of and return on the Notes. In contrast to other indices, SOFR may be subject to direct influence by activities of the FRBNY, which activities may directly affect prevailing SOFR rates in ways we are unable to predict.

#### ***SOFR Rate Levels Could Reduce the Yield on the Notes***

Lower than anticipated levels of the SOFR Rate could result in actual yields on the SOFR Notes that are lower than anticipated. The SOFR Rate is not likely to remain constant at any level. The timing of a change in the level of the SOFR Rate may affect the actual yield on the SOFR Notes, even if the average level is consistent with your expectation. In general, the earlier a change in the level of the SOFR Rate, the greater the effect on the yield on the SOFR Notes. As a result, the effect on the yield received due to a SOFR Rate that is lower (or higher) than the rate anticipated during earlier periods is not likely to be offset by a later equivalent increase (or reduction). Moreover, changes may not correlate with changes in interest rates generally or with changes in other indices. The yield on the SOFR Notes could be either adversely or positively affected if changes in the SOFR Rate do not reflect changes in interest rates generally.

#### ***Risks Related to the SOFR Rate***

In March 2020, the FRBNY began to publish compounded averages of SOFR, which are used to determine the SOFR Rate. It is possible that there will be limited interest in securities products based upon the SOFR Rate or in Freddie Mac’s implementation of the SOFR Rate. As a result, you should consider whether any future reliance on the SOFR Rate could adversely affect the market values and yields of the SOFR Notes due to potentially limited liquidity and resulting constraints on available hedging and financing alternatives.

We may, from time to time, at our sole discretion, make SOFR Adjustment Conforming Changes without the consent of Noteholders or any other party, which could change the methodology used to determine the SOFR Rate. We can provide no assurance that the methodology to calculate the SOFR Rate will not be adjusted as described in the prior sentence and, if so adjusted, that the resulting Class Coupons will yield the same or similar economic results over the term of the SOFR Notes relative to the results that would have occurred had the Class

Coupons been based on the SOFR Rate without such adjustment or that the market value will not decrease due to any such adjustment in methodology. We will have significant discretion in making SOFR Adjustment Conforming Changes.

You should carefully consider the foregoing uncertainties prior to investing in the Notes. In general, events related to SOFR and alternative reference rates may adversely affect the liquidity, market value and yield of your Notes.

***Changes to, or Elimination of, SOFR Could Adversely Affect Your Investment in SOFR Notes***

In certain circumstances, as described under “*Description of the Notes — Benchmark Replacement Provisions — Effect of Benchmark Transition Event*” SOFR will be replaced as the Benchmark following the occurrence of a Benchmark Transition Event and its related Benchmark Replacement Date. Benchmark Transition Events include the making of public statements or the publication of information by the administrator of SOFR or its regulatory supervisor that SOFR will no longer be provided or is no longer representative of underlying market or economic conditions. There can be no assurance that these events will be sufficient to trigger a change from SOFR in all circumstances where SOFR is no longer representative of market interest rates, or that Benchmark Transition Events will align with similar events in the market generally or in other parts of the financial markets, such as the derivatives market.

If we determine that a Benchmark Transition Event and its related Benchmark Replacement Date have occurred in respect of SOFR, then the Class Coupons of the SOFR Notes will no longer be determined by reference to SOFR, but instead will be determined by reference to the Benchmark Replacement. The alternative rate of interest on the SOFR Notes will be determined in the first instance based on the alternative rate of interest that has been selected or recommended by the Relevant Governmental Body, in the second instance based on an ISDA Fallback Rate and in the third instance based on an alternative rate selected by the Administrator, in each case, together with any Benchmark Replacement Adjustment. If a particular Benchmark Replacement or related Benchmark Replacement Adjustment cannot, in the sole discretion of the Administrator, be determined (including because such Benchmark Replacement or related Benchmark Replacement Adjustment is deemed not to be administratively feasible), then the next-available Benchmark Replacement or related Benchmark Replacement Adjustment will apply. No assurance can be provided that any Benchmark Replacement (including any related Benchmark Replacement Adjustment) will be sufficient to produce the economic equivalent of SOFR, either on the Benchmark Replacement Date or over the lives of the SOFR Notes. Moreover, upon a Benchmark Transition Event related to SOFR, systems and process constraints may preclude the adoption of a replacement index in a manner consistent with market consensus or investor expectations. Additionally, we cannot anticipate how long it will take us to develop the systems and processes necessary to adopt a specific Benchmark Replacement, which may delay and contribute to uncertainty and volatility surrounding any Benchmark transition.

We will have significant discretion with respect to certain elements of the related Benchmark Replacement process, including determining whether a Benchmark Transition Event and its related Benchmark Replacement Date have occurred, determining which related Benchmark Replacement is available, determining the earliest practicable index determination date for using the related Benchmark Replacement, determining related Benchmark Replacement Adjustments (if not otherwise determined by the applicable governing bodies or authorities) and making related Benchmark Replacement Conforming Changes (including potential changes affecting the business day convention and index determination date). Holders of SOFR Notes will not have any right to approve or disapprove of these changes and will be deemed to have agreed to waive and release any and all claims relating to any such determinations. If we, in our sole discretion, determine that an alternative index is not administratively feasible, including as a result of technical, administrative or operational issues, then such alternative index will be deemed to be unable to be determined as of such date. We may determine an alternative to not be administratively feasible even if such rate has been adopted by other market participants in similar products and any such determination may adversely affect the return on the SOFR Notes, the trading market and the value of the SOFR Notes.

These circumstances, as well as general uncertainty regarding the particular interest rate (or the methodology for calculating the interest rate) that will be determined to apply in the event SOFR is discontinued,



which may be an interest rate that is materially different from SOFR, may adversely affect the price of the SOFR Notes following the discontinuation of SOFR.

Finally, in the event an alternative index is designated for determining monthly interest rates, any subsequent changes to, or the elimination of, such alternative index could adversely affect the value of and return on the SOFR Notes.

We cannot predict if SOFR will be eliminated, or, if changes are made to SOFR, the effect of those changes. In addition, we cannot predict what alternative index would be chosen, should this occur. If SOFR in its current form does not survive or if an alternative index is chosen, the market value and/or liquidity of the SOFR Notes could be adversely affected.

### **Risks Related to Freddie Mac**

In addition to the risks relating to us set forth in this Memorandum, investors should carefully consider the risk factors and other information set forth in the Incorporated Documents.

#### ***Creditworthiness of Freddie Mac***

The receipt by Holders of interest and principal payments on their Notes may be dependent on the Trust's timely receipt of payments from us under the Collateral Administration Agreement and the Capital Contribution Agreement. Our failure to pay the Transfer Amount, Return Reimbursement Amount and/or Capital Contribution Amount with respect to any Payment Date, whether because of our creditworthiness or otherwise, may result in the Trust's inability to pay interest and/or principal on the Notes in full on such Payment Date.

The Administration Agreement will require us to reimburse the Trust for Expenses. Our failure to pay Expenses for any reason, whether because of our creditworthiness, the application of the relevant Expense Cap or otherwise, will result in the Trust's inability to pay its operating expenses.

Any Freddie Mac Default would permit the Trust to designate an Early Termination Date which, in turn, would result in a redemption of the Notes on the corresponding Early Redemption Date. See “— *Risks Related to the Trust Assets — Risks Related to Eligible Investments — Your Investment Will Be Exposed to the Value of the Underlying Assets of the Relevant Eligible Investments*” and “*Description of the Notes — Scheduled Maturity Date and Early Redemption Date*”.

#### ***We Are Dependent on the Support of Treasury***

We receive substantial support from Treasury and are dependent upon continued support in order to continue operating our business. Our ability to access funds from Treasury under the Purchase Agreement is critical to keeping us solvent, allowing us to focus on our primary business objectives under conservatorship, and avoiding appointment of a receiver by FHFA under statutory mandatory receivership provisions. We cannot accurately predict what regulatory and legislative policies or actions the Administration, FHFA or Congress will pursue with respect to us. Any deterioration in our financial position and any discontinued support of the Treasury could impact our ability to perform our obligations under the Collateral Administration Agreement and the Capital Contribution Agreement. Investors will be subject to the credit risk associated with our ability to make payments under the Collateral Administration Agreement. See “*About Freddie Mac — Conservatorship and Government Support of Our Business*.” For additional information regarding the Purchase Agreement or regulatory developments pertaining to us, see the Incorporated Documents.

#### ***FHFA Could Terminate the Conservatorship by Placing Us into Receivership, Which Could Adversely Affect Our Performance Under the Collateral Administration Agreement and the Capital Contribution Agreement***

Under the GSE Act, FHFA must place us into receivership if FHFA determines in writing that our assets are less than our obligations for a period of 60 days. FHFA notified us that the measurement period for any mandatory receivership determination with respect to our assets and obligations would commence no earlier than the SEC public filing deadline for our quarterly or annual financial statements and would continue for 60 calendar days after that date. FHFA also advised us that, if, during that 60-day period, we receive funds from



Treasury in an amount at least equal to the deficiency amount under the Purchase Agreement, the Director of FHFA will not make a mandatory receivership determination.

In addition, we could be put into receivership at the discretion of the Director of FHFA at any time for other reasons set forth in the GSE Act. Several bills were introduced in past sessions of Congress that provided for Freddie Mac to be placed into receivership. In addition, FHFA could be required to place us into receivership if Treasury were unable to provide us with funding requested under the Purchase Agreement to address a deficit in our net worth. Treasury might not be able to provide the requested funding if, for example, the U.S. government were not fully operational because Congress had failed to approve funding or the government had reached its borrowing limit.

Being placed into receivership would terminate the conservatorship. The purpose of receivership is to liquidate our assets and resolve claims against us. The appointment of FHFA as our receiver would terminate all rights and claims that our stockholders and creditors might have against our assets or under the Freddie Mac Act as a result of their status as stockholders or creditors, other than possible payment upon our liquidation. Furthermore, FHFA, as receiver, could exercise certain powers that could adversely affect the Holders of the Notes. As receiver, FHFA could repudiate any contract entered into by us prior to its appointment as receiver if FHFA determines, in its sole discretion, that performance of the contract is burdensome and that repudiation of the contract promotes the orderly administration of our affairs. The GSE Act requires that any exercise by FHFA of its right to repudiate any contract occur within a reasonable period following its appointment as receiver. If FHFA, as receiver, were to repudiate our obligations under the Collateral Administration Agreement and the Capital Contribution Agreement, the receivership estate would be liable for actual direct compensatory damages as of the date of receivership under the GSE Act. Any such liability could be satisfied only to the extent that our assets were available for that purpose.

During a receivership, certain rights of the Trust under the Collateral Administration Agreement and the Capital Contribution Agreement may not be enforceable against FHFA, or enforcement of such rights may be delayed. Whether or not FHFA as receiver repudiates the Capital Contribution Agreement or the Collateral Administration Agreement, the Issuer may be treated as a general unsecured creditor of Freddie Mac with respect to any unpaid Capital Contribution Amounts, Transfer Amounts or Return Reimbursement Amounts that accrued prior to the commencement of the receivership. A receivership of Freddie Mac is not an Indenture Event of Default; however, if an Indenture Event of Default occurs as a result of such receivership, it would be a Freddie Mac Default, which will give the Trust the right to designate an Early Termination Date.

The GSE Act also provides that no person may exercise any right or power to terminate, accelerate or declare an event of default under certain contracts to which we are a party, or obtain possession of or exercise control over any property of ours, or affect any contractual rights of ours, without the approval of FHFA as receiver, for a period of 90 days following the appointment of FHFA as receiver.

Additionally, during a receivership, FHFA could take the position that our contribution of the IO Q-REMIC Interest to the Trust constitutes only the grant of a security interest under applicable law, that we continue to own the IO Q-REMIC Interest and that FHFA as receiver should control and administer the IO Q-REMIC Interest. As a result, there could be delays in payments to Noteholders and in efforts to enforce recourse against the IO Q-REMIC Interest.

The Housing and Economic Recovery Act of 2008 provides general exceptions to the powers of FHFA as receiver. The legal isolation of the IO Q-REMIC Interest, effectuated by our contribution thereof to the Trust, falls under the general exceptions, insofar as the IO Q-REMIC Interest is an interest in mortgages or pools of mortgages held by Freddie Mac in custodial capacity for the benefit of third parties. If FHFA were to dispute that the IO Q-REMIC Interest is an interest in mortgages or pools of mortgages, our contribution thereof to the Trust may still be respected in the event of any receivership on equitable grounds because the contribution is intended to enhance the assets of our conservatorship estate. However, if a court were to hold that the IO Q-REMIC is not an interest in mortgages or pools of mortgages and that the equities do not require that FHFA respect the contribution, the IO Q-REMIC Interest could be subject to administration in our receivership estate, and there could be delays or reductions in payments to Noteholders and in efforts to enforce recourse against the IO Q-REMIC Interest, or other losses with respect to the Notes.

The Custodian Account and the Eligible Investments held therein are legally separated from any receivership estate because they are owned by the Issuer, which is a legally separate entity from us and, moreover, because we will never have had any ownership interest in the Note proceeds used to purchase the Eligible Investments. The legal isolation of the Custodian Account and Eligible Investments held in the Custodian Account could nonetheless be challenged if FHFA were to ask a court to substantively consolidate the Trust with us and to pool all of their respective assets for distributions to our creditors. The GSE Act does not expressly authorize FHFA, as receiver, to substantively consolidate affiliates into us, and the disregard of an entity's separate existence is not generally favored. However, if substantive consolidation were nonetheless to occur, there could be delays in payments to Noteholders and in the enforcement of rights to payments from the Custodian Account.

If the IO Q-REMIC Interest, the Custodian Account or the Eligible Investments held in the Custodian Account were subject to administration in our receivership estate, the lien under the Indenture should be respected. However, if FHFA as receiver were to establish a successor to us that acquired our assets and obligations, the lien of the Indenture may be subject to a priming lien in favor of any such successor if the successor were unable to obtain unsecured or subordinate secured credit or issue unsecured or subordinate secured debt and the successor provides Noteholders with adequate protection in the form of periodic cash payments, additional or replacement liens or other similar relief, which could reduce payments to Noteholders. If the lien of the Indenture is not perfected with respect to the IO Q-REMIC Interest, the Trust may be treated as an unsecured creditor of Freddie Mac with respect to amounts payable pursuant to the IO Q-REMIC Interest. We can provide no assurance that the lien of the Indenture is perfected with respect to the IO Q-REMIC Interest. As a result, there could be delays in payments to Noteholders and in efforts to enforce recourse against the IO Q-REMIC Interest.

For additional information regarding the conservatorship and any termination of the conservatorship, see the Incorporated Documents.

#### ***A Receiver May Transfer or Sell Our Assets and Liabilities***

If FHFA were to be appointed as receiver for us, the receiver would have the right to transfer or sell any asset or liability of ours, without any approval, assignment or consent. If the receiver were to transfer our obligations under the Collateral Administration Agreement and the Capital Contribution Agreement to another party, Holders of the Notes would be exposed to the credit risk of that party.

#### ***Changes in Our Business Practices May Adversely Affect Your Investment***

We have a set of policies and procedures that we follow in the normal course of our mortgage loan purchase and servicing business, which are generally described in this Memorandum. We have indicated that certain of these practices are subject to change over time, as a result of changes in the economic environment and as a result of regulatory changes and changes in requirements of our regulators, among other reasons. In addition to oversight by FHFA as our Conservator, we are subject to regulation and oversight by FHFA under our charter and the GSE Act and to certain regulation by other government agencies. FHFA has the power to require us from time to time to change our processes, take action, and/or stop taking action that could impact our business. We may at any time change our practices as they relate to servicing requirements for servicers, including policies with respect to loss mitigation, quality control policies and quality assurance policies, policies governing the pursuit of remedies for breaches of sellers' representations and warranties, REO disposition policies and other policies and procedures that may, in their current forms, benefit the Noteholders. See "*General Mortgage Loan Purchase and Servicing — Quality Control Process*" in Appendix E. In undertaking any changes to our practices or our policies and procedures, we may exercise complete discretion and have no obligation to consider the impact on you, and may undertake changes that negatively affect you in pursuing other interests, including, but not limited to, minimizing losses for taxpayers and complying with requirements put forth by our regulators, among others.

Pursuant to the Indenture, we are permitted to revise the definition of Reporting Period to conform to any updates to our operational processes or timelines for mortgage loans serviced in accordance with the Guide, provided that notice of such revision is included in a Payment Date Statement made available to the Noteholders

at least two calendar months prior to the first Payment Date affected by such revision. See “*The Agreements — The Indenture — Amendments to the Indenture and the other Basic Documents*”. There can be no assurance that any such revision will not have an adverse effect on the yield of the Notes.

## **Risks Related to the Transaction Parties**

### ***The Interests of the Transaction Parties and Others May Conflict with and Be Adverse to the Interests of the Noteholders***

The relationships among the Transaction Parties and other third parties are multifaceted and complex. As discussed in more detail below, the various relationships among these parties can create circumstances, including disputes, that result in interests and incentives that are or may be inconsistent with or adverse to the interests of the Noteholders. For additional information about the risks relating to our relationships with our sellers and servicers and other counterparties, see the Incorporated Documents.

### ***Our Actions with Respect to REO Dispositions, Note Sales, Third-Party Sales, Short Sales and Disposition Timelines May Increase the Risk of Loss***

We have considerable discretion, influence and authority with respect to the ultimate disposition of mortgage loans. In the exercise of this discretion, we have the ability to accept or reject prices and bids on REOs, note sales, third-party sales and short sales. In the event we reject an offer, such rejection could delay the ultimate disposition of a mortgaged property. Any periods between an offer that is rejected and the ultimate disposition of the mortgaged property may result in additional expenses (including but not limited to delinquent accrued interest, legal fees, real estate taxes and maintenance and preservation expenses), being incurred that ultimately increase the actual loss realized on a mortgaged property. Subsequent offers that we ultimately accept could be less than previous offers presented to us. Any such additional expenses or reduced offers will reduce the Net Liquidation Proceeds and result in greater Tranche Write-down Amounts being allocated to the Reference Tranches (and the corresponding Classes of Notes). Moreover, delays in the ultimate disposition of a mortgaged property beyond the Scheduled Maturity Date will prevent losses being allocated to the Notes. Accordingly, our ability to expedite the ultimate disposition of any mortgaged property before the Scheduled Maturity Date ultimately will result in losses allocated to the Notes.

### ***Our Interests May Not Be Aligned with the Interests of the Noteholders***

In conducting our business, including the acquisition, financing, securitization and servicing of mortgage loans, we maintain on-going relationships with our sellers and servicers. As a result, while we may have contractual rights to enforce obligations that our sellers and servicers may have, we may elect not to do so or we may elect to do so in a way that serves our own interests (including, but not limited to, working with our regulators toward housing policy objectives, maintaining strong on-going relationships with our sellers and servicers and maximizing interests of the taxpayers) without taking into account the interests of the Noteholders. In 2011, FHFA, as Conservator for Freddie Mac and Fannie Mae, filed lawsuits against various financial institutions and related defendants seeking to recover losses and damages allegedly sustained by Freddie Mac and Fannie Mae as a result of their investments in certain mortgage securities issued or sold by these financial institutions or their affiliates. These institutions include some of our largest sellers, servicers and dealers, including certain of the sellers of mortgage loans included in the Reference Pool and the Initial Purchasers for this offering of Notes. In these actions, FHFA claimed that the sellers, and various affiliates, made misrepresentations regarding mortgage loans that backed the residential mortgage-backed securities purchased by Freddie Mac and Fannie Mae. These actions include claims under various state and federal statutes and with respect to some of these actions, claims under state common law theories such as fraud, fraudulent inducement, fraudulent concealment, negligent misrepresentation, and aiding and abetting fraud. The claims are predicated upon various factual allegations, including that the offering materials for the mortgage securities issued in connection with the securitizations falsely represented, among other things: (1) various characteristics of the mortgage loans (including LTV ratio and DTI ratio and home occupancy status); and (2) that the mortgage loans were originated in accordance with certain underwriting guidelines. In connection with these lawsuits, our Conservator has taken the position that mortgage loan originators, including originators of mortgage loans in the Reference Pool, abandoned their own underwriting standards and issued loans without regard to mortgagors’

ability to repay them. In addition, we have directed trustees to file lawsuits against certain sellers of mortgage loans alleging breach of contract with respect to certain residential mortgage-backed securities purchased by us between 2006 and 2008. We cannot assure you that the existence of any prior, current or future disputes or litigation will not affect the manner in which we act in the future.

Our interests, as owner of the Reference Obligations, as guarantor of any PCs backed by Reference Obligations, as the party directing our quality control process for reviewing mortgage loans or as master servicer, may be adverse to the interests of the Noteholders. The effect of linking the Notes to the Reference Pool and the corresponding Classes of Reference Tranches established pursuant to the hypothetical structure is that we will transfer certain credit risk that we bear with respect to the Reference Pool to the extent that the Notes are subject to principal write-downs and interest amount reductions as described in this Memorandum. We, in any of our capacities with respect to the Notes or the Reference Obligations, are not obligated to consider the interests of the Noteholders in taking or refraining from taking any action. Such action may include revising provisions of the Guide to provide for alternative modification programs or to provide less or more stringent servicing requirements through TOBs. See “— *Risks Related to the Notes Being Linked to the Reference Pool — Risks Associated with Mortgage Loan Purchasing and Servicing Generally — Servicers May Not Follow the Requirements of Our Guide or TOBs, and Servicing Standards May Change Periodically*” above. In implementing new provisions in the Guide, we do not differentiate between Reference Obligations and mortgage loans that are not in the Reference Pool. In addition, in connection with our role as Sponsor, we will be acting solely for our own benefit and not as agent or fiduciary on behalf of investors. Also, there is no independent third party engaged with respect to the Notes to monitor and supervise our activities as Sponsor.

#### ***Potential Conflicts of Interest of the Initial Purchasers and Their Affiliates***

The activities of the Initial Purchasers and their respective affiliates may result in certain conflicts of interest. The Initial Purchasers and their affiliates may retain, or own in the future, Classes of Notes, and any voting rights of those Classes could be exercised by them in a manner that could adversely affect the Notes. The Initial Purchasers and their affiliates may invest or take long or short positions in securities or instruments, including the Notes, that may be different from your position as an investor in the Notes. If that were to occur, such Initial Purchaser's or its affiliate's interests may not be aligned with your interests in Notes you acquire.

The Initial Purchasers and their respective affiliates include broker-dealers whose business includes executing securities and derivative transactions on their own behalf as principals and on behalf of clients. Accordingly, the Initial Purchasers and their respective affiliates and clients acting through them from time to time buy, sell or hold securities or other instruments, which may include one or more Classes of the Notes, and do so without consideration of the fact that the Initial Purchasers acted as Initial Purchasers for the Notes. Such transactions may result in the Initial Purchasers and their respective affiliates and/or their clients having long or short positions in such instruments. Any such short positions will increase in value if the related securities or other instruments decrease in value. Further, the Initial Purchasers and their respective affiliates may (on their own behalf as principals or for their clients) enter into credit derivative or other derivative transactions with other parties pursuant to which they sell or buy credit protection with respect to one or more of the Notes. The positions of the Initial Purchasers and their respective affiliates or their clients in such derivative transactions may increase in value if the Notes suffer losses or decrease in value. In conducting such activities, none of the Initial Purchasers or their respective affiliates will have any obligation to take into account the interests of the Holders of the Notes or any possible effect that such activities could have on them. The Initial Purchasers and their respective affiliates and clients acting through them may execute such transactions, modify or terminate such derivative positions and otherwise act with respect to such transactions, and may exercise or enforce, or refrain from exercising or enforcing, any or all of their rights and powers in connection therewith, without regard to whether any such action might have an adverse effect on the Notes or the Holders of the Notes. Additionally, none of the Initial Purchasers and their respective affiliates will have any obligation to disclose any of these securities or derivatives transactions to you in your capacity as a Holder of a Note.

To the extent the Initial Purchasers or one of their respective affiliates makes a market in the Notes (which they are under no obligation to do), they would expect to receive income from the spreads between their bid and offer prices for the Notes. In connection with any such activity, they will have no obligation to take, refrain from taking or cease taking any action with respect to these transactions and activities based on the potential effect on

an investor in the Notes. The prices at which the Initial Purchasers or one of their respective affiliates may be willing to purchase the Notes, if they make a market for the Notes, will depend on market conditions and other relevant factors and may be significantly lower than the issue prices for the Notes and significantly lower than the prices at which they may be willing to sell the Notes.

Furthermore, the Initial Purchasers expect that a completed offering will enhance their ability to assist clients and counterparties in transactions related to the Notes and in similar transactions (including assisting clients in additional purchases and sales of the Notes and hedging transactions). The Initial Purchasers expect to derive fees and other revenues from these transactions. In addition, participating in a successful offering and providing related services to clients may enhance the Initial Purchasers' relationships with various parties, facilitate additional business development and enable them to obtain additional business and to generate additional revenue.

The Initial Purchasers and their affiliates will not have any obligation to monitor the performance of the Notes or the actions of us, the sellers or servicers, the Indenture Trustee, the Exchange Administrator or any other Transaction Party and will not have the authority to advise any such party or to direct their actions. The Initial Purchasers or any of their respective affiliates may provide financing or funding with respect to any of the sellers and/or servicers of the Reference Obligations. No such Initial Purchaser or any affiliate thereof is obligated to consider the interests of the Noteholders in taking or refraining from taking any action with respect to such financing arrangements.

Investors should be aware that any of the Initial Purchasers may be affiliated with sellers and/or servicers of Reference Obligations, but the aggregate UPB (as of the Cut-off Date) of the Reference Obligations related to any such seller and/or servicer did not exceed 1% of the Cut-off Date Balance of the Reference Pool. The interest of any affiliated seller and/or servicer with respect to the Reference Obligations may be adverse to the interests of the Noteholders, and any such affiliated seller and/or servicer is not obligated to consider the interests of the Noteholders in taking or refraining from taking any action.

#### ***Potential Conflicts of Interest of the Indenture Trustee and the Exchange Administrator***

Citibank serves as the Indenture Trustee and the Exchange Administrator and is an affiliate of CitiMortgage, Inc. ("CitiMortgage"), an originator and/or seller with respect to approximately 0.36% of the Reference Obligations by Cut-off Date Balance and a servicer with respect to approximately 0.36% of the Reference Obligations by Cut-off Date Balance. In its roles as originator, seller and/or servicer, CitiMortgage's interests with respect to the Reference Obligations may be adverse to the interests of the Noteholders and CitiMortgage is not obligated to consider the interests of the Noteholders in taking or refraining from taking any action in its role as originator, seller and/or servicer. It is expected that CitiMortgage will continue to act as an originator, seller and/or servicer for mortgage loans that are not included in the Reference Pool.

#### ***Potential Conflicts of Interest Between the Classes of Notes***

There may be conflicts of interest between the Classes of Notes due to differing payment priorities and terms. You should consider that certain decisions may not be in the best interests of each Class of Notes and that any conflict of interest among the Noteholders may not be resolved in your favor. For example, Noteholders may exercise their voting rights so as to maximize their own interests, resulting in certain actions and decisions that may not be in the best interests of different Noteholders.

#### ***Cyberattacks or Other Security Breaches Could Have a Material Adverse Effect on the Businesses of the Transaction Parties, Which Could Adversely Affect Your Investment***

In the normal course of business, Freddie Mac and the other Transaction Parties may collect, process and retain confidential or sensitive information regarding their customers. The sharing, use, disclosure and protection of this information is governed by the privacy and data security policies of such parties. Moreover, there are federal, state and international laws regarding privacy and the storing, sharing, use, disclosure and protection of personally identifiable information and user data. Although the Transaction Parties may devote significant resources and management focus to ensuring the integrity of their systems through information security and business continuity programs, their facilities and systems, and those of their third-party service providers, may be



subject to external or internal security breaches, acts of vandalism, computer viruses, misplaced or lost data, programming or human errors, or other similar events.

The access by unauthorized persons to, or the improper disclosure by Freddie Mac or any other Transaction Party of, confidential information regarding their customers or their own proprietary information, software, methodologies and business secrets could result in business disruptions, legal or regulatory proceedings, liability under laws that protect the privacy of personal information, reputational damage, or other adverse consequences, any of which could materially adversely affect their or their customers' financial condition or results of operations (including the servicing of the Reference Obligations). Cybersecurity risks for organizations like Freddie Mac and the other Transaction Parties have expanded in part because of new technologies, the use of the internet and telecommunications technologies (including mobile and other connected devices) to conduct financial and other business transactions, increases in the adoption of remote work environments, the growing sophistication and activities of organized crime, perpetrators of fraud, hackers, terrorists, state-sponsored actors and others, and the evolving nature of these threats. For example, hackers have engaged in targeted attacks against organizations that are designed to disrupt key business services. We cannot assure you that Freddie Mac or the other Transaction Parties will not suffer any such attacks in the future.

Cyberattacks or other breaches, whether affecting Freddie Mac or other Transaction Parties, could result in heightened consumer concern and regulatory focus and increased costs, which could have a material adverse effect on Freddie Mac's or other Transaction Parties' businesses. In addition, any Transaction Party could be adversely affected if it was subject to a successful cyberattack or other security incident. If the business of a Transaction Party was materially adversely affected by any such event, such Transaction Party may not be able to fulfill its obligations under the Basic Documents.

## **General Risks**

### ***The Notes May Not Be Repaid in Full***

The Notes do not represent obligations (or interests in obligations) of any person or entity other than the Trust and do not represent a claim against any assets other than the Trust Assets. No governmental agency or instrumentality will guarantee or insure payment on the Notes. If the Trust were unable to make payments on the Original Notes from Trust Assets, no other assets would be available to make up the deficiency, and Noteholders would bear the resulting loss.

### ***There May Be Volatility in the Market Value of the Notes***

The market value of the Notes may be volatile and change rapidly and significantly. Changes in the market value of the Notes may not be related to the performance or anticipated performance of the Reference Obligations. Rather, changes in the market value of the Notes may result from a variety of factors, e.g., downgrades or defaults of government debt or of U.S. government-sponsored enterprises, downgrades or defaults of sovereign debt of other countries, changes in interest rates, perceived risk, supply and demand for similar or other investment products, accounting standards, capital requirements that apply to regulated financial institutions and other factors that are not directly related to the Reference Obligations. The risk of an early termination of the Collateral Administration Agreement and the Capital Contribution Agreement may also affect the market value of the Notes. Additionally, if we elect not to designate an Early Termination Date upon the occurrence of an Optional Termination Event, the liquidity and market value of the Notes may be materially and adversely affected.

### ***The Ratings on the Rated Notes May Not Reflect All Risks***

#### ***A Credit Rating Is Not a Recommendation to Buy, Sell or Hold a Note and May Be Revised or Withdrawn by the Rating Agencies***

The ratings on the Rated Notes may not reflect the potential impact of all risks related to the structure of, or the market for, such Notes, or the additional factors discussed herein and other factors that may affect the value of such Notes. It is possible that the Rating Agencies could revise their delinquency and loss models and, following the Closing Date, downgrade their ratings on certain Classes of the Rated Notes that were not subject

to such models as part of the rating process. You should be aware that legislative, regulatory or other events involving us could negatively affect the ratings of the Rated Notes. See “*Ratings*”. The ratings of the Notes are not a guaranty of the value of the mortgaged properties related to the Reference Obligations and Noteholders may incur losses regardless of the ratings.

***A Reduction, Withdrawal or Qualification of the Ratings on the Rated Notes, or the Issuance of an Unsolicited Rating, May Adversely Affect the Market Value of the Notes and/or Limit Your Ability to Sell Your Notes***

We have engaged the Rating Agencies and will pay them a fee to assign ratings on the Rated Notes only. A Rating Agency may have a conflict of interest where, as is the industry standard and the case with the rating of the Rated Notes, the Trust or sponsor pays the fees charged by the engaged Rating Agency for their ratings services. We have not engaged any other NRSRO to assign ratings on the Rated Notes and are not aware that any other NRSRO has assigned ratings on the Rated Notes. However, under effective SEC rules, information provided by or on behalf of us to an engaged NRSRO for the purpose of assigning or monitoring the ratings on the Rated Notes is required to be made available to all NRSROs in order to make it possible for non-engaged NRSROs to assign unsolicited ratings on the Rated Notes. An unsolicited rating could be assigned at any time, including prior to the Closing Date, and none of us, the Initial Purchasers or any affiliates of the Initial Purchasers will have any obligation to inform you of any unsolicited ratings assigned after the date of this Memorandum. NRSROs, including the Rating Agencies, have different methodologies, criteria, models and requirements. If any non-engaged NRSRO assigns unsolicited ratings on the Rated Notes or issues other commentary on the Rated Notes, there can be no assurance that such ratings will not be lower than the ratings provided by the Rating Agencies or that the commentary will not imply a lower rating, which may adversely affect the market value of the Rated Notes and/or limit an investor’s ability to resell the Rated Notes. If we fail to make available to the non-engaged NRSROs any information provided to the Rating Agencies for the purpose of assigning or monitoring the ratings on the Rated Notes, the Rating Agencies could withdraw their ratings on the Rated Notes, which may adversely affect the market value of those Notes and/or limit an investor’s ability to resell the Notes. Potential investors in the Rated Notes are urged to make their own evaluation of such Notes, including the credit enhancement on such Notes, and not to rely solely on the ratings on such Notes.

Other than the Rated Notes, no other Notes will be rated and we have no obligation to obtain ratings for such Notes in the future. The lack of a rating reduces the potential liquidity of the Notes without a rating and thus may affect the market value of such Notes. In addition, the lack of a rating will reduce the potential for, or increase the cost of, financing the purchase and/or holding of Notes that are not Rated Notes. Investors subject to capital requirements may be required to hold more capital against Notes that are not Rated Notes than would have been the case had such Classes of Notes been rated. If in the future we were to sponsor a transaction structured to issue notes similar to the Notes that are not Rated Notes or other securities under an alternative risk sharing arrangement, we may seek to have such securities rated by one or more NRSROs. As a result, the marketability of the Notes that are not Rated Notes may be impaired because they are not so rated.

***The Ratings of the Interest Only MACR Notes That Are Rated Notes Do Not Address the Timing or Magnitude of Reductions of the Notional Principal Amounts***

The Interest Only MACR Notes are only entitled to payments of interest. In the event that Holders of the Interest Only MACR Notes do not fully recover their investment as a result of (i) a high rate of Credit Events and Modification Events that result in losses being realized with respect to the Reference Obligations, or (ii) rapid principal prepayments on the Reference Obligations, all amounts “due” to such Holders will nevertheless have been paid, and such result is consistent with the ratings received on the Interest Only MACR Notes that are Rated Notes. For example, if the Reference Obligations were to prepay in the initial month following the Closing Date, Holders of the Interest Only MACR Notes would receive only a single month’s interest and, therefore, would suffer a nearly complete loss of their investment. The Notional Principal Amounts of the Interest Only MACR Notes on which interest is calculated will be reduced by the allocation under the hypothetical structure described in this Memorandum of Tranche Write-down Amounts and prepayments, whether voluntary or involuntary, to the related Reference Tranches and Exchangeable Notes from which their respective Notional Principal Amounts are derived. The ratings do not address the timing or magnitude of reductions of such Notional Principal

Amounts, but only the obligation to pay interest in a timely manner on the Notional Principal Amounts as so reduced from time to time. Therefore, the ratings of the Interest Only MACR Notes that are Rated Notes should be evaluated independently from similar ratings on other types of securities.

#### ***Exchanges of Notes May Result in Investors Holding Lower Rated Notes***

Before making an exchange involving Exchangeable Notes and MACR Notes, you should consider carefully the ratings consequences of the contemplated exchange. A rating may have relevance beyond the Rating Agency's assessment of the credit quality of a security; the rating of a security can determine the treatment of such security for certain regulatory purposes. You should consult with your advisors before exchanging your Notes.

#### ***The Notes May Not Be a Suitable Investment for You***

The Notes are not suitable investments for all investors. You should not purchase any Class of Notes unless you understand, and are able to bear, the prepayment, credit, liquidity, market and other risks associated with that Class of Notes. As described in these "*Risk Factors*", the yield to maturity and the aggregate amount and timing of payments on the Notes are subject to material variability from period to period and give rise to the potential for significant loss over the life of the Notes. An investment in the Notes involves substantial risks and uncertainties and should be considered only by sophisticated investors with substantial investment experience with similar types of securities.

#### ***The Liquidity of the Notes May Be Limited***

##### ***Transfer Restrictions Applicable to the Notes May Limit Liquidity***

The Notes are being offered in a private placement only (i) in the United States to "qualified institutional buyers," as such term is defined in Rule 144A under the Securities Act, and (ii) in "offshore transactions," to persons that are not "U.S. persons," as such terms are defined in, and in accordance with, Regulation S under the Securities Act. The Notes will not be registered under the Securities Act or the securities laws of any state. Accordingly, no transfer of a Note may be made unless such transfer is (i) in the United States to a "qualified institutional buyer," as such term is defined in Rule 144A under the Securities Act, or (ii) to a person that is not a "U.S. person" and that acquired the Note in an "offshore transaction," as such terms are defined in, and in accordance with, Regulation S under the Securities Act and such transfer itself is exempt from the registration requirements of the Securities Act and any applicable state securities laws. See "*Notice to Investors*".

The Notes are subject to additional restrictions on transfer to or for the benefit of employee benefit plans and other retirement arrangements subject to ERISA or Code Section 4975 or Similar Law. Fiduciaries and other persons contemplating investing "plan assets" of Plans in such Notes should consider the fiduciary investment standards and prohibited transaction rules of ERISA and Code Section 4975, Similar Law and the applicable provisions of any other applicable laws before authorizing an investment of the plan assets of any Plan in such Notes. See "*Certain ERISA Considerations*" in this Memorandum.

Transfers of a Note will not be registered unless the transfer complies with all applicable restrictions. As a result, a secondary trading market for the Notes may not develop and you must be prepared to bear the risk of your investment in the Notes until maturity.

The Notes will not be required to be listed on any national securities exchange or traded on any automated quotation systems of any registered securities association. The Initial Purchasers will have no obligation to make a market in the Notes. As a result, there can be no assurance as to the liquidity of the market that may develop for the Notes, or if it does develop, that it will continue. It is possible that investors who desire to sell their Notes in the secondary market may find no or few potential purchasers and experience lower resale prices than expected. Investors who desire to obtain financing for their Notes similarly may have difficulty obtaining any credit or credit with satisfactory interest rates which may result in lower leveraged yields and lower secondary market prices upon the sale of the Notes. In addition, the ability of the Initial Purchasers to make a market in the Notes may be impacted by changes in regulatory requirements applicable to marketing and selling of, or issuing quotations with respect to, asset-backed securities generally (including, without limitation, the application of

Rule 15c2-11 under the Exchange Act, to the publication or submission of quotations, directly or indirectly, in any quotation medium by a broker or dealer for securities such as the Notes). See “— *Risks Related to the Notes Being Linked to the Reference Pool — Risks Associated with Mortgage Loans Generally — Turbulence in the Residential Mortgage Market and/or Financial Markets and/or Lack of Liquidity for Mortgage-Related Securities May Adversely Affect the Performance and Market Value of the Notes*”.

We may purchase or otherwise acquire some or all of any Class of Notes at any price or prices, in the open market or otherwise. Pursuant to the Indenture, we have the right to cause any Notes we acquire to be retired by the Trust. The timing and frequency of any retirement of Notes by the Trust could affect the liquidity of the Notes that remain outstanding after such retirement by reducing the availability of such Notes in the secondary market; any such change in the liquidity of such Notes could adversely affect prices for such Notes. See “*The Agreements — The Indenture — Optional Retirement of Notes Owned by Freddie Mac*”.

We make no representation as to the proper characterization of the Notes for legal investment, regulatory, financial reporting or other purposes, as to the ability of particular investors to purchase the Notes under applicable legal investment or other restrictions or as to the consequences of an investment in the Notes for such purposes or under such restrictions. The liquidity of trading markets for the Notes may also be adversely affected by general declines or disruptions in the credit markets. Such market declines or disruptions could adversely affect the liquidity of and market for the Notes independent of the credit performance of the Reference Pool or its prospects. We have no obligation to continue to sponsor transactions structured to issue securities similar to the Notes or with similar terms. FHFA may require us to discontinue sponsoring transactions structured to issue such securities or require that alternative risk sharing transactions be effected, thereby affecting the development of the market for the Notes. Further, even though we are required to work together with Fannie Mae in implementing risk sharing transactions, the terms and structures of these transactions may be different.

#### ***Legal and Regulatory Provisions Affecting Investors May Adversely Affect the Liquidity of Your Notes***

Regulatory or legislative provisions applicable to certain investors may have the effect of limiting or restricting their ability to hold or acquire securities such as the Notes, which in turn may adversely affect the ability of Noteholders who are not subject to those provisions to resell their Notes in the secondary market. For example, regulations were first adopted on December 10, 2013 to implement the Volcker Rule, which, among other things, restricts purchases or sales of securities and derivatives by “banking entities” (which is broadly defined to include U.S. banks and bank holding companies and many non-U.S. banking entities, together with their respective subsidiaries and other affiliates) if conducted on a proprietary trading basis. The Volcker Rule’s provisions may adversely affect the ability of banking entities to purchase and sell the Notes and thus may adversely affect the marketability of the Notes.

The Trust has been structured with the intent that it will not constitute a “covered fund” for purposes of the Volcker Rule under the Dodd-Frank Act. The Trust has not been registered and will not be registered with the SEC as an investment company in reliance on Section 2(b) of the Investment Company Act. In the unlikely event that the Trust is determined to be a “commodity pool” as defined in the Commodity Exchange Act and we choose to register as a CPO rather than designate an Early Termination Date, it is possible that the Trust might be considered a “covered fund” at that time. As a result, after any such registration, the Volcker Rule’s provisions may adversely affect the ability of banking entities to continue to hold, purchase and sell the Notes and thus may adversely affect the liquidity of the Notes. See “— *Risks Related to the Trust Assets — Risks Associated with Legislation and Regulation — Risks Associated with the Investment Company Act*” and “— *Risks Associated with the Commodity Exchange Act*”.

The Notes will not constitute “mortgage related securities” for purposes of SMMEA, and the Notes may be regarded as high risk, derivative, risk linked or otherwise complex securities. You are urged to consult your legal advisors with respect to such matters prior to investing in the Notes. The Notes should not be purchased by prospective investors who are prohibited from acquiring securities having the characteristics described herein.

#### ***Legality of Investment***

You are responsible for determining whether you have the legal power, authority and right to purchase the Notes. None of the Transaction Parties expresses any view as to your legal power, authority or right to purchase

the Notes. You are urged to consult your legal, tax and accounting advisors with respect to such matters. See “*Legal Investment*” for additional information.

***Combination or “Layering” of Multiple Risk Factors May Significantly Increase the Risk of Loss on Your Notes***

Although the various risks discussed in this Memorandum are generally described individually, any combination of two or more risks, whether concurrent or serial in nature, may significantly increase the risk of loss on your Notes. The interaction of the risk factors described in this Memorandum and their effects are impossible to predict and are likely to change from time to time.



## THE TRUST

The Trust is a statutory trust created under the laws of the State of Delaware pursuant to the Trust Agreement. The purpose of the Trust is to engage in the following activities:

- (a) to enter into and perform its obligations under the Collateral Administration Agreement;
- (b) to enter into and perform its obligations under the Capital Contribution Agreement;
- (c) to enter into and perform its obligations under the Indenture;
- (d) to enter into and perform its obligations under the Investment Management Agreement;
- (e) to enter into and perform its obligations under the Administration Agreement;
- (f) to enter into and perform its obligations under the Account Control Agreement;
- (g) to enter into and perform its obligations under the Note Purchase Agreement;
- (h) to issue the Notes, the Residual Certificates and the X-IO Interest pursuant to the Indenture and the Owner Certificate pursuant to the Trust Agreement;
- (i) to enter into and perform its obligations under the other Basic Documents;
- (j) to invest the proceeds of the sale of the Notes in Eligible Investments and to invest the proceeds realized upon the maturity or redemption or other prepayment of Eligible Investments in additional Eligible Investments, from time to time, as contemplated in the Trust Agreement; and
- (k) to engage in such other activities, including entering into and performing its obligations under any other agreements that are necessary, suitable or convenient to accomplish the foregoing or are incidental thereto or connected therewith.

The Trust will not engage in any activity other than in connection with those specified above, other than as required or authorized by the terms of the Trust Agreement or the other Basic Documents to which it is a party. No person acting on behalf of the Trust will have the authority to consummate any act that would result in an Adverse REMIC Event. The Trust may not consolidate with, merge into, or transfer or convey all or substantially all of its assets to any other corporation, partnership, trust or other person or entity, except in accordance with the Trust Agreement.

As holder of the Owner Certificate, we will generally be empowered to direct the Owner Trustee in the management of the Trust, but only to the extent consistent with the limited purpose of the Trust and in accordance with the terms of the Trust Agreement and the other Basic Documents to which the Trust is a party. In addition to the Owner Certificate, the Trust will issue the Residual Certificates. The Residual Certificates will constitute noneconomic REMIC residual interests under the Regulations. We will initially be the holder of each Residual Certificate. The Trust will also issue the X-IO Interest, which we will hold. The X-IO Interest will have no principal balance and will represent the entitlement on any Payment Date to the excess, if any, of (i) the amount payable in respect of the IO Q-REMIC Interest for the related Payment Date over (ii) the Transfer Amount for the related Payment Date.

The Trust Assets are comprised of all right, title and interest of the Trust in, to and under, whether now owned or existing, or hereafter acquired or arising, (a) the Basic Documents, (b) the IO Q-REMIC Interest, (c) the Distribution Account and any amounts from time to time on deposit therein, (d) the Custodian Account and any amounts from time to time on deposit therein, (e) all Eligible Investments and all income realized from the investment thereof, (f) all accounts, general intangibles, chattel paper, instruments, documents, goods, money, investment property, deposit accounts, letters of credit and letter-of-credit rights, consisting of, arising from, or relating to, any of the foregoing, and (g) all proceeds, accessions, profits, income, benefits, substitutions and replacements, whether voluntary or involuntary, of and to any of the property of the Trust.

On the Closing Date, pursuant to the Indenture, the Notes will be issued and the proceeds from such issuance will be deposited into the Custodian Account. In addition, no amendment may be made to the Trust Agreement unless the Owner Trustee has received a Tax Opinion.

The Trust will dissolve and be wound up upon the payment of the Notes in accordance with the terms of the Trust Agreement and the payment or discharge of all other amounts owed by the Trust under the Basic Documents.

## DESCRIPTION OF THE NOTES

### General

On the Closing Date, the Trust will issue the following Classes of Original Notes: the Class M-1A, Class M-1B, Class M-2A and Class M-2B Notes. The Class M-2A and Class M-2B Notes will be modifiable and combinable with certain of the MACR Notes, and vice versa, as described in Table 2. In addition, certain Classes of MACR Notes will be further exchangeable for other Classes of MACR Notes as described in Table 2. On the Closing Date, the Class M-2A and Class M-2B Notes will be deemed to have been exchanged, in whole or in part, as applicable, for the Class M-2 Notes.

The Original Notes will be issued pursuant to the Indenture. Under the Indenture, the Indenture Trustee will act as the Exchange Administrator for the Exchangeable Notes and MACR Notes, paying agent, Note Registrar and authenticating agent of the Notes. The Custodian will act as the custodian of the Custodian Account. See “*The Agreements*”.

The Notes will be obligations (or interests in such obligations) of the Trust. Payments of principal and interest on the Notes will be subject to the performance of the Reference Obligations. The proceeds from the issuance of the Notes will comprise a part of the Trust Assets. The Trust Assets will be used to pay the obligations of the Trust, including paying the Return Amounts, if any, due to us on any Payment Date, prior to paying any principal and interest on the Notes on such Payment Date. The transaction is structured to furnish credit protection to us, with respect to Reference Obligations which experience losses relating to Credit Events and Modification Events. The Class Principal Balances of the Notes may be written down, as applicable, as a result of Credit Events and Modification Events on the Reference Obligations and the actual losses we experience with respect thereto. In addition, the Interest Accrual Amounts payable to the Notes will be subject to reduction to the extent that the Reference Obligations experience losses as a result of Modification Events. See “— *Hypothetical Structure and Calculations with Respect to the Reference Tranches — Allocation of Tranche Write-down Amounts*” and “— *Allocation of Modification Loss Amount*” below.

The principal balance of the Notes will amortize based on the collections of principal payments on the Reference Obligations. Unlike securities in a senior/subordinate private label residential mortgage-backed securitization, the principal payments required to be paid on the Original Notes will be based in part on principal payments that are collected by us on the Reference Obligations, rather than on scheduled payments due on the Reference Obligations, as described under “— *Hypothetical Structure and Calculations with Respect to the Reference Tranches — Allocation of Senior Reduction Amount and Subordinate Reduction Amount*” below. In other words, to the extent that a delinquent mortgagor misses a payment (or makes only a partial scheduled payment) on a Reference Obligation, the Trust will not make principal payments on the Original Notes based on the amount that was due on such Reference Obligation, but, rather, it will only make principal payments on the Original Notes based in part on the principal collected on such Reference Obligation. Additionally, the Notes will receive Stated Principal only upon the satisfaction of the Minimum Credit Enhancement Test, the Cumulative Net Loss Test and the Delinquency Test for the related Payment Date, as described under “— *Hypothetical Structure and Calculations with Respect to the Reference Tranches — Allocation of Senior Reduction Amount and Subordinate Reduction Amount*” below. You should make your own determination as to the effect of these characteristics of the Notes.

Except for payments from the IO Q-REMIC Interest, the actual cash flow from the Reference Obligations will never be paid to Noteholders. The Trust will make required payments to the Notes only from the Trust Assets and only after making the payments required to be paid by the Trust to us under the Collateral Administration Agreement.

## **Form, Registration and Transfer of the Notes**

### ***Form of Notes***

The Notes will be issued as Book-Entry Notes. Original Notes will be deposited with (i) the Indenture Trustee as a custodian for, and registered in the name of Cede & Co., as the nominee of, DTC, or (ii) the Indenture Trustee as a Common Depositary, and registered in the name of such Common Depositary or a nominee of such Common Depositary. In the case of an exchange of an Exchangeable Note and a MACR Note, the Exchange Administrator will direct the Indenture Trustee to facilitate such exchange with DTC. The Original Notes will be issued and maintained in minimum denominations of \$10,000 and additional increments of \$1 in excess thereof. The Notes are not intended to be and should not be directly or indirectly held or beneficially owned in amounts lower than such minimum denominations. A single Note of each Class may be issued in an amount different (but not less) than the minimum denomination described above.

### ***Title***

As used in the Indenture, the “Holder” of a Note is the person in whose name such Note is registered in the Note Register. Unless and until Definitive Notes are issued, it is anticipated that the only Holder will be Cede & Co., as nominee of DTC. Beneficial interests in a Note will be represented, and transfers thereof will be effected, only through book-entry accounts of financial institutions acting on behalf of the Beneficial Owners of such Note, as a direct or indirect participant in the applicable clearing system for such Note. Beneficial Owners will not be Holders as that term is used in the Indenture. Beneficial Owners are only permitted to exercise their rights indirectly through participants, indirect participants, Clearstream, Euroclear and DTC. The Indenture Trustee or another designated institution will act as the custodian of the Book-Entry Notes on DTC and as the common depositary for Book Entry Notes that clear and settle through Euroclear or Clearstream.

The Trust, the Indenture Trustee, the Exchange Administrator, the Note Registrar and any agent of any of them may treat the Holders as the absolute owners of Notes for the purpose of making payments and for all other purposes, whether or not such Notes are overdue and notwithstanding any notice to the contrary. Owners of beneficial interests in a Note will not be considered by the Indenture Trustee, the Exchange Administrator or the Note Registrar as the owner or Holder of such Note and, except as described in “— *Issuance of Definitive Notes*” below, will not be entitled to have such Notes registered in their names and will not receive or be entitled to receive Definitive Notes. Any Beneficial Owner will rely on the procedures of the applicable clearing system and, if such Beneficial Owner is not a participant therein, on the procedures of the participant through which such Beneficial Owner holds its interest, to exercise any rights of a Holder of such Notes.

Whenever notice or other communication to Holders is required under the Indenture, unless and until Definitive Notes are issued as described in “— *Registration of Transfer and Exchange of Notes — Issuance of Definitive Notes*” below, the Indenture Trustee will give all such notices and communications to DTC for distribution to the related Beneficial Owners in satisfaction of such requirement.

### ***Registration of Transfer and Exchange of Notes***

Under the Indenture, the Trust will appoint the Indenture Trustee as the Note Registrar for the purpose of registering Notes and transfers and exchanges of Notes in the Note Register (other than exchanges of Exchangeable Notes for MACR Notes and vice versa, which will be administered by the Exchange Administrator). Subject to such reasonable rules and regulations as the Indenture Trustee may prescribe, the Note Register will be amended from time to time by the Indenture Trustee or its agent to reflect notice of any changes received by the Indenture Trustee or its agent. The Note Registrar may at any time resign by giving at least 30 days’ advance written notice of resignation to the Sponsor and Indenture Trustee. The Indenture Trustee may at any time remove the Note Registrar by giving written notice of such removal to such Note Registrar. Upon receiving a notice of resignation or upon such a removal, the Indenture Trustee may appoint a bank or trust company to act as successor note registrar, will give written notice of such appointment to the Sponsor and will mail notice of such appointment to all Holders of Notes. Any successor note registrar upon acceptance of its appointment hereunder will become vested with all the rights, powers, duties and responsibilities of its predecessor hereunder, with like effect as if originally named as Note Registrar. The Note Registrar may appoint, by a written instrument delivered to the Holders and the Indenture Trustee, any bank or trust company to act as

co-registrar under such conditions as the Note Registrar may prescribe. Upon notification by the Exchange Administrator, the Indenture Trustee will indicate to DTC any exchanges of Exchangeable Notes for MACR Notes (and vice versa).

A Note Owner's ownership of a Book-Entry Note will be recorded on the records of the Financial Intermediary that maintains the Note Owner's account for such purpose. In turn, the Financial Intermediary's ownership of such Book-Entry Note will be recorded on the records of DTC (or of a participating firm that acts as agent for the Financial Intermediary, whose interest will in turn be recorded on the records of DTC, if the Note Owner's Financial Intermediary is not a participant but rather an indirect participant), and on the records of Clearstream or Euroclear, and their respective participants or indirect participants, as applicable.

Note Owners will receive all payments of principal and interest on the Book-Entry Notes from the Indenture Trustee through DTC (and Clearstream or Euroclear, as applicable) and participants. While the Book-Entry Notes are outstanding (except under the circumstances described below), under the Rules, DTC is required to make book-entry transfers among participants on whose behalf it acts with respect to the Book-Entry Notes and is required to receive and transmit payments of principal of, and interest on, the Book-Entry Notes. Participants and indirect participants with whom Note Owners have accounts with respect to Book-Entry Notes are similarly required to make book-entry transfers and receive and transmit such payments on behalf of their respective Note Owners. Accordingly, although Note Owners will not possess certificates representing their respective interests in the Book-Entry Notes, the Rules provide a mechanism by which a Note Owner will receive payments and will be able to transfer its interest. It is expected that payments by participants and indirect participants to Note Owners will be governed by such standing instructions and customary practices. However, payments of principal and interest in respect of such Book-Entry Notes will be the responsibility of the applicable participants and indirect participants and will not be the responsibility of DTC (or Clearstream or Euroclear, as applicable), the Trust or the Indenture Trustee once paid or transmitted by them.

As indicated above, Note Owners will not receive or be entitled to receive certificates representing their respective interests in the Book-Entry Notes, except under the limited circumstances described below. Unless and until Definitive Notes are issued, Note Owners who are not participants may transfer ownership of Book-Entry Notes only through participants and indirect participants by instructing such participants and indirect participants to transfer Book-Entry Notes, by book-entry transfer, through DTC (or Clearstream or Euroclear, as applicable), for the account of the purchasing Note Owner of such Book-Entry Notes, which account is maintained with their respective participants and indirect participants. Under the Rules, transfers of ownership of Book-Entry Notes will be executed through DTC and the accounts of the respective participants at DTC will be debited and credited. Similarly, the participants and indirect participants will make debits or credits, as the case may be, on their records on behalf of the selling and purchasing Note Owners.

The laws of some states require that certain persons take physical delivery of securities in definitive certificated form. Consequently, this may limit a Note Owner's ability to transfer its interests in a Book-Entry Note to such persons. Because DTC can only act on behalf of its participants, the ability of a Note Owner to pledge its interests in a Book-Entry Note to persons or entities that are not DTC participants, or otherwise take actions in respect of such interests, may be limited by the lack of a definitive certificate for such interest. In addition, issuance of the Book-Entry Notes in book-entry form may reduce the liquidity of such Notes in the secondary market because certain prospective investors may be unwilling to purchase Notes for which they cannot obtain a physical certificate.

Because of time zone differences, credits of securities received in Clearstream or Euroclear as a result of a transaction with a participant will be made during subsequent securities settlement processing and dated as of the next business day for Clearstream and Euroclear following the DTC settlement date. Such credits or any transactions in such securities settled during such processing will be reported to the relevant Euroclear or Clearstream participants on such business day. Cash received in Clearstream or Euroclear as a result of sales of securities by or through a Clearstream participant or Euroclear participant to a DTC participant will be received with value on the DTC settlement date but will be available in the relevant Clearstream or Euroclear cash account only as of the next business day for Clearstream and Euroclear following settlement in DTC.

Subject to compliance with the transfer restrictions applicable to the Book-Entry Notes set forth above, transfers between participants will occur in accordance with the Rules. Transfers between Clearstream

participants and Euroclear participants will occur in accordance with their respective rules and operating procedures.

DTC performs services for its participants, some of which (or their representatives) own DTC. In accordance with its normal procedures, DTC is expected to record the positions held by each DTC participant in the Book-Entry Notes, whether held for its own account or as a nominee for another person. In general, beneficial ownership of Book-Entry Notes will be subject to the Rules, as in effect from time to time. Note Owners will not receive written confirmation from DTC of their purchase, but each Note Owner is expected to receive written confirmations providing details of the transaction, as well as periodic statements of its holdings, from the DTC participant through which the Note Owner entered into the transaction.

Clearstream is registered as a bank in Luxembourg, and as such is subject to supervision by the Luxembourg Financial Sector Supervisory Commission, which supervises Luxembourg banks.

Clearstream holds securities for Clearstream participants and facilitates the clearance and settlement of securities transactions by electronic book-entry transfers between their accounts. Clearstream provides various services, including safekeeping, administration, clearance and settlement of internationally traded securities and securities lending and borrowing. Clearstream also deals with domestic securities markets in several countries through established depositary and custodial relationships. Clearstream has established an electronic bridge with Euroclear Banks S.A./N.V. as the Euroclear Operator in Brussels to facilitate settlement of trades between systems.

Clearstream's customers are world-wide financial institutions including underwriters, securities brokers and dealers, banks, trust companies and clearing corporations. Clearstream's United States customers are limited to securities brokers and dealers and banks. Currently, Clearstream offers settlement and custody services to more than two thousand five hundred (2,500) customers world-wide, covering three hundred thousand (300,000) domestic and internationally traded bonds and equities. Clearstream offers one of the most comprehensive international securities services available, settling more than two hundred fifty thousand (250,000) transactions daily. Indirect access to Clearstream is available to other institutions which clear through or maintain custodial relationship with an account holder of Clearstream.

Euroclear was created in 1968 to hold securities for Euroclear participants and to clear and settle transactions between Euroclear participants through simultaneous electronic book-entry delivery against payment, thereby eliminating the need for physical movement of certificates and any risk from lack of simultaneous transfers of securities and cash. Transactions may be settled in a variety of currencies, including United States dollars. Euroclear includes various other services, including securities lending and borrowing and interfaces with domestic markets in several countries generally similar to the arrangements for cross-market transfers with DTC described above. Euroclear is operated by Euroclear Bank S.A./N.V. All operations are conducted by the Euroclear Operator, and all Euroclear securities clearance accounts and Euroclear cash accounts are accounts with Euroclear Operator. Euroclear plc establishes policy for Euroclear on behalf of Euroclear participants. Euroclear participants include banks (including central banks), securities brokers and dealers and other professional financial intermediaries. Indirect access to Euroclear is also available to other firms that clear through or maintain a custodial relationship with a Euroclear participant, either directly or indirectly.

Securities clearance accounts and cash accounts with the Euroclear Operator are governed by the Terms and Conditions. The Terms and Conditions govern transfers of securities and cash within Euroclear, withdrawals of securities and cash from Euroclear, and receipts of payments with respect to securities in Euroclear. All securities in Euroclear are held on a fungible basis without attribution of specific certificates to specific securities clearance accounts. The Euroclear Operator acts under the Terms and Conditions only on behalf of Euroclear participants, and has no record of or relationship with persons holding through Euroclear participants.

Payments on the Book-Entry Notes will be made on each Payment Date by the Indenture Trustee to Cede & Co., as nominee of DTC. DTC will be responsible for crediting the amount of such payments to the accounts of the applicable DTC participants in accordance with DTC's normal procedures. Each DTC participant will be responsible for disbursing such payments to the Note Owners of the Book-Entry Notes that it represents and to each Financial Intermediary for which it acts as agent. Each such Financial Intermediary will be responsible for disbursing funds to the Note Owners of the Book-Entry Notes that it represents.



Under a book-entry format, Note Owners may experience some delay in their receipt of payments, since such payments will be forwarded by the Indenture Trustee to Cede & Co. Payments with respect to Notes held through Clearstream or Euroclear will be credited to the cash accounts of Clearstream participants or Euroclear participants in accordance with the relevant system's rules and procedures, to the extent received by the Common Depositary. Such payments will be subject to tax reporting in accordance with relevant United States tax laws and regulations. See "*Certain United States Federal Income Tax Consequences — Reporting and Administrative Matters*".

DTC has advised that unless and until Definitive Notes are issued or modified, DTC will take any action the Holders of the Book-Entry Notes are permitted to take under the Indenture only at the direction of one or more Financial Intermediaries to whose DTC accounts the Book-Entry Notes are credited, to the extent that such actions are taken on behalf of Financial Intermediaries whose holdings include such Book-Entry Notes. Clearstream or the Euroclear Operator, as the case may be, will take any other action permitted to be taken by a Noteholder under the Indenture on behalf of a Clearstream participant or Euroclear participant only in accordance with its relevant rules and procedures and subject to the ability of the Common Depositary to effect such actions on its behalf through DTC. DTC may take actions, at the direction of the related participants, with respect to some Book-Entry Notes which conflict with actions taken with respect to other Book-Entry Notes.

Although DTC, Clearstream and Euroclear have agreed to the foregoing procedures in order to facilitate transfers of Book-Entry Notes among DTC participants, Clearstream and Euroclear, they are under no obligation to perform or continue to perform such procedures and such procedures may be discontinued or modified at any time.

None of us, the Indenture Trustee or the Exchange Administrator will have any responsibility for the performance by any system or their respective participants or indirect participants or Financial Intermediaries of their respective obligations under the rules and procedures governing their operations. In addition, none of us, the Indenture Trustee or the Exchange Administrator will have any responsibility for any aspect of the records relating to and payments made on account of beneficial ownership of the Book-Entry Notes held by Cede & Co., as nominee of DTC, or for maintaining, supervising or reviewing any records relating to such beneficial ownership interests. In the event of the insolvency of DTC, a participant or an indirect participant of DTC in whose name Book-Entry Notes are registered, the ability of the Note Owners of such Book-Entry Notes to obtain timely payment and, if the limits of applicable insurance coverage by the Securities Investor Protection Corporation are exceeded or if such coverage is otherwise unavailable, ultimate payment, of amounts distributable with respect to such Book-Entry Notes may be impaired.

*Successors to DTC.* In the event that DTC is no longer willing or able to discharge properly its responsibilities as nominee and depositary with respect to the Notes and the Administrator, on behalf of the Indenture Trustee is unable to locate a qualified successor in accordance with the Indenture, the Notes will no longer be restricted to being registered in the Note Register in the name of Cede & Co. (or a successor nominee) as nominee of DTC. At that time, the Indenture Trustee may be directed to register the Notes in the name of and deposited with a successor depositary operating a global book-entry system, as may be acceptable to the Trust, or such depositary's agent or designee but, if the Administrator does not select such alternative global book-entry system, then upon surrender to the Note Registrar of the Notes by DTC, accompanied by the registration instructions from DTC for registration, the Indenture Trustee will authenticate Definitive Notes in accordance "*— Issuance of Definitive Notes*" below. Neither the Trust nor the Indenture Trustee will be liable for any delay in DTC's delivery of such instructions and may conclusively rely on, and will be protected in relying on, such instructions. Upon the issuance of Definitive Notes, the Indenture Trustee, the Note Registrar and the Trust will recognize the holders of the Definitive Notes as Holders under the Indenture. Any portion of an interest in such a Book-Entry Note transferred or exchanged will be executed, authenticated and delivered only in the required minimum denomination as set forth herein. A Definitive Note delivered in exchange for an interest in such a Book-Entry Note will bear the applicable legend set forth in the applicable exhibits to the Indenture and will be subject to the transfer restrictions referred to in such applicable legends and any additional transfer restrictions as may from time to time be adopted by us and the Indenture Trustee.

*Letter of Representations.* So long as any Notes are registered in the name of Cede & Co., as nominee of DTC, all payments of principal and interest on such Notes and all notices with respect to such Notes will be made and given, respectively, in the manner provided in the Letter of Representations.

*Surrender for Registration of Transfer.* Subject to the preceding paragraphs, upon surrender for registration of transfer of any Note at the office of the Note Registrar and, upon satisfaction of the conditions set forth below, the Trust will execute and the Indenture Trustee will authenticate and deliver, in the name of the designated transferee or transferees, a new Note of the same aggregate percentage interest and dated the date of authentication by the Indenture Trustee. The Note Registrar will maintain a record of any such transfer and deliver it to the Trust upon request.

*Clearance and Settlement Procedures.* Notes distributed solely within the United States will clear and settle through the DTC System and Notes distributed solely outside of the United States will clear and settle through the systems operated by Euroclear, Clearstream and/or any other designated clearing system or, in certain cases, DTC. Neither the Indenture Trustee nor the Exchange Administrator will bear responsibility, in connection with the Notes, for the performance by any system or the performance of the system's respective direct or indirect participants or accountholders of the respective obligations of such participants or accountholders under the rules and procedures governing such system's operations.

*Issuance of Definitive Notes.* Beneficial interests in Notes issued in global form will be subject to exchange for Definitive Notes only if such exchange is permitted by applicable law and (i) in the case of a DTC Note, DTC advises the Indenture Trustee in writing that DTC is no longer willing, qualified or able to discharge properly its responsibilities as nominee and depository with respect to the DTC Notes and the Administrator is unable to locate a successor; (ii) in the case of a particular DTC Note or Common Depositary Note, if all of the systems through which it is cleared or settled are closed for business for a continuous period of 14 days (other than by reason of holidays, statutory or otherwise) or are permanently closed for business or have announced an intention to permanently cease business and in any such situations the Sponsor is unable to locate a single successor within 90 days of such closure; or (iii) after the occurrence of an Indenture Event of Default, Holders of a majority of the aggregate outstanding Class Principal Balance of the Original Notes (without giving effect to exchanges) evidenced by the DTC Notes and Common Depositary Notes advise the Indenture Trustee and DTC through the Financial Intermediaries and the DTC participants in writing that the continuation of a book-entry system through DTC (or successor thereto) is no longer in the best interests of such Holders. In such circumstances, the Indenture Trustee will cause sufficient Definitive Notes to be executed, authenticated and delivered to the relevant registered holders of such Definitive Notes. A person having an interest in a DTC Note or Common Depositary Note issued in global form will provide the Indenture Trustee with a written order containing instructions and such other information as the Indenture Trustee may require to complete, execute and deliver such Definitive Notes in authorized denominations. In the event that definitive Notes are issued in exchange for Notes issued in global form, such Definitive Notes will have terms identical to the Notes for which they were exchanged except as described in the Indenture.

#### ***Transfer and Exchange of Definitive Notes***

Definitive Notes may be presented for registration of transfer or exchange (with the form of transfer included thereon properly endorsed, or accompanied by a written instrument of transfer, with such evidence of due authorization and guaranty of signature as may be required by the Indenture Trustee, duly executed) at the office of the Note Registrar or any other transfer agent upon payment of any taxes and other governmental charges and other amounts, but without payment of any service charge to the Note Registrar or such transfer agent for such transfer or exchange. A transfer or exchange will not be effective unless, and until, recorded in the Note Register.

A transfer or exchange of a Definitive Note will be effected upon satisfying the Indenture Trustee with regard to the documents and identity of the person making the request and subject to such reasonable regulations as we may from time to time agree with the Indenture Trustee. Such documents may include forms prescribed by U.S. tax authorities to establish the applicability of, or the exemption from, withholding or other taxes regarding the transferee Holder. Definitive Notes may be transferred or exchanged in whole or in part only in the authorized denominations of the DTC Notes or Common Depositary Notes issued in global form for which they were exchanged. In the case of a transfer of a Definitive Note in part, a new Note in respect of the balance not transferred will be issued to the transferor. In addition, replacement of mutilated, destroyed, stolen or lost Definitive Notes also is subject to the conditions discussed above with respect to transfers and exchanges generally. Each new Definitive Note to be issued upon transfer of such a Definitive Note, as well as the

Definitive Note issued in respect of the balance not transferred, will be mailed to such address as may be specified in the form or instrument of transfer at the risk of the Holder entitled thereto in accordance with the customary procedures of the Indenture Trustee.

The Indenture Trustee will replace any Definitive Note that becomes mutilated, destroyed, stolen or lost will be replaced at the expense of the Holder upon delivery to the Indenture Trustee of evidence of the destruction, theft or loss thereof, and an indemnity satisfactory to the Indenture Trustee. Upon the issuance of any substituted Definitive Note, the Indenture Trustee may require the payment by the Holder of a sum sufficient to cover any taxes and expenses connected therewith.

No transfer, sale, pledge or other disposition of any Note will be made unless such disposition is exempt from the registration requirements of the Securities Act, and any applicable state securities laws or is made in accordance with the Securities Act and laws. The Holder of a Note desiring to transfer a Note will indemnify the Indenture Trustee and the Sponsor against any liability that may result if the transfer is not so exempt or is not made in accordance with such federal and state laws. The Sponsor will provide to any Holder of a Note and any prospective transferees designated by any such Holder, information regarding the related Notes and the Reference Pool and such other information as is necessary to satisfy the condition to eligibility set forth in Rule 144A(d)(4) for transfer of any such Note without registration thereof under the Securities Act pursuant to the registration exemption provided by Rule 144A. Any transferee of a Note will be deemed to represent that it is either (i) a qualified institutional buyer or (ii) not a “U.S. person” and acquired the Note in an “offshore transaction,” as such terms are defined in, and in accordance with, Regulation S under the Securities Act. By acceptance of a Note, whether upon original issuance or subsequent transfer, each Holder of such a Note acknowledges the restrictions on the transfer of such Note set forth thereon and agrees that it will transfer such a Note only as provided herein. See “*Risk Factors — General Risks — The Liquidity of the Notes May Be Limited*”, “*Certain United States Federal Income Tax Consequences*” and “*Certain ERISA Considerations*”.

#### **Payment Procedures; Withholding Requirements**

*General Payment Procedures.* All payments with respect to the Notes will be made in U.S. dollars and will be subject to any applicable law or regulation. If a payment outside the United States is illegal or effectively precluded by exchange controls or similar restrictions, payments in respect of the related Definitive Notes may be made at the office of the Indenture Trustee in the United States. Any payment made on a Class of Notes on any Payment Date will be made to the Holders of record of such Class of Notes as of the related Record Date. All determinations of interest will be made by the Indenture Trustee and such determinations will, in the absence of manifest error, be conclusive for all purposes and binding on the Holders of the Notes. All percentages resulting from any calculation on the Notes will be rounded to the nearest one hundred-thousandth of a percentage point, five millionths of a percentage point rounded up and all dollar amounts used in or resulting from that calculation on the Note will be rounded to the nearest cent (with one-half cent being rounded up).

The Indenture Trustee will provide all calculations required by and as set forth in the Indenture. The determination by the Indenture Trustee of the interest rate on the Notes and the determination of any payment on any Note (or any interim calculation in the determination of any such interest rate, index or payment) will, absent manifest error, be final and binding on all parties. If a principal or interest payment error occurs, the Indenture Trustee may correct it by adjusting payments to be made on later Payment Dates or in any other manner the Indenture Trustee considers appropriate. If the source of the SOFR Rate changes in format, but the Administrator determines that the source continues to disclose the information necessary to determine the related Class Coupon substantially as required, the Administrator will direct the Indenture Trustee to amend the procedure for obtaining information from that source to reflect the changed format. All SOFR Rate values used to determine interest payments are subject to correction within 30 days from the applicable payment. The source of a corrected value must be the same source from which the original value was obtained. A correction might result in an adjustment on a later date to the amount paid to the Holder.

*Payments on Book-Entry Notes.* Payments in respect of Book-Entry Notes will be made in immediately available funds to DTC, Euroclear, Clearstream or any other applicable clearing system, or their respective nominees, as the case may be, as the Holders thereof. All payments to or upon the order of the Holder of a Note will be valid and effective to discharge the liability of the Trust in respect of an Original Note or a MACR Note

representing an interest in Exchangeable Notes. Ownership positions within each system referenced herein will be determined in accordance with the normal conventions observed by such system. The Indenture Trustee, the Exchange Administrator and the Note Registrar will not have any responsibility or liability for any aspect of the records relating to or payments made on account of beneficial ownership interests in a Book-Entry Note or for maintaining, supervising or reviewing any records relating to such beneficial ownership interests. Ownership of any Notes will be as indicated in the Note Register maintained by the Note Registrar.

*Payments on Definitive Notes.* Payments of principal and interest on a Definitive Note will be made by wire transfer of immediately available funds with a bank designated by the applicable Holder that is acceptable to the Indenture Trustee; and such transfer is permitted by any applicable law or regulation and will not subject the Indenture Trustee to any liability, requirement or unacceptable charge. In order for a Holder of Definitive Notes to receive payments, the Indenture Trustee must receive at their offices from such Holder (i) in the case of payments on a Payment Date, a written request not later than the close of business on the related Record Date and (ii) in the case of the final principal payment on the Maturity Date, the related Definitive Note not later than two Business Days prior to such Payment Date. Such written request and Definitive Note, if applicable, must be delivered to the Indenture Trustee, by mail, by hand delivery or by any other method acceptable to the Indenture Trustee. Any such request will remain in effect until the Indenture Trustee receives written notice to the contrary.

*Withholding Requirements.* In the event that any jurisdiction imposes any withholding or other tax on any payment made by the Indenture Trustee (or its agent, the Exchange Administrator, or any other person potentially required to withhold) with respect to a Note, the Indenture Trustee (or its agent, the Exchange Administrator, or such other person) will deduct the amount required to be withheld from such payment, and the Indenture Trustee (or its agent, the Exchange Administrator, or such other person) will not be required to increase any payment of interest or other amounts, or cause the Notes to be redeemed or repaid, as a result. See “*Certain United States Federal Income Tax Consequences*”.

### **Priority of Payments**

On each Payment Date, the Indenture Trustee will apply the funds on deposit in the Distribution Account first, to the payment of the Return Amount due and payable by the Trust, if any, to us under the Collateral Administration Agreement and second, to the payment of interest and principal on the Notes as described under “— *Interest*” and “— *Principal*” below. See “*The Agreements — The Indenture — Payment Date Statement*” for more information.

### **Scheduled Maturity Date and Early Redemption Date**

The Scheduled Maturity Date for the Notes will be the Payment Date in May 2043. With respect to the Scheduled Maturity Date or the Early Redemption Date, the Indenture Trustee will (a) notify the Investment Manager and the Investment Manager will arrange for the liquidation of the Eligible Investments in the Custodian Account and the Custodian will deposit the proceeds thereof in the Custodian Account, (b) instruct the Custodian to deposit all funds held in the Custodian Account due and payable into the Distribution Account and (c) demand payment of any amounts due from us under the Collateral Administration Agreement and the Capital Contribution Agreement.

The Notes will be subject to redemption prior to the Scheduled Maturity Date on the Early Redemption Date, if any. The Early Redemption Date will be concurrent with the Early Termination Date. See “*The Agreements — The Indenture — Termination Date, Scheduled Termination Date and Early Termination Date*”. We will give notice to the Trust and the Indenture Trustee of our election, if applicable, to designate an Early Termination Date upon the occurrence of an Optional Termination Event or the occurrence of an event described in clause (vi) of the definition of “Early Termination Date” in the “*Glossary of Significant Terms*”, as applicable. The Indenture Trustee will give notice to us of the election to designate an Early Termination Date, if applicable, as a result of a Freddie Mac Default or the occurrence of an event described in clause (vi) of the definition of “Early Termination Date” in the “*Glossary of Significant Terms*”, as applicable. The Indenture Trustee will give notice of the Early Redemption Date with respect to any Class of Notes to the Custodian, Investment Manager, DTC and each Clearance System for communication by them to entitled Holders not less than five days prior to such Early Redemption Date. The Indenture Trustee will also give notice of an Early Redemption Date with

respect to any Class of Definitive Notes, by first class mail, postage prepaid, mailed not less than five days nor more than 30 days prior to such Early Redemption Date to each Holder of Notes to be redeemed, at such Holder's address in the Note Register, with a copy (mailed at the same time as notice is mailed to the Holders) to each Rating Agency. Notice of redemption will be given by the Indenture Trustee at the direction of, in the name of, and at the expense of the Trust, which Expense will be paid by us under the Administration Agreement. Failure to give notice of redemption, or any defect therein, to any Holder of any Note selected for redemption will not impair or affect the validity of the redemption of any other Notes.

Notice of redemption having been given as provided above, the Notes will, on the Early Redemption Date, become due and payable, and from and after the Early Redemption Date (unless an Indenture Event of Default with respect to the payment of the Notes and accrued interest) such Notes will cease to bear interest. Upon final payment on a Note, the Holder will be required to present and surrender such Note at the place specified in the notice of redemption on or prior to such Early Redemption Date. Installments of interest on Notes of a Class will be payable to the Holders of such Notes, or one or more predecessor Notes, registered as such at the close of business on the relevant Record Date according to the terms and provisions of the Indenture.

The Trust will be required on the Scheduled Maturity Date or Early Redemption Date, as the case may be, to apply any monies on deposit in the Distribution Account as described in “— *Interest*” and “— *Principal*” below or as described in “*The Agreements — The Indenture — Indenture Events of Default — Application of Proceeds*”.

## **Interest**

### ***Class Coupon***

Each Class of Notes will bear interest, and solely for purposes of calculating allocations of any Modification Gain Amounts or Modification Loss Amounts, the Class B-1H and Class B-2H Reference Tranches will be deemed to bear interest, calculated pursuant to the applicable Class Coupon formula shown in Table 1 (including, in the case of the Interest Only MACR Notes, at the initial Class Coupon shown in Table 1, subject to any adjustment as described in footnote 7 thereto). The Class Coupon for each Class of Notes is subject to any applicable Class Coupon Minimum Rate shown in Table 1. The initial Class Coupons that will apply to the first Accrual Period are also shown in Table 1. The Indenture Trustee will calculate the Class Coupon for the Notes, the Class B-1H Reference Tranche and the Class B-2H Reference Tranche for each Accrual Period (after the first Accrual Period) on the related SOFR Adjustment Date. The Indenture Trustee will determine the SOFR Rate using the method described in the definition of “SOFR Rate” in “*Glossary of Significant Terms*”. For the first Accrual Period, the SOFR Rate is 4.92280%. The Class Coupons of Notes with Class Coupons based on SOFR for each Accrual Period (after the first Accrual Period) are based on the SOFR Rate published on the related SOFR Adjustment Date. If a Benchmark Transition Event and its related Benchmark Replacement Date have occurred, the Administrator will determine an alternative index in accordance with the Benchmark Replacement provisions described under “— *Benchmark Replacement Provisions*”. See “*Risk Factors — Risks Related to Certain Characteristics of the Notes — Risks Related to the Index*”. In the event that the Benchmark is not available on the applicable date of determination, then unless the Indenture Trustee is notified of a Benchmark Replacement in accordance with the Indenture within one (1) Business Day, the Indenture Trustee will use the Benchmark from the preceding Business Day, or from the most recent Business Day on which the Benchmark is available.

### ***Interest Payment***

On each Payment Date through and including the Maturity Date, the Trust will use funds on deposit in the Distribution Account first, to pay the Return Amount, if any, due and payable to us, and second, to pay the applicable Interest Payment Amount on each outstanding Class of Notes. Interest will be calculated and payable on the basis of the actual number of days in the related Accrual Period and a 360-day year. Interest will be payable in arrears.



## **Benchmark Replacement Provisions**

### ***Effect of Benchmark Transition Event***

**Benchmark Replacement.** If Freddie Mac determines prior to the relevant Reference Time that a Benchmark Transition Event and its related Benchmark Replacement Date have occurred with respect to the then-current Benchmark, the Benchmark Replacement will replace the then-current Benchmark for all purposes relating to the Notes with Class Coupons based on SOFR in respect of all determinations on such date and for all determinations on all subsequent dates.

**Benchmark Replacement Conforming Changes.** In connection with the implementation of a Benchmark Replacement, Freddie Mac will have the right to make Benchmark Replacement Conforming Changes from time to time.

**Decisions and Determinations.** Any determination, decision or election that may be made by Freddie Mac pursuant to this Section titled “*Effect of Benchmark Transition Event*,” including any determination with respect to administrative feasibility (whether due to technical, administrative or operational issues), a tenor, a rate, an adjustment or the occurrence or non-occurrence of an event, circumstance or date and any decision to take or refrain from taking any action or any selection, will be conclusive and binding absent manifest error, may be made in Freddie Mac’s sole discretion, and, notwithstanding anything to the contrary in the documentation relating to the Notes with Class Coupons based on SOFR, will become effective without consent from any other party.

## **Principal**

On the Maturity Date the Trust will pay 100% of the Class Principal Balance as of such date for each Class of Original Notes outstanding (without regard to any exchanges of Exchangeable Notes for MACR Notes). On all other Payment Dates, the Trust will pay principal on each Class of Original Notes (in each case without regard to any exchanges of Exchangeable Notes for MACR Notes) in an amount equal to the portion of the Senior Reduction Amount, Subordinate Reduction Amount and/or Supplemental Subordinate Reduction Amount, as applicable, allocated to the Corresponding Class of Reference Tranche on such Payment Date pursuant to the terms of the hypothetical structure described under “— *Hypothetical Structure and Calculations with Respect to the Reference Tranches — Allocation of Senior Reduction Amount and Subordinate Reduction Amount*” and “— *Allocation of Supplemental Subordinate Reduction Amount and Supplemental Senior Increase Amount*” below.

If on any Payment Date a Class of MACR Notes that is entitled to principal is outstanding, all principal amounts that are payable by the Trust on Exchangeable Notes that were exchanged for such MACR Notes (or any MACR Notes further exchanged for such MACR Notes pursuant to an applicable Combination) will be allocated to and payable on such MACR Notes in accordance with the exchange proportions applicable to the related Combination.

## **Reductions in Class Principal Balances of the Notes Due to Allocation of Tranche Write-down Amounts**

On each Payment Date on or prior to the Maturity Date, the Class Principal Balance of each Class of Original Notes will be reduced (in each case without regard to any exchanges of Exchangeable Notes for MACR Notes) without any corresponding payment of principal, by the amount of the reduction, if any, in the Class Notional Amount of the Corresponding Class of Reference Tranche due to the allocation of the Tranche Write-down Amount to such Class of Reference Tranche on such Payment Date pursuant to the terms of the hypothetical structure described under “— *Hypothetical Structure and Calculations with Respect to the Reference Tranches*” below.

On each Payment Date that a Class of MACR Notes is outstanding, all Tranche Write-down Amounts that are allocable to Exchangeable Notes that were exchanged for such MACR Notes will be allocated to reduce the Class Principal Balances or Notional Principal Amounts, as applicable, of such MACR Notes (or any MACR Notes further exchanged for such MACR Notes pursuant to an applicable Combination) in accordance with the exchange proportions applicable to the related Combination.

### **Increases in Class Principal Balances of the Notes Due to Allocation of Tranche Write-up Amounts**

On each Payment Date on or prior to the Maturity Date, the Class Principal Balance of each Class of Original Notes will be increased (in each case without regard to any exchanges of Exchangeable Notes for MACR Notes) by the amount of the increase, if any, in the Class Notional Amount of the Corresponding Class of Reference Tranche due to the allocation of the Tranche Write-up Amount to such Class of Reference Tranche on such Payment Date pursuant to the terms of the hypothetical structure described under “— *Hypothetical Structure and Calculations with Respect to the Reference Tranches*” below.

On each Payment Date that a Class of MACR Notes is outstanding, all Tranche Write-up Amounts that are allocable to Exchangeable Notes that were exchanged for such MACR Notes will be allocated to increase the Class Principal Balances or Notional Principal Amounts, as applicable, of such MACR Notes (or any MACR Notes further exchanged for such MACR Notes pursuant to an applicable Combination) in accordance with the exchange proportions applicable to the related Combination.

### **Hypothetical Structure and Calculations with Respect to the Reference Tranches**

A hypothetical structure of Classes of Reference Tranches deemed to be backed by the Reference Pool has been established as indicated in the Transaction Diagram. The Indenture will reference this hypothetical structure to calculate, for each Payment Date, (i) Tranche Write-down Amounts (or Tranche Write-up Amounts) as a result of Credit Events or Modification Events on the Reference Obligations, which may result in reductions (or increases) in principal or notional amounts on the Notes, (ii) any reduction or increase in interest amounts on the Notes as a result of Modification Events on the Reference Obligations and (iii) principal payments to be made on the Notes by the Trust. See “*Transaction Diagram — Hypothetical Structure and Calculations with Respect to the Reference Tranches*” above.

#### ***Allocation of Tranche Write-down Amounts***

On each Payment Date on or prior to the Maturity Date, the Tranche Write-down Amount, if any, for such Payment Date, will be allocated, *first*, to reduce any Overcollateralization Amount for such Payment Date, until such Overcollateralization Amount is reduced to zero, and, *second*, to reduce the Class Notional Amount of each Class of Reference Tranche in the following order of priority, in each case until its Class Notional Amount is reduced to zero:

*first*, to the Class B-3H Reference Tranche;

*second*, to the Class B-2H Reference Tranche;

*third*, to the Class B-1H Reference Tranche;

*fourth*, to the Class M-2B and Class M-2BH Reference Tranches, *pro rata* based on their Class Notional Amounts immediately prior to such Payment Date;

*fifth*, to the Class M-2A and Class M-2AH Reference Tranches, *pro rata* based on their Class Notional Amounts immediately prior to such Payment Date;

*sixth*, to the Class M-1B and Class M-1BH Reference Tranches, *pro rata* based on their Class Notional Amounts immediately prior to such Payment Date;

*seventh*, to the Class M-1A and Class M-1AH Reference Tranches, *pro rata* based on their Class Notional Amounts immediately prior to such Payment Date; and

*eighth*, to the Class A-H Reference Tranche, but only in an amount equal to the excess, if any, of the remaining unallocated Tranche Write-down Amount for such Payment Date over the Principal Loss Amount for such Payment Date attributable to clause (d) of the definition of “Principal Loss Amount” in the “*Glossary of Significant Terms*”.

Because the Class M-1A, Class M-1B, Class M-2A and Class M-2B Notes correspond to the Class M-1A, Class M-1B, Class M-2A and Class M-2B Reference Tranches, respectively, any Tranche Write-down Amounts allocated to such Classes of Reference Tranches pursuant to the hypothetical structure will result in a

corresponding reduction in the Class Principal Balances of the corresponding Classes of Notes, as applicable (in each case without regard to any exchanges of Exchangeable Notes for MACR Notes). If Exchangeable Notes have been exchanged for MACR Notes, all Tranche Write-down Amounts that are allocable to such exchanged Exchangeable Notes will be allocated to reduce the Class Principal Balances or Notional Principal Amounts, as applicable, of such MACR Notes (or any MACR Notes further exchanged for such MACR Notes pursuant to an applicable Combination) in accordance with the exchange proportions applicable to the related Combination.

With respect to each Payment Date, the Class Notional Amount for the Class A-H Reference Tranche will be increased by the excess, if any, of the Tranche Write-down Amount for such Payment Date over the Credit Event Amount for such Payment Date.

#### ***Allocation of Tranche Write-up Amounts***

On each Payment Date on or prior to the Maturity Date, the Tranche Write-up Amount, if any, for such Payment Date will be allocated to increase the Class Notional Amount of each Class of Reference Tranche in the following order of priority until the cumulative Tranche Write-up Amounts allocated to each such Class of Reference Tranche is equal to the cumulative Tranche Write-down Amounts previously allocated to such Class of Reference Tranche on or prior to such Payment Date:

*first*, to the Class A-H Reference Tranche;

*second*, to the Class M-1A and Class M-1AH Reference Tranches, *pro rata* based on their Class Notional Amounts immediately prior to such Payment Date;

*third*, to the Class M-1B and Class M-1BH Reference Tranches, *pro rata* based on their Class Notional Amounts immediately prior to such Payment Date;

*fourth*, to the Class M-2A and Class M-2AH Reference Tranches, *pro rata* based on their Class Notional Amounts immediately prior to such Payment Date;

*fifth*, to the Class M-2B and Class M-2BH Reference Tranches, *pro rata* based on their Class Notional Amounts immediately prior to such Payment Date;

*sixth*, to the Class B-1H Reference Tranche;

*seventh*, to the Class B-2H Reference Tranche; and

*eighth*, to the Class B-3H Reference Tranche.

Because the Class M-1A, Class M-1B, Class M-2A and Class M-2B Notes correspond to the Class M-1A, Class M-1B, Class M-2A and Class M-2B Reference Tranches, respectively, any Tranche Write-up Amounts allocated to such Classes of Reference Tranches pursuant to the hypothetical structure will result in a corresponding increase in the Class Principal Balances of the corresponding Classes of Notes, as applicable (in each case without regard to any exchanges of Exchangeable Notes for MACR Notes). If Exchangeable Notes have been exchanged for MACR Notes, all Tranche Write-up Amounts that are allocable to such exchanged Exchangeable Notes will be allocated to increase the Class Principal Balances or Notional Principal Amounts, as applicable, of such MACR Notes (or any MACR Notes further exchanged for such MACR Notes pursuant to an applicable Combination) in accordance with the exchange proportions applicable to the related Combination.

The Write-up Excess will be available as overcollateralization to offset any Tranche Write-down Amounts on future Payment Dates prior to such Tranche Write-down Amounts being allocated to reduce the Class Notional Amounts of the Reference Tranches.

#### ***Allocation of Modification Loss Amount***

On each Payment Date on or prior to the Maturity Date, the Preliminary Principal Loss Amount, the Preliminary Tranche Write-down Amount, the Preliminary Tranche Write-up Amount and the Preliminary Class Notional Amount will be computed prior to the allocation of the Modification Loss Amount. The Modification

Loss Amount, if any, for such Payment Date will be allocated to the Reference Tranches in the following order of priority:

*first*, to the Class B-3H Reference Tranche, until the amount allocated to the Class B-3H Reference Tranche is equal to the Preliminary Class Notional Amount of the Class B-3H Reference Tranche for such Payment Date;

*second*, to the Class B-2H Reference Tranche, until the amount allocated to the Class B-2H Reference Tranche is equal to the Class B-2H Reference Tranche Interest Accrual Amount for such Payment Date;

*third*, to the Class B-2H Reference Tranche, until the amount allocated to the Class B-2H Reference Tranche is equal to the Preliminary Class Notional Amount of the Class B-2H Reference Tranche for such Payment Date;

*fourth*, to the Class B-1H Reference Tranche, until the amount allocated to the Class B-1H Reference Tranche is equal to the Class B-1H Reference Tranche Interest Accrual Amount for such Payment Date;

*fifth*, to the Class B-1H Reference Tranche, until the amount allocated to the Class B-1H Reference Tranche is equal to the Preliminary Class Notional Amount of the Class B-1H Reference Tranche for such Payment Date;

*sixth*, to the Class M-2B and Class M-2BH Reference Tranches, *pro rata* based on their Class Notional Amounts immediately prior to such Payment Date, until the amount allocated to the Class M-2B Reference Tranche is equal to the Class M-2B Notes Interest Accrual Amount for such Payment Date;

*seventh*, to the Class M-2A and Class M-2AH Reference Tranches, *pro rata* based on their Class Notional Amounts immediately prior to such Payment Date, until the amount allocated to the Class M-2A Reference Tranche is equal to the Class M-2A Notes Interest Accrual Amount for such Payment Date;

*eighth*, to the Class M-2B and Class M-2BH Reference Tranches, *pro rata* based on their Preliminary Class Notional Amounts for such Payment Date, until the aggregate amount allocated to the Class M-2B and Class M-2BH Reference Tranches is equal to the aggregate of the Preliminary Class Notional Amounts of the Class M-2B and Class M-2BH Reference Tranches for such Payment Date;

*ninth*, to the Class M-2A and Class M-2AH Reference Tranches, *pro rata* based on their Preliminary Class Notional Amounts for such Payment Date, until the aggregate amount allocated to the Class M-2A and Class M-2AH Reference Tranches is equal to the aggregate of the Preliminary Class Notional Amounts of the Class M-2A and Class M-2AH Reference Tranches for such Payment Date;

*tenth*, to the Class M-1B and Class M-1BH Reference Tranches, *pro rata* based on their Class Notional Amounts immediately prior to such Payment Date, until the amount allocated to the Class M-1B Reference Tranche is equal to the Class M-1B Notes Interest Accrual Amount for such Payment Date;

*eleventh*, to the Class M-1B and Class M-1BH Reference Tranches, *pro rata* based on their Preliminary Class Notional Amounts for such Payment Date, until the aggregate amount allocated to the Class M-1B and Class M-1BH Reference Tranches is equal to the aggregate of the Preliminary Class Notional Amounts of the Class M-1B and Class M-1BH Reference Tranches for such Payment Date;

*twelfth*, to the Class M-1A and Class M-1AH Reference Tranches, *pro rata* based on their Class Notional Amounts immediately prior to such Payment Date, until the amount allocated to the Class M-1A Reference Tranche is equal to the Class M-1A Notes Interest Accrual Amount for such Payment Date; and

*thirteenth*, to the Class M-1A and Class M-1AH Reference Tranches, *pro rata* based on their Preliminary Class Notional Amounts for such Payment Date, until the aggregate amount allocated to the Class M-1A and Class M-1AH Reference Tranches is equal to the aggregate of the Preliminary Class Notional Amounts of the Class M-1A and Class M-1AH Reference Tranches for such Payment Date.

For the avoidance of doubt and without duplication of the allocation of Tranche Write-down Amounts, if any, for such Payment Date, with respect to each Payment Date the Class Notional Amount for the Class A-H Reference Tranche will be increased by the sum of amounts included in the *first*, *third*, *fifth*, *eighth*, *ninth*,

*eleventh* and *thirteenth* priorities above. Any amounts allocated to the Class M-1A, Class M-1B, Class M-2A or Class M-2B Reference Tranches in the *twelfth*, *tenth*, *seventh* or *sixth* priority above on any Payment Date will result in a corresponding reduction of the Interest Payment Amount of the Class M-1A, Class M-1B, Class M-2A or Class M-2B Notes, as applicable (in each case without regard to any exchanges of Exchangeable Notes for MACR Notes) for such Payment Date. The Class B-1H and Class B-2H Reference Tranches are assigned a Class Coupon solely for the purposes of calculations in connection with the allocation of Modification Loss Amounts to the Mezzanine Reference Tranches and Junior Reference Tranches, and any such amounts allocated in the *second*, *third*, *fourth* or *fifth* priority above will not result in a corresponding reduction of the Interest Payment Amount or Class Principal Balance of any Class of Notes. With respect to any Exchangeable Notes or MACR Notes that have been exchanged for the related MACR Notes, as applicable, any Modification Loss Amount that is allocable in the *sixth* or *seventh* priority above on any Payment Date to such related exchanged Exchangeable Notes will be allocated to reduce the Interest Payment Amounts, as applicable, of the related Exchangeable Notes or MACR Notes, as applicable, for such Payment Date, *pro rata*, based on their Interest Accrual Amounts. Any amounts allocated to any of the Reference Tranches in the *first*, *third*, *fifth*, *eighth*, *ninth*, *eleventh* or *thirteenth* priority above will be included in the Principal Loss Amount for the related Payment Date.

#### ***Allocation of Modification Gain Amount***

On each Payment Date on or prior to the Maturity Date, the Preliminary Principal Loss Amount, the Preliminary Tranche Write-down Amount, the Preliminary Tranche Write-up Amount and the Preliminary Class Notional Amount will be computed prior to the allocation of the Modification Gain Amount. The Modification Gain Amount, if any, for such Payment Date will be allocated to the Reference Tranches in the following order of priority:

*first*, to the Class M-1A and Class M-1AH Reference Tranches, *pro rata* based on their Class Notional Amounts immediately prior to such Payment Date, until the amount allocated to the Class M-1A Reference Tranche is equal to the cumulative amount of unreimbursed Modification Loss Amounts allocated to reduce the Interest Payment Amount on the Class M-1A Notes on all prior Payment Dates;

*second*, to the Class M-1B and Class M-1BH Reference Tranches, *pro rata* based on their Class Notional Amounts immediately prior to such Payment Date, until the amount allocated to the Class M-1B Reference Tranche is equal to the cumulative amount of unreimbursed Modification Loss Amounts allocated to reduce the Interest Payment Amount on the Class M-1B Notes on all prior Payment Dates;

*third*, to the Class M-2A and Class M-2AH Reference Tranches, *pro rata* based on their Class Notional Amounts immediately prior to such Payment Date, until the amount allocated to the Class M-2A Reference Tranche is equal to the cumulative amount of unreimbursed Modification Loss Amounts allocated to reduce the Interest Payment Amount on the Class M-2A Notes on all prior Payment Dates;

*fourth*, to the Class M-2B and Class M-2BH Reference Tranches, *pro rata* based on their Class Notional Amounts immediately prior to such Payment Date, until the amount allocated to the Class M-2B Reference Tranche is equal to the cumulative amount of unreimbursed Modification Loss Amounts allocated to reduce the Interest Payment Amount on the Class M-2B Notes on all prior Payment Dates;

*fifth*, to the Class B-1H Reference Tranche until the amount allocated to the Class B-1H Reference Tranche is equal to the cumulative amount of unreimbursed Modification Loss Amounts allocated to reduce the Interest Accrual Amount on the Class B-1H Reference Tranche on all prior Payment Dates;

*sixth*, to the Class B-2H Reference Tranche until the amount allocated to the Class B-2H Reference Tranche is equal to the cumulative amount of unreimbursed Modification Loss Amounts allocated to reduce the Interest Accrual Amount on the Class B-2H Reference Tranche on all prior Payment Dates; and

*seventh*, to the most subordinate Classes of Reference Tranches outstanding, *pro rata* based on their Class Notional Amounts immediately prior to such Payment Date.

Any amounts allocated to the Class M-1A, Class M-1B, Class M-2A or Class M-2B Reference Tranches above on any Payment Date will result in a corresponding increase of the Interest Payment Amount of the Class M-1A, Class M-1B, Class M-2A or Class M-2B Notes, as applicable (in each case without regard to any



exchanges of Exchangeable Notes for MACR Notes) for such Payment Date. With respect to any Exchangeable Notes or MACR Notes that have been exchanged for the related MACR Notes, as applicable, any Modification Gain Amount that is allocable to such related exchanged Exchangeable Notes on any Payment Date will be allocated to increase the Interest Payment Amounts, as applicable, of such related Exchangeable Notes or MACR Notes, as applicable, for such Payment Date, *pro rata*, based on their Interest Accrual Amounts.

***Allocation of Senior Reduction Amount and Subordinate Reduction Amount***

On each Payment Date prior to the Maturity Date, after allocation of the Tranche Write-down Amount or Tranche Write-up Amount, if any, for such Payment Date as described under “— *Allocation of Tranche Write-down Amounts*” and “— *Allocation of Tranche Write-up Amounts*” above, the Senior Reduction Amount will be allocated to reduce the Class Notional Amount of each Class of Reference Tranche in the following order of priority, in each case until its Class Notional Amount is reduced to zero:

*first*, to the Class A-H Reference Tranche;

*second*, to the Class M-1A and Class M-1AH Reference Tranches, *pro rata* based on their Class Notional Amounts immediately prior to such Payment Date;

*third*, to the Class M-1B and Class M-1BH Reference Tranches, *pro rata* based on their Class Notional Amounts immediately prior to such Payment Date;

*fourth*, to the Class M-2A and Class M-2AH Reference Tranches, *pro rata* based on their Class Notional Amounts immediately prior to such Payment Date;

*fifth*, to the Class M-2B and Class M-2BH Reference Tranches, *pro rata* based on their Class Notional Amounts immediately prior to such Payment Date;

*sixth*, to the Class B-1H Reference Tranche;

*seventh*, to the Class B-2H Reference Tranche; and

*eighth*, to the Class B-3H Reference Tranche.

On each Payment Date prior to the Maturity Date, after allocation of the Tranche Write-down Amount or Tranche Write-up Amount, if any, for such Payment Date as described under “— *Allocation of Tranche Write-down Amounts*” and “— *Allocation of Tranche Write-up Amounts*” above, and after allocation of the Senior Reduction Amount, the Subordinate Reduction Amount will be allocated to reduce the Class Notional Amount of each Class of Reference Tranche in the following order of priority, in each case until its Class Notional Amount is reduced to zero:

*first*, to the Class M-1A and Class M-1AH Reference Tranches, *pro rata* based on their Class Notional Amounts immediately prior to such Payment Date;

*second*, to the Class M-1B and Class M-1BH Reference Tranches, *pro rata* based on their Class Notional Amounts immediately prior to such Payment Date;

*third*, to the Class M-2A and Class M-2AH Reference Tranches, *pro rata* based on their Class Notional Amounts immediately prior to such Payment Date;

*fourth*, to the Class M-2B and Class M-2BH Reference Tranches, *pro rata* based on their Class Notional Amounts immediately prior to such Payment Date;

*fifth*, to the Class B-1H Reference Tranche;

*sixth*, to the Class B-2H Reference Tranche;

*seventh*, to the Class B-3H Reference Tranche; and

*eighth*, to the Class A-H Reference Tranche.

Because the Class M-1A, Class M-1B, Class M-2A and Class M-2B Notes correspond to the Class M-1A, Class M-1B, Class M-2A and Class M-2B Reference Tranches, respectively, any Senior Reduction Amount

and/or Subordinate Reduction Amount, as applicable, allocated to the Class M-1A, Class M-1B, Class M-2A or Class M-2B Reference Tranche pursuant to the hypothetical structure will result in a requirement of the Trust to make a corresponding payment of principal to the Class M-1A, Class M-1B, Class M-2A or Class M-2B Notes, as applicable (in each case without regard to any exchanges of Exchangeable Notes for MACR Notes). If Exchangeable Notes have been exchanged for MACR Notes, any Senior Reduction Amount and/or Subordinate Reduction Amount that are payable on such exchanged Exchangeable Notes will be allocated to and payable on such MACR Notes (including any MACR Notes further exchanged for such MACR Notes pursuant to an applicable Combination) that are entitled to principal in accordance with the exchange proportions applicable to the related Combination.

***Allocation of Supplemental Subordinate Reduction Amount and Supplemental Senior Increase Amount***

On each Payment Date prior to the Maturity Date, after allocation of the Tranche Write-down Amount or Tranche Write-up Amount, if any, for such Payment Date as described under “— *Allocation of Tranche Write-down Amounts*” and “— *Allocation of Tranche Write-up Amounts*” above, and after allocation of the Senior Reduction Amount or Subordinate Reduction Amount, if any, for such Payment Date as described under “— *Allocation of Senior Reduction Amount and Subordinate Reduction Amount*” above, the Supplemental Subordinate Reduction Amount, if any, for such Payment Date will be allocated to reduce the Class Notional Amount of each Class of Reference Tranche in the following order of priority, in each case until its Class Notional Amount is reduced to zero:

*first*, to the Class M-1A and Class M-1AH Reference Tranches, *pro rata* based on their Class Notional Amounts immediately prior to such Payment Date;

*second*, to the Class M-1B and Class M-1BH Reference Tranches, *pro rata* based on their Class Notional Amounts immediately prior to such Payment Date;

*third*, to the Class M-2A and Class M-2AH Reference Tranches, *pro rata* based on their Class Notional Amounts immediately prior to such Payment Date;

*fourth*, to the Class M-2B and Class M-2BH Reference Tranches, *pro rata* based on their Class Notional Amounts immediately prior to such Payment Date;

*fifth*, to the Class B-1H Reference Tranche;

*sixth*, to the Class B-2H Reference Tranche;

*seventh*, to the Class B-3H Reference Tranche; and

*eighth*, to the Class A-H Reference Tranche.

Because the Class M-1A, Class M-1B, Class M-2A and Class M-2B Notes correspond to the Class M-1A, Class M-1B, Class M-2A and Class M-2B Reference Tranches, respectively, any portion of the Supplemental Subordinate Reduction Amount that is allocated to the Class M-1A, Class M-1B, Class M-2A or Class M-2B Reference Tranche will result in a corresponding payment of principal to the Class M-1A, Class M-1B, Class M-2A or Class M-2B Notes, as applicable (in each case without regard to any exchanges of Exchangeable Notes for MACR Notes).

If Exchangeable Notes have been exchanged for MACR Notes, any Supplemental Subordinate Reduction Amount that is allocable on any Payment Date to any Class of such exchanged Exchangeable Notes will be allocated to and payable on such MACR Notes (including any MACR Notes further exchanged for such MACR Notes pursuant to an applicable Combination) that are entitled to principal in accordance with the exchange proportions applicable to the related Combination.

Simultaneously, on each Payment Date on or prior to the Maturity Date, after allocation of the Senior Reduction Amount, the Subordinate Reduction Amount, any Tranche Write-down Amounts and any Tranche Write-up Amounts, the Supplemental Senior Increase Amount, if any, for such Payment Date will be allocated to increase the Class Notional Amount of the Class A-H Reference Tranche.

## MACR NOTES

The characteristics of the MACR Classes and the available Combinations of Exchangeable Notes and MACR Notes are described in Table 2.

### Exchanges

An exchange of Classes within a Combination will be permitted at any time on or after the applicable Initial Exchange Date, subject to the following constraints:

- The Classes must be exchanged in the applicable “exchange proportions” shown in Table 2. As described below, these are based on the original Class Principal Balances (or *original* Notional Principal Amounts, if applicable) of the Original Classes or MACR Classes, as applicable.
- The aggregate Class Principal Balance (rounded to whole dollars) of the Notes received in the exchange, immediately after the exchange, must equal that of the Notes surrendered for exchange immediately before the exchange (for this purpose, the Notional Principal Amount of any Interest Only MACR Note always equals \$0).
- The aggregate “annual interest amount” (rounded to whole dollars) of the Notes received in the exchange must equal that of the Notes surrendered for exchange. The annual interest amount for any Note equals its outstanding Class Principal Balance or Notional Principal Amount times its Class Coupon. The annual interest amount for the Classes received and the Classes surrendered must be equal at all levels of the SOFR Rate.

We base “exchange proportions” on the *original*, rather than on the *outstanding*, Class Principal Balance or Notional Principal Amount of the Classes.

Table 2 describes the characteristics of the MACR Classes and the available Combinations of Exchangeable Notes and MACR Notes. The specific Classes of Exchangeable Notes and MACR Notes that are outstanding at any given time, and the outstanding Class Principal Balances or Notional Principal Amounts of those Classes, will vary depending on payments on or write-ups or write-downs of those Classes and any exchanges that have occurred. Exchanges of Exchangeable Notes for MACR Notes (or of MACR Notes for other MACR Notes pursuant to an applicable Combination), and vice versa, may occur repeatedly. MACR Notes receive interest payments from their related Exchangeable Notes at their applicable Class Coupons. If on the Maturity Date or any Payment Date a Class of MACR Notes that is entitled to principal is outstanding, all principal amounts that are payable on Exchangeable Notes that were exchanged for such MACR Notes will be allocated to, and payable on, such MACR Notes in accordance with the exchange proportions applicable to the related Combination.

In the event that Class M-2A or Class M-2B Notes have been exchanged for MACR Notes (including any MACR Notes further exchanged for other MACR Notes pursuant to an applicable Combination), the Holders of such MACR Notes will be entitled to exercise all the voting rights that are allocated to such exchanged Class M-2A or Class M-2B Notes, as applicable, and the Class Principal Balances or Notional Principal Amounts, as applicable, of such MACR Notes will be used to determine if the requisite percentage of Holders under the Indenture has voted or given direction; provided that with respect to:

- any outstanding MACR Notes received in exchange for Class M-2 Notes in Combination 2, 3, 4 or 5 described in Table 2, the Class M-2I Notes so received in the exchange will be entitled to exercise 1% of the total voting rights that were allocated to the Class M-2A and Class M-2B Notes that were so exchanged and the Class M-2R, Class M-2S, Class M-2T or Class M-2U Notes received in the exchange will be entitled to exercise 99% of the total voting rights that were allocated to the Class M-2A and Class M-2B Notes that were so exchanged;
- any outstanding MACR Notes received in exchange for Class M-2A Notes in Combination 6, 7, 8 or 9 described in Table 2, the Class M-2AI Notes received in the exchange will be entitled to exercise 1% of the total voting rights that were allocated to the Class M-2A Notes so exchanged and the Class M-2AR, Class M-2AS, Class M-2AT or Class M-2AU Notes received in the exchange will be entitled to exercise 99% of the total voting rights that were allocated to the Class M-2A Notes so exchanged;

- any outstanding MACR Notes received in exchange for Class M-2B Notes in Combination 10, 11, 12 or 13 described in Table 2, the Class M-2BI Notes received in the exchange will be entitled to exercise 1% of the total voting rights that were allocated to the Class M-2B Notes so exchanged and the Class M-2BR, Class M-2BS, Class M-2BT or Class M-2BU Notes received in the exchange will be entitled to exercise 99% of the total voting rights that were allocated to the Class M-2B Notes so exchanged; and
- any outstanding MACR Notes received in exchange for Class M-2AI and Class M-2B Notes in Combination 14, 15, 16 or 17 described in Table 2, the Class M-2RB, Class M-2SB, Class M-2TB and Class M-2UB Notes, as applicable, received in the exchange will be entitled to exercise 100% of the total voting rights that were allocated to the Class M-2B and Class M-2AI Notes so exchanged.

### ***Exchange Procedures***

An exchange of Notes will be permitted at any time on or after the applicable Initial Exchange Date subject to the procedures described below. In order to effect an exchange of Notes (except with respect to any deemed exchange on the Closing Date), the Holder will notify the Exchange Administrator in writing delivered by e-mail at [ctssfexchanges@citi.com](mailto:ctssfexchanges@citi.com), and in accordance with the requirements set forth in the Indenture, no later than two Business Days before the proposed exchange date. The exchange date with respect to any such exchange can be any Business Day on or after the applicable Initial Exchange Date other than the first or last Business Day of the month, a Payment Date, the Record Date related to the next Payment Date or the Business Day following such Record Date. The notice must be on the Holder's letterhead, carry a medallion stamp guarantee and set forth the following information: (i) the CUSIP number of each Exchangeable Note or Notes or MACR Note or Notes (as applicable) to be exchanged and of each Exchangeable Note or Notes or MACR Note or Notes (as applicable) to be received; (ii) the outstanding Class Principal Balance (or Notional Principal Amount) and the original Class Principal Balance (or Notional Principal Amount) of the Notes to be exchanged; (iii) the Holder's DTC participant numbers to be debited and credited; and (iv) the proposed exchange date. After receiving the notice, the Exchange Administrator will e-mail the Holder with wire payment instructions relating to the exchange fee. The Holder will utilize the "Deposit and Withdrawal System" at DTC to exchange the Notes. A notice becomes irrevocable on the second Business Day before the proposed exchange date.

A fee will be payable by the exchanging Holder to the Exchange Administrator in connection with each exchange (except with respect to any deemed exchange on the Closing Date) equal to \$5,000. Such fee must be received by the Exchange Administrator prior to the exchange date or such exchange will not be effected. In addition, any Holder wishing to effect an exchange must pay any other expenses related to such exchange, including any fees charged by DTC.

The Exchange Administrator (unless the Exchange Administrator is the Indenture Trustee) will notify the Indenture Trustee with respect to any exchanges of Notes at the time of such exchange.

The Exchange Administrator will notify the Trust with respect to any exchanges of Notes at the time of such exchange.

The Indenture Trustee will make the first payment on any Exchangeable Note or MACR Note received by a Holder in an exchange transaction on the Payment Date related to the next Record Date following the exchange; provided, however, that with respect to any deemed exchanges on the Closing Date, the first payment on any Notes received with respect to such deemed exchanges will be on the Payment Date occurring in June 2023.

## **THE AGREEMENTS**

### **The Collateral Administration Agreement and the Capital Contribution Agreement**

#### ***The Collateral Administration Agreement***

Pursuant to the Collateral Administration Agreement among the Trust, the Indenture Trustee and us, the Trust will provide us with credit protection with respect to the Reference Pool and we will pay the Trust the Transfer Amount and Return Reimbursement Amount as and when due.

Subject to the netting provisions and conditions to payment described herein, the Collateral Administration Agreement will require us to pay to the Trust on the Business Day immediately prior to each Payment Date, by deposit into the Distribution Account or otherwise, (a) the Transfer Amount due, it being understood that the IO Yield for the related Payment Date will be deemed to satisfy, up to the amount thereof, such payment obligation and (b) the Return Reimbursement Amount, if any. On any Payment Date on which a Tranche Write-down Amount has been allocated to any Class of Reference Tranche corresponding to a Class of Notes and which reduces the Class Principal Balance of any corresponding outstanding Class of Notes, the Collateral Administration Agreement will require the Indenture Trustee, acting on behalf of the Trust, to pay the applicable Return Amount to us on such Payment Date.

The payment obligation of the Trust to pay Return Amounts under the Collateral Administration Agreement is limited to amounts on deposit in the Custodian Account. Our obligation to pay Transfer Amounts is expected to be satisfied in part by amounts collected by the Trust in respect of the IO Q-REMIC Interest.

The respective obligations of us and the Trust to pay any amount due under the Collateral Administration Agreement will be subject to the following conditions precedent (other than in connection with any payments on the Early Termination Date): (a) the monthly “Reference Pool File” for the related Payment Date has been delivered to the Indenture Trustee in accordance with the terms of the Indenture; (b) the Termination Date has not occurred as of any prior Payment Date; and (c) each of us and the Trust has received a payment notification pursuant to the terms of the Collateral Administration Agreement.

#### ***The Capital Contribution Agreement***

On the Closing Date, we will enter into the Capital Contribution Agreement with the Trust and the Indenture Trustee. The Capital Contribution Agreement will require us to pay or cause to be paid to the Trust, by deposit into the Distribution Account or otherwise, an amount equal to the Capital Contribution Amount on the Business Day prior to each Payment Date, subject to the following conditions precedent: (a) the Termination Date has not occurred as of any prior Payment Date; and (b) we have received the payment notification pursuant to the terms of the Capital Contribution Agreement.

#### ***Netting of Payments***

The Collateral Administration Agreement and Capital Contribution Agreement will permit netting of the Return Amount due on any Payment Date against the Transfer Amount, Return Reimbursement Amount and Capital Contribution Amount due on the Business Day immediately prior to such Payment Date. As a result, only one party (i.e., either the Trust or us) will actually make a payment to the other in connection with any Payment Date.

#### ***Assignment***

The Collateral Administration Agreement and the Capital Contribution Agreement will be binding upon and will inure to the benefit of the parties thereto and their respective successors, including any successor by operation of law, and permitted assigns. Neither the Trust nor we, without the prior written consent of the other party (in the case of a transfer by the Trust) or without the prior written consent of the Indenture Trustee (in the case of a transfer by us), may transfer (whether by way of security or otherwise) the Collateral Administration Agreement or Capital Contribution Agreement or any interest or obligation therein or thereunder, except that:

- (a) the Trust or we may make such a transfer pursuant to a consolidation or amalgamation with, or merger with or into, or transfer of all or substantially all its assets to, another entity, or, in the case of us,



pursuant to, in connection with, or in furtherance of, the termination of our conservatorship (but, in each case, without prejudice to any other right or remedy under the Collateral Administration Agreement or Capital Contribution Agreement, as applicable);

(b) the Trust or we may make such a transfer of all or any part of its interest in any amount payable to it from a defaulting party upon an event of default thereunder; and

(c) we may make such a transfer by way of security or by transferring (by way of security or otherwise) all or any part of our right to receive payments under the Collateral Administration Agreement but not legal ownership interest (such as the grant of a participation or other transfer of our right to receive payment), subject to our related obligations, therein and thereunder.

Any purported transfer that is not in compliance with the foregoing terms and conditions will be void.

### ***Termination Date, Scheduled Termination Date and Early Termination Date***

The Collateral Administration Agreement and the Capital Contribution Agreement will terminate on the Termination Date, which date is the earlier to occur of the Scheduled Termination Date and the Early Termination Date. See the definition of “Early Termination Date” in the “*Glossary of Significant Terms*” for a description of the events that may give rise to an Early Termination Date. Our final payment obligations under the Collateral Administration Agreement and the Capital Contribution Agreement will be due on the Business Day prior to the Termination Date and the Trust’s final payment obligations under the Collateral Administration Agreement will be due on the Termination Date, in each case subject to the netting provisions under such agreements. The performance of the Reference Pool during the period commencing at the end of the final Reporting Period and continuing until the Termination Date will be disregarded under the Collateral Administration Agreement and Capital Contribution Agreement for purposes of calculating the final payment obligations.

To the extent an Early Termination Date occurs as a result of a designation by the Trust or us, such Early Termination Date will occur on the first Payment Date following the date on which such notice becomes effective, unless such notice becomes effective five (5) Business Days or less prior to such Payment Date, in which case the Early Termination Date will occur on the second Payment Date following the date on which such notice becomes effective, in each case, whether or not the relevant Freddie Mac Default or Optional Termination Event is then continuing.

The Indenture provides that if an Early Termination Date is designated the Notes will be redeemed on such Early Termination Date. Holders of Notes purchased at a premium or Holders of Interest Only Notes may not recover their investments in any such Notes if an Early Termination Date occurs. See “*Description of the Notes — Scheduled Maturity Date and Early Redemption Date*”.

## **The Indenture**

### ***General***

On the Closing Date, the Trust, as Issuer, Citibank, in its capacity as Indenture Trustee and Exchange Administrator, and BNY Mellon, as Custodian, will enter into the Indenture to provide for the issuance of the Notes and the Grant of the Collateral and to make provisions for securing the payment of amounts payable to us and the Holders. See “*Description of the Notes*” above for additional information about the issuance of the Notes by the Trust pursuant to the Indenture.

### ***Grant of the Collateral***

Pursuant to the Indenture, the Trust will Grant to the Indenture Trustee on the Closing Date, for the benefit of the Secured Parties, in each case as their interests may appear, all of the Trust’s right, title and interest in, to and under, whether now owned or existing, or hereafter acquired or arising, the Secured Collateral. The Secured Collateral consists of (a) the Distribution Account, (b) the IO Q-REMIC Interest, (c) the Custodian Account, (d) all Eligible Investments (including, without limitation, any interest of the Trust in the Custodian Account and any amounts from time to time on deposit therein) purchased with funds on deposit in the Custodian Account and

all income from the investment of funds therein, (e) the Account Control Agreement, (f) the Investment Management Agreement, (g) all accounts, general intangibles, chattel paper, instruments, documents, goods, money, investment property, deposit accounts, letters of credit and letter-of-credit rights, consisting of, arising from, or relating to, any of the foregoing and (h) all proceeds, accessions, profits, income, benefits, substitutions and replacements, whether voluntary or involuntary, of and to any of the property of the Trust described in the preceding clauses. We will hold the certificates representing the IO Q-REMIC Interest in custodial capacity for the benefit of the Indenture Trustee for the benefit of the Secured Parties.

In addition, the Trust will Grant to the Indenture Trustee on the Closing Date, for the benefit of the Holders of the Notes all of the Trust's right, title and interest in, to and under, whether now owned or existing, or hereafter acquired or arising, the Additional Collateral. The Additional Collateral consists of (a) the Collateral Administration Agreement and all payments to the Trust thereunder or with respect thereto, (b) the Capital Contribution Agreement and all payments to the Trust thereunder or with respect thereto, (c) all accounts, general intangibles, chattel paper, instruments, documents, goods, money, investment property, deposit accounts, letters of credit and letter-of-credit rights, consisting of, arising from, or relating to, any of the foregoing, and (d) all proceeds, accessions, profits, income, benefits, substitutions and replacements, whether voluntary or involuntary, of and to any of the property of the Trust described in the preceding clauses.

Such Grants will be made, in trust, to secure (a) solely with respect to the Secured Collateral, the payment of all amounts payable by the Trust to us under the Collateral Administration Agreement and (b) with respect to the Secured Collateral and the Additional Collateral, the payment of all amounts due and payable on the Notes equally and ratably without prejudice, priority or distinction between any Class and any other Class, except as expressly provided in the Indenture; provided that with respect to the Secured Collateral, the Grant for the benefit of the Holders is subordinate to the Grant for the benefit of us.

Except to the extent otherwise provided in the Indenture, the Indenture will constitute a security agreement under the laws of the State of New York applicable to agreements made and to be performed therein. Upon the occurrence of any Indenture Event of Default, and in addition to any other rights available under the Indenture or any other instruments included in the Collateral held for the benefit and security of the Secured Parties or otherwise available at law or in equity, the Indenture Trustee will have all rights and remedies of a secured party on default under the laws of the State of New York and other applicable law to enforce the assignments and security interests contained in the Indenture and, in addition, will have the right, subject to compliance with any mandatory requirements of applicable law, to sell or apply any rights and other interests assigned or pledged thereby in accordance with the terms thereof at public or private sale.

Pursuant to the Indenture, the Indenture Trustee will acknowledge the Grants described in the foregoing paragraphs and will accept the trusts under and in accordance with the provisions of the Indenture.

### ***Standard of Conduct***

In exercising any of its or their voting rights, rights to direct and consent or any other rights as a Secured Party under the Indenture, a Secured Party or the Secured Parties will not have any obligation or duty to any person or to consider or take into account the interests of any person and will not be liable to any person for any action taken by it or them or at its or their direction or any failure by it or them to act or to direct that an action be taken, without regard to whether such action or inaction benefits or adversely affects any Secured Party, the Trust, or any other person.

### ***Accounts, Accountings and Reports***

*General.* Each of the Indenture Trustee and Custodian will segregate and hold all such money and property received by it for the benefit of the Secured Parties as described in “— *Accounts*” below. Except as otherwise expressly provided in the Indenture, if any default occurs in the making of any payment or performance under any agreement or instrument that is part of the Secured Collateral, the Indenture Trustee may and, if directed to do so by us (so long as such default is not caused by a Freddie Mac Default and in respect of any Secured Collateral other than the Trust's rights under the Collateral Administration Agreement or the Capital Contribution Agreement) or by a majority of the aggregate outstanding Class Principal Balance of the Original Notes (without giving effect to exchanges) (in respect of such rights), will take such action as so directed to take

to enforce such payment or performance, including the institution and prosecution of appropriate Proceedings. Any such action will be without prejudice to any right to claim the occurrence of an Indenture Event of Default and any right to proceed with respect thereto as described in “— *Indenture Events of Default*” below.

#### *Accounts*

The Indenture Trustee will, on or prior to the Closing Date, cause the Distribution Account to be established in the name of the Indenture Trustee for the benefit of the Secured Parties pursuant to the Indenture. The Distribution Account must be an Eligible Account. The Indenture Trustee will from time to time deposit into the Distribution Account (i) investment income earned on the Eligible Investments, (ii) the proceeds from the liquidation of Eligible Investments, (iii) distributions on the IO Q-REMIC Interest, and (iv) the Transfer Amounts, Return Reimbursement Amounts, Capital Contribution Amounts and Return Amounts that become due and payable as described in “— *Indenture Events of Default — Remedies; Liquidation of Collateral*” below.

The Custodian will, on or prior to the Closing Date, cause the Custodian Account to be established and held in the name of the Trust subject to the lien of the Indenture Trustee for the benefit of the Secured Parties. The Custodian will deposit the proceeds of the offering of the Notes into the Custodian Account and the Investment Manager will cause the purchase of Eligible Investments pursuant to the Investment Management Agreement. Amounts on deposit in the Custodian Account may be used to purchase only Eligible Investments. All amounts on deposit in the Custodian Account are required to be invested in Eligible Investments prior to the close of business on each Business Day pursuant to the Investment Management Agreement. For the avoidance of doubt, in the unlikely event that any cash is on deposit in the Custodian Account after the deadline for investing in Eligible Investments on any Business Day, such cash will be invested in Eligible Investments on the next Business Day pursuant to the Investment Management Agreement.

All amounts deposited in the Custodian Account, together with any investment property in which funds included in such property are or will be invested or reinvested, and any income or other gain realized from such investments, will be held by the Custodian as part of the Collateral subject to disbursement and withdrawal as described in “— *The Collateral Administration Agreement and the Capital Contribution Agreement — The Collateral Administration Agreement*” and “*Description of the Notes — Interest*” and “— *Principal*” above. Such amounts will be invested pursuant to the terms of the Investment Management Agreement.

With respect to each Payment Date prior to the Maturity Date, the earnings (including the aggregate amount of realized principal gains less any losses) on Eligible Investments during the prior calendar month will be reported to the Indenture Trustee and us by the fifth Business Day of each month and included in the calculation of the Capital Contribution Amount due with respect to such Payment Date. With respect to the Maturity Date, the earnings (including the aggregate amount of realized principal gains less any losses) on Eligible Investments during the prior calendar month and the then-current month will be included in the calculation of the Capital Contribution Amount due with respect to the Maturity Date. The Indenture Trustee will not in any way be held liable by reason of any insufficiency of such amounts held in the Distribution Account resulting from any loss relating to any such Eligible Investments.

On each Payment Date, the Indenture Trustee will distribute amounts held in the Distribution Account as described in “— *The Collateral Administration Agreement and the Capital Contribution Agreement — The Collateral Administration Agreement*” and “*Description of the Notes — Interest*” and “— *Principal*” above. Any amounts remaining in the Distribution Account after such distributions will be transferred to the Custodian Account and reinvested in Eligible Investments.

#### ***Payment Date Statement***

The Indenture Trustee will prepare a Payment Date Statement each month setting forth certain information relating to the Reference Pool, the Notes, the Reference Tranches and the hypothetical structure described in this Memorandum, including:

- (i) the Class Principal Balance (or Notional Principal Amount) of each Class of Notes and the percentage of the original Class Principal Balance (or Notional Principal Amount) of each Class of Notes on

the first day of the immediately preceding Accrual Period, the amount of principal payments to be made on the Notes of each Class that are entitled to principal on such Payment Date and the Class Principal Balance (or Notional Principal Amount) of each Class of Notes and the percentage of the original Class Principal Balance (or Notional Principal Amount) of each Class of Notes after giving effect to any payments of principal to be made on such Payment Date and the allocation of any Tranche Write-down Amounts and Tranche Write-up Amounts, to such Class of Notes on such Payment Date;

(ii) the SOFR Rate for the Accrual Period preceding the related Payment Date (including any replacement interest rate if a Benchmark Transition Event and its related Benchmark Replacement Date have occurred with respect to SOFR or the then current Benchmark);

(iii) the occurrence of a Benchmark Transition Event with respect to any Payment Date and the related Benchmark Replacement and Benchmark Replacement Date;

(iv) the Interest Payment Amount for each outstanding Class of Notes for the related Payment Date;

(v) the amount of principal required to be paid by the Trust for each outstanding Class of Notes that is entitled to principal for the related Payment Date and the Senior Reduction Amount, the Subordinate Reduction Amount, the Senior Percentage and the Subordinate Percentage for the related Payment Date;

(vi) the aggregate Tranche Write-down Amounts, Tranche Write-up Amounts, Modification Loss Amounts and Modification Gain Amounts previously allocated to each Class of Notes and each Class of Reference Tranche pursuant to the hypothetical structure and the Tranche Write-down Amounts, Tranche Write-up Amounts, Modification Loss Amounts and Modification Gain Amounts to be allocated on the related Payment Date;

(vii) the Supplemental Subordinate Reduction Amount and Supplemental Senior Increase Amount, if any, for the related Payment Date;

(viii) the cumulative number (to date) and UPB of the Reference Obligations that have become Credit Event Reference Obligations, the number and UPB of the Reference Obligations that have become Credit Event Reference Obligations during the related Reporting Period and the Cumulative Net Loss Percentage;

(ix) the number and aggregate UPB of Reference Obligations with respect to their delinquency status, including whether the status of such Reference Obligations is bankruptcy, foreclosure, or REO, as of the related Reporting Period;

(x) the number and UPB amount of Reference Obligations (A) that became Credit Event Reference Obligations (and identification under which clause of the definition of “Credit Event” each such Reference Obligation became a Credit Event Reference Obligation), (B) that were removed from the Reference Pool as a result of a defect or breach of a representation and warranty, and (C) that have been paid in full;

(xi) the cumulative number and UPB of Credit Event Reference Obligations that have Unconfirmed Underwriting Defects or Unconfirmed Servicing Defects, including whether such defects have been confirmed, rescinded, or are still outstanding as of the related Reporting Period;

(xii) the percentage of Reference Pool outstanding (equal to the outstanding principal amount of Reference Obligations divided by the Cut-off Date Balance) as of the current Reporting Period;

(xiii) the principal collections on the Reference Obligations amounts, both cumulative and for the current Reporting Period;

(xiv) the Recovery Principal for the current Reporting Period;

(xv) the Origination Rep and Warranty/Servicing Breach Settlement Amount and the related Origination Rep and Warranty/Servicing Breach Settlement Loan Allocation Amount (Cap) for each Origination Rep and Warranty/Servicing Breach Settlement for the current Reporting Period;

(xvi) the number of sellers and the corresponding dollar amount of Reference Obligations no longer subject to our quality control process;

(xvii) with respect to each Reference Obligation in the Reference Pool, as may be applicable, the following information: net sales proceeds (realized cumulative); Mortgage Insurance Credit Amount (cumulative); taxes and insurance (realized cumulative); legal costs (realized cumulative); maintenance and preservation costs (realized cumulative); bankruptcy cramdown costs (realized cumulative); miscellaneous expenses (realized cumulative); miscellaneous credits (realized cumulative); modification costs (realized cumulative); delinquent accrued interest (realized cumulative); total realized net loss (cumulative); and current period net loss;

(xviii) the amount of the Transfer Amount for such Payment Date;

(xix) the amount of the Return Reimbursement Amount for such Payment Date;

(xx) the amount of the Return Amount for such Payment Date;

(xxi) the amount of the Capital Contribution Amount for such Payment Date;

(xxii) to the extent received or given by the Indenture Trustee, notification of the occurrence of an Early Termination Date;

(xxiii) to the extent received by the Indenture Trustee, notification from us in accordance with the Securitization Regulation Agreement of our on-going compliance with the terms thereof;

(xxiv) the market value of any Eligible Investments (other than those Eligible Investments that were reinvested) both before and after giving effect to payments of principal to Noteholders on such Payment Date and any payments of Notes Retirement Amounts to Freddie Mac in connection with the retirement of Notes on such Payment Date and/or on any retirement date that occurred since the last Payment Date as well as liquidation proceeds of any redemptions of Eligible Investments (other than those Eligible Investments in which investment income was reinvested) in respect of such Payment Date and/or on any retirement date that occurred since the last Payment Date;

(xxv) investment income collected during the prior calendar month; provided that with respect to the final Payment Date, such earnings will be measured based on the prior calendar month and the then-current calendar month;

(xxvi) any principal gains or principal losses on Eligible Investments realized during the prior calendar month; provided that with respect to the final Payment Date, such earnings will be measured based on the prior calendar month and the then-current calendar month;

(xxvii) any applicable notices regarding changes in any Reporting Period;

(xxviii) the number and UPB of Enhanced Relief Refinance Reference Obligations, if any;

(xxix) the amount payable on the IO Q-REMIC Interest for such Payment Date;

(xxx) the amounts for such Payment Date representing the portion of interest that is received in respect of the REMIC regular interest components of the Class M-1A, Class M-1B, Class M-2A and Class M-2B Notes;

(xxxi) to the extent received by the Indenture Trustee, notification from us that we have determined that the Trust is a “commodity pool” under the Commodity Exchange Act, together with our proposed course of action with respect to such determination, including whether we intend to claim an exemption from CPO registration, effect an early redemption of the Notes, or register as a CPO;

(xxxii) to the extent received by the Indenture Trustee, notification from us that the IRS has provided guidance with respect to the Enhanced Relief Refinance Reference Obligations being included in the Reference Pool; and

(xxxiii) the amount of Notes Retirement Amount, if any, allocated to increase and decrease, as applicable, the Class Notional Amounts of all Classes of Reference Tranches for such Payment Date and/or on any retirement date that occurred since the last Payment Date; the aggregate amount of Notes Retirement Amounts allocated to increase and decrease, as applicable, the Class Notional Amounts of all Classes of Reference Tranches reported on all prior Payment Date Statements; the initial Class Notional Amount of



each Reference Tranche prior to the payment of any Notes Retirement Amounts on such Payment Date and on any retirement date that occurred since the last Payment Date; and the increase and decrease of the Class Notional Amounts of all Classes of Reference Tranches (expressed in dollars and percentage of their initial Class Notional Amounts) as a result of the allocation of all Notes Retirement Amounts.

The Indenture Trustee will make the Payment Date Statement (and, at its option, any additional files containing the same information in an alternative format) available each month to Noteholders that provide appropriate certification in the form acceptable to the Indenture Trustee (which may be submitted electronically via the Indenture Trustee's internet site) and as any designee of ours via the Indenture Trustee's internet website at <https://sf.citidirect.com>. Assistance in using the internet website can be obtained by calling the Indenture Trustee at (888) 855-9695. Parties that are unable to use the above distribution options are entitled to have a paper copy mailed to them via first class mail by calling the customer service desk and indicating such. The Indenture Trustee will have the right to change the way the Payment Date Statement is distributed in order to make such distribution more convenient or more accessible to the above parties. The Indenture Trustee is required to provide timely and adequate notification to all above parties regarding any such changes. The Indenture Trustee will not be liable for the dissemination of information in accordance with the Indenture.

The Indenture Trustee will also be entitled to rely on but will not be responsible for the content or accuracy of any information provided by third parties for purposes of preparing the Payment Date Statement and may affix thereto any disclaimer it deems appropriate in its reasonable discretion (without suggesting liability on the part of any other party hereto).

#### ***Indenture Events of Default***

**"Indenture Event of Default"** means

(a) a default in the payment, when due and payable, of interest due on any Note to the extent payable, as described under "*Description of the Notes — Interest, — Allocation of Modification Gain Amount*" and "*— Allocation of Modification Loss Amount*", which default continues for a period of 30 days;

(b) a default in the payment of the Class Principal Balance of any Note on the Maturity Date, to the extent payable, as described under "*Description of the Notes — Principal, — Allocation of Tranche Write-down Amounts, — Allocation of Tranche Write-up Amounts*" and "*— Allocation of Modification Loss Amount*", or in the case of a default in payment due to an administrative error or omission by the Indenture Trustee or any paying agent, which default continues for a period of 30 days;

(c) a default in the performance, or breach, of any other covenant of the Trust under the Indenture or any representation or warranty of the Trust made in the Indenture or in any certificate or other writing delivered pursuant thereto or in connection therewith proves to be incorrect in any material respect when made and the continuation of such default or breach for a period of 30 days after the Trust has notice thereof by (i) a responsible officer of the Indenture Trustee, (ii) us (except in the case of a Freddie Mac Default) or (iii) the Holders of not less than a majority of the aggregate outstanding Class Principal Balance of the Original Notes (without giving effect to exchanges);

(d) an involuntary Proceeding shall be commenced or an involuntary petition shall be filed seeking (i) winding up, liquidation, reorganization or other relief in respect of the Trust or its debts, or of a substantial part of its assets, under any bankruptcy, insolvency, receivership or similar law now or hereafter in effect or (ii) the appointment of a receiver, trustee, custodian, sequestrator, conservator or similar official for the Trust or for a substantial part of its assets, and, in any such case, such proceeding or petition shall continue undismissed for 60 days; or an order or decree approving or ordering any of the foregoing shall be entered;

(e) the Trust shall (i) voluntarily commence any Proceeding or file any petition seeking winding up, liquidation, reorganization or other relief under any bankruptcy, insolvency, receivership or similar law now or hereafter in effect, (ii) consent to the institution of, or fail to contest in a timely and appropriate manner, any proceeding or petition described in section (d) above, (iii) apply for or consent to the appointment of a receiver, trustee, custodian, sequestrator, conservator or similar official for the Trust or for a substantial part of its assets, (iv) file an answer admitting the material allegations of a petition filed against it in any such

Proceeding, (v) make a general assignment for the benefit of creditors or (vi) take any action for the purpose of effecting any of the foregoing;

(f) the Indenture Trustee ceases to have a valid and enforceable first-priority security interest in the Collateral or such security interest proves not to have been a valid or enforceable first-priority security interest when granted or purported to have been granted; or

(g) it becomes unlawful for the Trust to perform or comply with any of its obligations under the Notes, the Indenture or any other transaction document to which it is a party;

provided, however, that no Indenture Event of Default with respect to any Notes shall occur under either *clause (a) or (b)* above if the Collateral has been realized upon in full and all amounts available to be paid in respect of such Collateral have been distributed in accordance with the provisions of the Indenture.

*Acceleration and Maturity; Rescission and Annulment.* If an Indenture Event of Default occurs and is continuing (other than an Indenture Event of Default described in *clause (d), (e), (f) or (g)* above), the Indenture Trustee, if a responsible officer thereof has actual knowledge of or has received notice of such Indenture Event of Default, may, or at the direction of not less than a majority of the aggregate outstanding Class Principal Balance of the Original Notes (without giving effect to exchanges) will, declare the Class Principal Balance of all the Notes to be due and payable on the next succeeding Payment Date, and upon any such declaration such principal, together with all accrued and unpaid Interest Payment Amounts on the Notes, and other amounts payable under the Indenture, will become due and payable on the next succeeding Payment Date. If an Indenture Event of Default described in *clause (d), (e), (f) or (g)* above occurs and is continuing, the Class Principal Balance of all of the Notes, together with all accrued and unpaid Interest Payment Amounts on the Notes and other amounts payable under the Indenture, will automatically become due and payable without any declaration or other act on the part of the Indenture Trustee or any Holder.

At any time after such a declaration of acceleration of maturity has been made (except with respect to an Indenture Event of Default described in *clause (d), (e), (f) or (g)* above) and before a judgment or decree for payment of the money due has been obtained by the Indenture Trustee as provided in the Indenture, a majority of the aggregate outstanding Class Principal Balance of the Original Notes (without giving effect to exchanges), by written notice to the Indenture Trustee, may rescind and annul such declaration and its consequences if:

(i) the Trust has paid or deposited with the Indenture Trustee a sum sufficient to pay:

(A) all overdue amounts payable on or in respect of the Notes (other than amounts due solely as a result of the acceleration),

(B) to the extent that payment of interest on such amount is lawful, interest on such overdue amounts at a rate equal to the applicable Class Coupon,

(C) any accrued and unpaid amounts payable by the Trust pursuant to the Collateral Administration Agreement, and

(ii) the Indenture Trustee has determined that all Indenture Events of Default, other than the nonpayment of the principal of or interest on the Notes that have become due solely by such acceleration, have been cured and a majority of the aggregate outstanding Class Principal Balance of the Original Notes (without giving effect to exchanges), by written notice to the Indenture Trustee, has agreed with such determination or waived such Indenture Events of Default.

No such rescission and annulment will affect any subsequent Indenture Event of Default or impair any right consequent thereon.

*Collection of Indebtedness and Suits for Enforcement by Indenture Trustee.* If an Indenture Event of Default occurs and is continuing, the Indenture Trustee at the direction of a majority of the aggregate outstanding Class Principal Balance of the Original Notes (without giving effect to exchanges) will proceed to protect and enforce its rights and the rights of the Secured Parties by such appropriate Proceedings as such Holders direct, whether for the specific enforcement of any covenant or agreement in the Indenture or in aid of the exercise of any power granted therein, or to enforce any other proper remedy or legal or equitable right vested in the Indenture Trustee by the Indenture or by law; provided, however, that no such Proceedings may be instituted

with respect to the Eligible Investments or any proceeds thereof unless an Indenture Event of Default under *clause (f)* above has occurred and is continuing and, provided further, that the Indenture Trustee will have no duty or obligation to take such action unless such Holders offer indemnification satisfactory to the Indenture Trustee. Absent receipt of any such written direction by a responsible officer of the Indenture Trustee, the Indenture Trustee will have no duty or obligation to take any action in respect of an Indenture Event of Default. In any Proceedings brought by the Indenture Trustee on behalf of the Holders, the Indenture Trustee will be held to represent all the Holders of the Notes and it will not be necessary to make any Holder a party to any such proceeding.

*Remedies; Liquidation of Collateral.* If an Indenture Event of Default occurs and is continuing, and the Notes have been declared due and payable and such declaration and the consequences of such Indenture Event of Default and acceleration have not been rescinded and annulled, the Trust agrees that the Indenture Trustee will, upon direction of a majority of the aggregate outstanding Class Principal Balance of the Original Notes (without giving effect to exchanges), to the extent permitted by applicable law, exercise one or more of the following rights, privileges and remedies:

- (i) institute Proceedings for the collection of all amounts then payable on the Notes or otherwise payable under the Indenture, whether by declaration or otherwise, enforce any judgment obtained, and collect from the Collateral any monies adjudged due;
- (ii) take the actions described under “— *Application of Proceeds*” below;
- (iii) exercise any remedies of a secured party under the UCC and take any other appropriate action to protect and enforce the rights and remedies of the Secured Parties; and
- (iv) exercise any other rights and remedies that may be available at law or in equity.

If the Notes have been declared due and payable as described above, the Indenture Trustee will give notice under the Collateral Administration Agreement and the Capital Contribution Agreement of the designation of an Early Termination Date (if the Collateral Administration Agreement and the Capital Contribution Agreement have not yet terminated) and demand payment from us of any amounts due under the Collateral Administration Agreement and the Capital Contribution Agreement (and, if we fail to make any such payment, take the actions described in “— *Application of Proceeds — Procedures Relating to Delayed Payments*” below). Any amounts so paid by us will be held in the Distribution Account for the benefit of the Holders of the Notes, as their interests may appear. See “*Description of the Notes — Scheduled Maturity Date and Early Redemption Date*”.

In determining whether the holders of the requisite percentage of Notes have given any direction, notice or consent, Notes owned by us will be disregarded and deemed not to be outstanding.

#### ***Application of Proceeds***

If an Indenture Event of Default occurs and is continuing, and the Notes have been declared due and payable and such declaration and the consequences of such Indenture Event of Default and acceleration have not been rescinded and annulled, the Holders of a majority of the aggregate outstanding Class Principal Balance of the Original Notes (without giving effect to exchanges) may direct the Indenture Trustee to (a) withdraw all proceeds of Eligible Investments for the related Payment Date held in the Distribution Account, (b) liquidate all Collateral (other than Collateral which is held in the form of cash) held in the Custodian Account into cash as provided in the Indenture, (c) give notice of a Freddie Mac Default or the occurrence of an event described in clause (vi) of the definition of “Early Termination Date” in the “*Glossary of Significant Terms*”, as applicable, in accordance with the Indenture, (d) designate an Early Termination Date in accordance with the Indenture and (e) demand payment from us of any amounts due under the Collateral Administration Agreement and/or the Capital Contribution Agreement, as applicable. If any such direction by the Holders of a majority of the aggregate outstanding Class Principal Balance of the Original Notes (without giving effect to exchanges), as applicable, has been given and carried out, then on the Early Termination Date the Indenture Trustee will apply the funds on deposit in the accounts as follows:

- (i) to the payment of any amounts due and payable to us, if any, under the Collateral Administration Agreement;

(ii) to the payment of interest on the Class M-1A Notes, to the extent outstanding, as to amounts accrued and unpaid through such Payment Date;

(iii) to the repayment to the holders of the Class M-1A Notes, to the extent outstanding, of any remaining Class Principal Balance of the Class M-1A Notes;

(iv) to the payment of interest on the Class M-1B Notes, to the extent outstanding, as to amounts accrued and unpaid through such Payment Date;

(v) to the repayment to the holders of the Class M-1B Notes, to the extent outstanding, of any remaining Class Principal Balance of the Class M-1B Notes;

(vi) to the payment of interest on the Class M-2A Notes, to the extent outstanding, as to amounts accrued and unpaid through such Payment Date;

(vii) to the repayment to the holders of the Class M-2A Notes, to the extent outstanding, of any remaining Class Principal Balance of the Class M-2A Notes;

(viii) to the payment of interest on the Class M-2B Notes, to the extent outstanding, as to amounts accrued and unpaid through such Payment Date; and

(ix) to the repayment to the holders of the Class M-2B Notes, to the extent outstanding, of any remaining Class Principal Balance of the Class M-2B Notes.

*Procedures Relating to Delayed Payments.* If the Indenture Trustee does not receive the net amount, if any, owed by Freddie Mac under the Collateral Administration Agreement and the Capital Contribution Agreement when due, (a) the Indenture Trustee will promptly notify the Trust in writing and (b) unless within 30 days after such notice such payment has been received by the Indenture Trustee, the Indenture Trustee will request us to make such payment as soon as practicable after such request but in no event later than three Business Days after the date of such request. If such payment is not made within such time period, the Indenture Trustee will notify the Holders of such nonpayment and will take such action as the Holders of not less than a majority of the aggregate outstanding Class Principal Balance of the Original Notes (without giving effect to exchanges) directs in writing or, if no such direction is received, such action as the Indenture Trustee deems most effectual (in each case, which may include declaring an Early Termination Date). Any such action will be without prejudice to any right to claim an Indenture Event of Default.

#### ***Limitation on Liability***

None of the Indenture Trustee, the Exchange Administrator or any of the officers, directors, general or limited partners, shareholders, members, managers, employees, agents or Affiliates of the Indenture Trustee and the Exchange Administrator will have any liability to the Trust, the parties to the Indenture, the Noteholders or any other person for any action taken or for refraining from the taking of any action in good faith pursuant to the Indenture or the Basic Documents, or for errors in judgment; *provided, however*, that this provision will not protect the Indenture Trustee or the Exchange Administrator, as applicable, against any breach of warranties or representations made by it in the Indenture or any liability which would otherwise be imposed by reason of the Indenture Trustee's or Exchange Administrator's willful misfeasance, bad faith, fraud or negligence in the performance of its obligations and duties under the Indenture or negligent disregard of its obligations and duties under the Indenture. In addition, neither the Indenture Trustee nor the Exchange Administrator will be responsible for delays or failures in performance due to force majeure or acts of God.

Neither the Indenture Trustee nor the paying agent will be under any obligation (i) to monitor, determine or verify the unavailability or cessation of SOFR (or other applicable benchmark), or whether or when there has occurred, or to give notice to any other Transaction Party of the occurrence of, any Benchmark Transition Event or Benchmark Replacement Date, except to the extent the Administrator has provided notice to the Indenture Trustee and paying agent for inclusion in the Payment Date Statement of (a) the occurrence of a Benchmark Transition Event or (b) the selection of a Benchmark Replacement and Benchmark Replacement Date, (ii) to select, determine or designate any alternative method, Benchmark Replacement or alternative index, or other successor or replacement alternative index, or whether any conditions to the designation of such a rate have been satisfied, or (iii) to select, determine or designate any Benchmark Replacement Adjustment, or other modifier to

any replacement or successor index, or (iv) to determine whether or what conforming changes with respect to such alternative method, Benchmark Replacement or alternative index are necessary or advisable, if any, in connection with any of the foregoing.

Neither the Indenture Trustee nor the paying agent will be liable for any inability, failure or delay on its part to perform any of its duties set forth in the Indenture as a result of the unavailability of SOFR (or other applicable Benchmark) and the absence of a designated Benchmark Replacement, including as a result of any inability, delay, error or inaccuracy on the part of any other Transaction Party, including without limitation the Administrator, in providing any direction, instruction, notice or information required or contemplated by the terms of the Indenture and reasonably required for the performance of such duties.

#### ***Amendments to the Indenture and the other Basic Documents***

Each of the Basic Documents may be amended subject to certain limitations, if any, set forth therein. The following discussion summarizes some of such limitations.

##### ***The Indenture***

The Indenture may be amended from time to time by the mutual agreement of the parties thereto without the consent of any Noteholders:

(i) to correct, modify or supplement any provision therein which may be inconsistent with this Memorandum;

(ii) to correct, modify or supplement any provision therein which may be inconsistent with any other Basic Document;

(iii) to cure any ambiguity or to correct, modify or supplement any provision therein which may be inconsistent with any other provision therein or to correct any error;

(iv) to make any other provisions with respect to matters or questions arising thereunder;

(v) to modify, alter, amend, add to or rescind any provision therein to comply with any applicable rules, regulations, orders or directives promulgated from time to time;

(vi) as evidenced by an opinion of counsel delivered to the Indenture Trustee, to relax or eliminate certain transfer restrictions imposed on the Notes pursuant to the Indenture (if applicable law is amended or clarified such that any such restriction may be relaxed or eliminated);

(vii) to acknowledge the successors and permitted assigns of any party to a Basic Document and the assumption by any such successor or assign of such party's covenants and obligations thereunder;

(viii) as evidenced by an opinion of counsel delivered to Freddie Mac, the Indenture Trustee and the Exchange Administrator, to modify or eliminate any requirement under the Indenture imposed by the REMIC Provisions (if the REMIC Provisions are amended or clarified such that any such requirement may be relaxed or eliminated);

(ix) as evidenced by an opinion of counsel delivered to Freddie Mac, the Indenture Trustee and the Exchange Administrator, either (A) to comply with any requirements imposed by the Code or any successor or amended statute or any temporary or final Regulation, revenue ruling, revenue procedure or other written official announcement or interpretation relating to federal income tax laws or any such proposed action which, if made effective, would apply retroactively to any REMIC at least from the effective date of such amendment, or (B) to avoid the occurrence of a prohibited transaction or to reduce the incidence of any tax that would arise from any actions taken with respect to the operation of any REMIC;

(x) to facilitate compliance pursuant to the Indenture with any REMIC administrative provisions, including filing of tax returns and fulfilling tax reporting requirements, as evidenced by the receipt by the Exchange Administrator and the Indenture Trustee of an opinion of counsel to that effect or, alternatively, in the case of any particular Noteholder, an acknowledgment to that effect from such person;



(xi) to implement any Benchmark Replacement Conforming Changes; or

(xii) to implement any SOFR Adjustment Conforming Changes;

provided that no such amendment for the specific purposes described in any of clauses (iii) through (v) above adversely affects in any material respect the interests of the Noteholders, as evidenced by the receipt by the Indenture Trustee of an opinion of counsel to that effect or, alternatively, in the case of any particular Noteholder, an acknowledgment to that effect from such Noteholder (unless such Noteholder consents to such amendment); and, provided further, that no such amendment may adversely affect our interests (unless we have consented to such amendment); and, provided further, that in each case, we and the Indenture Trustee have received a Tax Opinion. In the event of a Benchmark Transition Event, we and the Indenture Trustee will receive a Tax Opinion.

The Indenture may also be amended from time to time by mutual agreement of the parties thereto, and, if any Notes are outstanding, with the written consent of the Holders of Notes entitled to at least a majority of the aggregate outstanding Class Principal Balance of the Original Notes (without giving effect to exchanges) allocated to each of the Classes of Notes that are materially and adversely affected by such amendment, for the purpose of adding any provisions to or changing in any manner or eliminating any of the provisions of the Indenture or of modifying in any manner the rights of the Holders of Notes; provided, however, that no such amendment may, without the consent of the Holders of all Original Notes then outstanding (without giving effect to exchanges), (i) modify the amendment provisions of the Indenture, (ii) change the Scheduled Maturity Date or any monthly Payment Date of the Notes, (iii) reduce the Class Principal Balance or Notional Principal Amount (other than as provided for in the Indenture), delay the principal distribution of (other than as provided for in the Indenture), or materially modify the rate of interest or the calculation of the rate of interest on, the Notes (other than as provided for in the Indenture), (iv) reduce the percentage of Holders of Notes whose consent or affirmative vote is necessary to amend the terms of the Notes, or (v) significantly change the activities of the Trust; provided, further, that no such amendment may adversely affect our interests (unless the we have consented to such amendment); and, provided further, that in each case, we and the Indenture Trustee have received a Tax Opinion.

You should note that pursuant to clause (c) of the definition of “Reporting Period” in the “*Glossary of Significant Terms*”, we may designate a revised definition of Reporting Period from time to time to conform to any updates to our operational processes or timelines for mortgage loans serviced in accordance with the Guide without amending the Indenture or any other Basic Document pursuant to the amendment provisions thereof. Any such revised definition will be effective as the definition of “Reporting Period” in the Indenture and any other related Basic Documents upon satisfaction of the conditions set forth in such clause (c).

*The Collateral Administration Agreement, Capital Contribution Agreement, Trust Agreement, Administration Agreement, Account Control Agreement and Investment Management Agreement*

The Trust Agreement, the Collateral Administration Agreement, the Capital Contribution Agreement, the Administration Agreement, and/or the Account Control Agreement, may be amended from time to time without the consent of the Indenture Trustee or the Noteholders:

(i) to correct, modify or supplement any provision therein which may be inconsistent with this Memorandum;

(ii) to correct, modify or supplement any provision therein which may be inconsistent with any other Basic Document;

(iii) to cure any ambiguity or to correct, modify or supplement any provision therein which may be inconsistent with any other provision therein or to correct any error;

(iv) to make any other provisions with respect to matters or questions arising thereunder;

(v) to modify, alter, amend, add to or rescind any provision therein to comply with any applicable rules, regulations, orders or directives promulgated from time to time;

(vi) to add to any covenants of us, the Sponsor or the Administrator for the benefit of the Noteholders or to surrender any right or power conferred upon us, the Sponsor or the Administrator;

(vii) to acknowledge the successors and permitted assigns of any party to a Basic Document and the assumption by any such successor or assign of such party's covenants and obligations thereunder; or

(viii) in the case of the Administration Agreement, for any other purpose;

provided that no such amendment for the specific purposes described in clauses (iii) through (v) or (viii) above adversely affects in any material respect the interests of the Noteholders, as evidenced by the receipt by the Indenture Trustee of an opinion of counsel to that effect or, alternatively, in the case of any particular Noteholder, an acknowledgment to that effect from such Noteholder (unless such Noteholder consents to such amendment); and, provided further, that no such amendment may adversely affect our interests (unless we have consented to such amendment); and, provided further, that no such amendment may adversely affect the interests of the Indenture Trustee (unless the Indenture Trustee consents to such amendment); and, provided further, that in each case, the Sponsor, the Administrator, the Indenture Trustee and, in the case of the Collateral Administration Agreement and Capital Contribution Agreement, Freddie Mac, and, in the case of the Trust Agreement, the Owner Trustee, have received a Tax Opinion.

The Trust Agreement, the Collateral Administration Agreement, Capital Contribution Agreement, the Administration Agreement, and/or the Account Control Agreement, as applicable, may also be amended from time to time by mutual agreement of the parties thereto and, if any Notes are outstanding, with the written consent of the Indenture Trustee and the consent of Holders of Notes entitled to at least a majority of the aggregate outstanding Class Principal Balance of the Original Notes (without giving effect to exchanges) allocated to each of the Classes of Notes that are materially and adversely affected by such amendment, for any other purpose; provided, that no such amendment will be effective unless the Indenture Trustee has provided its consent; and, provided further, that in each case, the Sponsor, the Administrator, the Indenture Trustee and, in the case of the Collateral Administration Agreement and Capital Contribution Agreement, Freddie Mac, and, in the case of the Trust Agreement, the Owner Trustee, have received a Tax Opinion.

The Investment Management Agreement may be amended by mutual agreement of the parties thereto.

You should note that pursuant to clause (c) of the definition of "Reporting Period" in the *"Glossary of Significant Terms"*, we may designate a revised definition of Reporting Period from time to time to conform to any updates to our operational processes or timelines for mortgage loans serviced in accordance with the Guide without amending the Indenture or any other Basic Document pursuant to the amendment provisions thereof. Any such revised definition will be effective as the definition of "Reporting Period" in the Indenture and any other related Basic Documents upon satisfaction of the conditions set forth in such clause (c).

#### *Quorum*

A quorum at any meeting of Holders called to adopt a resolution will consist of Holders entitled to vote a majority of the aggregate outstanding Class Principal Balance of the Original Notes (without giving effect to exchanges) and called to such meeting. A quorum at any reconvened meeting adjourned for lack of a quorum, will consist of Holders entitled to vote 25% of the aggregate outstanding Class Principal Balance of the Original Notes (without giving effect to exchanges), in both cases excluding any such Notes owned by us. In the event that Exchangeable Notes have been exchanged for MACR Notes (or such MACR Notes have been further exchanged for other MACR Notes pursuant to an applicable Combination), Holders of such MACR Notes will be entitled to exercise all the voting rights that are allocated to such exchanged Exchangeable Notes in the manner described under *"MACR Notes"*. Holders do not have to approve the particular form of any proposed amendment, as long as they approve the substance of such change. See *"Risk Factors — Risks Related to Certain Characteristics of the Notes — Rights of Noteholders Are Limited"*.

As provided in the Indenture, the Indenture Trustee will establish a record date for the determination of Holders entitled to vote at any meeting of Holders of Notes, to grant any consent regarding Notes and to give notice of any such meeting or consent.

Any instrument given by or on behalf of any Holder of a Note relating to a consent to any modification, amendment or supplement will be irrevocable once given and will be conclusive and binding on all subsequent Holders of that Note or any substitute or replacement Note, whether or not notation of any amendment is made upon such Notes. Any amendment of the Indenture or of the terms of Notes will be conclusive and binding on all

Holders of those Notes, whether or not they have given such consent or were present at any meeting (unless by the terms of the Indenture a written consent or an affirmative vote of such Holders is required), and whether or not notation of any such amendment is made upon the Notes.

#### ***Consolidation, Merger or Transfer of Assets***

The Trust may not consolidate with, merge into, or transfer or convey all or substantially all of its assets to any other corporation, partnership, trust or other person or entity.

#### ***Petitions for Bankruptcy***

The Indenture will provide that the Holders of the Notes and the Indenture Trustee agree not to cause the filing of a petition in bankruptcy against the Trust before one year and one day or, if longer, the applicable preference period then in effect, has elapsed since the payment in full of all of the Notes that are outstanding.

#### ***Satisfaction and Discharge of the Indenture***

The Indenture will be discharged and cease to be of further effect with respect to the Notes except as to certain limited rights specified in the Indenture and the Indenture Trustee, on demand of and at the expense of the Trust, will execute proper instruments acknowledging satisfaction and discharge of the Indenture, when:

(i) either:

(A) all Notes previously authenticated and delivered (other than (1) Notes that have been mutilated, defaced, destroyed, lost or stolen and which have been replaced or paid as provided in the Indenture and (2) Notes for whose payment money has previously irrevocably been deposited in trust and thereafter repaid to the Trust or discharged from such trust as provided in the Indenture) have been delivered to the Indenture Trustee for cancellation; or

(B) all Notes not previously delivered to the Indenture Trustee or the Authenticating Agent for cancellation (1) have become due and payable or (2) have been declared immediately due and payable as described in “*Indenture Events of Default — Remedies; Liquidation of Collateral*” above;

(ii) the Trust has irrevocably deposited or caused to be deposited with the Indenture Trustee, in trust for such purpose, cash in an amount sufficient, as verified by a firm of nationally recognized independent certified public accountants, to pay and discharge (A) the entire indebtedness on all Notes not previously delivered to the Indenture Trustee for cancellation, including the entire Class Principal Balance thereof and all Interest Payment Amounts accrued to the date of such deposit (in the case of Notes which have become due and payable) or to the Scheduled Maturity Date or the Early Redemption Date, as the case may be, and (B) all amounts payable to us under the Collateral Administration Agreement;

(iii) the Trust has paid or caused to be paid all other sums payable or to become payable hereunder (including, without limitation, amounts payable pursuant to the Administration Agreement and under the Collateral Administration Agreement) and no other amounts will become due and payable by the Trust;

(iv) the Trust has delivered to the Indenture Trustee an officer’s certificate and an opinion of counsel, each stating that all conditions precedent herein provided for relating to the satisfaction and discharge of the Indenture have been complied with; and

(v) each of the Collateral Administration Agreement and the Capital Contribution Agreement has been terminated.

#### ***Binding Effect of the Indenture***

You and any Financial Intermediary or Holder acting on your behalf agree that the receipt and acceptance of a Note indicates acceptance of the terms and conditions of the Indenture, as it may be supplemented or amended by its terms.

### ***Notes Acquired by Us***

We may, from time to time, purchase some or all of the Notes at any price or prices, in the open market or otherwise. We may hold, sell or cause the Trust to retire any Notes that we purchase. Any Notes we own will have an equal and proportionate benefit under the provisions of the Indenture, without preference, priority or distinction as among those Notes. However, in determining whether the required percentage of Holders of the Notes have given any required demand, authorization, notice, consent or waiver, Notes we own, directly or indirectly, will be deemed not to be outstanding.

Any Notes that we hold may be held as investment and may be sold from time to time in our sole discretion. Pursuant to the Indenture, we have the right to cause any Notes we acquire to be retired by the Trust as described below.

### ***Optional Retirement of Notes Owned by Freddie Mac***

With respect to any Notes owned or acquired by Freddie Mac, Freddie Mac will have the right to cause such Notes, at its option and in its sole discretion, to be retired by the Trust. Freddie Mac will be required to notify the Indenture Trustee of its intention to cause any Notes it owns to be retired by the Trust in writing delivered by e-mail at [ctssfexchanges@citi.com](mailto:ctssfexchanges@citi.com), and in accordance with the requirements set forth in the Indenture, no later than the eighth Business Day of the month in which such retirement is to occur. The notice must set forth the following information: (i) the CUSIP number of each of the Notes to be retired; and (ii) the outstanding Class Principal Balance of each of the Notes to be retired (or if the Notes to be retired are MACR Notes, the outstanding Class Principal Balance of the related Original Notes for which such MACR Notes were exchanged). With respect to any proposed retirement of Notes, the Trust will pay Freddie Mac with respect to the Notes presented for retirement (in each case without regard to any exchanges of Exchangeable Notes for MACR Notes) the Notes Retirement Amount on the related retirement date. The calculation of the Notes Retirement Amount to be paid to Freddie Mac on a retirement date in connection with the retirement of any Notes that is also a Payment Date will be made after giving effect to the allocation on such Payment Date of all Tranche Write-down Amounts, Tranche Write-up Amounts, Modification Gain Amounts, Modification Loss Amounts, Senior Reduction Amounts, Subordinate Reduction Amounts, Supplemental Subordinate Reduction Amounts and Supplemental Senior Increase Amounts. After the payment on the related retirement date of the Notes Retirement Amount for the Notes presented for retirement by Freddie Mac, such Notes shall be deemed retired and no longer outstanding. After the payment of any Notes Retirement Amount on the related retirement date, the amounts of any Return Amount, Transfer Amount and Return Reimbursement Amount owed under the terms of the Collateral Administration Agreement for succeeding Payment Dates will be reduced, as applicable, as a result of the adjustment in the Class Notional Amount of any Class of Reference Tranche corresponding to such retired Notes in connection with the payment of such Notes Retirement Amount. At issuance of the Notes, we will initially retain the credit risk represented by Class M-1AH, Class M-1BH, Class M-2AH and Class M-2BH Reference Tranches. If we were to exercise our option to cause the Trust to retire any Notes that we own, the Class Notional Amount of any of the Class M-1AH, Class M-1BH, Class M-2AH or Class M-2BH Reference Tranches will be increased by the aggregate amount of Notes Retirement Amounts allocated to reduce the Class Notional Amount of the Class M-1A, Class M-1B, Class M-2A or Class M-2B Reference Tranche, respectively, in connection with the retirement of such Notes. We will, therefore, reacquire the credit risk with respect to the Reference Pool represented by such retired Notes.

### ***Third-Party Beneficiaries***

We will be a third-party beneficiary of each agreement or obligation in the Indenture relating to payments to be made by the Trust under the Collateral Administration Agreement, the rights and obligations of the Secured Parties with respect to the Collateral and the priorities of payments established in the Indenture, our rights to receive reports and notices thereunder and of each agreement and obligation in the Indenture and will have the right to enforce such rights, agreements and obligations as though we were a party thereto. The Investment Manager will be a third-party beneficiary of each agreement or obligation in the Indenture relating to investment of funds in the Custodian Account in Eligible Investments under the Investment Management Agreement and the rights of the Investment Manager to receive reports and notices thereunder.

### ***Notice***

Any notice, demand or other communication which by any provision of the Indenture is required or permitted to be given to or served upon any Holder may be given or served in writing by deposit thereof, postage prepaid, in the mail, addressed to such Holder as (i) such Holder's name and address may appear in the register of the Holders maintained by the Indenture Trustee, (ii) in the case of a Holder of a Note maintained on the DTC System, by transmission to such Holder through the DTC communication system or (iii) in the case of a Note deposited with a Common Depositary, by transmission to such Holder through the Common Depositary system. Such notice, demand or other communication to or upon any Holder will be deemed to have been sufficiently given or made, for all purposes, upon mailing or transmission.

Any notice, demand or other communication which is required or permitted to be delivered to us must be given in writing addressed as follows: Freddie Mac, 8200 Jones Branch Drive, McLean, Virginia 22102, Attention: General Counsel and Secretary. The communication will be deemed to have been sufficiently given or made only upon actual receipt of the writing by us.

### ***Governing Law***

The Indenture will be governed by and construed in accordance with the laws of the State of New York and the obligations, rights and remedies of the parties to the Indenture will be determined in accordance with such laws without regard to the conflicts of law provisions thereof (other than section 5-1401 of the General Obligations Law).

### **The Investment Management Agreement**

On the Closing Date, the Trust will enter into the Investment Management Agreement with the Investment Manager, the Administrator and the Sponsor. Pursuant to the Investment Management Agreement, the Trust will appoint the Investment Manager as investment manager for purposes of directing the investment and reinvestment of the Collateral comprised of cash and Eligible Investments.

The investment guidelines set forth in the Investment Management Agreement will specify investment objectives, policies, directions and restrictions to be followed by the Investment Manager in managing the cash and Eligible Investments.

The Administrator will pay the Investment Manager for its services under the Investment Management Agreement.

The Investment Manager will in rendering its services, use a degree of skill and attention no less than that which it exercises with respect to comparable assets that it manages for others who are not subject to registration or other regulation under the Investment Company Act and in a manner which the Investment Manager reasonably believes to be consistent with practices followed by comparable investment managers of national standing investing in assets of the nature and character of the Collateral comprised of cash and Eligible Investments and consistent with the Investment Guidelines and its fiduciary duty, except as otherwise expressly provided for in the Investment Management Agreement. Subject to the immediately preceding sentence, the Investment Manager will generally follow its customary policies, standards and procedures in performing its duties under the Investment Management Agreement. Except as may otherwise be provided by law, the Investment Manager will not be liable to the Trust for (a) any loss that the Trust may suffer by reason of any investment decision made or other action taken or omitted in good faith by the Investment Manager consistent with the foregoing standard of care; (b) any loss arising from the Investment Manager's adherence to the Investment Guidelines; (c) acting in reliance upon any notices or instructions received from the Administrator or other authorized person under the Investment Management Agreement, including instructions communicated via e-mail; or (d) any act or failure to act by the Custodian, any broker or dealer to which the Investment Manager directs transactions or by any other third party. See "*The Administration Agreement*" for a description of our indemnification of the Investment Manager and other Transaction Parties.



## **The Account Control Agreement**

On the Closing Date, the Trust will enter into the Account Control Agreement with the Custodian and the Indenture Trustee. Pursuant to the Account Control Agreement, the Trust will appoint the Custodian as the custodian to hold all Eligible Investments comprised of certificated securities and instruments in physical form at an office in the United States. All certificated securities and instruments will be credited to the Custodian Account.

The proceeds from the sale of the Notes will be deposited in the Custodian Account. The Custodian will (i) receive, hold and transfer the Collateral, (ii) perform all the obligations of the Trust under the Indenture, pursuant to written instructions from the Trust, that relate to such receipt, holding and transfer of the Collateral, and (iii) comply with any written instruction made by the Trust or the Indenture Trustee to the Custodian pursuant to the Indenture and the Account Control Agreement.

Pursuant to the Account Control Agreement, the Custodian, the Trust and the Indenture Trustee will agree that the Custodian Account consists of and will be deemed to consist of a “securities account” (within the meaning of Section 8-501 of the UCC and Article 1(1)(b) of the Hague Securities Convention) with respect to securities and other financial assets held therein and a “deposit account” (within the meaning of Section 9-102 of the UCC) with respect to deposited cash. The Custodian will agree that: (i) it is a “securities intermediary” (within the meaning of Section 8-102(a)(14) of the UCC) and an “intermediary” (within the meaning of Article 1(1)(c) of the Hague Securities Convention) with respect to any financial assets held therein and a “bank” (as defined in Section 9-102(a)(8) of the UCC) with respect to any cash credited thereto, and the Trust is the “entitlement holder” (within the meaning of Section 8-102(a)(7) of the UCC) and the “account holder” (within the meaning of Article 1(1)(d) of the Hague Securities Convention), (ii) each item of property (whether a security, an instrument or any other property, other than cash) credited to any of the Accounts will be treated as a “financial asset” (within the meaning of Section 8-102(a)(9) of the UCC); provided, however, nothing in the Account Control Agreement or the Indenture will require the Custodian to credit to any securities account or to treat as a financial asset (within the meaning of Section 8-102(a)(9) of the UCC) any asset in the nature of a general intangible (as defined in Section 9-102(a)(42) of the UCC) or to “maintain” a sufficient quantity thereof (within the meaning of Section 8-504 of the UCC) and (iii) the Collateral in the Custodian Account and any rights or proceeds derived therefrom will be subject to the liens and other security interests in favor of the Indenture Trustee acting on behalf of the Secured Parties as set forth in the Indenture.

All securities and other financial assets credited to the Custodian Account that are in registered form will be registered in the name of, or payable to or to the order of, the Custodian (not in its individual capacity, but solely as Custodian), or its nominee, indorsed to or to the order of the Custodian (not in its individual capacity, but solely as Custodian) or in blank or credited to another securities account maintained in the name of the Custodian (not in its individual capacity, but solely as Custodian); in no case will any financial asset credited to the Custodian Account be registered in the name of the Trust, payable to the order of the Trust or specially indorsed to the Trust unless the foregoing have been specially indorsed to or to the order of the Custodian or in blank.

Absent receipt of a Notice of Exclusive Control, the Custodian will comply with entitlement orders (as defined in Section 8-102(a)(8) of the UCC) originated by the Trust without further consent by the Indenture Trustee. The Trust, the Indenture Trustee and the Custodian will agree that if at any time the Custodian receives any “entitlement order” (within the meaning of Section 8-102(a)(8) of the UCC), or any other written instruction, originated by the Indenture Trustee pursuant to the Indenture and relating to the Custodian Account, the Custodian will comply with such entitlement order or other written instruction without further consent by the Trust or any other person. If the Indenture Trustee delivers a Notice of Exclusive Control to the Custodian, the Custodian will cease (i) complying with entitlement orders or other directions concerning the Custodian Account originated by the Trust and (ii) distributing to the Trust interest and other distributions on property in the Custodian Account; provided that the Indenture Trustee will not deliver a Notice of Exclusive Control unless an Indenture Event of Default has occurred or a Termination Date has been declared and the Notes have been accelerated pursuant to the terms of the Indenture. The Custodian will have no obligation to act and will be fully protected in refraining from acting, in respect of any such Collateral in the Custodian Account in the absence of such entitlement order or written instruction and will be fully protected in acting on any Notice of Exclusive Control received by it from the Indenture Trustee and will conclusively presume that any such Notice of

Exclusive Control has been properly issued. The Custodian will deposit, and direct or otherwise cause each issuer, obligor, guarantor, clearing corporation or other applicable person to pay and deposit, into the Custodian Account under and in accordance with the Indenture all income, distributions and other cash payments and proceeds in respect of the Collateral which are received by it, until such time as the Indenture Trustee may otherwise direct the Custodian in accordance with the Account Control Agreement and the Indenture.

We will pay the Custodian for its services under the Account Control Agreement pursuant to the Administration Agreement.

### **The Administration Agreement**

Pursuant to the Administration Agreement, we will be required to pay the Fees and Expenses (subject to the relevant Expense Cap) of the Indenture Trustee, Custodian, Exchange Administrator, Investment Manager and Owner Trustee. In addition, the Administration Agreement contains provisions for our indemnification of such parties for any loss, liability or expense incurred except for losses, liabilities or expenses caused or incurred by the willful misfeasance, bad faith, fraud or gross negligence in the performance of its obligations and duties under the Administration Agreement. Under the Administration Agreement and other Basic Documents, each Transaction Party will indemnify certain other Transaction Parties with respect to certain of its actions.

## **THE PARTIES**

### **Freddie Mac as Sponsor and Administrator**

Freddie Mac, a corporate instrumentality of the United States created and existing under the Freddie Mac Act, is the Sponsor of the Trust and will be appointed by the Trust as the Administrator. Freddie Mac's principal office is located at 8200 Jones Branch Drive, McLean, Virginia 22102. Freddie Mac currently has approximately 5,400 employees in the McLean, Virginia headquarters and in regional offices located in New York, New York, Atlanta, Georgia, Chicago, Illinois, Carrollton, Texas and Los Angeles, California. Freddie Mac conducts business in the U.S. secondary mortgage market by working with a national network of experienced single-family seller/servicers to purchase single-family mortgage loans and to set servicing standards for such mortgage loans. Freddie Mac performs in-house quality control reviews of single-family loans but does not directly originate loans or service loans for third-party investors. See *"About Freddie Mac"*.

Prior to the Closing Date, Freddie Mac, as Sponsor, formed the Trust and caused the certificate of trust to be filed with the Secretary of State of the State of Delaware. Pursuant to the Trust Agreement, Freddie Mac, as Sponsor agrees not to take any action which would cause the Trust to become an "investment company" which would be required to register under the Investment Company Act. As Sponsor, Freddie Mac is the sole beneficial owner of the Trust.

The Administrator may assign the Administration Agreement to a corporation or other organization that is a successor (by merger, consolidation or purchase of assets) to the Administrator.

Freddie Mac's senior long-term debt ratings are "AA+" by Standard & Poor's, "Aaa" by Moody's, and "AAA" by Fitch. Its short-term debt ratings are "A-1+" by Standard & Poor's, "P-1" by Moody's and "F1+" by Fitch.

Freddie Mac continues to operate under the conservatorship of the FHFA that commenced on September 6, 2008. From time to time, Freddie Mac is a party to various lawsuits and other legal proceedings arising in the ordinary course of business and is subject to regulatory actions that could materially adversely affect its operations. See *"About Freddie Mac"* and *"Risk Factors — Risks Related to Freddie Mac"*.

The information set forth in this section has been provided by Freddie Mac. No person other than Freddie Mac makes any representation or warranty as to the accuracy or completeness of such information.

## **Indenture Trustee**

Citibank, N.A. is a national banking association and wholly owned subsidiary of Citigroup Inc., a Delaware corporation. Citibank, N.A. performs as Indenture Trustee through the Agency and Trust line of business, a part of Issuer Services. Citibank, N.A. has primary corporate trust offices located in both New York and London. Citibank, N.A. is a leading provider of corporate trust services offering a full range of agency, fiduciary, tender and exchange, depository and escrow services. As of the end of the first quarter of 2023, Citibank's Agency and Trust group manages in excess of \$8 trillion in fixed income and equity investments on behalf of over 3,000 corporations worldwide. Since 1987, Citibank Agency and Trust has provided corporate trust services for asset-backed securities containing pool assets consisting of airplane leases, auto loans and leases, boat loans, commercial loans, commodities, credit cards, durable goods, equipment leases, foreign securities, funding agreement backed note programs, truck loans, utilities, student loans and commercial and residential mortgages. As of the end of the first quarter of 2023, Citibank, N.A. acts as trustee and/or securities administrator for approximately 834 various residential mortgage-backed transactions.

The foregoing information concerning the Indenture Trustee has been provided by Citibank. None of the Sponsor, the Initial Purchasers, the Owner Trustee or any of their affiliates takes any responsibility for this information or makes any representation or warranty as to its accuracy or completeness.

At all times, the Indenture Trustee will be required to satisfy the following eligibility criteria: a corporation or national banking association organized and doing business under the laws of the United States or of any State, authorized under such laws to exercise corporate trust powers, having a combined capital and surplus of at least U.S. \$50,000,000, having a long-term unsecured debt rating or long-term issuer rating that is at least investment grade from at least one NRSRO and subject to supervision or examination by federal or state authority. If such corporation or national banking association publishes reports of condition at least annually, pursuant to law or to the requirements of the aforesaid supervising or examining authority, then for purposes of determining eligibility, the combined capital and surplus of such corporation or national banking association will be deemed to be its combined capital and surplus as set forth in its most recent report of condition so published. If at any time the Indenture Trustee ceases to be eligible in accordance with the foregoing criteria, the Indenture will require the Indenture Trustee to give notice immediately of resignation, such resignation to be effective in no more than 30 days subject only to the designation of a replacement Indenture Trustee as described in “— *Resignation and Removal of the Indenture Trustee; Appointment of Successor*” below. On the Closing Date, Citibank will be the Indenture Trustee.

We may maintain other banking relationships in the ordinary course of business with the Indenture Trustee. The payment of the fees and expenses of the Indenture Trustee is solely our obligation.

### ***Resignation and Removal of the Indenture Trustee; Appointment of Successor***

The Indenture Trustee may resign at any time by giving written notice to the Trust, the Holders and us. Upon receiving such notice of resignation, the Trust will promptly appoint a successor trustee or trustees by written instrument, in duplicate, executed by an authorized officer of the Trust on behalf of the Trust, one original copy of which will be delivered to the Indenture Trustee so resigning and one original copy to the successor trustee or trustees, together with a copy to each Holder; provided that such successor indenture trustee will be appointed only upon the written consent of Holders of not less than a majority of the outstanding Class Principal Balance of the Original Notes (without giving effect to exchanges). If no successor indenture trustee is appointed and an instrument of acceptance by a successor indenture trustee is not delivered to the Indenture Trustee within 30 days' after the giving of such notice of resignation, the resigning Indenture Trustee, the Trust or any Holder may, petition any court of competent jurisdiction for the appointment of a successor indenture trustee.

The Indenture Trustee may be removed (i) at any time by Holders of not less than 66-2/3% of the aggregate outstanding Class Principal Balance of the Original Notes (without giving effect to exchanges), (ii) at any time when an Indenture Event of Default has occurred and is continuing or when a successor indenture trustee has been appointed at any time the Indenture Trustee ceases to be eligible as described in “*The Parties — Indenture Trustee*” above, by Holders of not less than a majority of the aggregate outstanding Class Principal Balance of the Original Notes (without giving effect to exchanges), by 30 days prior written notice delivered to the Indenture

Trustee and to the Trust or (iii) at any time when (1) an Indenture Trustee payment-related Indenture Event of Default has occurred and is continuing or (2) the Indenture Trustee fails to deliver the Payment Date Statement to Freddie Mac by written notice delivered to the Indenture Trustee and to the Trust.

If at any time:

(i) the Indenture Trustee ceases to be eligible and fails to resign after written request by the Trust or by any Holder; or

(ii) the Indenture Trustee becomes incapable of acting or is adjudged as bankrupt or insolvent or a receiver or liquidator of the Indenture Trustee or of its property is appointed or any public officer takes charge or control of the Indenture Trustee or of its property or affairs for the purpose of rehabilitation, conservation or liquidation, then, in any such case (A) the Trust, by written order or request of the Trust, may remove the Indenture Trustee, (B) any Holder may, on behalf of itself and all others similarly situated, petition any court of competent jurisdiction for the removal of the Indenture Trustee and the appointment of a successor Indenture Trustee, or (C) Freddie Mac may remove the Indenture Trustee.

If the Indenture Trustee resigns, is removed or becomes incapable of acting for any reason, the Trust, by written order or request, will promptly appoint a successor Indenture Trustee. If the Trust fails to appoint a successor indenture trustee within 60 days after such resignation, removal or incapability, a successor indenture trustee may be appointed by a majority of the aggregate outstanding Class Principal Balance of the Original Notes (without giving effect to exchanges) by written notice delivered to the Trust and the retiring Indenture Trustee. If no successor indenture trustee is so appointed by the Trust or such Holders and has accepted appointment in the manner set forth in the Indenture, any Holder may, on behalf of itself and all others similarly situated, petition any court of competent jurisdiction for the appointment of a successor indenture trustee.

### **Custodian**

BNY Mellon is the Custodian under the Account Control Agreement. BNY Mellon is a New York banking corporation, and it has served as custodian for numerous transactions. The offices of BNY Mellon are located at 240 Greenwich Street, Floor 7, New York, New York 10286, Attention: Asset Backed Securities Unit — STACR 2023-HQA1.

### ***Resignation and Removal of the Custodian; Appointment of Successor***

The Custodian may resign or be removed or replaced, as applicable, in accordance with the terms of the Indenture and the Account Control Agreement and a successor custodian designation and appointment will be deemed accepted upon the effective appointment of such successor Custodian.

### **Investment Manager**

BlackRock will act as the Investment Manager. BlackRock provides investment management services to institutional clients such as funds, corporations, public entities, foundations, endowments and other institutions (and occasionally individuals). BlackRock is a wholly-owned subsidiary of BlackRock, Inc. As of March 31, 2023, BlackRock, Inc. had approximately \$9.1 trillion in assets under management. BlackRock is a registered investment adviser pursuant to the Investment Advisers Act of 1940.

### **Owner Trustee**

Wilmington Trust, National Association will act as the Owner Trustee. Wilmington Trust, National Association — also referred to herein as the “owner trustee” — is a national banking association with trust powers incorporated under the federal laws of the United States. The issuing entity owner trustee’s principal place of business is located at 1100 North Market Street, Wilmington, Delaware 19890. Wilmington Trust, National Association is an affiliate of Wilmington Trust Company and both Wilmington Trust, National Association and Wilmington Trust Company are subsidiaries of M&T Bank Corporation. Since 1998, Wilmington Trust Company has served as owner trustee in numerous asset-backed securities transactions involving residential mortgages.

Wilmington Trust, National Association is subject to various legal proceedings that arise from time to time in the ordinary course of business. Wilmington Trust, National Association does not believe that the ultimate resolution of any of these proceedings will have a materially adverse effect on its services as owner trustee.

Other than the above two paragraphs, Wilmington Trust, National Association has not participated in the preparation of, and is not responsible for, any other information contained in this Memorandum.

The Owner Trustee must at all times (i) be a bank or trust company satisfying the provisions of Section 3807(a) of the Delaware Trust Statute; (ii) be authorized to exercise corporate trust powers; (iii) have, or have a parent that has, a combined capital and surplus of at least \$50,000,000; (iv) not be an Affiliate of the Sponsor; and (v) be subject to supervision or examination by federal or state authorities. If such corporation is required to publish reports of condition at least annually, pursuant to law or to the requirements of the aforesaid supervising or examining authority, then for the purpose of satisfying such requirements, the combined capital and surplus of such corporation will be deemed to be its combined capital and surplus as set forth in its most recent report of condition so published. In case at any time the Owner Trustee ceases to be eligible in accordance with the provisions of the Trust Agreement, the Owner Trustee will resign immediately in the manner and with the effect specified in the Trust Agreement.

### **Exchange Administrator**

Citibank will act as the Exchange Administrator. The Exchange Administrator will perform certain administrative functions with respect to exchanging Exchangeable Notes for MACR Notes and vice versa (including any exchanges of a Class of MACR Notes for other Classes of MACR Notes), as described in “*MACR Notes — Exchange Procedures*”.

The Exchange Administrator will, among other duties set forth in the Indenture, administer all exchanges of Exchangeable Notes for MACR Notes (including any exchanges of a Class of MACR Notes for other Classes of MACR Notes) and vice versa, which will include receiving notices of requests for such exchanges from Noteholders, accepting the Notes to be exchanged, and giving notice to the Indenture Trustee of all such exchanges. The Indenture Trustee will make all subsequent payments in accordance with such notice, unless notified of a subsequent exchange by the Exchange Administrator.

The Exchange Administrator may resign immediately at any time by giving written notice thereof to us and the Noteholders; provided, however, that in the event of Citibank’s resignation or removal as Indenture Trustee pursuant to the Indenture such notice will not be required and such resignation or removal will occur at the same time as the resignation or removal of Citibank as Indenture Trustee. We may terminate the Exchange Administrator at any time upon 30 days’ written notice. No resignation or removal of the Exchange Administrator and no appointment of a successor exchange administrator will become effective until the acceptance of appointment by a successor exchange administrator.



## HISTORICAL INFORMATION

Loan-level credit performance data on a portion of fully amortizing, fixed-rate, single-family mortgage loans, that we purchased or included in securities that we guaranteed between January 1, 1999 and September 30, 2022 are available online at <https://www.freddiemac.com/research/datasets/sf-loanlevel-dataset>. The Single Family Loan-Level Dataset provides actual loss data and monthly loan performance data, including credit performance information up to and including property disposition, through December 31, 2022. Specific credit performance information in the dataset includes voluntary prepayments and loans that were foreclosure alternatives and REOs. Specific actual loss data in the dataset includes net sales proceeds, mortgage insurance recoveries, non-mortgage insurance recoveries, expenses, current deferred UPB, and due date of last paid installment. Access to this web address is unrestricted and free of charge. The various mortgage loans for which performance information is shown at the above internet address had initial characteristics that differed, and may have differed in ways that were material to the performance of those mortgage loans. These differing characteristics include, among others, product type, credit quality, geographic concentration, average principal balance, weighted average interest rate, weighted average LTV ratio and weighted average term to maturity. The information in the Single Family Loan-Level Dataset is unaudited and subject to change. We cannot guarantee the dataset is complete or error free. None of us, the Initial Purchasers, the Indenture Trustee or the Exchange Administrator make any representation, and you should not assume, that the performance information shown at the above internet address is in any way indicative of the performance of the Reference Obligations.

The Single Family Loan-Level Dataset is not to be construed as securities disclosure and is not part of this Memorandum. Various factors may affect the prepayment, delinquency and loss performance of the mortgage loans over time.

The Reference Obligations may not perform in the same manner as the mortgage loans in the Single Family Loan-Level Dataset as a result of the various credit and servicing standards we have implemented over time. Due to adverse market and economic conditions, and based in part on our reviews of the underwriting quality for loans originated in 2005 through 2008, we implemented several credit changes since 2008. These credit changes are defined by specified criteria such as LTV ratio, Credit Score and DTI ratio. We cannot predict how these credit changes will affect the performance of the Reference Obligations compared to the performance of prior vintages of mortgage loans. See also *“Risk Factors — Risks Related to the Notes Being Linked to the Reference Pool — Risks Associated with Mortgage Loan Purchasing and Servicing Generally”*.

## PREPAYMENT AND YIELD CONSIDERATIONS

### Credit Events and Modification Events

The number and timing of Credit Events and Modification Events on the Reference Obligations and the actual losses realized with respect thereto will affect the yield on the Notes. Credit Events and Modification Events can be caused by, but not limited to, mortgagor mismanagement of credit and unforeseen events. The rate of delinquencies on refinanced mortgage loans may be higher than for other types of mortgage loans. Furthermore, the rate and timing of Credit Events and Modification Events and the actual losses realized with respect thereto on the Reference Obligations will be affected by the general economic condition of the region of the country in which the related mortgaged properties are located. The risk of Credit Events and Modification Events is greater and prepayments are less likely in regions where a weak or deteriorating economy exists, as may be evidenced by, among other factors, increasing unemployment or falling property values. The yield on any Class of Notes and the rate and timing of Credit Events and Modification Events on the Reference Obligations may also be affected by servicing decisions by the applicable servicer, including decisions relating to charge off or modification of a Reference Obligation in connection with the relief programs we initiate or otherwise. See *“Risk Factors — Special Risks — The COVID-19 Pandemic Affected, and Potentially for the Foreseeable Future May Continue to Affect, the Business and Financial Results of Freddie Mac, General Economic Conditions and the Housing Market, Which May Adversely Affect Your Investment”*.

## Prepayment Considerations and Risks

The rate of principal payments on the Notes and the yield to maturity (or to early redemption) of Notes purchased at a price other than par are directly related to the rate and timing of payments of principal on the Reference Obligations. The principal payments on the Reference Obligations may be in the form of scheduled principal or unscheduled principal. Any unscheduled principal payments on the Reference Obligations may result in the acceleration of principal payments to the Noteholders that would otherwise be distributed over the remaining term of the Reference Obligations.

The rate at which mortgage loans in general prepay may be influenced by a number of factors, including general economic conditions, mortgage market interest rates, availability of mortgage funds, the value of the mortgaged property and the mortgagor's net equity therein, solicitations, servicer decisions and homeowner mobility.

- In general, if prevailing mortgage interest rates fall significantly below the mortgage rates on the Reference Obligations, the Reference Obligations are likely to prepay at higher rates than if prevailing mortgage interest rates remain at or above the mortgage rates on the Reference Obligations.
- Conversely, if prevailing mortgage interest rates rise above the mortgage rates on the Reference Obligations, the rate of prepayment would be expected to decrease.

The timing of changes in the rate of prepayments may significantly affect your actual yield to maturity, even if the average rate of principal prepayments is consistent with your expectations. In general, the earlier the payment of principal of the Reference Obligations the greater the effect on your yield to maturity. If you hold any Interest Only MACR Notes and principal payments allocated to the related Exchangeable Notes occur at a faster rate than you assumed, your actual yield to maturity will be lower than assumed or you may not even recover your investments in such Interest Only MACR Notes. As a result, the effect on your yield due to principal prepayments occurring at a rate higher (or lower) than the rate you anticipate during the period immediately following the issuance of the Notes may not be offset by a subsequent like reduction (or increase) in the rate of principal prepayments. You should also consider the risk, in the case of a Note purchased at a discount, that a slower than anticipated rate of payments in respect of principal (including prepayments) on the Reference Obligations will have a negative effect on the yield to maturity of such Note. You should also consider the risk, in the case of a Note purchased at a premium, that a faster than anticipated rate of payments in respect of principal (including prepayments) on the Reference Obligations will have a negative effect on the yield to maturity of such Note. You must make decisions as to the appropriate prepayment assumptions to be used in deciding whether to purchase Notes.

In addition, we may purchase or otherwise acquire some or all of any Class of Notes at any price or prices, in the open market or otherwise. Pursuant to the Indenture, we have the right to cause any Notes we acquire to be retired by the Trust. The timing and frequency of any retirement of Notes by the Trust could affect the liquidity of the Notes that remain outstanding after such retirement by reducing the availability of such Notes in the secondary market; any such change in the liquidity of such Notes could adversely affect prices for such Notes. See *"The Agreements — The Indenture — Optional Retirement of Notes Owned by Freddie Mac"*.

A mortgagor may make a full or partial prepayment on a mortgage loan at any time without paying a penalty. A mortgagor may fully prepay a mortgage loan for several reasons, including an early payoff, a sale of the related mortgaged property or a refinancing of the mortgage loan. A mortgagor who makes a partial prepayment of principal may request that the monthly principal and interest installments be recalculated, provided that the monthly payments are current. Any recalculation of payments must be documented by a modification agreement. The recalculated payments cannot result in an extended maturity date or a change in the interest rate. The rate of payment of principal may also be affected by any Reference Pool Removals. See *"Summary — Reference Pool"*. We may also remove Reference Obligations from the Reference Pool because they do not satisfy the Eligibility Criteria.

The Reference Obligations will typically include "due-on-sale" clauses which allow the holder of such Reference Obligation to demand payment in full of the remaining principal balance upon sale or certain transfers of the property securing such Reference Obligation.

Acceleration of Reference Obligations as a result of enforcement of “due-on-sale” provisions in connection with transfers of the related mortgaged properties or the occurrence of certain other events resulting in acceleration would affect the level of prepayments on the Reference Obligations, which in turn would affect the Weighted Average Lives of the Classes of Notes.

In recent years, modifications and other default resolution procedures other than foreclosure, such as deeds in lieu of foreclosure and short sales, have become more common and those servicing decisions, rather than foreclosure, may affect the rate of principal prepayments on the Reference Obligations.

In addition, in the event that a Reference Obligation in the Reference Pool is refinanced in the future under the Enhanced Relief Refinance Program and is replaced with the corresponding Enhanced Relief Refinance Reference Obligation, you should expect that a prepayment in full of such refinanced Reference Obligation may not occur and that such corresponding Enhanced Relief Refinance Reference Obligation will remain in the Reference Pool until the occurrence of a Reference Pool Removal. Conversely, if any Reference Obligation in the Reference Pool is not permitted to be replaced with a corresponding Enhanced Relief Refinance Reference Obligation, you should expect that a prepayment in full of such refinanced Reference Obligation will occur upon the refinancing of such Reference Obligation.

You should understand that the timing of changes in the SOFR Rate may affect the actual yields on the Notes (other than the Interest Only MACR Notes) even if the average rate of the SOFR Rate is consistent with your expectations. You must make an independent decision as to the appropriate SOFR Rate assumptions to be used in deciding whether to purchase a Note.

### **MACR Notes**

The payment characteristics and experiences of the MACR Notes reflect the payment characteristics of the related Exchangeable Notes that may be exchanged for such MACR Notes. Accordingly, investors in the MACR Notes should consider the prepayment and yield considerations described herein of the related Exchangeable Notes as if they were investing directly in such Exchangeable Notes. In addition, if investors purchase Interest Only MACR Notes and principal payments allocated to the related Class or Classes of Exchangeable Notes occur at a faster rate than such investors assumed, such investors’ actual yield to maturity will be lower than assumed or such investors may not even recover their investments in such MACR Notes.

### **Assumptions Relating to Weighted Average Life Tables, Declining Balances Tables, Credit Event Sensitivity Tables, Cumulative Note Write-down Amount Tables and Yield Tables**

The tables on the following pages have been prepared on the basis of the following Modeling Assumptions:

- (a) The Reference Obligations consist of the assumed mortgage loans having the characteristics shown in Appendix C;
- (b) the original Class Principal Balances for the Original Notes are as set forth or described in Table 1, the maximum Class Principal Balances or Notional Principal Amounts, as applicable, for the MACR Notes are as set forth or described in Table 1 and the Class Coupons for each of the Classes of Notes and Reference Tranches are as set forth or described in Table 1;
- (c) the scheduled monthly payment for each Reference Obligation is based on its outstanding principal balance, per annum interest rate and remaining term to maturity so that it will fully amortize in amounts sufficient for the repayment thereof over its remaining term to maturity;
- (d) (i) other than with respect to the Declining Balances Tables, the Reference Obligations experience Credit Events at the indicated CER percentages, there is no lag between the related Credit Event Amounts and the application of any related Recovery Principal, the Preliminary Principal Loss Amount is equal to 25% of the Credit Event Amount; and (ii) with respect to the Declining Balances Tables, the Reference Obligations do not experience any Credit Events;
- (e) the Delinquency Test is satisfied for each Payment Date;
- (f) each monthly payment of scheduled principal and interest on the Reference Obligations is timely received on the last day of each month beginning in April 2023;

(g) principal prepayments in full on the Reference Obligations are received, together with 30 days' interest thereon, on the last day of each month beginning in April 2023;

(h) there are no partial principal prepayments on the Reference Obligations;

(i) the Reference Obligations prepay at the indicated CPR percentages;

(j) no Reference Obligations are purchased or removed from, or reinstated to, the Reference Pool and no mortgage loans are substituted for the Reference Obligations included in the Reference Pool on the Closing Date;

(k) (i) with respect to the Declining Balances Tables and the Credit Event Sensitivity Tables, the Reference Obligations do not experience Modification Events; and (ii) with respect to the Weighted Average Life Tables, the Cumulative Note Write-down Amount Tables and the Yield Tables that have RM percentages greater than zero: (x) all Modification Events are effective as of the first day of the first month corresponding to the Reporting Period for all principal collections, other than full prepayments, for the first Payment Date and continue through the Scheduled Maturity Date; (y) RM are applied to all Reference Obligations at the indicated RM percentages; and (z) Modification Loss Amounts for the Payment Date in June 2023 will be the sum of (I) the Modification Loss Amounts calculated as of April 1, 2023 based on the UPB of the Reference Obligations as of the Cut-off Date and (II) the Modification Loss Amounts calculated as of May 1, 2023 based on the UPB of the Reference Obligations as of April 30, 2023;

(l) there are no data corrections in connection with the Reference Obligations;

(m) there is no early redemption (except as specified in the tables, occurring, if applicable, on the earlier of: (i) the Payment Date occurring in May 2028 and (ii) the first Payment Date in which the aggregate UPB of the Reference Obligations is less than or equal to 10% of the Cut-off Date Balance of the Reference Pool, otherwise no early redemption occurs);

(n) there are no Reversed Credit Event Reference Obligations, Modification Gain Amounts or Origination Rep and Warranty/Servicing Breach Settlement Amounts;

(o) the Projected Recovery Amount is equal to zero;

(p) the Original Notes are issued on May 22, 2023;

(q) cash payments on the Notes are received on the 25<sup>th</sup> day of each month beginning in June 2023 as described under "*Description of The Notes*";

(r) the SOFR Rate is assumed to remain constant at 4.92280% per annum;

(s) each Class of Notes is outstanding from the Closing Date to retirement, no exchanges occur and Freddie Mac does not exercise its option to cause any Notes it owns to be retired by the Trust; and

(t) no Enhanced Relief Refinance Reference Obligations are created and included in the Reference Pool.

Although the characteristics of the Reference Obligations for the Weighted Average Life Tables, Declining Balances Tables, Credit Event Sensitivity Tables, Cumulative Note Write-down Amount Tables and Yield Tables have been prepared on the basis of the weighted average characteristics of the mortgage loans that are expected to be in the Reference Pool, there is no assurance that the Modeling Assumptions will reflect the actual characteristics or performance of the Reference Obligations or that the performance of the Notes will conform to the results set forth in the tables.

### **Weighted Average Lives of the Notes**

We have calculated the Weighted Average Lives for each Class of Interest Only MACR Notes assuming that a reduction in its Notional Principal Amount is a reduction in Class Principal Balance. The Weighted Average Lives of the Notes will be influenced by, among other things, the rate at which principal of the Reference Obligations is actually paid by the related mortgagor, the timing of changes in such rate of principal payments and the timing and rate of allocation of Tranche Write-down Amounts and Tranche Write-up Amounts

to the Notes. The interaction of the foregoing factors may have different effects on each Class of Notes and the effects on any such Class may vary at different times during the life of such Class. Accordingly, no assurance can be given as to the Weighted Average Life of any Class of Notes. For an example of how the Weighted Average Lives of the Notes are affected by the foregoing factors at various rates of prepayment and Credit Events, see the Weighted Average Life Tables and Declining Balances Tables set forth below.

Prepayments on mortgage loans are commonly measured relative to a constant prepayment standard or model. The model used in this Memorandum for the Reference Obligations is a CPR. CPR assumes that the outstanding principal balance of a pool of mortgage loans prepays at a specified constant annual rate. In projecting monthly cashflows, this rate is converted to an equivalent monthly rate.

CPR does not purport to be either a historical description of the prepayment experience of mortgage loans or a prediction of the anticipated rate of prepayment of any mortgage loans, including the Reference Obligations. The percentages of CPR in the tables below do not purport to be historical correlations of relative prepayment experience of the Reference Obligations or predictions of the anticipated relative rate of prepayment of the Reference Obligations. Variations in the prepayment experience and the principal balance of the Reference Obligations that prepay may increase or decrease the percentages of original Class Principal Balances and initial Notional Principal Amounts (and Weighted Average Lives) shown in the Declining Balances Tables below and may affect the Weighted Average Lives shown in the Weighted Average Life Tables below. Such variations may occur even if the average prepayment experience of all such Reference Obligations equals any of the specified percentages of CPR.

It is highly unlikely that the Reference Obligations will have the precise characteristics referred to in this Memorandum or that they will prepay or experience Credit Events or Modification Events at any of the rates specified or times assumed, as applicable, or that Credit Events or Modification Events will be incurred according to one particular pattern. The Weighted Average Life Tables, Credit Event Sensitivity Tables, Cumulative Note Write-down Amount Tables and Yield Tables below assume a constant rate of Reference Obligations becoming Credit Event Reference Obligations each month relative to the then-outstanding aggregate principal balance of the Reference Obligations. This assumed Credit Event Rate (or “CER”) does not purport to be either a historical description of the default experience of the Reference Obligations or a prediction of the anticipated rate of defaults on the Reference Obligations. The rate and extent of actual defaults experienced on the Reference Obligations are likely to differ from those assumed and may differ significantly. A Credit Event Rate of 1% assumes Reference Obligations become Credit Event Reference Obligations at an annual rate of 1% which remains constant through the remaining lives of such Reference Obligations. Further, it is unlikely the Reference Obligations will become Credit Event Reference Obligations at any specified Credit Event Rate.

The Weighted Average Life Tables, the Cumulative Note Write-down Amount Tables and the Yield Tables with interest RM percentages greater than 0% have been prepared on the basis of the Modeling Assumptions described above under “— *Assumptions Relating to Weighted Average Life Tables, Declining Balances Tables, Credit Event Sensitivity Tables, Cumulative Note Write-down Amount Tables and Yield Tables*”. These RM percentages do not purport to be either a historical description of the default, modification or cure experience of the Reference Obligations or a prediction of the anticipated rate of defaults, modifications or cures of the Reference Obligations. The rate and extent of actual modifications experienced on the Reference Obligations are likely to differ from those assumed and may differ significantly. A Modification Event with a RM percentage of 2% assumes the gross coupon of the Reference Obligations is reduced by 2% and such Modification Event remains in effect through the remaining lives of such Reference Obligations. Further, it is unlikely the Reference Obligations will experience Modification Events at any specified percentage.

The Weighted Average Life Tables and the Declining Balances Tables have been prepared on the basis of the Modeling Assumptions described above under “— *Assumptions Relating to Weighted Average Life Tables, Declining Balances Tables, Credit Event Sensitivity Tables, Cumulative Note Write-down Amount Tables and Yield Tables*”. There will likely be discrepancies between the characteristics of the actual mortgage loans included in Reference Pool and the characteristics of the hypothetical mortgage loans assumed in preparing the Weighted Average Life Tables and the Declining Balances Tables. Any such discrepancy may have an adverse effect upon the percentages of original Class Principal Balances and initial Notional Principal Amounts outstanding set forth in the Declining Balances Tables (and the Weighted Average Lives of the Notes set forth in



the Weighted Average Life Tables and the Declining Balances Tables). In addition, to the extent that the mortgage loans that actually are included in the Reference Pool have characteristics that differ from those assumed in preparing the following Declining Balances Tables, the Class Principal Balance or Notional Principal Amount, as applicable, of a Class of Notes could be reduced to zero earlier or later than indicated by the applicable Declining Balances Table.

Furthermore, the information contained in the Weighted Average Life Tables and the Declining Balances Tables with respect to the Weighted Average Life of any Note is not necessarily indicative of the Weighted Average Life of that Class of Notes that might be calculated or projected under different or varying prepayment assumptions.

It is not likely that all of the Reference Obligations will have the interest rates or remaining terms to maturity assumed or that the Reference Obligations will prepay at the indicated CPR percentages or experience Credit Events at the indicated CER percentages. In addition, the diverse remaining terms to maturity of the Reference Obligations could produce slower or faster reductions of the Class Principal Balances and Notional Principal Amounts than indicated in the Declining Balances Tables at the various CPR percentages specified.

### Weighted Average Life Tables

Based upon the Modeling Assumptions, the following Weighted Average Life Tables indicate the projected Weighted Average Lives in years of each Class of Notes shown at various CPR percentages, CER percentages and RM percentages.

		Class M-1A Weighted Average Life (years)											
CER	RM	To Scheduled Maturity Date						To Early Redemption Date					
		CPR Prepayment Assumption						CPR Prepayment Assumption					
		0%	5%	10%	15%	25%	35%	0%	5%	10%	15%	25%	35%
0.00%	0.00%	5.24	1.82	1.05	0.72	0.42	0.28	3.87	1.82	1.05	0.72	0.42	0.28
0.25%	0.00%	9.04	2.29	1.22	0.82	0.49	0.34	4.52	2.29	1.22	0.82	0.49	0.34
0.50%	0.00%	18.87	3.37	1.55	1.02	0.54	0.34	4.94	3.13	1.55	1.02	0.54	0.34
1.00%	0.00%	18.89	13.51	6.71	4.43	2.18	1.21	4.94	4.77	4.60	4.04	2.18	1.21
1.50%	0.00%	11.50	17.97	7.74	4.55	2.61	1.66	4.94	4.77	4.60	4.24	2.61	1.66
2.50%	0.00%	6.42	8.09	13.69	8.28	3.00	2.10	5.01	5.01	5.01	4.96	3.00	2.10
3.00%	0.00%	5.25	6.26	8.40	11.59	3.03	2.07	4.89	5.01	5.01	5.01	3.03	2.07
5.00%	0.00%	3.01	3.30	3.71	4.35	7.28	2.37	3.01	3.30	3.71	4.30	4.95	2.37
0.00%	0.01%	5.77	1.93	1.12	0.79	0.49	0.34	4.01	1.93	1.12	0.79	0.49	0.34
0.50%	0.03%	19.67	6.17	2.69	1.56	0.64	0.38	4.94	4.17	2.68	1.56	0.64	0.38
1.00%	0.10%	16.11	15.99	6.69	4.65	2.65	1.67	4.94	4.77	4.60	4.27	2.65	1.67

		Class M-1B Weighted Average Life (years)											
CER	RM	To Scheduled Maturity Date						To Early Redemption Date					
		CPR Prepayment Assumption						CPR Prepayment Assumption					
		0%	5%	10%	15%	25%	35%	0%	5%	10%	15%	25%	35%
0.00%	0.00%	13.93	6.17	3.66	2.54	1.51	1.02	5.01	4.85	3.65	2.54	1.51	1.02
0.25%	0.00%	18.78	7.92	4.29	2.85	1.63	1.11	5.01	5.01	4.10	2.85	1.63	1.11
0.50%	0.00%	20.01	10.84	5.19	3.38	1.90	1.25	5.01	5.01	4.56	3.38	1.90	1.25
1.00%	0.00%	12.46	18.90	12.07	8.69	5.30	3.64	5.01	5.01	5.01	5.01	4.79	3.64
1.50%	0.00%	7.65	10.33	15.64	9.19	5.30	3.69	5.01	5.01	5.01	5.01	4.76	3.68
2.50%	0.00%	4.35	5.00	6.12	9.79	5.76	3.61	4.32	4.68	4.92	5.01	4.70	3.60
3.00%	0.00%	3.58	3.99	4.62	5.82	7.60	3.57	3.58	3.99	4.44	4.78	4.94	3.56
5.00%	0.00%	2.07	2.20	2.36	2.57	3.37	5.23	2.07	2.20	2.36	2.57	3.37	4.17
0.00%	0.01%	14.85	6.46	3.79	2.63	1.59	1.10	5.01	4.89	3.76	2.63	1.59	1.10
0.50%	0.03%	20.01	12.84	7.13	4.77	2.54	1.62	5.01	5.01	5.01	4.54	2.54	1.62
1.00%	0.10%	10.10	16.64	13.29	8.68	5.38	3.73	5.01	5.01	5.01	5.01	4.79	3.72

		Class M-2, M-2R, M-2S, M-2T, M-2U and M-2I Weighted Average Life (years)											
CER	RM	To Scheduled Maturity Date						To Early Redemption Date					
		CPR Prepayment Assumption						CPR Prepayment Assumption					
		0%	5%	10%	15%	25%	35%	0%	5%	10%	15%	25%	35%
0.00%	0.00%	19.10	10.29	6.31	4.42	2.64	1.80	5.01	5.01	5.01	4.40	2.64	1.80
0.25%	0.00%	20.01	13.63	7.60	5.05	2.89	1.92	5.01	5.01	5.01	4.80	2.89	1.92
0.50%	0.00%	18.66	18.86	9.55	5.85	3.16	2.14	5.01	5.01	5.01	4.99	3.16	2.14
1.00%	0.00%	7.94	10.74	18.35	13.38	7.77	4.88	5.01	5.01	5.01	5.01	5.01	4.79
1.50%	0.00%	5.06	5.96	7.67	13.80	9.51	6.44	4.83	5.00	5.01	5.01	5.01	4.84
2.50%	0.00%	2.93	3.19	3.55	4.10	8.60	6.96	2.93	3.19	3.55	4.09	4.98	4.76
3.00%	0.00%	2.41	2.59	2.81	3.12	4.46	6.92	2.41	2.59	2.81	3.12	4.28	4.68
5.00%	0.00%	1.40	1.46	1.52	1.60	1.82	2.23	1.40	1.46	1.52	1.60	1.82	2.23
0.00%	0.01%	19.68	10.79	6.54	4.53	2.74	1.89	5.01	5.01	5.01	4.50	2.74	1.89
0.50%	0.03%	17.93	19.24	10.92	7.23	3.92	2.68	5.01	5.01	5.01	5.01	3.92	2.68
1.00%	0.10%	6.48	8.47	15.82	15.33	7.94	5.51	5.01	5.01	5.01	5.01	5.01	4.93

**Class M-2A, M-2AR, M-2AS, M-2AT, M-2AU and M-2AI**  
**Weighted Average Life (years)**

<b>CER</b>	<b>RM</b>	<b>To Scheduled Maturity Date</b>						<b>To Early Redemption Date</b>					
		<b>CPR Prepayment Assumption</b>						<b>CPR Prepayment Assumption</b>					
		<b>0%</b>	<b>5%</b>	<b>10%</b>	<b>15%</b>	<b>25%</b>	<b>35%</b>	<b>0%</b>	<b>5%</b>	<b>10%</b>	<b>15%</b>	<b>25%</b>	<b>35%</b>
0.00%	0.00%	18.40	9.50	5.78	4.04	2.41	1.64	5.01	5.01	5.01	4.04	2.41	1.64
0.25%	0.00%	20.01	12.49	6.91	4.59	2.64	1.76	5.01	5.01	5.01	4.59	2.64	1.76
0.50%	0.00%	19.99	17.75	8.54	5.27	2.90	1.96	5.01	5.01	5.01	4.98	2.90	1.96
1.00%	0.00%	8.61	12.06	19.22	12.30	7.38	4.66	5.01	5.01	5.01	5.01	5.01	4.66
1.50%	0.00%	5.47	6.53	8.69	17.50	8.16	5.70	5.01	5.01	5.01	5.01	5.01	4.84
2.50%	0.00%	3.16	3.46	3.89	4.57	11.42	5.58	3.16	3.46	3.89	4.56	5.01	4.76
3.00%	0.00%	2.60	2.80	3.07	3.44	5.22	5.57	2.60	2.80	3.07	3.44	4.86	4.68
5.00%	0.00%	1.51	1.58	1.65	1.74	2.01	2.54	1.51	1.58	1.65	1.74	2.01	2.54
0.00%	0.01%	19.36	9.95	6.00	4.15	2.50	1.73	5.01	5.01	5.01	4.15	2.50	1.73
0.50%	0.03%	19.68	18.46	10.05	6.69	3.64	2.49	5.01	5.01	5.01	5.01	3.64	2.49
1.00%	0.10%	6.98	9.37	19.42	12.85	7.53	5.28	5.01	5.01	5.01	5.01	5.01	4.93

**Class M-2B, M-2BR, M-2BS, M-2BT, M-2BU, M-2BI,**  
**M-2RB\*, M-2SB\*, M-2TB\* and M-2UB\***  
**Weighted Average Life (years)**

<b>CER</b>	<b>RM</b>	<b>To Scheduled Maturity Date</b>						<b>To Early Redemption Date</b>					
		<b>CPR Prepayment Assumption</b>						<b>CPR Prepayment Assumption</b>					
		<b>0%</b>	<b>5%</b>	<b>10%</b>	<b>15%</b>	<b>25%</b>	<b>35%</b>	<b>0%</b>	<b>5%</b>	<b>10%</b>	<b>15%</b>	<b>25%</b>	<b>35%</b>
0.00%	0.00%	19.81	11.07	6.84	4.79	2.87	1.96	5.01	5.01	5.01	4.77	2.87	1.96
0.25%	0.00%	20.01	14.78	8.30	5.51	3.14	2.09	5.01	5.01	5.01	5.01	3.14	2.09
0.50%	0.00%	17.32	19.98	10.56	6.44	3.43	2.31	5.01	5.01	5.01	5.01	3.43	2.31
1.00%	0.00%	7.27	9.42	17.47	14.46	8.15	5.10	5.01	5.01	5.01	5.01	5.01	4.92
1.50%	0.00%	4.66	5.38	6.64	10.09	10.87	7.18	4.66	5.00	5.01	5.01	5.01	4.84
2.50%	0.00%	2.70	2.92	3.21	3.63	5.78	8.33	2.70	2.92	3.21	3.63	4.96	4.76
3.00%	0.00%	2.23	2.37	2.55	2.80	3.71	8.27	2.23	2.37	2.55	2.80	3.71	4.68
5.00%	0.00%	1.29	1.34	1.40	1.46	1.64	1.93	1.29	1.34	1.40	1.46	1.64	1.93
0.00%	0.01%	20.01	11.63	7.08	4.92	2.97	2.05	5.01	5.01	5.01	4.85	2.97	2.05
0.50%	0.03%	16.17	20.01	11.80	7.76	4.20	2.86	5.01	5.01	5.01	5.01	4.20	2.86
1.00%	0.10%	5.99	7.57	12.23	17.81	8.35	5.74	5.01	5.01	5.01	5.01	5.01	4.93

\* Based on Class Principal Balance.

### ***Declining Balances Tables***

Based upon the Modeling Assumptions, the following Declining Balances Tables indicate the projected Weighted Average Lives of each Class of Notes and sets forth the percentages of the original Class Principal Balance or original Notional Principal Amount, as applicable, of each Class that would be outstanding after each of the dates shown at various CPR percentages.

#### **Percentages of Original Balances Outstanding<sup>†</sup> and Weighted Average Lives**

<b>Date</b>	<b>Class M-1A</b>					
	<b>CPR Prepayment Assumption</b>					
	<b>0%</b>	<b>5%</b>	<b>10%</b>	<b>15%</b>	<b>25%</b>	<b>35%</b>
Closing Date . . . . .	100	100	100	100	100	100
May 25, 2024 . . . . .	91	70	49	28	0	0
May 25, 2025 . . . . .	82	43	7	0	0	0
May 25, 2026 . . . . .	73	18	0	0	0	0
May 25, 2027 . . . . .	63	0	0	0	0	0
May 25, 2028 . . . . .	53	0	0	0	0	0
May 25, 2029 . . . . .	43	0	0	0	0	0
May 25, 2030 . . . . .	33	0	0	0	0	0
May 25, 2031 . . . . .	22	0	0	0	0	0
May 25, 2032 . . . . .	11	0	0	0	0	0
May 25, 2033 and thereafter . . . . .	0	0	0	0	0	0
Weighted Average Life (years) to Scheduled Maturity Date . . . . .	5.24	1.82	1.05	0.72	0.42	0.28
Weighted Average Life (years) to Early Redemption Date <sup>**</sup> . . . . .	3.87	1.82	1.05	0.72	0.42	0.28

<sup>†</sup> Rounded to the nearest whole percentage.

<sup>\*\*</sup> Based on the assumption that the Early Redemption Date occurs on the first eligible Payment Date.

Date	Class M-1B					
	CPR Prepayment Assumption					
	0%	5%	10%	15%	25%	35%
Closing Date . . . . .	100	100	100	100	100	100
May 25, 2024 . . . . .	100	100	100	100	86	45
May 25, 2025 . . . . .	100	100	100	72	10	0
May 25, 2026 . . . . .	100	100	69	26	0	0
May 25, 2027 . . . . .	100	94	36	0	0	0
May 25, 2028 . . . . .	100	72	7	0	0	0
May 25, 2029 . . . . .	100	51	0	0	0	0
May 25, 2030 . . . . .	100	31	0	0	0	0
May 25, 2031 . . . . .	100	13	0	0	0	0
May 25, 2032 . . . . .	100	0	0	0	0	0
May 25, 2033 . . . . .	99	0	0	0	0	0
May 25, 2034 . . . . .	87	0	0	0	0	0
May 25, 2035 . . . . .	75	0	0	0	0	0
May 25, 2036 . . . . .	62	0	0	0	0	0
May 25, 2037 . . . . .	49	0	0	0	0	0
May 25, 2038 . . . . .	36	0	0	0	0	0
May 25, 2039 . . . . .	22	0	0	0	0	0
May 25, 2040 . . . . .	8	0	0	0	0	0
May 25, 2041 and thereafter . . . . .	0	0	0	0	0	0
Weighted Average Life (years) to Scheduled Maturity Date . . . . .	13.93	6.17	3.66	2.54	1.51	1.02
Weighted Average Life (years) to Early Redemption Date** . . . . .	5.01	4.85	3.65	2.54	1.51	1.02

\*\* Based on the assumption that the Early Redemption Date occurs on the first eligible Payment Date.



Class M-2, M-2R, M-2S, M-2T, M-2U and M-2I						
Date	CPR Prepayment Assumption					
	0%	5%	10%	15%	25%	35%
Closing Date	100	100	100	100	100	100
May 25, 2024	100	100	100	100	100	100
May 25, 2025	100	100	100	100	100	11
May 25, 2026	100	100	100	100	7	0
May 25, 2027	100	100	100	74	0	0
May 25, 2028	100	100	100	9	0	0
May 25, 2029	100	100	62	0	0	0
May 25, 2030	100	100	15	0	0	0
May 25, 2031	100	100	0	0	0	0
May 25, 2032	100	90	0	0	0	0
May 25, 2033	100	57	0	0	0	0
May 25, 2034	100	26	0	0	0	0
May 25, 2035	100	0	0	0	0	0
May 25, 2036	100	0	0	0	0	0
May 25, 2037	100	0	0	0	0	0
May 25, 2038	100	0	0	0	0	0
May 25, 2039	100	0	0	0	0	0
May 25, 2040	100	0	0	0	0	0
May 25, 2041	86	0	0	0	0	0
May 25, 2042	55	0	0	0	0	0
May 25, 2043	0	0	0	0	0	0
Weighted Average Life (years) to Scheduled Maturity Date	19.10	10.29	6.31	4.42	2.64	1.80
Weighted Average Life (years) to Early Redemption Date**	5.01	5.01	5.01	4.40	2.64	1.80

\*\* Based on the assumption that the Early Redemption Date occurs on the first eligible Payment Date.

		Class M-2A, M-2AR, M-2AS, M-2AT, M-2AU and M-2AI					
		CPR Prepayment Assumption					
Date		0%	5%	10%	15%	25%	35%
Closing Date	.....	100	100	100	100	100	100
May 25, 2024	.....	100	100	100	100	100	100
May 25, 2025	.....	100	100	100	100	100	0
May 25, 2026	.....	100	100	100	100	0	0
May 25, 2027	.....	100	100	100	48	0	0
May 25, 2028	.....	100	100	100	0	0	0
May 25, 2029	.....	100	100	23	0	0	0
May 25, 2030	.....	100	100	0	0	0	0
May 25, 2031	.....	100	100	0	0	0	0
May 25, 2032	.....	100	80	0	0	0	0
May 25, 2033	.....	100	14	0	0	0	0
May 25, 2034	.....	100	0	0	0	0	0
May 25, 2035	.....	100	0	0	0	0	0
May 25, 2036	.....	100	0	0	0	0	0
May 25, 2037	.....	100	0	0	0	0	0
May 25, 2038	.....	100	0	0	0	0	0
May 25, 2039	.....	100	0	0	0	0	0
May 25, 2040	.....	100	0	0	0	0	0
May 25, 2041	.....	71	0	0	0	0	0
May 25, 2042	.....	10	0	0	0	0	0
May 25, 2043	.....	0	0	0	0	0	0
Weighted Average Life (years) to Scheduled Maturity Date	.....	18.40	9.50	5.78	4.04	2.41	1.64
Weighted Average Life (years) to Early Redemption Date**	.....	5.01	5.01	5.01	4.04	2.41	1.64

\*\* Based on the assumption that the Early Redemption Date occurs on the first eligible Payment Date.

**Class M-2B, M-2BR, M-2BS, M-2BT, M-2BU,  
M-2BI, M-2RB\*, M-2SB\*,  
M-2TB\* and M-2UB\***

<b>Date</b>	<b>CPR Prepayment Assumption</b>					
	<b>0%</b>	<b>5%</b>	<b>10%</b>	<b>15%</b>	<b>25%</b>	<b>35%</b>
Closing Date .....	100	100	100	100	100	100
May 25, 2024 .....	100	100	100	100	100	100
May 25, 2025 .....	100	100	100	100	100	22
May 25, 2026 .....	100	100	100	100	14	0
May 25, 2027 .....	100	100	100	100	0	0
May 25, 2028 .....	100	100	100	19	0	0
May 25, 2029 .....	100	100	100	0	0	0
May 25, 2030 .....	100	100	31	0	0	0
May 25, 2031 .....	100	100	0	0	0	0
May 25, 2032 .....	100	100	0	0	0	0
May 25, 2033 .....	100	100	0	0	0	0
May 25, 2034 .....	100	51	0	0	0	0
May 25, 2035 .....	100	0	0	0	0	0
May 25, 2036 .....	100	0	0	0	0	0
May 25, 2037 .....	100	0	0	0	0	0
May 25, 2038 .....	100	0	0	0	0	0
May 25, 2039 .....	100	0	0	0	0	0
May 25, 2040 .....	100	0	0	0	0	0
May 25, 2041 .....	100	0	0	0	0	0
May 25, 2042 .....	100	0	0	0	0	0
May 25, 2043 .....	0	0	0	0	0	0
Weighted Average Life (years) to Scheduled Maturity Date .....	19.81	11.07	6.84	4.79	2.87	1.96
Weighted Average Life (years) to Early Redemption Date*** .....	5.01	5.01	5.01	4.77	2.87	1.96

\* Based on Class Principal Balance.

\*\*\* Based on the assumption that the Early Redemption Date occurs on the first eligible Payment Date.

## Yield Considerations with Respect to the Notes

The Weighted Average Life of, and the yield to maturity on, the Notes will be sensitive to the rate and timing of Credit Events and Modification Events on the Reference Obligations (and the severity of losses realized with respect thereto). If the actual rate of Credit Events and Modification Events on the Reference Obligations (and the severity of the losses realized with respect thereto) is higher than those you assumed would occur, the actual yield to maturity of a Note may be lower than the expected yield. The timing of Credit Events and Modification Events on Reference Obligations will also affect your actual yield to maturity, even if the rate of Credit Events and Modification Events is consistent with your expectations. See “*Prepayment and Yield Considerations*”.

### Credit Event Sensitivity Tables

Based upon the Modeling Assumptions, the following Credit Event Sensitivity Tables indicate the projected cumulative Credit Event Amount divided by aggregate UPB of the Reference Obligations in the Reference Pool as of the Cut-off Date shown at various CPR percentages and CER percentages.

#### Cumulative Credit Event Amount (as % of Reference Pool Cut-off Date Balance) to Scheduled Maturity Date

<u>CER</u>	<u>0% CPR</u>	<u>5% CPR</u>	<u>10% CPR</u>	<u>15% CPR</u>	<u>25% CPR</u>	<u>35% CPR</u>
0.00% .....	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
0.25% .....	3.6%	2.4%	1.7%	1.3%	0.8%	0.6%
0.50% .....	7.1%	4.8%	3.4%	2.5%	1.6%	1.1%
1.00% .....	13.6%	9.2%	6.6%	5.0%	3.1%	2.2%
1.50% .....	19.6%	13.4%	9.6%	7.3%	4.7%	3.3%
2.50% .....	30.3%	21.0%	15.3%	11.7%	7.6%	5.4%
3.00% .....	35.0%	24.4%	17.9%	13.7%	9.0%	6.4%
5.00% .....	50.4%	36.1%	27.2%	21.2%	14.2%	10.3%

#### Cumulative Credit Event Amount (as % of Reference Pool Cut-off Date Balance) to Early Redemption Date

<u>CER</u>	<u>0% CPR</u>	<u>5% CPR</u>	<u>10% CPR</u>	<u>15% CPR</u>	<u>25% CPR</u>	<u>35% CPR</u>
0.00% .....	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
0.25% .....	1.2%	1.1%	0.9%	0.8%	0.6%	0.5%
0.50% .....	2.4%	2.1%	1.9%	1.6%	1.3%	1.0%
1.00% .....	4.7%	4.2%	3.7%	3.3%	2.6%	2.0%
1.50% .....	7.0%	6.2%	5.5%	4.9%	3.8%	3.0%
2.50% .....	11.4%	10.1%	9.0%	8.0%	6.2%	4.8%
3.00% .....	13.6%	12.0%	10.7%	9.5%	7.4%	5.8%
5.00% .....	21.7%	19.3%	17.2%	15.3%	12.1%	9.3%

### Cumulative Note Write-down Amount Tables

Based upon the Modeling Assumptions, the following Cumulative Note Write-down Amount Tables indicate the projected cumulative write-down of the Class Principal Balance of a Note due to allocation of Tranche Write-down Amounts as a percentage of the Note's original Class Principal Balance at various CPR percentages, CER percentages and RM percentages.

**Class M-1A Cumulative Write-down Amount**  
(as % of the Class M-1A Original Class Principal Balance)

CER	RM	To Scheduled Maturity Date						To Early Redemption Date					
		CPR Prepayment Assumption						CPR Prepayment Assumption					
		0%	5%	10%	15%	25%	35%	0%	5%	10%	15%	25%	35%
0.00%	0.00%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
0.25%	0.00%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
0.50%	0.00%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1.00%	0.00%	40.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1.50%	0.00%	98.6%	34.9%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
2.50%	0.00%	100.0%	100.0%	82.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
3.00%	0.00%	100.0%	100.0%	100.0%	43.6%	0.0%	0.0%	39.1%	0.8%	0.0%	0.0%	0.0%	0.0%
5.00%	0.00%	100.0%	100.0%	100.0%	100.0%	55.5%	0.0%	100.0%	100.0%	100.0%	81.4%	1.3%	0.0%
0.00%	0.01%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
0.50%	0.03%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1.00%	0.10%	94.7%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%

**Class M-1B Cumulative Write-down Amount**  
(as % of the Class M-1B Original Class Principal Balance)

CER	RM	To Scheduled Maturity Date						To Early Redemption Date					
		CPR Prepayment Assumption						CPR Prepayment Assumption					
		0%	5%	10%	15%	25%	35%	0%	5%	10%	15%	25%	35%
0.00%	0.00%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
0.25%	0.00%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
0.50%	0.00%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1.00%	0.00%	100.0%	30.6%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1.50%	0.00%	100.0%	100.0%	41.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
2.50%	0.00%	100.0%	100.0%	100.0%	92.0%	0.0%	0.0%	85.4%	53.1%	24.3%	0.0%	0.0%	0.0%
3.00%	0.00%	100.0%	100.0%	100.0%	100.0%	24.0%	0.0%	100.0%	100.0%	66.8%	36.6%	0.0%	0.0%
5.00%	0.00%	100.0%	100.0%	100.0%	100.0%	100.0%	57.4%	100.0%	100.0%	100.0%	100.0%	100.0%	32.7%
0.00%	0.01%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
0.50%	0.03%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1.00%	0.10%	100.0%	58.4%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%

**Class M-2, M-2R, M-2S, M-2T and M-2U Cumulative Write-down Amount**  
(as % of the Respective Class M-2, M-2R, M-2S, M-2T and M-2U Original Class Principal Balance)

CER	RM	To Scheduled Maturity Date						To Early Redemption Date					
		CPR Prepayment Assumption						CPR Prepayment Assumption					
		0%	5%	10%	15%	25%	35%	0%	5%	10%	15%	25%	35%
0.00%	0.00%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
0.25%	0.00%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
0.50%	0.00%	54.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1.00%	0.00%	100.0%	100.0%	30.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1.50%	0.00%	100.0%	100.0%	100.0%	64.6%	0.0%	0.0%	49.4%	9.5%	0.0%	0.0%	0.0%	0.0%
2.50%	0.00%	100.0%	100.0%	100.0%	100.0%	78.0%	0.0%	100.0%	100.0%	100.0%	97.6%	12.2%	0.0%
3.00%	0.00%	100.0%	100.0%	100.0%	100.0%	100.0%	19.2%	100.0%	100.0%	100.0%	100.0%	71.9%	0.0%
5.00%	0.00%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
0.00%	0.01%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
0.50%	0.03%	68.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1.00%	0.10%	100.0%	100.0%	62.8%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%



**Class M-2A, M-2AR, M-2AS, M-2AT and M-2AU Cumulative Write-down Amount**  
(as % of the Respective Class M-2A, M-2AR, M-2AS, M-2AT and M-2AU  
Original Class Principal Balance)

CER	RM	To Scheduled Maturity Date						To Early Redemption Date					
		CPR Prepayment Assumption						CPR Prepayment Assumption					
		0%	5%	10%	15%	25%	35%	0%	5%	10%	15%	25%	35%
0.00%	0.00%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
0.25%	0.00%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
0.50%	0.00%	8.5%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1.00%	0.00%	100.0%	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1.50%	0.00%	100.0%	100.0%	100.0%	29.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
2.50%	0.00%	100.0%	100.0%	100.0%	100.0%	56.0%	0.0%	100.0%	100.0%	100.0%	95.1%	0.0%	0.0%
3.00%	0.00%	100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	100.0%	100.0%	100.0%	43.9%	0.0%
5.00%	0.00%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
0.00%	0.01%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
0.50%	0.03%	36.4%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1.00%	0.10%	100.0%	100.0%	25.7%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%

**Class M-2B, M-2BR, M-2BS, M-2BT, M-2BU, M-2RB, M-2SB, M-2TB and M-2UB Cumulative Write-down Amount**  
(as % of the Respective Class M-2B, M-2BR, M-2BS, M-2BT, M-2BU, M-2RB, M-2SB, M-2TB and M-2UB  
Original Class Principal Balance)

CER	RM	To Scheduled Maturity Date						To Early Redemption Date					
		CPR Prepayment Assumption						CPR Prepayment Assumption					
		0%	5%	10%	15%	25%	35%	0%	5%	10%	15%	25%	35%
0.00%	0.00%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
0.25%	0.00%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
0.50%	0.00%	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1.00%	0.00%	100.0%	100.0%	60.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1.50%	0.00%	100.0%	100.0%	100.0%	100.0%	0.0%	0.0%	98.7%	19.0%	0.0%	0.0%	0.0%	0.0%
2.50%	0.00%	100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	100.0%	100.0%	100.0%	24.4%	0.0%
3.00%	0.00%	100.0%	100.0%	100.0%	100.0%	100.0%	38.3%	100.0%	100.0%	100.0%	100.0%	100.0%	0.0%
5.00%	0.00%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
0.00%	0.01%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
0.50%	0.03%	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1.00%	0.10%	100.0%	100.0%	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%

## Yield Tables

Based upon the Modeling Assumptions and the assumed prices in the table captions, the following tables show pre-tax yields to maturity (corporate bond equivalent) of the Notes at various CPR percentages, CER percentages and RM percentages.

**Class M-1A Pre-Tax Yield (Assumed Price = 100.00000%)**

CER	RM	To Scheduled Maturity Date						To Early Redemption Date					
		CPR Prepayment Assumption						CPR Prepayment Assumption					
		0%	5%	10%	15%	25%	35%	0%	5%	10%	15%	25%	35%
0.00%	0.00%	7.02%	7.02%	7.02%	7.02%	7.02%	7.02%	7.02%	7.02%	7.02%	7.02%	7.02%	7.02%
0.25%	0.00%	7.02%	7.02%	7.02%	7.02%	7.02%	7.02%	7.02%	7.02%	7.02%	7.02%	7.02%	7.02%
0.50%	0.00%	7.02%	7.02%	7.02%	7.02%	7.02%	7.02%	7.02%	7.02%	7.02%	7.02%	7.02%	7.02%
1.00%	0.00%	5.74%	7.02%	7.02%	7.02%	7.02%	7.02%	7.02%	7.02%	7.02%	7.02%	7.02%	7.02%
1.50%	0.00%	(3.16)%	5.80%	7.02%	7.02%	7.02%	7.02%	7.02%	7.02%	7.02%	7.02%	7.02%	7.02%
2.50%	0.00%	(20.22)%	(11.90)%	1.40%	7.02%	7.02%	7.02%	7.02%	7.02%	7.02%	7.02%	7.02%	7.02%
3.00%	0.00%	(29.49)%	(21.16)%	(10.60)%	4.03%	7.02%	7.02%	(1.15)%	6.88%	7.02%	7.02%	7.02%	7.02%
5.00%	0.00%	(66.74)%	(59.21)%	(50.32)%	(39.32)%	(0.79)%	7.02%	(66.74)%	(59.21)%	(50.32)%	(18.90)%	6.81%	7.02%
0.00%	0.01%	7.02%	7.02%	7.02%	7.02%	7.02%	7.02%	7.02%	7.02%	7.02%	7.02%	7.02%	7.02%
0.50%	0.03%	7.02%	7.02%	7.02%	7.02%	7.02%	7.02%	7.02%	7.02%	7.02%	7.02%	7.02%	7.02%
1.00%	0.10%	(0.96)%	7.02%	7.02%	7.02%	7.02%	7.02%	7.02%	7.02%	7.02%	7.02%	7.02%	7.02%

**Class M-1B Pre-Tax Yield (Assumed Price = 100.00000%)**

CER	RM	To Scheduled Maturity Date						To Early Redemption Date					
		CPR Prepayment Assumption						CPR Prepayment Assumption					
		0%	5%	10%	15%	25%	35%	0%	5%	10%	15%	25%	35%
0.00%	0.00%	8.57%	8.57%	8.57%	8.57%	8.57%	8.57%	8.57%	8.57%	8.57%	8.57%	8.57%	8.57%
0.25%	0.00%	8.57%	8.57%	8.57%	8.57%	8.57%	8.57%	8.57%	8.57%	8.57%	8.57%	8.57%	8.57%
0.50%	0.00%	8.57%	8.57%	8.57%	8.57%	8.57%	8.57%	8.57%	8.57%	8.57%	8.57%	8.57%	8.57%
1.00%	0.00%	0.98%	7.67%	8.57%	8.57%	8.57%	8.57%	8.57%	8.57%	8.57%	8.57%	8.57%	8.57%
1.50%	0.00%	(9.67)%	(2.20)%	6.78%	8.57%	8.57%	8.57%	8.57%	8.57%	8.57%	8.57%	8.57%	8.57%
2.50%	0.00%	(34.29)%	(26.50)%	(17.06)%	(1.16)%	8.57%	8.57%	(18.87)%	(3.56)%	3.99%	8.57%	8.57%	8.57%
3.00%	0.00%	(47.02)%	(39.37)%	(30.30)%	(18.69)%	6.18%	8.57%	(47.02)%	(39.37)%	(8.90)%	1.05%	8.57%	8.57%
5.00%	0.00%	(93.92)%	(87.85)%	(80.79)%	(72.41)%	(48.65)%	(2.98)%	(93.92)%	(87.85)%	(80.79)%	(72.41)%	(48.65)%	0.79%
0.00%	0.01%	8.57%	8.57%	8.57%	8.57%	8.57%	8.57%	8.57%	8.57%	8.57%	8.57%	8.57%	8.57%
0.50%	0.03%	8.57%	8.57%	8.57%	8.57%	8.57%	8.57%	8.57%	8.57%	8.57%	8.57%	8.57%	8.57%
1.00%	0.10%	(10.70)%	4.85%	8.57%	8.57%	8.57%	8.57%	8.57%	8.57%	8.57%	8.57%	8.57%	8.57%

**Class M-2A Pre-Tax Yield (Assumed Price = 103.75000%)**

CER	RM	To Scheduled Maturity Date						To Early Redemption Date					
		CPR Prepayment Assumption						CPR Prepayment Assumption					
		0%	5%	10%	15%	25%	35%	0%	5%	10%	15%	25%	35%
0.00%	0.00%	10.19%	10.02%	9.78%	9.50%	8.88%	8.15%	9.68%	9.68%	9.68%	9.50%	8.88%	8.15%
0.25%	0.00%	10.20%	10.11%	9.88%	9.61%	9.01%	8.30%	9.68%	9.68%	9.68%	9.61%	9.01%	8.30%
0.50%	0.00%	10.06%	10.18%	9.98%	9.72%	9.14%	8.52%	9.68%	9.68%	9.68%	9.67%	9.14%	8.52%
1.00%	0.00%	(2.88)%	3.49%	10.19%	10.10%	9.91%	9.62%	9.68%	9.68%	9.68%	9.68%	9.68%	9.62%
1.50%	0.00%	(18.14)%	(11.07)%	(2.64)%	9.40%	9.96%	9.77%	9.68%	9.68%	9.68%	9.68%	9.68%	9.65%
2.50%	0.00%	(51.60)%	(44.58)%	(36.57)%	(27.00)%	6.36%	9.75%	(51.60)%	(44.58)%	(36.57)%	(21.92)%	9.68%	9.64%
3.00%	0.00%	(67.78)%	(61.28)%	(53.76)%	(44.93)%	(20.00)%	9.75%	(67.78)%	(61.28)%	(53.76)%	(44.93)%	0.94%	9.63%
5.00%	0.00%	*	*	*	*	(92.43)%	(69.60)%	*	*	*	*	(92.43)%	(69.60)%
0.00%	0.01%	10.20%	10.04%	9.80%	9.52%	8.93%	8.26%	9.68%	9.68%	9.68%	9.52%	8.93%	8.26%
0.50%	0.03%	9.19%	10.19%	10.04%	9.86%	9.40%	8.93%	9.68%	9.68%	9.68%	9.68%	9.40%	8.93%
1.00%	0.10%	(19.24)%	(10.75)%	9.01%	10.12%	9.92%	9.72%	9.68%	9.68%	9.68%	9.68%	9.68%	9.67%

\* Less than (99.99)%.

**Class M-2B Pre-Tax Yield (Assumed Price = 96.25000%)**

CER	RM	To Scheduled Maturity Date						To Early Redemption Date					
		CPR Prepayment Assumption						CPR Prepayment Assumption					
		0%	5%	10%	15%	25%	35%	0%	5%	10%	15%	25%	35%
0.00%	0.00%	11.13%	11.26%	11.47%	11.71%	12.25%	12.90%	11.67%	11.67%	11.67%	11.71%	12.25%	12.90%
0.25%	0.00%	11.13%	11.18%	11.37%	11.60%	12.14%	12.77%	11.67%	11.67%	11.67%	11.67%	12.14%	12.77%
0.50%	0.00%	8.42%	11.13%	11.28%	11.50%	12.03%	12.59%	11.67%	11.67%	11.67%	11.67%	12.03%	12.59%
1.00%	0.00%	(5.69)%	0.72%	9.42%	11.19%	11.38%	11.66%	11.67%	11.67%	11.67%	11.67%	11.67%	11.68%
1.50%	0.00%	(23.71)%	(16.70)%	(8.53)%	2.00%	11.27%	11.44%	(22.32)%	8.45%	11.67%	11.67%	11.67%	11.70%
2.50%	0.00%	(61.58)%	(55.09)%	(47.56)%	(38.70)%	(13.44)%	11.38%	(61.58)%	(55.09)%	(47.56)%	(38.70)%	7.35%	11.71%
3.00%	0.00%	(79.39)%	(73.39)%	(66.50)%	(58.52)%	(37.05)%	7.63%	(79.39)%	(73.39)%	(66.50)%	(58.52)%	(37.05)%	11.73%
5.00%	0.00%	*	*	*	*	*	(93.31)%	*	*	*	*	*	(93.31)%
0.00%	0.01%	11.13%	11.25%	11.45%	11.69%	12.21%	12.81%	11.67%	11.67%	11.67%	11.70%	12.21%	12.81%
0.50%	0.03%	6.96%	11.13%	11.24%	11.40%	11.82%	12.26%	11.67%	11.67%	11.67%	11.67%	11.82%	12.26%
1.00%	0.10%	(17.12)%	(8.85)%	0.97%	11.15%	11.37%	11.57%	11.67%	11.67%	11.67%	11.67%	11.67%	11.68%

**Class M-2 Pre-Tax Yield (Assumed Price = 100.00000%)**

CER	RM	To Scheduled Maturity Date						To Early Redemption Date					
		CPR Prepayment Assumption						CPR Prepayment Assumption					
		0%	5%	10%	15%	25%	35%	0%	5%	10%	15%	25%	35%
0.00%	0.00%	10.65%	10.65%	10.65%	10.65%	10.65%	10.65%	10.65%	10.65%	10.65%	10.65%	10.65%	10.65%
0.25%	0.00%	10.65%	10.65%	10.65%	10.65%	10.65%	10.65%	10.65%	10.65%	10.65%	10.65%	10.65%	10.65%
0.50%	0.00%	9.40%	10.65%	10.65%	10.65%	10.65%	10.65%	10.65%	10.65%	10.65%	10.65%	10.65%	10.65%
1.00%	0.00%	(4.08)%	2.34%	9.86%	10.65%	10.65%	10.65%	10.65%	10.65%	10.65%	10.65%	10.65%	10.65%
1.50%	0.00%	(20.49)%	(13.40)%	(4.96)%	7.15%	10.65%	10.65%	0.47%	9.10%	10.65%	10.65%	10.65%	10.65%
2.50%	0.00%	(55.76)%	(48.89)%	(40.99)%	(31.56)%	1.88%	10.65%	(55.76)%	(48.89)%	(40.99)%	(27.81)%	8.60%	10.65%
3.00%	0.00%	(72.60)%	(66.25)%	(58.90)%	(50.29)%	(25.89)%	8.64%	(72.60)%	(66.25)%	(58.90)%	(50.29)%	(8.72)%	10.65%
5.00%	0.00%	*	*	*	*	(99.65)%	(78.19)%	*	*	*	*	(99.65)%	(78.19)%
0.00%	0.01%	10.65%	10.65%	10.65%	10.65%	10.65%	10.65%	10.65%	10.65%	10.65%	10.65%	10.65%	10.65%
0.50%	0.03%	8.33%	10.65%	10.65%	10.65%	10.65%	10.65%	10.65%	10.65%	10.65%	10.65%	10.65%	10.65%
1.00%	0.10%	(18.21)%	(9.83)%	6.74%	10.65%	10.65%	10.65%	10.65%	10.65%	10.65%	10.65%	10.65%	10.65%

**Class M-2AR Pre-Tax Yield (Assumed Price = 95.75000%)**

CER	RM	To Scheduled Maturity Date						To Early Redemption Date					
		CPR Prepayment Assumption						CPR Prepayment Assumption					
		0%	5%	10%	15%	25%	35%	0%	5%	10%	15%	25%	35%
0.00%	0.00%	8.79%	8.99%	9.28%	9.61%	10.36%	11.22%	9.40%	9.40%	9.40%	9.61%	10.36%	11.22%
0.25%	0.00%	8.77%	8.89%	9.16%	9.48%	10.19%	11.05%	9.40%	9.40%	9.40%	9.48%	10.19%	11.05%
0.50%	0.00%	8.60%	8.80%	9.04%	9.36%	10.05%	10.78%	9.40%	9.40%	9.40%	9.41%	10.05%	10.78%
1.00%	0.00%	(6.25)%	0.71%	8.78%	8.89%	9.12%	9.47%	9.40%	9.40%	9.40%	9.40%	9.40%	9.47%
1.50%	0.00%	(22.48)%	(15.02)%	(5.98)%	7.86%	9.07%	9.30%	9.40%	9.40%	9.40%	9.40%	9.40%	9.43%
2.50%	0.00%	(57.09)%	(49.90)%	(41.65)%	(31.73)%	4.75%	9.31%	(57.09)%	(49.90)%	(41.65)%	(25.21)%	9.40%	9.45%
3.00%	0.00%	(73.50)%	(66.92)%	(59.28)%	(50.25)%	(24.37)%	9.32%	(73.50)%	(66.92)%	(59.28)%	(50.25)%	0.18%	9.46%
5.00%	0.00%	*	*	*	*	(98.17)%	(75.29)%	*	*	*	*	(98.17)%	(75.29)%
0.00%	0.01%	8.78%	8.97%	9.26%	9.59%	10.29%	11.09%	9.40%	9.40%	9.40%	9.59%	10.29%	11.09%
0.50%	0.03%	7.58%	8.79%	8.97%	9.18%	9.73%	10.29%	9.40%	9.40%	9.40%	9.40%	9.73%	10.29%
1.00%	0.10%	(23.65)%	(14.69)%	7.51%	8.88%	9.11%	9.36%	9.40%	9.40%	9.40%	9.40%	9.40%	9.42%

\* Less than (99.99)%.

**Class M-2AS Pre-Tax Yield (Assumed Price = 97.35000%)**

CER	RM	To Scheduled Maturity Date						To Early Redemption Date					
		CPR Prepayment Assumption						CPR Prepayment Assumption					
		0%	5%	10%	15%	25%	35%	0%	5%	10%	15%	25%	35%
0.00%	0.00%	9.08%	9.21%	9.39%	9.59%	10.05%	10.58%	9.46%	9.46%	9.46%	9.59%	10.05%	10.58%
0.25%	0.00%	9.07%	9.14%	9.31%	9.51%	9.95%	10.47%	9.46%	9.46%	9.46%	9.51%	9.95%	10.47%
0.50%	0.00%	8.91%	9.09%	9.24%	9.43%	9.86%	10.31%	9.46%	9.46%	9.46%	9.46%	9.86%	10.31%
1.00%	0.00%	(5.50)%	1.33%	9.08%	9.15%	9.29%	9.50%	9.46%	9.46%	9.46%	9.46%	9.46%	9.50%
1.50%	0.00%	(21.52)%	(14.14)%	(5.24)%	8.18%	9.25%	9.39%	9.46%	9.46%	9.46%	9.46%	9.46%	9.48%
2.50%	0.00%	(55.87)%	(48.72)%	(40.53)%	(30.68)%	5.09%	9.40%	(55.87)%	(48.72)%	(40.53)%	(24.50)%	9.46%	9.49%
3.00%	0.00%	(72.24)%	(65.67)%	(58.05)%	(49.07)%	(23.40)%	9.41%	(72.24)%	(65.67)%	(58.05)%	(49.07)%	0.34%	9.50%
5.00%	0.00%	*	*	*	*	(96.90)%	(74.03)%	*	*	*	*	(96.90)%	(74.03)%
0.00%	0.01%	9.08%	9.19%	9.37%	9.57%	10.01%	10.50%	9.46%	9.46%	9.46%	9.57%	10.01%	10.50%
0.50%	0.03%	7.92%	9.08%	9.19%	9.32%	9.66%	10.01%	9.46%	9.46%	9.46%	9.46%	9.66%	10.01%
1.00%	0.10%	(22.67)%	(13.82)%	7.82%	9.14%	9.28%	9.43%	9.46%	9.46%	9.46%	9.46%	9.46%	9.47%

**Class M-2AT Pre-Tax Yield (Assumed Price = 98.95000%)**

CER	RM	To Scheduled Maturity Date						To Early Redemption Date					
		CPR Prepayment Assumption						CPR Prepayment Assumption					
		0%	5%	10%	15%	25%	35%	0%	5%	10%	15%	25%	35%
0.00%	0.00%	9.37%	9.42%	9.49%	9.57%	9.75%	9.96%	9.52%	9.52%	9.52%	9.57%	9.75%	9.96%
0.25%	0.00%	9.36%	9.39%	9.46%	9.54%	9.71%	9.91%	9.52%	9.52%	9.52%	9.54%	9.71%	9.91%
0.50%	0.00%	9.21%	9.37%	9.43%	9.51%	9.67%	9.85%	9.52%	9.52%	9.52%	9.52%	9.67%	9.85%
1.00%	0.00%	(4.80)%	1.91%	9.37%	9.39%	9.45%	9.53%	9.52%	9.52%	9.52%	9.52%	9.52%	9.53%
1.50%	0.00%	(20.60)%	(13.31)%	(4.54)%	8.50%	9.43%	9.49%	9.52%	9.52%	9.52%	9.52%	9.52%	9.52%
2.50%	0.00%	(54.72)%	(47.60)%	(39.46)%	(29.69)%	5.42%	9.49%	(54.72)%	(47.60)%	(39.46)%	(23.82)%	9.52%	9.53%
3.00%	0.00%	(71.04)%	(64.48)%	(56.90)%	(47.96)%	(22.48)%	9.49%	(71.04)%	(64.48)%	(56.90)%	(47.96)%	0.49%	9.53%
5.00%	0.00%	*	*	*	*	(95.70)%	(72.84)%	*	*	*	*	(95.70)%	(72.84)%
0.00%	0.01%	9.37%	9.41%	9.48%	9.56%	9.73%	9.92%	9.52%	9.52%	9.52%	9.56%	9.73%	9.92%
0.50%	0.03%	8.25%	9.37%	9.41%	9.46%	9.60%	9.73%	9.52%	9.52%	9.52%	9.52%	9.60%	9.73%
1.00%	0.10%	(21.74)%	(12.99)%	8.13%	9.39%	9.45%	9.50%	9.52%	9.52%	9.52%	9.52%	9.52%	9.52%

**Class M-2AU Pre-Tax Yield (Assumed Price = 100.55000%)**

CER	RM	To Scheduled Maturity Date						To Early Redemption Date					
		CPR Prepayment Assumption						CPR Prepayment Assumption					
		0%	5%	10%	15%	25%	35%	0%	5%	10%	15%	25%	35%
0.00%	0.00%	9.65%	9.62%	9.59%	9.54%	9.45%	9.34%	9.57%	9.57%	9.57%	9.54%	9.45%	9.34%
0.25%	0.00%	9.65%	9.64%	9.60%	9.56%	9.47%	9.36%	9.57%	9.57%	9.57%	9.56%	9.47%	9.36%
0.50%	0.00%	9.50%	9.65%	9.62%	9.58%	9.49%	9.40%	9.57%	9.57%	9.57%	9.57%	9.49%	9.40%
1.00%	0.00%	(4.12)%	2.46%	9.65%	9.63%	9.61%	9.56%	9.57%	9.57%	9.57%	9.57%	9.57%	9.56%
1.50%	0.00%	(19.74)%	(12.53)%	(3.87)%	8.80%	9.61%	9.58%	9.57%	9.57%	9.57%	9.57%	9.57%	9.57%
2.50%	0.00%	(53.63)%	(46.54)%	(38.45)%	(28.75)%	5.74%	9.58%	(53.63)%	(46.54)%	(38.45)%	(23.16)%	9.57%	9.57%
3.00%	0.00%	(69.90)%	(63.36)%	(55.80)%	(46.90)%	(21.61)%	9.58%	(69.90)%	(63.36)%	(55.80)%	(46.90)%	0.64%	9.56%
5.00%	0.00%	*	*	*	*	(94.56)%	(71.71)%	*	*	*	*	(94.56)%	(71.71)%
0.00%	0.01%	9.65%	9.62%	9.59%	9.55%	9.46%	9.36%	9.57%	9.57%	9.57%	9.55%	9.46%	9.36%
0.50%	0.03%	8.57%	9.65%	9.63%	9.60%	9.53%	9.46%	9.57%	9.57%	9.57%	9.57%	9.53%	9.46%
1.00%	0.10%	(20.87)%	(12.21)%	8.43%	9.64%	9.61%	9.58%	9.57%	9.57%	9.57%	9.57%	9.57%	9.57%

\* Less than (99.99)%.

**Class M-2AI Pre-Tax Yield (Assumed Price = 8.00000%)**

CER	RM	To Scheduled Maturity Date						To Early Redemption Date					
		CPR Prepayment Assumption						CPR Prepayment Assumption					
		0%	5%	10%	15%	25%	35%	0%	5%	10%	15%	25%	35%
0.00%	0.00%	29.64%	27.09%	19.32%	7.07%	(25.97)%	(64.52)%	15.29%	15.29%	15.29%	7.07%	(25.97)%	(64.52)%
0.25%	0.00%	29.70%	28.76%	23.04%	12.23%	(18.49)%	(56.97)%	15.29%	15.29%	15.29%	12.23%	(18.49)%	(56.97)%
0.50%	0.00%	29.70%	29.59%	26.03%	16.83%	(11.80)%	(45.42)%	15.29%	15.29%	15.29%	15.11%	(11.80)%	(45.42)%
1.00%	0.00%	26.13%	28.59%	29.67%	28.70%	24.15%	12.88%	15.29%	15.29%	15.29%	15.29%	15.29%	12.88%
1.50%	0.00%	17.88%	21.98%	26.18%	29.54%	25.47%	18.94%	15.29%	15.29%	15.29%	15.29%	15.29%	14.18%
2.50%	0.00%	(6.11)%	(0.60)%	5.39%	12.07%	27.89%	18.36%	(6.11)%	(0.60)%	5.39%	12.04%	15.29%	13.61%
3.00%	0.00%	(19.73)%	(14.13)%	(7.90)%	(0.93)%	16.43%	18.27%	(19.73)%	(14.13)%	(7.90)%	(0.93)%	14.30%	12.98%
5.00%	0.00%	(74.21)%	(69.11)%	(63.77)%	(57.76)%	(42.80)%	(21.63)%	(74.21)%	(69.11)%	(63.77)%	(57.76)%	(42.80)%	(21.63)%
0.00%	0.01%	29.68%	27.46%	20.19%	8.24%	(22.78)%	(58.80)%	15.29%	15.29%	15.29%	8.24%	(22.78)%	(58.80)%
0.50%	0.03%	29.61%	29.63%	27.54%	22.48%	2.01%	(23.16)%	15.29%	15.29%	15.29%	15.29%	2.01%	(23.16)%
1.00%	0.10%	17.25%	22.22%	29.37%	28.86%	24.45%	16.87%	15.29%	15.29%	15.29%	15.29%	15.29%	14.75%

**Class M-2BR Pre-Tax Yield (Assumed Price = 88.00000%)**

CER	RM	To Scheduled Maturity Date						To Early Redemption Date					
		CPR Prepayment Assumption						CPR Prepayment Assumption					
		0%	5%	10%	15%	25%	35%	0%	5%	10%	15%	25%	35%
0.00%	0.00%	9.70%	10.16%	10.86%	11.67%	13.52%	15.70%	11.55%	11.55%	11.55%	11.68%	13.52%	15.70%
0.25%	0.00%	9.70%	9.89%	10.54%	11.32%	13.12%	15.27%	11.55%	11.55%	11.55%	11.55%	13.12%	15.27%
0.50%	0.00%	6.16%	9.70%	10.22%	10.98%	12.76%	14.64%	11.55%	11.55%	11.55%	11.55%	12.76%	14.64%
1.00%	0.00%	(9.30)%	(2.39)%	7.65%	9.91%	10.56%	11.51%	11.55%	11.55%	11.55%	11.55%	11.55%	11.60%
1.50%	0.00%	(28.27)%	(20.94)%	(12.31)%	(0.94)%	10.18%	10.77%	(26.42)%	8.14%	11.55%	11.55%	11.55%	11.64%
2.50%	0.00%	(67.11)%	(60.52)%	(52.84)%	(43.76)%	(17.42)%	10.56%	(67.11)%	(60.52)%	(52.84)%	(43.76)%	6.99%	11.69%
3.00%	0.00%	(85.04)%	(79.02)%	(72.07)%	(63.99)%	(42.03)%	6.46%	(85.04)%	(79.02)%	(72.07)%	(63.99)%	(42.03)%	11.74%
5.00%	0.00%	*	*	*	*	*	(98.87)%	*	*	*	*	*	(98.87)%
0.00%	0.01%	9.70%	10.11%	10.80%	11.60%	13.37%	15.39%	11.55%	11.55%	11.55%	11.64%	13.37%	15.39%
0.50%	0.03%	4.49%	9.70%	10.09%	10.64%	12.06%	13.54%	11.55%	11.55%	11.55%	11.55%	12.06%	13.54%
1.00%	0.10%	(21.40)%	(12.68)%	(2.14)%	9.77%	10.52%	11.22%	11.55%	11.55%	11.55%	11.55%	11.55%	11.60%

**Class M-2BS Pre-Tax Yield (Assumed Price = 89.65000%)**

CER	RM	To Scheduled Maturity Date						To Early Redemption Date					
		CPR Prepayment Assumption						CPR Prepayment Assumption					
		0%	5%	10%	15%	25%	35%	0%	5%	10%	15%	25%	35%
0.00%	0.00%	10.01%	10.39%	10.99%	11.68%	13.25%	15.12%	11.58%	11.58%	11.58%	11.69%	13.25%	15.12%
0.25%	0.00%	10.00%	10.16%	10.71%	11.38%	12.92%	14.75%	11.58%	11.58%	11.58%	11.58%	12.92%	14.75%
0.50%	0.00%	6.66%	10.00%	10.44%	11.09%	12.61%	14.21%	11.58%	11.58%	11.58%	11.58%	12.61%	14.21%
1.00%	0.00%	(8.49)%	(1.70)%	8.03%	10.18%	10.73%	11.54%	11.58%	11.58%	11.58%	11.58%	11.58%	11.62%
1.50%	0.00%	(27.25)%	(19.99)%	(11.47)%	(0.29)%	10.41%	10.91%	(25.52)%	8.20%	11.58%	11.58%	11.58%	11.65%
2.50%	0.00%	(65.88)%	(59.31)%	(51.66)%	(42.63)%	(16.53)%	10.73%	(65.88)%	(59.31)%	(51.66)%	(42.63)%	7.07%	11.69%
3.00%	0.00%	(83.79)%	(77.77)%	(70.83)%	(62.77)%	(40.92)%	6.71%	(83.79)%	(77.77)%	(70.83)%	(62.77)%	(40.92)%	11.74%
5.00%	0.00%	*	*	*	*	*	(97.64)%	*	*	*	*	*	(97.64)%
0.00%	0.01%	10.00%	10.35%	10.93%	11.62%	13.13%	14.85%	11.58%	11.58%	11.58%	11.65%	13.13%	14.85%
0.50%	0.03%	5.04%	10.00%	10.33%	10.80%	12.01%	13.27%	11.58%	11.58%	11.58%	11.58%	12.01%	13.27%
1.00%	0.10%	(20.44)%	(11.83)%	(1.45)%	10.06%	10.70%	11.29%	11.58%	11.58%	11.58%	11.58%	11.58%	11.62%

\* Less than (99.99)%.



**Class M-2BT Pre-Tax Yield (Assumed Price = 91.30000%)**

CER	RM	To Scheduled Maturity Date						To Early Redemption Date					
		CPR Prepayment Assumption						CPR Prepayment Assumption					
		0%	5%	10%	15%	25%	35%	0%	5%	10%	15%	25%	35%
0.00%	0.00%	10.30%	10.62%	11.11%	11.69%	13.00%	14.54%	11.60%	11.60%	11.60%	11.69%	13.00%	14.54%
0.25%	0.00%	10.29%	10.43%	10.88%	11.44%	12.72%	14.24%	11.60%	11.60%	11.60%	11.60%	12.72%	14.24%
0.50%	0.00%	7.13%	10.30%	10.65%	11.20%	12.46%	13.79%	11.60%	11.60%	11.60%	11.60%	12.46%	13.79%
1.00%	0.00%	(7.73)%	(1.05)%	8.39%	10.44%	10.90%	11.57%	11.60%	11.60%	11.60%	11.60%	11.60%	11.63%
1.50%	0.00%	(26.29)%	(19.10)%	(10.68)%	0.33%	10.63%	11.05%	(24.66)%	8.27%	11.60%	11.60%	11.60%	11.67%
2.50%	0.00%	(64.72)%	(58.17)%	(50.55)%	(41.57)%	(15.70)%	10.89%	(64.72)%	(58.17)%	(50.55)%	(41.57)%	7.14%	11.70%
3.00%	0.00%	(82.60)%	(76.59)%	(69.66)%	(61.62)%	(39.87)%	6.95%	(82.60)%	(76.59)%	(69.66)%	(61.62)%	(39.87)%	11.73%
5.00%	0.00%	*	*	*	*	*	(96.47)%	*	*	*	*	*	(96.47)%
0.00%	0.01%	10.29%	10.58%	11.07%	11.64%	12.89%	14.33%	11.60%	11.60%	11.60%	11.66%	12.89%	14.33%
0.50%	0.03%	5.55%	10.29%	10.57%	10.95%	11.96%	13.01%	11.60%	11.60%	11.60%	11.60%	11.96%	13.01%
1.00%	0.10%	(19.54)%	(11.02)%	(0.79)%	10.34%	10.87%	11.37%	11.60%	11.60%	11.60%	11.60%	11.60%	11.63%

**Class M-2BU Pre-Tax Yield (Assumed Price = 92.95000%)**

CER	RM	To Scheduled Maturity Date						To Early Redemption Date					
		CPR Prepayment Assumption						CPR Prepayment Assumption					
		0%	5%	10%	15%	25%	35%	0%	5%	10%	15%	25%	35%
0.00%	0.00%	10.58%	10.84%	11.23%	11.69%	12.74%	13.98%	11.63%	11.63%	11.63%	11.70%	12.74%	13.98%
0.25%	0.00%	10.58%	10.69%	11.05%	11.49%	12.52%	13.74%	11.63%	11.63%	11.63%	11.63%	12.52%	13.74%
0.50%	0.00%	7.58%	10.58%	10.87%	11.30%	12.31%	13.38%	11.63%	11.63%	11.63%	11.63%	12.31%	13.38%
1.00%	0.00%	(7.02)%	(0.43)%	8.75%	10.70%	11.06%	11.60%	11.63%	11.63%	11.63%	11.63%	11.63%	11.65%
1.50%	0.00%	(25.38)%	(18.26)%	(9.92)%	0.92%	10.85%	11.18%	(23.84)%	8.33%	11.63%	11.63%	11.63%	11.68%
2.50%	0.00%	(63.62)%	(57.09)%	(49.50)%	(40.56)%	(14.90)%	11.06%	(63.62)%	(57.09)%	(49.50)%	(40.56)%	7.21%	11.70%
3.00%	0.00%	(81.48)%	(75.47)%	(68.55)%	(60.53)%	(38.88)%	7.18%	(81.48)%	(75.47)%	(68.55)%	(60.53)%	(38.88)%	11.73%
5.00%	0.00%	*	*	*	*	*	(95.36)%	*	*	*	*	*	(95.36)%
0.00%	0.01%	10.58%	10.81%	11.20%	11.65%	12.66%	13.81%	11.63%	11.63%	11.63%	11.67%	12.66%	13.81%
0.50%	0.03%	6.05%	10.58%	10.80%	11.11%	11.91%	12.75%	11.63%	11.63%	11.63%	11.63%	11.91%	12.75%
1.00%	0.10%	(18.69)%	(10.26)%	(0.17)%	10.62%	11.04%	11.44%	11.63%	11.63%	11.63%	11.63%	11.63%	11.65%

**Class M-2BI Pre-Tax Yield (Assumed Price = 8.25000%)**

CER	RM	To Scheduled Maturity Date						To Early Redemption Date					
		CPR Prepayment Assumption						CPR Prepayment Assumption					
		0%	5%	10%	15%	25%	35%	0%	5%	10%	15%	25%	35%
0.00%	0.00%	28.72%	27.10%	21.60%	12.36%	(14.21)%	(47.57)%	13.84%	13.84%	13.84%	12.19%	(14.21)%	(47.57)%
0.25%	0.00%	28.73%	28.28%	24.53%	16.66%	(8.23)%	(41.11)%	13.84%	13.84%	13.84%	13.84%	(8.23)%	(41.11)%
0.50%	0.00%	28.57%	28.73%	26.78%	20.40%	(2.77)%	(31.51)%	13.84%	13.84%	13.84%	13.84%	(2.77)%	(31.51)%
1.00%	0.00%	22.66%	25.86%	28.52%	28.22%	24.32%	14.42%	13.84%	13.84%	13.84%	13.84%	13.84%	13.28%
1.50%	0.00%	11.35%	16.03%	21.00%	26.25%	26.95%	22.47%	11.34%	13.77%	13.84%	13.84%	13.84%	12.71%
2.50%	0.00%	(18.58)%	(13.01)%	(6.78)%	0.22%	17.72%	24.14%	(18.58)%	(13.01)%	(6.78)%	0.22%	13.51%	12.14%
3.00%	0.00%	(34.79)%	(29.21)%	(22.97)%	(16.00)%	1.34%	23.91%	(34.79)%	(29.21)%	(22.97)%	(16.00)%	1.34%	11.49%
5.00%	0.00%	(94.85)%	(90.49)%	(85.57)%	(80.08)%	(66.69)%	(48.59)%	(94.85)%	(90.49)%	(85.57)%	(80.08)%	(66.69)%	(48.59)%
0.00%	0.01%	28.73%	27.38%	22.21%	13.21%	(11.92)%	(43.00)%	13.84%	13.84%	13.84%	12.79%	(11.92)%	(43.00)%
0.50%	0.03%	28.23%	28.73%	27.45%	23.66%	7.22%	(14.53)%	13.84%	13.84%	13.84%	13.84%	7.22%	(14.53)%
1.00%	0.10%	15.84%	20.93%	26.02%	28.59%	24.63%	17.81%	13.84%	13.84%	13.84%	13.84%	13.84%	13.30%

\* Less than (99.99)%.

**Class M-2R Pre-Tax Yield (Assumed Price = 91.87500%)**

CER	RM	To Scheduled Maturity Date						To Early Redemption Date					
		CPR Prepayment Assumption						CPR Prepayment Assumption					
		0%	5%	10%	15%	25%	35%	0%	5%	10%	15%	25%	35%
0.00%	0.00%	9.24%	9.59%	10.10%	10.68%	12.01%	13.57%	10.45%	10.45%	10.45%	10.69%	12.01%	13.57%
0.25%	0.00%	9.22%	9.40%	9.87%	10.44%	11.73%	13.26%	10.45%	10.45%	10.45%	10.53%	11.73%	13.26%
0.50%	0.00%	7.68%	9.24%	9.65%	10.21%	11.46%	12.80%	10.45%	10.45%	10.45%	10.45%	11.46%	12.80%
1.00%	0.00%	(7.54)%	(0.55)%	8.30%	9.41%	9.85%	10.49%	10.45%	10.45%	10.45%	10.45%	10.45%	10.53%
1.50%	0.00%	(24.89)%	(17.43)%	(8.42)%	5.41%	9.66%	10.07%	(0.31)%	8.81%	10.45%	10.45%	10.45%	10.51%
2.50%	0.00%	(61.22)%	(54.20)%	(46.09)%	(36.34)%	0.22%	10.00%	(61.22)%	(54.20)%	(46.09)%	(31.42)%	8.29%	10.54%
3.00%	0.00%	(78.24)%	(71.83)%	(64.38)%	(55.59)%	(30.32)%	7.82%	(78.24)%	(71.83)%	(64.38)%	(55.59)%	(9.82)%	10.57%
5.00%	0.00%	*	*	*	*	*	(83.69)%	*	*	*	*	*	(83.69)%
0.00%	0.01%	9.23%	9.55%	10.05%	10.63%	11.90%	13.34%	10.45%	10.45%	10.45%	10.65%	11.90%	13.34%
0.50%	0.03%	6.46%	9.23%	9.54%	9.93%	10.93%	11.97%	10.45%	10.45%	10.45%	10.45%	10.93%	11.97%
1.00%	0.10%	(22.56)%	(13.71)%	5.06%	9.34%	9.82%	10.29%	10.45%	10.45%	10.45%	10.45%	10.45%	10.48%

**Class M-2S Pre-Tax Yield (Assumed Price = 93.50000%)**

CER	RM	To Scheduled Maturity Date						To Early Redemption Date					
		CPR Prepayment Assumption						CPR Prepayment Assumption					
		0%	5%	10%	15%	25%	35%	0%	5%	10%	15%	25%	35%
0.00%	0.00%	9.53%	9.81%	10.21%	10.68%	11.73%	12.96%	10.49%	10.49%	10.49%	10.68%	11.73%	12.96%
0.25%	0.00%	9.52%	9.66%	10.03%	10.48%	11.50%	12.72%	10.49%	10.49%	10.49%	10.55%	11.50%	12.72%
0.50%	0.00%	8.04%	9.54%	9.86%	10.30%	11.29%	12.35%	10.49%	10.49%	10.49%	10.49%	11.29%	12.35%
1.00%	0.00%	(6.77)%	0.09%	8.63%	9.67%	10.01%	10.53%	10.49%	10.49%	10.49%	10.49%	10.49%	10.55%
1.50%	0.00%	(23.91)%	(16.53)%	(7.65)%	5.78%	9.86%	10.19%	(0.15)%	8.87%	10.49%	10.49%	10.49%	10.54%
2.50%	0.00%	(60.00)%	(53.02)%	(44.96)%	(35.27)%	0.57%	10.14%	(60.00)%	(53.02)%	(44.96)%	(30.64)%	8.36%	10.56%
3.00%	0.00%	(76.99)%	(70.59)%	(63.16)%	(54.41)%	(29.34)%	8.00%	(76.99)%	(70.59)%	(63.16)%	(54.41)%	(9.59)%	10.59%
5.00%	0.00%	*	*	*	*	*	(82.47)%	*	*	*	*	*	(82.47)%
0.00%	0.01%	9.53%	9.78%	10.18%	10.64%	11.64%	12.78%	10.49%	10.49%	10.49%	10.65%	11.64%	12.78%
0.50%	0.03%	6.86%	9.53%	9.77%	10.08%	10.87%	11.69%	10.49%	10.49%	10.49%	10.49%	10.87%	11.69%
1.00%	0.10%	(21.59)%	(12.85)%	5.41%	9.62%	9.99%	10.37%	10.49%	10.49%	10.49%	10.49%	10.49%	10.51%

**Class M-2T Pre-Tax Yield (Assumed Price = 95.12500%)**

CER	RM	To Scheduled Maturity Date						To Early Redemption Date					
		CPR Prepayment Assumption						CPR Prepayment Assumption					
		0%	5%	10%	15%	25%	35%	0%	5%	10%	15%	25%	35%
0.00%	0.00%	9.82%	10.03%	10.33%	10.67%	11.45%	12.37%	10.53%	10.53%	10.53%	10.67%	11.45%	12.37%
0.25%	0.00%	9.81%	9.91%	10.19%	10.53%	11.28%	12.18%	10.53%	10.53%	10.53%	10.58%	11.28%	12.18%
0.50%	0.00%	8.40%	9.83%	10.06%	10.39%	11.13%	11.91%	10.53%	10.53%	10.53%	10.54%	11.13%	11.91%
1.00%	0.00%	(6.05)%	0.70%	8.95%	9.92%	10.18%	10.56%	10.53%	10.53%	10.53%	10.53%	10.53%	10.58%
1.50%	0.00%	(22.99)%	(15.69)%	(6.93)%	6.14%	10.07%	10.31%	0.01%	8.93%	10.53%	10.53%	10.53%	10.57%
2.50%	0.00%	(58.86)%	(51.91)%	(43.89)%	(34.27)%	0.91%	10.27%	(58.86)%	(51.91)%	(43.89)%	(29.89)%	8.42%	10.58%
3.00%	0.00%	(75.81)%	(69.42)%	(62.01)%	(53.30)%	(28.41)%	8.16%	(75.81)%	(69.42)%	(62.01)%	(53.30)%	(9.37)%	10.60%
5.00%	0.00%	*	*	*	*	*	(81.32)%	*	*	*	*	*	(81.32)%
0.00%	0.01%	9.82%	10.00%	10.30%	10.64%	11.38%	12.23%	10.53%	10.53%	10.53%	10.65%	11.38%	12.23%
0.50%	0.03%	7.25%	9.82%	10.00%	10.23%	10.82%	11.42%	10.53%	10.53%	10.53%	10.53%	10.82%	11.42%
1.00%	0.10%	(20.67)%	(12.03)%	5.75%	9.88%	10.16%	10.44%	10.53%	10.53%	10.53%	10.53%	10.53%	10.55%

\* Less than (99.99)%.

**Class M-2U Pre-Tax Yield (Assumed Price = 96.75000%)**

CER	RM	To Scheduled Maturity Date						To Early Redemption Date					
		CPR Prepayment Assumption						CPR Prepayment Assumption					
		0%	5%	10%	15%	25%	35%	0%	5%	10%	15%	25%	35%
0.00%	0.00%	10.11%	10.24%	10.44%	10.66%	11.18%	11.78%	10.57%	10.57%	10.57%	10.67%	11.18%	11.78%
0.25%	0.00%	10.10%	10.17%	10.35%	10.57%	11.07%	11.66%	10.57%	10.57%	10.57%	10.60%	11.07%	11.66%
0.50%	0.00%	8.75%	10.11%	10.26%	10.48%	10.97%	11.48%	10.57%	10.57%	10.57%	10.57%	10.97%	11.48%
1.00%	0.00%	(5.36)%	1.28%	9.26%	10.17%	10.34%	10.59%	10.57%	10.57%	10.57%	10.57%	10.57%	10.60%
1.50%	0.00%	(22.11)%	(14.88)%	(6.24)%	6.48%	10.27%	10.43%	0.17%	8.99%	10.57%	10.57%	10.57%	10.60%
2.50%	0.00%	(57.77)%	(50.85)%	(42.87)%	(33.32)%	1.24%	10.40%	(57.77)%	(50.85)%	(42.87)%	(29.17)%	8.48%	10.61%
3.00%	0.00%	(74.68)%	(68.31)%	(60.92)%	(52.24)%	(27.53)%	8.33%	(74.68)%	(68.31)%	(60.92)%	(52.24)%	(9.14)%	10.62%
5.00%	0.00%	*	*	*	*	*	(80.22)%	*	*	*	*	*	(80.22)%
0.00%	0.01%	10.10%	10.22%	10.42%	10.64%	11.13%	11.69%	10.57%	10.57%	10.57%	10.65%	11.13%	11.69%
0.50%	0.03%	7.62%	10.11%	10.22%	10.37%	10.76%	11.16%	10.57%	10.57%	10.57%	10.57%	10.76%	11.16%
1.00%	0.10%	(19.81)%	(11.26)%	6.09%	10.15%	10.33%	10.51%	10.57%	10.57%	10.57%	10.57%	10.57%	10.58%

**Class M-2I Pre-Tax Yield (Assumed Price = 8.12500%)**

CER	RM	To Scheduled Maturity Date						To Early Redemption Date					
		CPR Prepayment Assumption						CPR Prepayment Assumption					
		0%	5%	10%	15%	25%	35%	0%	5%	10%	15%	25%	35%
0.00%	0.00%	29.17%	27.10%	20.56%	9.98%	(19.35)%	(54.91)%	14.56%	14.56%	14.56%	9.89%	(19.35)%	(54.91)%
0.25%	0.00%	29.21%	28.51%	23.84%	14.67%	(12.74)%	(48.00)%	14.56%	14.56%	14.56%	13.08%	(12.74)%	(48.00)%
0.50%	0.00%	29.13%	29.15%	26.43%	18.79%	(6.75)%	(37.59)%	14.56%	14.56%	14.56%	14.46%	(6.75)%	(37.59)%
1.00%	0.00%	24.47%	27.28%	29.09%	28.45%	24.24%	13.69%	14.56%	14.56%	14.56%	14.56%	14.56%	13.09%
1.50%	0.00%	14.82%	19.21%	23.80%	28.02%	26.28%	20.89%	13.36%	14.52%	14.56%	14.56%	14.56%	13.44%
2.50%	0.00%	(11.81)%	(6.23)%	(0.08)%	6.82%	23.80%	21.72%	(11.81)%	(6.23)%	(0.08)%	6.80%	14.39%	12.86%
3.00%	0.00%	(26.57)%	(20.94)%	(14.65)%	(7.60)%	10.14%	21.55%	(26.57)%	(20.94)%	(14.65)%	(7.60)%	8.67%	12.23%
5.00%	0.00%	(83.56)%	(78.73)%	(73.52)%	(67.68)%	(53.20)%	(32.80)%	(83.56)%	(78.73)%	(73.52)%	(67.68)%	(53.20)%	(32.80)%
0.00%	0.01%	29.20%	27.42%	21.28%	10.97%	(16.69)%	(49.87)%	14.56%	14.56%	14.56%	10.73%	(16.69)%	(49.87)%
0.50%	0.03%	28.93%	29.17%	27.49%	23.11%	4.86%	(18.41)%	14.56%	14.56%	14.56%	14.56%	4.86%	(18.41)%
1.00%	0.10%	16.54%	21.56%	27.83%	28.72%	24.54%	17.36%	14.56%	14.56%	14.56%	14.56%	14.56%	14.02%

**Class M-2RB Pre-Tax Yield (Assumed Price = 104.25000%)**

CER	RM	To Scheduled Maturity Date						To Early Redemption Date					
		CPR Prepayment Assumption						CPR Prepayment Assumption					
		0%	5%	10%	15%	25%	35%	0%	5%	10%	15%	25%	35%
0.00%	0.00%	12.37%	12.11%	11.82%	11.52%	10.89%	10.18%	11.84%	11.84%	11.84%	11.52%	10.89%	10.18%
0.25%	0.00%	12.42%	12.22%	11.92%	11.63%	11.03%	10.33%	11.84%	11.84%	11.84%	11.70%	11.03%	10.33%
0.50%	0.00%	10.40%	12.35%	12.02%	11.73%	11.15%	10.54%	11.84%	11.84%	11.84%	11.83%	11.15%	10.54%
1.00%	0.00%	(1.93)%	4.05%	11.06%	12.22%	12.03%	11.71%	11.84%	11.84%	11.84%	11.84%	11.84%	11.74%
1.50%	0.00%	(18.48)%	(11.72)%	(3.84)%	5.96%	11.95%	11.76%	(18.36)%	8.79%	11.84%	11.84%	11.84%	11.82%
2.50%	0.00%	(54.40)%	(47.84)%	(40.28)%	(31.36)%	(4.21)%	11.65%	(54.40)%	(47.84)%	(40.28)%	(31.38)%	7.76%	11.80%
3.00%	0.00%	(71.67)%	(65.54)%	(58.50)%	(50.33)%	(27.80)%	8.08%	(71.67)%	(65.54)%	(58.50)%	(50.33)%	(29.25)%	11.78%
5.00%	0.00%	*	*	*	*	*	(81.67)%	*	*	*	*	*	(81.67)%
0.00%	0.01%	12.40%	12.13%	11.84%	11.55%	10.95%	10.29%	11.84%	11.84%	11.84%	11.56%	10.95%	10.29%
0.50%	0.03%	9.29%	12.37%	12.13%	11.93%	11.43%	10.95%	11.84%	11.84%	11.84%	11.84%	11.43%	10.95%
1.00%	0.10%	(13.72)%	(5.82)%	5.34%	12.15%	12.03%	11.82%	11.84%	11.84%	11.84%	11.84%	11.84%	11.83%

\* Less than (99.99)%.

**Class M-2SB Pre-Tax Yield (Assumed Price = 102.65000%)**

CER	RM	To Scheduled Maturity Date						To Early Redemption Date					
		CPR Prepayment Assumption						CPR Prepayment Assumption					
		0%	5%	10%	15%	25%	35%	0%	5%	10%	15%	25%	35%
0.00%	0.00%	12.14%	11.95%	11.75%	11.56%	11.16%	10.71%	11.81%	11.81%	11.81%	11.56%	11.16%	10.71%
0.25%	0.00%	12.17%	12.02%	11.81%	11.62%	11.24%	10.80%	11.81%	11.81%	11.81%	11.69%	11.24%	10.80%
0.50%	0.00%	10.04%	12.11%	11.88%	11.68%	11.32%	10.94%	11.81%	11.81%	11.81%	11.80%	11.32%	10.94%
1.00%	0.00%	(2.59)%	3.47%	10.75%	12.02%	11.90%	11.70%	11.81%	11.81%	11.81%	11.81%	11.81%	11.73%
1.50%	0.00%	(19.39)%	(12.58)%	(4.64)%	5.32%	11.81%	11.70%	(19.08)%	8.72%	11.81%	11.81%	11.81%	11.79%
2.50%	0.00%	(55.64)%	(49.08)%	(41.52)%	(32.59)%	(5.41)%	11.60%	(55.64)%	(49.08)%	(41.52)%	(32.61)%	7.68%	11.78%
3.00%	0.00%	(73.00)%	(66.89)%	(59.87)%	(51.71)%	(29.25)%	7.99%	(73.00)%	(66.89)%	(59.87)%	(51.71)%	(30.54)%	11.77%
5.00%	0.00%	*	*	*	*	*	(83.54)%	*	*	*	*	*	(83.54)%
0.00%	0.01%	12.16%	11.96%	11.77%	11.57%	11.19%	10.78%	11.81%	11.81%	11.81%	11.58%	11.19%	10.78%
0.50%	0.03%	8.87%	12.13%	11.96%	11.83%	11.51%	11.21%	11.81%	11.81%	11.81%	11.81%	11.51%	11.21%
1.00%	0.10%	(14.34)%	(6.37)%	4.65%	11.96%	11.90%	11.77%	11.81%	11.81%	11.81%	11.81%	11.81%	11.80%

**Class M-2TB Pre-Tax Yield (Assumed Price = 101.05000%)**

CER	RM	To Scheduled Maturity Date						To Early Redemption Date					
		CPR Prepayment Assumption						CPR Prepayment Assumption					
		0%	5%	10%	15%	25%	35%	0%	5%	10%	15%	25%	35%
0.00%	0.00%	11.89%	11.78%	11.68%	11.59%	11.42%	11.24%	11.78%	11.78%	11.78%	11.60%	11.42%	11.24%
0.25%	0.00%	11.92%	11.82%	11.71%	11.62%	11.46%	11.28%	11.78%	11.78%	11.78%	11.69%	11.46%	11.28%
0.50%	0.00%	9.67%	11.88%	11.73%	11.64%	11.49%	11.34%	11.78%	11.78%	11.78%	11.77%	11.49%	11.34%
1.00%	0.00%	(3.29)%	2.86%	10.44%	11.82%	11.77%	11.69%	11.78%	11.78%	11.78%	11.78%	11.78%	11.72%
1.50%	0.00%	(20.36)%	(13.50)%	(5.49)%	4.62%	11.68%	11.64%	(19.83)%	8.66%	11.78%	11.78%	11.78%	11.77%
2.50%	0.00%	(56.97)%	(50.42)%	(42.85)%	(33.92)%	(6.80)%	11.54%	(56.97)%	(50.42)%	(42.85)%	(33.94)%	7.60%	11.77%
3.00%	0.00%	(74.43)%	(68.34)%	(61.33)%	(53.20)%	(30.86)%	7.90%	(74.43)%	(68.34)%	(61.33)%	(53.20)%	(31.94)%	11.76%
5.00%	0.00%	*	*	*	*	*	(85.59)%	*	*	*	*	*	(85.59)%
0.00%	0.01%	11.91%	11.79%	11.69%	11.60%	11.44%	11.27%	11.78%	11.78%	11.78%	11.61%	11.44%	11.27%
0.50%	0.03%	8.44%	11.89%	11.79%	11.72%	11.58%	11.46%	11.78%	11.78%	11.78%	11.78%	11.58%	11.46%
1.00%	0.10%	(14.99)%	(6.95)%	3.90%	11.76%	11.77%	11.72%	11.78%	11.78%	11.78%	11.78%	11.78%	11.77%

**Class M-2UB Pre-Tax Yield (Assumed Price = 99.45000%)**

CER	RM	To Scheduled Maturity Date						To Early Redemption Date					
		CPR Prepayment Assumption						CPR Prepayment Assumption					
		0%	5%	10%	15%	25%	35%	0%	5%	10%	15%	25%	35%
0.00%	0.00%	11.65%	11.61%	11.61%	11.63%	11.69%	11.78%	11.74%	11.74%	11.74%	11.63%	11.69%	11.78%
0.25%	0.00%	11.67%	11.61%	11.60%	11.61%	11.68%	11.77%	11.74%	11.74%	11.74%	11.68%	11.68%	11.77%
0.50%	0.00%	9.27%	11.63%	11.58%	11.59%	11.67%	11.75%	11.74%	11.74%	11.74%	11.74%	11.67%	11.75%
1.00%	0.00%	(4.03)%	2.20%	10.11%	11.61%	11.64%	11.68%	11.74%	11.74%	11.74%	11.74%	11.74%	11.71%
1.50%	0.00%	(21.39)%	(14.48)%	(6.42)%	3.85%	11.54%	11.57%	(20.61)%	8.59%	11.74%	11.74%	11.74%	11.75%
2.50%	0.00%	(58.39)%	(51.85)%	(44.29)%	(35.37)%	(8.46)%	11.49%	(58.39)%	(51.85)%	(44.29)%	(35.38)%	7.52%	11.75%
3.00%	0.00%	(75.96)%	(69.89)%	(62.91)%	(54.82)%	(32.65)%	7.81%	(75.96)%	(69.89)%	(62.91)%	(54.82)%	(33.47)%	11.75%
5.00%	0.00%	*	*	*	*	*	(87.86)%	*	*	*	*	*	(87.86)%
0.00%	0.01%	11.66%	11.61%	11.61%	11.63%	11.69%	11.77%	11.74%	11.74%	11.74%	11.64%	11.69%	11.77%
0.50%	0.03%	7.97%	11.64%	11.61%	11.62%	11.66%	11.72%	11.74%	11.74%	11.74%	11.74%	11.66%	11.72%
1.00%	0.10%	(15.67)%	(7.55)%	3.05%	11.56%	11.64%	11.67%	11.74%	11.74%	11.74%	11.74%	11.74%	11.74%

\* Less than (99.99)%.

You should make investment decisions based on determinations of anticipated rates of prepayments, Credit Events and Modification Events under a variety of scenarios. You should fully consider the risk that the occurrence of Credit Events and Modification Events on the Reference Obligations could result in a loss of your investment.

### USE OF PROCEEDS

The Indenture Trustee will use the proceeds from the sale of the Notes to purchase Eligible Investments. The Indenture Trustee will use the earnings on and proceeds of the Eligible Investments to make any payments of Return Amounts to us and, together with any Transfer Amounts, Return Reimbursement Amounts and Capital Contribution Amounts paid by us to the Trust and any interest payments on the IO Q-REMIC Interest received by the Trust, to make payments of principal and interest on the Notes.

## CERTAIN LEGAL ASPECTS OF MORTGAGE LOANS

The following discussion provides general summaries of certain legal aspects of mortgage loans which are general in nature. The summaries do not purport to be complete. They do not reflect the laws of any particular state nor the laws of all states in which the mortgaged properties may be situated. This is because these legal aspects are governed in part by the law of the state that applies to a particular mortgaged property and the laws of the states may vary substantially.

### Security Instruments

*Mortgages and Deeds of Trust.* Mortgage loans are evidenced by promissory notes or other similar evidences of the indebtedness secured by first mortgages, deeds of trust or similar security instruments (each, a “mortgage”), depending upon the prevailing practice and law in the state in which the related mortgaged property is located, on residential properties consisting of one- to four-family dwelling units, townhouses, individual condominium units, individual units in planned unit developments, individual co-operative units, manufactured homes or leaseholds. Each mortgage note and related mortgage loan are obligations of one or more mortgagors and require the related mortgagor to make monthly payments of principal and interest. In some states, a mortgage or deed of trust creates a lien upon the real property encumbered by the mortgage or deed of trust. However, in other states, the mortgage or deed of trust conveys legal title to the property, respectively, to the mortgagee or to a trustee for the benefit of the mortgagee subject to a condition subsequent (i.e., the payment of the indebtedness secured thereby). The lien created by the mortgage or deed of trust is not prior to the lien for real estate taxes and assessments and other charges imposed under governmental police powers. Priority between mortgages depends on their terms or on the terms of separate subordination or inter-creditor agreements, on the knowledge of the parties in some cases and generally on the order of recordation of the mortgages in the appropriate recording office. There are two parties to a mortgage, the mortgagor, who is homeowner, and the mortgagee, who is the lender. In the case of a land trust, there are three parties because title to the property is held by a land trustee under a land trust agreement of which the mortgagor is the beneficiary; at origination of a mortgage loan, the mortgagor executes a separate undertaking to make payments on the mortgage note. Although a deed of trust is similar to a mortgage, a deed of trust has three parties: the trustor, who is the mortgagor-homeowner; the beneficiary, who is the lender; and a third-party grantee called the trustee. Under a deed of trust, the mortgagor grants the property, irrevocably until the debt is paid, in trust, generally with a power of sale, to the trustee to secure payment of the obligation. The trustee’s authority under a deed of trust, the grantee’s authority under a deed to secure debt and the mortgagee’s authority under a mortgage are governed by the law of the state in which the real property is located, the express provisions of the deed of trust or mortgage, and, in deed of trust transactions, the directions of the beneficiary.

*Co-operative Loans.* A co-operative is owned by tenant-stockholders, who, through ownership of stock, shares or membership certificates in the corporation, receive proprietary leases or occupancy agreements which confer exclusive rights to occupy specific co-operative units. The co-operative owns the real property and the specific units and is responsible for management of the property. An ownership interest in a co-operative and the accompanying rights are financed through a co-operative share loan evidenced by a promissory note and secured by a security interest in the co-operative shares or occupancy agreement or proprietary lease.

### Foreclosure

*Foreclosing Mortgages and Deeds of Trust.* Foreclosure of a deed of trust in most states is generally most efficiently accomplished by a non-judicial trustee’s sale under a specific provision in the deed of trust which authorizes the trustee to sell the property upon any default by the mortgagor under the terms of the note or deed of trust. In addition to any notice requirements contained in a deed of trust, in some states the trustee must record a notice of default and send a copy to the trustor and to any person who has recorded a request for a copy of notice of default and notice of sale. In addition, the trustee must provide notice in some states to any other individual having an interest of record in the real property, including any junior lienholders.

In some states, the trustor has the right to reinstate the loan at any time following default until shortly before the trustee’s sale. Generally in these states, the mortgagor, or any other person having a junior encumbrance on the real estate, may, during a reinstatement period, cure the default by paying the entire amount in arrears plus

the costs and expenses incurred in enforcing the obligation. If the deed of trust is not reinstated within a specified period, a notice of sale must be posted in a public place and, in most states, published for a specific period of time in one or more newspapers in a specified manner prior to the date of trustee's sale. In addition, some state laws require that a copy of the notice of sale be posted on the property and sent to all parties having an interest of record in the real property.

Generally, the foreclosure action is initiated by the service of legal pleadings upon all parties having an interest of record in the real property. Delays in completion of the foreclosure may occasionally result from difficulties in locating necessary parties. Over the past few years, judicial foreclosure proceedings have become increasingly contested, with challenges often raised to the right of the foreclosing party to maintain the foreclosure action. The resolution of these proceedings can be time-consuming.

In the case of foreclosure under either a mortgage or a deed of trust, the sale by the referee or other designated officer or by the trustee is a public sale. The proceeds received by the referee or trustee from the sale are typically applied first to the costs, fees and expenses of the sale and then in satisfaction of the indebtedness secured by the mortgage or deed of trust under which the sale was conducted. Any remaining proceeds are generally payable to the holders of junior mortgages or deeds of trust and other liens and claims in order of their priority, whether or not the mortgagor is in default under such instruments. Any additional proceeds are generally payable to the mortgagor or trustor. The payment of the proceeds to the holders of junior mortgages may occur in the foreclosure action of the senior mortgagee or may require the institution of separate legal proceedings. It is common for the lender to purchase the property from the trustee, referee or other designated officer for a credit bid less than or equal to the unpaid principal amount of the note plus the accrued and unpaid interest and fees due under the note and the expense of foreclosure. If the credit bid is equal to, or more than, the mortgagor's obligations on the loan, the mortgagor's debt will be extinguished. However, if the lender purchases the property for an amount less than the total amount owed to the lender, it typically preserves its right against a mortgagor to seek a deficiency judgment if such a remedy is available under state law and the related loan documents, in which case the mortgagor's obligation will continue to the extent of the deficiency. Regardless of the purchase price paid by the foreclosing lender, the lender will be responsible to pay the costs, fees and expenses of the sale, which sums are generally added to the mortgagor's indebtedness. In some states, there is a statutory minimum purchase price which the lender must offer for the property and generally, state law controls the maximum amount of foreclosure costs and expenses, including attorneys' fees, which may be recovered by a lender. Thereafter, subject to the right of the mortgagor in some states to remain in possession during any redemption period, the lender will assume the burdens of ownership, including obtaining hazard insurance, paying taxes and making the repairs at its own expense as are necessary to render the property suitable for sale. Generally, the lender will obtain the services of a real estate broker or auction company and pay the broker's or auctioneer's commission in connection with the subsequent sale of the property. Depending upon market conditions, the ultimate proceeds of the sale of the property may not equal the lender's investment in the property and, as described above, in some states, the lender may be entitled to a deficiency judgment.

Foreclosure proceedings are governed in part by general equitable principles. Some of these equitable principles are designed to relieve the mortgagor from the legal effect of its defaults under the loan documents. Examples of judicial remedies that have been fashioned include judicial requirements that the lender undertake affirmative and expensive actions to determine the causes for the mortgagor's default and the likelihood that the mortgagor will be able to reinstate the loan. In some cases, courts have substituted their judgment for the lender's judgment and have required that lenders reinstate loans or recast payment schedules in order to accommodate mortgagors who are suffering from temporary financial hardship. In other cases, courts have limited the right of the lender to foreclose if the default under the mortgage instrument is not monetary, such as the mortgagor's failure to adequately maintain the property or the mortgagor's execution of a second mortgage or deed of trust affecting the property. Finally, some courts have been faced with the issue of whether or not federal or state constitutional provisions reflecting due process concerns for adequate notice require that mortgagors under deeds of trust or mortgages receive notices in addition to the statutorily-prescribed minimums for the content and timing of such notices. For the most part, these cases have upheld the notice provisions as being reasonable or have found that the sale by a trustee under a deed of trust, or under a mortgage having a power of sale, does not involve sufficient state action to afford constitutional protection to the mortgagor.



Under certain loan modification programs, to the extent a servicer is considering qualifying the related mortgagor for a loan modification after foreclosure proceedings have already been initiated, our Guide and, for mortgaged properties that are principal residences, CFPB regulations, require the servicer to halt foreclosure proceedings until it has determined whether the mortgagor has qualified for the loan modification.

In response to an unusually large number of foreclosures in recent years, a growing number of states have enacted laws that subject the holder to certain notice and/or waiting periods prior to commencing a foreclosure. In some instances, these laws require the servicer of the mortgage to consider modification of the mortgage or an alternative option prior to proceeding with foreclosure. The effect of these laws has been to delay foreclosure in particular jurisdictions.

Some mortgages or the “Assignments of Mortgage” may have been recorded in the name of MERS solely as nominee for the originator and its successors and assigns. Subsequent assignments of those mortgages are registered electronically through the MERS system. The recording of mortgages in the name of MERS has been challenged in a number of states. Although many decisions have accepted MERS as mortgagee, a few courts have held that MERS is not a proper party to conduct a foreclosure and have required that the mortgage be reassigned to the entity that is the economic owner of the mortgage loan before a foreclosure can be conducted. In states where such a rule is in effect, there may be delays and additional costs in commencing, prosecuting and completing foreclosure proceedings and conducting foreclosure sales of mortgaged properties. In addition, mortgagors are raising new challenges to the recording of mortgages in the name of MERS, including challenges questioning the ownership and enforceability of mortgage loans registered in MERS. An adverse decision in any jurisdiction may delay the foreclosure process.

With respect to any mortgage loans registered on the MERS system, the servicer must comply with all of the requirements of MERS regarding instituting foreclosure proceedings. In addition, mortgage loans registered in the MERS system will be required to be removed from the MERS system by the servicer upon 90 days of delinquency.

*Foreclosing Co-operative Loans.* The co-operative shares owned by the tenant-stockholder and pledged to the lender or lender’s agent or trustee are, in almost all cases, subject to restrictions on transfer as set forth in the co-operative’s certificate of incorporation and bylaws, as well as the tenant-stockholder’s proprietary lease or occupancy agreement, and may be cancelled by the co-operative for failure by the tenant-stockholder to pay rent or other obligations or charges owed by such tenant-stockholder, including mechanics’ liens against the co-operative’s property incurred by such tenant-stockholder. A proprietary lease or occupancy agreement generally permits the co-operative to terminate such lease or agreement in the event a tenant-stockholder fails to make payments or defaults in the performance of covenants required thereunder. Furthermore, a default by the tenant-stockholder under the proprietary lease or occupancy agreement will usually constitute a default under the security agreement between the lender and the tenant-stockholder.

Typically, the lender and the co-operative enter into a recognition agreement which establishes the rights and obligations of both parties in the event of a default by the tenant-stockholder with respect to its obligations under the proprietary lease or occupancy agreement and/or the security agreement. The recognition agreement generally provides that, in the event that the tenant-stockholder has defaulted under the proprietary lease or occupancy agreement, the co-operative will take no action to terminate such lease or agreement until the lender has been provided with an opportunity to cure the defaults. The recognition agreement typically provides that if the proprietary lease or occupancy agreement is terminated, the co-operative will recognize the lender’s lien in respect of the proprietary lease or occupancy agreement, and will deliver to the lender the proceeds from the sale of the co-operative apartment unit to a third party up to the amount to which the lender is entitled by reason of its lien, subject to the co-operative’s right to sums due under such proprietary lease or occupancy agreement. The total amount owed to the co-operative by the tenant-stockholder, which the lender generally cannot restrict and does not monitor, may reduce the proceeds available to the lender to an amount below the outstanding principal balance of the co-operative loan and accrued and unpaid interest thereon.

Recognition agreements typically also provide that in the event of a foreclosure on a co-operative loan, the lender must obtain the approval or consent of the co-operative as required by the proprietary lease or occupancy agreement before transferring the co-operative shares or assigning the proprietary lease to a third-party. Generally, the lender is not limited in any rights it may have to dispossess the tenant-stockholders.

In some states, foreclosure on the co-operative shares is accomplished by a sale in accordance with the provisions of Article 9 and the security instrument relating to those shares. Article 9 requires that a sale be conducted in a “commercially reasonable” manner. Whether a foreclosure sale has been conducted in a “commercially reasonable” manner will vary depending on the facts in each case and state law. In determining commercial reasonableness, a court typically will look to the notice (which generally includes a publication requirement) given the mortgagor and third parties and the method, manner, time, place and terms of the foreclosure.

As described above, any provision in the recognition agreement regarding the right of the co-operative to receive sums due under the proprietary lease or occupancy agreement prior to the lender’s reimbursement supplements any requirement under Article 9 that the proceeds of the sale will be applied first to pay the costs and expenses of the sale and then to satisfy the indebtedness secured by the lender’s security interest. If there are proceeds remaining after application to costs and expenses of the sale, amounts due under the proprietary lease or occupancy agreement, and satisfaction of the indebtedness, the lender must account to the tenant-stockholder for such surplus. Conversely, if a portion of the indebtedness remains unpaid, the tenant-stockholder is generally responsible for the deficiency.

In the case of foreclosure on a co-operative that was converted from a rental building to a co-operative under a non-eviction plan, some states require that a purchaser at a foreclosure sale take the property subject to rent control and rent stabilization laws which apply to certain tenants who elected to remain in the building but who did not purchase shares in the co-operative when the building was so converted.

### **Rights of Redemption**

The purpose of a foreclosure action in respect of a mortgaged property is to enable the lender to realize upon its security and to bar the mortgagor, and all persons who have interests in the property that are subordinate to that of the foreclosing lender, from exercise of their “equity of redemption.” The doctrine of equity of redemption provides that, until the property encumbered by a mortgage has been sold in accordance with a properly conducted foreclosure and foreclosure sale, those having interests that are subordinate to that of the foreclosing lender have an equity of redemption and may redeem the property by paying the entire debt with interest. Those having an equity of redemption must generally be made parties and joined in the foreclosure proceeding and provided statutorily prescribed notice, in the case of a non-judicial foreclosure, in order for their equity of redemption to be terminated.

The equity of redemption is a common-law (non-statutory) right which should be distinguished from post-sale statutory rights of redemption. In some states, after a trustee’s sale pursuant to a deed of trust or foreclosure of a mortgage, the mortgagor and foreclosed junior lienors are given a statutory period in which to redeem the property. In some states, statutory redemption may occur only upon payment of the foreclosure sale price. In other states, redemption may be permitted if the former mortgagor pays only a portion of the sums due. The effect of a statutory right of redemption is to diminish the ability of the lender to sell the foreclosed property because the exercise of a right of redemption would defeat the title of any purchase through a foreclosure. Consequently, the practical effect of the redemption right is to force the lender to maintain the property and pay the expenses of ownership until the redemption period has expired. In some states, a post-sale statutory right of redemption may exist following a judicial foreclosure, but not following a trustee’s sale under a deed of trust.

### **Anti-Deficiency Legislation and Other Limitations on Lenders**

Some states have imposed statutory prohibitions which limit the remedies of a beneficiary under a deed of trust or a mortgagee under a mortgage. In some states (including California), statutes limit the right of the beneficiary or mortgagee to obtain a deficiency judgment against the mortgagor following non-judicial foreclosure by power of sale. A deficiency judgment is a personal judgment against the former mortgagor equal in most cases to the difference between the net amount realized upon the public sale of the real property and the amount due to the lender. In the case of a mortgage loan secured by a property owned by a trust where the mortgage note is executed on behalf of the trust, a deficiency judgment against the trust following foreclosure or sale under a deed of trust, even if obtainable under applicable law, may be of little value to the mortgagee or beneficiary if there are no trust assets against which the deficiency judgment may be executed. Some state

statutes require the beneficiary or mortgagee to exhaust the security afforded under a deed of trust or mortgage by foreclosure in an attempt to satisfy the full debt before bringing a personal action against the mortgagor. In other states, the lender has the option of bringing a personal action against the mortgagor on the debt without first exhausting the security; however in some of these states, the lender, following judgment on the personal action, may be deemed to have elected a remedy and may be precluded from exercising other remedies, including with respect to the security. Consequently, the practical effect of the election requirement, in those states permitting the election, is that lenders will usually proceed against the security first rather than bringing a personal action against the mortgagor. This also allows the lender to avoid the delays and costs associated with going to court. Finally, in some states, statutory provisions limit any deficiency judgment against the former mortgagor following a foreclosure to the excess of the outstanding debt over the fair value of the property at the time of the public sale. The purpose of these statutes is generally to prevent a beneficiary or mortgagee from obtaining a large deficiency judgment against the former mortgagor as a result of low or no bids at the foreclosure sale.

In addition to laws limiting or prohibiting deficiency judgments, numerous other federal and state statutory provisions, including the federal bankruptcy laws and state laws affording relief to debtors, may interfere with or affect the ability of the secured mortgage lender to realize upon collateral or enforce a deficiency judgment. For example, under the United States Bankruptcy Code, virtually all actions (including foreclosure actions and deficiency judgment proceedings) to collect a debt are automatically stayed upon the filing of the bankruptcy petition and, often, no interest or principal payments are made during the course of the bankruptcy case. The delay and the consequences thereof caused by the automatic stay can be significant. Also, under the United States Bankruptcy Code, the filing of a petition in a bankruptcy by or on behalf of a junior lienor may stay the senior lender from taking action on a property that secures the junior lien. Moreover, with respect to federal bankruptcy law, a court with federal bankruptcy jurisdiction may permit a debtor through his or her Chapter 11 or Chapter 13 rehabilitative plan to cure a monetary default in respect of a mortgage loan on a debtor's residence by paying arrearage within a reasonable time period and reinstating the original mortgage loan payment schedule even though the lender accelerated the mortgage loan and final judgment of foreclosure had been entered in state court (provided no sale of the residence had yet occurred) prior to the filing of the debtor's petition. Some federal bankruptcy courts have approved plans, based on the particular facts of the reorganization case, that effected the curing of a mortgage loan default by paying arrearage over a number of years.

Federal bankruptcy courts have also held that the terms of a mortgage loan secured by property of the debtor may be modified. These courts have allowed modifications that include reducing the amount of each monthly payment, changing the rate of interest, altering the repayment schedule, forgiving all or a portion of the debt and reducing the lender's security interest to the value of the residence, thus leaving the lender a general unsecured creditor for the difference between the value of the residence and the outstanding balance of the loan. Generally, however, the terms of a mortgage loan secured only by a mortgage on real property that is the debtor's principal residence may not be modified pursuant to a plan confirmed pursuant to Chapter 13 except with respect to mortgage payment arrearages, which may be cured within a reasonable time period.

Tax liens arising under the Code may have priority over the lien of a mortgage or deed of trust.

Substantive requirements are imposed upon mortgage lenders and servicers in connection with the origination and the servicing of mortgage loans by numerous federal and some state consumer protection laws and their implementing regulations. These laws and regulations include TILA and Regulation Z (including TRID), RESPA and Regulation X, the Equal Credit Opportunity Act and Regulation B, the Fair Credit Reporting Act and Regulation V and similar statutes. These federal laws impose specific statutory liabilities upon lenders who originate mortgage loans and who fail to comply with the provisions of the law. Further, violations of the laws could result in a mortgagor's defense to foreclosure or an unwinding or rescission of the loan. In some cases, this liability may affect assignees of the mortgage loans; however we may require a seller or servicer who violated applicable law to repurchase the related mortgage loan, compensate us for any losses incurred and/or indemnify us against future losses.

## **Environmental Legislation**

Under CERCLA, and under state law in some states, a secured party that participates in managing a mortgaged property, takes a deed-in-lieu of foreclosure, purchases a mortgaged property at a foreclosure sale or

operates a mortgaged property may become liable for the costs of cleaning up hazardous substances regardless of whether the secured party has contaminated the property. CERCLA imposes strict, as well as joint and several, liability on several classes of potentially responsible parties, including current owners and operators of the property who did not cause or contribute to the contamination. Furthermore, liability under CERCLA is not limited to the original or unamortized principal balance of a loan or to the value of the property securing a loan. Lenders may be held liable under CERCLA as owners or operators unless they qualify for the secured creditor exemption to CERCLA. This exemption exempts from the definition of owners and operators those who, without participating in the management of a facility, hold indicia of ownership primarily to protect a security interest in the facility.

The Conservation Act amended, among other things, the provisions of CERCLA with respect to lender liability and the secured creditor exemption. The Conservation Act offers substantial protection to lenders by defining the activities in which a lender can engage and still have the benefit of the secured creditor exemption. In order for a lender to be deemed to have participated in the management of a mortgaged property, the lender must participate in the operational affairs of the property of the mortgagor, whether directly or indirectly. The Conservation Act provides that “merely having the capacity to influence, or unexercised right to control” operations does not constitute participation in management. A lender will lose the protection of the secured creditor exemption only if it exercises decision-making control over the mortgagor’s environmental compliance and hazardous substance handling and disposal practices, assumes day-to-day management of all operational functions of the mortgaged property, or imposes limitations on a mortgagor’s spending for such purposes. The Conservation Act also provides that a lender will continue to have the benefit of the secured creditor exemption even if it forecloses on a mortgaged property, purchases it at a foreclosure sale or accepts a deed-in-lieu of foreclosure provided that the lender seeks to sell the mortgaged property at the earliest practicable commercially reasonable time on commercially reasonable terms and complies with other requirements.

Other federal and state laws may impose liability on a secured party that takes a deed-in-lieu of foreclosure, purchases a mortgaged property at a foreclosure sale, or operates a mortgaged property on which contaminants other than CERCLA hazardous substances are present, including petroleum, agricultural chemicals, asbestos, radon, and lead-based paint. The cleanup costs may be substantial. Moreover, federal and state statutes may impose a lien for any cleanup costs incurred by the state on the property that is the subject of the cleanup costs. All subsequent liens on the property generally are subordinated to the lien and, in some states, even prior recorded liens are subordinated to such lien. In the latter states, the security interest of the trustee in a related parcel of real property that is subject to the lien could be adversely affected.

Traditionally, many residential mortgage lenders have not taken steps to evaluate whether contaminants are present with respect to any mortgaged property prior to the origination of the mortgage loan or prior to foreclosure or accepting a deed-in-lieu of foreclosure. Accordingly, none of the originators nor any other party has made the evaluations prior to the origination of the related mortgage loan.

## **Consumer Protection Laws**

In addition, substantive requirements are imposed upon mortgage lenders in connection with the origination and the servicing of mortgage loans by numerous federal and some state consumer protection laws. These laws include TILA, the Real Estate Settlement Procedures Act, TRID, the Equal Credit Opportunity Act, the Fair Credit Reporting Act and related statutes and regulations promulgated thereunder. These federal laws impose specific statutory liabilities upon lenders who originate mortgage loans and who fail to comply with the provisions of the law. In some cases, this liability may affect assignees of the mortgage loans. In particular, an originator’s failure to comply with certain requirements of TILA and Regulation Z promulgated thereunder, could subject both originators and assignees of such obligations to monetary penalties and could result in obligors’ rescinding the mortgage loans either against the originators or assignees or in a defense to foreclosure of the loan. Further, the failure of the mortgagor to use the correct form of notice of right to cancel in connection with non-purchase money transactions could subject the originator and assignees to extended mortgagor rescission rights.

The CFPB issued the ATR Rule, effective January 10, 2014 and significantly revised in October 2022, that amends Regulation Z to require that creditors make a good faith determination that a consumer will have a

reasonable ability to repay a residential mortgage loan according to its terms. The ATR Rule generally sets forth eight underwriting factors that creditors must use in making this determination. However, the ATR Rule also provides that if creditors make a special type of loan, known as a “qualified mortgage” as defined in the ATR Rule, the creditor will be presumed to have met the general requirements under the ATR Rule. Qualified mortgages with annual percentage rates under certain thresholds qualify for a safe harbor from liability under the ATR Rule, while qualified mortgages with annual percentage rates that exceed those thresholds will only have a rebuttable presumption of compliance with the ATR Rule. TILA and the ATR Rule impose specific statutory liabilities upon creditors and certain assignees who fail to comply with the ATR Rule, including: (1) actual damages; (2) specified statutory damages; (3) attorneys’ fees and costs; and (4) the sum of all fees and finance charges paid by the borrower on the mortgage loan, which may affect assignees of such loans.

### **Federal and State Anti-Predatory Lending Laws and Restrictions on Servicing**

Under the anti-predatory lending laws of some states, the mortgagor is required to meet a net tangible benefits test in connection with the origination of the mortgage loan. This test may be highly subjective and open to interpretation. As a result, a court may determine that a mortgage loan does not meet the test even if the originator reasonably believed that the test was satisfied.

In rules promulgated under the Dodd-Frank Act by the CFPB, effective with respect to applications for loans taken on or after January 10, 2014, the thresholds for coverage under HOEPA, the primary anti-predatory lending law, have been lowered and that statute has become more stringent. State laws that replicate HOEPA have also become more onerous in their respective requirements.

Local, state and federal legislatures, state and federal banking regulatory agencies, state attorneys general offices, the Federal Trade Commission, the Department of Justice, the Department of Housing and Urban Development and state and local governmental authorities have continued to focus on lending and servicing practices by some companies, primarily in the non-prime lending industry, sometimes referred to as “predatory lending” and “abusive servicing” practices. Sanctions have been imposed by various agencies for practices such as charging excessive fees, imposing higher interest rates than the credit risk of some mortgagors warrant, failing to disclose adequately the material terms of loans to mortgagors and abusive servicing and collections practices.

On July 21, 2010, the Dodd-Frank Act was signed into law. The Dodd-Frank Act, which is designed to improve accountability and transparency in the financial system and to protect consumers from abusive financial services practices, creates various new requirements affecting mortgage servicers, including mandatory escrow accounts for certain mortgage loans; notice requirements for consumers who waive escrow services; certain prohibitions related to mortgage servicing with respect to force-placed hazard insurance, qualified written requests, requests to correct certain servicing errors, and requests concerning the identity and contact information for an owner or assignee of a loan; requirements for prompt crediting of payments, processing of payoff statements, and monthly statements with certain disclosures for adjustable rate mortgage loans; and late fee restrictions on high cost loans. In addition, a new executive agency and consumer financial regulator, the CFPB, was established in the Federal Reserve System under the Dodd-Frank Act. On July 21, 2011, the regulation of the offering and provision of consumer financial products or services, including mortgage servicing, under federal consumer financial laws, was generally transferred and consolidated into the CFPB.

The Dodd-Frank Act sets forth certain objectives for and the functions of the CFPB. The objectives of the CFPB, as identified under the Dodd-Frank Act, are to ensure that: (1) consumers are provided with timely and understandable information to make responsible decisions about financial transactions; (2) consumers are protected from unfair, deceptive, or abusive acts and practices and from discrimination; (3) outdated, unnecessary, or unduly burdensome regulations are regularly identified and addressed in order to reduce unwarranted regulatory burdens; (4) federal consumer financial law is enforced consistently, without regard to the status of a person as a depository institution, in order to promote fair competition; and (5) markets for consumer financial products and services operate transparently and efficiently to facilitate access and innovation. The primary functions of the CFPB under the Dodd-Frank Act are: (1) conducting financial education programs; (2) collecting, investigating, and responding to consumer complaints; (3) collecting, researching, monitoring, and publishing information relevant to the functioning of markets for consumer financial products and services to identify risks to consumers and the proper functioning of such markets; (4) subject to certain sections of the



Dodd-Frank Act, supervising covered persons for compliance with federal consumer financial law, and taking appropriate enforcement action to address violations of federal consumer financial law; (5) issuing rules, orders, and guidance implementing federal consumer financial law; and (6) performing such support activities as may be necessary or useful to facilitate the other functions of the CFPB.

Several federal, state and local laws, rules and regulations have been adopted, or are under consideration, that are intended to protect consumers from predatory lending and abusive servicing practices, and in some instances establish or propose a servicing standard and duty of care for mortgage servicers. On January 4, 2011, the CFPB implementation team entered into an information sharing memorandum of understanding with the Conference of State Bank Supervisors to promote state and federal cooperation and consistent examination procedures among regulators of providers of consumer financial products and services, including mortgage servicers.

### **Enforceability of Due-On-Sale Clauses**

Mortgage loans typically include “due-on-sale clauses” which allow the holder of such mortgage loan to demand payment in full of the remaining principal balance upon sale or certain transfers of the property securing such mortgage loan. The enforceability of these clauses has been the subject of legislation or litigation in many states, and in some cases the enforceability of these clauses was limited or denied. However, the Garn-St Germain Act preempts state constitutional, statutory and case law that prohibits the enforcement of due-on-sale clauses and permits lenders to enforce these clauses in accordance with their terms, subject to limited exceptions. The Garn-St Germain Act does “encourage” lenders to permit assumption of loans at the original rate of interest or at some other rate less than the average of the original rate and the market rate.

The Garn-St Germain Act also sets forth nine specific instances in which a mortgage lender covered by the Garn-St Germain Act may not exercise a due-on-sale clause, notwithstanding the fact that a transfer of the property may have occurred. Under the Guide, we have expanded the Garn-St Germain Act’s list of permissible transfers of property with respect to which a mortgage lender may not exercise a due-on-sale clause. These include, amongst others, certain intra-family transfers, some transfers by operation of law, leases of fewer than three years and the creation of a junior encumbrance. Regulations promulgated under the Garn-St Germain Act also prohibit the imposition of a prepayment penalty upon the acceleration of a loan pursuant to a due-on-sale clause.

### **Subordinate Financing**

When a mortgagor encumbers their mortgaged property with one or more junior liens, the senior lender is subjected to additional risk. First, the mortgagor may have difficulty servicing and repaying multiple loans. Second, acts of the senior lender that prejudice the junior lender or impair the junior lender’s security may create a superior equity in favor of the junior lender. For example, if the mortgagor and the senior lender agree to an increase in the principal amount of or the interest rate payable on the senior loan, the senior lender may lose its priority to the extent an existing junior lender is harmed or the mortgagor is additionally burdened. Third, if the mortgagor defaults on the senior loan and/or any junior loan or loans, the existence of junior loans and actions taken by junior lenders can impair the security available to the senior lender and can interfere with or delay the taking of action by the senior lender. Moreover, the bankruptcy of a junior lender may operate to stay foreclosure or similar proceedings by the senior lender. In addition, the consent of the junior lender is sometimes required in connection with loan modifications, short sales and deeds-in-lieu of foreclosure, which may delay or prevent the loss mitigation actions taken by the senior lender.

### **Applicability of Usury Laws**

Title V of the Depository Institutions Deregulation and Monetary Control Act of 1980 (“Title V”) provides that state usury limitations shall not apply to some types of residential first mortgage loans originated by some lenders after March 31, 1980. A similar federal statute was in effect with respect to mortgage loans made during the first three months of 1980. The Office of the Comptroller of the Currency is authorized to issue rules and regulations and to publish interpretations governing implementation of Title V. The statute authorized any state to reimpose interest rate limits by adopting, before April 1, 1983, a law or constitutional provision which



expressly rejects application of the federal law. In addition, even where Title V is not so rejected, any state is authorized by the law to adopt a provision limiting discount points or other charges on mortgage loans covered by Title V. Some states have taken action to reimpose interest rate limits or to limit discount points or other charges.

### **Forfeitures in Drug and RICO Proceedings**

Federal law provides that property owned by persons convicted of drug-related crimes or of criminal violations of RICO can be seized by the government if the property was used in, or purchased with the proceeds of, these crimes. Under procedures contained in the Comprehensive Crime Control Act of 1984, the government may seize the property even before conviction. The government must publish notice of the forfeiture proceeding and may give notice to all parties “known to have an alleged interest in the property,” including the holders of mortgage loans. A lender may avoid forfeiture of its interest in the property if it establishes that: (1) its mortgage was executed and recorded before commission of the crime upon which the forfeiture is based, or (2) the lender was, at the time of execution of the mortgage, “reasonably without cause to believe” that the property was used in, or purchased with the proceeds of, illegal drug or RICO activities.

### **Servicemembers Civil Relief Act**

Under the terms of the Relief Act, various rights and protections apply to a mortgagor who is a servicemember who enters military service. For purposes of the application of the Relief Act to a servicemember, military service includes (i) active duty by a member of the Army, Navy, Air Force, Marine Corps or Coast Guard (including a member of the reserves called to active duty and a member of the National Guard activated under a federal call to active duty), (ii) service by a member of the National Guard under a call to active service authorized by the President of the United States or the Secretary of Defense for a period of more than 30 consecutive days for purposes of responding to a national emergency declared by the President and supported by federal funds, and (iii) active service by a commissioned officer of either the Public Health Service or the National Oceanic and Atmospheric Administration. In addition, certain provisions of the Relief Act also apply to (i) a member of a reserve component upon receipt of an order to report for military service, and (ii) a person ordered to report for induction under the Military Selective Service Act upon receipt of an order for induction. Upon application to a court, a dependent of a servicemember is also entitled to certain limited protections under the Relief Act if the dependent’s ability to comply with an obligation is materially affected by reason of the servicemember’s military service.

## CERTAIN UNITED STATES FEDERAL INCOME TAX CONSEQUENCES

### General

The following is a general discussion of the anticipated material federal income tax consequences relating to the purchase, ownership and transfer of Notes. It does not address all the federal income tax consequences that may apply to particular categories of investors. Some investors may be subject to special rules. The tax laws and other authorities for this discussion are subject to change or differing interpretations, and any change or interpretation may apply retroactively. You should consult your own tax advisors to determine the federal, state, local and any other tax consequences that may be relevant to you.

### REMIC Election

One or more elections will be made to treat the Designated Q-REMIC Interests and certain other assets as one or more REMICs under the Code. Assuming (1) such elections, (2) compliance with the applicable agreements and (3) compliance with changes in the law, Shearman & Sterling LLP will deliver its opinion that each REMIC elected under the Indenture will be treated as a REMIC for federal income tax purposes. In that case, the REMICs will not be subject to tax. The Regular Interests will be designated as the “regular interests” in a REMIC, and the Residual Certificates will represent ownership of the sole class of “residual interests” in one or more REMICs.

For federal income tax purposes, the Notes will represent beneficial ownership of a Regular Interest as well as rights under an NPC. The NPC will represent the rights of the Holders of the Notes to receive any portion of the Transfer Amount in excess of the IO Yield for any Payment Date. Freddie Mac intends to treat the rights of Holders under the NPC, for tax reporting purposes, as having a *de minimis* value. The rights under the NPC will not be assets held by, or an obligation of, any REMIC. The Grantor Trust will be treated as a grantor trust under subpart E, part I of subchapter J of the Code, and the Notes will represent undivided beneficial interests in their respective portions of the Grantor Trust.

Enhanced Relief Refinance Reference Obligations will not become part of the Reference Pool unless the IRS provides favorable guidance permitting Enhanced Relief Refinance Reference Obligations to be covered within the underlying Q-REMIC.

### Status of the Notes

The Regular Interests will constitute assets described in Code Section 7701(a)(19)(C) and “real estate assets” under Code Section 856(c)(4)(A) to the extent the assets of the related REMIC are so treated. Interest on the Regular Interests will be “interest on obligations secured by mortgages on real property or on interests in real property” within the meaning of Code Section 856(c)(3)(B) in the same proportion that the income of the REMIC is so treated. If at all times 95% or more of the assets or income of the related REMIC qualifies for any of the foregoing treatments, the Regular Interests (and income on them) will qualify for the corresponding status in their entirety. The Regular Interests will be “qualified mortgages” under Code Section 860G(a)(3).

In addition, an NPC will not constitute an asset described as “real estate assets” under Code Section 856(c)(4)(A) or Code Section 7701(a)(19)(C). Similarly, payments received on an NPC will not constitute “interest on obligations secured by mortgages on real property or on interests in real property” within the meaning of Code Section 856(c)(3)(B). Finally, an NPC will not be a “qualified mortgage” under Code Section 860G(a)(3) or any other type of permitted investment for another REMIC.

### Taxation of the Regular Interests

#### General

The Regular Interests will be taxed as newly originated debt instruments for federal income tax purposes. Interest, OID and market discount accrued on a Regular Interest will constitute ordinary income to the Beneficial Owner of a Note. As the Beneficial Owner of a Regular Interest, you must account for interest income on the accrual method. As described below under “— Taxation of NPCs”, a Beneficial Owner must allocate its purchase price for the Notes between the corresponding Regular Interest and NPC based on their relative fair market values.

### ***Original Issue Discount***

The REMIC may issue certain Regular Interests with OID. A Beneficial Owner must include OID in income as it accrues, without regard to the timing of payments. In the absence of guidance which applies specifically to REMIC regular interests, Freddie Mac and the Indenture Trustee intend to report OID, if any, to the IRS and Beneficial Owners based on the Regulations under Code Sections 1271 through 1275.

The total amount of OID on a Regular Interest is the excess of its “stated redemption price” over its “issue price.” The issue price is the price at which a substantial portion of the Regular Interest is first sold to the public. The issue price generally includes any pre-issuance accrued interest unless you exclude such amount from the issue price and treat a portion of the stated interest payable on the first Payment Date as a return of that accrued interest rather than as an amount payable under the instrument. To the extent a non-*de minimis* allocation to the NPC reduces the issue price of the Regular Interest, it would make it more likely that the Regular Interest would be issued with OID.

In general, the stated redemption price is the sum of all payments except for stated interest actually payable at least annually based on a single fixed rate, certain variable rates, or certain combinations of fixed and variable rates. Interest based on certain variable rates or certain combinations of fixed and variable rates which would otherwise be excluded from the stated redemption price will be included in the stated redemption price if the excess, if any, of the issue price of the Regular Interest over the principal amount of the Regular Interest is more than 0.015 multiplied by the product of the principal amount and the weighted average maturity (as defined below) or, if the weighted average maturity of the Regular Interest is more than ten years, 15% of the principal amount.

Under a *de minimis* rule, OID on a Regular Interest will be considered zero and all interest payments will be excluded from the stated redemption price if the amount of the OID is less than 0.25% of the Class’s stated redemption price multiplied by the Class’s weighted average maturity. The weighted average maturity of a Regular Interest is computed based on the number of full years (*i.e.*, rounding down partial years) each distribution of principal is scheduled to be outstanding. A Pricing Speed of 10% CPR will be used as the relevant prepayment assumption in determining the rate of accrual of OID and market discount, if any, for federal income tax purposes.

The Beneficial Owner of an interest in a Regular Interest generally must include in income the OID accrued for each day on which the Beneficial Owner holds such interest, including the date of purchase, but excluding the date of disposition. The OID accruing on an interest in a Regular Interest in any period equals:

$$\text{PV End} + \text{Dist} - \text{PV Beg}$$

Where:

PV End = present value of all remaining distributions to be made as of the end of the accrual period;

Dist = distributions made during the accrual period includable in stated redemption price; and

PV Beg = present value of all remaining distributions as of the beginning of the accrual period.

The present value of the remaining distributions is calculated based on (1) the original yield to maturity of the Regular Interest, (2) events (including actual prepayments) that have occurred prior to the end of the period and (3) the Pricing Speed. For these purposes, the original yield to maturity of an interest in a Regular Interest will be calculated based on its issue price and assuming that it will be prepaid in all periods in accordance with the Pricing Speed. The OID accruing during any accrual period will then be divided by the number of days in the period to determine the daily portion of OID for each day. The daily portions of OID generally will increase if prepayments on the underlying Subordinate Q-REMIC Interest exceed the Pricing Speed and decrease if prepayments are slower than the Pricing Speed.

If OID accruing during any accrual period, computed as described above, is negative for any such period, you will be entitled to offset such amount only against future positive OID accruing from your Regular Interest, and we and the Indenture Trustee intend to report income to the IRS in all cases in this manner. The treatment of such negative amounts is not entirely clear. For example, you may be entitled to deduct a loss to the extent that your remaining basis would exceed the maximum amount of future payments to which you are entitled, assuming

no further prepayments of the underlying Subordinate Q-REMIC Interest (or, perhaps, assuming prepayments at a rate equal to the Pricing Speed). You should consult your tax advisors regarding a Regular Interest that has a negative amount of OID during any accrual period.

If you are the initial purchaser of interests in two or more Regular Interests issued from the same REMIC, you should be aware that the Regulations may treat such interests as a single debt instrument for purposes of the OID provisions.

If a subsequent Beneficial Owner of an interest in a Regular Interest acquires such interest for a price greater than its “adjusted issue price,” but less than its remaining stated redemption price, the daily portion for any day is reduced by an amount equal to the product of (1) such daily portion and (2) a fraction, the numerator of which is the amount by which the price exceeds the adjusted issue price and the denominator of which is the sum of the daily portions for such Regular Interest for all days on and after the date of purchase. The adjusted issue price of an interest in a Regular Interest on any given day is equal to its issue price, increased by all OID previously includable with respect to that interest and reduced by the amount of all previous distributions with respect to that interest included in its stated redemption price at maturity.

### ***Market Discount***

The market discount rules may also apply to you. Market discount equals the excess of (a) either the stated redemption price (less any prior distributions included in the stated redemption price) or, in the case of a Regular Interest having OID, the adjusted issue price over (b) your initial basis in the Regular Interest.

The Committee Report provides that, until the Treasury issues regulations, market discount would accrue (a) on the basis of a constant yield (similar to the method described above for accruing OID) or (b) alternatively, either (1) in the case of a Regular Interest issued without OID, in the ratio of stated interest distributable in the relevant period to the total stated interest remaining to be distributed from the beginning of such period (computed taking into account the Pricing Speed) or (2) in the case of a Regular Interest issued with OID, in the ratio of OID accrued for the relevant period to the total remaining OID at the beginning of such period.

You generally must recognize accrued market discount as ordinary income to the extent of any distributions includable in the stated redemption price. Moreover, you generally must treat a portion of any gain on a sale or exchange as ordinary income to the extent of the accrued, but unrecognized, market discount to the date of disposition. Alternatively, you may elect to include market discount in income currently as it accrues on all market discount instruments that you acquire in that taxable year or after. You may revoke such an election only with the consent of the IRS.

In addition, the deduction for a portion of interest expense on any indebtedness that you incur or maintain in order to purchase or carry an interest in a Regular Interest purchased with market discount may be required to be deferred. The deferred portion would not exceed the portion of market discount that accrues but is not taken into income currently. Any such deferred interest expense is, in general, allowed as a deduction not later than the year in which the related market discount income is recognized.

Under a *de minimis* rule, market discount with respect to a Regular Interest will be considered to be zero if the amount of the market discount is less than 0.25% of the Class’s stated redemption price multiplied by the Class’s weighted average maturity. The weighted average maturity of a Regular Interest is computed based on the number of full years (*i.e.*, rounding down partial years) that each distribution of principal is scheduled to be outstanding. You should consult your tax advisors regarding the application of the market discount rules as well as the advisability of making any election with respect to market discount.

### ***Premium***

An interest in a Regular Interest that is purchased at a cost (net of accrued interest) greater than its principal amount generally is considered to be purchased at a premium. You may elect under Code Section 171 to amortize such premium under the constant yield method, using the Pricing Speed. Such premium is an offset to interest income from a Regular Interest, rather than a separate interest deduction. In addition, the Committee Report indicates Congress intended that the methods for determining the accrual of market discount described above which are alternatives to accrual on the basis of a constant yield also will apply for purposes of amortizing bond

premium on obligations such as Regular Interests. An election made by you generally would apply to all your debt instruments, unless the election is revoked with the IRS's consent. If your election to amortize bond premium was effective as of October 22, 1986, you may choose to have such election apply to obligations issued after September 27, 1985.

### ***Constant Yield Election***

The Regulations allow you to elect to include in gross income all interest that accrues on a debt instrument by using the constant yield method. For purposes of this election, interest includes stated interest, *de minimis* OID, OID, *de minimis* market discount and market discount, as adjusted by any premium. You should consult your tax advisors regarding the advisability of making this election.

### ***Treatment of Losses***

The Beneficial Owners of Regular Interests will be required to report income with respect to their Regular Interests on the accrual method without giving effect to delays and reductions in payments attributable to defaults or delinquencies on any of the assets of the REMICs. In addition, potential investors are cautioned that while they may generally cease to accrue interest income if it reasonably appears that the interest will be uncollectible, the IRS may take the position that OID must continue to accrue in spite of its uncollectibility until the Note is disposed of in a taxable transaction or becomes worthless in accordance with the rules under Code Section 166. As a result, the amount of income required to be reported by a Beneficial Owner in any period could exceed the amount of cash paid to such Beneficial Owner in that period.

Although not entirely clear, it appears that (i) holders of Notes that are corporations generally should be allowed to deduct as an ordinary loss any loss sustained during the taxable year on account of any such Notes becoming wholly or partially worthless and (ii) holders of Notes that are not corporations generally should be allowed to deduct as a short-term capital loss any loss sustained during the taxable year on account of any such Notes becoming wholly worthless. Although the matter is not entirely clear, noncorporate holders of Notes may be allowed a bad debt deduction at such time that the principal balance of any such Notes is reduced for Tranche Write-Down Amounts. The IRS, however, could take the position that non-corporate holders will be allowed a bad debt deduction to reflect such Tranche Write-Down Amounts only after all Designated Q-REMIC Interests have been liquidated or the Notes have been otherwise retired. The IRS could also assert that losses on a Class of Notes are deductible based on some other method that may defer such deductions for all holders, such as reducing future cash flow for purposes of computing OID. This may have the effect of creating "negative" OID which, with the possible exception of the method discussed in the following sentence, would be deductible only against future positive OID or otherwise upon termination of the applicable Class. Although not free from doubt, a Beneficial Owner of a Note with negative OID may be entitled to deduct a loss to the extent that its remaining basis would exceed the maximum amount of future payments to which such holder was entitled, assuming no further prepayments (or, perhaps, assuming prepayments at the prepayment assumption). Potential investors and Holders of the Notes are urged to consult their tax advisors regarding the applicable timing, amount and character of any loss sustained with respect to Notes, including any loss resulting from the failure to recover previously accrued interest or discount income. Special loss rules are applicable to banks and thrift institutions, including rules regarding reserves for bad debts. Such taxpayers are advised to consult their tax advisors regarding the treatment of losses on Notes.

### ***Sale or Exchange of Regular Interests***

You generally will recognize gain or loss upon sale or exchange of a Regular Interest equal to the difference between the amount received and your adjusted basis in the Regular Interest. The adjusted basis in a Regular Interest generally will equal the cost of the Regular Interest, increased by income previously included and reduced (but not below zero) by previous distributions and by any amortized premium.

Except as described below, any gain or loss on the sale or exchange of a Regular Interest held as a capital asset will be capital gain or loss and will be long-term or short-term depending on whether the interest has been held for the long-term capital gain holding period (more than one year). Capital gains of individuals with respect to capital assets held for more than one year may be eligible for reduced rates of taxation. The deductibility of capital losses is subject to limitations.



Such gain or loss will be ordinary income or loss (1) for a bank or thrift institution; and (2) to the extent of any accrued, but unrecognized, market discount or to the extent income recognized by you is less than the income that you would have recognized if the yield on such interest were 110% of the applicable federal rate under Code Section 1274(d).

Investors are advised to consult their own tax advisor in calculating any gain or loss.

### **Taxation of NPCs**

Beneficial Owners of a Note must separately determine their tax bases for the Regular Interest and the NPC. For tax reporting purposes, the Trust will allocate the issue price of the Note to the Regular Interest and the NPC in accordance with their relative fair market values as of the Closing Date. This allocation is binding on Beneficial Owners unless they disclose the use of a different allocation on their tax returns. The Trust's allocation, however, is not binding on the IRS. Similarly, a Beneficial Owner that sells such Note is required to allocate the sale price for the Note to the Regular Interest and the NPC in proportion to their respective fair market values at the time of sale. Investors are advised to consult their own tax advisors regarding the allocations described above.

The NPC Premium will be treated as a "nonperiodic payment" under the Regulations relating to notional principal contracts. Under these Regulations, Beneficial Owners may amortize the NPC Premium under a level payment method as if the NPC Premium represents the present value of a series of equal payments made over the life of the NPC (adjusted to take into account decreases in notional amount), discounted at a rate equal to the rate used to determine the amount of the NPC Premium (or some other reasonable rate). We and the Indenture Trustee intend to report premium amortization with respect to an NPC in this manner based on our determination of the NPC Premium and an amortization schedule for such premium calculated as of the Closing Date. Consequently, our reporting with respect to the NPC Premium amortization may not be accurate for subsequent purchasers of such Notes. We and the Indenture Trustee intend to report premium amortization by periodically adjusting the schedule to reflect actual decreases in the notional amount.

Any payments received by a Beneficial Owner under an NPC will be treated as "periodic payments" under a notional principal contract, which must be taken into account under the accrual method of accounting. Any periodic payments received under an NPC will be netted against the NPC Premium amortization expense accrued in that period. Net income or loss with respect to an NPC for a taxable year will constitute ordinary income or ordinary loss. Certain Holders may be limited in their ability to deduct any such net loss. In this regard, Beneficial Owners of such Notes should be aware that miscellaneous items described in Code Section 67 are not deductible for taxable years beginning before January 1, 2026. Investors should consult their tax advisors regarding the effect, if any, of this provision on their individual circumstances.

Any proceeds from the sale or exchange of such Notes that are allocable to the Beneficial Owner's rights under the NPC would be considered a "termination payment" under the notional principal contract Regulations. A Beneficial Owner will recognize gain or loss from such termination of the NPC in an amount equal to (i) any termination payment deemed received minus (ii) the Beneficial Owner's unamortized basis in the NPC. Gain or loss realized upon the termination of the NPC generally will be treated as capital gain or loss. In the case of a bank or thrift institution, Code Section 582(c) likely would not apply to treat such gain or loss as ordinary.

Beneficial Owners should consult their own tax advisors regarding the timing, character and source of income and deduction resulting from their ownership of the Notes, including whether the Regular Interest and the NPC could be considered positions in a straddle.

### **Taxation of MACR Notes**

#### ***General***

Each MACR Pool will be classified as a grantor trust under subpart E, part I of subchapter J of the Code. The interests in the Exchangeable Notes that have been exchanged for MACR Notes will be the assets of the MACR Pool, and the MACR Notes will represent beneficial ownership of such interests in the Exchangeable Notes for federal income tax purposes.



### *Tax Accounting for MACR Notes*

A MACR Note will represent beneficial ownership of an interest in one or more related Exchangeable Notes. If it represents an interest in more than one Exchangeable Note, you must allocate your basis in the MACR Note among the interests in the Exchangeable Notes in accordance with their relative fair market values as of the time of acquisition. Similarly, on the sale of such a MACR Note, you must allocate the amount received on the sale among the interests in the Exchangeable Notes in accordance with their relative fair market values as of the time of sale.

As an investor in a MACR Note, you must account separately for each interest in an Exchangeable Note (there may be only one such interest). Where the interest represents a *pro rata* part of a Regular Interest, you should account for such interest as described under “— *Taxation of the Regular Interests*” above. Where the interest represents beneficial ownership of a disproportionate part of the principal and interest payments on one or more Regular Interests (a “**Strip**”), you will be treated as owning, pursuant to Code Section 1286, “stripped bonds” to the extent of your share of principal payments and “stripped coupons” to the extent of your share of interest payments on such Regular Interests. Although the tax treatment of a Strip is unclear, we and the Indenture Trustee intend to treat each Strip as a single debt instrument for purposes of information reporting. The IRS, however, could take a different position. For example, the IRS could contend that a Strip should be treated as a *pro rata* part of the Regular Interest to the extent that the Strip represents a *pro rata* portion of it, and “stripped bonds” or “stripped coupons” with respect to the remainder. You should consult your tax advisors regarding this matter.

We and the Indenture Trustee intend to report with respect to a MACR Note assuming that all payments on a Strip are included in the stated redemption price of the Strip. You should calculate OID with respect to each Strip and include it in ordinary income as it accrues, which may be prior to the receipt of cash attributable to such income, in accordance with a constant yield method that takes into account the compounding of interest. See “— *Taxation of the Regular Interests — Original Issue Discount*” above. You should determine your yield to maturity based on your purchase price allocated to the Strip and on a schedule of payments projected using a prepayment assumption, and then make periodic adjustments to take into account actual prepayment experience. It is not clear whether the prepayment assumption you should use to calculate OID would be determined at the time of purchase of the Strip or would be the original Pricing Speed with respect to the related Regular Interest. You should consult your tax advisors regarding this matter. For purposes of information reporting relating to OID, we and the Indenture Trustee will use the original yield to maturity of the Strip determined as of the Closing Date and calculated based on the original Pricing Speed.

If OID accruing with respect to a Strip, computed as described above, is negative for any period, you will be entitled to offset such amount only against future positive OID accruing from such Strip, and we and the Indenture Trustee intend to report income in all cases in this manner. Although not entirely free from doubt, you may be entitled to deduct a loss to the extent that your remaining basis would exceed the maximum amount of future payments to which you are entitled with respect to such Strip, assuming no further prepayments of the Subordinate Q-REMIC Interest (or, perhaps, assuming prepayments at a rate equal to the Pricing Speed). Although the issue is not free from doubt, all or a portion of such loss may be treated as a capital loss if you treat the Strip as a capital asset.

You will realize gain or loss on the sale of a Strip in an amount equal to the difference between the amount realized and your adjusted basis in the Strip. Your adjusted basis generally is equal to your allocated cost of the Strip, increased by income previously included, and reduced (but not below zero) by distributions previously received. Except as described below, any gain or loss on such sale will be capital gain or loss if you held your interest as a capital asset and will be long-term if the interest has been held for the long-term capital gain holding period (more than one year). Such gain or loss will be ordinary income or loss (1) for a bank or thrift institution or (2) to the extent income recognized by you is less than the income that would have been recognized if the yield on such interest were 110% of the applicable federal rate under Code Section 1274(d).

If you exchange an Exchangeable Note for several MACR Notes and then sell one of the MACR Notes, the sale will subject you to the coupon stripping rules of Code Section 1286. You must allocate your basis in the exchanged Exchangeable Note between the part of the Exchangeable Note underlying the MACR Note sold and the part of the Exchangeable Note underlying the MACR Notes retained in proportion to their relative fair market

values as of the date of such sale. You are treated as purchasing the interest retained for the amount of basis allocated to such interest. You must calculate OID with respect to the retained interest as described above.

Although the matter is not free from doubt, if you acquire in one transaction a combination of MACR Notes that may be exchanged for an Exchangeable Note, you should be treated as owning the Exchangeable Note.

### ***Exchanges of MACR Notes and Exchangeable Notes***

An exchange of an interest in one or more Exchangeable Notes for an interest in one or more MACR Notes, or vice versa (or, if permitted, an exchange of an interest in one or more MACR Notes for an interest in one or more other MACR Notes), will not be a taxable exchange. After the exchange, you will be treated as continuing to own the interests in the Exchangeable Note or Notes that you owned immediately prior to the exchange.

### **Taxation of Certain Foreign Investors**

Interest, including OID, distributable with respect to a Regular Interest to a Non-U.S. Beneficial Owner not engaged in a U.S. trade or business will be considered “portfolio interest” and, therefore, will not be subject to the 30% United States withholding tax provided that the Non-U.S. Beneficial Owner provides IRS Form W-8BEN or W-8BEN-E (or similar substitute forms), signed under penalties of perjury, identifying the investor and stating, among other things, that the Non-U.S. Beneficial Owner is a non-U.S. person. In the case of an interest in a Regular Interest held by a foreign partnership or foreign trust, the form described in the preceding sentence must be provided by the partners or beneficiaries, as the case may be, rather than by the foreign partnership or foreign trust. If this form is not provided, the 30% United States withholding tax may apply unless an income tax treaty reduces or eliminates such tax. If the interest is effectively connected with the conduct of a trade or business within the United States (and if an income tax treaty applies, is attributable to a U.S. permanent establishment) by a Non-U.S. Beneficial Owner and the Non-U.S. Beneficial Owner provides an IRS Form W-8ECI (or an acceptable substitute form), the interest payments will not be subject to the 30% United States withholding tax. The Non-U.S. Beneficial Owner, however, will be subject to United States federal income tax at regular rates. If you are a Non-U.S. Beneficial Owner of an interest in a Regular Interest, you should consult your tax advisors.

Payments in respect of an interest in an NPC generally are exempt from U.S. withholding tax.

Except as provided below in “— *Backup Withholding*”, a Non-U.S. Beneficial Owner will not be subject to U.S. federal income and withholding taxes on any gain realized on the sale, exchange, retirement or other disposition of a Note (other than amounts attributable to accrued interest) unless (i) such gain is, or is deemed to be, effectively connected with a trade or business in the United States of the Non-U.S. Beneficial Owner (and if an income tax treaty applies, such gain is attributable to a U.S. permanent establishment); or (ii) such Non-U.S. Beneficial Owner is an individual who is present in the United States for 183 days or more in the taxable year of the sale, exchange, retirement or other disposition and certain conditions are met.

Except as provided in the discussion of backup withholding below, gain on the sale of a Note that is, or is deemed to be, effectively connected with the conduct of a trade or business in the United States by a Non-U.S. Beneficial Owner (and if an income tax treaty applies, such gain is attributable to a U.S. permanent establishment), although exempt from U.S. withholding tax, generally will be subject to U.S. federal income tax at graduated rates, and in the case of a Non-U.S. Beneficial Owner that is a foreign corporation, may also be subject to U.S. federal branch profits tax.

Non-U.S. Beneficial Owners should consult their tax advisors regarding their specific circumstances.

### **Backup Withholding**

Distributions made on the Notes and proceeds from the sale of Notes to or through certain brokers may be subject to a United States federal “backup” withholding tax on “reportable payments” (including interest accruals, OID and, under certain circumstances, distributions in reduction of principal amount) unless, in general, you comply with certain procedures or are an exempt recipient. Any amounts so withheld from distributions on the Notes would be refunded by the IRS or allowed as a credit against your federal income tax.

## Reporting and Administrative Matters

Reports will be made to the IRS and to Holders of record of Notes that are not excepted from the reporting requirements.

The Regulations require the Trust to file an annual information return with the IRS and to furnish to holders of the Notes their respective shares of income and expenses with respect to their interests in the Grantor Trust.

The IRS has published final regulations that establish a reporting framework for interests in “widely held fixed investment trusts” and place the responsibility of reporting on the person in the ownership chain who holds an interest for a beneficial owner. A widely-held fixed investment trust is defined as an arrangement classified as an “investment trust” under Regulations Section 301.7701-4(c), in which any interest is held by a middleman, which includes, but is not limited to (i) a custodian of a person’s account, (ii) a nominee and (iii) a broker holding an interest for a customer in street name.

Under these regulations, the Indenture Trustee will be required to file IRS Form 1099 (or any successor form) with the IRS with respect to holders of the Notes who are not “exempt recipients” (a term that includes corporations, trusts, securities dealers, middlemen and certain other non-individuals) and do not hold such Notes through a middleman, to report the Grantor Trust’s gross income and, in certain circumstances, unless the Indenture Trustee reports under the safe harbor as described in the last sentence of this paragraph, if any trust assets were disposed of or Notes are sold in secondary market sales, the portion of the gross proceeds relating to the trust assets that are attributable to such holder. The same requirements would be imposed on middlemen holding such Notes on behalf of the related holders. Under certain circumstances, the Indenture Trustee may report under the safe harbor for widely-held mortgage trusts, as such term is defined under Regulations Section 1.671-5.

These regulations also require that the Indenture Trustee make available information regarding interest income and information necessary to compute any OID to (i) exempt recipients (including middlemen) and non-calendar year taxpayers, upon request, in accordance with the requirements of the regulations and (ii) applicable holders who do not hold their Notes through a middleman. The information must be provided to parties specified in clause (i) on or before the later of the 44th day after the close of the calendar year to which the request relates and 28 days after the receipt of the request. The information must be provided to parties specified in clause (ii) on or before March 15 of the calendar year following the year for which the statement is being furnished.

## Foreign Account Tax Compliance Act

Investors should be aware that under legislation and related administrative guidance (commonly known as FATCA), certain payments in respect of the Notes received by a non-U.S. entity may be subject to withholding of U.S. federal income tax at a rate of 30% if such non-U.S. entity fails to take the required steps to provide certain information regarding its “United States accounts” or its direct or indirect “substantial U.S. owners.” The required steps and the information to be provided will depend on whether the non-U.S. entity is considered a “foreign financial institution” for this purpose, and if an intergovernmental agreement exists between the United States and an applicable foreign country that may modify the applicable requirements. Investors should consult their tax advisors regarding the potential application and impact of the FATCA withholding rules based on their particular circumstances, including the applicability of any intergovernmental agreement modifying these rules.

**THE U.S. FEDERAL TAX DISCUSSION SET FORTH ABOVE IS INCLUDED FOR GENERAL INFORMATION ONLY AND MAY NOT BE APPLICABLE DEPENDING UPON A BENEFICIAL OWNER’S PARTICULAR SITUATION. BENEFICIAL OWNERS SHOULD CONSULT THEIR OWN TAX ADVISORS REGARDING THE TAX CONSEQUENCES TO THEM OF THE OWNERSHIP AND DISPOSITION OF THE NOTES, INCLUDING THE TAX CONSEQUENCES UNDER THE TAX LAWS OF THE UNITED STATES, STATES, LOCALITIES, COUNTRIES OTHER THAN THE UNITED STATES AND ANY OTHER TAXING JURISDICTIONS AND THE POSSIBLE EFFECTS OF CHANGES IN SUCH TAX LAWS.**

## **STATE, LOCAL AND FOREIGN TAX CONSEQUENCES**

In addition to the U.S. federal income tax consequences described above, prospective investors in the Notes should consider the potential United States state and local tax consequences of the acquisition, ownership and disposition of the Notes and the tax consequences of the law of any non-United States jurisdiction in which they reside or do business. State, local and foreign tax law may differ substantially from the corresponding U.S. federal tax law, and the discussion above does not purport to describe any aspect of the tax law of any state or other jurisdiction. Prospective investors should consult their own tax advisors with respect to such matters.

## **LEGAL INVESTMENT**

If prospective investors' investment activities are subject to investment laws and regulations, regulatory capital requirements or review by regulatory authorities, prospective investors may be subject to restrictions on investment in the Notes. Prospective investors should consult legal, tax and accounting advisers for assistance in determining the suitability of and consequences of the purchase, ownership and sale of the Notes.

- The Notes do not represent an interest in and will not be secured by the Reference Pool or any Reference Obligation.
- The Notes will not constitute "mortgage related securities" for purposes of the SMMEA.
- The Notes may be regarded by governmental authorities or others, or under applicable law, as high-risk, derivative, risk-linked or otherwise complex securities.

The Notes should not be purchased by prospective investors who are prohibited from acquiring securities having the foregoing characteristics. In addition, the Notes should not be purchased by prospective investors located in jurisdictions where their purchase of Notes could subject them to the risk of regulation as an insurance or reinsurance company or as otherwise being engaged in an insurance business.

None of the Sponsor, the Initial Purchasers, the Indenture Trustee, the Owner Trustee, the Exchange Administrator or any of their respective affiliates have made or will make any representation as to (i) the proper characterization of the Notes for legal investment or other purposes, (ii) the ability of particular prospective investors to purchase Notes for legal investment or other purposes or (iii) the ability of particular prospective investors to purchase Notes under applicable investment restrictions. Without limiting the generality of the foregoing, none of the Sponsor, the Initial Purchasers, the Indenture Trustee, the Owner Trustee, the Exchange Administrator or any of their respective affiliates have made or will make any representation as to the characterization of the Notes as a United States or non-United States investment under any state insurance code or related regulations. None of the Sponsor, the Initial Purchasers, the Indenture Trustee, the Owner Trustee, the Exchange Administrator or any of their respective affiliates are aware of any published precedent that addresses such characterization. There can be no assurance as to the nature of any advice or other action that may result from such consideration or the effect, if any, such advice or other action resulting from such consideration may have on the Notes.

## **SECURITIZATION REGULATION AGREEMENT**

On the Closing Date, we will enter into the Securitization Regulation Agreement pursuant to which we will irrevocably undertake for the benefit of each Institutional Investor, in connection with the Due Diligence Requirements, on an ongoing basis, so long as any Notes remain outstanding, that:

- (a) we will, as originator (as such term is defined in the Securitization Regulations), retain on an ongoing basis a material net economic interest in the transaction constituted by the issuance of the Notes of not less than 5% in the form specified in Article 6(3)(a) of each of the Securitization Regulations in force as of the issue date (i.e., retention of not less than 5% of the nominal value of each of the tranches sold or transferred to such investor) by: (i) retaining the credit risk on the Class M-1AH Reference Tranche, the Class M-1BH Reference Tranche, the Class M-2AH Reference Tranche and the Class M-2BH Reference Tranche, in each case, in an amount such that it will be not less than 5% of the credit risk on each of: (a) the Class M-1A and Class M-1AH

- Reference Tranches (in the aggregate), (b) the Class M-1B and Class M-1BH Reference Tranches (in the aggregate), (c) the Class M-2A and Class M-2AH Reference Tranches (in the aggregate) and (d) the Class M-2B and Class M-2BH Reference Tranches (in the aggregate), respectively, and (ii) retaining the credit risk on not less than 5% of each of the Class A-H Reference Tranche, the Class B-1H Reference Tranche, the Class B-2H Reference Tranche and the Class B-3H Reference Tranche and, in the case of any tranching of the Class A-H Reference Tranche, the Class B-1H Reference Tranche, the Class B-2H Reference Tranche or the Class B-3H Reference Tranche, on not less than 5% of each tranche into which the Class A-H Reference Tranche, the Class B-1H Reference Tranche, the Class B-2H Reference Tranche or the Class B-3H Reference Tranche, as applicable, is tranching;
- (b) neither we nor our affiliates will sell, hedge or otherwise enter into any credit risk mitigation, short position or any other credit risk hedge with respect to the Retained Interest or the Reference Obligations, except to the extent permitted in accordance with Article 6 of the Securitization Regulations;
  - (c) we will take such further action, provide such information and enter into such other agreements as may reasonably be required to satisfy the Retention Requirements as of the Closing Date and, solely as regards to the provision of information in our possession or that of our affiliates and to the extent the same is not subject to a duty of confidentiality, any time prior to maturity of the Notes;
  - (d) we will confirm our continued compliance with the undertakings set forth in paragraphs (a) and (b) above: (i) on a quarterly basis to the Indenture Trustee in writing for reporting to Holders of the Notes; (ii) where the performance of the Notes or the risk characteristics of the Transaction or of the Reference Obligations materially change; and (iii) following a breach of the obligations included in the Indenture;
  - (e) we will promptly notify the Indenture Trustee in writing if for any reason: (i) we cease to hold the Retained Interest in accordance with paragraph (a) above, or (ii) we or any of our affiliates fails to comply with the covenants set out in paragraphs (b) and (c) above in any way; and
  - (f) we will provide on a monthly basis loan-level disclosure in respect of the Reference Obligations in the form of the reporting template set out in Annex 2 (Underlying Exposures – Residential Real Estate) to Commission Delegated Regulation (EU) 2020/1224 as such reporting template is published on the website of the European Securities and Markets Authority as of the date of this Memorandum; provided that:
    - (i) in respect of certain fields in such reporting template either (A) we do not have available the data that would be required to complete them, (B) such fields are not applicable to the Reference Obligations or (C) disclosing the data necessary to complete them would result in us breaching applicable law or confidentiality obligations. We make available on our website a mapping and explanation document which explains how we provide data for the different fields in such reporting template; and
    - (ii) if a replacement reporting template is adopted for the purpose of the EU Transparency Requirements and may be used for securitizations which issued prior to such adoption, we may elect to instead report in the form of such replacement template.

Each prospective investor in the Notes is required to independently assess and determine the sufficiency for the purposes of complying with the Due Diligence Requirements of the information described above and in this Memorandum generally. None of the Transaction Parties, their respective affiliates or any other person makes any representation or provides any assurance to the effect that the information described above or in this Memorandum is sufficient in all circumstances for the purpose of permitting an Institutional Investor to comply with the Due Diligence Requirements or any other applicable legal, regulatory, or other requirements in respect of an investment in the Notes.



The Indenture Trustee will not have any obligation to monitor or enforce our compliance with the Securitization Regulation Agreement or any risk retention rules or regulations. Prospective investors in the Notes should note that our undertakings under the Securitization Regulation Agreement are made as of the date thereof and that the Retained Interest required to be retained by us thereunder will not change in quantum or nature as a consequence of any changes in either of the Due Diligence Requirements. Each prospective investor in the Notes that is subject to the Due Diligence Requirements should consult with its own legal, accounting and other advisors and/or its national regulator in determining the extent to which such information is sufficient for such purpose.

We provide additional information for institutional investors located in the EU and the UK on our website at <https://capitalmarkets.freddiemac.com/crt/resources/regulatory-information/resources-eu-institutional-investors>.

See *“Risk Factors — Risks Related to the Notes Being Linked to the Reference Pool — Applicability of Federal, State and Local Laws — Legislative or Regulatory Actions Could Adversely Affect Our Business Activities and the Reference Pool”*.

## **CERTAIN ERISA CONSIDERATIONS**

The following is a summary of material considerations arising under ERISA and the prohibited transaction provisions of Code Section 4975 that may be relevant to a prospective investor in the Notes that is an ERISA Plan or a person or entity acting on behalf of, using the assets of or deemed to use the assets of an ERISA Plan. The discussion does not purport to deal with all aspects of ERISA or Code Section 4975 or foreign or other federal, state or local law that may be relevant to particular ERISA Plans in light of their particular circumstances.

The discussion is based on current provisions of ERISA and the Code, existing regulations under ERISA and the Code, the legislative history of ERISA and the Code, existing administrative rulings of the U.S. Department of Labor and reported judicial decisions. No assurance can be given that legislative, judicial, or administrative changes will not affect the accuracy of any statements herein with respect to transactions entered into or contemplated prior to the effective date of such changes.

### **General**

ERISA and Code Section 4975 impose certain requirements and duties on ERISA Plans and on persons who are fiduciaries of ERISA Plans and of entities whose underlying assets include assets of ERISA Plans by reason of an ERISA Plan's investment in such entities. These duties include investment prudence and diversification and the requirement that investments by an ERISA Plan be made in accordance with the documents governing the ERISA Plan. The prudence of a particular investment must be determined by the responsible fiduciary of the ERISA Plan by taking into account the ERISA Plan's particular circumstances and liquidity needs and all of the facts and circumstances of the investment, including the availability of a public market for the investment. In addition, certain United States federal, state and local laws impose similar duties on fiduciaries of Plans, such as governmental or church plans, that are not subject to Title I of ERISA or Code Section 4975.

Any Plan Fiduciary that proposes to cause a Plan or entity to purchase the Notes should determine whether, under the general fiduciary standards of ERISA or other applicable law, an investment in the Notes is appropriate for such Plan or entity. In determining whether a particular investment is appropriate for a Plan, U.S. Department of Labor regulations provide that the fiduciaries of an ERISA Plan must give appropriate consideration to, among other things, the role that the investment plays in the ERISA Plan's portfolio, taking into consideration whether the investment is designed reasonably to further the ERISA Plan's purposes, an examination of the risk and return factors, the portfolio's composition with regard to diversification, the liquidity and current return of the total portfolio relative to the anticipated cash flow needs of the ERISA Plan and the projected return of the total portfolio relative to the ERISA Plan's funding objectives. Before investing the assets of a Plan in the Notes, a fiduciary should determine whether such an investment is consistent with the foregoing regulations (or other applicable law) and its fiduciary responsibilities, including any specific restrictions to which such Plan Fiduciary may be subject.

### **Prohibited Transactions**

#### ***General***

Section 406 of ERISA and Code Section 4975 prohibit certain transactions involving the assets of an ERISA Plan and certain persons (referred to as "parties in interest" under ERISA or "disqualified persons" under the Code) having certain relationships to such ERISA Plans, unless an exemption is available. A party in interest or disqualified person who engages in a Prohibited Transaction may be subject to excise taxes and other penalties and liabilities under ERISA and the Code. Code Section 4975 imposes excise taxes, or, in some cases, a civil penalty may be assessed pursuant to Section 502(i) of ERISA, on parties in interest which engage in non-exempt Prohibited Transactions. If the disqualified person who engages in the transaction is the individual on behalf of whom an IRA is maintained (or his beneficiary), the IRA will lose its tax-exempt status and its assets will be deemed to have been distributed to such individual in a taxable distribution (and no excise tax will be imposed) on account of the Prohibited Transaction. In addition, a Plan Fiduciary who permits an ERISA Plan to engage in a transaction that the Plan Fiduciary knows or should know is a Prohibited Transaction may be liable to the ERISA Plan for any loss the ERISA Plan incurs as a result of the transaction or for any profits earned by the Plan Fiduciary in the transaction.

### ***Plan Asset Regulation***

The Plan Asset Regulation describes what constitutes the assets of an ERISA Plan with respect to the ERISA Plan's investment in an entity for purposes of certain provisions of ERISA and Code Section 4975, including the fiduciary responsibility provisions of Title I of ERISA, and Code Section 4975. The Plan Asset Regulation describes the circumstances under which Plan Fiduciaries and entities with certain specified relationships to an ERISA Plan are required to "look through" the investment vehicle and treat as an asset of the ERISA Plan each underlying investment made by such investment vehicle. If the assets of an entity or an investment vehicle in which a Plan invests are considered to be "plan assets" pursuant to the Plan Asset Regulation, then any person who exercises control over those assets may be subject to ERISA's fiduciary standards. Under the Plan Asset Regulation, if an ERISA Plan invests in an "equity interest" of an entity that is neither a "publicly-offered security" nor a security issued by an investment company registered under the Investment Company Act, the ERISA Plan's assets include both the equity interest and an undivided interest in each of the entity's underlying assets, unless it is established that the entity is an "operating company" or that equity participation in the entity by Benefit Plan Investors is not "significant". Equity participation by Benefit Plan Investors in an entity or investment vehicle is significant if, after the most recent acquisition of any class of securities in the entity or investment vehicle, 25% or more of the value of any class of equity interests in the entity or investment vehicle (excluding the value of interests held by certain persons who exercise discretion and control over the assets of such entity or investment vehicle or receive a fee for advice to such entity or vehicle) is held by Benefit Plan Investors.

Under the Plan Asset Regulation, the term "equity interest" is defined as any interest in an entity other than an instrument that is treated as indebtedness under "applicable local law" and which has no "substantial equity features". The ERISA Eligible Notes should not be considered to be "equity interests" in the Trust. As a result, the Plan Asset Regulation should not apply to cause the Trust's assets to be treated as plan assets because of ERISA Plans' purchases of ERISA Eligible Notes. However, the Non-ERISA Eligible Notes may be considered equity interests in the Trust for purposes of the Plan Asset Regulation. Therefore, Plans and persons acting on behalf of or using the assets of Plans will be prohibited from acquiring or holding Non-ERISA Eligible Notes.

### ***Prohibited Transaction Exemptions***

Additionally, Prohibited Transactions within the meaning of Section 406 of ERISA or Code Section 4975 may arise if Notes are acquired by an ERISA Plan or a person or entity acting on behalf of, using the assets of or deemed to use the assets of an ERISA Plan with respect to which the Trust or certain other parties to the transaction or any of their respective affiliates are parties in interest or disqualified persons. Certain exemptions from the Prohibited Transaction provisions of Section 406 of ERISA and Code Section 4975 may be applicable, however, depending in part on the type of Plan Fiduciary making the decision to acquire ERISA Eligible Notes and the circumstances under which such decision is made. Included among these exemptions are PTCE 96-23 (relating to transactions directed by an in-house professional asset manager); PTCE 95-60 (relating to transactions involving insurance company general accounts); PTCE 91-38 (relating to investments by bank collective investment funds); PTCE 84-14 (relating to transactions effected by a qualified professional asset manager); and PTCE 90-1 (relating to investments by insurance company pooled separate accounts). In addition, Section 408(b)(17) of ERISA and Code Section 4975(d)(20) provide a statutory exemption for prohibited transactions between an ERISA Plan and a person that is a party in interest or a disqualified person (other than a fiduciary or an affiliate of a fiduciary that has or exercises discretionary authority or control or renders investment advice with respect to the assets involved in the transaction) solely by reason of providing services to the ERISA Plan, provided that there is adequate consideration. Prospective investors should consult with their advisors regarding the application of any of the foregoing administrative or statutory exemptions. There can be no assurance that any of these class exemptions or any other exemption will be available with respect to any particular transaction involving ERISA Eligible Notes.

Certain Plans, including governmental plans, church plans and foreign plans, while not subject to the prohibited transaction provisions of Section 406 of ERISA or Code Section 4975 or the fiduciary provisions of ERISA (including the provisions of ERISA pursuant to which assets of an ERISA Plan may be deemed to include assets of the Trust or pursuant to which the Trust could be deemed to be a fiduciary with respect to such Plan) may nevertheless be subject to Similar Law. As noted above, Plans subject to Similar Law will not be permitted to acquire or hold Non-ERISA Eligible Notes.

Each purchaser or transferee of an ERISA Eligible Note that is a Plan or a person or entity acting on behalf of, using the assets of or deemed to use the assets of any Plan will represent or be deemed to have represented that the purchase, ownership and disposition of such Note or any interest therein will not constitute or result in a non-exempt Prohibited Transaction or in the case of a governmental plan, church plan or foreign plan, a violation of Similar Law, and neither the Trust nor any of its affiliates is a fiduciary with respect to the acquisition, holding or disposition of such Note or in connection with any of its rights in connection therewith.

### **Review by Plan Fiduciaries**

Any Plan Fiduciary considering whether to purchase ERISA Eligible Notes on behalf of a Plan should consult with its counsel regarding the applicability of the fiduciary responsibility and prohibited transaction provisions of ERISA and the Code (or in the case of a governmental plan, church plan or foreign plan, applicable Similar Law) to a related investment and the availability of any prohibited transaction exemptions. The sale of ERISA Eligible Notes to a Plan is in no respect a representation by the Trust that this investment meets all relevant requirements with respect to investments by Plans generally or any particular Plan or that this investment is appropriate for any such Plans generally or any particular Plan.

In addition, because the Transaction Parties, or their respective affiliates, may receive certain benefits in connection with the sale or holding of the Notes, the purchase or holding of the Notes using “plan assets” of any ERISA Plan over which any of these parties or their affiliates has discretionary authority or control, or renders “investment advice” (within the meaning of Section 3(21) of ERISA and/or Code Section 4975 and applicable regulations) for a fee (direct or indirect) with respect to the assets of an ERISA Plan, or is the employer or other sponsor of an ERISA Plan, might be deemed to be a violation of the prohibited transaction provisions of Part 4, Subtitle B, Title I of ERISA or Code Section 4975 (or could otherwise constitute a violation of fiduciary responsibilities under Title I of ERISA). Accordingly, the Notes may not be purchased using the assets of any ERISA Plan if any Transaction Party or any of their respective affiliates has discretionary authority or control or renders investment advice for a fee with respect to the assets of the ERISA Plan, or is the employer or other sponsor of the ERISA Plan, unless an applicable prohibited transaction exemption is available (all of the conditions of which are satisfied) to cover the purchase and holding of the Notes or the transaction is not otherwise prohibited.

**BY ITS INVESTMENT IN A NOTE, THE INVESTOR THEREOF WILL REPRESENT OR WILL BE DEEMED TO REPRESENT AND WARRANT EITHER THAT (A) IT IS NOT AND IS NOT ACTING ON BEHALF OF AN “EMPLOYEE BENEFIT PLAN” AS DEFINED IN SECTION 3(3) OF ERISA, A PLAN DESCRIBED IN CODE SECTION 4975(e)(1), AN ENTITY WHICH IS DEEMED TO HOLD THE ASSETS OF ANY SUCH PLAN PURSUANT TO 29 C.F.R. SECTION 2510.3-101, AS MODIFIED BY SECTION 3(42) OF ERISA, WHICH EMPLOYEE BENEFIT PLAN, PLAN OR ENTITY IS SUBJECT TO TITLE I OF ERISA OR CODE SECTION 4975, OR A GOVERNMENTAL PLAN, CHURCH PLAN OR FOREIGN PLAN WHICH IS SUBJECT TO SIMILAR LAW OR (B) IN THE CASE OF AN ERISA ELIGIBLE NOTE, ITS PURCHASE, OWNERSHIP OR DISPOSITION OF SUCH NOTE WILL NOT CONSTITUTE OR RESULT IN A NON-EXEMPT PROHIBITED TRANSACTION UNDER SECTION 406 OF ERISA OR CODE SECTION 4975 (OR, IN THE CASE OF A GOVERNMENTAL PLAN, CHURCH PLAN OR FOREIGN PLAN, ANY VIOLATION OF SIMILAR LAW).**

### **PLACEMENT**

Subject to the terms and conditions set forth in the Note Purchase Agreement, the Initial Purchasers will agree to offer the Notes on a “commercially reasonable best efforts” basis and purchase the Notes they place with investors from the Trust on the Closing Date as principal for resale to investors. The Initial Purchasers will be acting as the Sponsor’s agents in the placing of the Notes with no understanding, express or implied, on the Initial Purchasers’ part of a commitment to purchase or place the Notes. Sales of the Notes may be effected from time to time in one or more negotiated transactions or otherwise at varying prices to be determined at the time of sale. In addition, at the option of the Sponsor, sales of the Notes may also be effected pursuant to an auction process, the procedures and parameters of which may not be communicated to potential investors in advance of

pricing. Upon the completion of any such auction, the Notes will be allocated to investors in accordance with, and based on, prices bid, terms of the bid and any other factors communicated to the bidders participating in any such auction. We have agreed in the Note Purchase Agreement to indemnify the Initial Purchasers against certain liabilities.

The Notes may be offered and sold outside of the United States, within the United States or simultaneously outside of and within the United States, only where it is legal to make such offers and sales. The Initial Purchasers have represented and agreed that, subject to compliance by the other Transaction Parties, they have complied and will comply with all applicable laws and regulations in each jurisdiction in which or from which they may purchase, offer, sell or deliver any Notes or distribute this Memorandum or any other offering material. The Initial Purchasers also have agreed to comply with the selling restrictions relating to the jurisdictions set forth in Appendix D to this Memorandum.

The Notes are being offered only in transactions exempt from the registration requirements of the Securities Act as set forth below under “*Notice to Investors.*”

The Notes have not been registered under the Securities Act or registered or qualified under any applicable state securities laws, and none of the Trust, us, the Indenture Trustee, the Owner Trustee or any other person is required to so register or qualify the Notes or to provide registration rights to any investor therein. There currently is no secondary market for the Notes, and there can be no assurance that such a market will develop or, if it does develop, that it will continue or will provide investors with a sufficient level of liquidity of investment. While the Initial Purchasers intend to make a market in the Notes, they may discontinue or limit such activities at any time. In addition, the liquidity of the Notes may be affected by present uncertainties and future unfavorable developments concerning legal investment. Consequently, investors should be aware that they may be required to bear the financial risks of an investment in the Notes for an indefinite period of time.

## **NOTICE TO INVESTORS**

The Notes have not been registered under the Securities Act and may not be offered or sold except pursuant to an exemption from, or in a transaction not subject to, the registration requirements of the Securities Act.

The Sponsor will provide to any Holder of a Note and any prospective transferees designated by any such Holder, information regarding the related Notes and the Reference Pool and such other information as is necessary to satisfy the condition to eligibility set forth in Rule 144A(d)(4) for transfer of any such Note without registration thereof under the Securities Act pursuant to the registration exemption provided by Rule 144A. The Holder of any Note asserts and agrees, by its acceptance of such Note, that it is either (i) a “qualified institutional buyer” as such term is defined in Rule 144A under the Securities Act, or (ii) not a “U.S. person” and that acquired such Note in an “offshore transaction,” as such terms are defined in, and in accordance with, Regulation S under the Securities Act and it will indemnify the Indenture Trustee and us against any liability that may result if any such transfer is not exempt or is not made in accordance with such federal and state laws.

Each purchaser of a Note will be deemed to acknowledge, represent to and agree with the Trust, the Sponsor, the Initial Purchasers, the Indenture Trustee and the Exchange Administrator as follows:

1. It is either (i) a QIB that is aware that the sale of the Notes to it will be made in reliance on Rule 144A of the Securities Act and is acquiring the Notes for its own account or for the account of another QIB, and as to each of which the purchaser exercises sole investment discretion, and in a principal amount of not less than the minimum denomination of such Note for the purchaser and for each such account or (ii) not a “U.S. person” and acquired the Note in an “off-shore transaction,” as such terms are defined in, and in accordance with, Regulation S under the Securities Act. The Notes at any time may only be held by or on behalf of any person that is either (i) a QIB or (ii) not a “U.S. person” and that acquired the related Note in an “off-shore transaction,” as such terms are defined in, and in accordance with, Regulation S under the Securities Act. Any purported transfer of the Notes to a purchaser that does not comply with the requirements of this paragraph shall be null and void *ab initio*. The Trust may sell any Notes acquired in violation of the foregoing at the cost and risk of the purported purchaser.



2. It acknowledges that none of the Sponsor, the Trust, the Initial Purchasers or any person representing the Sponsor, the Trust or the Initial Purchasers has made any representation to it with respect to the Sponsor or the offering or sale of the Notes, other than the information contained in this Memorandum, which Memorandum has been delivered to it and upon which it is relying in making its investment decision with respect to the Notes. It acknowledges that it has received this Memorandum and all additional information considered by it to be necessary to verify the accuracy of or to supplement the information herein and that it has been afforded an opportunity to review the Memorandum and all such additional information. It understands and agrees that any information provided to it prior to the delivery of the Memorandum is superseded by the information herein. It has had access to such financial and other information concerning the Trust, the Sponsor, the Indenture Trustee and the Notes as it has deemed necessary or appropriate in connection with its decisions to purchase the Notes, including an opportunity to ask questions of and receive information from the Sponsor regarding any such matters. Further, it understands that the information contained in this Memorandum and all such additional information, as well as all information to be received by it as a Noteholder, is confidential and agrees to keep such information confidential and in accordance with all applicable federal and state securities laws and regulations (a) by not disclosing any such information other than to a person who needs to know such information and who has agreed to keep such information confidential and (b) by not using any such information other than for the purpose of evaluating an investment in the Notes; provided, however, that any such information may be disclosed as required by applicable law if the Sponsor is given written notice of such requirement sufficient to enable the Sponsor to seek a protective order or other appropriate remedy in advance of disclosure.

3. It acknowledges that the Trust, the Sponsor, the Initial Purchasers, the Custodian, the Investment Manager, the Administrator, the Owner Trustee, the Indenture Trustee and others will rely upon the truth and accuracy of the foregoing acknowledgments, representations and agreements and agrees that, if any of the acknowledgments, representations or agreements deemed to have been made by it by its purchase of the Notes were not accurate when made, it will promptly so notify the party from which it purchased the Notes, the Trust, the Indenture Trustee and the Sponsor. If it is acquiring any Notes as a fiduciary or agent for one or more investor accounts, it represents that it has sole investment discretion with respect to each such account and that it has full power to make the foregoing acknowledgments, representations and agreements on behalf of each such account. It understands that the Indenture Trustee may receive a list of participants holding positions in the Notes from one or more book-entry depositories.

4. It understands and acknowledges that the Notes have not been registered under the Securities Act or any other applicable securities laws and that (A) the Notes may be offered, sold pledged or otherwise transferred only to a person that is either (i) a QIB in a transaction meeting the requirements of Rule 144A under the Securities Act, subject to the applicable state securities laws of any State of the United States or any other applicable jurisdiction or (ii) not a "U.S. person" and that acquired the Note in an "off-shore transaction," as such terms are defined in, and in accordance with, Regulation S under the Securities Act and (B) the purchaser will, and each subsequent holder is required to, notify any subsequent purchaser from it of the resale restrictions set forth in (A) above. It understands that each holder of a Note, by virtue of its acceptance thereof, assents to, and agrees to be bound by, the terms, provisions and conditions of the Indenture including those relating to the above-described transfer restrictions. It will not transfer any Note except in accordance with applicable law, the above-described transfer restrictions and such other terms, provisions and conditions of the Indenture as may be applicable thereto.

5. It understands that an investment in the Notes involves certain risks, including the risk of loss of all or a substantial part of its investment under certain circumstances. The purchaser has such knowledge and experience in financial and business matters as to be capable of evaluating the merits and risks of its investment in the Notes, and the purchaser and any accounts for which it is acting are each able to bear the economic risk of the holder's or of its investment.

6. In connection with the purchase of the Notes (a) none of the Trust, the Initial Purchasers, the Indenture Trustee nor the Sponsor is acting as a fiduciary or financial or investment advisor for the purchaser; (b) the purchaser is not relying (for purposes of making any investment decision or otherwise) upon any advice, counsel or representations (whether written or oral) of any of the parties listed in (a) above other than in the most current private placement memorandum for such Notes and any representations set forth in a written agreement with such party; (c) none of the parties listed in (a) above has given to the purchaser (directly or indirectly through any

other person) any assurance, guarantee, or representation whatsoever as to the expected or projected success, profitability, return, performance, result, effect, consequence, or benefit (including legal, regulatory, tax, financial, accounting, or otherwise) of its purchase or the documentation for such Notes; (d) the purchaser has consulted with its own legal, regulatory, tax, business, investment, financial, and accounting advisers to the extent it has deemed necessary and that the investment by it is within its powers and authority, is permissible under applicable laws governing such purchase, has been duly authorized by it and complies with applicable securities laws and other laws and regulations, and it has made its own investment decisions (including decisions regarding the suitability of any transactions pursuant to the Indenture) based upon its own judgment and upon any advice from such advisors as it has deemed necessary and not upon any view expressed by the Trust, the Initial Purchasers, the Indenture Trustee or the Sponsor; (e) the purchaser has determined that the rates, prices or amounts and other terms of the purchase and sale of such Notes reflect those in the relevant market for similar transactions; (f) the purchaser is purchasing such Notes with a full understanding of all the terms, conditions and risks thereof (economic and otherwise), and is capable of assuming and willing to assume (financially and otherwise) these risks; and (g) the purchaser is a sophisticated investor familiar with transactions similar to its investment in such Notes.

7. It will not, at any time, offer to buy or offer to sell the Notes by any form of general solicitation or advertising, including, but not limited to, any advertisement, article, notice or other communication published in any newspaper, magazine or similar medium or broadcast over television or radio or at a seminar or meeting whose attendees have been invited by general solicitations or advertising.

8. It is not purchasing the Notes with a view to resale, distribution or other disposition thereof in violation of the Securities Act.

9. It acknowledges that the Notes do not represent deposits with or other liabilities of the Initial Purchasers, the Indenture Trustee, the Sponsor or any entity related to any of them or any other purchaser of Notes. Unless otherwise expressly provided herein, each of the Trust, the Initial Purchasers, the Indenture Trustee, the Sponsor, any entity related to any of them and any other purchaser of Notes will not, in any way, be responsible for or stand behind the capital value or the performance of the Notes or the assets held by the Trust. The purchaser acknowledges that purchase of Notes involves investment risks including prepayment and interest rate risks, possible delay in repayment and loss of income and principal invested. The purchaser has considered carefully, in the light of its own financial circumstances and investment objectives, all the information set forth herein and, in particular, the risk factors described in this Memorandum.

10. It acknowledges that each Book-Entry Note will contain a legend substantially to the following effect and agrees to the provisions set forth in such legend:

UNLESS THIS NOTE IS PRESENTED BY AN AUTHORIZED REPRESENTATIVE OF THE DEPOSITORY TRUST COMPANY, A NEW YORK CORPORATION ("DTC"), TO THE TRUST OR ITS AGENT FOR REGISTRATION OF TRANSFER, EXCHANGE OR PAYMENT, AND ANY NOTE ISSUED IS REGISTERED IN THE NAME OF CEDE & CO. OR TO SUCH OTHER ENTITY AS IS REQUESTED BY AN AUTHORIZED REPRESENTATIVE OF DTC (AND ANY DISTRIBUTION IS MADE TO CEDE & CO. OR TO SUCH OTHER ENTITY AS IS REQUESTED BY AN AUTHORIZED REPRESENTATIVE OF DTC), ANY TRANSFER, PLEDGE OR OTHER USE HEREOF FOR VALUE OR OTHERWISE BY OR TO ANY PERSON IS WRONGFUL INASMUCH AS THE REGISTERED OWNER HEREOF, CEDE & CO., HAS AN INTEREST HEREIN.

It acknowledges that each Note will contain a legend substantially to the following effect and agrees to the provisions set forth in such legend:

THIS NOTE HAS NOT BEEN AND WILL NOT BE REGISTERED UNDER THE SECURITIES ACT, OR THE SECURITIES LAWS OF ANY STATE OF THE UNITED STATES AND MAY NOT BE RESOLD OR TRANSFERRED UNLESS IT IS REGISTERED PURSUANT TO SUCH ACT AND LAWS OR IS SOLD OR TRANSFERRED IN TRANSACTIONS WHICH ARE EXEMPT FROM REGISTRATION UNDER SUCH ACT AND UNDER APPLICABLE STATE LAW AND IS TRANSFERRED IN ACCORDANCE WITH THE PROVISIONS OF THE INDENTURE.

THE HOLDER OF THIS NOTE BY ITS ACCEPTANCE HEREOF AGREES (A) TO OFFER, SELL, PLEDGE OR OTHERWISE TRANSFER THIS NOTE ONLY TO A PERSON THAT IS EITHER (1) A “QUALIFIED INSTITUTIONAL BUYER” AS DEFINED IN RULE 144A OF THE SECURITIES ACT THAT PURCHASES FOR ITS OWN ACCOUNT OR FOR THE ACCOUNT OF A QUALIFIED INSTITUTIONAL BUYER OR (2) NOT A “U.S. PERSON” AND THAT ACQUIRED THE NOTE IN AN “OFF-SHORE TRANSACTION,” AS SUCH TERMS ARE DEFINED IN, AND IN ACCORDANCE WITH, REGULATION S UNDER THE SECURITIES ACT, IN A PRINCIPAL AMOUNT OF NOT LESS THAN \$10,000 AND IN GREATER WHOLE NUMBER DENOMINATIONS OF \$1 IN EXCESS THEREOF, TO WHOM NOTICE IS GIVEN THAT THE TRANSFER IS BEING MADE IN RELIANCE ON RULE 144A OF THE SECURITIES ACT OR REGULATION S, AS APPLICABLE, FOR INVESTMENT PURPOSES AND NOT WITH A VIEW TO, OR FOR OFFER OR SALE IN CONNECTION WITH, ANY DISTRIBUTION IN VIOLATION OF THE SECURITIES ACT IN A TRANSACTION EXEMPT FROM REGISTRATION UNDER THE SECURITIES ACT, (B) IN ACCORDANCE WITH ALL APPLICABLE SECURITIES LAWS OF ANY STATE OF THE UNITED STATES AND ANY OTHER APPLICABLE JURISDICTIONS AND (C) THAT IT WILL, AND EACH SUBSEQUENT HOLDER IS REQUIRED TO, NOTIFY ANY PURCHASER FROM IT OF THIS NOTE OF THE RESALE RESTRICTIONS SET FORTH IN (A) AND (B) ABOVE.

EACH PURCHASER OF THIS NOTE WILL BE DEEMED TO HAVE MADE THE FOLLOWING REPRESENTATIONS: THE PURCHASER IS [FOR A NOTE SOLD UNDER RULE 144A: A QUALIFIED INSTITUTIONAL BUYER] [FOR A NOTE SOLD UNDER REGULATION S: NOT A “U.S. PERSON” AND ACQUIRED THIS NOTE IN AN “OFF-SHORE TRANSACTION,” AS SUCH TERMS ARE DEFINED IN, AND IN ACCORDANCE WITH, REGULATION S UNDER THE SECURITIES ACT]; AND THE PURCHASER UNDERSTANDS THAT THIS NOTE HAS NOT BEEN REGISTERED UNDER THE SECURITIES ACT OR REGISTERED OR QUALIFIED UNDER ANY APPLICABLE STATE AND FOREIGN SECURITIES LAWS, THIS NOTE IS A “RESTRICTED SECURITY” WITHIN THE MEANING OF RULE 144 UNDER THE SECURITIES ACT, ANY OFFER, RESALE, PLEDGE OR OTHER TRANSFER OF THIS NOTE WILL BE SUBJECT TO VARIOUS TRANSFER RESTRICTIONS, AND MAY NOT BE REOFFERED, RESOLD, PLEDGED OR OTHERWISE TRANSFERRED IN ANY PARTICULAR JURISDICTION EXCEPT IN ACCORDANCE WITH ALL APPLICABLE SECURITIES LAWS OF THAT JURISDICTION. ANY SALE OR TRANSFER IN VIOLATION OF THE FOREGOING WILL BE OF NO FORCE AND EFFECT, WILL BE VOID *AB INITIO*, AND WILL NOT OPERATE TO TRANSFER ANY RIGHTS TO THE TRANSFEREE, NOTWITHSTANDING ANY INSTRUCTIONS TO THE CONTRARY TO THE INDENTURE TRUSTEE OR ANY INTERMEDIARY, IF AT ANY TIME THE INDENTURE TRUSTEE OBTAINS ACTUAL KNOWLEDGE OR IS NOTIFIED THAT THE HOLDER OF SUCH BENEFICIAL INTEREST IN SUCH NOTE WAS IN BREACH, AT THE TIME GIVEN, OF ANY OF THE ABOVE REPRESENTATIONS, THE INDENTURE TRUSTEE MAY CONSIDER THE ACQUISITION OF THIS NOTE OR SUCH INTEREST IN THIS NOTE VOID AND REQUIRE THAT THIS NOTE OR SUCH INTEREST HEREIN BE TRANSFERRED TO A PERSON DESIGNATED BY THE TRUST.

THIS NOTE IS AN OBLIGATION OF THE TRUST ONLY. THIS NOTE, INCLUDING ANY INTEREST THEREON, IS NOT GUARANTEED BY THE UNITED STATES AND DOES NOT CONSTITUTE A DEBT OR OBLIGATION OF THE UNITED STATES OR ANY AGENCY OR INSTRUMENTALITY OF THE UNITED STATES OTHER THAN THE TRUST

11. In the case of a Note sold outside of the United States of America, its territories and possessions to a person that is not a “U.S. person” in reliance on Regulation S under the Securities Act prior to the date that is 40 days after the later of (i) the commencement of the offering of the Notes to persons other than distributors in reliance on Regulation S under the Securities Act and (ii) the date of closing of the offering of the Notes, such purchaser acknowledges that such Note will contain a legend substantially to the following effect and agrees to the provisions set forth in such legend:

PRIOR TO THE DATE THAT IS 40 DAYS AFTER THE LATER OF (A) THE COMMENCEMENT OF THE OFFERING TO PERSONS OTHER THAN DISTRIBUTORS IN RELIANCE ON REGULATION S UNDER THE SECURITIES ACT AND (B) THE DATE OF CLOSING OF THE OFFERING, THIS NOTE

MAY NOT BE OFFERED, SOLD, PLEDGED OR OTHERWISE TRANSFERRED IN THE UNITED STATES OR TO A U.S. PERSON WITHIN THE MEANING OF RULE 902(k) OF REGULATION S UNDER THE SECURITIES ACT EXCEPT PURSUANT TO AN EXEMPTION FROM THE REGISTRATION REQUIREMENTS OF THE SECURITIES ACT. NO BENEFICIAL OWNERS OF THIS NOTE SHALL BE ENTITLED TO RECEIVE PAYMENT OF PRINCIPAL OR INTEREST HEREON UNLESS THE REQUIRED CERTIFICATIONS HAVE BEEN DELIVERED PURSUANT TO THE TERMS OF THE INDENTURE.

12. In addition, each ERISA Eligible Note will bear a legend substantially to the following effect:

FURTHER, THIS NOTE MAY NOT BE SOLD OR TRANSFERRED TO ANY PLAN SUBJECT TO THE UNITED STATES EMPLOYEE RETIREMENT INCOME SECURITY ACT OF 1974, AS AMENDED (“ERISA”) OR SECTION 4975 OF THE UNITED STATES INTERNAL REVENUE CODE OF 1986, AS AMENDED (THE “CODE”), OR TO ANY PERSON OR ENTITY ACTING ON BEHALF OF, OR USING OR DEEMED TO BE USING “PLAN ASSETS” OF ANY SUCH PLAN, INCLUDING AN INSURANCE COMPANY GENERAL ACCOUNT, OR TO A GOVERNMENTAL OR CHURCH PLAN OR FOREIGN PLAN WHICH IS SUBJECT TO ANY FOREIGN, UNITED STATES FEDERAL, STATE OR LOCAL LAW THAT IS SIMILAR TO ERISA OR CODE SECTION 4975 (“SIMILAR LAW”), UNLESS THE PURCHASER OR TRANSFEREE IS ELIGIBLE FOR CERTAIN EXEMPTIVE RELIEF. ACCORDINGLY, EACH TRANSFEREE OF AN INTEREST HEREIN HEREBY IS DEEMED TO REPRESENT AND WARRANT BY ACQUISITION OF SUCH NOTE THAT EITHER (A) IT IS NOT AND IS NOT ACTING ON BEHALF OF AN “EMPLOYEE BENEFIT PLAN” AS DEFINED IN SECTION 3(3) OF ERISA, A PLAN DESCRIBED IN CODE SECTION 4975(e)(1), AN ENTITY WHICH IS DEEMED TO HOLD THE ASSETS OF ANY SUCH PLAN PURSUANT TO 29 C.F.R. SECTION 2510.3-101, AS MODIFIED BY SECTION 3(42) OF ERISA, WHICH EMPLOYEE BENEFIT PLAN, PLAN OR ENTITY IS SUBJECT TO TITLE I OF ERISA OR CODE SECTION 4975, OR A GOVERNMENTAL OR CHURCH PLAN OR FOREIGN PLAN WHICH IS SUBJECT TO ANY SIMILAR LAW, OR (B) ITS PURCHASE, OWNERSHIP AND DISPOSITION OF SUCH NOTE WILL NOT CONSTITUTE OR RESULT IN A NON-EXEMPT PROHIBITED TRANSACTION UNDER SECTION 406 OF ERISA OR CODE SECTION 4975 (OR, IN THE CASE OF A GOVERNMENTAL OR CHURCH PLAN OR FOREIGN PLAN, ANY VIOLATION OF SIMILAR LAW).

Each Non-ERISA Eligible Note will bear a legend substantially to the following effect:

FURTHER, THIS NOTE MAY NOT BE SOLD OR TRANSFERRED TO ANY PLAN SUBJECT TO THE UNITED STATES EMPLOYEE RETIREMENT INCOME SECURITY ACT OF 1974, AS AMENDED (“**ERISA**”) OR SECTION 4975 OF THE UNITED STATES INTERNAL REVENUE CODE OF 1986, AS AMENDED (THE “**CODE**”), OR TO ANY PERSON OR ENTITY ACTING ON BEHALF OF OR USING OR DEEMED TO BE USING “PLAN ASSETS” OF ANY SUCH PLAN, INCLUDING AN INSURANCE COMPANY GENERAL ACCOUNT, OR TO A GOVERNMENTAL OR CHURCH PLAN OR FOREIGN PLAN WHICH IS SUBJECT TO ANY FOREIGN, UNITED STATES FEDERAL, STATE OR LOCAL LAW THAT IS SIMILAR TO ERISA OR CODE SECTION 4975 (“**SIMILAR LAW**”). ACCORDINGLY, EACH TRANSFEREE OF AN INTEREST HEREIN HEREBY IS DEEMED TO REPRESENT AND WARRANT BY ACQUISITION OF SUCH NOTE THAT IT IS NOT AND IS NOT ACTING ON BEHALF OF AN “EMPLOYEE BENEFIT PLAN” AS DEFINED IN SECTION 3(3) OF ERISA, A PLAN DESCRIBED IN CODE SECTION 4975(e)(1), AN ENTITY WHICH IS DEEMED TO HOLD THE ASSETS OF ANY SUCH PLAN PURSUANT TO 29 C.F.R. SECTION 2510.3-101, AS MODIFIED BY SECTION 3(42) OF ERISA, WHICH EMPLOYEE BENEFIT PLAN, PLAN OR ENTITY IS SUBJECT TO TITLE I OF ERISA OR CODE SECTION 4975 OR A GOVERNMENTAL OR CHURCH PLAN OR FOREIGN PLAN WHICH IS SUBJECT TO ANY SIMILAR LAW.

#### **Notice to Canadian Investors**

The Notes may be sold only to purchasers purchasing, or deemed to be purchasing, as principal that are accredited investors, as defined in National Instrument 45-106 Prospectus Exemptions or subsection 73.3(1) of the Securities Act (Ontario), and are permitted clients, as defined in National Instrument 31-103 Registration

Requirements, Exemptions and Ongoing Registrant Obligations. Any resale of the Notes must be made in accordance with an exemption from, or in a transaction not subject to, the prospectus requirements of applicable securities laws.

Securities legislation in certain provinces or territories of Canada may provide a purchaser with remedies for rescission or damages if this Memorandum (including any amendment thereto) contains a misrepresentation, provided that the remedies for rescission or damages are exercised by the purchaser within the time limit prescribed by the securities legislation of the purchaser's province or territory. The purchaser should refer to any applicable provisions of the securities legislation of the purchaser's province or territory for particulars of these rights or consult with a legal advisor.

Pursuant to section 3A.3 of National Instrument 33-105 Underwriting Conflicts (NI 33-105), the Initial Purchasers are not required to comply with the disclosure requirements of NI 33-105 regarding underwriter conflicts of interest in connection with this offering.

### **Notice to Spanish Investors**

No action has been or will be taken by Freddie Mac that would permit a public offering of the Notes in Spain to be non-exempted from the prospectus requirement. Neither the Notes nor the offering have been or will be registered or approved by the Spanish Securities Market Commission (Comisión Nacional del Mercado de Valores) ("CNMV") and, therefore, no prospectus has been or will be registered or approved by the CNMV for the purposes of this offering.

## **RATINGS**

It is a condition to the issuance of the Notes that the Rated Notes receive from the Rating Agencies the ratings identified for such Classes of Notes in Table 1. No other Notes will be rated and we have no obligation to obtain ratings for such Notes in the future. The ratings assigned to the Rated Notes will be subject to ongoing monitoring, upgrades, downgrades, withdrawals and surveillance by each Rating Agency after the date of issuance of such Notes.

It is possible that the Rating Agencies could revise their delinquency and loss models and, following the Closing Date, downgrade their ratings on certain Classes of the Rated Notes that were not subject to such models as part of the rating process.

The ratings address the likelihood of the timely receipt of payments of interest to which the Holders of the Rated Notes are entitled and, with respect to the Classes of Rated Notes entitled to principal payments, the ultimate payment of principal by the Maturity Date. The ratings of the Rated Notes should be evaluated independently from similar ratings on other types of securities. The ratings are not a recommendation to buy, sell or hold the Rated Notes and may be subject to revision or withdrawal at any time by the Rating Agencies.

In addition, the ratings do not address: (i) the likelihood, timing, or frequency of prepayments (both voluntary and involuntary) on the Reference Obligations and their impact on interest payments or the degree to which such prepayments might differ from those originally anticipated, (ii) the possibility that a Noteholder might suffer a lower than anticipated yield, (iii) the tax treatment of the Rated Notes or the effect of taxes on the payments received, (iv) the likelihood or willingness of the parties to the respective documents to meet their contractual obligations or the likelihood or willingness of any party or court to enforce, or hold enforceable, the documents in whole or in part, (v) an assessment of the yield to maturity that investors may experience, or (vi) other non-credit risks, including, without limitation, market risks or liquidity.

The ratings take into consideration certain credit risks with respect to the Reference Obligations. However, as noted above, the ratings do not represent an assessment of the likelihood, timing or frequency of principal prepayments (both voluntary and involuntary) on the Reference Obligations, or the degree to which such prepayments might differ from those originally anticipated. In general, the ratings address credit risk and not prepayment risk. In addition, the ratings do not represent an assessment of the yield to maturity that investors may experience or the possibility that the Holders of the Interest Only MACR Notes might not fully recover their initial investment in the event of Credit Events or rapid prepayments on the Reference Obligations (including both voluntary and involuntary prepayments).



As indicated in this Memorandum, the Interest Only MACR Notes are only entitled to payments of interest. In the event that Holders of the Interest Only MACR Notes do not fully recover their investment as a result of (i) a high rate of Credit Events and Modification Events that result in losses being realized with respect thereto, or (ii) rapid principal prepayments on the Reference Obligations, all amounts “due” to such Holders will nevertheless have been paid, and such result is consistent with the ratings received on the Interest Only MACR Notes that are Rated Notes. For example, if the Reference Obligations were to prepay in the initial month following the Closing Date, Holders of the Interest Only MACR Notes would receive only a single month’s interest and, therefore, would suffer a nearly complete loss of their investment. The Notional Principal Amounts of the Interest Only MACR Notes on which interest is calculated will be reduced by the allocation under the hypothetical structure described in this Memorandum of Tranche Write-down Amounts and prepayments, whether voluntary or involuntary, to the related Reference Tranches and Exchangeable Notes from which their respective Notional Principal Amounts are derived. The ratings do not address the timing or magnitude of reductions of such Notional Principal Amounts, but only the obligation to pay interest in a timely manner on the Notional Principal Amounts as so reduced from time to time. Therefore, the ratings of the Interest Only MACR Notes that are Rated Notes should be evaluated independently from similar ratings on other types of securities.

Other NRSROs that we have not engaged to rate the Rated Notes may issue unsolicited credit ratings or provide commentary on one or more Classes of the Notes, relying on information they receive pursuant to Rule 17g-5 or otherwise. If any such unsolicited ratings are issued, we cannot assure you that they will not be different from the ratings assigned by the Rating Agencies, and if lower than the Rating Agencies’ ratings, whether such unsolicited ratings will have an adverse impact on the liquidity, market value and regulatory characteristics of such Notes. Further, a determination by the SEC that either or both of the Rating Agencies no longer qualifies as an NRSRO or is no longer qualified to rate the Rated Notes, could adversely affect the liquidity, market value and regulatory characteristics of the Rated Notes. See “*Risk Factors — General Risks — The Ratings on the Rated Notes May Not Reflect All Risks*”.

## **LEGAL MATTERS**

Our General Counsel or one of our Deputy General Counsels will render an opinion on the legality of the Notes. Certain tax matters with respect to the Notes will be passed upon for the Trust by Shearman & Sterling LLP. Cadwalader, Wickersham & Taft LLP will deliver certain opinions on other legal matters.

## GLOSSARY OF SIGNIFICANT TERMS

Whenever used in this Memorandum, the following words and phrases have the following meanings, unless the context otherwise requires.

**“2016 Servicing Rules”** means certain final rules released by CFPB in August 2016.

**“30-Day Average SOFR”** with respect to any U.S. Government Securities Business Day, means the compounded average of SOFR over a rolling 30-calendar day period as such rate appears on the FRBNY’s Website (currently at <https://apps.newyorkfed.org/markets/autorates/sofr-avg-ind>) as “30-Day Average SOFR” on such U.S. Government Securities Business Day; provided, however, that if the FRBNY ceases to publish 30-Day Average SOFR, at such other source selected by Freddie Mac in its sole discretion.

**“Academy Securities”** means Academy Securities, Inc.

**“Accept Mortgage”** means an LPA mortgage loan that receives a risk class of “Accept”. An “Accept” risk class confirms that LPA has determined that the borrower’s creditworthiness is acceptable, provided that other requirements in the Guide applicable to Accept Mortgages are met.

**“Account Control Agreement”** means the Account Control Agreement dated as of the Closing Date among the Trust, the Indenture Trustee and the Custodian, as the same may be amended, supplemented or modified from time to time.

**“Accounting Net Yield”** with respect to each Payment Date and any Reference Obligation, means the related mortgage rate less the related servicing fee rate.

**“Accrual Period”** with respect to each Payment Date, means the period beginning on and including the prior Payment Date (or, in the case of the first Payment Date, the Closing Date) and ending on and including the day preceding such Payment Date.

**“ACE”** means our proprietary automated collateral evaluation.

**“Additional Collateral”** means all of the Trust’s right, title and interest in, to and under, whether now owned or existing, or hereafter acquired or arising, (a) the Collateral Administration Agreement and Capital Contribution Agreement and all payments to the Trust thereunder or with respect thereto, (b) all accounts, general intangibles, chattel paper, instruments, documents, goods, money, investment property, deposit accounts, letters of credit and letter-of-credit rights, consisting of, arising from, or relating to, any of the foregoing and (c) all proceeds, accessions, profits, income, benefits, substitutions and replacements, whether voluntary or involuntary, of and to any of the property of the Trust described in the preceding clauses.

**“ADI”** means Appraisal Desktop with Inspection.

**“Administration Agreement”** means the Administration Agreement dated as of the Closing Date among the Indenture Trustee, the Custodian, the Exchange Administrator, the Investment Manager, the Owner Trustee, the Trust, the Sponsor and the Administrator, as the same may be amended, supplemented or modified from time to time.

**“Administrator”** means the administrator pursuant to the Administration Agreement. On the Closing Date, the Administrator will be Freddie Mac.

**“Adverse REMIC Event”** means either (a) a loss of status as a REMIC within the meaning of Code Section 860D for any group of assets identified in the Indenture as a REMIC, or (b) the imposition of any tax, including the tax imposed under Code Section 860F(a)(1) on prohibited transactions, and the tax imposed under Code Section 860G(d) on certain contributions to a REMIC, on any REMIC created under the Indenture to the extent such tax would be payable from assets held as part of the Trust.

**“Affiliate”** with respect to a specified person, means a person that directly, or indirectly through one or more intermediaries, controls or is controlled by, or is under common control with, the person specified.

**“ALTA”** means American Land Title Association.

**“Article 7”** means Article 7 of the Securitization Regulations.

**“Article 9”** means Article 9 of the UCC.

**“ATR Rule”** means, collectively, the Ability to Repay Rules, which amend Regulation Z to require that creditors make a good faith determination that a consumer will have a reasonable ability to repay a residential mortgage loan according to its terms.

**“AUS”** means an automated underwriting system.

**“Authenticating Agent”** means the authenticating agent pursuant to the Indenture. On the Closing Date, the Authenticating Agent will be Citibank.

**“AVM”** means automated valuation model.

**“Basic Documents”** means the Trust Agreement, the Notes, the Residual Certificates, the Owner Certificate, the Indenture, the Collateral Administration Agreement, the Capital Contribution Agreement, the Administration Agreement, the Account Control Agreement, the Investment Management Agreement, the Note Purchase Agreement and each other document to which the Trust is or may become a party, in each case as the same may be amended, supplemented or modified from time to time.

**“Benchmark”** means, initially, SOFR; provided that if Freddie Mac determines prior to the Reference Time that a Benchmark Transition Event and its related Benchmark Replacement Date have occurred with respect to SOFR or the then-current Benchmark, then “Benchmark” means the applicable Benchmark Replacement.

**“Benchmark Replacement”** means the first alternative set forth in the order below that can be determined by Freddie Mac as of the Benchmark Replacement Date:

(1) the sum of: (a) the alternate rate of interest that has been selected or recommended by the Relevant Governmental Body as the replacement for the then-current Benchmark and (b) the Benchmark Replacement Adjustment;

(2) the sum of: (a) the ISDA Fallback Rate and (b) the Benchmark Replacement Adjustment; or

(3) the sum of: (a) the alternate rate of interest that has been selected by Freddie Mac as the replacement for the then-current Benchmark giving due consideration to any industry-accepted rate of interest as a replacement for the then-current Benchmark for U.S. dollar-denominated floating rate securities at such time and (b) the Benchmark Replacement Adjustment.

**“Benchmark Replacement Adjustment”** means the first alternative set forth in the order below that can be determined by Freddie Mac as of the Benchmark Replacement Date:

(1) the spread adjustment (which may be a positive or negative value or zero), or method for calculating or determining such spread adjustment, that has been selected or recommended by the Relevant Governmental Body for the applicable Unadjusted Benchmark Replacement;

(2) if the applicable Unadjusted Benchmark Replacement is equivalent to the ISDA Fallback Rate, the ISDA Fallback Adjustment; or

(3) the spread adjustment (which may be a positive or negative value or zero) that has been selected by Freddie Mac giving due consideration to any industry-accepted spread adjustment, or method for calculating or determining such spread adjustment, for the replacement of the then-current Benchmark with the applicable Unadjusted Benchmark Replacement for U.S. dollar-denominated floating rate securities at such time.

**“Benchmark Replacement Conforming Changes”** means, with respect to any Benchmark Replacement, any technical, administrative or operational changes (including changes to the Accrual Period, timing and frequency of determining rates and making payments of interest, rounding of amounts or tenors, and other administrative matters) that Freddie Mac decides may be appropriate to reflect the adoption of such Benchmark Replacement in a manner substantially consistent with market practice (or, if Freddie Mac decides that adoption of any portion of such market practice is not administratively feasible or if Freddie Mac determines that no market practice for use of the Benchmark Replacement exists, in such other manner as Freddie Mac determines is reasonably necessary).

**“Benchmark Replacement Date”** means the earliest to occur of the following events with respect to the then-current Benchmark (including the daily published component used in the calculation thereof):

(1) in the case of clause (1) or (2) of the definition of “Benchmark Transition Event,” the later of (a) the date of the public statement or publication of information referenced therein and (b) the date on which the administrator of the Benchmark permanently or indefinitely ceases to provide the Benchmark (or such component); or

(2) in the case of clause (3) of the definition of “Benchmark Transition Event,” the date of the public statement or publication of information referenced therein.

For the avoidance of doubt, if the event that gives rise to the Benchmark Replacement Date occurs on the same day as, but earlier than, the Reference Time in respect of any determination, the Benchmark Replacement Date will be deemed to have occurred prior to the Reference Time for such determination.

**“Benchmark Transition Event”** means the occurrence of one or more of the following events with respect to the then-current Benchmark (including the daily published component used in the calculation thereof):

(1) a public statement or publication of information by or on behalf of the administrator of the Benchmark (or such component) announcing that such administrator has ceased or will cease to provide the Benchmark (or such component), permanently or indefinitely, provided that, at the time of such statement or publication, there is no successor administrator that will continue to provide the Benchmark (or such component); or

(2) a public statement or publication of information by the regulatory supervisor for the administrator of the Benchmark (or such component), the central bank for the currency of the Benchmark (or such component), an insolvency official with jurisdiction over the administrator for the Benchmark (or such component), a resolution authority with jurisdiction over the administrator for the Benchmark (or such component) or a court or an entity with similar insolvency or resolution authority over the administrator for the Benchmark, which states that the administrator of the Benchmark (or such component) has ceased or will cease to provide the Benchmark (or such component) permanently or indefinitely, provided that, at the time of such statement or publication, there is no successor administrator that will continue to provide the Benchmark (or such component); or

(3) a public statement or publication of information by the regulatory supervisor for the administrator of the Benchmark announcing that the Benchmark is no longer representative.

**“Beneficial Owner”** means, individually and collectively, a U.S. Beneficial Owner and a Non-U.S. Beneficial Owner.

**“Benefit Plan Investors”** has the meaning ascribed thereto in the Plan Asset Regulation; *i.e.*, (i) any employee benefit plan as defined in Section 3(3) of ERISA that is subject to Title I of ERISA, (ii) any plan described in and subject to Code Section 4975(e)(1) and (iii) any entity whose underlying assets are deemed to include plan assets (determined pursuant to the Plan Asset Regulation) by reason of an employee benefit plan’s or a plan’s investment in such entity.

**“BlackRock”** means BlackRock Financial Management, Inc.

**“BNY Mellon”** means The Bank of New York Mellon.

**“BofA Securities”** means BofA Securities, Inc.

**“Book-Entry Notes”** means global notes in book-entry form held through the book-entry system of DTC, Euroclear or Clearstream, as applicable.

**“BPO”** means a broker price opinion.

**“Business Day”** means a day other than (i) a Saturday or Sunday; or (ii) a day on which the offices of Freddie Mac, the corporate trust offices of the Owner Trustee, the corporate trust offices of the Indenture Trustee or Exchange Administrator, DTC, or the banking institutions in the City of New York are authorized or obligated by law or executive order to be closed.

**“Canadian Purchaser”** means any purchaser of a Note who is located or resident in Canada or otherwise subject to the laws of Canada.

**“Cantor”** means Cantor Fitzgerald & Co.

**“Canadian Securities Laws”** means all applicable securities laws, regulations, rules, instruments, rulings and orders, including those applicable in each of the provinces and territories of Canada.

**“Capital Contribution Agreement”** means the Capital Contribution Agreement dated as of the Closing Date among the Trust, the Indenture Trustee and us, as the same may be amended, supplemented or modified from time to time.

**“Capital Contribution Amount”** with respect to each Payment Date, means the sum of the Index Component Contribution plus the Investment Liquidation Contribution for such Payment Date.

**“CARES Act”** means the Coronavirus Aid, Relief and Economic Security Act, which was enacted on March 27, 2020.

**“CDC”** means the Centers for Disease Control and Prevention.

**“CER”** or **“Credit Event Rate”** means a rate based on an assumption that a constant rate of Reference Obligations become Credit Event Reference Obligations each month relative to the then-outstanding aggregate principal balance of the Reference Obligations.

**“CERCLA”** means the federal Comprehensive Environmental Response, Compensation and Liability Act of 1980, as amended.

**“CFPB”** means the Consumer Financial Protection Bureau.

**“CFPB COVID-19 Rule”** means the rule issued by the CFPB on June 28, 2021; “Protections for Borrowers Affected by the COVID-19 Emergency Under the Real Estate Settlement Procedures Act (RESPA), Regulation X” 86 Fed. Reg. 34848.

**“CFPB Director’s Letter”** means the letter released by the Director of the CFPB on December 19, 2015.

**“CFTC”** means the Commodity Futures Trading Commission.

**“Citibank”** means Citibank, N.A.

**“Citigroup”** means Citigroup Global Markets Inc.

**“Class”** means, individually and collectively, the Original Classes, the MACR Classes and/or the classes of Reference Tranches, as the context may require.

**“Class Coupon”** means the applicable per annum interest rate for each Class of Notes, the Class B-1H Reference Tranche and the Class B-2H Reference Tranche, which will be equal to (i) in the case of each Class of Notes (other than the Interest Only MACR Notes and the Class M-2RB, Class M-2SB, Class M-2TB and Class M-2UB Notes), the Class B-1H Reference Tranche and the Class B-2H Reference Tranche: (x) for the first Accrual Period, the per annum interest rate shown for such Class under the column “Initial Class Coupon” in Table 1 and (y) for all other Accrual Periods, the sum of (a) the SOFR Rate plus (b) the margin shown for such Class in Table 1, (ii) in the case of each Class of Interest Only MACR Notes, the per annum interest rate shown for each such Class under the column “Initial Class Coupon” in Table 1 (subject to any adjustment as described in footnote 7 thereto) and (iii) in the case of each of the Class M-2RB, Class M-2SB, Class M-2TB and Class M-2UB Notes, the per annum interest rate shown for such Class under the column “Class Coupon Formula” in Table 1, in each case subject to any applicable Class Coupon minimum rate set forth in Table 1.

**“Class Notional Amount”** with respect to each Class of Reference Tranche as of any Payment Date, means the notional principal amount on such Payment Date which amount will equal the initial Class Notional Amount of such Class of Reference Tranche, *minus* the aggregate amount of Senior Reduction Amounts and/or Subordinate Reduction Amounts and Supplemental Subordinate Reduction Amounts allocated to such Class of Reference Tranche on such Payment Date and all prior Payment Dates, *minus* the aggregate amount of Tranche Write-down Amounts allocated to reduce the Class Notional Amount of such Class of Reference Tranche on such Payment Date and on all prior Payment Dates, *minus* the aggregate amount of Notes Retirement Amounts paid, if any, by the Trust to Freddie Mac to retire any portion of the Corresponding Class of Notes on such Payment Date and on all dates prior to such Payment Date, *plus* the aggregate amount of Tranche Write-up Amounts allocated to



increase the Class Notional Amount of such Class of Reference Tranche on such Payment Date and on all prior Payment Dates, *plus*, with respect to the Class A-H Reference Tranche, the aggregate amount of Supplemental Senior Increase Amounts allocated to increase the Class Notional Amount thereof on such Payment Date and on all prior Payment Dates, and *plus*, in the case of each of the Class M-1AH, Class M-1BH, Class M-2AH and Class M-2BH Reference Tranches, the aggregate amount of Notes Retirement Amounts allocated to reduce the Class Notional Amount of the Class M-1A, Class M-1B, Class M-2A and Class M-2B Reference Tranches, respectively. For the avoidance of doubt, no Tranche Write-up Amount or Tranche Write-down Amount will be applied twice on the same Payment Date.

**“Class Principal Balance”** means, individually and collectively, as of any Payment Date:

(1) with respect to each Class of Original Notes, the maximum dollar amount of principal to which the Holders of such Class of Notes are then entitled, with such amount being equal to the original Class Principal Balance of such Class of Notes, *minus* the aggregate amount of principal paid by the Trust on such Class of Notes on such Payment Date and all prior Payment Dates, *minus* the aggregate amount of Notes Retirement Amounts paid, if any, by the Trust to Freddie Mac on such Payment Date and on all dates prior to such Payment Date to retire any portion of such Class of Notes, *minus* the aggregate amount of Tranche Write-down Amounts allocated to reduce the Class Principal Balance of such Class of Notes on such Payment Date and on all prior Payment Dates, and *plus* the aggregate amount of Tranche Write-up Amounts allocated to increase the Class Principal Balance of such Class of Notes on such Payment Date and on all prior Payment Dates (in each case, without regard to any exchanges of Exchangeable Notes for MACR Notes); and

(2) with respect to each outstanding Class of MACR Notes that is entitled to principal, an amount equal to the outstanding Class Principal Balance or aggregate outstanding Class Principal Balance as of such Payment Date of the portion or portions of the related Class or Classes of Exchangeable Notes that are Original Notes and were exchanged for such MACR Note (or related MACR Notes in the case of the related Combinations listed in Table 2); provided, that with respect to each of the Class M-2RB, Class M-2SB, Class M-2TB and Class M-2UB Notes, if the outstanding Class Principal Balance of the Class M-2B Notes for any Payment Date is zero and the outstanding Notional Principal Amount of the Class M-2AI Notes for such Payment Date is greater than zero, then each of the Class M-2RB, Class M-2SB, Class M-2TB and Class M-2UB Notes will no longer have a Class Principal Balance, but will instead have a Notional Principal Amount equal to the portion of the Class M-2AI Notes exchanged for such Class M-2RB, Class M-2SB, Class M-2TB or Class M-2UB Notes, as applicable.

**“Clearance System”** means, individually and collectively, Euroclear and Clearstream.

**“Clearstream”** means Clearstream Banking, société anonyme, which holds securities for its participants and facilitates the clearance and settlement of securities transactions between its participants through electronic book-entry changes in accounts of its participants.

**“Closing Date”** means May 22, 2023.

**“CLTV”** means combined loan-to-value, which, with respect to each Reference Obligation, is a ratio, expressed as a percentage, obtained by dividing (a) the amount of all outstanding loans secured by the related mortgaged property known by the lender at origination by (b) the value of the mortgaged property. This term is used in the risk factors, the appendices and our loan level disclosure. It is also referred to as TLTV.

**“CME Group”** means the CME Group Inc.

**“Code”** means the Internal Revenue Code of 1986, as amended.

**“Collateral”** means, collectively, the Additional Collateral and the Secured Collateral.

**“Collateral Administration Agreement”** means the Collateral Administration Agreement dated as of the Closing Date among the Trust, the Indenture Trustee and us, as the same may be amended, supplemented or modified from time to time.

**“Collateral Representation and Warranty Relief”** means immediate relief granted to the sellers by us from their obligations for breaches of representations and warranties relating to property value, condition and/or marketability subject to and in accordance with certain conditions set forth in the Guide.

**“Combinations”** means the available modifications and combinations of Exchangeable Notes and MACR Notes as shown in Table 2.

**“Committee Report”** means the Conference Committee Report accompanying the Tax Reform Act of 1986.

**“Commodity Exchange Act”** means the Commodity Exchange Act, 7 U.S.C. 1 *et seq.*

**“Common Depositary”** means the common depositary for Euroclear, Clearstream and/or any other applicable clearing system, which will hold Common Depositary Notes on behalf of Euroclear, Clearstream and/or any such other applicable clearing system.

**“Common Depositary Notes”** means Notes that are deposited with a Common Depositary and that will clear and settle through the systems operated by Euroclear, Clearstream and/or any such other applicable clearing system other than DTC.

**“Compliance Review”** means the review conducted by the Third-Party Diligence Providers on the Monthly Diligence Sample for compliance with certain federal, state and local laws and regulations.

**“Conservation Act”** means the Asset Conservation, Lender Liability and Deposit Insurance Act of 1996.

**“Conservator”** means FHFA in its capacity as conservator of Freddie Mac.

**“Conservatorship Scorecard”** means the annual scorecard issued by the Conservator.

**“Consolidated Appropriations Act, 2021”** means the Consolidated Appropriations Act, 2021 which was enacted on January 3, 2021.

**“Corresponding Class of Notes”** means with respect to each of the Class M-1A, Class M-1B, Class M-2A and Class M-2B Reference Tranches, the Class M-1A, Class M-1B, Class M-2A and Class M-2B Notes, respectively.

**“Corresponding Class of Reference Tranche”** means with respect to (i) the Class M-1A Notes, the Class M-1A Reference Tranche, (ii) the Class M-1B Notes, the Class M-1B Reference Tranche, (iii) the Class M-2A Notes, the Class M-2A Reference Tranche and (iv) the Class M-2B Notes, the Class M-2B Reference Tranche. There is no Corresponding Class of Reference Tranche for the X-IO Interest or the Residual Certificates.

**“COVID-19”** means the disease caused by the 2019 novel coronavirus.

**“CPO”** means a “commodity pool operator” as defined under the Commodity Exchange Act.

**“CPR”** or **“Constant Prepayment Rate”** means a rate based on an assumption that the outstanding principal balance of a pool of mortgage loans prepays at a specified constant annual rate.

**“Credit Event”** with respect to any Payment Date on or before the Termination Date and any Reference Obligation, means the first to occur of any of the following events with respect to such Reference Obligation being reported by the applicable servicer to us during the related Reporting Period: (i) a short sale with respect to the related mortgaged property is settled, (ii) a related seriously delinquent mortgage note is sold prior to foreclosure, (iii) the mortgaged property that secured the related mortgage note is sold to a third party at a foreclosure sale, (iv) an REO disposition occurs or (v) the related mortgage note is charged off. With respect to any Credit Event Reference Obligation, there can only be one occurrence of a Credit Event; provided that one additional separate Credit Event can occur with respect to each instance of such Credit Event Reference Obligation becoming a Reversed Credit Event Reference Obligation. For the avoidance of doubt, a refinancing of a Reference Obligation under our Enhanced Relief Refinance Program and, if permitted as described in this Memorandum, the replacement thereof in the Reference Pool with the resulting Enhanced Relief Refinance Reference Obligation will not constitute a Credit Event. See *“General Mortgage Loan Purchase and Servicing — Enhanced Relief Refinance Program”* in Appendix E for a description of the Enhanced Relief Refinance Program.

**“Credit Event Amount”** with respect to each Payment Date, means the aggregate amount of the Credit Event UPBs of all Credit Event Reference Obligations for the related Reporting Period.

**“Credit Event Net Gain”** with respect to any Credit Event Reference Obligation, means an amount equal to the excess, if any, of:

- (a) the related Net Liquidation Proceeds; over
- (b) the sum of:
  - (i) the related Credit Event UPB;
  - (ii) the total amount of prior principal forgiveness modifications (for the avoidance of doubt, excluding any reduction in principal balance that resulted from an Enhanced Relief Refinance Reference Obligation replacing the corresponding original Reference Obligation in the Reference Pool), if any, on the related Credit Event Reference Obligation; and
  - (iii) delinquent accrued interest thereon, calculated at the related Current Accrual Rate from the related last paid interest date through the date Freddie Mac determines such Reference Obligation has been reported as a Credit Event Reference Obligation.

**“Credit Event Net Loss”** with respect to any Credit Event Reference Obligation, means an amount equal to the excess, if any, of:

- (a) the sum of:
  - (i) the related Credit Event UPB;
  - (ii) the total amount of prior principal forgiveness modifications (for the avoidance of doubt, excluding any reduction in principal balance that resulted from an Enhanced Relief Refinance Reference Obligation replacing the corresponding original Reference Obligation in the Reference Pool), if any, on the related Credit Event Reference Obligation; and
  - (iii) delinquent accrued interest thereon, calculated at the related Current Accrual Rate from the related last paid interest date through the date we determine such Reference Obligation has been reported as a Credit Event Reference Obligation, over
- (b) the related Net Liquidation Proceeds.

**“Credit Event Reference Obligation”** with respect to any Payment Date, means any Reference Obligation with respect to which a Credit Event has occurred during the related Reporting Period.

**“Credit Event Sensitivity Tables”** means the tables set forth in *“Prepayment and Yield Considerations — Yield Considerations with Respect to the Notes — Credit Event Sensitivity Tables”*.

**“Credit Event UPB”** with respect to any Credit Event Reference Obligation, means the UPB thereof as of the end of the Reporting Period related to the Payment Date on which it became a Credit Event Reference Obligation.

**“Credit Score”** means a number reported by a credit bureau, based on statistical models, that summarizes an individual’s credit record.

**“CRR”** means Regulation (EU) No. 575/2013, as amended.

**“Cumulative Net Loss Percentage”** with respect to each Payment Date, means a percentage equal to (i) the Principal Loss Amount for such Payment Date and all prior Payment Dates less the Principal Recovery Amount for such Payment Date and all prior Payment Dates; divided by (ii) the aggregate unpaid principal balance of the Reference Obligations in the Reference Pool as of the Cut-off Date.

**“Cumulative Net Loss Test”** with respect to any Payment Date, means a test that will be satisfied if the Cumulative Net Loss Percentage does not exceed the applicable percentage indicated below:

<b><u>Payment Date occurring in the period</u></b>	<b><u>Percentage</u></b>
June 2023 to May 2024 . . . . .	0.10%
June 2024 to May 2025 . . . . .	0.20%
June 2025 to May 2026 . . . . .	0.30%
June 2026 to May 2027 . . . . .	0.40%
June 2027 to May 2028 . . . . .	0.50%
June 2028 to May 2029 . . . . .	0.60%
June 2029 to May 2030 . . . . .	0.70%
June 2030 to May 2031 . . . . .	0.80%
June 2031 to May 2032 . . . . .	0.90%
June 2032 to May 2033 . . . . .	1.00%
June 2033 to May 2034 . . . . .	1.10%
June 2034 to May 2035 . . . . .	1.20%
June 2035 and thereafter . . . . .	1.30%

**“Cumulative Note Write-down Amount Tables”** means the tables set forth in *“Prepayment and Yield Considerations — Yield Considerations with Respect to the Notes — Cumulative Note Write-down Amount Tables”*.

**“Current Accrual Rate”** with respect to each Payment Date and any Reference Obligation, means the lesser of (i) the related current Accounting Net Yield; and (ii) the related current mortgage rate thereon (as adjusted for any modifications) minus 0.35%.

**“Custodian”** means the custodian pursuant to the Account Control Agreement. On the Closing Date, the Custodian will be BNY Mellon.

**“Custodian Account”** means an Eligible Account designated as the “Custodian Account” established and maintained by the Custodian pursuant to the Indenture and the Account Control Agreement in the name of the Trust, subject to the lien of the Indenture Trustee, for the benefit of the Secured Parties, in each case as their interests may appear.

**“Cut-off Date”** means the close of business on March 31, 2023.

**“Cut-off Date Balance”** means \$13,403,351,764, which is the aggregate UPB of the Reference Obligations as of the Cut-off Date.

**“Day Count Fraction”** means the percentage equivalent of a fraction, the numerator of which is the actual number of days in the related Accrual Period and the denominator of which is 360.

**“DBRS”** means DBRS, Inc.

**“Declining Balances Tables”** means the tables set forth in *“Prepayment and Yield Considerations — Weighted Average Lives of the Notes — Declining Balances Tables”*.

**“Definitive Notes”** means fully-registered Notes in definitive form.

**“Delaware Trust Statute”** means Chapter 38 of Title 12 of the Delaware Code, 12 *Del. Code* § 3801 *et seq.*, as the same may be amended from time to time.

**“Delinquency Test”** with respect to any Payment Date, means a test that will be satisfied if:

(a) the sum of the Distressed Principal Balance for the current Payment Date and each of the preceding five Payment Dates, divided by six or, in the case of any Payment Date prior to the sixth Payment Date after the Closing Date, the sum of the Distressed Principal Balance for the current Payment Date and each of the preceding Payment Dates, divided by the number of Payment Dates since the Closing Date,

is less than

(b) 50% of the amount by which (i) the product of (x) the Subordinate Percentage and (y) the aggregate UPB of the Reference Obligations as of the preceding Payment Date; exceeds (ii) the Principal Loss Amount for the current Payment Date.

**“Designated Q-REMIC Interests”** means the IO Q-REMIC Interest and the Subordinate Q-REMIC Interest issued from the Q-REMIC.

**“Distressed Principal Balance”** with respect to any Payment Date, means the sum, without duplication, of the UPB of Reference Obligations that meet any of the following criteria:

- (a) Reference Obligations that are reported as 60 days or more delinquent;
- (b) Reference Obligations that are in foreclosure, bankruptcy, or REO status; or
- (c) Reference Obligations that were modified in the 12 months preceding the end of the related Reporting Period.

**“Distribution Account”** means the Eligible Account designated as the “Distribution Account”, and established in the name of the Indenture Trustee pursuant to the Indenture in which the following amounts will be deposited upon receipt: (a) investment income earned on the Eligible Investments, (b) proceeds from the liquidation of Eligible Investments, (c) distributions on the IO Q-REMIC Interest and (d) the Transfer Amounts, Return Reimbursement Amounts, Capital Contribution Amounts and Return Amounts that become due and payable.

**“Dodd-Frank Act”** means the Dodd-Frank Wall Street Reform and Consumer Protection Act.

**“DTC”** means The Depository Trust Company, a New York-chartered limited purpose trust company.

**“DTC Note”** means a Note cleared, settled and maintained on the DTC system, registered in the name of a nominee of DTC. All Notes will be DTC Notes at issuance.

**“DTI”** means debt-to-income, which is a ratio of a mortgagor’s monthly debt obligations (including the proposed new housing payment and related expenses such as property taxes and property insurance) to such mortgagor’s gross monthly income.

**“DU”** means Fannie Mae’s proprietary system, Desktop Underwriter®.

**“Due Diligence Requirements”** means the EU Due Diligence Requirements and the UK Due Diligence Requirements.

**“Early Redemption Date”** means the Payment Date on which the Notes will be redeemed, which date is concurrent with the Early Termination Date.

**“Early Termination Date”** means, prior to or on the Scheduled Maturity Date, the earliest to occur of:

- (i) the Payment Date so designated by the Trust following the occurrence of a Freddie Mac Default;
- (ii) the Payment Date so designated by us following the occurrence of an Optional Termination Event;
- (iii) the Payment Date related to the Reporting Period in which there occurs the final payment or other liquidation of the last Reference Obligation remaining in the Reference Pool or the disposition of any REO in respect thereof;
- (iv) the Payment Date related to the Reporting Period in which there occurs the removal of the last Reference Obligation remaining in the Reference Pool or any REO in respect thereof;
- (v) the Payment Date on which the aggregate Class Principal Balance of all outstanding Classes of Original Notes is reduced to zero (without giving effect to any allocations of Tranche Write-down Amounts or Tranche Write-up Amounts on such Payment Date and all prior Payment Dates) and accrued and unpaid interest due on the Original Notes has been paid in full; and
- (vi) the Payment Date so designated by the Trust or us:
  - (a) in the event the maturity of the Notes has been accelerated in accordance with the Indenture; or
  - (b) following a merger or analogous event by the Trust or us without a corresponding assumption of the Trust’s or our respective obligations under the Basic Documents.



“EEA” means European Economic Area.

“**Eligibility Criteria**” means the eligibility criteria to be satisfied with respect to each Reference Obligation in the Reference Pool, which criteria are as follows:

- (a) is a fully amortizing, fixed-rate, one- to four-unit, first lien mortgage loan, which has an original term of 241 to 360 months;
- (b) we securitized between January 1, 2022 and January 31, 2022 and was acquired on or after January 1, 2022;
- (c) is held in our PCs with respect to which a REMIC election has been made;
- (d) has not been prepaid in full as of April 4, 2023;
- (e) as of April 4, 2023, the servicer has not reported that the mortgagor of such Reference Obligation has filed for bankruptcy;
- (f) has not been repurchased by the applicable seller or servicer as of April 4, 2023;
- (g) has no Underwriting Defects, Major Servicing Defects or Minor Servicing Defects as determined by our internal quality control process as of the Quality Control Cut-off Date;
- (h) since being purchased by us, has never been reported to be 30 days or more delinquent or in forbearance as of the Cut-off Date;
- (i) was originated with documentation as described under “*General Mortgage Loan Purchase and Servicing — Underwriting Standards — Documentation*” in Appendix E;
- (j) is not covered by pool insurance;
- (k) has an original LTV ratio that is (i) greater than 80% and (ii) less than or equal to 97%;
- (l) has an original CLTV ratio that is less than or equal to 97%;
- (m) subject to any applicable TOBs or certain pilot programs, is not subject to recourse or other credit enhancement;
- (n) was not originated under our relief refinance program (including HARP, which is FHFA’s name for our relief refinance program for mortgages with an LTV ratio greater than 80%);
- (o) was not associated with a mortgage revenue bond purchased by us;
- (p) had an original principal balance greater than or equal to \$5,000; and
- (q) was not originated under a government program (e.g., FHA, VA or Guaranteed Rural Housing loans).

Subject to the satisfaction of certain conditions described in the definition of “Reference Pool Removal” in this “*Glossary of Significant Terms*”, upon the refinancing of a Reference Obligation under the Enhanced Relief Refinance Program, the resulting Enhanced Relief Refinance Reference Obligation will be deemed a Reference Obligation and will be included in the Reference Pool in the place of the original refinanced Reference Obligation following the Enhanced Relief Refinance Program Release Date, notwithstanding that such Enhanced Relief Refinance Reference Obligation may not meet all the Eligibility Criteria set forth above. See “*General Mortgage Loan Purchase and Servicing — Enhanced Relief Refinance Program*” in Appendix E for a description of the Enhanced Relief Refinance Program.

“**Eligible Account**” means any of (a) an account or accounts maintained with a federal or state-chartered depository institution or trust company (including the Indenture Trustee and Custodian and their affiliates) that, in either case, has a combined capital and surplus of at least \$1,000,000,000 and the long-term unsecured debt obligations of which are rated at least “A” by S&P, “A2” by Moody’s and “A” by Fitch, if the deposits are to be held in such account for 30 days or more, or the short-term debt obligations of which have a short-term rating of not less than “A-1” by S&P, “P-1” by Moody’s and “F1” by Fitch, if the deposits are to be held in such account for less than 30 days; or (b) a segregated trust account or accounts maintained with the corporate trust department

of a federal or state-chartered depository institution or trust company that, in either case, has a combined capital and surplus of at least \$50,000,000 and has corporate trust powers, acting in its fiduciary capacity, and the long-term deposit or unsecured debt obligations of which are rated at least “A” by S&P, “A2” by Moody’s and “A” by Fitch, if the deposits are to be held in such account for 30 days or more, or the short-term debt obligations of which have a short-term rating of not less than “A-1” by S&P, “P-1” by Moody’s and “F1” by Fitch, if the deposits are to be held in such account for less than 30 days, provided, that with respect to this clause (b), that any state-chartered depository institution or trust company is subject to regulation regarding fiduciary funds substantially similar to 12 C.F.R. § 9.10(b); provided that the above-referenced ratings with respect to each of S&P, Moody’s and/or Fitch shall only be required to the extent (i) such rating agency is a Rating Agency as of the Closing Date or (ii) such rating agency is engaged by Freddie Mac after the Closing Date for the purpose of rating any Note(s).

**“Eligible Investments”** means each of the following U.S. dollar-denominated investments, provided such investment has a maturity date no later than 60 days from the date of purchase (except as otherwise set forth in (b) below):

(a) Obligations issued or fully guaranteed by (i) the U.S. government or a U.S. government agency or instrumentality, (ii) the World Bank, (iii) the International Finance Corporation, (iv) the Inter-American Development Bank or (v) the Asian Development Bank;

(b) Repurchase obligations involving any security described in (a) above (without any restriction based on the maturity date of such security) and entered into with an approved counterparty under the Investment Management Agreement; and

(c) Government money market funds rated in one of two highest categories for long-term unsecured debt or in the highest category for short-term obligations by each applicable NRSRO; provided that such fund is an approved fund under the Investment Management Agreement;

provided, however, that in the event an investment fails to qualify under any of clauses (a) through (c) above, the proceeds of the sale of such investment will still be deemed to be proceeds of an Eligible Investment, provided such proceeds are promptly distributed in accordance with the Indenture or reinvested in Eligible Investments, as applicable. With respect to government money market funds, the maturity date will be determined under SEC Rule 2a-7 promulgated under the Investment Company Act.

**“ELTV”** with respect to each Reference Obligation, means the estimated LTV ratio obtained by dividing the outstanding balance of the Reference Obligation as of the Cut-off Date by the value of the related mortgaged property obtained through HVE as of the Cut-off Date.

**“Enhanced Relief Refinance Program”** means our high LTV ratio refinance program, effective October 1, 2017, designed to provide refinance opportunities to borrowers with existing Freddie Mac mortgage loans who are current in their mortgage payments but whose LTV ratios exceed the maximum permitted for standard refinance products under our Guide.

**“Enhanced Relief Refinance Program Criteria”** with respect to a Reference Obligation, means that such Reference Obligation: (i) was originated on or after October 1, 2017, (ii) was originated at least 15 months prior to the date it was paid in full, (iii) had no 30-day delinquency in the six-month period immediately preceding the date it was paid in full, and no more than one 30-day delinquency in the 12-month period immediately preceding the date it was paid in full, and (iv) is secured by a mortgaged property with a current estimated property value that is reasonably believed by Freddie Mac to result in eligibility under the Enhanced Relief Refinance Program. See *“Mortgage Loan Purchase and Servicing — Enhanced Relief Refinance Program”* in Appendix E for a description of the Enhanced Relief Refinance Program Criteria.

**“Enhanced Relief Refinance Program Release Date”** with respect to any Reference Obligation, means the date on which such Reference Obligation meeting the Enhanced Relief Refinance Program Criteria is removed from the Reference Pool, which is the earlier of (i) the date we are able to confirm whether the payment in full for such Reference Obligation was made in connection with the Enhanced Relief Refinance Program and (ii) the date that is 180 days following such payment in full.

**“Enhanced Relief Refinance Reference Obligation”** with respect to any original Reference Obligation, means the corresponding mortgage loan that is created after such original Reference Obligation is refinanced under the Enhanced Relief Refinance Program.

**“ERISA”** means the Employee Retirement Income Security Act of 1974, as amended.

**“ERISA Eligible Notes”** means the Class M-1A Notes and the Class M-1B Notes.

**“ERISA Plan”** means an employee benefit plan, or certain other retirement plans and arrangements, including IRAs and annuities, Keogh plans, and collective investment funds in which such plans, accounts, annuities or arrangements are invested, that are described in or must follow Title I of ERISA or Code Section 4975, or an entity that is deemed to hold the assets of any such plan.

**“EU”** means the European Union.

**“EU Due Diligence Requirements”** means the requirements applicable to EU Institutional Investors under Article 5 of the EU Securitization Regulation.

**“EU Institutional Investor”** means an institutional investor as defined in the EU Securitization Regulation.

**“EU Retention Requirement”** means the risk retention requirement under Article 6(1) of the EU Securitization Regulation or any replacement provision included in the EU Securitization Regulation from time to time.

**“EU Securitization Regulation”** means Regulation (EU) 2017/2401 amending Regulation (EU) No. 575/2013 and Regulation (EU) 2017/2402 relating to a European framework for simple, transparent and standardized securitization, as amended, varied or substituted from time to time, and including any implementing regulation, technical standards and official guidance related thereto, in each case as amended, varied or substituted from time to time.

**“EU Transparency Requirements”** means the disclosure requirements under Article 7 of the EU Securitization Regulation or any replacement provision included in the EU Securitization Regulation from time to time.

**“Euroclear”** means the Euroclear system.

**“Euroclear Operator”** means Euroclear Bank S.A./N.V.

**“EUWA”** means the European Union (Withdrawal) Act 2018, as amended.

**“Excess Expenses”** as of any date of determination, means any Expenses due and owing which are in excess of the applicable Expense Cap.

**“Exchange Act”** means the Securities Exchange Act of 1934, as amended.

**“Exchange Administrator”** means the exchange administrator pursuant to the Indenture. On the Closing Date, the Exchange Administrator will be Citibank.

**“Exchangeable Classes”** means the Classes of Exchangeable Notes.

**“Exchangeable Notes”** means the Classes of Original Notes that are modifiable and combinable with the MACR Notes and vice versa, *i.e.*, the Class M-2A Notes and Class M-2B Notes.

**“Expense Cap”** means the maximum Expenses that will be reimbursed in any consecutive 12-month period, as follows:

(a) with respect to the Indenture Trustee, Custodian, Investment Manager and Exchange Administrator, individually and collectively, the aggregate amount of \$100,000; provided that, in the event the Indenture Trustee and the Exchange Administrator are affiliates, then the portion of the Expense Cap applicable to the Indenture Trustee will be \$50,000 and the portion of the Expense Cap applicable to the Custodian, Exchange Administrator and Investment Manager, individually and collectively, will be \$50,000; provided, however, that if the Custodian, Exchange Administrator and Investment Manager are not affiliated, the portion of the Expense Cap applicable to the Custodian and Exchange Administrator, individually and collectively, will be \$25,000 and the portion of the Expense Cap applicable to the Investment Manager will be \$25,000; and

(b) with respect to the Owner Trustee, the aggregate amount of \$100,000;

provided, that, Expenses incurred by the Indenture Trustee or the Owner Trustee related to or resulting from an Indenture Event of Default will not be subject to the Expense Cap. For the avoidance of doubt, Excess Expenses will be reimbursed in the next subsequent month in which the Expense Cap is not exceeded in the immediately preceding 12-month period.

**“Expenses”** with respect to any Payment Date, means an amount equal to the sum of all related fees, charges, indemnity amounts, costs and other amounts payable or reimbursable to each of the Indenture Trustee, the Custodian, the Investment Manager, the Exchange Administrator and the Owner Trustee, but excluding the Fees.

**“Fannie Mae”** means the Federal National Mortgage Association.

**“FATCA”** means Code Sections 1471 through 1474 (or any amended or successor version) and any current or future Regulations or official interpretations thereof.

**“FATCA Regulations”** means the final Regulations promulgated to implement the FATCA provisions of the Hiring Incentives to Restore Employment Act.

**“FDIC”** means the Federal Deposit Insurance Corporation.

**“Federal Reserve”** means the Federal Reserve System.

**“Fees”** with respect to each Transaction Party, means the annual fees (whether payable annually, monthly or otherwise) payable to such party with respect to the execution of their respective duties under the Basic Documents as may be agreed to by such Transaction Party and the Sponsor.

**“FEMA”** means the Federal Emergency Management Agency.

**“FHA”** means the Federal Housing Administration.

**“FHFA”** means the Federal Housing Finance Agency.

**“FIEA”** means the Financial Instruments and Exchange Act of Japan (Act No. 25 of 1948, as amended).

**“Financial Intermediary”** means each brokerage firm, bank, thrift institution or other financial intermediary that maintains the account for each person who owns a beneficial ownership interest in the Notes issued in global form.

**“Fitch”** means Fitch Ratings, Inc.

**“Form 2055 Appraisal”** means an Exterior-Only Inspection Residential Appraisal Report authorized for use under the Guide to report the results of an exterior-only appraisal of a 1-unit property, including a unit in a PUD, a detached condominium unit or a 1-unit property with an accessory unit.

**“FRBNY”** means the Federal Reserve Bank of New York.

**“FRBNY’s Website”** means the website of the FRBNY, currently at <https://apps.newyorkfed.org/markets/autorates/sofr-avg-ind> or at such other page as may replace such page on the FRBNY’s website.

**“Freddie Mac Act”** means the Federal Home Loan Mortgage Corporation Act, as amended (12 U.S.C. §1451-1459).

**“Freddie Mac Default”** means an Indenture Event of Default resulting from any one or more of the following, subject to any applicable notice and cure provisions:

(a) any failure by us to pay an amount in excess of \$10,000 (in the aggregate) due and owing by us under the Administration Agreement, which failure continues unremedied for 30 days after the receipt of notice of such failure by us from the Indenture Trustee; or

(b) any failure by us to pay any amount due and owing by us under the Collateral Administration Agreement and/or the Capital Contribution Agreement, which failure continues unremedied for 30 days after the receipt of notice of such failure by us from the Indenture Trustee; or

(c) any failure by us to perform in any material way any other covenant or agreement in the Administration Agreement, the Collateral Administration Agreement and/or the Capital Contribution Agreement, which failure continues unremedied for 60 days after the receipt of notice of such failure by us from the Indenture Trustee; or

(d) a court having jurisdiction enters a decree or order for relief in respect of us in an involuntary case under any applicable bankruptcy, insolvency or other similar law now or hereafter in effect, or appoint a receiver, liquidator, assignee, custodian, or sequestrator (or other similar official) of Freddie Mac or for all or substantially all of our property, or order the winding up or liquidation of our affairs, and such decree or order remains unstayed and in effect for a period of 60 consecutive days; or

(e) we commence a voluntary case under any applicable bankruptcy, insolvency or other similar law now or hereafter in effect, or we consent to the entry of an order for relief in an involuntary case under any such law, or we consent to the appointment of or taking possession by a receiver, liquidator, assignee, trustee, custodian, or sequestrator (or other similar official) of us or any substantial part of our property, or we make any general assignment for the benefit of creditors, or we fail generally to pay our debts as they become due; provided, that the appointment of a conservator (or other similar official) by a regulator having jurisdiction over us, whether or not we consent to such appointment, will not constitute a Freddie Mac Default.

**“FSCMA”** means the Financial Investment Service and Capital Markets Act of Korea.

**“FSMA”** means the United Kingdom Financial Services and Markets Act 2000, as amended.

**“GAAP”** means generally accepted accounting principles.

**“Garn-St. Germain Act”** means the Garn-St. Germain Depository Institutions Act of 1982.

**“Grant”** means to grant, bargain, sell, warrant, alienate, remise, demise, release, convey, assign, transfer, mortgage, pledge, create and grant a security interest in and right of set-off against, deposit, set over and confirm. A Grant of any item of Collateral will include all rights, powers and options (but none of the obligations) of the granting party thereunder, including the immediate continuing right to claim for, collect, receive and receipt for principal, interest and fee payments in respect of such item of Collateral, and all other monies payable thereunder, to give and receive notices and other communications, to make waivers or other agreements, to exercise all rights and options, to bring Proceedings in the name of the granting party or otherwise, and generally to do and receive anything that the granting party is or may be entitled to do or receive thereunder or with respect thereto.

**“Grantor Trust”** means the portion of the Trust consisting of the Regular Interests and the NPCs.

**“GSE”** means a government-sponsored enterprise.

**“GSE Act”** means the Federal Housing Enterprises Financial Safety and Soundness Act of 1992, as amended by the Reform Act.

**“Guide”** means the Freddie Mac Single-Family Seller/Servicer Guide.

**“Hague Securities Convention”** means the Hague Convention on the Law Applicable to Certain Rights in Respect of Securities Held with an Intermediary.

**“HARP”** means the Home Affordable Refinance Program introduced by the FHFA and Treasury in 2009 as part of the Making Home Affordable program.

**“HOEPA”** means the Homeowners Equity Protection Act.

**“Holder”** means, in the case of (a) DTC Notes, DTC or its nominee; (b) Common Depositary Notes, the depository, or its nominee, in whose name the Notes are registered on behalf of a related clearing system; and (c) Notes in definitive registered form, the person or entity in whose name such Notes are registered in the Register.

**“HUD”** means the U.S. Department of Housing and Urban Development.

**“HVE”** means Home Value Explorer, a proprietary AVM of Freddie Mac.

**“Incorporated Documents”** means, collectively, the documents incorporated by reference in this Memorandum, including (1) our most recent Annual Report on Form 10-K filed with the SEC; (2) all other reports we have filed with the SEC pursuant to Section 13(a) of the Exchange Act since the end of the year covered by that Form 10-K



report, excluding any information we “furnish” to the SEC on Form 8-K; and (3) all documents that we file with the SEC pursuant to Section 13(a), 13(c) or 14 of the Exchange Act after the date of this Memorandum and prior to the termination of the offering of the Notes, excluding any information we “furnish” to the SEC on Form 8-K. The Incorporated Documents are available on the Investor Relations page of our website at [www.freddiemac.com/investors](http://www.freddiemac.com/investors) and the SEC’s website at [www.sec.gov](http://www.sec.gov).

**“Indenture”** means that certain Indenture, to be dated as of the Closing Date, among the Trust, as Issuer, Citibank, as Indenture Trustee and Exchange Administrator, and BNY Mellon, as Custodian.

**“Indenture Event of Default”** means the occurrence of an event of default under the Indenture as described in *“The Agreements — The Indenture — Indenture Events of Default”*.

**“Indenture Trustee”** means the indenture trustee pursuant to the Indenture. On the Closing Date, the Indenture Trustee will be Citibank.

**“Index Component”** with respect to any Payment Date, means an amount equal to the product of (i) the SOFR Rate for such Payment Date, (ii) the aggregate Class Principal Balance of the Notes immediately preceding such Payment Date and (iii) the Day Count Fraction.

**“Index Component Contribution”** with respect to any Payment Date, means an amount equal to the excess, if any, of the Index Component over the investment earnings on Eligible Investments.

**“Initial Cohort Pool”** means a pool of certain mortgage loans that we securitized between January 1, 2022 and January 31, 2022 and were acquired on or after January 1, 2022 and (i) are fully amortizing, fixed-rate, one- to four-unit, first lien mortgage loans, which have an original term of 241 to 360 months; (ii) have an original LTV ratio that is (x) greater than 80% and (y) less than or equal to 97%; and (iii) were not originated under our relief refinance programs, including HARP.

**“Initial Exchange Date”** means (i) with respect to any deemed exchange or combination of deemed exchanges that results in the related Holder not retaining any Interest Only MACR Notes in connection with such exchange or combination of exchanges, the Closing Date and (ii) with respect to any exchange or combination of exchanges that results in the related Holder retaining any Interest Only MACR Notes in connection with such exchange or combination of exchanges, the 15th day following the Closing Date (or if such 15th day is not a Business Day, the next Business Day).

**“Initial Purchaser”** means, individually and collectively, Nomura, BofA Securities, Cantor, Citigroup, Morgan Stanley, StoneX Financial, Academy Securities and Ramirez & Co., Inc.

**“Institutional Investors”** means, individually and collectively, EU Institutional Investors and UK Institutional Investors.

**“Interest Accrual Amount”** with respect to each outstanding Class of Notes (and, for purposes of calculating allocations of any Modification Gain Amounts or Modification Loss Amounts, the Class B-1H Reference Tranche and the Class B-2H Reference Tranche) during each Accrual Period, means an amount equal to:

- (i) the Class Coupon for such Class of Notes, the Class B-1H Reference Tranche or the Class B-2H Reference Tranche, as applicable, for such Accrual Period (calculated using the applicable Class Coupon formula described in Table 1, if applicable), multiplied by
- (ii) the Class Principal Balance, Notional Principal Amount or Class Notional Amount of such Class of Notes, the Class B-1H Reference Tranche or the Class B-2H Reference Tranche, as applicable, immediately prior to such Payment Date, multiplied by
- (iii) the Day Count Fraction.

**“Interest Only MACR Notes”** means the MACR Notes that receive interest payments but not principal payments, *i.e.*, the Class M-2AI Notes, Class M-2BI Notes and Class M-2I Notes; provided, that the Class M-2RB Notes, Class M-2SB Notes, Class M-2TB Notes and Class M-2UB Notes will also be Interest Only MACR Notes with respect to any Payment Date where the outstanding Class Principal Balance of the Class M-2B Notes is zero and the outstanding Notional Principal Amount of the Class M-2AI Notes is greater than zero.

**“Interest Payment Amount”** with respect to each outstanding Class of Notes and any Payment Date, means an amount equal to the Interest Accrual Amount for such Class of Notes on such Payment Date, less any Modification Loss Amount for such Payment Date allocated to reduce the Interest Payment Amount for such Class of Notes for such Payment Date pursuant to the Modification Loss Priority, or plus any Modification Gain Amount for such Payment Date allocated to increase the Interest Payment Amount of such Class of Notes for such Payment Date pursuant to the Modification Gain Priority.

**“Investment Company Act”** means the Investment Company Act of 1940, as amended.

**“Investment Guidelines”** means the investment objectives, policies, directions and restrictions set forth in the Investment Management Agreement.

**“Investment Liquidation Contribution”** with respect to any Payment Date, means an amount equal to the excess, if any, of (a) the book value of Eligible Investments liquidated with respect to such Payment Date over (b) the liquidation proceeds of such Eligible Investments.

**“Investment Management Agreement”** means the Investment Management Agreement dated as of the Closing Date among the Investment Manager, the Administrator, the Sponsor and the Trust, as the same may be amended, supplemented or modified from time to time.

**“Investment Manager”** means the investment manager pursuant to the Investment Management Agreement. On the Closing Date, the Investment Manager will be BlackRock.

**“IO Q-REMIC Interest”** means one or more interest only REMIC regular interests related to certain interest cash flows from the Reference Obligations and certain of the Uncovered Q-REMIC Mortgage Loans.

**“IO Yield”** with respect to any Payment Date, means the amount of the cash flow yield on the IO Q-REMIC Interest.

**“IRA”** means an individual retirement account.

**“IRS”** means the Internal Revenue Service.

**“ISDA Definitions”** means the 2006 ISDA Definitions published by the International Swaps and Derivatives Association, Inc. or any successor thereto, as amended or supplemented from time to time, or any successor definitional booklet for interest rate derivatives published from time to time.

**“ISDA Fallback Adjustment”** means the spread adjustment (which may be a positive or negative value or zero) that would apply for derivatives transactions referencing the ISDA Definitions to be determined upon the occurrence of an index cessation event with respect to the Benchmark.

**“ISDA Fallback Rate”** means the rate that would apply for derivatives transactions referencing the ISDA Definitions to be effective upon the occurrence of an index cessation date with respect to the Benchmark for the applicable tenor excluding the applicable ISDA Fallback Adjustment.

**“Issuer”** means the Trust.

**“Junior Reference Tranche”** means each of the Class B-1H, Class B-2H and Class B-3H Reference Tranches.

**“Letter of Representations”** means, collectively, the Blanket Issuer Letter of Representations dated July 5, 2017, the related 144A Rider dated May 4, 2023 and the related Regulation S Rider dated May 4, 2023, each from us to DTC.

**“Liquidation Proceeds”** with respect to any Credit Event Reference Obligation, means all cash amounts (including sales proceeds) received in connection with the liquidation of such Credit Event Reference Obligation.

**“Loan Advisor”** means our end-to-end technology platform that assesses credit, capacity and collateral to help sellers validate the quality of the loans they originate and which meet the eligibility requirements set forth in the Guide.

**“LP”** means Loan Prospector, a proprietary platform of Freddie Mac and predecessor to LPA.

**“LPA”** means Loan Product Advisor<sup>SM</sup>, a proprietary platform of Freddie Mac which is a successor to LP.

**“LTV”** means loan-to-value, which is a ratio, expressed as a percentage, obtained by dividing (a) the total principal balance of a mortgage loan by (b) the value of the mortgaged property, as defined in the Guide, at origination.

**“MACR Classes”** means the Classes of MACR Notes.

**“MACR Notes”** means interests in the Exchangeable Notes represented by the modifiable and combinable STACR Notes identified on Table 2 to the Memorandum, *i.e.*, the Class M-2, Class M-2R, Class M-2S, Class M-2T, Class M-2U, Class M-2I, Class M-2AR, Class M-2AS, Class M-2AT, Class M-2AU, Class M-2AI, Class M-2BR, Class M-2BS, Class M-2BT, Class M-2BU, Class M-2BI, Class M-2RB, Class M-2SB, Class M-2TB and Class M-2UB Notes.

**“MACR Pool”** means the arrangement under which MACR Classes are created.

**“Major Servicing Defect”** with respect to each Payment Date and any Reference Obligation for which we have determined the existence of an Unconfirmed Servicing Defect, means the occurrence of any of the following:

- (a) repurchase or make-whole payment by the related servicer resulting in a full recovery of losses incurred by us during the related Reporting Period;
- (b) the party responsible for the representations and warranties and/or servicing obligations or liabilities with respect to the Reference Obligation becomes subject to a bankruptcy, an insolvency proceeding or a receivership; or
- (c) inappropriate cancellation of the mortgage insurance policy, provided that the related servicer has not reinstated the related policy or otherwise assumed the obligations of the related mortgage insurance company.

Reference Obligations covered under servicing settlements will not result in Major Servicing Defects, excluding Reference Obligations for which (c) above applies.

**“Maturity Date”** means the earliest to occur of (i) the Scheduled Maturity Date, (ii) the Early Redemption Date and (iii) the Termination Date.

**“Memorandum”** means this Private Placement Memorandum.

**“MERS”** means Mortgage Electronic Registration Systems, Inc.

**“Mezzanine Reference Tranche”** means each of the Class M-1A, Class M-1AH, Class M-1B, Class M-1BH, Class M-2A, Class M-2AH, Class M-2B and Class M-2BH Reference Tranches.

**“Minimum Credit Enhancement Test”** with respect to any Payment Date, means a test that will be satisfied if the Subordinate Percentage is greater than or equal to 4.00%.

**“Minor Servicing Defect”** with respect to each Payment Date and any Reference Obligation for which we have determined the existence of an Unconfirmed Servicing Defect, means the occurrence of a remedy, other than by repurchase or make-whole payment, that is mutually agreed upon by both us and the related servicer that results in a recovery of the damages sustained by us on such Reference Obligation as a result of such Unconfirmed Servicing Defect.

**“Modeling Assumptions”** means the modeling assumptions set forth in “— *Assumptions Relating to Weighted Average Life Tables, Declining Balances Tables, Credit Event Sensitivity Tables, Cumulative Note Write-Down Amount Tables and Yield Tables*”.

**“Modification Event”** with respect to any Reference Obligation, means the occurrence of a principal forbearance, mortgage rate modification or Payment Deferral Event relating to such Reference Obligation, in each case as reported by the applicable servicer to us during the related Reporting Period; provided, however, that a Payment Deferral Event will be treated as a Modification Event only with respect to any Reporting Period during which the non-interest bearing forbore balance of the related Reference Obligation is reported as outstanding. For the avoidance of doubt, a refinancing of a Reference Obligation under the Enhanced Relief Refinance Program and, if permitted as described in the Memorandum, replacement thereof in the Reference Pool with the resulting Enhanced Relief Refinance Reference Obligation, will not constitute a Modification

Event; provided, however, an Enhanced Relief Refinance Reference Obligation that replaces a Reference Obligation in the Reference Pool and subsequently experiences a principal forbearance or mortgage rate modification relating to such Enhanced Relief Refinance Reference Obligation will constitute a Modification Event.

**“Modification Excess”** with respect to each Payment Date and any Reference Obligation that has experienced a Modification Event, means the excess, if any, of:

(a) one-twelfth of the Current Accrual Rate of such Reference Obligation multiplied by the interest bearing UPB of such Reference Obligation; over

(b) one-twelfth of the Original Accrual Rate of such Reference Obligation multiplied by the UPB of such Reference Obligation.

**“Modification Gain Amount”** with respect to each Payment Date, means the excess, if any, of the aggregate Modification Excess over the aggregate Modification Shortfall for such Payment Date.

**“Modification Gain Priority”** means the order of priority in which the Modification Gain Amount, if any, will be allocated on each Payment Date on or prior to the Maturity Date, as described in *“Description of the Notes — Hypothetical Structure and Calculations with Respect to the Reference Tranches — Allocation of Modification Gain Amount”*.

**“Modification Loss Amount”** with respect to each Payment Date, means the excess, if any, of the aggregate Modification Shortfall over the aggregate Modification Excess for such Payment Date.

**“Modification Loss Priority”** means the order of priority in which the Modification Loss Amount, if any, will be allocated on each Payment Date on or prior to the Maturity Date, as described in *“Description of the Notes — Hypothetical Structure and Calculations with Respect to the Reference Tranches — Allocation of Modification Loss Amount”*.

**“Modification Shortfall”** with respect to each Payment Date and any Reference Obligation that has experienced a Modification Event, means the excess, if any, of:

(a) one-twelfth of the Original Accrual Rate of such Reference Obligation multiplied by the UPB of such Reference Obligation; over

(b) one-twelfth of the Current Accrual Rate of such Reference Obligation multiplied by the interest bearing UPB of such Reference Obligation.

**“Monthly Available Sample”** means the limited number of mortgage loans that were randomly selected on a monthly basis for review in the normal course of our quality control process and without regard to Preliminary Eligibility Criteria, but that met the Preliminary Eligibility Criteria. The Third-Party Diligence Providers selected on a monthly basis for review the related Monthly Diligence Sample from the corresponding Monthly Available Sample. See *“The Reference Obligations — Third-Party Due Diligence Review — General”* in [Appendix A](#) for details of Monthly Available Sample data.

**“Monthly Compliance Review Sample”** means those mortgage loans selected from the Monthly Diligence Sample for the Compliance Review only. See *“The Reference Obligations — Third-Party Due Diligence Review — General”* in [Appendix A](#) for details of Monthly Compliance Review Sample data.

**“Monthly Credit Review Sample”** means those mortgage loans selected from the Monthly Diligence Sample for a credit only review. See *“The Reference Obligations — Third-Party Due Diligence Review — General”* in [Appendix A](#) for details of Monthly Credit Review Sample data.

**“Monthly Credit Review Sample ACE Mortgage Loans”** means those mortgage loans, which are a subset of the Monthly Credit Review Sample, for which ACE was used in the assessment of the value of related mortgaged properties to meet certain qualifications, as described in the Guide. See *“The Reference Obligations — Third-Party Due Diligence Review — Property Valuations”* in [Appendix A](#) for details of Monthly Credit Review Sample ACE Mortgage Loans data.

**“Monthly Credit Review Sample Non-ACE Mortgage Loans”** means those mortgage loans, which are a subset of the Monthly Credit Review Sample, for which ACE was not used in the assessment of the value of

related mortgaged properties to meet certain qualifications, as described in the Guide. See *“The Reference Obligations — Third-Party Due Diligence Review — Property Valuations”* in [Appendix A](#) for details of Monthly Credit Review Sample Non-ACE Mortgage Loans data.

**“Monthly Diligence Sample”** means those mortgage loans selected by the Third-Party Diligence Providers from the related Monthly Available Sample. See *“The Reference Obligations — Third-Party Due Diligence Review — General”* in [Appendix A](#) for details of Monthly Diligence Sample data.

**“Monthly Dual Review Sample”** means those mortgage loans selected from the Monthly Diligence Sample for both a compliance review and a credit review. See *“The Reference Obligations — Third-Party Due Diligence Review — General”* in [Appendix A](#) for details of Monthly Dual Review Sample data.

**“Monthly Dual Review Sample ACE Mortgage Loans”** means those mortgage loans which are a subset of the Monthly Dual Review Sample, for which ACE was used in the assessment of the value of related mortgaged properties to meet certain qualifications, as described in the Guide. See *“The Reference Obligations — Third-Party Due Diligence Review — Property Valuations”* in [Appendix A](#) for details of Monthly Dual Review Sample ACE Mortgage Loans data.

**“Monthly Dual Review Sample Non-ACE Mortgage Loans”** means those mortgage loans which are a subset of the Monthly Dual Review Sample, for which ACE was not used in the assessment of the value of related mortgaged properties to meet certain qualifications, as described in the Guide. See *“The Reference Obligations — Third-Party Due Diligence Review — Property Valuations”* in [Appendix A](#) for details of Monthly Dual Review Sample Non-ACE Mortgage Loans data.

**“Monthly Random Sample QC Compliance Review”** means the portion of the Monthly Random Sample QC Selection subject only to a review for compliance with certain laws, the violation of which may result in assignee liability, and for compliance with certain laws that restrict points and fees.

**“Monthly Random Sample QC Credit Review”** means the portion of the Monthly Random Sample QC Selection subject only to a credit review.

**“Monthly Random Sample QC Dual Credit and Compliance Review”** means the portion of the Monthly Random Sample QC Selection subject to a review for both credit and compliance.

**“Monthly Random Sample QC Selection”** means the selection of mortgage loans for quality control review from mortgage loans we acquired that met the Preliminary Eligibility Criteria and were securitized in PCs between December 1, 2021 and November 30, 2022. The mortgage loans in the Monthly Random Sample QC Selection were chosen for quality control review using a random selection process. See *“The Reference Obligations — Results of Freddie Mac Quality Control”* in [Appendix A](#) for details of Monthly Random Sample QC Selection data.

**“Monthly Targeted Sample QC Review”** means the portion of mortgage loans we acquired that met the Preliminary Eligibility Criteria that were chosen for quality control review using a targeted selection process.

**“Moody’s”** means Moody’s Investors Service, Inc.

**“Morgan Stanley”** means Morgan Stanley & Co. LLC.

**“Mortgage Insurance Credit Amount”** with respect to each Payment Date and any Credit Event Reference Obligation, means the amount that we report is payable under any effective mortgage insurance policy (or, if the related servicer has assumed the obligation of the related mortgage insurance company after an inappropriate cancellation of the related policy, the amount payable by such servicer) relating to such Credit Event Reference Obligation; provided, that such Mortgage Insurance Credit Amount will be limited to the amount that would be necessary to reduce to zero any Credit Event Net Gain and Credit Event Net Loss (in each case as calculated after taking into account any subsequent losses in the related Reporting Period on such Credit Event Reference Obligation as contemplated under clause (c) of the definition of Principal Loss Amount and any subsequent recoveries in the related Reporting Period on such Credit Event Reference Obligation as contemplated under clause (b) of the definition of Principal Recovery Amount) that would otherwise result for such Credit Event Reference Obligation on such Payment Date. If it is subsequently determined that the Mortgage Insurance Credit Amount with respect to any previous Payment Date should have been a different amount based upon additional



information we receive after such Payment Date, such difference will be treated as a subsequent loss in the related Reporting Period under clause (c) of the definition of Principal Loss Amount (if the amount should have been lower) or a subsequent recovery in the related Reporting Period under clause (b) of the definition of Principal Recovery Amount (if the amount should have been higher or if the Mortgage Insurance Credit Amount was limited pursuant to the proviso of the immediately preceding sentence and the amount we actually receive pursuant to the related mortgage insurance policy was greater than such limited amount, such difference will be treated as a subsequent recovery in the related Reporting Period, and allocated as described under “*Description of the Notes — Hypothetical Structure and Calculations with Respect to the Reference Tranches — Allocation of Tranche Write-up Amounts*”). Any Mortgage Insurance Credit Amount we report will be included as a component of Net Liquidation Proceeds irrespective of our receipt of such amounts from the related mortgage insurance company. The Mortgage Insurance Credit Amount will not be reduced or otherwise affected irrespective of (i) any insolvency of the related mortgage insurance company or (ii) any settlement or agreement between us and the related mortgage insurance company resulting in the reduction in a claim payment or the commutation or cancellation of coverage under the related mortgage insurance policy. For the avoidance of doubt, clause (ii) in the immediately preceding sentence excludes settlements or agreements related to the transfer of a mortgage note to a third party. The Mortgage Insurance Credit Amount with respect to any Reference Obligation shall be deemed to be zero in the event that the related mortgage note is transferred to a third party. In such event, any proceeds received from the related mortgage insurance company in connection with the commutation or cancellation of mortgage insurance for any related mortgage note with an effective mortgage insurance policy shall be included as a component of Liquidation Proceeds.

“**Net Liquidation Proceeds**” with respect to each Payment Date and any Credit Event Reference Obligation, means the sum of the related Liquidation Proceeds, any Mortgage Insurance Credit Amount (subject to the limitations set forth in the definition thereof) and any proceeds received from the related servicer in connection with a Minor Servicing Defect (except for those included in the Modification Excess for such Credit Event Reference Obligation), less related expenses, credits and reimbursement of advances; including but not limited to taxes and insurance, legal costs, maintenance and preservation costs; provided, however, to the extent that any such proceeds are received in connection with a Minor Servicing Defect resulting from a servicer’s mishandling of a mortgage insurance claim, such proceeds shall not be included in the Net Liquidation Proceeds.

“**NI 31-103**” means Canadian National Instrument 31-103 Registration Requirements, Exemptions and Ongoing Registrant Obligations.

“**NI 45-106**” means Canadian National Instrument 45-106 Prospectus Exemptions.

“**Nomura**” means Nomura Securities International, Inc.

“**Non-ERISA Eligible Notes**” means the Class M-2A Notes, the Class M-2B Notes and the MACR Notes.

“**Non-U.S. Beneficial Owner**” means a Beneficial Owner of a Note that is an individual, a corporation, an estate or a trust that is not a U.S. Person.

“**Note Owners**” means persons acquiring beneficial ownership interests in the Book-Entry Notes.

“**Note Purchase Agreement**” means the Note Purchase Agreement dated on or before the Closing Date among us, the Trust, Nomura and BofA Securities, under which Nomura is acting for itself and as representative of the Initial Purchasers, other than BofA Securities, as the same may be amended, supplemented or modified from time to time.

“**Note Register**” means a register of the Holders of Notes maintained by the Note Registrar pursuant to the Indenture.

“**Note Registrar**” means the note registrar pursuant to the Indenture. On the Closing Date, the Note Registrar will be Citibank.

“**Noteholder**” means a holder of a Note and is used interchangeably with Holder.

“**Notes**” means, individually and collectively, the Original Notes and the MACR Notes.

“**Notes Retirement Amount**” means, with respect to any Notes presented by us to the Trust for retirement of such Notes in accordance with the Indenture, an amount equal to the portion of unpaid Class Principal Balance

attributable to such Notes (without regard to any exchange of Exchangeable Notes for MACR Notes) as of the related retirement date; provided, that, if the related retirement date is also a Payment Date, the unpaid Class Principal Balance of such Notes will take into account the allocation on such Payment Date of all Tranche Write-down Amounts, Tranche Write-up Amounts, Modification Gain Amounts, Modification Loss Amounts, Senior Reduction Amounts, Subordinate Reduction Amounts, Supplemental Subordinate Reduction Amounts and Supplemental Senior Increase Amounts.

**“Notice of Exclusive Control”** means a written notice delivered by the Indenture Trustee to the Custodian that the Indenture Trustee will exercise exclusive control over the Custodian Account pursuant to the Account Control Agreement.

**“Notional Principal Amount”** means, individually and collectively, as of any Payment Date with respect to each Class of outstanding Interest Only MACR Notes, an amount equal to the outstanding Class Principal Balance (or, in the case of the Class M-2RB, Class M-2SB, Class M-2TB and Class M-2UB Notes, if being treated as Interest Only MACR Notes, the outstanding Notional Principal Amount) as of such Payment Date of the portion of the related Class of Exchangeable Notes (or related MACR Notes in the related Combinations listed in Table 2) that was exchanged for such Interest Only MACR Note.

**“NPC”** means notional principal contract.

**“NPC Premium”** means the portion of a Note’s issue price allocated to an NPC.

**“NRSROs”** means nationally recognized statistical rating organizations as defined in Section 3(a)(62) of the Exchange Act.

**“Offered Reference Tranche Percentage”** with respect to each Payment Date, means a fraction, expressed as a percentage, equal to the aggregate Class Notional Amount of the Class M-1A, Class M-1AH, Class M-1B, Class M-1BH, Class M-2A, Class M-2AH, Class M-2B and Class M-2BH Reference Tranches (after allocation of the Senior Reduction Amount, the Subordinate Reduction Amount and any Tranche Write-down Amounts and Tranche Write-up Amounts for such Payment Date) divided by the UPB of the Reference Obligations at the end of the related Reporting Period.

**“Official Body”** means any government or political subdivision or any agency, authority, bureau, central bank, commission, department or instrumentality of any such government or political subdivision, or any court, tribunal, grand jury or arbitrator, or any accounting board or authority (whether or not part of any government) that is responsible for establishing or interpreting accounting standards or principles, in each case whether foreign or domestic.

**“OID”** means original issue discount.

**“Optional Termination Event”** means the occurrence of any of the following:

1. The SEC makes a final determination that the Trust must register as an investment company under the Investment Company Act.
2. We reasonably determine, after consultation with external counsel (which will be a nationally recognized and reputable law firm), that we or another Transaction Party must register as a CPO under the Commodity Exchange Act and the regulations promulgated thereunder.
3. We reasonably determine that after the Closing Date, the adoption of any applicable law, regulatory guideline or interpretation or other statement of or regarding financial or regulatory accounting standards or principles, including with respect to capital adequacy, or any change therein, or any change in the interpretation or administration thereof by any Official Body, or any request or directive regarding the foregoing (in each case, whether or not having the force of law) of any Official Body, (a) materially adversely affects or would have the effect of materially adversely affecting the rate of return on the capital of us or any affiliate thereof, (b) materially increases the cost or reduces the benefit or would have the effect of materially increasing the cost or reducing the benefit to us or any such affiliate, in any case with respect to the Collateral Administration Agreement or (c) has or would have a materially adverse effect on the treatment of the Collateral Administration Agreement by us or any affiliate thereof for financial accounting purposes.

4. We reasonably determine that a financial accounting, tax, banking, insurance or regulatory (including regulatory accounting) requirement or event not contemplated by us on the Closing Date has occurred, which requirement or event could have a material adverse effect upon us.

5. We reasonably determine after consultation with a nationally recognized and reputable law firm, that any amendment, supplement or other modification of any Basic Document or any waiver of any provision thereof would materially and adversely affect our interests, but only if we have not provided our written consent to such amendment, supplement, modification or waiver.

6. The aggregate UPB of the Reference Obligations is less than or equal to 10% of the Cut-off Date Balance of the Reference Pool.

7. The Notes remain outstanding on or after the Payment Date in the calendar month prior to May 2028.

8. Any failure by the Trust to pay any amount due and owing to us under the Collateral Administration Agreement, which failure continues unremedied for 30 days after the receipt of notice of such failure by the Trust from us.

9. Any failure by the Trust to perform in any material way any other covenant or agreement in the Collateral Administration Agreement, which failure continues unremedied for 60 days after the receipt of notice of such failure by the Trust from us.

**“Original Accrual Rate”** with respect to each Payment Date and any Reference Obligation, means the lesser of (i) the related Accounting Net Yield as of the Cut-off Date or the Enhanced Relief Refinance Program Release Date, as applicable, and (ii) the related mortgage rate as of the Cut-off Date or the Enhanced Relief Refinance Program Release Date, as applicable, minus 0.35%.

**“Original Notes”** means the Classes of Notes issued on the Closing Date, *i.e.*, the Class M-1A, Class M-1B, Class M-2A and Class M-2B Notes.

**“Origination Rep and Warranty/Servicing Breach Settlement”** means any settlement (which settlement only relates to claims arising from breaches of origination/selling representations and warranties or breaches of servicing obligations) that we enter into after the Closing Date with a seller or servicer in lieu of requiring such seller or servicer to repurchase a specified pool of mortgage loans that include, among others, one or more Reference Obligations, as a result of breaches of origination/selling representations or warranties or as a result of breaches of servicing obligations whereby we have received the agreed-upon settlement proceeds from such seller or servicer. For the avoidance of doubt, any Origination Rep and Warranty/Servicing Breach Settlement will only relate to breaches of either (i) origination/selling representations and warranties or (ii) servicing obligations, but not both.

**“Origination Rep and Warranty/Servicing Breach Settlement Amount”** (I) with respect to the Payment Date in the month after the calendar month in which an Origination Rep and Warranty/Servicing Breach Settlement occurs, means the lesser of:

(a) the aggregate amount of Credit Event Net Losses of the Origination Rep and Warranty/Servicing Breach Settlement Reference Obligations for such Payment Date and all prior Payment Dates, less the aggregate amount of Credit Event Net Losses of the Origination Rep and Warranty/Servicing Breach Settlement Reference Obligations that were Reversed Credit Event Reference Obligations for such Payment Date and all prior Payment Dates; and

(b) the Origination Rep and Warranty/Servicing Breach Settlement Loan Allocation Amount (Cap);

and (II) with respect to each Payment Date thereafter, means the lesser of:

(a) the aggregate amount of Credit Event Net Losses of the Origination Rep and Warranty/Servicing Breach Settlement Reference Obligations for such Payment Date; and

(b) the maximum of:

(i) zero; and

(ii) the Origination Rep and Warranty/Servicing Breach Settlement Loan Allocation Amount (Cap), less the Origination Rep and Warranty/Servicing Breach Settlement Amount for all prior Payment Dates.

**“Origination Rep and Warranty/Servicing Breach Settlement Loan Allocation Amount (Cap)”** with respect to any Origination Rep and Warranty/Servicing Breach Settlement, means an amount equal to the greater of (A) zero or (B)(1) the sum of the Origination Rep and Warranty/Servicing Breach Settlement proceeds determined to be attributable to the Reference Obligations (such determination to be made by us at or about the time of the settlement) *minus* (2) the aggregate amount of unreimbursed Credit Event Net Losses on such Origination Rep and Warranty/Servicing Breach Settlement Reference Obligations that we identified as having Underwriting Defects or Major Servicing Defects, as applicable, through the related Origination Rep and Warranty/Servicing Breach Settlement date (exclusive of the related settlement proceeds).

**“Origination Rep and Warranty/Servicing Breach Settlement Reference Obligations”** means the Reference Obligations (including Credit Event Reference Obligations) that are covered by an Origination Rep and Warranty/Servicing Breach Settlement.

**“Overcollateralization Amount”** with respect to each Payment Date, means an amount equal to (a) the aggregate amount of Write-up Excesses for such Payment Date and all prior Payment Dates, *minus* (b) the aggregate amount of Write-up Excesses used to offset Tranche Write-down Amounts on all prior Payment Dates.

**“Owner Certificate”** means the certificate evidencing beneficial ownership of the Trust.

**“Owner Trustee”** means the owner trustee pursuant to the Trust Agreement. On the Closing Date, the Owner Trustee will be Wilmington Trust, National Association, not in its individual capacity but solely in its capacity as owner trustee of Freddie Mac STACR REMIC Trust 2023-HQA1.

**“Payment Date”** means the 25<sup>th</sup> day of each calendar month (or, if such date is not a Business Day, the following Business Day), commencing in June 2023.

**“Payment Date Statement”** means a statement prepared by the Indenture Trustee each month setting forth certain information relating to the Reference Pool, the Collateral Administration Agreement, the Capital Contribution Agreement, the Investment Management Agreement, the Account Control Agreement, the Notes, the Reference Tranches and the hypothetical structure described in this Memorandum.

**“Payment Deferral Event”** with respect to any Reference Obligation, occurs when the applicable servicer approves, pursuant to the Guide, the deferment of delinquent principal and interest, certain out-of-pocket escrow advances paid to third parties during the delinquency, and certain servicing advances paid to third parties during the delinquency and not retained by the applicable servicer to create a non-interest bearing forbore balance relating to such Reference Obligation with the intention of bringing the status of such Reference Obligation as current. For the avoidance of doubt, a Payment Deferral Event will be treated as a Modification Event only with respect to any Reporting Period during which the non-interest bearing forbore balance of the related Reference Obligation is reported as outstanding.

**“PC”** means a Freddie Mac participation certificate and/or a Freddie Mac mortgage-backed security that was issued pursuant to the Freddie Mac UMBS and MBS Master Trust Agreement in effect as of the date of such issuance, as amended from time to time.

**“Plan”** means an ERISA Plan or a governmental plan, church plan or foreign plan that is subject to foreign law or United States federal, state or local law similar to that of Title I of ERISA or Code Section 4975.

**“Plan Asset Regulation”** means the regulations at 29 CFR § 2510.3-101, as modified by Section 3(42) of ERISA promulgated by the U.S. Department of Labor.

**“Plan Fiduciary”** means a fiduciary of a Plan.

**“Preliminary Class Notional Amount”** with respect to each Reference Tranche and any Payment Date, means an amount equal to the Class Notional Amount of such Reference Tranche immediately prior to such Payment

Date, after the application of the Preliminary Tranche Write-down Amount in accordance with the same priorities set forth in “*Description of the Notes — Hypothetical Structure and Calculations with Respect to the Reference Tranches — Allocation of Tranche Write-down Amounts*”, and after the application of the Preliminary Tranche Write-up Amount in accordance with the same priorities set forth in “*— Allocation of Tranche Write-up Amounts*”. The Preliminary Class Notional Amount for each Payment Date will be computed prior to the allocation of the Modification Loss Amount and the Modification Gain Amount pursuant to the Modification Loss Priority and Modification Gain Priority, respectively, for such Payment Date.

**“Preliminary Eligibility Criteria”** means the preliminary eligibility criteria to be satisfied with respect to each mortgage loan we acquired, which criteria are as follows:

- (a) is a fully amortizing, fixed-rate, one- to four-unit, first lien mortgage loan, which has an original term of 241 to 360 months;
- (b) we securitized between December 1, 2021 and November 30, 2022 and that was originated on or after January 1, 2015;
- (c) is held in our PCs with respect to which a REMIC election has been made;
- (d) was originated with documentation as described under “*General Mortgage Loan Purchase and Servicing — Underwriting Standards — Documentation*” in Appendix E;
- (e) does not have an original LTV ratio that (i) is less than or equal to 60% or (ii) exceeds 97%;
- (f) has an original CLTV ratio that is less than or equal to 97%;
- (g) was not associated with a mortgage revenue bond purchased by us;
- (h) had an original principal balance greater than or equal to \$5,000; and
- (i) was not originated under a government program (e.g., FHA, VA or Guaranteed Rural Housing loans).

**“Preliminary Principal Loss Amount”** means an amount equal to the Principal Loss Amount computed without giving effect to *clause (d)* of the definition of “Principal Loss Amount”. The Preliminary Principal Loss Amount for each Payment Date will be computed prior to the allocation of the Modification Loss Amount and the Modification Gain Amount pursuant to the Modification Loss Priority and Modification Gain Priority, respectively, for such Payment Date.

**“Preliminary Tranche Write-down Amount”** means an amount equal to the Tranche Write-down Amount computed using the Preliminary Principal Loss Amount instead of the Principal Loss Amount. The Preliminary Tranche Write-down Amount for each Payment Date will be computed prior to the allocation of the Modification Loss Amount and the Modification Gain Amount pursuant to the Modification Loss Priority and Modification Gain Priority, respectively, for such Payment Date.

**“Preliminary Tranche Write-up Amount”** means an amount equal to the Tranche Write-up Amount computed using the Preliminary Principal Loss Amount instead of the Principal Loss Amount. The Preliminary Tranche Write-up Amount for each Payment Date will be computed prior to the allocation of the Modification Loss Amount and the Modification Gain Amount pursuant to the Modification Loss Priority and Modification Gain Priority, respectively, for such Payment Date.

**“Pricing Speed”** means the assumed rate of prepayment of the related Subordinate Q-REMIC Interest used in pricing the Regular Interests.

**“Principal Balance Notes”** means the Notes other than the Interest Only MACR Notes.

**“Principal Loss Amount”** with respect to each Payment Date, means the sum of:

- (a) the aggregate amount of Credit Event Net Losses for all Credit Event Reference Obligations for the related Reporting Period;
- (b) the aggregate amount of court-approved principal reductions (“cramdowns”) on all Reference Obligations in the related Reporting Period;



(c) subsequent losses in the related Reporting Period on any Reference Obligation that became a Credit Event Reference Obligation on a prior Payment Date;

(d) amounts included in the *first, third, fifth, eighth, ninth, eleventh* or *thirteenth* priorities set forth in “— *Allocation of Modification Loss Amount*”; and

(e) the aggregate amount of Credit Event Net Gains for all Reversed Credit Event Reference Obligations for the related Reporting Period.

**“Principal Recovery Amount”** with respect to each Payment Date, means the sum of:

(a) the aggregate amount of Credit Event Net Losses for all Reversed Credit Event Reference Obligations for the related Reporting Period;

(b) subsequent recoveries in the related Reporting Period on any Reference Obligation that became a Credit Event Reference Obligation on a prior Payment Date;

(c) the aggregate amount of the Credit Event Net Gains of all Credit Event Reference Obligations for the related Reporting Period;

(d) the Origination Rep and Warranty/Servicing Breach Settlement Amount for such Payment Date; and

(e) solely with respect to the Payment Date that is the Termination Date, the Projected Recovery Amount.

**“Proceeding”** means any suit in equity, action at law or other judicial or administrative proceeding.

**“Prohibited Transactions”** means transactions involving the assets of a Plan and certain persons having certain relationships to such Plans that are prohibited by Section 406 of ERISA and Code Section 4975.

**“Projected Recovery Amount”** means the fair value of the estimated amount of future subsequent recoveries on the Termination Date, as determined by the Sponsor, at its sole discretion, on the Credit Event Reference Obligations.

**“PUD”** means any residential property consisting of one- to four-family dwelling units, townhouses, individual condominium units and individual units in planned unit developments.

**“Purchase Agreement”** means the Senior Preferred Stock Purchase Agreement dated September 7, 2008 that we, through FHFA as our Conservator, entered into with Treasury on September 7, 2008, as subsequently amended and restated on September 26, 2008 and further amended on May 6, 2009, December 24, 2009, August 17, 2012, December 21, 2017, September 27, 2019, January 14, 2021, and September 14, 2021.

**“Purchase Documents”** means (i) the Guide; (ii) “Purchase Contracts” with respect to each seller, which include the related master agreements, master commitments, pricing identifier terms and purchase contract confirmations and are agreements between each seller and us relating to the purchase of the related mortgage loans; (iii) any other document designated to be a Purchase Document by us; (iv) the “Servicer Success Scorecard”; (v) “Guide Plus Additional Provisions” as amended from time to time; and (vi) any other additional terms applicable to the sale and/or servicing of mortgage loans, such as written waivers, amendments or supplements to the Guide that are made available to such seller or servicer by us including through electronic means or other sources designated by us for distribution of the Guide and such waivers, amendments and supplements thereto.

**“Q-REMIC”** means one or more arrangements created pursuant to that certain Quarterly REMIC Master Trust Agreement dated as of October 1, 2018 and as supplemented by any applicable terms supplements as may be identified in the Indenture for which a REMIC election was made.

**“QIB”** means a qualified institutional buyer as defined in Rule 144A under the Securities Act.

**“Quality Control Cut-off Date”** means the close of business on April 4, 2023.

**“Ramirez & Co., Inc.”** means Samuel A. Ramirez & Company, Inc.

**“Rated Notes”** means the Notes identified in Table 1 as having expected ratings by either Rating Agency or both Rating Agencies.

**“Rating Agency”** means each of DBRS and Moody’s.

**“Record Date”** with respect to each Payment Date, means:

(1) with respect to Book-Entry Notes, the close of business on the Business Day immediately preceding such Payment Date; and

(2) with respect to Definitive Notes, the close of business on the last Business Day of the calendar month preceding such Payment Date.

**“Recovery Principal”** with respect to any Payment Date, means the sum of:

(a) the excess, if any, of the Credit Event Amount for such Payment Date, over the Tranche Write-down Amount for such Payment Date; and

(b) the Tranche Write-up Amount for such Payment Date.

**“Reference Obligations”** means certain residential first lien mortgage loans, deeds of trust or similar security instruments encumbering mortgaged properties that meet the Eligibility Criteria and we securitized between January 1, 2022 and January 31, 2022 and were acquired on or after January 1, 2022. For the avoidance of doubt, the definition of Reference Obligations includes any Enhanced Relief Refinance Reference Obligations that meet the Enhanced Relief Refinance Program Criteria and that replace the corresponding Reference Obligations that were refinanced under the Enhanced Relief Refinance Program to the extent permitted as described in this Memorandum, where applicable.

**“Reference Pool”** means the pool of Reference Obligations as more fully described in Appendix A.

**“Reference Pool Removal”** means the removal of a Reference Obligation from the Reference Pool after the issuance of the Notes because (i) the Reference Obligation becomes a Credit Event Reference Obligation; (ii) the Reference Obligation is paid in full (except as provided below with regard to a refinancing under the Enhanced Relief Refinance Program); (iii) of the identification and final determination, through our quality control process, of an Underwriting Defect or a Major Servicing Defect relating to such Reference Obligation; (iv) of the discovery of a violation of the Eligibility Criteria for such Reference Obligation; (v) the Reference Obligation is seized pursuant to any special eminent domain Proceeding brought by any federal, state or local government instrumentality with the intent to provide relief to financially-distressed mortgagors with negative equity in the underlying mortgage loan; or (vi) (a) the related mortgaged property is in an area impacted by a hurricane that makes landfall in the United States prior to the Closing Date, (b) the related mortgaged property is located in a presidentially-declared major disaster area as a result of such hurricane, (c) the related mortgaged property is located in an area for which FEMA authorizes individual assistance to homeowners as a result of such hurricane, (d) such Reference Obligation becomes delinquent and (e) at any time through the last day of the sixth full calendar month immediately following the first date that such hurricane makes landfall in the United States (i.e., excluding the month in which such landfall occurs), the related servicer reports that such Reference Obligation is in disaster forbearance as a result of such hurricane. A Reference Obligation will not be removed from the Reference Pool if it undergoes a temporary or permanent modification and it does not meet any other criteria in the prior sentence to be removed. Each Reference Obligation required to be removed from the Reference Pool will be so removed:

(a) in the case of any Reference Obligation required to be removed pursuant to clause (i) or (ii) above, as of the Payment Date related to the Reporting Period during which (i) or (ii) above occurred with respect to such Reference Obligation, after giving effect to the payment of all Return Amounts required to be paid on such Payment Date; or

(b) in the case of any Reference Obligation required to be removed pursuant to clause (iii), (iv), (v) or (vi) above, as of the date in the related Reporting Period on which (iii), (iv), (v) or (vi) occurred with respect to such Reference Obligation.

No Reference Obligation will be removed from the Reference Pool after the Closing Date solely as a result of the determination of a Minor Servicing Defect, Unconfirmed Servicing Defect or Unconfirmed Underwriting Defect and any such Reference Obligation will remain eligible to become subject to an Underwriting Defect or a Major Servicing Defect. Subject to the satisfaction of the conditions described in this definition, if a Reference

Obligation is refinanced under the Enhanced Relief Refinance Program and meets the Enhanced Relief Refinance Program Criteria, such Reference Obligation will not be removed from the Reference Pool until the Enhanced Relief Refinance Program Release Date.

On the Enhanced Relief Refinance Program Release Date with respect to each original Reference Obligation that was paid in full, the following will apply:

(a) if we confirm that the payment in full was made in connection with the Enhanced Relief Refinance Program, such original Reference Obligation will be removed from the Reference Pool and the resulting Enhanced Relief Refinance Reference Obligation will replace such original Reference Obligation in the Reference Pool (which removal and replacement will not constitute a Reference Pool Removal);

(b) if we confirm that the payment in full was not made in connection with the Enhanced Relief Refinance Program, such original Reference Obligation will be removed from the Reference Pool (which removal will constitute a Reference Pool Removal); and

(c) if neither such confirmation can be made in (a) or (b) above, such original Reference Obligation will be removed from the Reference Pool (which removal will constitute a Reference Pool Removal).

Enhanced Relief Refinance Reference Obligations will not become part of the Reference Pool unless the IRS provides favorable guidance permitting Enhanced Relief Refinance Reference Obligations to be covered within the underlying Q-REMIC.

**“Reference Time”** with respect to any determination of the Benchmark means (1) if the Benchmark is SOFR, the SOFR Determination Time, and (2) if the Benchmark is not SOFR, the time determined by Freddie Mac after giving effect to the Benchmark Replacement Conforming Changes.

**“Reference Tranche”** means each Class of reference tranche deemed to be backed by the Reference Pool and comprising part of the hypothetical structure as described in *“Description of the Notes — Hypothetical Structure and Calculations with respect to the Reference Tranches”*, i.e., the Class A-H, Class M-1A, Class M-1AH, Class M-1B, Class M-1BH, Class M-2A, Class M-2AH, Class M-2B, Class M-2BH, Class B-1H, Class B-2H and Class B-3H Reference Tranches.

**“Refi Possible<sup>SM</sup>”** means Freddie Mac Refi Possible<sup>SM</sup>, a no cash-out refinance offering for low-income borrowers originated in accordance with the Guide.

**“Reform Act”** means the Federal Housing Finance Regulatory Reform Act of 2008, as amended.

**“Regular Interests”** means the uncertificated REMIC regular interests corresponding to the Class M-1A, Class M-1B, Class M-2A and Class M-2B Notes and the X-IO Interest.

**“Regulation AB”** means Regulation AB under the Securities Act.

**“Regulation S”** means Regulation S under the Securities Act.

**“Regulation X”** means Regulation X promulgated under RESPA.

**“Regulation Z”** means Regulation Z promulgated under TILA.

**“Regulations”** means U.S. Treasury regulations.

**“REIT”** means real estate investment trust.

**“Relevant Governmental Body”** means the Federal Reserve Board and/or the FRBNY, or a committee officially endorsed or convened by the Federal Reserve Board and/or the FRBNY or any successor thereto.

**“Relief Act”** means the Servicemembers Civil Relief Act, as amended.

**“REMIC”** means real estate mortgage investment conduit.

**“REMIC Provisions”** means the provisions of the federal income tax law relating to real estate mortgage investment conduits, which appear at Code Sections 860A through 860G, related provisions, and Regulations, including proposed Regulations and rulings, and administrative pronouncements promulgated thereunder, as the foregoing may be in effect from time to time.

**“REO”** means real estate owned property.

**“Reporting Period”** means:

(a) with respect to the Payment Date in June 2023 and for purposes of making calculations with respect to the hypothetical structure and the Reference Tranches related to such Payment Date:

(1) in the case of all principal collections, other than full prepayments, on the Reference Obligations, and for determining loan modifications the period from and including April 1, 2023 through and including May 31, 2023;

(2) in the case of full principal prepayments on the Reference Obligations, and for determining Underwriting Defects or Major Servicing Defects, and in the case of determining Credit Events resulting from short sales being settled, from charge-offs, from a seriously delinquent mortgage note being sold prior to foreclosure, from the mortgaged property that secured the related mortgage note being sold to a third party at a foreclosure sale, or from an REO disposition, the period from and including April 5, 2023 through and including June 2, 2023; and

(3) in the case of determining delinquency status with respect to each Reference Obligation, May 31, 2023; and

(b) with respect to each Payment Date commencing with the Payment Date in July 2023 and thereafter, and for purposes of making calculations with respect to the hypothetical structure and the Reference Tranches related to any such Payment Date:

(1) in the case of all principal collections, other than full prepayments, on the Reference Obligations, and for determining loan modifications, the period from and including the first day of the calendar month immediately preceding the month in which such Payment Date occurs through and including the last day of the calendar month immediately preceding the month in which such Payment Date occurs;

(2) in the case of full principal prepayments on the Reference Obligations, and for determining Underwriting Defects or Major Servicing Defects, and in the case of determining Credit Events resulting from short sales being settled, from charge-offs, from a seriously delinquent mortgage note being sold prior to foreclosure, from the mortgaged property that secured the related mortgage note being sold to a third party at a foreclosure sale, or from an REO disposition, the period from but excluding the second Business Day of the calendar month immediately preceding the month in which such Payment Date occurs through and including the second Business Day of the calendar month in which such Payment Date occurs; and

(3) in the case of determining delinquency status with respect to each Reference Obligation, the last day of the calendar month immediately preceding the month in which such Payment Date occurs; and

(c) such other period as we may specify from time to time to conform to any updates to our operational processes or timelines for mortgage loans serviced in accordance with the Guide, provided that notice of such revision is included in a Payment Date Statement made available to the Noteholders at least two calendar months prior to the first Payment Date affected by such revision.

**“Residual Certificateholder”** means the holder of any Residual Certificate.

**“Residual Certificates”** represents ownership of the sole class of “residual interests” in one or more REMICs.

**“RESPA”** means the Real Estate Settlement and Procedures Act, as amended.

**“Retained Interest”** means a material net economic interest in the Transaction as provided in Article 6(3)(a) of the Securitization Regulations (retention of not less than 5% of the nominal value of each of the tranches sold or transferred to investors) in the form of (x) the credit risk on the Class M-1AH Reference Tranche, the Class M-1BH Reference Tranche, the Class M-2AH Reference Tranche and the Class M-2BH Reference Tranche, in each case, in an amount such that it will be not less than 5% of the credit risk on each of: (a) the Class M-1A and Class M-1AH Reference Tranches (in the aggregate), (b) the Class M-1B and Class M-1BH

Reference Tranches (in the aggregate), (c) the Class M-2A and Class M-2AH Reference Tranches (in the aggregate) and (d) the Class M-2B and Class M-2BH Reference Tranches (in the aggregate), respectively, and (y) the credit risk on not less than 5% of each of the Class A-H Reference Tranche, the Class B-1H Reference Tranche, the Class B-2H Reference Tranche and the Class B-3H Reference Tranche and, in the case of any tranching of the Class A-H Reference Tranche, the Class B-1H Reference Tranche, the Class B-2H Reference Tranche or the Class B-3H Reference Tranche, on not less than 5% of each tranche into which the Class A-H Reference Tranche, the Class B-1H Reference Tranche, the Class B-2H Reference Tranche or the Class B-3H Reference Tranche, as applicable, is tranced

**“Retention Requirements”** means the EU Retention Requirement and the UK Retention Requirement.

**“Return Amount”** with respect to any Payment Date, means the aggregate Tranche Write-down Amounts, if any, allocated to reduce the Class Principal Balance of each applicable outstanding Class of Notes on such Payment Date (without regard to any exchanges of Exchangeable Notes for MACR Notes).

**“Return Reimbursement Amount”** with respect to any Payment Date, means the aggregate Tranche Write-up Amounts, if any, allocated to increase the Class Principal Balance of each applicable outstanding Class of Notes on such Payment Date (without regard to any exchanges of Exchangeable Notes for MACR Notes).

**“Reversed Credit Event Reference Obligation”** with respect to each Payment Date, means a Reference Obligation formerly in the Reference Pool that became a Credit Event Reference Obligation in a prior Reporting Period that is found in the related Reporting Period to have an Underwriting Defect or a Major Servicing Defect or a data correction that invalidates the previously determined Credit Event.

**“RIC”** means regulated investment company.

**“RICO”** means 18 U.S.C §§ 1961 – 1968, known as the Racketeer Influenced and Corrupt Organizations statute.

**“RM”** means interest rate modification.

**“Rule 17g-5”** means Rule 17g-5 of the Exchange Act.

**“Rules”** means the rules, regulations and procedures creating and affecting DTC and its operations.

**“S&P”** means Standard & Poor’s Ratings Services, a Standard & Poor’s Financial Services LLC business.

**“Scheduled Maturity Date”** means the Payment Date in May 2043.

**“Scheduled Termination Date”** means the Payment Date in May 2043.

**“SCR”** means servicing contract right, i.e., the contractual right to service a mortgage loan.

**“SEC”** means the U.S. Securities and Exchange Commission.

**“Section 1272(a)(6) Inclusion”** means the gross income inclusion under Code Section 1272(a)(6) for an accrual period.

**“Secured Collateral”** means, individually and collectively, all of the Trust’s right, title and interest in, to and under, whether now owned or existing, or hereafter acquired or arising, (a) the Distribution Account, (b) the IO Q-REMIC Interest, (c) the Custodian Account, (d) all Eligible Investments (including, without limitation, any interest of the Trust in the Custodian Account and any amounts from time to time on deposit therein) purchased with funds on deposit in the Custodian Account and all income from the investment of funds therein, (e) the Account Control Agreement, (f) the Investment Management Agreement, (g) all accounts, general intangibles, chattel paper, instruments, documents, goods, money, investment property, deposit accounts, letters of credit and letter-of-credit rights, consisting of, arising from, or relating to, any of the foregoing, and (h) all proceeds, accessions, profits, income, benefits, substitutions and replacements, whether voluntary or involuntary, of and to any of the property of the Trust described in the preceding clauses.

**“Secured Party”** means each of us and the Indenture Trustee on behalf of the Holders.

**“Securities Act”** means the Securities Act of 1933, as amended.

**“Securitization Regulation Agreement”** means our letter agreement, dated the Closing Date, for the benefit of each Institutional Investor.



**“Securitization Regulations”** means the EU Securitization Regulation and the UK Securitization Regulation.

**“Senior Percentage”** with respect to any Payment Date, means the percentage equivalent of a fraction, the numerator of which is the Class Notional Amount of the Class A-H Reference Tranche immediately prior to such Payment Date and the denominator of which is the aggregate UPB of the Reference Obligations in the Reference Pool at the end of the previous Reporting Period.

**“Senior Reduction Amount”** with respect to any Payment Date, means:

(A) if any of the Minimum Credit Enhancement Test, the Cumulative Net Loss Test or the Delinquency Test is not satisfied, the sum of:

- (i) 100% of Stated Principal for such Payment Date; and
- (ii) 100% of Recovery Principal for such Payment Date; or

(B) if the Minimum Credit Enhancement Test, the Cumulative Net Loss Test and the Delinquency Test are satisfied, the sum of:

- (i) the Senior Percentage of Stated Principal for such Payment Date; and
- (ii) 100% of Recovery Principal for such Payment Date.

**“Senior Reference Tranche”** means the Class A-H Reference Tranche.

**“Servicing Remedy Management”** means a group under our servicing quality assurance department, that provides clarity on the process for categorizing loan-level servicing defects based on servicing violations, assists servicers with the corrections of such defects and issues loan-level remedies for servicing violations.

**“Settlement Date”** with respect to any Reference Obligation, means the date we purchased such Reference Obligation.

**“SFA”** means the Securities and Futures Act, Chapter 289 of Singapore.

**“Similar Law”** means any foreign, United States federal, state or local law which is similar to ERISA or Code Section 4975.

**“Single Family Loan-Level Dataset”** means loan-level credit performance data on a portion of fully amortizing, fixed-rate, single-family mortgage loans, that we purchased or included in securities that we guaranteed between January 1, 1999 and September 30, 2022 that is available online at <https://www.freddiemac.com/research/datasets/sf-loanlevel-dataset>.

**“SMMEA”** means the Secondary Mortgage Market Enhancement Act of 1984, as amended.

**“SOFR”** means, with respect to any day, the secured overnight financing rate published for such day by the FRBNY (or a successor administrator), as the administrator of the benchmark, on the FRBNY’s Website (or such successor administrator’s website).

**“SOFR Adjustment Conforming Changes”** means, with respect to any SOFR Rate, any technical, administrative or operational changes (including changes to the Accrual Period, timing and frequency of determining rates and making payments of interest, rounding of amounts or tenors, and other administrative matters) that Freddie Mac decides, from time to time, may be appropriate to adjust such SOFR Rate in a manner substantially consistent with or conforming to market practice (or, if Freddie Mac decides that adoption of any portion of such market practice is not administratively feasible or if Freddie Mac determines that no market practice exists, in such other manner as Freddie Mac determines is reasonably necessary).

**“SOFR Adjustment Date”** means the second U.S. Government Securities Business Day before each Accrual Period begins.

**“SOFR Determination Time”** means 3:00 p.m. (New York time).

**“SOFR Notes”** means the Notes with Class Coupons based on SOFR.

**“SOFR Rate”** means 30-Day Average SOFR as published on the applicable U.S. Government Securities Business Day at the SOFR Determination Time; provided, however, if 30-Day Average SOFR does not so appear, 30-Day Average SOFR as published in respect of the first preceding U.S. Government Securities Business Day for which such rate appeared on the FRBNY’s Website; and provided further, however, if a Benchmark Transition Event and its related Benchmark Replacement Date have occurred, the Administrator will determine an alternative Benchmark in accordance with the Benchmark Replacement provisions described under *“Description of the Notes — Benchmark Replacement Provisions”*, and references to SOFR Rate in this Memorandum will be deemed to reference such Benchmark Replacement.

**“Sponsor”** means Freddie Mac.

**“SSPE”** means a securitization special purpose entity.

**“Standard Modification”** means our standard modification program.

**“Stated Principal”** with respect to any Payment Date, means the sum of:

(a) all monthly scheduled payments of principal due (whether with respect to the related Reporting Period or any prior Reporting Period) on the Reference Obligations in the Reference Pool and collected during the related Reporting Period, plus

(b) all partial principal prepayments on the Reference Obligations collected during the related Reporting Period, plus

(c) the aggregate UPB of all Reference Obligations that became Reference Pool Removals during the related Reporting Period, other than Credit Event Reference Obligations or any Reversed Credit Event Reference Obligations, plus

(d) negative adjustments in the UPB of all Reference Obligations as the result of loan modifications or data corrections, plus

(e) (1) subject to the satisfaction of certain conditions described in the definition of “Reference Pool Removal” in this *“Glossary of Significant Terms”* permitting the replacement of original Reference Obligations with Enhanced Relief Refinance Reference Obligations, the excess, if any, of (x) the aggregate UPB of any original Reference Obligations refinanced under the Enhanced Relief Refinance Program and replaced in the Reference Pool by the corresponding Enhanced Relief Refinance Reference Obligations during the related Reporting Period, over (y) the aggregate original UPB of the corresponding Enhanced Relief Refinance Reference Obligations, or (2) prior to the satisfaction of such conditions, zero, minus

(f) (1) subject to the satisfaction of certain conditions described in the definition of “Reference Pool Removal” in this *“Glossary of Significant Terms”* permitting the replacement of original Reference Obligations with Enhanced Relief Refinance Reference Obligations, the excess, if any, of (x) the aggregate UPB of any Enhanced Relief Refinance Reference Obligations, over (y) the aggregate UPB of the related original Reference Obligations refinanced under the Enhanced Relief Refinance Program and replaced in the Reference Pool by the corresponding Enhanced Relief Refinance Reference Obligations during the related Reporting Period, or (2) prior to the satisfaction of such conditions, zero, minus

(g) positive adjustments in the aggregate UPB of all Reference Obligations as the result of loan modifications, reinstatements into the Reference Pool of Reference Obligations that were previously removed from the Reference Pool in error, or data corrections.

In the event the sum of the amounts in clauses (f) and (g) above exceeds the sum of the amounts in clauses (a) through (e) above, the sum of the amounts in clauses (a) through (g) above for the applicable Payment Date will be deemed to be zero, and the Class Notional Amount for the Class A-H Reference Tranche will be increased by the amount that the sum of the amounts in clauses (f) and (g) above exceeds the sum of the amounts in clauses (a) through (e) above. In the event that we were ever to employ a policy that permitted or required principal forgiveness as a loss mitigation alternative that would be applicable to the Reference Obligations, any principal that may be forgiven with respect to a Reference Obligation will be treated as a negative adjustment in the UPB of such Reference Obligation pursuant to clause (d) above.

**“StoneX Financial”** means StoneX Financial Inc.

**“Streamlined Accept Documentation”** means our streamlined accept procedures for mortgage loans.

**“Streamlined Modification”** means our streamlined modification program for mortgage loans that are 90 or more days delinquent.

**“Strip”** means a MACR Note that represents beneficial ownership of a disproportionate part of the principal or interest payments on an Exchangeable Note.

**“Subordinate Percentage”** with respect to any Payment Date, means the percentage equal to 100% minus the Senior Percentage for such Payment Date.

**“Subordinate Q-REMIC Interest”** means one or more subordinate REMIC regular interests issued from the Q-REMIC.

**“Subordinate Reduction Amount”** with respect to any Payment Date, means the sum of the Stated Principal and Recovery Principal for such Payment Date, less the Senior Reduction Amount.

**“Supplemental Senior Increase Amount”** with respect to each Payment Date, means an amount equal to the Supplemental Subordinate Reduction Amount for such Payment Date.

**“Supplemental Subordinate Reduction Amount”** with respect to each Payment Date, means the UPB of the Reference Obligations at the end of the related Reporting Period multiplied by the excess, if any, of (i) the Offered Reference Tranche Percentage for such Payment Date over (ii) 5.50%.

**“Tax Opinion”** means an opinion, subject to customary assumptions, qualifications and exclusions, of nationally recognized U.S. federal income tax counsel to the effect that (1) an Adverse REMIC Event will not occur as a result of the amendment or change that is the subject of such opinion and (2) such amendment or change will not result in Holders recognizing income, gain or loss for U.S. federal income tax purposes.

**“Termination Date”** means the earlier to occur of:

- (i) the Scheduled Termination Date; and
- (ii) the Early Termination Date.

**“Terms and Conditions”** means, collectively, the Terms and Conditions Governing Use of Euroclear and the related Operating Procedures of Euroclear and applicable Belgian law.

**“Third-Party Diligence Providers”** means third-party diligence providers engaged by us to conduct the Third-Party Due Diligence Review. We may have engaged different third-party diligence providers from time-to-time, however, only one third-party diligence provider was engaged for a given Monthly Diligence Sample and a Monthly Diligence Sample was reviewed by only one third-party diligence provider.

**“Third-Party Due Diligence Review”** means the review of certain aspects of certain mortgage loans we acquired that met the Preliminary Eligibility Criteria conducted by the Third-Party Diligence Providers.

**“TILA”** means the Federal Truth-in-Lending Act.

**“TLTV”** means total loan-to-value, which with respect to each Reference Obligation, is a ratio, expressed as a percentage, obtained by dividing (a) the amount of all known outstanding loans at origination by (b) the value of the mortgaged property. It is also referred to as CLTV in the risk factors, appendices and our loan level disclosure.

**“TOB”** or **“TOBs”** means terms of business.

**“Tranche Write-down Amount”** with respect to each Payment Date, means the excess, if any, of the Principal Loss Amount for such Payment Date over the Principal Recovery Amount for such Payment Date.

**“Tranche Write-up Amount”** with respect to each Payment Date, means the excess, if any, of the Principal Recovery Amount for such Payment Date over the Principal Loss Amount for such Payment Date.

**“Transaction”** means the transactions consummated pursuant to the Basic Documents.

**“Transaction Party”** means each of the Sponsor, the Administrator, the Trust, the Owner Trustee, each Initial Purchaser, the Indenture Trustee, the Exchange Administrator, the Custodian, the Investment Manager and the successors, assigns and Affiliates of any of them.

**“Transfer Amount”** with respect to each Payment Date, means an amount equal to the excess, if any, of the aggregate Interest Payment Amount for such Payment Date over the Index Component for such Payment Date.

**“Treasury”** means the United States Department of the Treasury.

**“TRID”** means the TILA-RESPA Know Before You Owe Integrated Disclosure Rule.

**“Trust”** means Freddie Mac STACR REMIC Trust 2023-HQA1, a Delaware statutory trust.

**“Trust Agreement”** means the trust agreement dated as of April 13, 2023, as amended and restated by that certain Amended and Restated Trust Agreement dated as of the Closing Date, each between the Sponsor and the Owner Trustee, as the same may be amended, supplemented or modified from time to time.

**“Trust Assets”** means all right, title and interest of the Trust in, to and under, whether now owned or existing, or hereafter acquired or arising, (a) the Basic Documents, (b) the IO Q-REMIC Interest, (c) the Distribution Account and any amounts from time to time on deposit therein, (d) the Custodian Account and any amounts from time to time on deposit therein, (e) all Eligible Investments and all income realized from the investment thereof, (f) all accounts, general intangibles, chattel paper, instruments, documents, goods, money, investment property, deposit accounts, letters of credit and letter-of-credit rights, consisting of, arising from, or relating to, any of the foregoing, and (g) all proceeds, accessions, profits, income, benefits, substitutions and replacements, whether voluntary or involuntary, of and to any of the property of the Trust.

**“UCC”** means the Uniform Commercial Code as in effect in the State of New York from time to time.

**“UK”** means the United Kingdom.

**“UK Due Diligence Requirements”** means the diligence requirements under Article 5 of the UK Securitization Regulation or any replacement provision included in the UK Securitization Regulation from time to time.

**“UK Institutional Investors”** means the types of “institutional investor” to which the Securitization Regulation will apply in the UK.

**“UK Retention Requirement”** means the risk retention requirement under Article 6(1) of the UK Securitization Regulation or any replacement provision included in the UK Securitization Regulation from time to time.

**“UK Transparency Requirements”** means the disclosure requirements under Article 7 of the UK Securitization Regulation or any replacement provision included in the UK Securitization Regulation from time to time.

**“UK Securitization Regulation”** means Regulation (EU) 2017/2402 relating to a European framework for simple, transparent and standardized securitization in the form in effect on December 31, 2020, which forms part of UK domestic law by virtue of the EUWA, as amended by the Securitization (Amendment) (EU Exit) Regulations 2019 of the United Kingdom and as further amended, varied or substituted from time to time as a matter of UK law, including (i) any technical standards thereunder as may be effective from time to time and (ii) any guidance relating thereto as may from time to time be published by the UK Financial Conduct Authority and/or the UK Prudential Regulation Authority (or, in each case, any successor thereto).

**“Unadjusted Benchmark Replacement”** means the Benchmark Replacement excluding the Benchmark Replacement Adjustment.

**“Unconfirmed Servicing Defect”** with respect to any Reference Obligation, means the existence of the following, as we determine in our sole discretion:

(a) there is a violation of the servicing guidelines and other requirements in the Guide (as modified by the terms of the related servicer’s contract, including any related TOBs); and

(b) we have issued a notice of defect, repurchase letter or a repurchase alternative letter related to the servicing breach.

For the avoidance of doubt, any Reference Obligation with minor technical violations, which in each case we determine to be an acceptable Reference Obligation, may not result in an Unconfirmed Servicing Defect.

**“Unconfirmed Underwriting Defect”** with respect to any Reference Obligation, means the existence of the following, as we determine in our sole discretion: (i) there is a material violation of the underwriting guidelines and other requirements in the Guide (as modified by the terms of the related seller’s contract, including any related TOBs) with respect to such Reference Obligation, (ii) as of the origination date such Reference Obligation was secured by collateral that was inadequate or (iii) as of the origination date repayment in full on such Reference Obligation from the related mortgagor could not be expected. For the avoidance of doubt, any Reference Obligation with minor technical violations or missing documentation, which in each case we determine to be an acceptable Reference Obligation, will not result in an Unconfirmed Underwriting Defect.

**“Uncovered Q-REMIC Mortgage Loan”** means each mortgage loan that was pooled in a pass-through certificate established between January 1, 2022 and March 31, 2022 as to which a REMIC election was made, but not included in the Reference Pool.

**“Underwriting Defect”** with respect to any Payment Date and any Reference Obligation for which we have determined the existence of an Unconfirmed Underwriting Defect, means the occurrence of any of the following: (i) such Reference Obligation is repurchased by the related seller or servicer during the related Reporting Period, (ii) in lieu of repurchase, an alternative remedy (such as indemnification) is mutually agreed upon by both Freddie Mac and the related seller or servicer during the related Reporting Period, (iii) we in our sole discretion determine during the related Reporting Period that such Reference Obligation is no longer acceptable to Freddie Mac or (iv) the party responsible for the representations and warranties and/or servicing obligations or liabilities with respect to the Reference Obligation becomes subject to a bankruptcy, an insolvency proceeding or a receivership.

**“UPB”** with respect to any Reference Obligation or mortgage loan, means the unpaid principal balance of such Reference Obligation or mortgage loan.

**“U.S. Beneficial Owner”** means a U.S. Person that beneficially owns a Note.

**“U.S. Government Securities Business Day”** means any day except for a Saturday, a Sunday or a day on which SIFMA recommends that the fixed income departments of its members be closed for the entire day for purposes of trading in U.S. government securities.

**“USPAP”** means the Uniform Standards of Professional Appraisal Practices.

**“U.S. Person”** means:

- a. an individual who, for U.S. federal income tax purposes, is a citizen or resident of the United States;
- b. a corporation or partnership (or other business entity treated as a corporation or partnership for U.S. federal income tax purposes) created or organized in or under the laws of the United States, any state thereof, or the District of Columbia;
- c. an estate the income of which is subject to U.S. federal income taxation regardless of its source; or
- d. a trust if a court within the United States is able to exercise primary supervision over the administration of the trust and one or more U.S. persons have the authority to control all substantial decisions of the trust. Certain trusts in existence on or before August 20, 1996 that were treated as U.S. persons under the law in effect on such date but fail to qualify as U.S. persons under current law may elect to continue to be treated as U.S. persons to the extent prescribed in the applicable Regulations.

**“VA”** means the U.S. Department of Veterans Affairs.

**“Volcker Rule”** means Section 619 (12 U.S.C. § 1851) of the Dodd-Frank Act.

**“WAL”** or **“Weighted Average Life”** with respect to any Class of Notes (other than the Classes of Interest Only MACR Notes), means the average amount of time that will elapse from the date of issuance of such Class of Notes until its balance is reduced to zero. With respect to any Class of Interest Only MACR Notes, we have calculated the Weighted Average Life assuming that a reduction in the Notional Principal Amount of such Class is a reduction in the Class Principal Balance.



**“Warrant”** means a warrant to purchase, for a nominal price, shares of our common stock equal to 79.9% of the total number of shares of our common stock outstanding on a fully diluted basis at the time the warrant is exercised.

**“Weighted Average Life Tables”** means the tables set forth in *“Prepayment and Yield Considerations — Weighted Average Lives of the Notes — Weighted Average Life Tables”*.

**“Write-up Excess”** with respect to any Payment Date, means the amount by which the Tranche Write-up Amount on such Payment Date exceeds the Tranche Write-up Amount allocated on such Payment Date pursuant to clauses “first” through “eighth” under *“Description of the Notes — Hypothetical Structure and Calculations with Respect to the Reference Tranches — Allocation of Tranche Write-up Amounts”*.

**“X-IO Interest”** means an uncertificated interest issued by the Trust.

**“Yield Tables”** means the tables set forth in *“Prepayment and Yield Considerations — Yield Considerations with Respect to the Notes — Yield Tables”*.

## Appendix A

### THE REFERENCE OBLIGATIONS

Unless otherwise noted, the statistical information presented in this Memorandum concerning the Reference Pool is based on the characteristics of the Reference Obligations as of the Cut-off Date. In addition, unless otherwise noted, references to a percentage of Reference Obligations refer to a percentage of Reference Obligations by Cut-off Date Balance.

This Appendix A generally describes some of the material characteristics of the Reference Pool. Certain loan-level information for each Reference Obligation may be accessed through Freddie Mac's website at <https://capitalmarkets.freddie.mac.com/crt/clarity>.

The figures in the Memorandum may not correspond exactly to the related figures in this Appendix A due to rounding differences. Prior to the Closing Date, Reference Obligations will not be removed or substituted from the Reference Pool. We believe that the information set forth in the Memorandum and in this Appendix A is representative of the characteristics of the Reference Pool as it will be constituted as of the Closing Date.

We determined the population of the Reference Pool by selecting mortgage loans that meet the Eligibility Criteria and we securitized between January 1, 2022 and January 31, 2022 and were acquired on or after January 1, 2022.

#### Selected Reference Obligation Data as of the Cut-off Date

	Range or Total	Average or Weighted Average
Number of Reference Obligations . . . . .	37,756	—
Aggregate Original Principal Balance <sup>(1)</sup> . . . . .	\$13,875,549,000	—
Original Principal Balance <sup>(1)</sup> . . . . .	\$27,000 to \$1,063,000	\$367,506
Aggregate Principal Balance . . . . .	\$13,403,351,764	—
Principal Balance . . . . .	\$3,451 to \$1,039,881	\$354,999
Mortgage Rate . . . . .	2.250% to 5.125%	3.197%
Remaining Term to Maturity (months) . . . . .	262 to 347	346
Original Term to Maturity (months) . . . . .	276 to 360	360
Loan Age (months) . . . . .	13 to 23	14
Original LTV Ratio . . . . .	81% to 97%	92%
Original CLTV Ratio . . . . .	81% to 97%	92%
Original DTI Ratio . . . . .	2% to 62%	37%
Original Credit Score <sup>(2)</sup> . . . . .	615 to 827	751
Latest Maturity Date . . . . .	February 2052	—

(1) The original UPB of each Reference Obligation is rounded to the nearest \$1,000.

(2) Calculated based only on those Reference Obligations that had non-zero original Credit Scores for the mortgagors.

#### Top Five Geographic Concentration of Mortgaged Properties

California . . . . .	14.57%
Texas . . . . .	8.02%
Florida . . . . .	7.40%
New York . . . . .	4.88%
Washington . . . . .	4.17%
Maximum Three-Digit Zip Code Concentration . . . . .	1.19%

The characteristics of the Reference Pool will change from time to time to reflect subsequent payments, prepayments and Credit Events with respect to the Reference Obligations. In addition, the characteristics of the Reference Pool may change after the issuance of the Notes as a result of Reference Pool Removals, and, if permitted as described in this Memorandum, the replacement of Reference Obligations with the corresponding Enhanced Relief Refinance Reference Obligations.

See “*Description of the Notes — Hypothetical Structure and Calculations with Respect to the Reference Tranches — Allocation of Senior Reduction Amount and Subordinate Reduction Amount*” for a description of how Reference Pool Removals affect the Notes. In the event that a Reference Obligation that was previously removed from the Reference Pool is discovered to have been removed in error, such Reference Obligation will be reinstated into the Reference Pool. See “*Description of the Notes — Hypothetical Structure and Calculations with Respect to the Reference Tranches — Allocation*”

of Tranche Write-up Amounts”. See “General Mortgage Loan Purchase and Servicing — Servicing Standards” and “— Quality Control Process” in this Appendix E for a description of how Major Servicing Defects, Minor Servicing Defects and Underwriting Defects may be discovered through Freddie Mac’s quality control processes.

Were these changes ever to occur, they could materially alter the Reference Pool characteristics shown above and the WALs and yields to maturity of the Notes.

The Initial Cohort Pool represents certain mortgage loans that we securitized between January 1, 2022 and January 31, 2022 and were acquired on or after January 1, 2022. The table below summarizes the original unpaid principal balance of the mortgage loans included in the Initial Cohort Pool and mortgage loans excluded due to the Eligibility Criteria.

Category	Aggregate Original Principal Balance (\$ Billion)
All non-HARP loans securitized between January 1, 2022 and January 31, 2022 and were acquired on or after January 1, 2022	86.00
Non-HARP loans with REMIC election, fixed and other filters	84.74
Non-HARP loans with REMIC election, fixed 241 to 360 months term and other filters	71.70
Non-HARP loans with REMIC election, fixed 241 to 360 months term, 80% < LTV <= 97% and other filters	19.94
Non-HARP loans with REMIC election, fixed 241 to 360 months term, 80% < LTV <= 97% and other additional filters	15.45

The table below summarizes (i) the mortgage loans in the Initial Cohort Pool that were excluded from the Reference Pool due to delinquencies, payoffs, mortgagor bankruptcy filings, quality control removals and data reconciliation or corrected data removals, as applicable, and (ii) the Reference Obligations in the Reference Pool, as applicable.

Category	Number of Mortgage Loans	Aggregate Original Principal Balance (\$) <sup>(1)</sup>	Average Original Principal Balance (\$) <sup>(1)</sup>	Non-Zero Weighted Average Original Credit Score	Weighted Average Original LTV Ratio (%)	Weighted Average Original DTI Ratio (%)
Initial Cohort Pool	42,500	15,453,936,000	363,622	750	92	37
less mortgage loans that were repurchased or removed by quality control process <sup>(2)</sup>	119	40,194,000	337,765	730	93	40
less mortgage loans that were paid in full	1,302	403,763,000	310,110	749	92	37
less mortgage loans that were removed due to having failed delinquency criteria or the borrower having filed for bankruptcy	3,323	1,134,430,000	341,387	731	92	38
<b>Reference Pool</b>	<b>37,756</b>	<b>13,875,549,000</b>	<b>367,506</b>	<b>751</b>	<b>92</b>	<b>37</b>

(1) The original UPB of each Reference Obligation is rounded to the nearest \$1,000.

(2) Includes mortgage loans removed as a result of the findings of the Third-Party Diligence Providers, if applicable. Also includes mortgage loans repurchased by the seller/servicer as a result of their internal quality control process and/or voluntarily repurchased by the seller/servicer.

The table below summarizes the delinquency status as of March 31, 2023 for the mortgage loans that were excluded from the Reference Pool due to ever being reported 30 days or more delinquent since purchase by Freddie Mac.

<u>Initial Cohort Pool Total Number of Mortgage Loans</u>	<u>42,500</u>	
	<u>Number of Mortgage Loans</u>	<u>% of Initial Cohort Pool</u>
<b>Total Delinquency/Bankruptcy Removals</b> . . . . .	3,323	7.819%
<b>Mortgage Loans with Current Status</b> . . . . .	2,512	5.911%
<b>Mortgage Loans with Delinquent Status</b> . . . . .	811	1.908%
30-59 days delinquent . . . . .	309	0.727%
60-89 days delinquent . . . . .	125	0.294%
90-119 days delinquent . . . . .	68	0.160%
120-149 days delinquent . . . . .	67	0.158%
150-179 days delinquent . . . . .	53	0.125%
180 days or more delinquent <sup>(1)</sup> . . . . .	189	0.445%

(1) Includes 3 mortgage loans which are REO acquisitions.

## Results of Freddie Mac Quality Control

As described more fully in [Appendix E](#), on an ongoing basis, we perform certain limited post-purchase quality control review procedures with respect to the underwriting and eligibility of mortgage loans we acquire. In this section, we provide you with certain tabular information, current as of the Quality Control Cut-off Date, related to the post-purchase quality control review that was performed for a small subset of the mortgage loans we acquired that met the Preliminary Eligibility Criteria. We have not performed any separate review specifically with respect to the mortgage loans in the Initial Cohort Pool or the Reference Pool. You should make your own determination about the appropriateness and suitability of, as well as the extent to which you should rely upon, our review procedures and their relevance to the Reference Pool. See “*General Mortgage Loan Purchase and Servicing — Quality Control Process — Limitations of the Quality Control Review Process*” in [Appendix E](#) and “*Risk Factors — Risks Related to the Notes Being Linked to the Reference Pool — Due Diligence and Quality Control Processes Are Limited*” for additional information regarding the limitations of our review.

The tables below provide certain information about the types of reviews that were performed on the mortgage loans we acquired that met the Preliminary Eligibility Criteria as of the Quality Control Cut-off Date, but do not include any information regarding reviews conducted after the Quality Control Cut-off Date.

Mortgage Loans Meeting Preliminary Eligibility Criteria	Nov-22	Oct-22	Sep-22	Aug-22	Jul-22	Jun-22	May-22	Apr-22	Mar-22	Feb-22	Jan-22	Dec-21
Total Mortgage Loans	52,084	38,738	63,029	105,967	92,129	87,009	83,909	77,151	91,947	108,501	178,365	165,376
Monthly Random Sample QC Selection	1,776	1,366	1,875	2,836	2,670	2,206	1,910	1,511	1,765	2,569	3,219	2,479
% of Eligible Mortgage Loans	3.41%	3.53%	2.97%	2.68%	2.90%	2.54%	2.28%	1.96%	1.92%	2.37%	1.80%	1.50%

Sample Type	Nov-22	Oct-22	Sep-22	Aug-22	Jul-22	Jun-22	May-22	Apr-22	Mar-22	Feb-22	Jan-22	Dec-21
Monthly Random Sample QC Credit Review	1,531	1,138	1,643	2,586	2,411	1,957	1,730	1,364	1,504	2,310	2,928	2,262
Monthly Random Sample QC Compliance Review	235	218	224	238	246	239	170	144	252	240	280	208
Monthly Random Sample QC Dual Credit and Compliance Review	10	10	8	12	13	10	10	3	9	19	11	9
Monthly Targeted Sample QC Review	916	620	1,051	1,307	1,321	1,186	1,284	1,315	1,434	1,662	2,328	2,053
<b>Total Mortgage Loans Subject to Freddie Mac QC<sup>(1)</sup></b>	<b>2,692</b>	<b>1,986</b>	<b>2,926</b>	<b>4,143</b>	<b>3,991</b>	<b>3,392</b>	<b>3,194</b>	<b>2,826</b>	<b>3,199</b>	<b>4,231</b>	<b>5,547</b>	<b>4,532</b>

Number of Mortgage Loans with Completed Reviews	Nov-22	Oct-22	Sep-22	Aug-22	Jul-22	Jun-22	May-22	Apr-22	Mar-22	Feb-22	Jan-22	Dec-21
Monthly Random Sample QC Credit Review	1,518	1,137	1,643	2,586	2,411	1,956	1,730	1,364	1,504	2,310	2,928	2,262
Monthly Random Sample QC Compliance Review	147	203	223	238	246	239	170	144	252	240	280	208
Monthly Random Sample QC Dual Credit and Compliance Review	10	10	8	12	13	10	10	3	9	19	11	9
Monthly Targeted Sample QC Review	715	510	912	1,167	1,186	1,080	1,163	1,194	1,272	1,486	2,199	1,966
<b>Total</b>	<b>2,390</b>	<b>1,860</b>	<b>2,786</b>	<b>4,003</b>	<b>3,856</b>	<b>3,285</b>	<b>3,073</b>	<b>2,705</b>	<b>3,037</b>	<b>4,055</b>	<b>5,418</b>	<b>4,445</b>

Number of Mortgage Loans with Outstanding Reviews <sup>(2)</sup>	Nov-22	Oct-22	Sep-22	Aug-22	Jul-22	Jun-22	May-22	Apr-22	Mar-22	Feb-22	Jan-22	Dec-21
Monthly Random Sample QC Credit Review	13	1	0	0	0	1	0	0	0	0	0	0
Monthly Random Sample QC Compliance Review	88	15	1	0	0	0	0	0	0	0	0	0
Monthly Random Sample QC Dual Credit and Compliance Review	0	0	0	0	0	0	0	0	0	0	0	0
Monthly Targeted Sample QC Review	201	110	139	140	135	106	121	121	162	176	129	87
<b>Total</b>	<b>302</b>	<b>126</b>	<b>140</b>	<b>140</b>	<b>135</b>	<b>107</b>	<b>121</b>	<b>121</b>	<b>162</b>	<b>176</b>	<b>129</b>	<b>87</b>

(1) Selection of mortgage loans for review is a dynamic process and can result in the addition or deletion of mortgage loans from a sample. The addition or deletion of mortgage loans from a sample occurs because of multiple factors, including, but not limited to, additional targeting of selected mortgage loans by originators or inclusion of additional mortgage loans in quality assurance programs. Accordingly, the number of mortgage loans shown as selected for review is as of the Quality Control Cut-off Date and it may be different on another date.

(2) Some of the mortgage loans with outstanding reviews or with Unconfirmed Underwriting Defects as of the Quality Control Cut-off Date may ultimately be determined to have Underwriting Defects.

Number of Mortgage Loans Identified with Underwriting Defects & Underwriting Defects as % of Mortgage Loans with Completed Reviews	Nov-22		Oct-22		Sep-22		Aug-22		Jul-22		Jun-22		May-22		Apr-22		Mar-22		Feb-22		Jan-22		Dec-21	
Monthly Random Sample QC Credit Review	35	2.31%	58	5.10%	83	5.05%	149	5.76%	142	5.89%	108	5.52%	93	5.38%	85	6.23%	98	6.52%	113	4.89%	151	5.16%	86	3.80%
Monthly Random Sample QC Compliance Review	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	1	0.40%	0	0%	0	0%	2	0.96%
Monthly Random Sample QC Dual Credit and Compliance Review	0	0%	1	10.00%	0	0%	0	0%	0	0%	1	10.00%	1	10.00%	0	0%	0	0%	2	10.53%	0	0%	0	0%
<b>Monthly Random Sample QC Selection - Total</b>	<b>35</b>	<b>2.09%</b>	<b>59</b>	<b>4.37%</b>	<b>83</b>	<b>4.43%</b>	<b>149</b>	<b>5.25%</b>	<b>142</b>	<b>5.32%</b>	<b>109</b>	<b>4.94%</b>	<b>94</b>	<b>4.92%</b>	<b>85</b>	<b>5.63%</b>	<b>99</b>	<b>5.61%</b>	<b>115</b>	<b>4.48%</b>	<b>151</b>	<b>4.69%</b>	<b>88</b>	<b>3.55%</b>
Monthly Targeted Sample QC Review	24	3.36%	25	4.90%	66	7.24%	117	10.03%	147	12.39%	139	12.87%	163	14.02%	168	14.07%	190	14.94%	236	15.88%	368	16.73%	308	15.67%

Number of Mortgage Loans Identified with Unconfirmed Underwriting Defects & Unconfirmed Underwriting Defects as % of Mortgage Loans with Completed Reviews	Nov-22		Oct-22		Sep-22		Aug-22		Jul-22		Jun-22		May-22		Apr-22		Mar-22		Feb-22		Jan-22		Dec-21	
Monthly Random Sample QC Credit Review	207	13.64%	68	5.98%	29	1.77%	12	0.46%	4	0.17%	0	0%	1	0.06%	0	0%	0	0%	0	0%	0	0%	0	0%
Monthly Random Sample QC Compliance Review	0	0%	1	0%	2	0.90%	1	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	1	0.48%
Monthly Random Sample QC Dual Credit and Compliance Review	0	0%	0	0%	1	12.50%	0	0%	1	7.69%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
<b>Monthly Random Sample QC Selection - Total</b>	<b>207</b>	<b>12.36%</b>	<b>69</b>	<b>5.11%</b>	<b>32</b>	<b>1.71%</b>	<b>13</b>	<b>0%</b>	<b>5</b>	<b>0%</b>	<b>0</b>	<b>0%</b>	<b>1</b>	<b>0.05%</b>	<b>0</b>	<b>0%</b>	<b>0</b>	<b>0%</b>	<b>0</b>	<b>0%</b>	<b>0</b>	<b>0%</b>	<b>1</b>	<b>0%</b>
Monthly Targeted Sample QC Review	224	31.33%	132	25.88%	154	16.89%	167	14.31%	90	7.59%	63	5.83%	44	3.78%	54	4.52%	29	2.28%	30	2.02%	46	2.09%	46	2.34%

Initial Cohort Pool <sup>(1)</sup> - Mortgage Loans Meeting Preliminary Eligibility Criteria	Nov-22	Oct-22	Sep-22	Aug-22	Jul-22	Jun-22	May-22	Apr-22	Mar-22	Feb-22	Jan-22	Dec-21
Total Mortgage Loans	52,084	38,738	63,029	105,967	92,129	87,009	83,909	77,151	91,947	108,501	178,365	165,376
Monthly Random Sample QC Selection	0	0	0	0	0	0	0	0	0	0	581	0
% of Eligible Mortgage Loans	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.33%	0.00%

Initial Cohort Pool - Sample Type	Nov-22	Oct-22	Sep-22	Aug-22	Jul-22	Jun-22	May-22	Apr-22	Mar-22	Feb-22	Jan-22	Dec-21
Monthly Random Sample QC Credit Review	0	0	0	0	0	0	0	0	0	0	540	0
Monthly Random Sample QC Compliance Review	0	0	0	0	0	0	0	0	0	0	41	0
Monthly Random Sample QC Dual Credit and Compliance Review	0	0	0	0	0	0	0	0	0	0	0	0
Monthly Targeted Sample QC Review	0	0	0	0	0	0	0	0	0	0	606	0
<b>Total Mortgage Loans Subject to Freddie Mac QC<sup>(2)</sup></b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,187</b>	<b>0</b>

Initial Cohort Pool - Number of Mortgage Loans with Completed Reviews	Nov-22	Oct-22	Sep-22	Aug-22	Jul-22	Jun-22	May-22	Apr-22	Mar-22	Feb-22	Jan-22	Dec-21
Monthly Random Sample QC Credit Review	0	0	0	0	0	0	0	0	0	0	540	0
Monthly Random Sample QC Compliance Review	0	0	0	0	0	0	0	0	0	0	41	0
Monthly Random Sample QC Dual Credit and Compliance Review	0	0	0	0	0	0	0	0	0	0	0	0
Monthly Targeted Sample QC Review	0	0	0	0	0	0	0	0	0	0	567	0
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,148</b>	<b>0</b>

Initial Cohort Pool - Number of Mortgage Loans with Outstanding Reviews <sup>(3)</sup>	Nov-22	Oct-22	Sep-22	Aug-22	Jul-22	Jun-22	May-22	Apr-22	Mar-22	Feb-22	Jan-22	Dec-21
Monthly Random Sample QC Credit Review	0	0	0	0	0	0	0	0	0	0	0	0
Monthly Random Sample QC Compliance Review	0	0	0	0	0	0	0	0	0	0	0	0
Monthly Random Sample QC Dual Credit and Compliance Review	0	0	0	0	0	0	0	0	0	0	0	0
Monthly Targeted Sample QC Review	0	0	0	0	0	0	0	0	0	0	39	0
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>39</b>	<b>0</b>

- (1) All mortgage loans in the Initial Cohort Pool met the Preliminary Eligibility Criteria. The Initial Cohort Pool is a subset of all the mortgage loans we acquired that met the Preliminary Eligibility Criteria.
- (2) Selection of mortgage loans for review is a dynamic process and can result in the addition or deletion of mortgage loans from a sample. The addition or deletion of mortgage loans from a sample occurs because of multiple factors, including, but not limited to, additional targeting of selected mortgage loans by originators or inclusion of additional mortgage loans in quality assurance programs. Accordingly, the number of mortgage loans shown as selected for review is as of the Quality Control Cut-off Date and it may be different on another date.
- (3) Some of the mortgage loans with outstanding reviews as of the Quality Control Cut-off Date may ultimately be determined to have Underwriting Defects.



Initial Cohort Pool - Number of Mortgage Loans Identified with Underwriting Defects & Underwriting Defects as % of Mortgage Loans with Completed Reviews	Nov-22		Oct-22		Sep-22		Aug-22		Jul-22		Jun-22		May-22		Apr-22		Mar-22		Feb-22		Jan-22		Dec-21	
Monthly Random Sample QC Credit Review	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	27	5.00%	0	0%
Monthly Random Sample QC Compliance Review	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
Monthly Random Sample QC Dual Credit and Compliance Review	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
Monthly Random Sample QC Selection - Total	0	0.00%	0	0.00%	0	0.00%	0	0.00%	0	0.00%	0	0.00%	0	0.00%	0	0.00%	0	0.00%	0	0.00%	27	4.65%	0	0.00%
Monthly Targeted Sample QC Review	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	85	14.99%	0	0%

Initial Cohort Pool - Number of Mortgage Loans Identified with Unconfirmed Underwriting Defects & Unconfirmed Underwriting Defects as % of Mortgage Loans with Completed Reviews	Nov-22		Oct-22		Sep-22		Aug-22		Jul-22		Jun-22		May-22		Apr-22		Mar-22		Feb-22		Jan-22		Dec-21	
Monthly Random Sample QC Credit Review	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
Monthly Random Sample QC Compliance Review	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
Monthly Random Sample QC Dual Credit and Compliance Review	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
Monthly Random Sample QC Selection - Total	0	0.00%	0	0.00%	0	0.00%	0	0.00%	0	0.00%	0	0.00%	0	0.00%	0	0.00%	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Monthly Targeted Sample QC Review	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	16	2.82%	0	0%		

Monthly Data for Servicing Remedy Management	Nov-22	Oct-22	Sep-22	Aug-22	Jul-22	Jun-22	May-22	Apr-22	Mar-22	Feb-22	Jan-22	Dec-21
Number of Mortgage Loans Referred to Servicing Remedy Management	0	0	0	0	1	0	4	0	1	8	12	13
Number of Mortgage Loans with Completed Reviews	0	0	0	0	1	0	4	0	1	8	12	13
Number of Mortgage Loans with Outstanding Reviews	0	0	0	0	0	0	0	0	0	0	0	0
Number of Major or Minor Servicing Defects	0	0	0	0	0	0	0	0	0	0	0	0
Major or Minor Servicing Defects as % of Mortgage Loans with Completed Reviews	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Number of Unconfirmed Servicing Defects	0	0	0	0	0	0	1	0	0	1	1	2

Initial Cohort Pool - Monthly Data for Servicing Remedy Management	Nov-22	Oct-22	Sep-22	Aug-22	Jul-22	Jun-22	May-22	Apr-22	Mar-22	Feb-22	Jan-22	Dec-21
Number of Mortgage Loans Referred to Servicing Remedy Management	0	0	0	0	0	0	0	0	0	0	8	0
Number of Mortgage Loans with Completed Reviews	0	0	0	0	0	0	0	0	0	0	8	0
Number of Mortgage Loans with Outstanding Reviews	0	0	0	0	0	0	0	0	0	0	0	0
Number of Major or Minor Servicing Defects	0	0	0	0	0	0	0	0	0	0	0	0
Major or Minor Servicing Defects as % of Mortgage Loans with Completed Reviews	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Number of Unconfirmed Servicing Defects	0	0	0	0	0	0	0	0	0	0	1	0

As part of our post-purchase quality control review procedures with respect to mortgage loans we acquire, we review mortgage loans for Underwriting Defects and Unconfirmed Underwriting Defects. Mortgage loans that are identified as having Underwriting Defects as of the Quality Control Cut-off Date are excluded from the Reference Pool. Each mortgage loan that is a Reference Obligation and that is identified as having an Unconfirmed Underwriting Defect as of the Quality Control Cut-off Date will remain in the Reference Pool pending a final determination of whether such Unconfirmed Underwriting Defect is ultimately reclassified as an Underwriting Defect. Any such reclassification will result in the affected mortgage loan being removed from the Reference Pool.

The table below provides certain information about the mortgage loans in the Reference Pool subject to our post-purchase quality control review procedures that were determined to have Unconfirmed Underwriting Defects as of the Quality Control Cut-off Date.

Sample Type	Number of Mortgage Loans in Reference Pool with Unconfirmed Underwriting Defects	Unconfirmed Underwriting Defects as % of Reference Pool
Monthly Random Sample QC Credit Review . . . . .	0	0.00%
Monthly Random Sample QC Compliance Review . . . . .	0	0.00%
Monthly Random Sample QC Dual Credit and Compliance Review . . . . .	0	0.00%
Monthly Targeted Sample QC Review . . . . .	<u>2</u>	<u>0.01%</u>
<b>Total</b>	<b><u>2</u></b>	<b><u>0.01%</u></b>

## Monthly Random Sample QC Credit Review

As part of our post-purchase quality control review procedures, a subset of the mortgage loans we acquired was subject to a Monthly Random Sample QC Credit Review in which we reviewed the origination documentation to verify that such mortgage loan (i) is made to a mortgagor from whom repayment of the mortgage loan can be expected, (ii) is secured by collateral that is adequate for the transaction and (iii) otherwise complies with our Guide and applicable TOBs. This review included a credit component and a component consisting of a review of the independent appraisals of the mortgaged properties (when applicable) obtained by the originators in connection with the origination of the mortgage loans (referred to herein as the “original appraisals”) also described under “*General Mortgage Loan Purchase and Servicing — Quality Control Process — Performing Loan Quality Control Review*” and “*— Credit and Collateral Review*” in Appendix E. None of the procedures conducted as part of our Monthly Random Sample QC Review constitute, either separately or in combination, an independent underwriting of the reviewed mortgage loans. In addition, none of the procedures conducted as part of our Monthly Random Sample QC Review of the original appraisals constitute re-appraisals of the mortgaged properties. To the extent that valuation tools are used as part of the original appraisal review process, such tools should not be relied upon as providing assessments of value of the mortgaged properties comparable to that which appraisals might provide. Such tools also are not an assessment of the current value of any of the mortgaged properties.

The table below provides certain information about the Underwriting Defects identified by the Monthly Random Sample QC Credit Review as of the Quality Control Cut-off Date. The exceptions described in the table below, and in each of the tables that provide information regarding exceptions in “*The Reference Obligations — Results of Freddie Mac Quality Control*” section of this Appendix A, were taken directly from our internal quality control systems, which utilize a standardized list of the descriptions of the exceptions for consistency across our internal and external reporting of this data.

Exceptions - Number of Mortgage Loans & % of the Monthly Random Sample QC Credit Review with Completed Reviews	Nov-22	Oct-22	Sep-22	Aug-22	Jul-22	Jun-22	May-22	Apr-22	Mar-22	Feb-22	Jan-22	Dec-21
Insufficient Income - Income calculated incorrectly	7 0.46%	16 1.41%	24 1.46%	37 1.43%	35 1.45%	25 1.28%	20 1.16%	17 1.25%	22 1.46%	29 1.26%	26 0.89%	17 0.75%
Unable to calculate income - documentation missing/insufficient	3 0.20%	5 0.44%	10 0.61%	20 0.77%	24 1.00%	10 0.51%	12 0.69%	9 0.66%	10 0.66%	18 0.78%	14 0.48%	4 0.18%
Insufficient Income - Income not stable/durable	2 0.13%	5 0.44%	7 0.43%	17 0.66%	11 0.46%	8 0.41%	7 0.40%	10 0.73%	5 0.33%	7 0.30%	9 0.31%	9 0.40%
Ineligible property-Health and Safety issues not addressed	0 0%	3 0.26%	6 0.37%	8 0.31%	1 0.04%	3 0.15%	2 0.12%	2 0.15%	7 0.47%	4 0.17%	5 0.17%	3 0.13%
Unable to calculate income - Documentation insufficient/inadequate (COVID-19 Reqs)	0 0%	0 0%	0 0%	2 0.08%	0 0%	2 0.10%	2 0.12%	5 0.37%	3 0.20%	6 0.26%	17 0.58%	5 0.22%
Closing Disclosure/HUD-I documentation missing/insufficient	2 0.13%	0 0%	5 0.30%	6 0.23%	3 0.12%	3 0.15%	2 0.12%	2 0.15%	3 0.20%	2 0.09%	3 0.10%	1 0.04%
Unable to calculate monthly obligations- documentation missing/insufficient	0 0%	2 0.18%	2 0.12%	5 0.19%	2 0.08%	0 0%	2 0.12%	0 0%	2 0.13%	2 0.09%	6 0.20%	3 0.13%
Excessive obligations - Other payments calculated incorrectly	1 0.07%	0 0%	0 0%	1 0.04%	1 0.04%	8 0.41%	1 0.06%	1 0.07%	2 0.13%	3 0.13%	3 0.10%	3 0.13%
Ineligible property- Structural issues not addressed	0 0%	2 0.18%	3 0.18%	3 0.12%	4 0.17%	4 0.20%	4 0.23%	1 0.07%	0 0%	1 0.04%	2 0.07%	0 0%
Insufficient collateral report - Missing completion certificate	3 0.20%	2 0.18%	1 0.06%	0 0%	4 0.17%	1 0.05%	2 0.12%	3 0.22%	1 0.07%	1 0.04%	4 0.14%	1 0.04%
Occupancy falsely represented	1 0.07%	3 0.26%	0 0%	3 0.12%	2 0.08%	2 0.10%	2 0.12%	2 0.15%	0 0%	2 0.09%	3 0.10%	3 0.13%
Documents to exclude debt missing/insufficient	0 0%	1 0.09%	3 0.18%	5 0.19%	3 0.12%	1 0.05%	0 0%	1 0.07%	0 0%	3 0.13%	3 0.10%	1 0.04%
Col-Condo Project Documentation Not Provided	1 0.07%	3 0.26%	0 0%	3 0.12%	3 0.12%	1 0.05%	1 0.06%	1 0.07%	1 0.07%	0 0%	3 0.10%	1 0.04%
Credit history/reputation requirements not met	2 0.13%	2 0.18%	1 0.06%	1 0.04%	2 0.08%	1 0.05%	1 0.06%	1 0.07%	0 0%	2 0.09%	3 0.10%	1 0.04%
Large Deposit(s) - Source of Funds Unknown	0 0%	2 0.18%	2 0.12%	3 0.12%	6 0.25%	0 0%	1 0.06%	1 0.07%	1 0.07%	1 0.04%	0 0%	0 0%
Insufficient funds to close documentation missing/insufficient	0 0%	0 0%	0 0%	2 0.08%	4 0.17%	2 0.10%	1 0.06%	1 0.07%	0 0%	2 0.09%	4 0.14%	0 0%
MI requirements not met - Missing certificate	0 0%	1 0.09%	2 0.12%	2 0.08%	2 0.08%	2 0.10%	1 0.06%	3 0.22%	1 0.07%	0 0%	1 0.03%	1 0.04%
Non-LP AUS waiver requirements not met - Inaccurate data invalidates AUS decision	0 0%	0 0%	0 0%	0 0%	2 0.08%	1 0.05%	0 0%	0 0%	5 0.33%	3 0.13%	4 0.14%	1 0.04%
Insufficient collateral report-missing/insufficient	0 0%	0 0%	2 0.12%	2 0.08%	1 0.04%	2 0.10%	1 0.06%	1 0.07%	3 0.20%	0 0%	0 0%	3 0.13%
Title/binder/policy-documentation missing/insufficient	0 0%	0 0%	2 0.12%	1 0.04%	2 0.08%	1 0.05%	3 0.17%	1 0.07%	2 0.13%	0 0%	2 0.07%	0 0%
Ineligible for program/offering - Cash out not allowed	0 0%	0 0%	0 0%	1 0.04%	1 0.04%	0 0%	3 0.17%	2 0.15%	0 0%	1 0.04%	2 0.07%	2 0.09%
Ineligible Property - Other	0 0%	1 0.09%	1 0.06%	2 0.08%	2 0.08%	3 0.15%	0 0%	0 0%	2 0.13%	0 0%	0 0%	1 0.04%
Excessive obligations - Undisclosed non-mortgage debt	0 0%	0 0%	1 0.06%	0 0%	0 0%	0 0%	3 0.17%	1 0.07%	1 0.07%	1 0.04%	2 0.07%	2 0.09%
Insufficient Income - Income not stable/durable (COVID-19 Reqs)	0 0%	0 0%	0 0%	0 0%	0 0%	0 0%	0 0%	0 0%	0 0%	2 0.09%	5 0.17%	3 0.13%
Sales Contract Requirements not met - documentation missing/insufficient	2 0.13%	1 0.09%	0 0%	1 0.04%	0 0%	0 0%	1 0.06%	0 0%	0 0%	4 0.17%	0 0%	1 0.04%
Credit reputation requirements not met - Number of credit references insufficient	0 0%	1 0.09%	0 0%	1 0.04%	1 0.04%	2 0.10%	1 0.06%	0 0%	1 0.07%	0 0%	1 0.03%	1 0.04%
Funds to close insufficient - Ineligible source of funds to close	0 0%	0 0%	1 0.06%	0 0%	0 0%	1 0.05%	1 0.06%	3 0.22%	1 0.07%	1 0.04%	1 0.03%	0 0%
Original appraisal does not support value-Issues/items affect value/marketability	0 0%	1 0.09%	0 0%	1 0.04%	1 0.04%	2 0.10%	3 0.17%	0 0%	0 0%	0 0%	0 0%	1 0.04%
Credit reputation requirements not met - Housing payment history not verified	0 0%	1 0.09%	0 0%	1 0.04%	1 0.04%	0 0%	0 0%	0 0%	2 0.13%	1 0.04%	1 0.03%	1 0.04%
Ineligible property - Project condition or Special assessment	0 0%	0 0%	1 0.06%	0 0%	2 0.08%	2 0.10%	1 0.06%	2 0.15%	0 0%	0 0%	0 0%	0 0%
OA Comparable Sales provided not the most appropriate sales available	0 0%	1 0.09%	0 0%	2 0.08%	0 0%	0 0%	1 0.06%	0 0%	2 0.13%	0 0%	2 0.07%	0 0%
Excessive obligations - Housing payment calculated incorrectly	0 0%	0 0%	1 0.06%	0 0%	0 0%	1 0.05%	0 0%	1 0.07%	1 0.07%	0 0%	2 0.07%	1 0.04%
Incomplete Improvements - Escrow Requirements Not Met	0 0%	1 0.09%	0 0%	1 0.04%	0 0%	1 0.05%	1 0.06%	0 0%	0 0%	2 0.09%	1 0.03%	0 0%
Loss of income source - Borrower not employed at closing	1 0.07%	0 0%	0 0%	1 0.04%	0 0%	1 0.05%	2 0.12%	0 0%	1 0.07%	0 0%	1 0.03%	0 0%

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Exceptions - Number of Mortgage Loans & % of the Monthly Random Sample QC Credit Review with Completed Reviews	Nov-22		Oct-22		Sep-22		Aug-22		Jul-22		Jun-22		May-22		Apr-22		Mar-22		Feb-22		Jan-22		Dec-21	
Note requirement not met-missing/insufficient	0	0%	0	0%	0	0%	2	0.08%	0	0%	1	0.05%	1	0.06%	0	0%	1	0.07%	1	0.04%	1	0.03%	0	0%
ACE (Automated Collateral Evaluation) Requirements Not Met	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	3	0.10%	3	0.13%
Flood certification requirements not met - missing/insufficient	1	0.07%	0	0%	0	0%	0	0%	0	0%	1	0.05%	1	0.06%	0	0%	1	0.07%	1	0.04%	1	0.03%	0	0%
Insufficient Income - Documentation Falsified	0	0%	0	0%	0	0%	1	0.04%	2	0.08%	2	0.10%	0	0%	0	0%	0	0%	0	0%	1	0.03%	0	0%
Excessive obligations - Undisclosed mortgage debt	1	0.07%	0	0%	0	0%	0	0%	1	0.04%	1	0.05%	0	0%	0	0%	1	0.07%	0	0%	1	0.03%	0	0%
Ineligible property - C5/C6 Condition Rating	2	0.13%	0	0%	0	0%	0	0%	0	0%	0	0%	1	0.06%	1	0.07%	0	0%	1	0.04%	0	0%	0	0%
Loan Application-documentation missing/insufficient	0	0%	0	0%	0	0%	2	0.08%	0	0%	1	0.05%	0	0%	0	0%	0	0%	0	0%	1	0.03%	1	0.04%
LTV exceeds maximum allowable	0	0%	1	0.09%	0	0%	0	0%	1	0.04%	0	0%	1	0.06%	0	0%	0	0%	1	0.04%	1	0.03%	0	0%
Real estate owned taxes/insurance documentation missing/insufficient	0	0%	1	0.09%	0	0%	0	0%	1	0.04%	0	0%	0	0%	0	0%	1	0.07%	0	0%	2	0.07%	0	0%
Reserves do not meet minimum required - documentation missing/insufficient	0	0%	0	0%	0	0%	0	0%	1	0.04%	1	0.05%	0	0%	0	0%	1	0.07%	0	0%	1	0.03%	1	0.04%
Seller/borrower not owner of record	0	0%	0	0%	0	0%	0	0%	3	0.12%	1	0.05%	0	0%	1	0.07%	0	0%	0	0%	0	0%	0	0%
Significant derogatory credit event recovery period not met	0	0%	0	0%	2	0.12%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	1	0.03%	2	0.09%
ACE Requirements Not Met - Property Condition	0	0%	0	0%	0	0%	1	0.04%	0	0%	0	0%	0	0%	0	0%	1	0.07%	0	0%	2	0.07%	0	0%
Additional Tax Returns Result in Excessive DTI	0	0%	0	0%	0	0%	0	0%	1	0.04%	1	0.05%	1	0.06%	0	0%	0	0%	1	0.04%	0	0%	0	0%
Borrower personal funds in transaction do not meet min req-documentation missing/insufficient	0	0%	0	0%	0	0%	2	0.08%	0	0%	1	0.05%	0	0%	1	0.07%	0	0%	0	0%	0	0%	0	0%
Credit reputation requirements not met-documentation missing/insufficient	3	0.20%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	1	0.04%
Interested Party contribution exceeds max allowed	0	0%	0	0%	0	0%	0	0%	1	0.04%	0	0%	0	0%	1	0.07%	0	0%	1	0.04%	0	0%	1	0.04%
Not valid first lien - Documentation missing	0	0%	0	0%	1	0.06%	0	0%	0	0%	0	0%	0	0%	1	0.07%	1	0.07%	0	0%	0	0%	1	0.04%
Self-employment not disclosed	0	0%	1	0.09%	0	0%	1	0.04%	0	0%	0	0%	0	0%	0	0%	1	0.07%	1	0.04%	0	0%	0	0%
Third party source of verification of self employment-documentation missing/insufficient	0	0%	1	0.09%	0	0%	2	0.08%	0	0%	0	0%	1	0.06%	0	0%	0	0%	0	0%	0	0%	0	0%
ACE Requirements Not Met - ACE+PDR	2	0.13%	0	0%	1	0.06%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
ACE Requirements Not Met - Non Arms Length Transaction	0	0%	0	0%	0	0%	0	0%	1	0.04%	0	0%	1	0.06%	0	0%	0	0%	1	0.04%	0	0%	0	0%
Cash back exceeds limit	0	0%	0	0%	1	0.06%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	2	0.09%
Credit Report missing/insufficient	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	1	0.07%	1	0.07%	0	0%	0	0%	1	0.04%
Ineligible for program/offering - Other	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	1	0.06%	1	0.07%	0	0%	0	0%	1	0.03%	0	0%
Ineligible property - Condo Project Budget Reserves Requirement Not Met	0	0%	0	0%	0	0%	0	0%	1	0.04%	0	0%	0	0%	0	0%	0	0%	0	0%	2	0.07%	0	0%
Ineligible property - Condo Project in Litigation	0	0%	0	0%	1	0.06%	0	0%	0	0%	0	0%	1	0.06%	1	0.07%	0	0%	0	0%	0	0%	0	0%
Ineligible property - Condo	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	2	0.15%	0	0%	1	0.04%	0	0%	0	0%
Ineligible property-condo project ineligible	0	0%	0	0%	0	0%	1	0.04%	1	0.04%	0	0%	0	0%	0	0%	1	0.07%	0	0%	0	0%	0	0%
Loan Purpose Incorrect- No Cash out determined to be Cash out	0	0%	0	0%	0	0%	0	0%	1	0.04%	1	0.05%	0	0%	0	0%	1	0.07%	0	0%	0	0%	0	0%
LP Caution ineligible	0	0%	0	0%	0	0%	1	0.04%	0	0%	0	0%	0	0%	0	0%	1	0.07%	1	0.04%	0	0%	0	0%
Manufactured Housing property requirements not met - Missing HUD certification label/data plate	0	0%	0	0%	0	0%	0	0%	0	0%	1	0.05%	1	0.06%	0	0%	0	0%	1	0.04%	0	0%	0	0%
Non-LP AUS waiver requirements not met - Certificate not in file	0	0%	0	0%	1	0.06%	0	0%	1	0.04%	0	0%	0	0%	1	0.07%	0	0%	0	0%	0	0%	0	0%
Secondary financing terms - missing/insufficient	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	1	0.07%	1	0.07%	0	0%	0	0%	1	0.04%
Desktop Appraisal Requirements Not Met	0	0%	0	0%	0	0%	1	0.04%	1	0.04%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
Flood insurance requirements not met - Missing policy	0	0%	0	0%	1	0.06%	0	0%	0	0%	0	0%	0	0%	0	0%	1	0.07%	0	0%	0	0%	0	0%
Ineligible for program/offering - Refinance not allowed	0	0%	0	0%	0	0%	1	0.04%	1	0.04%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
Ineligible property-Unacceptable/illegal use/no legal access	0	0%	0	0%	0	0%	0	0%	0	0%	2	0.10%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
Loan Purpose Incorrect- Purchase disguised as refinance	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	1	0.04%	1	0.03%	0	0%
MI requirements not met - No Mortgage Insurance Coverage	0	0%	0	0%	0	0%	0	0%	1	0.04%	0	0%	0	0%	0	0%	0	0%	1	0.04%	0	0%	0	0%
Non-LP AUS waiver requirements not met - Ineligible AUS decision	0	0%	0	0%	0	0%	1	0.04%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	1	0.03%	0	0%
Second home requirements not met	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	2	0.13%	0	0%	0	0%	0	0%
ACE Requirements Not Met - Other	0	0%	0	0%	0	0%	0	0%	1	0.04%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
Appraisal Flexibility Violation	1	0.07%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
Bankruptcy documentation missing or insufficient	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	1	0.04%
HTLTV exceeds maximum allowable	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	1	0.07%	0	0%	0	0%	0	0%
Identity issue - Identity falsified	0	0%	0	0%	0	0%	0	0%	0	0%	1	0.05%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
Incomplete loan file	0	0%	0	0%	0	0%	1	0.04%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
Inelig Prop-Condo Project O/O Requirements Not Met	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	1	0.07%	0	0%	0	0%	0	0%	0	0%
Ineligible property - Not residential use	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	1	0.07%	0	0%	0	0%	0	0%
Insufficient collateral report-wrong form for property	0	0%	0	0%	0	0%	0	0%	0	0%	1	0.05%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
Insufficient Income - Income calculated incorrectly (COVID-19 Reqs)	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	1	0.03%	0	0%
Investment property requirements not met	0	0%	0	0%	0	0%	0	0%	1	0.04%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
Loan purpose Incorrect-Refinance disguised as purchase	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	1	0.07%	0	0%	0	0%	0	0%	0	0%
Loss of income source - Income discontinued after closing/prior to delivery (COVID-19 Reqs)	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	1	0.04%	0	0%	0	0%
Manufactured Housing property requirements not met - Not on permanent foundation	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	1	0.04%	0	0%	0	0%
Not valid first lien - Lien not in first position	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	1	0.04%
Original appraisal does not support value-report contains false information	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	1	0.06%	0	0%	0	0%	0	0%	0	0%	0	0%
Original loan file underwriting requirements not met	0	0%	0	0%	0	0%	0	0%	0	0%	1	0.05%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
Power of attorney requirements not met - falsified	0	0%	0	0%	0	0%	0	0%	0	0%	1	0.05%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%

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Exceptions - Number of Mortgage Loans & % of the Monthly Random Sample QC Credit Review with Completed Reviews	Nov-22		Oct-22		Sep-22		Aug-22		Jul-22		Jun-22		May-22		Apr-22		Mar-22		Feb-22		Jan-22		Dec-21	
TLTV exceeds maximum allowable	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	1	0.07%	0	0%	0	0%	0	0%
Verbal Verification of Employment Requirements Not Met	0	0%	0	0%	0	0%	0	0%	1	0.04%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
<b>Total</b>	<b>35</b>	<b>2.31%</b>	<b>58</b>	<b>5.10%</b>	<b>83</b>	<b>5.05%</b>	<b>149</b>	<b>5.76%</b>	<b>142</b>	<b>5.89%</b>	<b>108</b>	<b>5.52%</b>	<b>93</b>	<b>5.38%</b>	<b>85</b>	<b>6.23%</b>	<b>98</b>	<b>6.52%</b>	<b>113</b>	<b>4.89%</b>	<b>151</b>	<b>5.16%</b>	<b>86</b>	<b>3.80%</b>

Exceptions for Initial Cohort Pool- Number of Mortgage Loans & % of the Monthly Random Sample QC Credit Review with Completed Reviews	Nov-22		Oct-22		Sep-22		Aug-22		Jul-22		Jun-22		May-22		Apr-22		Mar-22		Feb-22		Jan-22		Dec-21	
Insufficient collateral report - Missing completion certificate	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	3	0.56%	0	0%
Insufficient Income - Income not stable/durable	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	3	0.56%	0	0%
Unable to calculate income - documentation missing/insufficient	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	3	0.56%	0	0%
Unable to calculate monthly obligations- documentation missing/insufficient	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	3	0.56%	0	0%
Closing Disclosure/HUD-I documentation missing/insufficient	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	2	0.37%	0	0%
Ineligible property - Condo Project Budget Reserves Requirement Not Met	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	2	0.37%	0	0%
Ineligible property-Health and Safety issues not addressed	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	2	0.37%	0	0%
Insufficient Income - Income not stable/durable (COVID-19 Reqs)	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	2	0.37%	0	0%
Unable to calculate income - Documentation insufficient/inadequate (COVID-19 Reqs)	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	2	0.37%	0	0%
Excessive obligations - Undisclosed non-mortgage debt	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	1	0.19%	0	0%
Ineligible property- Structural issues not addressed	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	1	0.19%	0	0%
Insufficient Income - Income calculated incorrectly	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	1	0.19%	0	0%
MI requirements not met - Missing certificate	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	1	0.19%	0	0%
OA Comparable Sales provided not the most appropriate sales available	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	1	0.19%	0	0%
<b>Total</b>	<b>0</b>	<b>0.00%</b>	<b>0</b>	<b>0.00%</b>	<b>0</b>	<b>0.00%</b>	<b>0</b>	<b>0.00%</b>	<b>0</b>	<b>0.00%</b>	<b>0</b>	<b>0.00%</b>	<b>0</b>	<b>0.00%</b>	<b>0</b>	<b>0.00%</b>	<b>0</b>	<b>0.00%</b>	<b>0</b>	<b>0.00%</b>	<b>27</b>	<b>5.00%</b>	<b>0</b>	<b>0.00%</b>

### Monthly Random Sample QC Compliance Review

As part of our post-purchase quality control review procedures, a subset of the mortgage loans we acquired was subject to a Monthly Random Sample QC Compliance Review in which we reviewed the origination documentation for compliance with certain laws that may result in assignee liability and for compliance with certain laws that restrict points and fees.

The table below provides certain information about the Underwriting Defects identified by the Monthly Random Sample QC Compliance Review as of the Quality Control Cut-off Date.

Exceptions - Number of Mortgage Loans & % of the Monthly Random Sample QC Compliance Review with Completed Reviews	Nov-22		Oct-22		Sep-22		Aug-22		Jul-22		Jun-22		May-22		Apr-22		Mar-22		Feb-22		Jan-22		Dec-21	
APL Missing anti-pred lending documents	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	1	0.40%	0	0%	0	0%	0	0%
APL Refi pts/fees > HOEPA/federal limits	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	1	0.48%
APL Violates other provision	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	1	0.48%
<b>Total</b>	<b>0</b>	<b>0.00%</b>	<b>0</b>	<b>0.00%</b>	<b>0</b>	<b>0.00%</b>	<b>0</b>	<b>0.00%</b>	<b>0</b>	<b>0.00%</b>	<b>0</b>	<b>0.00%</b>	<b>0</b>	<b>0.00%</b>	<b>0</b>	<b>0.00%</b>	<b>1</b>	<b>0.40%</b>	<b>0</b>	<b>0.00%</b>	<b>0</b>	<b>0.00%</b>	<b>2</b>	<b>0.96%</b>

Exceptions for Initial Cohort Pool- Number of Mortgage Loans & % of the Monthly Random Sample QC Compliance Review with Completed Reviews	Nov-22		Oct-22		Sep-22		Aug-22		Jul-22		Jun-22		May-22		Apr-22		Mar-22		Feb-22		Jan-22		Dec-21	
<b>Total</b>	<b>0</b>	<b>0.00%</b>	<b>0</b>	<b>0.00%</b>	<b>0</b>	<b>0.00%</b>	<b>0</b>	<b>0.00%</b>	<b>0</b>	<b>0.00%</b>	<b>0</b>	<b>0.00%</b>	<b>0</b>	<b>0.00%</b>	<b>0</b>	<b>0.00%</b>	<b>0</b>	<b>0.00%</b>	<b>0</b>	<b>0.00%</b>	<b>0</b>	<b>0.00%</b>	<b>0</b>	<b>0.00%</b>

### Monthly Random Sample QC Dual Credit and Compliance Review

As part of our post-purchase quality control review procedures, a subset of the mortgage loans we acquired was subject to a QC Dual Credit and Compliance Review in which we reviewed the origination documentation for compliance with the eligibility requirements set forth in the Guide and, if applicable, any negotiated TOBs which may have amended or modified the terms of the Guide, and for compliance with certain laws that may result in assignee liability and for compliance with certain laws that restrict points and fees.

The table below provides certain information about the Underwriting Defects identified by the Monthly Random Sample QC Dual Credit and Compliance Review as of the Quality Control Cut-off Date.

Exceptions - Number of Mortgage Loans & % of the Monthly Random Sample QC Dual Credit and Compliance Review with Completed Reviews	Nov-22		Oct-22		Sep-22		Aug-22		Jul-22		Jun-22		May-22		Apr-22		Mar-22		Feb-22		Jan-22		Dec-21	
Unable to calculate income - documentation missing/insufficient	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	1	10.00%	0	0%	0	0%	1	5.26%	0	0%	0	0%
Ineligible property-Health and Safety issues not addressed	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	1	5.26%	0	0%	0	0%
Insufficient collateral report-missing/insufficient	0	0%	0	0%	0	0%	0	0%	0	0%	1	10.00%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
Unable to calculate income - Documentation insufficient/inadequate (COVID-19 Reqs)	0	0%	1	10.00%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
<b>Total</b>	<b>0</b>	<b>0.00%</b>	<b>1</b>	<b>10.00%</b>	<b>0</b>	<b>0.00%</b>	<b>0</b>	<b>0.00%</b>	<b>0</b>	<b>0.00%</b>	<b>1</b>	<b>10.00%</b>	<b>1</b>	<b>10.00%</b>	<b>0</b>	<b>0.00%</b>	<b>0</b>	<b>0.00%</b>	<b>2</b>	<b>10.53%</b>	<b>0</b>	<b>0.00%</b>	<b>0</b>	<b>0.00%</b>

Exceptions for Initial Cohort Pool- Number of Mortgage Loans & % of the Monthly Random Sample QC Dual Credit and Compliance Review with Completed Reviews	Nov-22		Oct-22		Sep-22		Aug-22		Jul-22		Jun-22		May-22		Apr-22		Mar-22		Feb-22		Jan-22		Dec-21	
<b>Total</b>	<b>0</b>	<b>0.00%</b>	<b>0</b>	<b>0.00%</b>	<b>0</b>	<b>0.00%</b>	<b>0</b>	<b>0.00%</b>	<b>0</b>	<b>0.00%</b>	<b>0</b>	<b>0.00%</b>	<b>0</b>	<b>0.00%</b>	<b>0</b>	<b>0.00%</b>	<b>0</b>	<b>0.00%</b>	<b>0</b>	<b>0.00%</b>	<b>0</b>	<b>0.00%</b>	<b>0</b>	<b>0.00%</b>

### Monthly Targeted Sample QC Review

As part of our post-purchase quality control review procedures, a subset of the reviewed mortgage loans was subject to a Monthly Targeted Sample QC Review in which we collected data and identified errors with respect to mortgage loans that may have a higher propensity for noncompliance and/or default.



The table below provides certain information about the Underwriting Defects identified by the Monthly Targeted Sample QC Review as of the Quality Control Cut-off Date.

Exceptions - Number of Mortgage Loans & % of the Monthly Targeted Sample QC Review with Completed Reviews	Nov-22	Oct-22	Sep-22	Aug-22	Jul-22	Jun-22	May-22	Apr-22	Mar-22	Feb-22	Jan-22	Dec-21
Insufficient Income - Income calculated incorrectly	6 0.84%	2 0.39%	13 1.43%	18 1.54%	25 2.11%	14 1.30%	27 2.32%	26 2.18%	27 2.12%	34 2.29%	49 2.23%	43 2.19%
Unable to calculate income - documentation missing/insufficient	5 0.70%	2 0.39%	5 0.55%	16 1.37%	22 1.85%	12 1.11%	17 1.46%	14 1.17%	12 0.94%	17 1.14%	27 1.23%	16 0.81%
Delivered points/fees exceeds QM limit	0 0%	0 0%	0 0%	0 0%	0 0%	3 0.28%	7 0.60%	23 1.93%	11 0.86%	23 1.55%	34 1.55%	20 1.02%
Insufficient Income - Income not stable/durable	1 0.14%	2 0.39%	3 0.33%	5 0.43%	7 0.59%	11 1.02%	12 1.03%	4 0.34%	9 0.71%	4 0.27%	14 0.64%	7 0.36%
Unable to calculate income - Documentation insufficient/inadequate (COVID-19 Reqs)	2 0.28%	0 0%	1 0.11%	0 0%	6 0.51%	5 0.46%	1 0.09%	3 0.25%	7 0.55%	11 0.74%	25 1.14%	12 0.61%
Non-LP AUS waiver requirements not met - Inaccurate data invalidates AUS decision	0 0%	0 0%	3 0.33%	3 0.26%	1 0.08%	2 0.19%	1 0.09%	5 0.42%	6 0.47%	11 0.74%	12 0.55%	20 1.02%
Closing Disclosure/HUD-I documentation missing/insufficient	1 0.14%	1 0.20%	2 0.22%	2 0.17%	3 0.25%	5 0.46%	6 0.52%	4 0.34%	4 0.31%	6 0.40%	11 0.50%	7 0.36%
Occupancy falsely represented	2 0.28%	0 0%	2 0.22%	2 0.17%	4 0.34%	5 0.46%	3 0.26%	3 0.25%	4 0.31%	10 0.67%	5 0.23%	5 0.25%
Col-Condo Project Documentation Not Provided	0 0%	1 0.20%	2 0.22%	1 0.09%	4 0.34%	3 0.28%	5 0.43%	6 0.50%	5 0.39%	5 0.34%	7 0.32%	3 0.15%
Ineligible property - Condolet	0 0%	0 0%	0 0%	3 0.26%	3 0.25%	3 0.28%	3 0.26%	6 0.50%	1 0.08%	4 0.27%	9 0.41%	7 0.36%
Desktop Appraisal Requirements Not Met	0 0%	1 0.20%	1 0.11%	8 0.69%	8 0.67%	8 0.74%	3 0.26%	6 0.50%	0 0%	0 0%	0 0%	0 0%
Excessive obligations - Other payments calculated incorrectly	0 0%	0 0%	1 0.11%	1 0.09%	1 0.08%	5 0.46%	4 0.34%	2 0.17%	5 0.39%	2 0.13%	7 0.32%	6 0.31%
LP Caution ineligible	0 0%	0 0%	2 0.22%	2 0.17%	1 0.08%	1 0.09%	3 0.26%	1 0.08%	5 0.39%	2 0.13%	10 0.45%	7 0.36%
LPA Caution Lender Justification Not Provided.	0 0%	0 0%	4 0.44%	0 0%	0 0%	0 0%	4 0.34%	0 0%	2 0.16%	4 0.27%	9 0.41%	9 0.46%
Credit history/reputation requirements not met	0 0%	0 0%	1 0.11%	3 0.26%	2 0.17%	1 0.09%	1 0.09%	2 0.17%	1 0.08%	2 0.13%	12 0.55%	5 0.25%
Insufficient Income - Documentation Falsified	0 0%	0 0%	0 0%	2 0.17%	2 0.17%	4 0.37%	5 0.43%	3 0.25%	0 0%	4 0.27%	5 0.23%	4 0.20%
Ineligible property - Condo Project in Litigation	0 0%	0 0%	1 0.11%	1 0.09%	4 0.34%	2 0.19%	1 0.09%	3 0.25%	7 0.55%	5 0.34%	1 0.05%	2 0.10%
Ineligible property-Health and Safety issues not addressed	0 0%	2 0.39%	2 0.22%	0 0%	2 0.17%	5 0.46%	2 0.17%	1 0.08%	2 0.16%	4 0.27%	4 0.18%	3 0.15%
Documents to exclude debt missing/insufficient	0 0%	1 0.20%	1 0.11%	2 0.17%	1 0.08%	3 0.28%	2 0.17%	0 0%	2 0.16%	5 0.34%	3 0.14%	5 0.25%
Ineligible property - Project condition or Special assessment	0 0%	1 0.20%	1 0.11%	5 0.43%	4 0.34%	2 0.19%	4 0.34%	4 0.34%	2 0.16%	0 0%	0 0%	0 0%
Excessive obligations - Undisclosed non-mortgage debt	0 0%	0 0%	1 0.11%	1 0.09%	1 0.08%	2 0.19%	3 0.26%	1 0.08%	3 0.24%	0 0%	5 0.23%	5 0.25%
Loss of income source - Borrower not employed at closing	0 0%	0 0%	0 0%	1 0.09%	2 0.17%	3 0.28%	1 0.09%	0 0%	3 0.24%	0 0%	6 0.27%	5 0.25%
Unable to calculate monthly obligations- documentation missing/insufficient	0 0%	0 0%	2 0.22%	2 0.17%	4 0.34%	1 0.09%	3 0.26%	1 0.08%	0 0%	1 0.07%	2 0.09%	5 0.25%
Insufficient funds to close documentation missing/insufficient	0 0%	0 0%	0 0%	2 0.17%	3 0.25%	0 0%	2 0.17%	2 0.17%	2 0.16%	4 0.27%	1 0.05%	4 0.20%
Insufficient Income - Income not stable/durable (COVID-19 Reqs)	0 0%	0 0%	0 0%	0 0%	0 0%	0 0%	0 0%	1 0.08%	1 0.08%	3 0.20%	7 0.32%	8 0.41%
Excessive obligations - Housing payment calculated incorrectly	0 0%	1 0.20%	0 0%	0 0%	1 0.08%	2 0.19%	2 0.17%	0 0%	3 0.24%	3 0.20%	4 0.18%	3 0.15%
Ineligible property - C5/C6 Condition Rating	0 0%	1 0.20%	1 0.11%	3 0.26%	0 0%	1 0.09%	1 0.09%	1 0.08%	4 0.31%	1 0.07%	1 0.05%	5 0.25%
Large Deposit(s) - Source of Funds Unknown	0 0%	1 0.20%	1 0.11%	1 0.09%	1 0.08%	0 0%	3 0.26%	2 0.17%	1 0.08%	3 0.20%	3 0.14%	1 0.05%
Delivered APR/APOR exceeds QM limit	0 0%	0 0%	0 0%	0 0%	0 0%	0 0%	0 0%	0 0%	6 0.47%	0 0%	4 0.18%	6 0.31%
MI requirements not met - Missing certificate	0 0%	0 0%	0 0%	1 0.09%	2 0.17%	2 0.19%	2 0.17%	1 0.08%	1 0.08%	1 0.07%	4 0.18%	2 0.10%
Reserves do not meet minimum required - documentation missing/insufficient	0 0%	0 0%	0 0%	0 0%	1 0.08%	3 0.28%	4 0.34%	2 0.17%	3 0.24%	1 0.07%	1 0.05%	1 0.05%
Co-op Warranty Violation	4 0.56%	2 0.39%	0 0%	0 0%	0 0%	2 0.19%	0 0%	0 0%	2 0.16%	4 0.27%	0 0%	1 0.05%
Credit reputation requirements not met - Housing payment history not verified	0 0%	0 0%	0 0%	0 0%	0 0%	1 0.08%	1 0.09%	0 0%	2 0.17%	1 0.08%	2 0.13%	4 0.20%
Insufficient collateral report - Missing completion certificate	0 0%	0 0%	0 0%	1 0.09%	1 0.08%	0 0%	1 0.09%	1 0.08%	2 0.16%	5 0.34%	2 0.09%	2 0.10%
Insufficient collateral report-missing/insufficient	0 0%	0 0%	0 0%	0 0%	2 0.17%	1 0.09%	1 0.09%	0 0%	1 0.08%	4 0.27%	4 0.18%	2 0.10%
ACE Requirements Not Met - Appraisal Obtained in Connection with the Mortgage	0 0%	0 0%	1 0.11%	0 0%	1 0.08%	0 0%	0 0%	0 0%	3 0.24%	1 0.07%	1 0.05%	7 0.36%
Title/binder/policy-documentation missing/insufficient	0 0%	0 0%	1 0.11%	0 0%	0 0%	1 0.09%	1 0.09%	0 0%	2 0.16%	3 0.20%	3 0.14%	2 0.10%
Waiver eligibility requirements not met	0 0%	0 0%	0 0%	1 0.09%	1 0.08%	0 0%	2 0.17%	0 0%	1 0.08%	3 0.20%	4 0.18%	1 0.05%
Note requirement not met-missing/insufficient	0 0%	0 0%	1 0.11%	1 0.09%	1 0.08%	0 0%	0 0%	0 0%	0 0%	4 0.27%	1 0.05%	4 0.20%
Credit reputation requirements not met - Number of credit references insufficient	0 0%	0 0%	1 0.11%	3 0.26%	0 0%	2 0.19%	0 0%	0 0%	0 0%	0 0%	2 0.09%	2 0.10%
Ineligible for program/offering - Cash out not allowed	0 0%	0 0%	0 0%	2 0.17%	1 0.08%	0 0%	2 0.17%	2 0.17%	1 0.08%	1 0.07%	1 0.05%	0 0%
Ineligible property- Structural issues not addressed	0 0%	0 0%	1 0.11%	0 0%	0 0%	1 0.09%	0 0%	3 0.25%	0 0%	1 0.07%	2 0.09%	2 0.10%
Sales Contract Requirements not met - documentation missing/insufficient	0 0%	1 0.20%	0 0%	1 0.09%	2 0.17%	0 0%	1 0.09%	0 0%	1 0.08%	0 0%	2 0.09%	2 0.10%
Appraisal Flexibility Violation	0 0%	0 0%	0 0%	2 0.17%	0 0%	0 0%	0 0%	0 0%	2 0.16%	0 0%	3 0.14%	2 0.10%
Excessive obligations - Undisclosed mortgage debt	1 0.14%	0 0%	0 0%	1 0.09%	1 0.08%	0 0%	0 0%	2 0.17%	2 0.16%	1 0.07%	0 0%	1 0.05%
Ineligible for program/offering - Other	0 0%	0 0%	0 0%	0 0%	2 0.17%	0 0%	0 0%	0 0%	1 0.08%	4 0.27%	1 0.05%	1 0.05%
Ineligible property-condo project ineligible	0 0%	0 0%	0 0%	1 0.09%	2 0.17%	0 0%	1 0.09%	0 0%	0 0%	0 0%	4 0.18%	1 0.05%
Interested Party contribution exceeds max allowed	0 0%	0 0%	0 0%	0 0%	1 0.08%	0 0%	0 0%	1 0.08%	1 0.08%	2 0.13%	2 0.09%	2 0.10%
Non-LP AUS waiver requirements not met - Ineligible AUS decision	0 0%	0 0%	0 0%	1 0.09%	0 0%	0 0%	0 0%	0 0%	1 0.08%	1 0.07%	5 0.23%	1 0.05%
ACE Requirements Not Met - Non Arms Length Transaction	0 0%	0 0%	0 0%	1 0.09%	0 0%	1 0.09%	1 0.09%	2 0.17%	2 0.16%	0 0%	1 0.05%	0 0%
Additional Tax Returns Result in Excessive DTI	0 0%	1 0.20%	0 0%	1 0.09%	1 0.08%	1 0.09%	1 0.09%	1 0.08%	1 0.08%	0 0%	1 0.05%	0 0%
Exempt (Non-QM)- points & fees equal to or greater than 6%	0 0%	0 0%	0 0%	0 0%	0 0%	0 0%	0 0%	2 0.17%	2 0.16%	1 0.07%	3 0.14%	0 0%
Ineligible Property - Other	0 0%	0 0%	0 0%	2 0.17%	0 0%	2 0.19%	1 0.09%	0 0%	0 0%	1 0.07%	1 0.05%	1 0.05%
Manufactured Housing property requirements not met - Missing HUD certification label/data plate	0 0%	0 0%	0 0%	1 0.09%	0 0%	1 0.09%	2 0.17%	0 0%	2 0.16%	0 0%	1 0.05%	1 0.05%
Ineligible property - Condo Project Budget Reserves Requirement Not Met	0 0%	0 0%	0 0%	0 0%	0 0%	1 0.09%	0 0%	1 0.08%	2 0.16%	1 0.07%	1 0.05%	1 0.05%
Ineligible property - Condo Project Commercial Space > 35%	0 0%	0 0%	0 0%	0 0%	0 0%	0 0%	0 0%	1 0.08%	1 0.08%	2 0.13%	1 0.05%	2 0.10%
Loan party on exclusionary list	0 0%	0 0%	0 0%	0 0%	0 0%	0 0%	0 0%	0 0%	0 0%	2 0.13%	3 0.14%	2 0.10%

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Exceptions - Number of Mortgage Loans & % of the Monthly Targeted Sample QC Review with Completed Reviews	Nov-22		Oct-22		Sep-22		Aug-22		Jul-22		Jun-22		May-22		Apr-22		Mar-22		Feb-22		Jan-22		Dec-21	
LTV exceeds maximum allowable	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	1	0.09%	2	0.17%	1	0.08%	0	0%	1	0.05%	2	0.10%
Real estate owned taxes/insurance documentation missing/insufficient	0	0%	0	0%	0	0%	0	0%	0	0%	2	0.19%	1	0.09%	0	0%	0	0%	2	0.13%	2	0.09%	0	0%
ACE (Automated Collateral Evaluation) Requirements Not Met	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	1	0.07%	1	0.05%	4	0.20%
Borrower personal funds in transaction do not meet min req- documentation missing/insufficient	0	0%	0	0%	1	0.11%	0	0%	0	0%	1	0.09%	1	0.09%	2	0.17%	0	0%	1	0.07%	0	0%	0	0%
Credit Report missing/insufficient	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	4	0.18%	2	0.10%
Flood certification requirements not met - missing/insufficient	0	0%	0	0%	0	0%	0	0%	0	0%	1	0.09%	2	0.17%	0	0%	1	0.08%	0	0%	1	0.05%	1	0.05%
Funds to close insufficient - Ineligible source of funds to close LP requirements not met	0	0%	0	0%	0	0%	0	0%	1	0.08%	1	0.09%	0	0%	0	0%	2	0.16%	1	0.07%	1	0.05%	0	0%
Credit reputation requirements not met-documentation missing/insufficient	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	1	0.07%	3	0.14%	2	0.10%
Exempt (Non-QM)- points & fees greater than 5% and less than 6%	0	0%	0	0%	2	0.22%	0	0%	2	0.17%	0	0%	0	0%	1	0.08%	0	0%	0	0%	0	0%	0	0%
Flood insurance requirements not met - Missing policy	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	1	0.08%	1	0.08%	1	0.07%	0	0%	2	0.10%
Incorrect property type invalidates AUS decision - loan does not qualify manually	0	0%	0	0%	1	0.11%	0	0%	1	0.08%	1	0.09%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
Ineligible property - Florida Condo Project Requirements Not Met	0	0%	0	0%	0	0%	0	0%	1	0.08%	1	0.09%	0	0%	0	0%	1	0.08%	0	0%	1	0.05%	1	0.05%
Investment property requirements not met	0	0%	0	0%	0	0%	0	0%	1	0.08%	0	0%	0	0%	0	0%	0	0%	2	0.13%	1	0.05%	1	0.05%
Loan Purpose Incorrect- No Cash out determined to be Cash out	0	0%	0	0%	0	0%	1	0.09%	0	0%	0	0%	2	0.17%	0	0%	0	0%	0	0%	2	0.09%	0	0%
MI Company rescinded primary MI	0	0%	0	0%	0	0%	0	0%	1	0.08%	0	0%	0	0%	0	0%	0	0%	0	0%	2	0.09%	2	0.10%
OA Comparable Sales provided not the most appropriate sales available	0	0%	0	0%	1	0.11%	0	0%	0	0%	0	0%	0	0%	2	0.17%	0	0%	0	0%	0	0%	2	0.10%
Original appraisal does not support value-Issues/items affect value/marketability	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	1	0.08%	1	0.07%	2	0.09%	1	0.05%
Original loan file underwriting requirements not met	0	0%	0	0%	0	0%	0	0%	0	0%	1	0.09%	0	0%	0	0%	0	0%	0	0%	4	0.18%	0	0%
Self-employment not disclosed	0	0%	1	0.20%	0	0%	1	0.09%	0	0%	0	0%	0	0%	1	0.08%	0	0%	1	0.07%	0	0%	1	0.05%
Significant derogatory credit event recovery period not met	0	0%	0	0%	1	0.11%	0	0%	0	0%	0	0%	2	0.17%	1	0.08%	0	0%	0	0%	1	0.05%	0	0%
ACE Requirements Not Met - ACE+PDR	1	0.14%	1	0.20%	2	0.22%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
Bankruptcy documentation missing or insufficient	0	0%	0	0%	0	0%	0	0%	0	0%	1	0.09%	0	0%	0	0%	1	0.08%	1	0.07%	0	0%	1	0.05%
Loan file not received	0	0%	2	0.39%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	1	0.08%	1	0.07%	0	0%	0	0%
MI requirements not met - No Mortgage Insurance Coverage	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	2	0.16%	0	0%	1	0.05%	1	0.05%
Non-LP AUS waiver requirements not met - Does not have AUS waiver	0	0%	0	0%	0	0%	2	0.17%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	1	0.05%	1	0.05%
Not valid first lien - Documentation missing	0	0%	1	0.20%	0	0%	0	0%	0	0%	0	0%	1	0.09%	0	0%	1	0.08%	1	0.07%	0	0%	0	0%
TLTV exceeds maximum allowable	0	0%	0	0%	0	0%	0	0%	1	0.08%	0	0%	0	0%	2	0.17%	0	0%	1	0.07%	0	0%	0	0%
Closing Disclosure/HUD-I documentation - falsified	0	0%	0	0%	0	0%	0	0%	2	0.17%	0	0%	0	0%	1	0.08%	0	0%	0	0%	0	0%	0	0%
Incomplete Improvements - Escrow Requirements Not Met	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	1	0.08%	2	0.16%	0	0%	0	0%	0	0%
Insufficient Reserves/Funds to Close-Doc Falsified	0	0%	0	0%	0	0%	0	0%	0	0%	1	0.09%	0	0%	0	0%	0	0%	1	0.07%	1	0.05%	0	0%
Loan Purpose Incorrect- Purchase disguised as refinance	0	0%	0	0%	0	0%	0	0%	0	0%	1	0.09%	0	0%	1	0.08%	0	0%	0	0%	0	0%	1	0.05%
MI requirements not met - Insufficient Mortgage insurance coverage	0	0%	0	0%	0	0%	1	0.09%	0	0%	0	0%	0	0%	1	0.08%	0	0%	0	0%	0	0%	1	0.05%
Non-LP AUS waiver requirements not met - Certificate not in file	0	0%	0	0%	0	0%	0	0%	0	0%	1	0.09%	1	0.09%	0	0%	1	0.08%	0	0%	0	0%	0	0%
Secondary financing terms - missing/insufficient	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	1	0.07%	0	0%	2	0.10%
Seller/borrower not owner of record	0	0%	0	0%	0	0%	0	0%	0	0%	1	0.09%	0	0%	0	0%	0	0%	0	0%	0	0%	2	0.10%
Third party source of verification of self employment- documentation missing/Insufficient	1	0.14%	0	0%	0	0%	1	0.09%	0	0%	0	0%	0	0%	1	0.08%	0	0%	0	0%	0	0%	0	0%
ACE Requirements Not Met - Other	0	0%	0	0%	0	0%	1	0.09%	0	0%	0	0%	0	0%	0	0%	0	0%	1	0.07%	0	0%	0	0%
ACE Requirements Not Met - Property Condition	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	1	0.09%	0	0%	0	0%	0	0%	0	0%	1	0.05%
Cash back exceeds limit	0	0%	0	0%	0	0%	1	0.09%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	1	0.05%	0	0%
DOC-Inconclusive Foreclosure or Short Sale Documentation	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	1	0.09%	0	0%	1	0.08%	0	0%	0	0%	0	0%
Identity issue - Identity falsified	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	2	0.10%
Ineligible Property- Property damage due to natural disaster	0	0%	0	0%	1	0.11%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	1	0.07%	0	0%	0	0%
Insufficient collateral report-wrong form for property	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	1	0.09%	0	0%	0	0%	0	0%	1	0.05%	0	0%
Insufficient Income - Income calculated incorrectly (COVID-19 Reqs)	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	1	0.08%	0	0%	1	0.05%	0	0%
Loan Application-documentation missing/insufficient	0	0%	0	0%	0	0%	1	0.09%	0	0%	0	0%	0	0%	0	0%	1	0.08%	0	0%	0	0%	0	0%
LPA Accept required on Investment Property and Second Home	0	0%	0	0%	1	0.11%	0	0%	0	0%	1	0.09%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
Manufactured Housing property requirements not met - Unapproved structural modifications	0	0%	0	0%	0	0%	1	0.09%	0	0%	0	0%	0	0%	0	0%	0	0%	1	0.07%	0	0%	0	0%
Mortgage in default at delivery	0	0%	0	0%	0	0%	1	0.09%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	1	0.05%
Appraiser License Suspended/Revoked	0	0%	0	0%	0	0%	1	0.09%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
Collateral - Insufficient Collateral Report - Report contains falsified info	0	0%	0	0%	1	0.11%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
Credit not re-established since significant derogs	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	1	0.08%	0	0%	0	0%	0	0%	0	0%
Credit score does not meet minimum required	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	1	0.08%	0	0%	0	0%	0	0%	0	0%
Excessive obligations - Documents to exclude debt falsified	0	0%	0	0%	0	0%	0	0%	0	0%	1	0.09%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
Flood insurance requirements not met - No flood insurance coverage	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	1	0.05%	0	0%
Guide eligibility requirements not met	0	0%	0	0%	0	0%	1	0.08%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
HTLTV exceeds maximum allowable	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	1	0.08%	0	0%	0	0%	0	0%	0	0%
Ineligible Property - Condo Project O/O Requirements Not Met	0	0%	0	0%	0	0%	0	0%	0	0%	1	0.09%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
Ineligible Property - Condo Project Presale Requirements Not Met	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	1	0.05%
Ineligible property - Condo Project with Excessive Delinquent HOA Dues	0	0%	0	0%	0	0%	0	0%	0	0%	1	0.09%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%

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Exceptions - Number of Mortgage Loans & % of the Monthly Targeted Sample QC Review with Completed Reviews	Nov-22		Oct-22		Sep-22		Aug-22		Jul-22		Jun-22		May-22		Apr-22		Mar-22		Feb-22		Jan-22		Dec-21	
Ineligible property - Not residential use	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	1	0.07%	0	0%	0	0%
Ineligible property - Q6 Quality Rating	0	0%	0	0%	0	0%	1	0.09%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
Insufficient Income - Illegal income type	0	0%	0	0%	0	0%	0	0%	1	0.08%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
Lender Justification for Less Than 24 Months Income Stability Not Provided.	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	1	0.05%
Loss of income source - Income discontinued after closing/prior to delivery	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	1	0.05%
Not valid first lien - Lien not in first position	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	1	0.07%	0	0%	0	0%
Note requirement not met-falsified	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	1	0.08%	0	0%	0	0%	0	0%	0	0%
Original appraisal does not support value-report contains false information	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	1	0.05%
Power of attorney requirements not met - falsified	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	1	0.09%	0	0%	0	0%	0	0%	0	0%	0	0%
Second home requirements not met	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	1	0.08%	0	0%	0	0%	0	0%	0	0%
Title/binder/policy-documentation-falsified	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	1	0.08%	0	0%	0	0%	0	0%	0	0%
Verbal Verification of Employment Requirements Not Met	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	1	0.09%	0	0%	0	0%	0	0%	0	0%	0	0%
<b>Total</b>	<b>24</b>	<b>3.36%</b>	<b>25</b>	<b>4.90%</b>	<b>66</b>	<b>7.24%</b>	<b>117</b>	<b>10.03%</b>	<b>147</b>	<b>12.39%</b>	<b>139</b>	<b>12.87%</b>	<b>163</b>	<b>14.02%</b>	<b>168</b>	<b>14.07%</b>	<b>190</b>	<b>14.94%</b>	<b>236</b>	<b>15.88%</b>	<b>368</b>	<b>16.73%</b>	<b>308</b>	<b>15.67%</b>

Exceptions for Initial Cohort Pool- Number of Mortgage Loans & % of the Monthly Targeted Sample QC Review with Completed Reviews	Nov-22		Oct-22		Sep-22		Aug-22		Jul-22		Jun-22		May-22		Apr-22		Mar-22		Feb-22		Jan-22		Dec-21	
Insufficient Income - Income calculated incorrectly	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	10	1.76%	0	0%
Delivered points/fees exceeds QM limit	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	8	1.41%	0	0%
LPA Caution Lender Justification Not Provided.	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	7	1.23%	0	0%
Unable to calculate income - documentation missing/insufficient	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	5	0.88%	0	0%
LP Caution ineligible	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	4	0.71%	0	0%
MI requirements not met - Missing certificate	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	4	0.71%	0	0%
Closing Disclosure/HUD-I documentation missing/insufficient	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	3	0.53%	0	0%
Col-Condo Project Documentation Not Provided	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	3	0.53%	0	0%
Ineligible property-Health and Safety issues not addressed	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	3	0.53%	0	0%
Insufficient Income - Income not stable/durable	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	3	0.53%	0	0%
Occupancy falsely represented	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	3	0.53%	0	0%
Unable to calculate income - Documentation insufficient/inadequate (COVID-19 Reqs)	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	3	0.53%	0	0%
Appraisal Flexibility Violation	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	2	0.35%	0	0%
Excessive obligations - Undisclosed non-mortgage debt	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	2	0.35%	0	0%
Insufficient Income - Income not stable/durable (COVID-19 Reqs)	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	2	0.35%	0	0%
Large Deposit(s) - Source of Funds Unknown	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	2	0.35%	0	0%
MI Company rescinded primary MI	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	2	0.35%	0	0%
ACE Requirements Not Met - Non Arms Length Transaction	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	1	0.18%	0	0%
Credit history/reputation requirements not met	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	1	0.18%	0	0%
Credit reputation requirements not met - Housing payment history not verified	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	1	0.18%	0	0%
Credit reputation requirements not met - Number of credit references insufficient	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	1	0.18%	0	0%
Flood certification requirements not met - missing/insufficient	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	1	0.18%	0	0%
Funds to close insufficient - Ineligible source of funds to close	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	1	0.18%	0	0%
Ineligible for program/offering - Other	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	1	0.18%	0	0%
Ineligible property - Condo Project Budget Reserves Requirement Not Met	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	1	0.18%	0	0%
Ineligible property - Condo/condotel	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	1	0.18%	0	0%
Ineligible property- Structural issues not addressed	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	1	0.18%	0	0%
Insufficient collateral report-wrong form for property	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	1	0.18%	0	0%
Insufficient Income - Documentation Falsified	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	1	0.18%	0	0%
Interested Party contribution exceeds max allowed	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	1	0.18%	0	0%
Loss of income source - Borrower not employed at closing	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	1	0.18%	0	0%
LP requirements not met	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	1	0.18%	0	0%
LTV exceeds maximum allowable	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	1	0.18%	0	0%
Non-LP AUS waiver requirements not met - Inaccurate data invalidates AUS decision	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	1	0.18%	0	0%
Original loan file underwriting requirements not met	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	1	0.18%	0	0%
Real estate owned taxes/insurance documentation missing/insufficient	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	1	0.18%	0	0%
<b>Total</b>	<b>0</b>	<b>0.00%</b>	<b>0</b>	<b>0.00%</b>	<b>0</b>	<b>0.00%</b>	<b>0</b>	<b>0.00%</b>	<b>0</b>	<b>0.00%</b>	<b>0</b>	<b>0.00%</b>	<b>0</b>	<b>0.00%</b>	<b>0</b>	<b>0.00%</b>	<b>0</b>	<b>0.00%</b>	<b>0</b>	<b>0.00%</b>	<b>85</b>	<b>14.99%</b>	<b>0</b>	<b>0.00%</b>

### ***Servicing Remedy Management***

As a routine part of our single family mortgage operations business, we may refer mortgage loans to our Servicing Remedy Management team to determine whether a Minor Servicing Defect or a Major Servicing Defect exists and for remediation of certain servicing related deficiencies. The Servicing Remedy Management team may recommend various remedies for servicing-related deficiencies, including make-whole payments, indemnification payments and repurchases of the related mortgage loans.

The table below provides certain information about the exceptions identified by our Servicing Remedy Management team as of the Quality Control Cut-off Date.

Exceptions - Number of Mortgage Loans that Met Preliminary Eligibility Criteria and Were Referred to Servicing Remedy Management Monthly & Exception %	Nov-22		Oct-22		Sep-22		Aug-22		Jul-22		Jun-22		May-22		Apr-22		Mar-22		Feb-22		Jan-22		Dec-21	
Total	0	0.00%	0	0.00%	0	0.00%	0	0.00%	0	0.00%	0	0.00%	0	0.00%	0	0.00%	0	0.00%	0	0.00%	0	0.00%	0	0.00%

Exceptions - Number of Mortgage Loans in the Initial Cohort Pool that Were Referred to Servicing Remedy Management Monthly & Exception %	Nov-22		Oct-22		Sep-22		Aug-22		Jul-22		Jun-22		May-22		Apr-22		Mar-22		Feb-22		Jan-22		Dec-21	
Total	0	0.00%	0	0.00%	0	0.00%	0	0.00%	0	0.00%	0	0.00%	0	0.00%	0	0.00%	0	0.00%	0	0.00%	0	0.00%	0	0.00%

## Third-Party Due Diligence Review

### General

As part of our post-purchase quality control review procedures, we have retained Third-Party Diligence Providers to conduct a review of certain aspects of a small and limited subset of the mortgage loans we acquired that met the Preliminary Eligibility Criteria.

The Third-Party Diligence Providers were limited to randomly selecting the Monthly Diligence Sample from the Monthly Available Sample. The Monthly Available Sample consists of mortgage loans that were previously selected for review by us as part of our Monthly Random Sample QC Selection, as described under “— *Results of Freddie Mac Quality Control*”, subject to footnote (1) in the table below. Investors should review the Risk Factors set forth under “*Risk Factors — Risks Related to the Notes Being Linked to the Reference Pool — Due Diligence and Quality Control Processes Are Limited*” and also review “*Limitations of the Third-Party Diligence Providers’ Review Process*” below for further information regarding the review process and the limitations relating thereto.

The table below provides certain information about the mortgage loans we acquired that were subject to the Third-Party Due Diligence Review.

Sample Type	Nov-22	Oct-22	Sep-22	Aug-22	Jul-22	Jun-22	May-22	Apr-22	Mar-22	Feb-22	Jan-22	Dec-21
Monthly Available Sample <sup>(1)</sup>	1,776	1,366	1,875	2,836	2,670	2,206	1,910	1,511	1,765	2,569	3,219	2,479
Monthly Credit Review Sample	392	392	393	390	390	392	391	397	394	388	393	392
Mortgage Loans That Were in Monthly Credit Review Sample And Are Mortgage Loans in the Initial Cohort Pool	0	0	0	0	0	0	0	0	0	0	89	0
Monthly Compliance Review Sample	102	102	103	100	100	102	101	94	104	98	103	104
Mortgage Loans That Were in Monthly Compliance Review Sample And Are Mortgage Loans in the Initial Cohort Pool	0	0	0	0	0	0	0	0	0	0	23	0
Monthly Dual Review Sample	8	8	7	10	10	8	9	3	6	12	7	8
Mortgage Loans That Were in Monthly Dual Review Sample And Are Mortgage Loans in the Initial Cohort Pool	0	0	0	0	0	0	0	0	0	0	0	0
<b>Monthly Diligence Sample (total)<sup>(2)</sup></b>	<b>502</b>	<b>502</b>	<b>503</b>	<b>500</b>	<b>500</b>	<b>502</b>	<b>501</b>	<b>494</b>	<b>504</b>	<b>498</b>	<b>503</b>	<b>504</b>
<b>Mortgage Loans That Were in Monthly Diligence Sample (total)<sup>(2)</sup> And Are Mortgage Loans in the Initial Cohort Pool</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>112</b>	<b>0</b>

(1) Subsequent to providing the January 2022 Available Sample to the Third-Party Diligence Provider, 4 mortgage loans were moved from the Random Sample QC Credit Review to the Random Sample QC Dual Credit and Compliance Review. The reviews for these 4 mortgage loans are complete and these mortgage loans do not have a finding of Underwriting Defect or Unconfirmed Underwriting Defect. None of these mortgage loans are in the Initial Cohort Pool or in the Reference Pool. It should be noted that the Monthly Available Sample for January 2022 and the Initial Cohort Pool are comprised of mortgage loans that were securitized in PCs in January 2022.

(2) The Third-Party Diligence Providers have completed reviews of the mortgage loans that were in the Monthly Diligence Sample.

### Credit Reviews

The Third-Party Diligence Providers employed the processes and procedures to which we agreed to review the mortgage loans in the combined Monthly Credit Review Sample and Monthly Dual Review Sample. These processes and procedures included reviewing the terms of the mortgage loans and the information in the related loan files in order to assess whether the mortgage loans complied with our eligibility requirements set forth in the Guide and, if applicable, any negotiated TOBs which may have amended or modified the terms of the Guide.



The table below provides certain information about the most significant exceptions identified by the Third-Party Diligence Providers. Mortgage loans that did not meet our contractual requirements, as identified by the Third-Party Diligence Providers, were excluded from the Reference Pool.

Exceptions - Number of Mortgage Loans & % of the Combined Monthly Credit Review Sample and Monthly Dual Review Sample	Nov-22	Oct-22	Sep-22	Aug-22	Jul-22	Jun-22	May-22	Apr-22	Mar-22	Feb-22	Jan-22	Dec-21
Combined Monthly Credit Review Sample and Monthly Dual Review Sample	400	400	400	400	400	400	400	400	400	400	400	400
Income Documentation	3 0.75%	2 0.50%	4 1.00%	0 0.00%	1 0.25%	1 0.25%	1 0.25%	2 0.50%	3 0.75%	1 0.25%	4 1.00%	3 0.75%
Income Calculation/DTI	2 0.50%	3 0.75%	1 0.25%	2 0.50%	1 0.25%	3 0.75%	3 0.75%	2 0.50%	2 0.50%	0 0.00%	0 0.00%	1 0.25%
Liability Documentation	3 0.75%	4 1.00%	1 0.25%	2 0.50%	2 0.50%	1 0.25%	0 0.00%	0 0.00%	0 0.00%	0 0.00%	0 0.00%	1 0.25%
Asset Documentation	4 1.00%	2 0.50%	3 0.75%	2 0.50%	1 0.25%	2 0.50%	2 0.50%	1 0.25%	1 0.25%	1 0.25%	2 0.50%	1 0.25%
Liability Calculation/DTI	1 0.25%	1 0.25%	2 0.50%	2 0.50%	1 0.25%	3 0.75%	2 0.50%	3 0.75%	2 0.50%	1 0.25%	3 0.75%	1 0.25%
Property Eligibility	2 0.50%	1 0.25%	0 0.00%	2 0.50%	0 0.00%	0 0.00%	0 0.00%	0 0.00%	0 0.00%	0 0.00%	0 0.00%	0 0.00%
Legal Documentation	0 0.00%	0 0.00%	0 0.00%	0 0.00%	0 0.00%	1 0.25%	0 0.00%	0 0.00%	0 0.00%	0 0.00%	0 0.00%	0 0.00%
Mortgage Eligibility	0 0.00%	1 0.25%	0 0.00%	0 0.00%	0 0.00%	0 0.00%	0 0.00%	0 0.00%	0 0.00%	1 0.25%	0 0.00%	0 0.00%
Collateral Documentation	3 0.75%	1 0.25%	0 0.00%	0 0.00%	0 0.00%	0 0.00%	0 0.00%	0 0.00%	0 0.00%	0 0.00%	0 0.00%	0 0.00%
Credit Documentation	0 0.00%	0 0.00%	0 0.00%	0 0.00%	0 0.00%	0 0.00%	1 0.25%	0 0.00%	0 0.00%	0 0.00%	0 0.00%	0 0.00%
<b>Total</b>	<b>18 4.50%</b>	<b>15 3.75%</b>	<b>11 2.75%</b>	<b>10 2.50%</b>	<b>6 1.50%</b>	<b>11 2.75%</b>	<b>9 2.25%</b>	<b>8 2.00%</b>	<b>8 2.00%</b>	<b>4 1.00%</b>	<b>9 2.25%</b>	<b>7 1.75%</b>

Exceptions for Initial Cohort Pool - Number of Mortgage Loans & % of the Combined Monthly Credit Review Sample and Monthly Dual Review Sample	Nov-22	Oct-22	Sep-22	Aug-22	Jul-22	Jun-22	May-22	Apr-22	Mar-22	Feb-22	Jan-22	Dec-21
Combined Monthly Credit Review Sample and Monthly Dual Review Sample	0	0	0	0	0	0	0	0	0	0	89	0
Income Documentation	0 0.00%	0 0.00%	0 0.00%	0 0.00%	0 0.00%	0 0.00%	0 0.00%	0 0.00%	0 0.00%	0 0.00%	2 2.25%	0 0.00%
Income Calculation/DTI	0 0.00%	0 0.00%	0 0.00%	0 0.00%	0 0.00%	0 0.00%	0 0.00%	0 0.00%	0 0.00%	0 0.00%	0 0.00%	0 0.00%
Liability Documentation	0 0.00%	0 0.00%	0 0.00%	0 0.00%	0 0.00%	0 0.00%	0 0.00%	0 0.00%	0 0.00%	0 0.00%	0 0.00%	0 0.00%
Asset Documentation	0 0.00%	0 0.00%	0 0.00%	0 0.00%	0 0.00%	0 0.00%	0 0.00%	0 0.00%	0 0.00%	0 0.00%	0 0.00%	0 0.00%
Liability Calculation/DTI	0 0.00%	0 0.00%	0 0.00%	0 0.00%	0 0.00%	0 0.00%	0 0.00%	0 0.00%	0 0.00%	0 0.00%	0 0.00%	0 0.00%
Property Eligibility	0 0.00%	0 0.00%	0 0.00%	0 0.00%	0 0.00%	0 0.00%	0 0.00%	0 0.00%	0 0.00%	0 0.00%	0 0.00%	0 0.00%
Legal Documentation	0 0.00%	0 0.00%	0 0.00%	0 0.00%	0 0.00%	0 0.00%	0 0.00%	0 0.00%	0 0.00%	0 0.00%	0 0.00%	0 0.00%
Mortgage Eligibility	0 0.00%	0 0.00%	0 0.00%	0 0.00%	0 0.00%	0 0.00%	0 0.00%	0 0.00%	0 0.00%	0 0.00%	0 0.00%	0 0.00%
Collateral Documentation	0 0.00%	0 0.00%	0 0.00%	0 0.00%	0 0.00%	0 0.00%	0 0.00%	0 0.00%	0 0.00%	0 0.00%	0 0.00%	0 0.00%
Credit Documentation	0 0.00%	0 0.00%	0 0.00%	0 0.00%	0 0.00%	0 0.00%	0 0.00%	0 0.00%	0 0.00%	0 0.00%	0 0.00%	0 0.00%
<b>Total</b>	<b>0 0.00%</b>	<b>0 0.00%</b>	<b>0 0.00%</b>	<b>0 0.00%</b>	<b>0 0.00%</b>	<b>0 0.00%</b>	<b>0 0.00%</b>	<b>0 0.00%</b>	<b>0 0.00%</b>	<b>0 0.00%</b>	<b>2 2.25%</b>	<b>0 0.00%</b>

### Property Valuations

The Third-Party Diligence Providers obtained property valuations as of the original appraisal date for the mortgage loans in the Monthly Credit Review Sample and the Monthly Dual Review Sample. The Third-Party Diligence Providers ordered property valuations through the Third-Party Diligence Providers' AVM, which did not utilize interior or exterior property inspections of the properties and were not performed by certified licensed appraisers in accordance with the USPAP. The results of these retrospective valuations were compared to the original appraised values for those mortgage loans. In any given sample, an AVM valuation may not be available due to the lack of available data in the property location area.

From this comparison, the Third-Party Diligence Providers ordered appraisal risk reviews for mortgage loans with AVM results of greater than negative variance of 10% from the original appraised value and for mortgage loans for which an AVM was not obtained due to the lack of available data in the property location area, and compared the appraisal risk reviews to the original appraised values for such mortgage loans. An appraisal risk review consists of a valuation analysis whereby the appraiser makes a separate selection of comparable sales, which may or may not be the same as those used in the original appraisal, and, using a rules-based valuation model, makes an independent determination as to whether the original appraised value is supported. For ACE mortgage loans, an appraisal risk review also includes a property inspection, an ADI that includes pictures of the related mortgaged property taken by real estate agents, or a Form 2055 Appraisal.

In any given sample, the Third-Party Diligence Providers may not be able to obtain an appraisal risk review due to excessive turn times or lack of appraiser/real estate agent availability or due to the rural location of the property. For ACE mortgage loans that fall into this category, an appraiser-assisted AVM can be utilized in an attempt to obtain a further developed valuation for the property.

The Third-Party Diligence Providers then ordered an independent field review for the non-ACE mortgage loans with an appraisal risk review with negative variance of over 10% from the original appraised value and for the mortgage loans with respect to which the Third-Party Diligence Providers were unable to obtain an appraisal risk review due to the lack of available data in the property location area, and compared the independent field reviews to the original appraised values for such mortgage loans. The reviews were performed by a licensed review appraiser who completed the field review reports that included an onsite property inspection in accordance with USPAP. For ACE mortgage loans no additional field reviews were obtained and the results from the appraisal risk review were determined as final. Investors should expect that to the extent valuation variances as described in this section are identified in the future with respect to any other Reference Obligations, such valuation variances will not be treated as Underwriting Defects, unless stated otherwise.

The table below provides results of the property valuation reviews by the Third-Party Diligence Providers. Mortgage loans that did not meet our contractual requirements, as identified by the Third-Party Diligence Providers, were excluded from the Reference Pool.

Third-Party Diligence Providers' Valuation Review Result	Nov-22	Oct-22	Sep-22	Aug-22	Jul-22	Jun-22	May-22	Apr-22	Mar-22	Feb-22	Jan-22	Dec-21
Monthly Credit Review Sample Non-ACE Mortgage Loans	268	277	271	255	269	270	272	276	274	259	282	299
Number of Exceptions	0	1	0	0	0	1	1	1	1	1	1	0
Exceptions as % of Valuation Reviews	0.00%	0.36%	0.00%	0.00%	0.00%	0.37%	0.37%	0.36%	0.36%	0.39%	0.35%	0.00%
Monthly Credit Review Sample ACE Mortgage Loans	124	115	122	135	121	122	119	121	120	129	111	93
Number of Exceptions	1	1	3	4	6	2	4	1	1	6	5	4
Exceptions as % of Valuation Reviews	0.81%	0.87%	2.46%	2.96%	4.96%	1.64%	3.36%	0.83%	0.83%	4.65%	4.50%	4.30%
Monthly Dual Review Sample Non-ACE Mortgage Loans	7	8	6	9	10	8	9	2	3	10	7	6
Number of Exceptions	0	0	0	0	0	0	0	0	0	0	0	0
Exceptions as % of Valuation Reviews	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Monthly Dual Review Sample ACE Mortgage Loans	1	0	1	1	0	0	0	1	3	2	0	2
Number of Exceptions	0	0	0	0	0	0	0	0	0	0	0	0
Exceptions as % of Valuation Reviews	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
<b>Total Valuation Reviews</b>	<b>400</b>	<b>400</b>	<b>400</b>	<b>400</b>	<b>400</b>	<b>400</b>	<b>400</b>	<b>400</b>	<b>400</b>	<b>400</b>	<b>400</b>	<b>400</b>
<b>Total Number of Valuation Exceptions</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>6</b>	<b>3</b>	<b>5</b>	<b>2</b>	<b>2</b>	<b>7</b>	<b>6</b>	<b>4</b>
<b>Total Valuation Exceptions as % of Total Valuation Reviews</b>	<b>0.25%</b>	<b>0.50%</b>	<b>0.75%</b>	<b>1.00%</b>	<b>1.50%</b>	<b>0.75%</b>	<b>1.25%</b>	<b>0.50%</b>	<b>0.50%</b>	<b>1.75%</b>	<b>1.50%</b>	<b>1.00%</b>

Third-Party Diligence Providers' Valuation Review Result for Initial Cohort Pool	Nov-22	Oct-22	Sep-22	Aug-22	Jul-22	Jun-22	May-22	Apr-22	Mar-22	Feb-22	Jan-22	Dec-21
Monthly Credit Review Sample Non-ACE Mortgage Loans	0	0	0	0	0	0	0	0	0	0	86	0
Number of Exceptions	0	0	0	0	0	0	0	0	0	0	0	0
Exceptions as % of Valuation Reviews	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Monthly Credit Review Sample ACE Mortgage Loans	0	0	0	0	0	0	0	0	0	0	3	0
Number of Exceptions	0	0	0	0	0	0	0	0	0	0	0	0
Exceptions as % of Valuation Reviews	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Monthly Dual Review Sample Non-ACE Mortgage Loans	0	0	0	0	0	0	0	0	0	0	0	0
Number of Exceptions	0	0	0	0	0	0	0	0	0	0	0	0
Exceptions as % of Valuation Reviews	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Monthly Dual Review Sample ACE Mortgage Loans	0	0	0	0	0	0	0	0	0	0	0	0
Number of Exceptions	0	0	0	0	0	0	0	0	0	0	0	0
Exceptions as % of Valuation Reviews	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
<b>Total Valuation Reviews</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>89</b>	<b>0</b>
<b>Total Number of Valuation Exceptions</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Total Valuation Exceptions as % of Total Valuation Reviews</b>	<b>0.00%</b>	<b>0.00%</b>	<b>0.00%</b>	<b>0.00%</b>	<b>0.00%</b>	<b>0.00%</b>	<b>0.00%</b>	<b>0.00%</b>	<b>0.00%</b>	<b>0.00%</b>	<b>0.00%</b>	<b>0.00%</b>

## Compliance Reviews

The Third-Party Diligence Providers reviewed the mortgage loans in the combined Monthly Compliance Review Sample and the Monthly Dual Review Sample for compliance with certain federal, state and local laws and regulations.

As noted above, as part of our quality control review, our compliance review is limited to assessing mortgage loans to determine whether the mortgage loans comply with certain laws that may result in assignee liability and for compliance with certain laws restricting points and fees. As our compliance review does not include examination of documents to ensure that mortgage loans comply with all laws, investors should note that only mortgage loans that are identified as violating certain laws that may result in assignee liability or that restrict points and fees will be treated as having Underwriting Defects. See “*Risk Factors — Risks Related to the Notes Being Linked to the Reference Pool — Due Diligence and Quality Control Processes Are Limited*”.

The table below provides certain information about the exceptions that were identified by the Third-Party Diligence Providers’ compliance reviews. Mortgage loans that did not meet our contractual requirements, as identified by the Third-Party Diligence Providers, were excluded from the Reference Pool.

Exceptions - Number of Mortgage Loans & % of the Combined Monthly Compliance Review Sample & Monthly Dual Review Sample	Nov-22		Oct-22		Sep-22		Aug-22		Jul-22		Jun-22		May-22		Apr-22		Mar-22		Feb-22		Jan-22		Dec-21	
Combined Monthly Compliance Review Sample & Monthly Dual Review Sample	110		110		110		110		110		110		110		97		110		110		110		112	
None	0	0.00%	0	0.00%	0	0.00%	0	0.00%	0	0.00%	0	0.00%	0	0.00%	0	0.00%	0	0.00%	0	0.00%	0	0.00%	0	0.00%
<b>Total</b>	<b>0</b>	<b>0.00%</b>	<b>0</b>	<b>0.00%</b>	<b>0</b>	<b>0.00%</b>	<b>0</b>	<b>0.00%</b>	<b>0</b>	<b>0.00%</b>	<b>0</b>	<b>0.00%</b>	<b>0</b>	<b>0.00%</b>	<b>0</b>	<b>0.00%</b>	<b>0</b>	<b>0.00%</b>	<b>0</b>	<b>0.00%</b>	<b>0</b>	<b>0.00%</b>	<b>0</b>	<b>0.00%</b>

Exceptions for Initial Cohort Pool - Number of Mortgage Loans & % of the Combined Monthly Compliance Review Sample & Monthly Dual Review Sample	Nov-22		Oct-22		Sep-22		Aug-22		Jul-22		Jun-22		May-22		Apr-22		Mar-22		Feb-22		Jan-22		Dec-21	
Combined Monthly Compliance Review Sample & Monthly Dual Review Sample	0		0		0		0		0		0		0		0		0		0		23		0	
None	0	0.00%	0	0.00%	0	0.00%	0	0.00%	0	0.00%	0	0.00%	0	0.00%	0	0.00%	0	0.00%	0	0.00%	0	0.00%	0	0.00%
<b>Total</b>	<b>0</b>	<b>0.00%</b>	<b>0</b>	<b>0.00%</b>	<b>0</b>	<b>0.00%</b>	<b>0</b>	<b>0.00%</b>	<b>0</b>	<b>0.00%</b>	<b>0</b>	<b>0.00%</b>	<b>0</b>	<b>0.00%</b>	<b>0</b>	<b>0.00%</b>	<b>0</b>	<b>0.00%</b>	<b>0</b>	<b>0.00%</b>	<b>0</b>	<b>0.00%</b>	<b>0</b>	<b>0.00%</b>

## Data Integrity Review

We prepared a mortgage loan data tape that included certain characteristics of the mortgage loans we acquired that met the Preliminary Eligibility Criteria. That data tape, including any adjustments we made, was used to generate the statistical information regarding the Reference Obligations included in this Memorandum. Results from the Third-Party Diligence Providers' data integrity review described below for the mortgage loans in the Monthly Credit Review Sample and the Monthly Dual Review Sample were formatted by us to conform to our data standards.

A comparison of certain fields on the data tape was performed by the Third-Party Diligence Providers solely with respect to the mortgage loans in the combined Monthly Credit Review Sample and Monthly Dual Review Sample. This comparison was performed with respect to the following mortgage loan characteristics (not including loan identifier): original CLTV, Credit Score, first payment date, loan purpose, maturity date, number of borrowers, number of units, occupancy status, original LTV, original unpaid principal balance, original interest rate, property type, property state, original DTI, amortization type, postal code, first time homebuyer, prepayment penalty indicator, original loan term, mortgage insurance percentage and mortgage insurance type.

The table below provides certain information about the mortgage loans that were subject to the Third-Party Diligence Providers' data integrity review. A full list of data discrepancies, exclusive of original DTI discrepancies with differences that were greater than or equal to 2% and less than or equal to 5% either way, is set forth in Appendix B.

Third-Party Diligence Providers' Data Integrity Review Result	Nov-22	Oct-22	Sep-22	Aug-22	Jul-22	Jun-22	May-22	Apr-22	Mar-22	Feb-22	Jan-22	Dec-21
Combined Monthly Credit Review Sample and Monthly Dual Review Sample	400	400	400	400	400	400	400	400	400	400	400	400
Number of Mortgage Loans with Discrepancies <sup>(1)</sup>	43	39	23	16	14	33	36	57	29	23	26	32
Number of Mortgage Loans With Original DTI discrepancies greater than or equal to 2% and less than or equal to 5% either way, with Non-DTI Discrepancies	0	0	1	0	1	2	2	0	0	0	0	0
Number of Mortgage Loans With Original DTI discrepancies greater than or equal to 2% and less than or equal to 5% either way <sup>(1)</sup>	6	4	2	2	4	18	12	8	6	2	7	3
% of Mortgage Loans with Discrepancies	12.25%	10.75%	6.50%	4.50%	4.75%	13.25%	12.50%	16.25%	8.75%	6.25%	8.25%	8.75%
Number of Discrepancies	45	42	24	19	16	37	40	86	30	23	27	33
Number of Discrepancies With Original DTI discrepancies greater than or equal to 2% and less than or equal to 5% either way <sup>(1)</sup>	6	4	3	2	5	20	14	8	6	2	7	3
% of Mortgage Loans with Discrepancies <sup>(2)</sup>	0.61%	0.55%	0.32%	0.25%	0.25%	0.68%	0.64%	1.12%	0.43%	0.30%	0.40%	0.43%
Number of Mortgage Loans with Data Discrepancy Resulting in Underwriting Defect or a Violation of the Eligibility Criteria <sup>(3)</sup>	0	0	0	0	0	0	0	0	0	0	0	0

Third-Party Diligence Providers' Data Integrity Review Result for Initial Cohort Pool	Nov-22	Oct-22	Sep-22	Aug-22	Jul-22	Jun-22	May-22	Apr-22	Mar-22	Feb-22	Jan-22	Dec-21
Combined Monthly Credit Review Sample and Monthly Dual Review Sample	0	0	0	0	0	0	0	0	0	0	89	0
Number of Mortgage Loans with Discrepancies	0	0	0	0	0	0	0	0	0	0	8	0
Number of Mortgage Loans With Original DTI discrepancies greater than or equal to 2% and less than or equal to 5% either way, with Non-DTI Discrepancies	0	0	0	0	0	0	0	0	0	0	0	0
Number of Mortgage Loans With Original DTI discrepancies greater than or equal to 2% and less than or equal to 5% either way <sup>(1)</sup>	0	0	0	0	0	0	0	0	0	0	2	0
% of Mortgage Loans with Discrepancies	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	11.24%	0.00%
Number of Discrepancies	0	0	0	0	0	0	0	0	0	0	8	0
Number of Discrepancies With Original DTI discrepancies greater than or equal to 2% and less than or equal to 5% either way <sup>(1)</sup>	0	0	0	0	0	0	0	0	0	0	2	0
% of Mortgage Loans with Discrepancies <sup>(2)</sup>	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.54%	0.00%
Number of Mortgage Loans with Data Discrepancy Resulting in Underwriting Defect or a Violation of the Eligibility Criteria <sup>(3)</sup>	0	0	0	0	0	0	0	0	0	0	0	0

- (1) The unique number of mortgage loans shown in Appendix B is related to mortgage loans in the first table above and in rows titled "Number of Mortgage Loans with Discrepancies" and "Number of Mortgage Loans With Original DTI Discrepancies Greater Than or Equal to 2% and Less Than or Equal to 5%, either way, With Non-DTI Discrepancies." Discrepancies shown in Appendix B are exclusive of original DTI discrepancies that were within 5%, either way, of the value provided in the data tape. However, mortgage loans with original DTI discrepancies greater than or equal to 2% and less than or equal to 5%, either way, may have non-DTI data discrepancies and these mortgage loans will be shown in Appendix B with their non-DTI discrepancies.
- (2) Calculated by dividing the number of discrepancies by the number of reviewed fields. 21 fields were reviewed for each mortgage loan in the Monthly Credit Review Sample and the Monthly Dual Review Sample.
- (3) Excludes mortgage loans that had Underwriting Defects or failed to satisfy the Eligibility Criteria as identified by our quality control review process or through the Third-Party Diligence Providers' reviews.

You should note that we did not update the mortgage loan data tape with respect to the Reference Obligations to reflect these discrepancies (except that the mortgage loans previously removed from the Reference Pool are not reflected on such mortgage loan data tape). As a result, the numerical disclosure in this Memorandum does not reflect any of these discrepancies with respect to the related Reference Obligations. In our sole discretion, after the Closing Date we may determine to reconcile with the sellers certain of the discrepancies identified by the Third-Party Diligence Providers. To the extent we verify any of these discrepancies with respect to the Reference Obligations, we expect to update the monthly loan-level information with respect to the Reference Pool that is made available to Noteholders.

The table below summarizes exceptions in the Monthly Diligence Samples and whether the related exception was determined by our quality control review process or the Third-Party Diligence Providers or both. In those cases where the exception was identified by us, the table indicates whether the exception was an Unconfirmed Underwriting Defect or an Underwriting Defect.

<b>Mortgage Loans with Exceptions in Monthly Diligence Sample<sup>(1)</sup></b>	<b>Nov-22</b>	<b>Oct-22</b>	<b>Sep-22</b>	<b>Aug-22</b>	<b>Jul-22</b>	<b>Jun-22</b>	<b>May-22</b>	<b>Apr-22</b>	<b>Mar-22</b>	<b>Feb-22</b>	<b>Jan-22</b>	<b>Dec-21</b>
Exception Identified by Third-Party Diligence Providers	10	10	9	9	12	9	12	6	6	8	11	9
Exception Identified by Third-Party Diligence Providers & Underwriting Defect Identified by Our Quality Control Review Process	4	5	4	3 <sup>(3)</sup>	0	5	2	4	4	3	4	2
Exception Identified by Third-Party Diligence Providers & Unconfirmed Underwriting Defect Identified by Our Quality Control Review Process	5	2	1	1	0	0	0	0	0	0	0	0
Underwriting Defect Identified by Our Quality Control Review Process	12	20	16	17	15	19	21	13	27	15	17	14 <sup>(2)</sup>
<b>Total Exceptions</b>	<b>31</b>	<b>37</b>	<b>30</b>	<b>30</b>	<b>27</b>	<b>33</b>	<b>35</b>	<b>23</b>	<b>37</b>	<b>26</b>	<b>32</b>	<b>25</b>
<b>Combined Monthly Credit Review Sample and Monthly Dual Review Sample</b>	<b>400</b>	<b>400</b>	<b>400</b>	<b>400</b>	<b>400</b>	<b>400</b>	<b>400</b>	<b>400</b>	<b>400</b>	<b>400</b>	<b>400</b>	<b>400</b>
<b>Monthly Compliance Review Sample</b>	<b>102</b>	<b>102</b>	<b>103</b>	<b>100</b>	<b>100</b>	<b>102</b>	<b>101</b>	<b>94</b>	<b>104</b>	<b>98</b>	<b>103</b>	<b>104</b>

(1) All mortgage loans with exceptions in Monthly Diligence Sample are related to credit review and valuation review of mortgage loans in the Monthly Credit Review Sample and Monthly Dual Review Sample except those noted in footnote (2) below.

(2) Our quality control review for compliance found one mortgage loan to have an Underwriting Defect in our December 2021 Compliance Review Sample.

(3) The Third-Party Due Diligence Providers found both a credit and valuation exception for one mortgage loan.

<b>Mortgage Loans with Unconfirmed Underwriting Defect in Monthly Diligence Sample Excluding Mortgage Loans with Unconfirmed Underwriting Defect That Were Determined to Have an Exception by the Third-Party Diligence Providers</b>	<b>Nov-22</b>	<b>Oct-22</b>	<b>Sep-22</b>	<b>Aug-22</b>	<b>Jul-22</b>	<b>Jun-22</b>	<b>May-22</b>	<b>Apr-22</b>	<b>Mar-22</b>	<b>Feb-22</b>	<b>Jan-22</b>	<b>Dec-21</b>
Unconfirmed Underwriting Defect Identified by Our Quality Control Review Process for Mortgage Loans in Monthly Credit Review Sample and Monthly Dual Review Sample (Credit and Valuation Components Only) <sup>(1)</sup>	20	13	4	1	1	0	0	0	0	0	0	0
Unconfirmed Underwriting Defect Identified by Our Quality Control Review Process for Monthly Compliance Review Sample and Monthly Dual Review Sample (Compliance Component Only) <sup>(1)</sup>	0	1	1	0	0	0	0	0	0	0	0	0
<b>Total Unconfirmed Underwriting Defect</b>	<b>20</b>	<b>14</b>	<b>5</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

(1) The mortgage loans in the Monthly Dual Review Sample are subject to credit, valuation and compliance reviews by the Third-Party Diligence Providers. In this table, mortgage loans in the Monthly Dual Review Sample that have an Unconfirmed Underwriting Defect are shown in two different rows depending on the type of Unconfirmed Underwriting Defect. Mortgage loans in the Monthly Dual Review Sample that have a compliance related Unconfirmed Underwriting Defect are accounted for in the bottom row and mortgage loans in the Monthly Dual Review Sample that have a credit or valuation related Unconfirmed Underwriting Defect are accounted for in the top row.

<b>Mortgage Loans with Exceptions in Monthly Diligence Sample for the Initial Cohort Pool<sup>(1)</sup></b>	<b>Nov-22</b>	<b>Oct-22</b>	<b>Sep-22</b>	<b>Aug-22</b>	<b>Jul-22</b>	<b>Jun-22</b>	<b>May-22</b>	<b>Apr-22</b>	<b>Mar-22</b>	<b>Feb-22</b>	<b>Jan-22</b>	<b>Dec-21</b>
Exception Identified by Third-Party Diligence Providers	0	0	0	0	0	0	0	0	0	0	2	0
Exception Identified by Third-Party Diligence Providers & Underwriting Defect Identified by Our Quality Control Review Process	0	0	0	0	0	0	0	0	0	0	0	0
Exception Identified by Third-Party Diligence Providers & Unconfirmed Underwriting Defect Identified by Our Quality Control Review Process	0	0	0	0	0	0	0	0	0	0	0	0
Underwriting Defect Identified by Our Quality Control Review Process	0	0	0	0	0	0	0	0	0	0	8	0
<b>Total Exceptions</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>10</b>	<b>0</b>
<b>Combined Monthly Credit Review Sample and Monthly Dual Review Sample</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>89</b>	<b>0</b>
<b>Monthly Compliance Review Sample</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>23</b>	<b>0</b>

(1) All mortgage loans with exceptions in the Monthly Diligence Sample are related to credit review and valuation review of mortgage loans in the Monthly Credit Review Sample and Monthly Dual Review Sample.

<b>Mortgage Loans with Unconfirmed Underwriting Defect for Initial Cohort Pool in Monthly Diligence Sample Excluding Mortgage Loans with Unconfirmed Underwriting Defect That Were Determined to Have an Exception by the Third-Party Diligence Providers</b>	<b>Nov-22</b>	<b>Oct-22</b>	<b>Sep-22</b>	<b>Aug-22</b>	<b>Jul-22</b>	<b>Jun-22</b>	<b>May-22</b>	<b>Apr-22</b>	<b>Mar-22</b>	<b>Feb-22</b>	<b>Jan-22</b>	<b>Dec-21</b>
Unconfirmed Underwriting Defect Identified by Our Quality Control Review Process for Mortgage Loans in Monthly Credit Review Sample and Monthly Dual Review Sample (Credit and Valuation Components Only) <sup>(1)</sup>	0	0	0	0	0	0	0	0	0	0	0	0
Unconfirmed Underwriting Defect Identified by Our Quality Control Review Process for Monthly Compliance Review Sample and Monthly Dual Review Sample (Compliance Component Only) <sup>(1)</sup>	0	0	0	0	0	0	0	0	0	0	0	0
<b>Total Unconfirmed Underwriting Defect</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

(1) The mortgage loans in the Monthly Dual Review Sample are subject to credit, valuation and compliance reviews by the Third-Party Diligence Providers. In this table, mortgage loans in the Monthly Dual Review Sample that have an Unconfirmed Underwriting Defect are shown in two different rows depending on the type of Unconfirmed Underwriting Defect. Mortgage loans in the Monthly Dual Review Sample that have a compliance related Unconfirmed Underwriting Defect are accounted for in the bottom row and mortgage loans in the Monthly Dual Review Sample that have a credit or valuation related Unconfirmed Underwriting Defect are accounted for in the top row.



### ***Limitations of the Third-Party Diligence Providers' Review Process***

There can be no assurance that the review conducted by the Third-Party Diligence Providers uncovered all relevant factors relating to the origination of the Reference Obligations, their compliance with applicable laws and regulations or uncovered all relevant factors that could affect the future performance of the Reference Obligations. See *“Risk Factors — Risks Related to the Notes Being Linked to the Reference Pool — Due Diligence and Quality Control Processes Are Limited”*. The review was performed on a small sample selected from the mortgage loans we acquired that met the Preliminary Eligibility Criteria, but not specifically related to the Initial Cohort Pool or the Reference Pool. As such, this review did not include all of the Reference Obligations in the Reference Pool and the Reference Obligations that were included in the review may have characteristics that were not discovered, noted or analyzed as part of the Third-Party Diligence Providers' review that could, nonetheless, result in those Reference Obligations failing to perform in the future.

You are advised that the aforementioned review procedures carried out by the Third-Party Diligence Providers were performed for our benefit only in connection with our post-purchase quality control review procedures with respect to mortgage loans we acquire and not related specifically to the Initial Cohort Pool or the Reference Pool. The Third-Party Diligence Providers make no representations and provides no advice to you or any future investor concerning the suitability of any transaction or investment strategy. The Third-Party Diligence Providers performed only the review procedures described herein and is not responsible for any decision to include any mortgage loans in the Reference Pool.

You must make your own determination as the extent to which you place reliance on the limited loan review procedures that have been carried out.

## The Reference Pool as of the Cut-off Date

### Amortization Type of the Reference Obligations

Amortization Type	Number of Reference Obligations	Aggregate Principal Balance (\$)	Aggregate Principal Balance (%)*	Average Principal Balance (\$)	Weighted Average Original Mortgage Rate (%)	Non-Zero Weighted Average Original Credit Score	Weighted Average Original LTV Ratio (%)	Weighted Average Original CLTV Ratio (%)
Fixed Rate	37,756	13,403,351,764.29	100.00	354,999.25	3.197	751	92	92
<b>Total/Weighted Average:</b>	<b>37,756</b>	<b>13,403,351,764.29</b>	<b>100.00</b>	<b>354,999.25</b>	<b>3.197</b>	<b>751</b>	<b>92</b>	<b>92</b>

### Principal Balance of the Reference Obligations at Origination

Range of Original Principal Balances (\$)	Number of Reference Obligations	Aggregate Principal Balance (\$)	Aggregate Principal Balance (%)*	Average Principal Balance (\$)	Weighted Average Original Mortgage Rate (%)	Non-Zero Weighted Average Original Credit Score	Weighted Average Original LTV Ratio (%)	Weighted Average Original CLTV Ratio (%)
25,000.01 to 50,000.00	48	1,970,766.18	0.01	41,057.63	3.531	732	92	92
50,000.01 to 75,000.00	227	14,233,981.64	0.11	62,704.76	3.482	739	92	92
75,000.01 to 100,000.00	457	39,207,025.52	0.29	85,792.18	3.408	738	93	93
100,000.01 to 125,000.00	813	90,324,264.57	0.67	111,099.96	3.349	739	92	92
125,000.01 to 150,000.00	1,229	165,076,674.70	1.23	134,317.88	3.302	743	92	92
150,000.01 to 200,000.00	3,543	607,298,991.74	4.53	171,408.13	3.277	744	92	92
200,000.01 to 250,000.00	4,414	966,404,773.79	7.21	218,940.82	3.267	746	92	92
250,000.01 to 300,000.00	4,475	1,193,418,208.92	8.90	266,685.63	3.249	746	92	92
300,000.01 to 350,000.00	4,106	1,287,828,424.89	9.61	313,645.50	3.228	749	92	92
350,000.01 to 400,000.00	3,944	1,426,099,942.34	10.64	361,587.21	3.204	750	92	92
400,000.01 to 450,000.00	3,074	1,259,939,247.90	9.40	409,869.63	3.197	749	92	92
450,000.01 to 500,000.00	2,365	1,082,127,113.56	8.07	457,559.03	3.162	753	92	92
500,000.01 to 550,000.00	2,176	1,109,065,971.22	8.27	509,681.05	3.143	754	92	92
550,000.01 to 600,000.00	3,275	1,819,799,360.65	13.58	555,663.93	3.135	755	92	92
600,000.01 to 650,000.00	2,343	1,407,979,279.23	10.50	600,930.12	3.161	755	91	91
650,000.01 to 700,000.00	350	228,712,810.39	1.71	653,465.17	3.178	757	92	92
700,000.01 to 750,000.00	318	223,501,382.28	1.67	702,834.54	3.179	761	91	91
750,000.01 to 800,000.00	232	173,707,011.01	1.30	748,737.12	3.180	760	91	91
800,000.01 to 850,000.00	204	162,333,349.52	1.21	795,751.71	3.181	758	90	90
850,000.01 to 900,000.00	81	68,904,551.84	0.51	850,673.48	3.202	768	91	91
900,000.01 and greater	82	75,418,632.40	0.56	919,739.42	3.223	767	90	90
<b>Total/Weighted Average:</b>	<b>37,756</b>	<b>13,403,351,764.29</b>	<b>100.00</b>	<b>354,999.25</b>	<b>3.197</b>	<b>751</b>	<b>92</b>	<b>92</b>

The average principal balance of the Reference Obligations at origination was approximately \$367,505.80.

\* Amounts may not add up to the totals shown due to rounding.

## Principal Balance of the Reference Obligations

Range of Principal Balances (\$)	Number of Reference Obligations	Aggregate Principal Balance (\$)	Aggregate Principal Balance (%)*	Average Principal Balance (\$)	Weighted Average Original Mortgage Rate (%)	Non-Zero Weighted Average Original Credit Score	Weighted Average Original LTV Ratio (%)	Weighted Average Original CLTV Ratio (%)
0.01 to 25,000.00	10	141,305.59	0.00	14,130.56	3.305	762	93	93
25,000.01 to 50,000.00	76	3,073,470.01	0.02	40,440.39	3.435	744	92	92
50,000.01 to 75,000.00	285	18,334,409.04	0.14	64,331.26	3.433	744	92	92
75,000.01 to 100,000.00	508	44,883,610.88	0.33	88,353.56	3.386	740	93	93
100,000.01 to 125,000.00	940	106,972,082.93	0.80	113,800.09	3.336	742	92	92
125,000.01 to 150,000.00	1,329	183,686,099.26	1.37	138,213.77	3.295	743	93	93
150,000.01 to 200,000.00	3,757	662,087,438.10	4.94	176,227.69	3.274	745	92	92
200,000.01 to 250,000.00	4,612	1,038,883,589.11	7.75	225,256.63	3.263	746	92	92
250,000.01 to 300,000.00	4,610	1,266,969,209.25	9.45	274,830.63	3.244	747	92	92
300,000.01 to 350,000.00	4,180	1,356,377,194.26	10.12	324,492.15	3.220	750	92	92
350,000.01 to 400,000.00	3,928	1,470,719,175.92	10.97	374,419.34	3.204	750	92	92
400,000.01 to 450,000.00	2,885	1,224,223,739.16	9.13	424,340.98	3.192	749	92	92
450,000.01 to 500,000.00	2,225	1,054,475,409.15	7.87	473,921.53	3.155	753	92	92
500,000.01 to 550,000.00	2,561	1,352,010,693.68	10.09	527,922.96	3.138	754	92	92
550,000.01 to 600,000.00	3,122	1,792,287,708.56	13.37	574,083.19	3.138	756	92	92
600,000.01 to 650,000.00	1,598	981,012,259.55	7.32	613,900.04	3.173	755	91	91
650,000.01 to 700,000.00	341	229,790,724.06	1.71	673,873.09	3.183	757	91	91
700,000.01 to 750,000.00	302	218,422,263.19	1.63	723,252.53	3.176	761	91	91
750,000.01 to 800,000.00	227	176,136,159.75	1.31	775,930.22	3.174	760	91	91
800,000.01 to 850,000.00	126	102,643,245.40	0.77	814,628.93	3.217	758	90	90
850,000.01 to 900,000.00	71	61,660,267.45	0.46	868,454.47	3.168	769	91	91
900,000.01 and greater	63	58,561,709.99	0.44	929,550.95	3.247	766	89	89
<b>Total/Weighted Average:</b>	<b>37,756</b>	<b>13,403,351,764.29</b>	<b>100.00</b>	<b>354,999.25</b>	<b>3.197</b>	<b>751</b>	<b>92</b>	<b>92</b>

The average principal balance of the Reference Obligations as of the Cut-off Date is approximately \$354,999.25.

## Original Mortgage Rate of the Reference Obligations

Range of Original Mortgage Rates (%)	Number of Reference Obligations	Aggregate Principal Balance (\$)	Aggregate Principal Balance (%)*	Average Principal Balance (\$)	Weighted Average Original Mortgage Rate (%)	Non-Zero Weighted Average Original Credit Score	Weighted Average Original LTV Ratio (%)	Weighted Average Original CLTV Ratio (%)
2.250 to 2.374	5	1,681,774.31	0.01	336,354.86	2.250	774	90	90
2.375 to 2.499	3	855,564.89	0.01	285,188.30	2.375	758	91	91
2.500 to 2.624	20	6,994,561.36	0.05	349,728.07	2.537	772	90	90
2.625 to 2.749	289	118,013,435.30	0.88	408,350.99	2.649	767	91	91
2.750 to 2.874	1,550	651,896,559.84	4.86	420,578.43	2.776	767	91	91
2.875 to 2.999	6,943	2,752,047,516.66	20.53	396,377.29	2.939	765	92	92
3.000 to 3.124	2,912	1,050,892,552.48	7.84	360,883.43	3.021	763	92	92
3.125 to 3.249	6,950	2,480,530,114.41	18.51	356,910.81	3.137	760	92	92
3.250 to 3.374	8,095	2,809,806,347.83	20.96	347,103.93	3.255	752	92	92
3.375 to 3.499	5,080	1,693,591,647.72	12.64	333,384.18	3.386	741	92	92
3.500 to 3.624	2,336	764,577,420.14	5.70	327,301.98	3.503	728	92	92
3.625 to 3.749	1,229	391,649,444.75	2.92	318,673.27	3.627	714	92	92
3.750 to 3.874	750	225,184,274.75	1.68	300,245.70	3.755	704	92	92
3.875 to 3.999	937	282,319,016.68	2.11	301,300.98	3.898	695	92	92
4.000 to 4.124	133	40,937,500.21	0.31	307,800.75	4.002	692	92	92
4.125 to 4.249	167	48,992,979.41	0.37	293,371.13	4.125	691	91	91
4.250 to 4.374	116	30,142,656.09	0.22	259,850.48	4.251	698	90	90
4.375 to 4.499	107	24,557,959.52	0.18	229,513.64	4.383	709	90	90
4.500 to 4.624	56	13,269,428.58	0.10	236,954.08	4.500	720	91	91
4.625 to 4.749	36	7,522,169.94	0.06	208,949.17	4.625	717	89	89
4.750 to 4.874	20	4,046,496.39	0.03	202,324.82	4.750	743	90	90
4.875 to 4.999	11	1,449,879.98	0.01	131,807.27	4.875	731	89	89
5.000 to 5.124	9	1,742,649.00	0.01	193,627.67	5.002	764	93	93
5.125 to 5.249	2	649,814.05	0.00	324,907.03	5.125	752	85	85
<b>Total/Weighted Average:</b>	<b>37,756</b>	<b>13,403,351,764.29</b>	<b>100.00</b>	<b>354,999.25</b>	<b>3.197</b>	<b>751</b>	<b>92</b>	<b>92</b>

The weighted average original mortgage rate of the Reference Obligations as of the Cut-off Date is approximately 3.197%.

\* Amounts may not add up to the totals shown due to rounding.

### Loan Age of the Reference Obligations

Loan Age (months)	Number of Reference Obligations	Aggregate Principal Balance (\$)	Aggregate Principal Balance (%)*	Average Principal Balance (\$)	Weighted Average Original Mortgage Rate (%)	Non-Zero Weighted Average Original Credit Score	Weighted Average Original LTV Ratio (%)	Weighted Average Original CLTV Ratio (%)
11 to 15	34,736	12,137,440,503.34	90.56	349,419.64	3.210	751	92	92
16 to 20	3,013	1,261,710,988.25	9.41	418,755.72	3.072	754	92	92
21 to 25	7	4,200,272.70	0.03	600,038.96	3.084	761	94	94
<b>Total/Weighted Average:</b>	<b>37,756</b>	<b>13,403,351,764.29</b>	<b>100.00</b>	<b>354,999.25</b>	<b>3.197</b>	<b>751</b>	<b>92</b>	<b>92</b>

The weighted average loan age of the Reference Obligations as of the Cut-off Date is approximately 14 months.

### LTV Ratio of the Reference Obligations at Origination

Range of Original LTV Ratios (%)	Number of Reference Obligations	Aggregate Principal Balance (\$)	Aggregate Principal Balance (%)*	Average Principal Balance (\$)	Weighted Average Original Mortgage Rate (%)	Non-Zero Weighted Average Original Credit Score	Weighted Average Original LTV Ratio (%)	Weighted Average Original CLTV Ratio (%)
81 to 85	4,892	1,782,089,541.01	13.30	364,286.50	3.206	751	84	84
86 to 90	10,546	3,917,041,256.20	29.22	371,424.36	3.179	753	90	90
91 to 95	19,600	7,036,595,771.78	52.50	359,009.99	3.194	751	95	95
96 to 97	2,718	667,625,195.30	4.98	245,631.05	3.310	747	97	97
<b>Total/Weighted Average:</b>	<b>37,756</b>	<b>13,403,351,764.29</b>	<b>100.00</b>	<b>354,999.25</b>	<b>3.197</b>	<b>751</b>	<b>92</b>	<b>92</b>

The weighted average LTV ratio of the Reference Obligations at origination was approximately 92%.

### CLTV Ratio of the Reference Obligations at Origination

Range of Original CLTV Ratios (%)	Number of Reference Obligations	Aggregate Principal Balance (\$)	Aggregate Principal Balance (%)*	Average Principal Balance (\$)	Weighted Average Original Mortgage Rate (%)	Non-Zero Weighted Average Original Credit Score	Weighted Average Original LTV Ratio (%)	Weighted Average Original CLTV Ratio (%)
81 to 85	4,866	1,771,425,122.69	13.22	364,041.33	3.206	751	84	84
86 to 90	10,552	3,920,053,202.84	29.25	371,498.60	3.179	753	89	90
91 to 95	19,612	7,042,553,671.03	52.54	359,094.11	3.194	751	95	95
96 to 97	2,726	669,319,767.73	4.99	245,531.83	3.311	747	97	97
<b>Total/Weighted Average:</b>	<b>37,756</b>	<b>13,403,351,764.29</b>	<b>100.00</b>	<b>354,999.25</b>	<b>3.197</b>	<b>751</b>	<b>92</b>	<b>92</b>

The weighted average CLTV ratio of the Reference Obligations at origination was approximately 92%.

\* Amounts may not add up to the totals shown due to rounding.

## ELTV Ratio of the Reference Obligations

Range of ELTV Ratios (%)	Number of Reference Obligations	Aggregate Principal Balance (\$)	Aggregate Principal Balance (%)*	Average Principal Balance (\$)	Weighted Average Original Mortgage Rate (%)	Non-Zero Weighted Average Original Credit Score	Weighted Average Original LTV Ratio (%)	Weighted Average Original CLTV Ratio (%)
Not Available	2,171	625,972,842.38	4.67	288,333.87	3.265	754	91	91
1 to 5	5	62,610.41	0.00	12,522.08	3.251	763	93	93
6 to 10	11	386,295.31	0.00	35,117.76	3.148	784	90	90
11 to 15	18	1,008,457.14	0.01	56,025.40	3.308	777	92	92
16 to 20	29	2,238,535.42	0.02	77,190.88	3.172	791	90	90
21 to 25	25	2,413,461.75	0.02	96,538.47	3.233	782	92	92
26 to 30	25	2,951,874.89	0.02	118,075.00	3.240	783	92	92
31 to 35	35	4,962,902.55	0.04	141,797.22	3.302	783	92	92
36 to 40	43	7,720,381.64	0.06	179,543.76	3.251	758	91	91
41 to 45	59	10,756,092.77	0.08	182,306.66	3.256	764	91	91
46 to 50	83	15,672,134.52	0.12	188,820.90	3.274	763	92	92
51 to 55	121	24,906,027.62	0.19	205,834.94	3.193	758	92	92
56 to 60	176	37,675,306.79	0.28	214,064.24	3.206	756	91	91
61 to 65	368	90,011,136.37	0.67	244,595.48	3.227	754	90	90
66 to 70	1,116	313,218,971.90	2.34	280,662.16	3.199	753	88	88
71 to 75	3,701	1,137,131,489.40	8.48	307,249.79	3.194	751	88	88
76 to 80	7,921	2,666,579,708.48	19.89	336,646.85	3.182	751	90	90
81 to 85	11,535	4,124,779,960.97	30.77	357,588.21	3.185	751	93	93
86 to 90	7,730	3,145,590,787.94	23.47	406,932.83	3.200	751	94	94
91 to 95	2,178	1,000,752,119.61	7.47	459,482.15	3.221	751	95	95
96 to 100	331	155,939,826.89	1.16	471,117.30	3.243	750	95	95
101 to 105	40	17,999,554.69	0.13	449,988.87	3.230	745	94	94
106 to 110	13	5,937,484.30	0.04	456,729.56	3.242	738	94	94
111 to 115	7	3,189,895.31	0.02	455,699.33	3.152	751	93	93
116 to 120	2	501,686.60	0.00	250,843.30	3.143	767	92	92
121 to 125	1	407,910.24	0.00	407,910.24	3.125	808	95	95
126 to 130	1	612,115.92	0.00	612,115.92	4.000	695	87	87
131 to 135	3	1,062,690.24	0.01	354,230.08	3.213	756	91	91
146 to 150	1	309,007.93	0.00	309,007.93	3.625	684	95	95
151 to 155	1	208,421.42	0.00	208,421.42	2.875	726	95	95
156 to 160	1	424,483.45	0.00	424,483.45	3.125	738	95	95
161 to 165	1	433,082.35	0.00	433,082.35	3.125	800	95	95
171 to 175	1	188,203.36	0.00	188,203.36	3.500	695	95	95
176 to 180	1	623,186.93	0.00	623,186.93	3.250	777	95	95
201 and greater	2	723,116.80	0.01	361,558.40	2.873	775	93	93
<b>Total/Weighted Average:</b>	<b>37,756</b>	<b>13,403,351,764.29</b>	<b>100.00</b>	<b>354,999.25</b>	<b>3.197</b>	<b>751</b>	<b>92</b>	<b>92</b>

The non-zero weighted average ELTV ratio of the Reference Obligations as of the Cut-off Date is approximately 83%.

## Credit Score of the Mortgagors of the Reference Obligations at Origination

Range of Original Credit Scores	Number of Reference Obligations	Aggregate Principal Balance (\$)	Aggregate Principal Balance (%)*	Average Principal Balance (\$)	Weighted Average Original Mortgage Rate (%)	Non-Zero Weighted Average Original Credit Score	Weighted Average Original LTV Ratio (%)	Weighted Average Original CLTV Ratio (%)
Not Available	20	5,473,938.08	0.04	273,696.90	3.534	N/A	93	93
600 to 619	1	385,765.82	0.00	385,765.82	3.750	615	95	95
620 to 639	164	48,780,494.07	0.36	297,442.04	3.832	631	91	91
640 to 659	530	166,194,109.89	1.24	313,573.79	3.806	651	91	91
660 to 679	1,139	347,101,675.16	2.59	304,742.47	3.637	670	91	91
680 to 699	2,789	908,984,686.66	6.78	325,917.78	3.393	690	92	92
700 to 719	4,071	1,352,893,371.39	10.09	332,324.58	3.300	710	92	92
720 to 739	5,247	1,811,085,243.41	13.51	345,165.86	3.204	730	92	92
740 to 759	6,730	2,428,248,774.50	18.12	360,809.62	3.143	750	92	92
760 to 779	7,229	2,689,892,207.13	20.07	372,097.41	3.122	770	92	92
780 to 799	6,879	2,584,895,207.62	19.29	375,766.13	3.119	789	92	92
800 to 819	2,918	1,045,430,542.17	7.80	358,269.55	3.119	806	91	91
820 to 839	39	13,985,748.39	0.10	358,608.93	3.132	822	91	91
<b>Total/Weighted Average:</b>	<b>37,756</b>	<b>13,403,351,764.29</b>	<b>100.00</b>	<b>354,999.25</b>	<b>3.197</b>	<b>751</b>	<b>92</b>	<b>92</b>

The non-zero weighted average Credit Score of the mortgagors of the Reference Obligations at origination was approximately 751.

\* Amounts may not add up to the totals shown due to rounding.

## DTI Ratio of the Mortgagors of the Reference Obligations at Origination

Range of Original DTI Ratios (%)	Number of Reference Obligations	Aggregate Principal Balance (\$)	Aggregate Principal Balance (%)*	Average Principal Balance (\$)	Weighted Average Original Mortgage Rate (%)	Non-Zero Weighted Average Original Credit Score	Weighted Average Original LTV Ratio (%)	Weighted Average Original CLTV Ratio (%)
1 to 20	1,710	528,092,536.49	3.94	308,826.04	3.143	761	91	91
21 to 25	2,908	962,707,625.85	7.18	331,054.89	3.157	760	92	92
26 to 30	4,708	1,611,861,294.45	12.03	342,366.46	3.163	756	92	92
31 to 35	6,838	2,422,165,239.47	18.07	354,221.30	3.196	750	92	92
36 to 40	8,169	2,907,353,701.07	21.69	355,900.81	3.221	746	92	92
41 to 45	9,255	3,361,179,298.79	25.08	363,174.42	3.229	745	92	92
46 to 50	4,166	1,609,281,662.08	12.01	386,289.41	3.164	762	91	91
51 to 55	1	278,498.52	0.00	278,498.52	2.750	751	85	85
61 to 65	1	431,907.57	0.00	431,907.57	2.875	756	82	82
<b>Total/Weighted Average:</b>	<b>37,756</b>	<b>13,403,351,764.29</b>	<b>100.00</b>	<b>354,999.25</b>	<b>3.197</b>	<b>751</b>	<b>92</b>	<b>92</b>

The weighted average DTI ratio of the mortgagors of the Reference Obligations at origination was approximately 37%.

## Occupancy Type of the Reference Obligations

Occupancy Type	Number of Reference Obligations	Aggregate Principal Balance (\$)	Aggregate Principal Balance (%)*	Average Principal Balance (\$)	Weighted Average Original Mortgage Rate (%)	Non-Zero Weighted Average Original Credit Score	Weighted Average Original LTV Ratio (%)	Weighted Average Original CLTV Ratio (%)
Primary Residence	35,941	12,852,495,824.02	95.89	357,599.84	3.190	751	92	92
Second Home	1,494	479,927,906.14	3.58	321,236.88	3.252	760	89	89
Investment Property	321	70,928,034.13	0.53	220,959.61	4.076	764	85	85
<b>Total/Weighted Average:</b>	<b>37,756</b>	<b>13,403,351,764.29</b>	<b>100.00</b>	<b>354,999.25</b>	<b>3.197</b>	<b>751</b>	<b>92</b>	<b>92</b>

## Loan Purpose of the Reference Obligations

Loan Purpose	Number of Reference Obligations	Aggregate Principal Balance (\$)	Aggregate Principal Balance (%)*	Average Principal Balance (\$)	Weighted Average Original Mortgage Rate (%)	Non-Zero Weighted Average Original Credit Score	Weighted Average Original LTV Ratio (%)	Weighted Average Original CLTV Ratio (%)
Purchase	35,587	12,698,337,766.73	94.74	356,825.18	3.201	752	92	92
No Cash-out Refinance	2,169	705,013,997.56	5.26	325,041.03	3.124	744	86	86
<b>Total/Weighted Average:</b>	<b>37,756</b>	<b>13,403,351,764.29</b>	<b>100.00</b>	<b>354,999.25</b>	<b>3.197</b>	<b>751</b>	<b>92</b>	<b>92</b>

## Property Type of the Reference Obligations

Property Type	Number of Reference Obligations	Aggregate Principal Balance (\$)	Aggregate Principal Balance (%)*	Average Principal Balance (\$)	Weighted Average Original Mortgage Rate (%)	Non-Zero Weighted Average Original Credit Score	Weighted Average Original LTV Ratio (%)	Weighted Average Original CLTV Ratio (%)
Single Family	22,451	7,668,610,620.28	57.21	341,571.00	3.202	750	92	92
Planned Unit Development	11,669	4,542,972,502.34	33.89	389,319.78	3.170	751	92	92
Condominium	3,355	1,127,059,019.24	8.41	335,934.13	3.261	760	92	92
Manufactured Housing	217	48,555,694.42	0.36	223,758.96	3.475	743	93	93
Co-operative	64	16,153,928.01	0.12	252,405.13	3.145	758	90	90
<b>Total/Weighted Average:</b>	<b>37,756</b>	<b>13,403,351,764.29</b>	<b>100.00</b>	<b>354,999.25</b>	<b>3.197</b>	<b>751</b>	<b>92</b>	<b>92</b>

\* Amounts may not add up to the totals shown due to rounding.



## Geographic Concentration of the Mortgaged Properties (State or Territory)

State or Territory	Number of Reference Obligations	Aggregate Principal Balance (\$)	Aggregate Principal Balance (%)*	Average Principal Balance (\$)	Weighted Average Original Mortgage Rate (%)	Non-Zero Weighted Average Original Credit Score	Weighted Average Original LTV Ratio (%)	Weighted Average Original CLTV Ratio (%)
California	3,640	1,952,515,962.68	14.57	536,405.48	3.201	754	91	91
Texas	3,233	1,075,376,445.47	8.02	332,624.94	3.208	748	92	92
Florida	2,911	991,420,759.49	7.40	340,577.38	3.273	749	92	92
New York	1,684	653,774,913.96	4.88	388,227.38	3.177	750	91	91
Washington	1,117	559,060,567.88	4.17	500,501.85	3.176	755	92	92
Colorado	1,077	512,902,858.17	3.83	476,232.92	3.159	756	92	92
Virginia	1,198	496,234,707.59	3.70	414,219.29	3.114	758	92	92
New Jersey	1,072	434,412,053.95	3.24	405,235.12	3.159	751	91	91
Illinois	1,533	422,927,199.78	3.16	275,882.06	3.194	750	92	92
Arizona	1,079	420,815,994.08	3.14	390,005.56	3.261	750	92	92
Georgia	1,260	415,943,504.81	3.10	330,113.89	3.213	750	92	92
North Carolina	1,169	392,325,705.42	2.93	335,607.96	3.173	753	92	92
Pennsylvania	1,444	391,716,648.30	2.92	271,271.92	3.152	751	92	92
Maryland	950	383,631,107.68	2.86	403,822.22	3.159	752	92	92
Massachusetts	806	368,305,916.62	2.75	456,955.23	3.101	753	92	92
Ohio	1,476	331,430,602.56	2.47	224,546.48	3.230	744	92	92
Michigan	1,217	291,515,521.39	2.17	239,536.17	3.245	746	92	92
Tennessee	857	285,610,878.12	2.13	333,268.24	3.203	752	92	92
Utah	608	271,491,111.53	2.03	446,531.43	3.149	754	92	92
Oregon	557	240,104,266.92	1.79	431,066.91	3.218	754	92	92
Minnesota	768	231,944,063.26	1.73	302,010.50	3.178	753	92	92
Missouri	824	200,968,487.24	1.50	243,893.80	3.215	747	93	93
Indiana	774	185,399,941.45	1.38	239,534.81	3.289	742	92	92
South Carolina	567	165,364,384.83	1.23	291,647.95	3.228	749	92	92
Nevada	386	148,212,403.00	1.11	383,969.96	3.302	746	92	92
Connecticut	480	147,988,928.35	1.10	308,310.27	3.162	746	92	92
Alabama	488	135,570,207.26	1.01	277,807.80	3.215	749	92	92
Wisconsin	498	128,003,436.25	0.96	257,035.01	3.190	751	92	92
Louisiana	381	100,788,888.13	0.75	264,537.76	3.222	750	92	92
Kentucky	397	95,117,849.81	0.71	239,591.56	3.202	748	92	92
Oklahoma	344	80,021,495.74	0.60	232,620.63	3.268	750	92	92
Arkansas	285	73,229,926.24	0.55	256,947.11	3.145	753	92	92
Kansas	283	71,308,730.64	0.53	251,974.31	3.175	750	93	93
New Hampshire	195	70,608,348.35	0.53	362,094.09	3.247	747	92	92
Iowa	307	67,297,695.52	0.50	219,210.73	3.089	745	92	92
District of Columbia	119	63,813,009.22	0.48	536,243.77	3.094	771	92	92
Nebraska	252	63,171,475.04	0.47	250,680.46	3.187	748	93	93
Idaho	138	55,294,802.43	0.41	400,686.97	3.204	748	92	92
Delaware	167	52,323,022.87	0.39	313,311.51	3.250	751	92	92
New Mexico	175	52,219,231.05	0.39	298,395.61	3.267	755	92	92
Hawaii	89	47,943,827.97	0.36	538,694.70	3.243	745	91	91
Maine	137	42,926,192.98	0.32	313,329.88	3.264	752	92	92
Mississippi	139	33,073,139.58	0.25	237,936.26	3.238	743	92	92
Rhode Island	97	32,879,613.11	0.25	338,965.08	3.190	755	91	91
Alaska	90	32,712,817.41	0.24	363,475.75	3.092	762	92	92
North Dakota	118	30,008,278.84	0.22	254,307.45	3.053	756	93	93
Montana	79	27,962,497.30	0.21	353,955.66	3.242	753	92	92
South Dakota	89	24,956,984.65	0.19	280,415.56	3.126	751	92	92
West Virginia	116	24,826,126.09	0.19	214,018.33	3.254	746	92	92
Wyoming	58	17,747,725.36	0.13	305,995.26	3.203	747	93	93
Vermont	26	7,586,586.28	0.06	291,791.78	3.159	754	91	91
Puerto Rico	2	564,921.64	0.00	282,460.82	3.641	773	95	95
<b>Total/Weighted Average:</b>	<b>37,756</b>	<b>13,403,351,764.29</b>	<b>100.00</b>	<b>354,999.25</b>	<b>3.197</b>	<b>751</b>	<b>92</b>	<b>92</b>

## Geographic Concentration of the Mortgaged Properties (Top 10 Metropolitan Statistical Areas (“MSA”))

Top 10 MSAs	Number of Reference Obligations	Aggregate Principal Balance (\$)	Aggregate Principal Balance (%)*	Average Principal Balance (\$)	Weighted Average Original Mortgage Rate (%)	Non-Zero Weighted Average Original Credit Score	Weighted Average Original LTV Ratio (%)	Weighted Average Original CLTV Ratio (%)
Washington-Arlington-Alexandria, DC-VA-MD-WV	948	471,739,188.40	3.52	497,615.18	3.092	760	92	92
Los Angeles-Long Beach-Glendale, CA	725	449,971,102.77	3.36	620,649.80	3.208	758	91	91
New York-Jersey City-White Plains, NY-NJ	757	380,248,000.51	2.84	502,309.12	3.179	755	90	90
Denver-Aurora-Lakewood, CO	753	377,045,976.71	2.81	500,725.07	3.134	758	92	92
Phoenix-Mesa-Chandler, AZ	832	340,929,372.15	2.54	409,770.88	3.256	751	92	92
Atlanta-Sandy Springs-Alpharetta, GA	929	329,536,011.09	2.46	354,721.22	3.205	751	92	92
Chicago-Naperville-Evanston, IL	1,001	303,118,140.55	2.26	302,815.33	3.187	753	92	92
Seattle-Bellevue-Kent, WA	521	300,701,570.76	2.24	577,162.32	3.134	760	92	92
Houston-The Woodlands-Sugar Land, TX	926	296,313,094.81	2.21	319,992.54	3.200	747	92	92
Dallas-Plano-Irving, TX	730	273,933,879.65	2.04	375,251.89	3.163	751	92	92
Other	29,634	9,879,815,426.89	73.71	333,394.59	3.205	750	92	92
<b>Total/Weighted Average:</b>	<b>37,756</b>	<b>13,403,351,764.29</b>	<b>100.00</b>	<b>354,999.25</b>	<b>3.197</b>	<b>751</b>	<b>92</b>	<b>92</b>

\* Amounts may not add up to the totals shown due to rounding.

## Geographic Concentration of the Mortgaged Properties (Top 10 Three-Digit Zip Codes)

Top 10 Three-Digit Zip Codes	Number of Reference Obligations	Aggregate Principal Balance (\$)	Aggregate Principal Balance (%)*	Average Principal Balance (\$)	Weighted Average Original Mortgage Rate (%)	Non-Zero Weighted Average Original Credit Score	Weighted Average Original LTV Ratio (%)	Weighted Average Original CLTV Ratio (%)
840xx	338	159,594,458.63	1.19	472,172.95	3.141	754	92	92
945xx	263	156,786,248.55	1.17	596,145.43	3.186	755	91	91
300xx	424	156,579,554.86	1.17	369,291.40	3.182	751	92	92
750xx	385	152,093,334.84	1.13	395,047.62	3.121	753	92	92
201xx	271	145,439,735.11	1.09	536,677.99	3.041	763	92	92
980xx	239	138,897,429.26	1.04	581,160.79	3.131	758	92	92
801xx	237	125,509,308.22	0.94	529,575.14	3.137	755	92	92
852xx	277	121,797,558.46	0.91	439,702.38	3.207	755	92	92
117xx	246	120,519,587.20	0.90	489,917.02	3.157	745	91	91
913xx	183	117,470,938.82	0.88	641,917.70	3.235	757	91	91
Other	34,893	12,008,663,610.34	89.59	344,156.81	3.202	751	92	92
<b>Total/Weighted Average:</b>	<b>37,756</b>	<b>13,403,351,764.29</b>	<b>100.00</b>	<b>354,999.25</b>	<b>3.197</b>	<b>751</b>	<b>92</b>	<b>92</b>

## Original Term to Maturity of the Reference Obligations

Original Term to Maturity (months)	Number of Reference Obligations	Aggregate Principal Balance (\$)	Aggregate Principal Balance (%)*	Average Principal Balance (\$)	Weighted Average Original Mortgage Rate (%)	Non-Zero Weighted Average Original Credit Score	Weighted Average Original LTV Ratio (%)	Weighted Average Original CLTV Ratio (%)
260 to 279	1	129,583.79	0.00	129,583.79	3.750	781	90	90
280 to 299	1	364,271.69	0.00	364,271.69	3.000	717	81	81
300 to 319	55	13,909,766.14	0.10	252,904.84	3.027	759	88	88
320 to 339	42	11,780,490.41	0.09	280,487.87	3.080	753	86	86
340 to 359	41	13,252,689.98	0.10	323,236.34	3.057	751	89	89
360	37,616	13,363,914,962.28	99.71	355,272.09	3.197	751	92	92
<b>Total/Weighted Average:</b>	<b>37,756</b>	<b>13,403,351,764.29</b>	<b>100.00</b>	<b>354,999.25</b>	<b>3.197</b>	<b>751</b>	<b>92</b>	<b>92</b>

The weighted average original term to maturity of the Reference Obligations is approximately 360 months.

## Remaining Term to Maturity of the Reference Obligations

Remaining Term to Maturity (months)	Number of Reference Obligations	Aggregate Principal Balance (\$)	Aggregate Principal Balance (%)*	Average Principal Balance (\$)	Weighted Average Original Mortgage Rate (%)	Non-Zero Weighted Average Original Credit Score	Weighted Average Original LTV Ratio (%)	Weighted Average Original CLTV Ratio (%)
260 to 279	2	493,855.48	0.00	246,927.74	3.197	734	83	83
280 to 299	55	13,909,766.14	0.10	252,904.84	3.027	759	88	88
300 to 319	25	6,400,057.00	0.05	256,002.28	3.085	748	86	86
320 to 339	65	22,833,396.09	0.17	351,283.02	3.066	755	89	89
340 to 359	37,609	13,359,714,689.58	99.67	355,226.53	3.197	751	92	92
<b>Total/Weighted Average:</b>	<b>37,756</b>	<b>13,403,351,764.29</b>	<b>100.00</b>	<b>354,999.25</b>	<b>3.197</b>	<b>751</b>	<b>92</b>	<b>92</b>

The weighted average remaining term to maturity of the Reference Obligations as of the Cut-off Date is approximately 346 months.

\* Amounts may not add up to the totals shown due to rounding.

## Sellers of the Reference Obligations

Seller	Number of Reference Obligations	Aggregate Principal Balance (\$)	Aggregate Principal Balance (%)*	Average Principal Balance (\$)	Weighted Average Original Mortgage Rate (%)	Non-Zero Weighted Average Original Credit Score	Weighted Average Original LTV Ratio (%)	Weighted Average Original CLTV Ratio (%)
United Wholesale Mortgage, LLC	4,813	1,944,834,819.00	14.51	404,079.54	3.192	754	92	92
JPMorgan Chase Bank, N.A.	4,246	1,355,146,052.99	10.11	319,158.28	3.132	751	92	92
Rocket Mortgage, LLC	2,538	912,526,920.11	6.81	359,545.67	3.110	750	91	91
PennyMac Corp.	2,095	782,864,584.53	5.84	373,682.38	3.307	748	93	93
Wells Fargo Bank, N.A.	2,239	742,501,554.20	5.54	331,621.95	3.183	754	91	91
U.S. Bank, N.A.	1,941	654,664,989.61	4.88	337,282.32	3.115	756	92	92
Caliber Home Loans, Inc.	1,734	648,515,897.23	4.84	373,999.94	3.242	753	92	92
loanDepot	1,520	628,994,383.85	4.69	413,812.09	3.184	750	91	91
Fairway Independent Mortgage Corporation	1,628	621,091,462.92	4.63	381,505.81	3.228	752	92	92
NewRez LLC	1,468	545,722,266.41	4.07	371,745.41	3.296	754	92	92
Other	13,534	4,566,488,833.44	34.07	337,408.66	3.210	749	92	92
<b>Total/Weighted Average:</b>	<b>37,756</b>	<b>13,403,351,764.29</b>	<b>100.00</b>	<b>354,999.25</b>	<b>3.197</b>	<b>751</b>	<b>92</b>	<b>92</b>

## Servicers of the Reference Obligations

Servicer	Number of Reference Obligations	Aggregate Principal Balance (\$)	Aggregate Principal Balance (%)*	Average Principal Balance (\$)	Weighted Average Original Mortgage Rate (%)	Non-Zero Weighted Average Original Credit Score	Weighted Average Original LTV Ratio (%)	Weighted Average Original CLTV Ratio (%)
JPMorgan Chase Bank, N.A.	5,818	1,952,181,374.56	14.56	335,541.66	3.155	751	92	92
United Wholesale Mortgage, LLC	4,551	1,830,124,114.82	13.65	402,136.70	3.205	753	92	92
PennyMac Corp.	2,095	782,864,584.53	5.84	373,682.38	3.307	748	93	93
Wells Fargo Bank, N.A.	2,239	742,501,554.20	5.54	331,621.95	3.183	754	91	91
U.S. Bank, N.A.	1,959	660,020,442.43	4.92	336,917.02	3.119	756	92	92
Caliber Home Loans, Inc.	1,733	648,210,569.02	4.84	374,039.57	3.242	753	92	92
Lakeview Loan Servicing, LLC	1,278	592,901,515.63	4.42	463,929.20	3.210	755	91	91
Onslow Bay Financial LLC	1,253	551,897,838.64	4.12	440,461.16	3.025	758	91	91
NewRez LLC	1,469	546,027,594.62	4.07	371,700.20	3.296	754	92	92
Nationstar Mortgage LLC	1,586	498,649,083.22	3.72	314,406.74	3.245	743	92	92
Other	13,775	4,597,973,092.62	34.30	333,791.15	3.202	749	92	92
<b>Total/Weighted Average:</b>	<b>37,756</b>	<b>13,403,351,764.29</b>	<b>100.00</b>	<b>354,999.25</b>	<b>3.197</b>	<b>751</b>	<b>92</b>	<b>92</b>

## Origination Channel of the Reference Obligations

Origination Channel	Number of Reference Obligations	Aggregate Principal Balance (\$)	Aggregate Principal Balance (%)*	Average Principal Balance (\$)	Weighted Average Original Mortgage Rate (%)	Non-Zero Weighted Average Original Credit Score	Weighted Average Original LTV Ratio (%)	Weighted Average Original CLTV Ratio (%)
Correspondent	15,730	5,455,078,712.54	40.70	346,794.58	3.218	750	92	92
Retail	13,939	4,736,468,040.19	35.34	339,799.70	3.202	751	92	92
Broker	8,087	3,211,805,011.56	23.96	397,156.55	3.153	754	92	92
<b>Total/Weighted Average:</b>	<b>37,756</b>	<b>13,403,351,764.29</b>	<b>100.00</b>	<b>354,999.25</b>	<b>3.197</b>	<b>751</b>	<b>92</b>	<b>92</b>

\* Amounts may not add up to the totals shown due to rounding.

## First Payment Date of the Reference Obligations

First Payment Date	Number of Reference Obligations	Aggregate Principal Balance (\$)	Aggregate Principal Balance (%)*	Average Principal Balance (\$)	Weighted Average Original Mortgage Rate (%)	Non-Zero Weighted Average Original Credit Score	Weighted Average Original LTV Ratio (%)	Weighted Average Original CLTV Ratio (%)
May 2021	4	2,528,288.45	0.02	632,072.11	2.942	758	94	94
June 2021	2	986,446.27	0.01	493,223.14	3.419	738	95	95
July 2021	1	685,537.98	0.01	685,537.98	3.125	803	95	95
August 2021	1	295,897.05	0.00	295,897.05	3.125	778	93	93
September 2021	14	3,178,443.89	0.02	227,031.71	3.201	748	93	93
October 2021	90	35,403,324.74	0.26	393,370.27	3.083	750	92	92
November 2021	646	286,017,699.28	2.13	442,751.86	3.056	756	92	92
December 2021	2,262	936,815,623.29	6.99	414,153.68	3.076	754	92	92
January 2022	8,196	2,982,993,756.25	22.26	363,957.27	3.170	752	92	92
February 2022	23,789	8,168,399,538.74	60.94	343,368.76	3.222	750	92	92
March 2022	2,751	986,047,208.35	7.36	358,432.28	3.232	752	92	92
<b>Total/Weighted Average:</b>	<b>37,756</b>	<b>13,403,351,764.29</b>	<b>100.00</b>	<b>354,999.25</b>	<b>3.197</b>	<b>751</b>	<b>92</b>	<b>92</b>

## Maturity Date of the Reference Obligations

Maturity Date (year)	Number of Reference Obligations	Aggregate Principal Balance (\$)	Aggregate Principal Balance (%)*	Average Principal Balance (\$)	Weighted Average Original Mortgage Rate (%)	Non-Zero Weighted Average Original Credit Score	Weighted Average Original LTV Ratio (%)	Weighted Average Original CLTV Ratio (%)
2045	2	493,855.48	0.00	246,927.74	3.197	734	83	83
2046	18	6,270,550.10	0.05	348,363.89	2.916	765	88	88
2047	34	7,264,660.28	0.05	213,666.48	3.101	755	87	87
2048	4	604,556.78	0.00	151,139.20	3.371	762	88	88
2049	25	6,234,149.03	0.05	249,365.96	3.079	746	86	86
2050	23	8,073,765.99	0.06	351,033.30	3.044	763	85	85
2051	11,222	4,249,661,380.74	31.71	378,690.20	3.141	753	92	92
2052	26,428	9,124,748,845.89	68.08	345,268.23	3.223	751	92	92
<b>Total/Weighted Average:</b>	<b>37,756</b>	<b>13,403,351,764.29</b>	<b>100.00</b>	<b>354,999.25</b>	<b>3.197</b>	<b>751</b>	<b>92</b>	<b>92</b>

## First Time Homebuyer

First Time Homebuyer	Number of Reference Obligations	Aggregate Principal Balance (\$)	Aggregate Principal Balance (%)*	Average Principal Balance (\$)	Weighted Average Original Mortgage Rate (%)	Non-Zero Weighted Average Original Credit Score	Weighted Average Original LTV Ratio (%)	Weighted Average Original CLTV Ratio (%)
Yes	19,925	7,070,922,487.32	52.75	354,876.91	3.199	750	93	93
No	17,831	6,332,429,276.97	47.25	355,135.96	3.195	753	91	91
<b>Total/Weighted Average:</b>	<b>37,756</b>	<b>13,403,351,764.29</b>	<b>100.00</b>	<b>354,999.25</b>	<b>3.197</b>	<b>751</b>	<b>92</b>	<b>92</b>

\* Amounts may not add up to the totals shown due to rounding.

## Number of Borrowers

Number of Borrowers	Number of Reference Obligations	Aggregate Principal Balance (\$)	Aggregate Principal Balance (%)*	Average Principal Balance (\$)	Weighted Average Original Mortgage Rate (%)	Non-Zero Weighted Average Original Credit Score	Weighted Average Original LTV Ratio (%)	Weighted Average Original CLTV Ratio (%)
1 . . . . .	20,849	6,810,470,665.16	50.81	326,656.95	3.177	759	92	92
2 . . . . .	16,370	6,366,086,919.24	47.50	388,887.41	3.214	744	92	92
3 . . . . .	469	194,259,330.24	1.45	414,199.00	3.313	726	92	92
4 . . . . .	67	32,259,533.19	0.24	481,485.57	3.377	724	92	92
5 . . . . .	1	275,316.46	0.00	275,316.46	4.625	733	85	85
<b>Total/Weighted Average:</b>	<b>37,756</b>	<b>13,403,351,764.29</b>	<b>100.00</b>	<b>354,999.25</b>	<b>3.197</b>	<b>751</b>	<b>92</b>	<b>92</b>

## Number of Units

Number of Units	Number of Reference Obligations	Aggregate Principal Balance (\$)	Aggregate Principal Balance (%)*	Average Principal Balance (\$)	Weighted Average Original Mortgage Rate (%)	Non-Zero Weighted Average Original Credit Score	Weighted Average Original LTV Ratio (%)	Weighted Average Original CLTV Ratio (%)
1 . . . . .	37,507	13,297,605,641.37	99.21	354,536.64	3.196	751	92	92
2 . . . . .	245	104,494,926.95	0.78	426,509.91	3.338	757	85	85
3 . . . . .	3	875,273.98	0.01	291,757.99	3.029	770	90	90
4 . . . . .	1	375,921.99	0.00	375,921.99	3.125	744	85	85
<b>Total/Weighted Average:</b>	<b>37,756</b>	<b>13,403,351,764.29</b>	<b>100.00</b>	<b>354,999.25</b>	<b>3.197</b>	<b>751</b>	<b>92</b>	<b>92</b>

## Lien Position of the Reference Obligations at Origination

Lien Position	Number of Reference Obligations	Aggregate Principal Balance (\$)	Aggregate Principal Balance (%)*	Average Principal Balance (\$)	Weighted Average Original Mortgage Rate (%)	Non-Zero Weighted Average Original Credit Score	Weighted Average Original LTV Ratio (%)	Weighted Average Original CLTV Ratio (%)
First Lien . . . . .	37,756	13,403,351,764.29	100.00	354,999.25	3.197	751	92	92
<b>Total/Weighted Average:</b>	<b>37,756</b>	<b>13,403,351,764.29</b>	<b>100.00</b>	<b>354,999.25</b>	<b>3.197</b>	<b>751</b>	<b>92</b>	<b>92</b>

## Reference Obligations with Subordinate Financing at Origination

Reference Obligations with Subordinate Financing at Origination	Number of Reference Obligations	Aggregate Principal Balance (\$)	Aggregate Principal Balance (%)*	Average Principal Balance (\$)	Weighted Average Original Mortgage Rate (%)	Non-Zero Weighted Average Original Credit Score	Weighted Average Original LTV Ratio (%)	Weighted Average Original CLTV Ratio (%)
No . . . . .	37,708	13,384,221,054.33	99.86	354,943.81	3.197	751	92	92
Yes . . . . .	48	19,130,709.96	0.14	398,556.46	3.346	753	86	92
<b>Total/Weighted Average:</b>	<b>37,756</b>	<b>13,403,351,764.29</b>	<b>100.00</b>	<b>354,999.25</b>	<b>3.197</b>	<b>751</b>	<b>92</b>	<b>92</b>

## Mortgage Insurance Coverage Level

Mortgage Insurance Coverage Level (%)	Number of Reference Obligations	Aggregate Principal Balance (\$)	Aggregate Principal Balance (%)*	Average Principal Balance (\$)	Weighted Average Original Mortgage Rate (%)	Non-Zero Weighted Average Original Credit Score	Weighted Average Original LTV Ratio (%)	Weighted Average Original CLTV Ratio (%)
None . . . . .	1,155	378,366,374.54	2.82	327,589.93	3.127	760	90	90
1 to 15 . . . . .	4,718	1,711,468,491.62	12.77	362,752.97	3.213	750	84	85
16 to 25 . . . . .	12,944	4,413,549,172.35	32.93	340,972.59	3.182	752	90	90
26 to 30 . . . . .	17,780	6,551,743,888.62	48.88	368,489.53	3.196	751	95	95
31 to 55 . . . . .	1,159	348,223,837.16	2.60	300,451.97	3.397	743	97	97
<b>Total/Weighted Average:</b>	<b>37,756</b>	<b>13,403,351,764.29</b>	<b>100.00</b>	<b>354,999.25</b>	<b>3.197</b>	<b>751</b>	<b>92</b>	<b>92</b>

\* Amounts may not add up to the totals shown due to rounding.

## Mortgage Insurance Cancellation Indicator

<u>Mortgage Insurance Cancellation Indicator</u>	<u>Number of Reference Obligations</u>	<u>Aggregate Principal Balance (\$)</u>	<u>Aggregate Principal Balance (%)*</u>	<u>Average Principal Balance (\$)</u>	<u>Weighted Average Original Mortgage Rate (%)</u>	<u>Non-Zero Weighted Average Original Credit Score</u>	<u>Weighted Average Original LTV Ratio (%)</u>	<u>Weighted Average Original CLTV Ratio (%)</u>
No . . . . .	36,601	13,024,985,389.75	97.18	355,864.19	3.199	751	92	92
Yes . . . . .	1,077	350,980,948.79	2.62	325,887.60	3.124	761	90	90
Not Applicable . . . . .	78	27,385,425.75	0.20	351,095.20	3.170	749	87	87
<b>Total/Weighted Average:</b>	<b><u>37,756</u></b>	<b><u>13,403,351,764.29</u></b>	<b><u>100.00</u></b>	<b><u>354,999.25</u></b>	<b><u>3.197</u></b>	<b><u>751</u></b>	<b><u>92</u></b>	<b><u>92</u></b>

## Mortgage Insurance Type

<u>Mortgage Insurance Type</u>	<u>Number of Reference Obligations</u>	<u>Aggregate Principal Balance (\$)</u>	<u>Aggregate Principal Balance (%)*</u>	<u>Average Principal Balance (\$)</u>	<u>Weighted Average Original Mortgage Rate (%)</u>	<u>Non-Zero Weighted Average Original Credit Score</u>	<u>Weighted Average Original LTV Ratio (%)</u>	<u>Weighted Average Original CLTV Ratio (%)</u>
Borrower Paid . . . . .	37,231	13,191,402,846.59	98.42	354,312.34	3.198	751	92	92
Lender Paid . . . . .	447	184,563,491.95	1.38	412,893.72	3.142	764	88	88
Not Applicable . . . . .	78	27,385,425.75	0.20	351,095.20	3.170	749	87	87
<b>Total/Weighted Average:</b>	<b><u>37,756</u></b>	<b><u>13,403,351,764.29</u></b>	<b><u>100.00</u></b>	<b><u>354,999.25</u></b>	<b><u>3.197</u></b>	<b><u>751</u></b>	<b><u>92</u></b>	<b><u>92</u></b>

## Delinquency Status of the Reference Obligations as of March 31, 2023

<u>Delinquency Status</u>	<u>Number of Reference Obligations</u>	<u>Aggregate Principal Balance (\$)</u>	<u>Aggregate Principal Balance (%)*</u>	<u>Average Principal Balance (\$)</u>	<u>Weighted Average Original Mortgage Rate (%)</u>	<u>Non-Zero Weighted Average Original Credit Score</u>	<u>Weighted Average Original LTV Ratio (%)</u>	<u>Weighted Average Original CLTV Ratio (%)</u>
Current . . . . .	37,756	13,403,351,764.29	100.00	354,999.25	3.197	751	92	92
<b>Total/Weighted Average:</b>	<b><u>37,756</u></b>	<b><u>13,403,351,764.29</u></b>	<b><u>100.00</u></b>	<b><u>354,999.25</u></b>	<b><u>3.197</u></b>	<b><u>751</u></b>	<b><u>92</u></b>	<b><u>92</u></b>

## Historical Delinquency Status of the Reference Obligations as of March 31, 2023

<u>Historical Delinquency Status</u>	<u>Number of Reference Obligations</u>	<u>Aggregate Principal Balance (\$)</u>	<u>Aggregate Principal Balance (%)*</u>	<u>Average Principal Balance (\$)</u>	<u>Weighted Average Original Mortgage Rate (%)</u>	<u>Non-Zero Weighted Average Original Credit Score</u>	<u>Weighted Average Original LTV Ratio (%)</u>	<u>Weighted Average Original CLTV Ratio (%)</u>
Never Delinquent . . . . .	37,756	13,403,351,764.29	100.00	354,999.25	3.197	751	92	92
<b>Total/Weighted Average:</b>	<b><u>37,756</u></b>	<b><u>13,403,351,764.29</u></b>	<b><u>100.00</u></b>	<b><u>354,999.25</u></b>	<b><u>3.197</u></b>	<b><u>751</u></b>	<b><u>92</u></b>	<b><u>92</u></b>

## Property Valuation Method

<u>Property Valuation Method</u>	<u>Number of Reference Obligations</u>	<u>Aggregate Principal Balance (\$)</u>	<u>Aggregate Principal Balance (%)*</u>	<u>Average Principal Balance (\$)</u>	<u>Weighted Average Original Mortgage Rate (%)</u>	<u>Non-Zero Weighted Average Original Credit Score</u>	<u>Weighted Average Original LTV Ratio (%)</u>	<u>Weighted Average Original CLTV Ratio (%)</u>
Full Appraisal . . . . .	37,199	13,226,597,428.09	98.68	355,563.25	3.198	751	92	92
Automated Collateral Evaluation . . . . .	524	165,773,995.90	1.24	316,362.59	3.107	745	85	85
Other . . . . .	33	10,980,340.30	0.08	332,737.58	3.097	754	91	91
<b>Total/Weighted Average:</b>	<b><u>37,756</u></b>	<b><u>13,403,351,764.29</u></b>	<b><u>100.00</u></b>	<b><u>354,999.25</u></b>	<b><u>3.197</u></b>	<b><u>751</u></b>	<b><u>92</u></b>	<b><u>92</u></b>

\* Amounts may not add up to the totals shown due to rounding.



### THIRD-PARTY DILIGENCE PROVIDERS' DATA INTEGRITY REVIEW DISCREPANCIES\*

B-1

[illegible]

[illegible]

	PC Securitization			Third-Party Diligence	
Loan Identifier	Month-Year	Record Type	Loan File Data	Providers' Data	
Not In Initial Cohort Pool	Apr-22	Original Debt-to-Income (DTI) Ratio	41		54
Not In Initial Cohort Pool	Apr-22	Original Debt-to-Income (DTI) Ratio	47		53
Not In Initial Cohort Pool	Apr-22	Original Debt-to-Income (DTI) Ratio	999		19
Not In Initial Cohort Pool	Apr-22	Original Debt-to-Income (DTI) Ratio	999		24
Not In Initial Cohort Pool	Apr-22	Original Debt-to-Income (DTI) Ratio	999		26
Not In Initial Cohort Pool	Apr-22	Original Debt-to-Income (DTI) Ratio	999		28
Not In Initial Cohort Pool	Apr-22	Original Debt-to-Income (DTI) Ratio	999		29
Not In Initial Cohort Pool	Apr-22	Original Debt-to-Income (DTI) Ratio	999		29
Not In Initial Cohort Pool	Apr-22	Original Debt-to-Income (DTI) Ratio	999		30
Not In Initial Cohort Pool	Apr-22	Original Debt-to-Income (DTI) Ratio	999		30
Not In Initial Cohort Pool	Apr-22	Original Debt-to-Income (DTI) Ratio	999		32
Not In Initial Cohort Pool	Apr-22	Original Debt-to-Income (DTI) Ratio	999		35
Not In Initial Cohort Pool	Apr-22	Original Debt-to-Income (DTI) Ratio	999		37
Not In Initial Cohort Pool	Apr-22	Original Debt-to-Income (DTI) Ratio	999		37
Not In Initial Cohort Pool	Apr-22	Original Debt-to-Income (DTI) Ratio	999		39
Not In Initial Cohort Pool	Apr-22	Original Debt-to-Income (DTI) Ratio	999		39
Not In Initial Cohort Pool	Apr-22	Original Debt-to-Income (DTI) Ratio	999		40
Not In Initial Cohort Pool	Apr-22	Original Debt-to-Income (DTI) Ratio	999		40
Not In Initial Cohort Pool	Apr-22	Original Debt-to-Income (DTI) Ratio	999		41
Not In Initial Cohort Pool	Apr-22	Original Debt-to-Income (DTI) Ratio	999		41
Not In Initial Cohort Pool	Apr-22	Original Debt-to-Income (DTI) Ratio	999		42
Not In Initial Cohort Pool	Apr-22	Original Debt-to-Income (DTI) Ratio	999		42
Not In Initial Cohort Pool	Apr-22	Original Debt-to-Income (DTI) Ratio	999		42
Not In Initial Cohort Pool	Apr-22	Original Debt-to-Income (DTI) Ratio	999		45
Not In Initial Cohort Pool	Apr-22	Original Debt-to-Income (DTI) Ratio	999		47
Not In Initial Cohort Pool	Apr-22	Original Debt-to-Income (DTI) Ratio	999		49
Not In Initial Cohort Pool	Apr-22	Original Debt-to-Income (DTI) Ratio	999		68
Not In Initial Cohort Pool	Apr-22	Original Interest Rate	4		3.455
Not In Initial Cohort Pool	Apr-22	Property Type	PUD		Condo
Not In Initial Cohort Pool	Apr-22	Property Type	Single-Family		PUD
Not In Initial Cohort Pool	Apr-22	Property Type	Single-Family		PUD
Not In Initial Cohort Pool	Apr-22	Property Type	Single-Family		PUD
Not In Initial Cohort Pool	Apr-22	Property Type	Single-Family		PUD
Not In Initial Cohort Pool	Apr-22	Property Type	Single-Family		PUD
Not In Initial Cohort Pool	Apr-22	Property Type	Single-Family		PUD
Not In Initial Cohort Pool	Mar-22	First-time Homebuyer	No		Yes
Not In Initial Cohort Pool	Mar-22	First-time Homebuyer	No		Yes
Not In Initial Cohort Pool	Mar-22	First-time Homebuyer	No		Yes
Not In Initial Cohort Pool	Mar-22	First-time Homebuyer	No		Yes
Not In Initial Cohort Pool	Mar-22	First-time Homebuyer	No		Yes
Not In Initial Cohort Pool	Mar-22	First-time Homebuyer	No		Yes
Not In Initial Cohort Pool	Mar-22	First-time Homebuyer	No		Yes
Not In Initial Cohort Pool	Mar-22	First-time Homebuyer	No		Yes
Not In Initial Cohort Pool	Mar-22	First-time Homebuyer	Yes		No
Not In Initial Cohort Pool	Mar-22	First-time Homebuyer	Yes		No
Not In Initial Cohort Pool	Mar-22	First-time Homebuyer	Yes		No
Not In Initial Cohort Pool	Mar-22	First-time Homebuyer	Yes		No
Not In Initial Cohort Pool	Mar-22	Maturity Date	02/2052		04/2052
Not In Initial Cohort Pool	Mar-22	Mortgage Insurance Percentage	25		35
Not In Initial Cohort Pool	Mar-22	Mortgage Insurance Percentage	30		25
Not In Initial Cohort Pool	Mar-22	Original Combined Loan-To-Value (CLTV)	66		67
Not In Initial Cohort Pool	Mar-22	Original Combined Loan-To-Value (CLTV)	80		90
Not In Initial Cohort Pool	Mar-22	Original Debt-to-Income (DTI) Ratio	20		30
Not In Initial Cohort Pool	Mar-22	Original Debt-to-Income (DTI) Ratio	24		41
Not In Initial Cohort Pool	Mar-22	Original Debt-to-Income (DTI) Ratio	32		66
Not In Initial Cohort Pool	Mar-22	Original Debt-to-Income (DTI) Ratio	33		42
Not In Initial Cohort Pool	Mar-22	Original Debt-to-Income (DTI) Ratio	34		28
Not In Initial Cohort Pool	Mar-22	Original Debt-to-Income (DTI) Ratio	35		60
Not In Initial Cohort Pool	Mar-22	Original Debt-to-Income (DTI) Ratio	42		62
Not In Initial Cohort Pool	Mar-22	Original Debt-to-Income (DTI) Ratio	45		48
Not In Initial Cohort Pool	Mar-22	Original Loan-To-Value (LTV)	66		67
Not In Initial Cohort Pool	Mar-22	Property Type	Single-Family		PUD
Not In Initial Cohort Pool	Mar-22	Property Type	Single-Family		PUD
Not In Initial Cohort Pool	Feb-22	Credit Score	620		641
Not In Initial Cohort Pool	Feb-22	Credit Score	662		622
Not In Initial Cohort Pool	Feb-22	First-time Homebuyer	No		Yes
Not In Initial Cohort Pool	Feb-22	First-time Homebuyer	No		Yes
Not In Initial Cohort Pool	Feb-22	First-time Homebuyer	No		Yes
Not In Initial Cohort Pool	Feb-22	First-time Homebuyer	No		Yes
Not In Initial Cohort Pool	Feb-22	First-time Homebuyer	No		Yes
Not In Initial Cohort Pool	Feb-22	First-time Homebuyer	Yes		No
Not In Initial Cohort Pool	Feb-22	First-time Homebuyer	Yes		No
Not In Initial Cohort Pool	Feb-22	Number of units	2		4
Not In Initial Cohort Pool	Feb-22	Original Combined Loan-To-Value (CLTV)	74		80
Not In Initial Cohort Pool	Feb-22	Original Debt-to-Income (DTI) Ratio	28		37</

Loan Identifier	PC Securitization Month-Year	Record Type	Loan File Data	Third-Party Diligence Providers' Data
Not In Initial Cohort Pool	Jan-22	First-time Homebuyer	No	Yes
Not In Initial Cohort Pool	Jan-22	First-time Homebuyer	No	Yes
Not In Initial Cohort Pool	Jan-22	First-time Homebuyer	No	Yes
Not In Initial Cohort Pool	Jan-22	First-time Homebuyer	No	Yes
Not In Initial Cohort Pool	Jan-22	First-time Homebuyer	No	Yes
Not In Initial Cohort Pool	Jan-22	First-time Homebuyer	Yes	No
Not In Initial Cohort Pool	Jan-22	Loan Purpose	Refinance - No Cash Out	Refinance - Cash Out
Not In Initial Cohort Pool	Jan-22	Loan Purpose	Refinance - No Cash Out	Refinance - Cash Out
23HQA1011153	Jan-22	Mortgage Insurance Percentage	12	25
Not In Initial Cohort Pool	Jan-22	Original Debt-to-Income (DTI) Ratio	24	32
Not In Initial Cohort Pool	Jan-22	Original Debt-to-Income (DTI) Ratio	26	32
23HQA1034829	Jan-22	Original Debt-to-Income (DTI) Ratio	27	36
23HQA1027381	Jan-22	Original Debt-to-Income (DTI) Ratio	30	43
Not In Initial Cohort Pool	Jan-22	Original Debt-to-Income (DTI) Ratio	36	22
23HQA1000007	Jan-22	Original Debt-to-Income (DTI) Ratio	38	31
23HQA1027447	Jan-22	Original Debt-to-Income (DTI) Ratio	39	46
Not In Initial Cohort Pool	Jan-22	Original Debt-to-Income (DTI) Ratio	44	50
23HQA1008096	Jan-22	Property Type	PUD	Single-Family
Not In Initial Cohort Pool	Jan-22	Property Type	Single-Family	PUD
Not In Initial Cohort Pool	Jan-22	Property Type	Single-Family	PUD
Not In Initial Cohort Pool	Jan-22	Property Type	Single-Family	PUD
Not In Initial Cohort Pool	Jan-22	Property Type	Single-Family	PUD
Not In Initial Cohort Pool	Jan-22	Property Type	Single-Family	PUD
Not In Initial Cohort Pool	Dec-21	First-time Homebuyer	No	Yes
Not In Initial Cohort Pool	Dec-21	First-time Homebuyer	No	Yes
Not In Initial Cohort Pool	Dec-21	First-time Homebuyer	No	Yes
Not In Initial Cohort Pool	Dec-21	First-time Homebuyer	No	Yes
Not In Initial Cohort Pool	Dec-21	First-time Homebuyer	No	Yes
Not In Initial Cohort Pool	Dec-21	First-time Homebuyer	No	Yes
Not In Initial Cohort Pool	Dec-21	First-time Homebuyer	No	Yes
Not In Initial Cohort Pool	Dec-21	First-time Homebuyer	No	Yes
Not In Initial Cohort Pool	Dec-21	First-time Homebuyer	No	Yes
Not In Initial Cohort Pool	Dec-21	First-time Homebuyer	Yes	No
Not In Initial Cohort Pool	Dec-21	First-time Homebuyer	Yes	No
Not In Initial Cohort Pool	Dec-21	First-time Homebuyer	Yes	No
Not In Initial Cohort Pool	Dec-21	First-time Homebuyer	Yes	No
Not In Initial Cohort Pool	Dec-21	First-time Homebuyer	Yes	No
Not In Initial Cohort Pool	Dec-21	Original Debt-to-Income (DTI) Ratio	11	17
Not In Initial Cohort Pool	Dec-21	Original Debt-to-Income (DTI) Ratio	19	43
Not In Initial Cohort Pool	Dec-21	Original Debt-to-Income (DTI) Ratio	22	41
Not In Initial Cohort Pool	Dec-21	Original Debt-to-Income (DTI) Ratio	30	36
Not In Initial Cohort Pool	Dec-21	Original Debt-to-Income (DTI) Ratio	38	30
Not In Initial Cohort Pool	Dec-21	Original Debt-to-Income (DTI) Ratio	40	50
Not In Initial Cohort Pool	Dec-21	Original Debt-to-Income (DTI) Ratio	43	30
Not In Initial Cohort Pool	Dec-21	Original Debt-to-Income (DTI) Ratio	48	55
Not In Initial Cohort Pool	Dec-21	Original Debt-to-Income (DTI) Ratio	50	41
Not In Initial Cohort Pool	Dec-21	Property Type	Single-Family	PUD
Not In Initial Cohort Pool	Dec-21	Property Type	Single-Family	PUD
Not In Initial Cohort Pool	Dec-21	Property Type	Single-Family	PUD
Not In Initial Cohort Pool	Dec-21	Property Type	Single-Family	PUD
Not In Initial Cohort Pool	Dec-21	Property Type	Single-Family	PUD
Not In Initial Cohort Pool	Dec-21	Property Type	Single-Family	PUD
Not In Initial Cohort Pool	Dec-21	Property Type	Single-Family	PUD

\* Exclusive of original DTI discrepancies with differences that were greater than or equal to 2% and less than or equal to 5% either way.

## Appendix C

### ASSUMED CHARACTERISTICS OF THE REFERENCE OBLIGATIONS (AS OF THE CUT-OFF DATE)

Group Number	Outstanding Principal Balance (\$)	Remaining Term to Maturity (months)	Original Term to Maturity (months)	Per Annum Interest Rate (%)
1	1,681,774.31	345	360	2.250
2	855,564.89	345	360	2.375
3	6,994,561.36	345	360	2.537
4	118,013,435.30	345	359	2.649
5	651,896,559.84	345	360	2.776
6	2,752,047,516.66	345	360	2.939
7	1,050,892,552.48	345	360	3.021
8	2,480,530,114.41	346	360	3.137
9	2,809,806,347.83	346	360	3.255
10	1,693,591,647.72	346	360	3.386
11	764,577,420.14	346	360	3.503
12	391,649,444.75	346	360	3.627
13	225,184,274.75	346	360	3.755
14	282,319,016.68	346	360	3.898
15	40,937,500.21	346	360	4.002
16	48,992,979.41	346	360	4.125
17	30,142,656.09	346	360	4.251
18	24,557,959.52	346	360	4.383
19	13,269,428.58	345	360	4.500
20	7,522,169.94	346	360	4.625
21	4,046,496.39	346	360	4.750
22	1,449,879.98	346	360	4.875
23	1,742,649.00	345	360	5.002
24	649,814.05	347	360	5.125



## **Appendix D**

### **SELLING RESTRICTIONS**

The Initial Purchasers will agree to comply with the selling restrictions set forth below.

#### **Canada**

Each Initial Purchaser, severally and not jointly, will represent, warrant and agree that:

(a) the sale and delivery of any Notes to a Canadian Purchaser by such Initial Purchaser shall be made so as to be exempt from the prospectus filing requirements and exempt from, or in compliance with, the dealer registration requirements of all applicable Canadian Securities Laws;

(b) (i) the Initial Purchaser is an investment dealer as defined in section 1.1 of National Instrument 31-103 Registration Requirements, Exemptions and Ongoing Registrant Obligations; or (ii) any sale and delivery of any Notes to a Canadian Purchaser will be made through (A) an affiliate of the relevant Initial Purchaser that is a registered investment dealer, exempt market dealer or restricted dealer; or (B) in compliance with the international dealer exemption from the dealer registration requirements, and otherwise in compliance with the representations, warranties, and agreements set out herein;

(c) each Canadian Purchaser is entitled under the Canadian Securities Laws to acquire the Notes without a prospectus qualified under the Canadian Securities Laws, and such purchaser, (A) is a “permitted client” as defined in section 1.1 of NI 31-103 and an “accredited investor” as defined in section 73.3 of the Securities Act (Ontario) and National Instrument 45-106 Prospectus Exemptions and is a person to which an Initial Purchaser relying on the international dealer exemption from the dealer registration requirements or an Initial Purchaser registered as a restricted dealer may sell the Notes, or (B) is an “accredited investor” as defined in section 73.3 of the Securities Act (Ontario) and in NI 45-106 who is purchasing the Notes from a registered investment dealer or exempt market dealer;

(d) it will ensure that each Canadian Purchaser purchasing from it (i) has represented to it that such Canadian Purchaser is resident in Canada; (ii) has represented to it which categories set forth in the relevant definition of “accredited investor” as defined in section 73.3 of the Securities Act (Ontario) and NI 45-106 or “permitted client” in section 1.1 of NI 31-103, or both, as applicable, correctly describes such Canadian Purchaser; and (iii) consents to disclosure of all required information about the purchase to the relevant Canadian securities regulators or regulatory authorities;

(e) it has not provided and will not provide to any Canadian Purchaser any document or other material that would constitute an offering memorandum (other than the offering materials described in the Note Purchase Agreement with respect to the private placement of the Notes in Canada) within the meaning of the Canadian Securities Laws;

(f) it has not made and it will not make any written or oral representations to any Canadian Purchaser:

(i) that any person will resell or repurchase the Notes purchased by such Canadian Purchaser;

(ii) that the Notes will be freely tradeable by the Canadian Purchaser without any restrictions or hold periods;

(iii) that any person will refund the purchase price of the Notes; or

(iv) as to the future price or value of the Notes; and

(g) it will inform each Canadian Purchaser that:

(i) we are not a “reporting issuer” and are not, and may never be, a reporting issuer in any province or territory of Canada and there currently is no public market in Canada for any of the Notes, and one may never develop;

(ii) the Notes will be subject to resale restrictions under applicable Securities Law; and

(iii) such Canadian Purchaser’s name and other specified information will be disclosed to the relevant Canadian securities regulators or regulatory authorities and may become available to the public in accordance with applicable laws.

## **European Economic Area**

Each Initial Purchaser represents, warrants and agrees, severally and not jointly, that it has not offered, sold or otherwise made available and will not offer, sell or otherwise make available any Notes to any EEA Retail Investor in the European Economic Area. For the purposes of this provision: (a) the expression “EEA Retail Investor” means a person who is one (or more) of the following: (i) a retail client as defined in point (11) of Article 4(1) of Directive 2014/65/EU (as amended, “MiFID II”); or (ii) a customer within the meaning of Directive (EU) 2016/97, where that customer would not qualify as a professional client as defined in point (10) of Article 4(1) of MiFID II; or (iii) not a qualified investor as defined in Article 2 of Regulation (EU) 2017/1129 (as amended, the “EU Prospectus Regulation”); and (b) the expression “offer” includes the communication in any form and by any means of sufficient information on the terms of the offer and the Notes to be offered so as to enable an investor to decide to purchase or subscribe for the Notes.

## **Japan**

The Notes have not been and will not be registered under FIEA and, accordingly, each Initial Purchaser undertakes that it will not offer or sell any Notes directly or indirectly, in Japan or to, or for the benefit of, any resident of Japan or to others for re-offering or resale, directly or indirectly, in Japan or to any resident of Japan except pursuant to an exemption from the registration requirements of, and otherwise in compliance with the FIEA and other relevant laws and regulations of Japan. As used in this paragraph, “resident of Japan” means any person resident in Japan, including any corporation or other entity organised under the laws of Japan.

## **Korea**

The Trust is not making any representation with respect to eligibility of any recipients of this Memorandum to acquire the Notes referred to herein under the laws of Korea. The Notes offered under this Memorandum have not been and will not be registered with the Financial Services Commission of Korea for public offering in Korea under FSCMA and are therefore subject to certain transfer restrictions. The Notes may not be offered, sold or delivered, directly or indirectly, or offered or sold to any person for re-offering or resale, directly or indirectly, in Korea or to any resident of Korea (as defined in the Foreign Exchange Transaction Law of Korea) except pursuant to the applicable laws and regulations of Korea, including the FSCMA and the Foreign Exchange Transaction Law and the decrees and regulations thereunder.

## **People’s Republic of China (“PRC”, for the sole purpose herein, excluding the Hong Kong and Macau Special Administrative Regions and Taiwan)**

The Notes may not be offered or sold directly or indirectly within the PRC. The offering material or information contained herein relating to the Notes, which has not been and will not be submitted to or approved/verified by or registered with any relevant governmental authorities in the PRC (including but not limited to the China Securities Regulatory Commission (“CSRC”)), may not be supplied to the public in the PRC or used in connection with any offer for the subscription or sale of the Notes in the PRC. The offering material or information contained herein relating to the Notes does not constitute an offer to sell or the solicitation of an offer to buy any securities in the PRC. The Notes may only be purchased by PRC investors that are authorized to engage in the purchase of notes of the type being offered or sold, including but not limited to those that are authorized to engage in the purchase and sale of foreign exchange for themselves and on behalf of their customers and/or the purchase and sale of government bonds or financial bonds and/or the purchase and sale of debt securities denominated in foreign currency other than stocks. PRC investors are responsible for informing themselves about and observing all legal and regulatory restrictions, obtaining all relevant approvals/licenses, verification and/or registrations themselves from relevant governmental authorities (including but not limited to the People’s Bank of China, CSRC, the State Administration of Foreign Exchange, the China Banking and Insurance Regulatory Commission and other relevant regulatory bodies), and complying with all relevant PRC regulations, including, but not limited to, all relevant foreign exchange regulations and/or foreign investment regulations.

## Singapore

This Memorandum has not been, and will not be, registered as a prospectus with the Monetary Authority of Singapore (the “MAS”), and the Notes will be offered pursuant to exemptions under the SFA. Accordingly, this Memorandum or any other document or material in connection with the offer or sale, or invitation for subscription or purchase, of the Notes may not be circulated or distributed, nor may the Notes be offered or sold, or be made the subject of an invitation for subscription or purchase, whether directly or indirectly, to any persons in Singapore other than (i) to an institutional investor (as defined in Section 4A of the SFA) pursuant to Section 274 of the SFA, (ii) to a relevant person (as defined in Section 275(2) of the SFA) pursuant to Section 275(1) of the SFA, or any person pursuant to Section 275(1A) of the SFA, and in accordance with the conditions specified in Section 275 of the SFA and (where applicable) Regulation 3 of the Securities and Futures (Classes of Investors) Regulations 2018 of Singapore or (iii) otherwise pursuant to, and in accordance with the conditions of, any other applicable provision of the SFA.

Where the Notes are subscribed or purchased in reliance of an exemption under Section 274 or 275 of the SFA, the Notes shall not be sold within the period of six (6) months from the date of the initial acquisition of the Notes, except to any of the following persons:

- (i) an institutional investor (as defined in Section 4A of the SFA);
- (ii) a relevant person (as defined in Section 275(2) of the SFA); or
- (iii) any person pursuant to an offer referred to in Section 275(1A) of the SFA,

unless expressly specified otherwise in Section 276(7) of the SFA or Regulation 37A of the Securities and Futures (Offers of Investments) (Securities and Securities-based Derivatives Contracts) Regulations 2018 of Singapore.

Where the Notes are subscribed or purchased under Section 275 of the SFA by a relevant person which is:

- (a) a corporation (which is not an accredited investor (as defined in Section 4A of the SFA)) the sole business of which is to hold investments and the entire share capital of which is owned by one or more individuals, each of whom is an accredited investor; or
- (b) a trust (where the trustee is not an accredited investor) whose sole purpose is to hold investments and each beneficiary of the trust is an individual who is an accredited investor,

securities or securities-based derivatives contracts (each term as defined in Section 2(1) of the SFA) of that corporation or the beneficiaries’ rights and interest (howsoever described) in that trust shall not be transferred within six (6) months after that corporation or that trust has acquired the Notes pursuant to an offer made under Section 275 of the SFA except:

- (1) to an institutional investor or to a relevant person (as defined in Section 275(2) of the SFA), or (in the case of such corporation) where the transfer arises from an offer referred to in Section 276(3)(i)(B) of the SFA or (in the case of such trust) where the transfer arises from an offer referred to in Section 275(1A) or Section 276(4)(i)(B) of the SFA;
- (2) where no consideration is or will be given for the transfer;
- (3) where the transfer is by operation of law;
- (4) as specified in Section 276(7) of the SFA; or
- (5) as specified in Regulation 37A of the Securities and Futures (Offers of Investments) (Securities and Securities-based Derivatives Contracts) Regulations 2018 of Singapore.

Any reference to any term as defined in the SFA or any provision in the SFA is a reference to that term as modified or amended from time to time including by such of its subsidiary legislation as may be applicable at the relevant time.

## **Spain**

The Notes may not be offered or sold in Spain other than by institutions authorised under the consolidated text of the Securities Market Law approved by Royal Legislative Decree 4/2015 of 23 October (Real Decreto Legislativo 4/2015, de 23 de octubre, por el que se aprueba el texto refundido de la Ley del Mercado de Valores) (the “Spanish Securities Market Law”), Royal Decree 217/2008 of 15 February on the legal regime applicable to investment services companies (Real Decreto 217/2008, de 15 de febrero, sobre el régimen jurídico de las empresas de servicios de inversión y de las demás entidades que prestan servicios de inversión) and related legislation to provide investment services in Spain and in accordance with the provisions of the Spanish Securities Market Law and further developing legislation.

Neither the Notes nor this Memorandum have been registered with the Spanish Securities Markets Commission (Comisión Nacional del Mercado de Valores). Accordingly, the Notes may not be offered, sold or distributed, nor may any subsequent resale of Notes be carried out in Spain, except in circumstances which do not require the registration of a prospectus in Spain or without complying with all legal and regulatory requirements under Spanish securities laws.

## **Taiwan**

The Notes have not been and will not be registered with the Financial Supervisory Commission of Taiwan, the Republic of China pursuant to relevant securities laws and regulations and may not be offered or sold in Taiwan, the Republic of China through a public offering or in circumstance which constitutes an offer within the meaning of the Securities and Exchange Act of Taiwan, the Republic of China that requires a registration or approval of the Financial Supervisory Commission of Taiwan, the Republic of China. No person or entity in Taiwan, the Republic of China has been authorized to offer or sell the Notes in Taiwan, the Republic of China.

## **United Kingdom**

Each of the Initial Purchasers will represent, warrant and agree, severally and not jointly, that (a) it has not offered, sold or otherwise made available and will not offer, sell or otherwise make available any Notes to any UK Retail Investor in the UK. For the purposes of this provision: (a) the expression “UK Retail Investor” means a person who is one (or more) of the following: (i) a retail client as defined in point (8) of Article 2 of Regulation (EU) 2017/565 as it forms part of UK domestic law by virtue of the European Union (Withdrawal) Act 2018 (as amended, the “EUWA”); or (ii) a customer within the meaning of the provisions of the Financial Services and Markets Act 2000 (as amended, the “FSMA”) and any rules or regulations made under the FSMA to implement Directive (EU) 2016/97, where that customer would not qualify as a professional client, as defined in point (8) of Article 2(1) of Regulation (EU) No 600/2014 as it forms part of UK domestic law by virtue of the EUWA; or (iii) not a qualified investor as defined in Article 2 of Regulation (EU) 2017/1129 as it forms part of UK domestic law by virtue of the EUWA; and (b) the expression “offer” includes the communication in any form and by any means of sufficient information on the terms of the offer and the Notes to be offered so as to enable an investor to decide to purchase or subscribe for the Notes, (b) it has only communicated or caused to be communicated and will only communicate or cause to be communicated any invitation or inducement to engage in investment activity, within the meaning of section 21 of the FSMA, received by it in connection with the issue or sale of any Notes in circumstances in which section 21(1) of the FSMA does not apply to the Trust and (c) it has complied and will comply with all applicable provisions of the FSMA with respect to anything done by it in relation to the Notes in, from or otherwise involving the United Kingdom.

## Appendix E

### GENERAL MORTGAGE LOAN PURCHASE AND SERVICING

#### General

The Reference Obligations (also referred to in this Appendix E as mortgage loans) are evidenced by promissory notes or other similar evidences of indebtedness (each, a “mortgage note”) secured by first-lien mortgage loans, deeds of trust or similar security instruments on one- to four-unit residential properties (each, a “mortgaged property”). Each mortgage note and related mortgage loan are obligations of one or more mortgagors (individually or collectively as to a particular mortgage loan, a “mortgagor”) and require the related mortgagor to make monthly payments of principal and interest.

The Freddie Mac Act establishes requirements for and limitations on mortgage loans that we may purchase, as described below. We purchase “single-family mortgages,” which are mortgage loans that are secured by one- to four-unit residential properties. We may only purchase “conforming” single-family loans, which consist of loans originated with UPBs at or below limits determined annually based on changes in FHFA’s housing price index. In most of the United States, the maximum conforming loan limit for a one-family residence has been set at \$726,200 for 2023, an increase from \$647,200 for 2022. Higher limits have been established in certain “high-cost” areas (for 2023, up to \$1,089,300 for a one-family residence, an increase from \$970,800 for 2022). Higher limits also apply to two- to four-family residences and to one- to four-family residences in Alaska, Guam, Hawaii, and the U.S. Virgin Islands.

The Freddie Mac Act also establishes original LTV ratio limitations on the mortgage loans that we may purchase without a credit enhancement. The LTV ratio is a ratio of (a) the total principal balance of a mortgage loan to (b) the value of the mortgaged property, as defined in the Guide, at origination. Under the Freddie Mac Act, we may not purchase a mortgage loan (excluding certain Enhanced Relief Refinance Program mortgage loans) if, at the time of purchase, the outstanding principal balance of the mortgage loan exceeds 80% of the value of the mortgaged property unless we have one or more of the following credit protections, which are designed to offset any additional credit losses that may be associated with higher LTV ratios: the existence of mortgage insurance on the portion of the outstanding principal balance above 80% from a mortgage insurer that we determine is qualified; an agreement by the seller of the mortgage loan to repurchase a mortgage loan from us or replace (for periods and under conditions as we may determine) any mortgage loan that has defaulted; or retention by the mortgage loan seller of at least a 10% participation interest in such mortgage loan(s).

In addition to the standards in the Freddie Mac Act, which we cannot change, we seek to manage the credit risk with respect to the mortgage loans we purchase through our underwriting and servicing standards reflected in the Guide and other Purchase Documents. The Guide is incorporated by reference into our sellers’ and servicers’ other Purchase Documents and sets forth the basic terms of our selling and servicing requirements between Freddie Mac and our various sellers and servicers of mortgage loans. We detail our requirements for underwriting and selling mortgage loans to us in the “Selling” segment of the Guide. Similarly, we detail our requirements for servicing such mortgage loans in the “Servicing” segment of the Guide. The terms of the Guide are revised from time to time, usually several times a year, through bulletins to update the underwriting and servicing standards that govern our mortgage loans. On occasion, we will impose additional selling and servicing requirements solely through a bulletin without updating the Guide, particularly on matters that may be temporary in nature (e.g., special disaster related requirements). The Guide, bulletins and other information about most of our underwriting and servicing requirements can be accessed through <https://guide.freddiemac.com/app/guide/>. In addition, many of our sellers and servicers are provided TOBs, which may amend, waive or otherwise alter certain terms of the Guide. TOBs are periodically reviewed and subject to change. With respect to any mortgage loan, the obligations and duties with respect to such mortgage loan are reflected in the applicable Purchase Documents for the related seller and servicer.



We approve sellers and servicers of mortgage loans based on a number of factors, including their financial condition, operational capability and origination and servicing experience. In our standard application process we verify references and undertake a background review and functional area review (quality control, originations and underwriting, servicing and privacy compliance) prior to approving an entity as a seller and/or servicer. The seller or servicer of a mortgage loan need not be the originator of that mortgage loan. Each servicer must also annually certify that it remains qualified to service loans and deliver an annual officer's certificate to us, on or before the date specified in the Guide and any applicable servicing TOBs, stating that (i) a review of the servicer's activities during the preceding calendar year and of its performance under the Guide and any applicable servicing TOBs has been made under the supervision of the officer, and (ii) to the best of the officer's knowledge, based on that review, the servicer complied with the Guide and any applicable servicing TOBs in all material respects throughout the year, or, if the servicer failed to comply with the Guide and any applicable servicing TOBs in any material respect during that year, specifying the failure known to the officer and the nature and status of that failure and the action proposed to be taken with respect thereto.

We also employ quality control processes to manage our credit risk. Single-family mortgage credit risk is primarily influenced by the credit profile of the mortgagor (e.g., credit score, credit history, and monthly income relative to debt payments), documentation provided by the mortgagor, the number of mortgagors, the product features of the mortgage loan, the purpose of the mortgage loan, occupancy type, the type of property securing the mortgage loan, the LTV ratio of the mortgage loan, and local and regional economic conditions, including home prices and unemployment rates. Mortgage loans we acquire are evaluated by the applicable seller using multiple critical risk characteristics to determine the mortgagor's ability to repay the mortgage loan and the adequacy of the mortgaged property as collateral. Our quality control process is designed to determine, through a sampling of mortgage loans, whether the mortgage loans we purchased met the Guide and contract provisions under which they were delivered to us, as well as certain federal and state anti-predatory lending laws and regulations, and the Freddie Mac responsible lending policy (formerly known as the Freddie Mac anti-predatory lending policy).

Summarized below are Freddie Mac's general underwriting, servicing and quality control standards. See *"Risk Factors — Risks Related to the Notes Being Linked to the Reference Pool — Risks Associated With Mortgage Loan Purchasing and Servicing Generally"*.

## **Underwriting Standards**

We use a process of delegated underwriting for the mortgage loans we purchase. In this process, our contracts with sellers describe mortgage underwriting standards and requirements, and the sellers represent and warrant to us that the mortgage loans sold to us meet these standards and requirements. We employ numerous edits in our selling system to ensure that the mortgage loans delivered to us comply with the Freddie Mac Act and the credit requirements of the Guide, or if applicable, the credit requirements of the seller's Purchase Documents. However, our selling system is not designed to ensure that the mortgage loans delivered to us comply with all requirements of the Guide. The following discussion summarizes our general mortgage loan underwriting requirements (excluding government-insured loans and/or HARP loans).

Approximately 99% of the mortgage loans purchased or guaranteed by Freddie Mac were underwritten using an AUS, — which is one of (i) our proprietary system, LPA, or (ii) Fannie Mae's proprietary system, DU. In permitting a seller to use an AUS other than LPA, we require a number of additional credit standards for mortgage loans assessed by such other AUS to satisfy our credit requirements. Our Guide requires that those mortgage loans sold to us not utilizing our AUS tools must, at a minimum, have documented property values or a satisfactory automated collateral valuation, a mortgage file which reflects an acceptable level of documentation and evidence of the mortgagor's ability to repay. A mortgage loan acquired by Freddie Mac may have an LTV up to 97% and a TLTV ratio up to 105%.

Historically, some active mortgage loan sellers approved by us were provided TOBs that could amend, waive or otherwise alter certain terms of the Guide. We acquire mortgage loans under these forms of contracts in accordance with the terms contained in applicable agreements with sellers. However, we have recently reduced our use of TOBs and we intend to use TOBs more infrequently. Accordingly, the terms of the sales of mortgage loans acquired by us will generally be governed primarily by the Guide. Currently, the most frequently used



selling TOB included in sellers' contracts allows sellers to sell us mortgage loans that were processed through Fannie Mae's DU, provided the sellers run such mortgage loans through our risk assessment tools (AUS) for an acceptable finding prior to selling the loans to us.

Prior to approving a TOB, we engage in a review process to assess potential implications and impacts of any proposed TOB to us. After approval of a TOB, we periodically review seller contracts and TOBs to determine if changes to the TOBs are needed. We also review the performance of the mortgage loans sold to us by sellers and may develop an action plan or take corrective action with respect to a specific seller, if needed. See *"Risk Factors — Risks Related to the Notes Being Linked to the Reference Pool — Risks Associated With Mortgage Loan Purchasing and Servicing Generally"*.

### ***The Application***

The information provided from the mortgage loan application is assessed by LPA, or another AUS acceptable to us, or is manually underwritten by the lender. LPA indicates the minimum income and asset documentation, credit-related documentation, and other requirements to complete processing of the mortgage loan file. The lender is responsible for the ultimate lending decision. These requirements are based on the specific risk factors present in each mortgage loan application, including those pertaining to loan type, borrower creditworthiness and LTV. If the mortgage loan does not receive an acceptable risk classification from LPA or other AUS, the mortgage loan must be manually underwritten in order for us to purchase it. Under the manually underwritten process an underwriter performs a risk assessment to determine whether the mortgage loan application meets the requirements of the Guide and any applicable TOBs. The underwriter may be an employee of the seller or may be an individual performing underwriting on a contract basis through a third-party firm such as a mortgage insurance company.

### ***Use of Credit Scoring***

Generally, we require a seller to obtain Credit Scores through credit bureaus when underwriting a mortgage loan. Credit Scores are a useful measure for assessing the creditworthiness of a mortgagor. Statistically, mortgagors with higher Credit Scores are more likely to repay or have the ability to refinance than those with lower Credit Scores. We provide instructions in our Guide regarding which Credit Score to use when underwriting. If the credit bureaus cannot generate a Credit Score due to insufficient information about an applicant or, if the applicant lacks a traditional credit history, then the mortgagor's credit reputation must be manually underwritten. If there is no established credit history, the mortgage loan approval may be conditioned upon the documentation of an acceptable alternative credit history consisting of at least three references showing timely payment of utilities, insurance premiums or rent, or other alternative credit references in the prior twelve months. In 2017, we introduced an LPA feature that is reflected in our Guide provisions that allows for the underwriting of a mortgage loan without a Credit Score in certain circumstances. We do not grant TOBs permitting Credit Scores lower than 620 for manually underwritten mortgage loans. LPA assesses the borrower's credit profile and determines if it is acceptable. In some cases, LPA may accept Credit Scores below 620 based on compensating factors. See *"Risk Factors — Risks Related to the Notes Being Linked to the Reference Pool — Credit Scores May Not Accurately Predict the Likelihood of Default"*.

### ***LTV Ratio***

As part of the underwriting of a mortgage loan, the LTV ratio is calculated. The LTV ratio used in the underwriting of each mortgage loan is the ratio of (i) the mortgage loan's original principal balance to (ii) the value of the mortgaged property determined at origination of the mortgage loan. Our LTV ratio limits are based on the purpose, property type, occupancy and number of units. The Guide provides that the LTV ratio for mortgage loans must not be greater than 97% (except for Enhanced Relief Refinance Program mortgage loans). Freddie Mac generally requires an approved mortgage insurance policy for any mortgage loan for which its outstanding principal balance at the time of purchase exceeds 80% of the value of the related mortgaged property at origination. For purchase money mortgage loans, the LTV ratio is generally calculated using the lower of the purchase price and the appraised value. For mortgaged properties located in the State of New York, however, only the appraised value of such mortgaged property on the date of the related mortgage note is used to determine whether mortgage insurance is required or should be canceled. Consequently, no mortgage insurance

coverage will be shown for certain mortgaged properties located in the State of New York, notwithstanding that Freddie Mac has calculated the corresponding LTV ratio in excess of 80%.

### ***DTI Ratio***

LPA assesses the borrower's qualifying DTI ratios. For Accept Mortgages, LPA has determined that the borrower's qualifying ratios are acceptable. Mortgage loans underwritten through LPA or DU may allow a DTI ratio to exceed 45% with compensating factors.

For manually underwritten mortgage loans, the lender must evaluate the borrower's ability to pay the monthly housing expense and other obligations. With the exception of the Enhanced Relief Refinance Program mortgage loans and Refi Possible<sup>SM</sup> mortgage loans, when the borrower's monthly DTI ratio exceeds 45%, the mortgage loan is ineligible for sale to Freddie Mac. As a guideline, the monthly DTI ratio should not be greater than 33% to 36% of the borrower's stable monthly income. Refi Possible<sup>SM</sup> mortgage loans are subject to a 65% maximum DTI ratio requirement. We do not provide TOBs for DTI ratios beyond our Guide or other AUS requirements.

Additionally, pursuant to our Guide, the DTI ratio calculated by the lender and originally reported to us by the lender is based on how the lender calculated income and which liabilities were included in or excluded from the analysis. Our subsequent review of any DTI ratio may determine that the lender should have included or excluded certain income and/or liabilities that would have resulted in a higher or lower DTI ratio calculation. Notwithstanding any discrepancies with respect to the DTI ratio calculation discovered during our quality control process or the Third-Party Due Diligence Review, we ultimately determined the acceptability of any such mortgage loans pursuant to our Guide requirements.

### ***Loans with Subordinate Financing***

Contemporaneously with the origination of the first lien mortgage loan, a mortgagor may have received one or more mortgage loans secured by the subject property in addition to the first lien mortgage loan purchased by Freddie Mac. These additional mortgage loans have subordinate priority to our first lien mortgage loan with such mortgagor. First lien refinance transactions may have existing subordinate financing with the applicant that is resubordinated to the new first lien transaction or may have new subordinate financing originated simultaneously with the first lien mortgage loan. The Guide and any applicable selling TOBs provide that mortgage loans cannot have a TLTV ratio greater than 105% (excluding government-insured loans and/or HARP loans).

### ***Documentation***

In general, we require the seller to obtain verifications and documentation for each source of qualifying income and assets identified by the mortgagor in the application. Freddie Mac allows two levels of documentation: Streamlined Accept and Standard.

*Streamlined Accept Documentation.* A seller may follow this type of documentation procedure for mortgage loans that are assessed by LPA and receive a Streamlined Accept Documentation designation. Under Streamlined Accept Documentation, qualifying income for a salaried mortgagor would require documentation that includes a verification of employment, a year-to-date paystub documenting all year-to-date earnings, and W-2 form(s) for the most recent year. For depository assets (e.g., checking or savings accounts), the seller must provide a bank statement covering the most recent one-month period if those assets are used to qualify the applicant for the mortgage loan.

Automated income assessment with LPA using employer data, part of asset and income modeler (AIM), provides sellers with the option for LPA to determine if the seller is eligible for relief from enforcement of certain representations and warranties related to the borrower's income. The seller must obtain a verification report of the borrower's income from a third-party verification service provider designated by Freddie Mac. Based on information submitted, LPA will retrieve the income verification report, assess for representation and warranty relief eligibility, and return the results of the assessment.

*Standard Documentation.* A seller is required to follow this documentation procedure for all manually underwritten mortgage loans and for mortgage loans that are assessed by LPA and receive a

Standard Documentation designation. Under Standard Documentation, income documentation requirements are the same as under Streamlined Accept Documentation. For depository assets (e.g., checking or savings accounts), the seller must provide a bank statement covering the most recent two-month period if those assets are used to qualify the applicant for the mortgage loan.

### ***Collateral Valuation***

Generally, we require sellers to obtain a valuation of the mortgaged property as collateral for each mortgage loan. With few exceptions, this collateral valuation is determined by an appraiser who provides their opinion of market value based on their interior or exterior inspection of the property and inspection of the neighborhood. Effective for new LPA submissions on or after March 6, 2022, we offer the seller the option to obtain a desktop appraisal in lieu of an appraisal with an interior and exterior inspection for certain purchase transactions. The desktop appraisal has a reduced scope of work where the appraiser does not perform a physical inspection of the property and relies on data sources to obtain property information. For any appraisal obtained, the seller, or a third party specifically authorized by the seller, selects and approves the appraisers used to conduct the valuation. The seller represents and warrants that the appraisal services provided comply with the USPAP, applicable laws, and our Guide and any applicable TOBs. Appraisers must be state-certified or state-licensed real estate appraisers in the state in which the mortgaged property is located, have knowledge and experience in appraising the property type in the market area and have access to the applicable data sources. Beginning in June of 2017, we announced that certain mortgage loans may be eligible for an appraisal waiver through ACE. ACE, a Freddie Mac proprietary model, assesses whether the estimate of value or sales price of a mortgaged property, as submitted by the seller, is acceptable as the basis for the underwriting of the mortgage loan and assesses the risk that the property may have a property condition is not acceptable to us. ACE uses proprietary algorithms based on multiple data sources including but not limited to, historical appraisal data, Multiple Listing Service data and public records to assess the value and property condition risk associated with mortgaged properties. Sellers determine if a mortgage loan is eligible for the ACE appraisal waiver by submitting such mortgage loan through LPA. If ACE determines that the estimated value or sales price of a mortgaged property provided by the seller is acceptable and the seller chooses to accept the ACE appraisal waiver option, the seller may receive Collateral Representation and Warranty Relief related to the value, condition and marketability of such mortgaged property upon delivery of the related mortgage loan to us. Further, in October of 2022, we announced an enhancement to Freddie Mac's Condo Project Advisor ("**CPA**") referred to as Project Assessment Request ("**PAR**"). PAR allows authorized sellers to submit the name of a condominium project in CPA and obtain feedback regarding the project's compliance with the project review requirements ("**Condo Project Requirements**") assessed by CPA. Seller will not be responsible for ensuring compliance with the project review requirements for established condominium project assessed by CPA if CPA finds that the established condominium project complies with the Condo Project Requirements.

Effective for new LPA submissions on or after July 17, 2022, we offer the seller the option to obtain a property data report in lieu of an appraisal for certain transactions. Eligibility is determined based on ACE and other proprietary eligibility parameters. The property data collector, who provides the data in the property data report, must meet certain qualifications and requirements. If the seller chooses to accept the property data report option, the seller may receive Collateral Representation and Warranty Relief related to the value of the property. In addition, in March 2020, we, in collaboration with FHFA and Fannie Mae, issued a Guide Bulletin providing appraisal flexibilities for certain mortgage loans in light of the COVID-19 pandemic. In such cases, in lieu of an interior and exterior inspection appraisal, we would accept a desktop appraisal or an exterior-only inspection appraisal for certain purchase transactions and for a no cash-out refinancing of a mortgage loan currently owned by us we permitted an exterior-only inspection appraisal. We did not permit appraisal flexibilities for a cash-out refinancing or for a no cash-out refinancing of a non-Freddie Mac owned mortgage loan. These appraisal flexibilities were no longer available for mortgage loans with application dates on or after June 1, 2021. See *"Risk Factors — Risks Related to the Notes Being Linked to the Reference Pool — Reference Obligations Having Certain Characteristics May Carry Greater Risk — Appraisals or Other Assessments May Not Accurately Reflect the Value of the Mortgaged Property; LTV Ratios May Be Calculated Based on Appraised Value or Other Assessments, Which May Not Be an Accurate Reflection of Current Market Value"*.

### ***Home Possible® and HomeReady® Mortgages***

The Home Possible® program, HFA Advantage, and Fannie Mae's HomeReady® program are designed to make sustainable homeownership accessible to more first-time homebuyers and other qualified borrowers by offering mortgage loans requiring low down payments for very low- to low- income homebuyers. Home Possible® offers qualified borrowers 15- to 30-year fixed-rate mortgage loans or certain adjustable rate mortgages secured by a 1-4 unit property; certain adjustable-rate mortgages if secured by a 1-4 unit property other than a manufactured home. Condominiums, PUDs and manufactured homes are eligible with certain restrictions. No cash-out refinancing option is available for borrowers who occupy the property. Under the Home Possible® program, purchase transaction or no cash-out refinance mortgage loans on a single unit property can have a maximum LTV ratio of 97% and TLTV ratio of 105% with an affordable second mortgage loan or mortgage loans on a two- to four-unit property can have a maximum LTV ratio of 95% and TLTV ratio of 105% with an affordable second mortgage loan. Home Possible® requires first- time homebuyers to participate in an acceptable borrower education program. The Home Possible® program also allows for lower than standard insurance coverage requirements for certain qualifying mortgage loans. In addition, Home Possible® allows the borrower to make a down payment from a variety of sources, including family, employer assistance programs and secondary financing. Mortgage loans originated in connection with Fannie Mae's HomeReady® program have similar characteristics to mortgage loans originated in connection with Home Possible®, however, Fannie Mae may amend certain criteria with respect to HomeReady® in the future and we may not be made aware of such amendments.

### ***Enhanced Relief Refinance Program***

At the direction of FHFA and in coordination with Fannie Mae, we introduced a high LTV ratio refinance program for mortgage loans originated on or after October 1, 2017, designed to provide refinance opportunities to borrowers with existing Freddie Mac mortgage loans who are current on their mortgage payments but whose LTV ratios exceed the maximum permitted for standard refinance products under our Guide. To be eligible for refinancing under the Enhanced Relief Refinance Program, the mortgage loan being refinanced must, among other things, (i) be a first-lien, conventional mortgage loan owned or securitized by Freddie Mac, (ii) have a note date on or after October 1, 2017, (iii) have been originated at least 15 months prior to the refinance note date and (iv) have had no 30-day delinquency in the immediately preceding six months, and no more than one 30-day delinquency in the immediately preceding 12 months. Mortgage loans that are subject to recourse, indemnification or other negotiated credit enhancement are potentially eligible so long as they meet certain eligibility requirements. A refinance mortgage loan under the Enhanced Relief Refinance Program is subject to additional limitations and requirements, including borrower requirements, to maintain the risk profile of the existing mortgage loan; provided, however, the loan balance may be increased to pay refinancing costs (currently set at \$5,000 but subject to increase by our regulator in the future). The new mortgage loan must have a LTV ratio exceeding 95% for one-unit principal residences or exceeding the maximum LTV ratio otherwise permitted for Freddie Mac "no cash-out" refinance mortgages, depending on occupancy and number of units. The refinance mortgage loan may be underwritten using LPA or manually. Existing relief refinance program mortgage loans and mortgage loans subject to outstanding repurchase demands are ineligible for the Enhanced Relief Refinance Program. Although lenders are permitted under the Enhanced Relief Refinance Program to apply their own funds to reduce existing mortgage loan balances to induce borrowers to refinance, principal forgiveness is not currently permitted under the program. Additionally, mortgage loans originated under the Enhanced Relief Refinance Program with an LTV ratio exceeding 80% will not be required to obtain mortgage insurance provided such original mortgage loans (i) were not required to obtain mortgage insurance in accordance with our Guide or (ii) were required to obtain mortgage insurance but such mortgage insurance was cancelled after origination in accordance with our Guide.

Mortgage loans originated under the Enhanced Relief Refinance Program qualify for lender relief with regard to certain representations and warranties upon origination and are potentially eligible for further relief in accordance with the sunset of representations and warranties discussed below under "*— Quality Control Process.*" To be eligible for such further relief, a mortgage loan must satisfy the following payment history requirements:

- for the 12-month period following the Freddie Mac settlement date, the related borrower had no 30-day or greater delinquencies; and

- for the 36-month period following the Freddie Mac settlement date, the related borrower:
  - had no more than two 30-day delinquencies,
  - had no 60-day or greater delinquencies, and
  - is not 30 or more days delinquent with respect to the 36th monthly payment.

As of the Cut-off Date, approximately 100% of the Reference Obligations by Cut-off Date Balance are eligible for refinancing under the Enhanced Relief Refinance Program, based on the origination date criteria of October 1, 2017. Subject to the satisfaction of certain conditions described in the definition of “Reference Pool Removal” in the *“Glossary of Significant Terms”*, with respect to an original Reference Obligation that is refinanced under the Enhanced Relief Refinance Program, the resulting Enhanced Relief Refinance Reference Obligation will be deemed a Reference Obligation and will be included in the Reference Pool in replacement of the original Reference Obligation. The original Reference Obligation so replaced will not be deemed a Reference Pool Removal. Additional information regarding the Enhanced Relief Refinance Program is set forth in our Guide. On May 26, 2021, we announced that we would pause our purchase of mortgage loans under the Enhanced Relief Refinance Program until further notice. Enhanced Relief Refinance Reference Obligations will not become part of the Reference Pool unless the IRS provides favorable guidance permitting Enhanced Relief Refinance Reference Obligations to be covered within the underlying Q-REMIC. In consultation with the FHFA and Fannie Mae, we will determine how to modify the terms of this program.

### ***Flood Determinations and Property Insurance***

Each mortgage loan is evaluated to determine if the mortgaged property is located in a Special Flood Hazard Area (SFHA) as designated by the FEMA. We require flood insurance on mortgaged properties in a SFHA with an amount of coverage that meets or exceeds federal law requirements. Generally, evidence of acceptable property insurance coverage on the mortgaged property is a requirement for loan approval.

### ***Title Insurance***

Each mortgage loan that we purchase must be covered by either a fully paid mortgage title insurance policy meeting the requirements of the Guide or an attorney’s title opinion or certificate meeting the requirements of the Guide. The title insurance policy must protect the mortgagee up to at least the original principal balance of the mortgage loans less capitalized costs. The title insurance policy must be written on an appropriate ALTA title insurance policy form. If required, the policy may include environmental protection lien endorsement coverage (ALTA Form 8.1 or its equivalent) excepting only superliens which may arise after the loan is made. Examples of superliens include liens for local real estate taxes, utilities and common interest association assessments, depending upon the jurisdiction wherein the mortgaged property is located. Common interest association liens are usually for an amount calculated by the number of months the mortgagor is delinquent in payment of the assessments. While some states do not allow common interest association superliens, most allow up to six months of assessments and some allow up to eighteen months. Where a superlien exists and a mortgaged property is sold at foreclosure, the superlien takes priority over our first lien mortgage loans.

## **Servicing Standards**

### ***General***

“Servicing” includes all activities concerning the calculation, collection and processing of mortgage loan payments, responding to related mortgagor inquiries, making servicing advances, foreclosing upon defaulted mortgage loans, as well as all mortgage loan administrative responsibilities, including insurance claims collection, workouts, and loan level reporting. Servicing includes reporting regularly to us on servicing activities related to the mortgage loans they are servicing. Servicers must report, among other things, adverse matters, charge-offs approved by Freddie Mac, reports to credit repositories, foreclosures, monthly delinquencies, REO repurchases, and transfers of ownership. Servicing also includes remitting mortgagor principal and interest payments to Freddie Mac (less an applicable servicer fee in the form of a servicing spread). Generally, Freddie Mac details its requirements for servicing mortgage loans in Series 7000, 8000 and 9000 of the Guide and any applicable servicing provisions (servicing TOBs), which may amend, waive or otherwise alter certain servicing requirements.



Generally, the servicing requirements applicable to all servicers are revised on a bi-monthly basis, though more frequent updates to the Guide may occur. These revisions to the servicing requirements are summarized in bulletins (“Bulletins”) and generally result in updates to our Guide. The descriptive summaries of our servicing standards contained in this Appendix E are not exhaustive but are drawn from the Guide and applicable servicing TOBs. The Guide, Bulletins and other information about servicing practices and requirements can be accessed through <https://guide.freddiemac.com/app/guide/>.

Generally, Freddie Mac does not itself conduct servicing activities. When a mortgage loan is sold to Freddie Mac, the seller enters into an agreement to service the mortgage loan for Freddie Mac in accordance with the Guide and applicable TOBs. The seller, now servicer, may immediately upon delivery of the loan to Freddie Mac or any time thereafter assign its servicing contract rights and obligations to another approved servicer provided it first obtains Freddie Mac’s prior written consent. With respect to any servicer, Freddie Mac retains the right to terminate, in whole or in part, with or without cause, a servicer’s servicing contract rights with respect to specific loans or all loans that it services for Freddie Mac. Following a termination of servicing contract rights, Freddie Mac may enter into a new servicing agreement with another Freddie Mac approved servicer to service such loans in accordance with the Guide. However, Freddie Mac may elect to engage the new servicer (i) on a fee per mortgage basis in lieu of a servicing fee, (ii) not require advances of principal or interest on delinquent loans, and (iii) reimburse the servicer’s default servicing advances on a monthly basis rather than upon cure of a delinquency or disposition of the loan.

The contractual right and related obligations to service a mortgage loan is referred to as a servicing contract right (“SCR”). There is a market for SCRs and they are commonly assigned and assumed between servicers. Under the Guide, servicers must obtain Freddie Mac’s prior written approval of any proposed assignment and assumption of SCRs. Each servicer is required to perform all services and duties customary to the servicing of mortgages, either directly or through approved subservicers.

We generally monitor the servicers’ performance and compliance with their servicing obligations through periodic audits of the mortgage loans, and collection of data and information about servicer performance, from both internal and external sources, and regularly assess this data in accordance with Freddie Mac’s Servicer Success Program. See “*Monitoring Servicing Performance, Freddie Mac Servicer Success Program, Scorecard, Servicing Quality Assurance*” below. Under our agreements with our servicers, Freddie Mac has the right to pursue various remedies against its servicers for breaches of their servicing obligations, including the right to require a servicer to repurchase a mortgage loan or pay compensatory fees for certain violations of the servicing requirements. As an alternative to repurchase, Freddie Mac also has the right to require a servicer to indemnify or make Freddie Mac whole for its losses or enter into an indemnification agreement to indemnify Freddie Mac against future losses (remedies in lieu of repurchase are herein defined as “Repurchase Alternatives”).

### ***Servicing Responsibilities and Compensation***

Servicers are required to service and administer mortgage loans in accordance with the servicing requirements, including any and all applicable federal, state and local laws and the terms of the related mortgage loan documents.

The servicers are required to perform customary mortgage loan servicing functions, including:

- collection of payments from mortgagors and remitting payments to Freddie Mac (less any applicable servicing fee retained by the servicer) and, as applicable, mortgage insurers;
- maintenance of property insurance and filing and settlement of claims under those policies;
- maintenance of escrow accounts of some mortgagors for payment of taxes, insurance, and other items required to be paid by the mortgagors pursuant to terms of the related mortgage loan;
- processing of assumptions, substitutions, payoffs and releases;
- attempting to cure delinquencies and mitigate losses through alternatives to foreclosure (also called loss mitigation options and workout options) such as reinstatements, repayment plans, forbearance of payments, loan modifications, short sales, and deed-in-lieu of foreclosure transactions;



- supervising foreclosures and most default-related litigation, and taking title to the mortgaged property whether at foreclosure or via a deed-in-lieu of foreclosure transaction;
- inspection and management of mortgaged properties under certain circumstances; and
- maintaining and providing accounting records and reports relating to the mortgage loans.

The Guide also provides that a servicer may not solely target the mortgage loans sold to Freddie Mac as part of a solicitation program of refinances. In addition, under current servicing requirements the servicers must engage in collection efforts with delinquent mortgagors beginning no later than the 36<sup>th</sup> day of delinquency and generally continuing through just prior to foreclosure to attempt to resolve the delinquency by bringing the mortgage loan current. If these collection efforts are unsuccessful at resolving the delinquency, the servicer must, no later than the 45<sup>th</sup> day of delinquency, solicit such mortgagors to apply for mortgage assistance, such as a loan modification, to mitigate our potential losses in the event of foreclosure. For mortgagors who become 90 or more days delinquent (60 or more days delinquent on HAMP step-rate modifications), the servicers must offer a loan modification trial period plan to such borrowers without requiring underwriting or hardship documentation as part of the eligibility analysis.

The servicer performs services for the benefit of itself and us, but it does not owe any duties or obligations to any other parties, including, but not limited to, any noteholders, certificateholders, or the trust, as applicable. Accordingly, none of the Transaction Parties (except Freddie Mac, in certain corporate capacities or as master servicer) will be able to cause the servicer to perform its obligations for the benefit of investors or enforce the servicing requirements set forth in the Guide, applicable servicing TOBs or other Purchase Documents on their behalf.

A significant portion of our mortgage loans are serviced by several large servicers. Because we delegate the servicing function to our servicers, if our servicers lack appropriate process controls, experience a failure in their controls, or experience an operating disruption in their ability to service the mortgage loans, mortgage loans (including the mortgage loans in any securitization transaction) could be adversely affected. See *“Risk Factors — Risks Related to the Notes Being Linked to the Reference Pool — Risks Associated with Mortgage Loan Purchasing and Servicing Generally — The Performance of Sellers and Servicers May Adversely Affect the Performance of the Reference Obligations.”*

Mortgage loans owned or securities backed by such mortgage loans and guaranteed by us are also exposed to the risk that servicers might fail to service mortgage loans in accordance with the servicing requirements set forth in the Guide and applicable servicing TOBs, resulting in increased losses or modifications (and possibly increased severity of losses with respect thereto). For example, our servicers have an active role in our loss mitigation efforts, so, if a servicer’s performance declines, it could reduce the anticipated benefits of our loss mitigation requirements, which could result in losses, modifications, or other adverse results, such as short sales or foreclosures.

To the extent that a servicer requests a waiver from a provision of the servicing requirements or we initiate a pilot to test a servicing policy, we may permit such waiver, negotiate a voluntary servicing TOB, or issue a mandatory servicing TOB, which sets forth, among other things, the specific waiver or changes to our servicing requirements and the goals or requirements for the servicer. These servicing TOBs may cover all of the mortgage loans (including any mortgage loans included in any securitization transaction) serviced by that servicer or only selected portfolios. Although the servicers do not currently have servicing TOBs that impact the Reference Obligations, it is possible that the servicers will have servicing TOBs in the future. Some commonly issued servicing TOBs issued to servicers:

- allow or require the servicer to offer different loss mitigation options to mortgagors, such as a loan modification with terms that differ from our Guide- or Bulletin-based modification programs;
- provide enhanced functionality for transmitting servicing related documentation and information between the servicer and Freddie Mac;
- specify conditions and fees for servicers to hold additional servicing capacity in order to accept additional servicing portfolios on an accelerated basis as needed;

- initiate pilot programs where we test a new servicing policy or procedure with a limited number of servicers or borrowers in order to evaluate whether to roll it out to a larger population; and
- permit limited exceptions to servicing requirements under special circumstances, such as to allow a servicer more time to implement a new policy or to quickly deploy a new program resulting from exigent circumstances, such as disaster recovery or relief.

We will not consider the interests of investors in securitization transactions in granting such waivers or implementing such policies. We do not permit waivers for servicing performance that jeopardize the first-lien position of the mortgage loan.

Servicers receive fees for their services. We generally require that servicers retain a minimum servicing fee of at least 0.25% per annum of the interest-bearing unpaid principal balance of each of the mortgage loans they service, which may only be retained upon receipt of a full mortgage payment from the related mortgagor that is posted to the mortgagor's account (such amount so determined on a monthly basis). We also pay special incentives for certain loss mitigation activities and reimburse servicers for certain expenses and advances made in connection with loss mitigation activities and default management. These incentive payments vary based upon the kind of activity, the rates of success and other factors. To the extent that we pay any incentives for loss mitigation activities on mortgage loans, we will not seek reimbursement from any securitization trust.

There can be no assurance, and no representation is made, as to the actual performance of a servicer with respect to any mortgage loan. Loss and modification experience on any mortgage loan will depend, among other things, on the value of the mortgaged properties securing such mortgage loan and the ability of mortgagors to make required payments.

See *“Risk Factors — Risks Related to the Notes Being Linked to the Reference Pool — Risks Associated with Mortgage Loan Purchasing and Servicing Generally — The Performance of Sellers and Servicers May Adversely Affect the Performance of the Reference Obligations.”*

### ***Mortgage Loan Life Cycle***

Servicers are required to service mortgage loans from the date they sell such mortgage loans to Freddie Mac until the disposition of the mortgage loan or transfer or other assignment of the SCR to another servicer, which transferee servicer assumes the obligation to service the mortgage loans until disposition of the mortgage loan or further transfer or assignment. For a performing mortgage loan, servicing activity concludes when the mortgage note is satisfied and the mortgaged property is released from the lien of the mortgage. For a non-performing mortgage loan (*i.e.*, a loan that is delinquent or is otherwise in default under the terms of the mortgage note at some point), servicers must conduct additional activities including increased communications with the mortgagor to bring the loan back to performing status, loss mitigation attempts and, if no resolution to the delinquency or default is reached, foreclosure and obtaining title to the mortgaged property. During these activities, servicers regularly report to Freddie Mac the status of the mortgage loans and Freddie Mac conducts monitoring and quality assurance reviews of the servicers' servicing activities. Under limited circumstances in which it is not feasible or cost-effective to foreclose on a mortgaged property, Freddie Mac may elect to charge-off a mortgage, which may include releasing the mortgage lien and/or cancelling the note. Below are general descriptions of Freddie Mac's current policies and procedures relating to these activities. More detailed descriptions of these activities and future revisions to our requirements may be found in the Guide and are summarized in related Bulletins.

### ***Applicable Law***

If applicable federal, state or local law requires a servicer to engage in an activity that is inconsistent with the servicing requirements set forth in any Purchase Documents, our servicers are required to comply with applicable law. Servicers will not be in violation of any servicing requirements contained in the Purchase Documents that are inconsistent applicable law. We do not provide additional compensation to servicers for changes to applicable law.

### ***Collection and Other Servicing Procedures***

Servicers generally are required to make reasonable efforts to collect all payments due under the mortgage loan documents and maintain contact with the mortgagors. Servicers are required to generally follow the same collection procedures that they use for their own portfolio of mortgages so long as they are consistent with the Guide. Servicers may charge the mortgagor for special services rendered, for example, sending a payoff statement or faxing an account history, subject to applicable law. Servicers also may waive late payment fees and service charges or, in certain cases, extend the due dates for payments due on a mortgage loan on a temporary basis or as part of a loan modification.

Under the Guide, servicers, to the extent permitted by law, may establish and maintain an escrow in which mortgagors will be required to deposit amounts sufficient to pay taxes, assessments, mortgage and property insurance premiums and other comparable items. Withdrawals from an escrow account may be made to effect timely payment of taxes, assessments, mortgage and property insurance, to refund to mortgagors amounts determined to be overages, to pay interest to mortgagors on balances in that escrow account, if required, and to clear and terminate that escrow account. Servicers are responsible for the administration of each escrow account required by the terms of the mortgage loans, the Guide and applicable law, and generally, are obliged to make advances to those accounts when a deficiency exists in any of those escrow accounts.

Under the Guide, a servicer is required to deposit principal and interest amounts it receives from a mortgagor into a custodial account it holds in the name of Freddie Mac. As required by the Guide, the servicers remit principal and interest payments received, including prepayments and liquidation proceeds, to a Freddie Mac master account.

### ***Property Insurance***

The Guide requires the servicer to verify that an insurance policy insuring against common hazards continuously covers the real estate and improvements securing each mortgage loan. The policy must be in an amount generally equal to the greater of the unpaid principal balance of the related mortgage loan or 80% of the full replacement cost of the insurable improvements, not to exceed 100% of the full replacement cost of the insurable improvements even if the unpaid principal balance exceeds such replacement cost. There are special insurance requirements when the mortgaged property is a condominium or is located in a development governed by a common unit association. If the mortgagor does not voluntarily maintain a property insurance policy or obtains unacceptable insurance coverage, the servicer must obtain replacement insurance, commonly known as “lender placed insurance” (“LPI”). The premium for LPI is often significantly higher than the premium for the mortgagor’s voluntary policy and the coverage is limited to the unpaid principal balance of the mortgage loan. The costs for LPI are the responsibility of the mortgagor. However, if the mortgaged property does not reinstate and goes to foreclosure, the costs of lender placed insurance are often borne by us.

No earthquake or other additional insurance is to be required of any mortgagor or maintained on property acquired in respect of a mortgage loan, other than pursuant to applicable laws and regulations that are in effect and require such additional insurance or when the servicer is aware of a localized peril. When a mortgaged property securing a mortgage loan is located in a SFHA as designated by FEMA, the servicer must ensure a flood insurance policy is maintained meeting the requirements of the current guidelines of the Federal Insurance and Mitigation Administration.

The Guide permits a servicer to obtain and maintain a blanket policy insuring against property losses on a PUD in lieu of maintaining a property insurance policy for any mortgaged property in such PUD. This blanket policy may contain a deductible clause. The ability of the servicer to ensure that property insurance proceeds are appropriately applied may be dependent on its being named as an additional insured under any property insurance policy and under any flood insurance policy referred to above, or upon the extent to which information in this regard is furnished to the servicer by mortgagors.

### ***Default Management***

Servicers are required to develop, follow and maintain prudent and efficient written procedures that meet the servicing requirements for promptly curing defaults and delinquencies and complying with applicable laws.

Servicers are required to employ an experienced and skilled staff in financial counseling and mortgage collection techniques. Servicers may also hire subservicers, which may be a specialty servicer, and outsource vendors to conduct some or all of these activities and, in some circumstances, Freddie Mac may require a servicer to do so if we reasonably believe that the servicer is not adequately equipped to conduct default servicing and loss mitigation. We allow the servicer to grant a grace period of 15 days after the due date in which a mortgagor can make a monthly payment without incurring a penalty or late charge. In addition, a mortgage loan is not considered delinquent (although the mortgagor is in default under the terms of the note and related mortgage) unless a full monthly payment has not been received by the close of business on the last day of the month of the due date. For example, a mortgage loan with a due date of May 1 is considered delinquent if a full monthly payment is not received by the close of business on May 31. Late charges are generally assessed after the due date at the expiration of a grace period, if applicable. The servicer retains applicable late charges as additional servicing compensation and thus, the late charges are not remitted to Freddie Mac. There are situations where a late fee could be waived based on the unique circumstances of a mortgagor, such as when the mortgagor is performing in accordance with the terms of an alternative to foreclosure, a repayment plan, forbearance plan or trial period plan.

The servicer is required by the servicing requirements to attempt to contact a delinquent mortgagor early in the delinquency process and throughout the delinquency cycle in order to mitigate the risk of default. The servicer is required to attempt to contact the mortgagor or the mortgagor's trusted advisor, such as a housing counselor who is responsible and authorized to discuss the mortgagor's financial situation, to discuss the most appropriate options for resolving the delinquency. The servicer must make every attempt to (a) determine the reason for the delinquency and whether it is temporary or permanent in nature, (b) determine the mortgagor's ability to repay, (c) set payment expectations and educate the mortgagor on alternatives to foreclosure and (d) obtain a commitment from the mortgagor to resolve the delinquency through traditional or alternative solutions.

Loan workout activities are a key component of our loss mitigation strategy for managing and resolving troubled assets and lowering credit losses. We emphasize early intervention by servicers in delinquent mortgage loans and provide a suite of alternatives to foreclosure. We provide our servicers default management tools and computer applications designed to help them manage delinquent mortgage loans and mortgage loans that, even if current, are at risk of imminent default. Our goal is to assist mortgagors in maintaining home ownership where possible, or facilitate alternatives to foreclosure when continued homeownership is not an option. We require our servicers to follow a standardized protocol of workout options with the intention of determining and delivering the right kind of assistance needed to resolve the particular mortgagor's distress and minimize losses. Our loan workouts include:

- *Forbearance agreements*, where reduced payments or no payments are required during a defined period, generally one year or less. Forbearance agreements provide additional time for the mortgagor to resolve a hardship, such as unemployment or a disaster, before undertaking efforts to return to compliance with the original terms of the mortgage loan or to implement another loan workout. If the hardship is resolved, the forbearance agreement is typically followed by a reinstatement, repayment plan or loan modification; and if the hardship remains unresolved, it is followed by a loan modification, short sale, deed-in-lieu of foreclosure, or foreclosure. Forbearance is available for a total of 12 months minus the number of months the mortgagor is already delinquent.
- *Full Reinstatement*, where the mortgagor restores a delinquent mortgage loan to current status by paying any delinquent amounts in one lump sum payment.
- *Partial Reinstatement*, where the mortgagor makes a lump sum payment to cover some, but not all, past due amounts. A partial reinstatement is typically followed by a repayment plan.
- *Repayment plans*, which are contractual plans to make up past due amounts by requiring the mortgagor to pay an additional amount in excess of the monthly mortgage payment due. These may or may not be preceded by a partial reinstatement. These plans assist mortgagors in returning to compliance with the original terms of their mortgage loan.

- *Payment Deferral* (“Payment Deferral”), provides relief to mortgagors who have the financial capacity to resume making their monthly payments after a delinquency, but who are unable to afford the additional monthly contributions required by a repayment plan. The mortgagor’s mortgage loan is brought current by deferring delinquent principal and interest to create a non-interest bearing forborne balance that will become due at the earliest to occur of the mortgage maturity date, the payoff of the interest-bearing UPB and the transfer or sale of the mortgaged property. The remaining mortgage term, interest rate schedule (i.e., whether a fixed-rate mortgage, an adjustable rate mortgage or step-rate mortgage), payment schedule and maturity date of the mortgage loan all remain unchanged. Up to two months of delinquent payments may be deferred. On March 29, 2023 and April 12, 2023, Freddie Mac amended the requirements for Payment Deferrals effective October 1, 2023, although servicers may begin to implement the changes beginning on July 1, 2023. Under the new Payment Deferral requirements, eligible mortgagors must be between 60-180 days delinquent, and up to six months of delinquent payments may be deferred.
  - *Payment Deferral for Disasters*, as of July 15, 2020 servicers may offer a special Payment Deferral (a “Disaster Payment Deferral”) to mortgagors impacted by natural disasters where FEMA has declared a major disaster declaration with individual assistance (“Eligible Disaster”). When a current mortgage loan becomes delinquent in an area impacted by an Eligible Disaster, and the servicer cannot make contact with the mortgagor, the servicer will automatically apply a 90-day forbearance plan to such mortgage loan. The forbearance plan can be extended up to 12 months upon the agreement of the mortgagor. When the forbearance plan ends, the mortgage will be eligible for a Disaster Payment Deferral, which primarily differs from a standard Payment Deferral in that it can defer up to 12 months of delinquent payments instead of two months. On March 29, 2023 and April 12, 2023, Freddie Mac amended the requirements for Disaster Payment Deferrals effective October 1, 2023, although servicers may begin to implement the changes beginning on July 1, 2023. Under the new requirements, the most significant change is that servicers must proactively evaluate mortgagors for a Disaster Payment Deferral and if eligible send such mortgagors an offer proactively for a Disaster Payment Deferral by the 15th day following expiration of the forbearance plan.
- *Loan modifications*, which involve various changes to the terms of the mortgage loan, including one or more of the following: (i) capitalizing outstanding indebtedness, such as delinquent interest, to the unpaid principal balance of the mortgage loan, (ii) changing the interest rate, (iii) extending the maturity date, and (iv) reamortizing the payment schedule. We also may grant partial principal forbearance in connection with loan modifications. Principal forbearance is a change to a loan’s terms to designate a portion of the unpaid principal balance (after capitalizing delinquent amounts) as non-interest-bearing and non-amortizing with such forbearance amount due as a balloon payment upon the maturity date of the loan, or earlier, upon sale or transfer of the mortgaged property or refinance or payoff of the interest-bearing balance. Freddie Mac has several loan modification programs as detailed in the Guide.
  - *Freddie Mac Flex Modification*<sup>®</sup> (“Flex Modification”) where a mortgage loan may be modified up to three times. Our Flex Modification employs a trial period payment plan feature, which allows eligible mortgagors to make the new modified monthly payment for at least three months to ensure that the mortgagor can afford the new payment. While the mortgagor is making the trial period payments, the mortgage loan may remain in a delinquent status. The mortgage loan will not be permanently modified and brought current until the end of the trial period and only if the mortgagor has otherwise complied with the terms of the trial period plan. A Flex Modification may be offered from the time the mortgagor is current and found to be in imminent default to shortly before foreclosure sale. Freddie Mac also offers a streamlined Flex Modification to mortgagors who are 90 or more days delinquent or who have a step-rate mortgage and have become 60 or more days delinquent. Under the streamlined offer for the Flex Modification program, the servicer may offer the mortgagor a loan modification without having made an assessment of the mortgagor’s hardship or



income. If the mortgagor accepts the offer, the mortgagor will be required to make the new modified monthly payments for at least three months to ensure that the mortgagor can afford the new payment. While the mortgagor is making the trial period payments the mortgage loan will remain in a delinquent status. The mortgage loan will not be permanently modified and brought current until the end of the trial period and only if the mortgagor has otherwise complied with the terms of the trial period plan.

- *COVID-19 Relief Options*, which are temporary relief options, for mortgagors suffering a hardship related to the COVID-19 pandemic, created from time-to-time in alignment with Fannie Mae under the direction of the FHFA in response to the declaration of a public health emergency by the Secretary of Health and Human Services on January 31, 2020, the presidential declaration of a national emergency issued on March 13, 2020 with an effective date of March 1, 2020 and the CARES Act. It is likely that there will be developments and changes from time to time, but as of May 11, 2023, the COVID-19 relief options include:
  - *COVID-19 Forbearance* (“COVID-19 Forbearance”), where the mortgagor is provided a forbearance agreement that is similar to our standard forbearance agreement but allows the mortgagor to receive 12 months of payment relief. The mortgagor must only attest to a financial hardship due to the COVID-19 pandemic without providing any supporting evidence. For certain mortgagors who were on an active forbearance as of February 28, 2021 and with whom the related servicer has established quality right party contact to confirm eligibility, the mortgagor may be eligible for an additional extension that could cause the total delinquency to reach 18 months.
  - *COVID-19 Payment Deferral* (“COVID-19 Payment Deferral”), where the mortgagor is provided a solution similar to the Payment Deferral but the mortgagor must have been current or less than 2 months delinquent as of March 1, 2020 and may be up to 18 months delinquent at the time of evaluation. Up to 18 months of delinquent payments may be deferred.
  - *COVID-19 Flex Modification* (“COVID-19 Flex Modification”), where the mortgagor is provided a solution similar to the Flex Modification but mortgages with a mark-to-market-loan-to-value (MTMLTV) ratio of less than 80% may receive an interest rate reduction. Under the standard Flex Modification, such mortgages were not eligible for an interest rate reduction.

See Freddie Mac’s Single Family COVID-19 resources for more information about the COVID-19 relief options available from time-to-time at <https://sf.freddie.mac.com/about/covid-19#latest-updates>.

- *Short sales*, which allow a mortgagor to sell a mortgaged property to an unrelated third party for an amount that is not sufficient to pay off the mortgage loan in full. Under Freddie Mac’s standard short sale program Freddie Mac has delegated to servicers the authority to approve short sales if the short sale generates certain minimum net proceeds and, under some circumstances, the mortgagor makes a cash or note contribution to reduce the losses on such mortgage loan. When an approved short sale is complete, the mortgage note is cancelled, the lien for the mortgage is released and the mortgagor may be paid an amount to assist with relocation. In most cases, after completion of an approved short sale, the mortgagor has no further obligation to make payment under the mortgage note. Freddie Mac has one primary short sale program as detailed in the Guide that is available to provide relief for mortgagors in different circumstances. Short sales may be approved from the time the mortgagor is current and found to be in imminent default to shortly before foreclosure sale. Freddie Mac offers a streamlined short sale to mortgagors who are 90 or more days delinquent and either have a Credit Score less than 620 or previously had the mortgage debt discharged in bankruptcy.
- *Deeds-in-lieu* of foreclosure are processed similar to a short sale except that title to a mortgaged property is not sold to a third party but is conveyed directly to us. Freddie Mac offers both standard and streamlined versions of a deed-in-lieu foreclosure transaction.



- *Mortgage assumption with or without an associated release of liability*, where a new party assumes the obligations of the mortgagor under the mortgage note or as modified in connection with a simultaneous assumption and loan modification. The servicer evaluates the new party for his/her ability to pay the mortgage loan before allowing the assumption and before allowing a current mortgagor to be released from liability; however, with respect to a simultaneous assumption and loan modification, the ability-to-pay assessment is based on the modified loan terms and less stringent underwriting criteria than would be required in connection with an assumption of a mortgage loan unaccompanied by a modification.

Generally, if a loan workout has not been reached by the 121<sup>st</sup> day of delinquency on a mortgaged property serving as the mortgagor's primary residence (earlier for second homes and investment properties), we generally demand the servicer to accelerate payment of principal and all delinquent amounts due from the mortgagor and initiate foreclosure proceedings with respect to a mortgage loan in accordance with the provisions of the Guide, the mortgage loan documents and applicable law. However, we also require the servicer to continue to pursue loss mitigation alternatives to resolve the delinquency before the conclusion of the foreclosure proceedings in an effort to mitigate potential losses. If, after acceleration and demand for all sums due under the mortgage loan, a mortgagor pays all delinquent amounts, agrees with us to accept an arrangement for reinstatement of the mortgage loan or arranges for the sale or conveyance of the mortgaged property to a third party or us, the servicer may terminate the foreclosure proceedings and withdraw the demand. If the mortgagor again becomes delinquent, we generally will make a new demand for acceleration and the servicer will commence new foreclosure proceedings.

In recognition of the fact that mortgage loans that are delinquent are at higher risk for abandonment by the mortgagor, and may also face issues related to the maintenance of the property, we have developed servicing requirements for servicers when inspecting properties for which a monthly payment is delinquent. Depending on various factors, such as the ability to contact the mortgagor, the delinquency status of the account, and the property occupancy status, a servicer may hire a vendor to inspect the related property to determine its condition. If the inspection indicates the property is vacant and abandoned and in need of property safeguarding measures, such as securing or winterizing, the servicer will ensure the appropriate safeguards are implemented in accordance with industry, legal and Freddie Mac standards including our allowable expense limits.

**Bankruptcy.** When a mortgagor files for bankruptcy, the servicer's options for recovery are more limited. The servicer monitors bankruptcy proceedings and develops appropriate responses based on a variety of factors, including: (i) the chapter of the United States Bankruptcy Code under which the mortgagor filed; (ii) federal, state and local regulations; (iii) determination-of-claim requirements; (iv) motion requirements; and (v) specific orders issued through the applicable court. In general, when a mortgagor who has filed for bankruptcy protection becomes delinquent or defaults under the terms of the mortgage note, we instruct our servicers to engage counsel to file a motion for relief from stay that will allow the servicer to commence foreclosure proceedings. Servicers report information about mortgagors and mortgage loans affected by a bankruptcy proceeding to Freddie Mac on a periodic basis. Counsel for Freddie Mac may file motions for relief only in compliance with the CFPB COVID-19 Rule.

**Foreclosure.** The terms of the mortgage note, security instrument and applicable law provide mortgagees the right to commence a proceeding against the mortgagor to foreclose on the mortgage loan and/or enforce the mortgage note, provided certain requirements concerning endorsement of the note and/or assignment of the mortgage instrument are met. The servicer is responsible for most aspects of foreclosure beginning with sending appropriate pre-foreclosure notices, referring the mortgage to foreclosure counsel or a mortgage trustee, instructing and supervising foreclosure counsel or the mortgage trustee during the foreclosure process and participating in the foreclosure sale. The servicer has the responsibility for remitting the foreclosure sale proceeds to us. If a third party purchases the mortgaged property at the foreclosure sale, Freddie Mac drafts the net foreclosure sale proceeds from the custodial account. If the servicer bids at the foreclosure sale in an amount as instructed by us and is the winning bidder, then the servicer is responsible for securing a deed providing clear and marketable title to the mortgaged property and presenting the property to us for intake into our REO inventory. Various federal and state laws have been created to add new requirements to the pre-foreclosure and foreclosure process which may make foreclosure more costly, lengthy and, in some cases, may render us unable to conduct a foreclosure altogether. These laws may negatively affect the mortgage loans (including any mortgage loans in

any securitization transaction). FHFA’s foreclosure moratorium ended on July 31, 2021, after which foreclosures were able to resume in compliance with the CFPB COVID-19 Rule. Under the CFPB COVID-19 Rule, servicers were only permitted to initiate foreclosure proceedings between August 31, 2021 and December 31, 2021 if the mortgage loan met one of three temporary procedural safeguards: (1) the borrower was evaluated based on a complete loss mitigation application and existing foreclosure protection conditions were met; (2) the property securing the mortgage loan was abandoned; or (3) the borrower was unresponsive to servicer outreach. However, the temporary procedural safeguards were not required, and servicers were permitted to initiate foreclosure proceedings, if the borrower was more than 120 days delinquent prior to March 1, 2020 or the applicable statute of limitations expired before January 1, 2022. See *“Risk Factors — Risks Related to the Notes Being Linked to the Reference Pool — Risks Associated With Mortgage Loans Generally — Statutory and Judicial Limitations on Foreclosure Procedures May Delay Recovery in Respect of the Mortgaged Properties and, in Some Instances, Limit the Amount That May Be Recovered by the Servicers, Resulting in Losses on the Reference Obligations That Might Be Allocated to the Notes”*.

**Charge-off.** Our Guide provides that a servicer must make a recommendation to us that a mortgage loan be charged-off instead of pursuing foreclosure in various situations, including when there is an extraordinary risk of liability if we become the owner of the property. We will review such recommendations and determine whether to charge-off the mortgage loan. If a charge-off is approved, we will also determine whether to release the lien of the mortgage loan.

### ***Mortgage Insurance Claims***

If a mortgage loan is covered by mortgage insurance and there is a loss, including a loss resulting from a foreclosure sale, short sale, or the acceptance of a deed in lieu of foreclosure, Freddie Mac is required to file a claim with the applicable mortgage insurer and manage the payment process thereof. The servicer, in support of Freddie Mac’s claim filing, is required to provide to the mortgage insurer all information and documentation pertaining to the claim no later than 60 days after the foreclosure sale, short sale or acceptance of a deed in lieu of foreclosure, or within any shorter time frame as specified by the mortgage insurance master policy or Freddie Mac. Certain mortgage insurers may not pay claims timely, may not pay claims entirely, or may make reduced payments due to impairment of their financial ability to honor the mortgage insurance policies they have issued. If the mortgage insurer reduces or denies the claim due to the servicer’s violation of the mortgage insurance policy, the servicer is required to reimburse Freddie Mac for the reduced amount of the claim, or the entirety of the claim in the event of a claim denial. The full claim amount under any available mortgage insurance policy may not be available in the event the mortgage insurer determines the loss associated with the related mortgage loan is due to physical damage to the related mortgaged property.

### ***Servicing Alignment Initiative***

In 2012, we began implementing and continue to implement the FHFA-directed Servicing Alignment Initiative, under which we and Fannie Mae are aligning certain standards for servicing non-performing mortgage loans owned or guaranteed by Freddie Mac and Fannie Mae. We believe that the “Servicing Alignment Initiative” will continue to: (i) change, among other things, the way servicers communicate and work with delinquent mortgagors; (ii) bring greater consistency and accountability to the servicing industry; and (iii) help more financially distressed mortgagors avoid foreclosure. We have provided standards to our servicers under this initiative that require them to initiate earlier and standardized frequency of communication with delinquent mortgagors, employ consistent requirements for collecting loss mitigation documents from mortgagors, and follow consistent timelines for responding to mortgagors and for processing foreclosures. These standards have resulted in greater alignment of servicer processes.

Under these new servicing standards, we pay incentives to servicers that complete certain workout options in compliance with the applicable Guide and Bulletin requirements.

### ***Monitoring Servicing Performance, Freddie Mac Servicer Success Program, Scorecard, Servicing Quality Assurance***

We have established a program to monitor and improve servicing performance (the “Servicing Success Program”). The purpose of the program is to encourage communication with and improve performance of our servicers. We have established an internal unit to support the program and assigned account managers to provide individualized attention to their assigned servicer or group of servicers. This unit also collects information about servicer performance, from both internal and external sources, and regularly assesses this data. Default servicing and management is one of their primary focuses and servicers are continuously monitored based upon various metrics. We collect and synthesize this data, which measures a servicer’s performance based on key criteria in two categories: investor reporting and default management, and provide this performance data to servicers through a scorecard (the “Servicer Success Scorecard”).

Our Servicing Quality Assurance group also conducts file reviews of some servicers, both remotely and in the servicers’ offices, in order to assess servicing and default management performance (the “Servicer Success File Review”). The Servicer Success File Reviews are in addition to credit and compliance reviews of the mortgage loans we undertake as part of our quality control process. See “— *Quality Control Process*” below. We may conduct the following types of file reviews:

- Prudent Servicing Review: An assessment of the servicer’s collection activities, loss mitigation activities, timeline management, and property preservation processes.
- Short Sale Compliance Review: An assessment of the servicer’s compliance with the requirements of the Guide, and servicing TOBs, as applicable, regarding completed short sales.
- Loan Modification Compliance Review: An assessment of the servicer’s compliance with the requirements of the Guide and servicing TOBs, as applicable, regarding completed modifications.

Upon completion of the file review, we will provide our conclusions, including any defects, in writing to the applicable servicer. In the event we discover non-compliance with our requirements in the above reviews, we may pursue available remedies for such non-compliance. Remedies may include partial recovery of damages, indemnifications, repurchases and make-wholes. See “*Servicing Standards — Repurchase*”.

Freddie Mac may modify or expand the types of file reviews it conducts from time to time. No assurances are made that any of the mortgage loans will be subject to such a review.

If a servicer is placed in the bottom 25% in the default management category of its peer group of servicers based on results from its Servicer Success Scorecard, the servicer is presumed to have an unacceptable Servicer Success Scorecard result. Freddie Mac considers the Servicer Success Scorecard results, as well as factors such as trends in performance, adequacy of staffing, audit results, Servicer Success File Reviews, and/or compliance with the servicing requirements in evaluating whether the servicer’s overall performance is unacceptable for purposes of continued eligibility as an approved servicer. If a servicer’s overall performance is deemed unacceptable or a servicer does not meet the goals set forth in a servicing TOB, we may terminate the servicer’s right to service, either partially or in full, with or without cause. Under our Servicing Success Program, Freddie Mac evaluates a servicer’s performance with respect to all mortgage loans that such servicer services on behalf of Freddie Mac. In general, we work with servicers to develop policies and controls to improve servicing. If servicing, in whole or in part, is removed from a servicer, we have the discretion to determine if, and to what extent, that servicer may return to servicing mortgage loans under our Guide in the future. See “*Risk Factors — Risks Related to the Notes Being Linked to the Reference Pool — Risks Associated with Mortgage Loan Purchasing and Servicing Generally — Servicing Transfers May Result in Decreased or Delayed Collections and Credit Events*”.

### ***Repurchase***

In the event that the servicer did not properly service the mortgage loan according to the Guide, we may provide a notice of defect and require the servicer to correct the servicing defect. If unable to correct the servicing defect or if the servicing defect is uncorrectable, we may require the servicer to repurchase the mortgage loan or REO, make us whole on any losses, and/or indemnify us against future losses associated with

the mortgage loan or REO. A demand for repurchase may be issued for several reasons, including: non-marketable title issues, mortgage insurance/hazard insurance policies prematurely cancelled or premiums not paid, and improper foreclosure.

Upon receipt of a repurchase notice, the servicer may file an appeal if it has additional supporting information and/or documentation that may affect our decision. The appeal must be filed within 60 days from the date of our notice requiring repurchase. We review the appeal and advise the servicer in writing of the appeal decision. If we deny the appeal, the servicer must repurchase the mortgage loan within 15 days from the date of our denial letter. A second appeal is permitted within those 15 days if the servicer is able to provide new documentation to support its contention that the mortgage loan complies with the contract. We may use discretion to make exceptions to the number of appeals and timelines when there are extenuating circumstances. After exhausting all available appeals, a servicer may request an impasse discussion. If the impasse discussion does not resolve the repurchase, additional management escalation and an independent review process may be available. Any repurchase decision finally upheld by these processes requires servicers to remit repurchase funds or be subjected to late fees and/or other remedies.

Even if we conclude that there was a servicing defect, we cannot assure you that the servicer will ultimately agree with our determination and repurchase the related Reference Obligation from us or that we will recover any amounts from such servicer. In addition, it may be difficult, expensive, and time consuming to legally pursue a repurchase claim against the servicer and we cannot assure you that we would prevail on the merits of any such claim. Efforts to enforce a repurchase claim may lead to further disputes with some of our servicers and counterparties that may result in further litigation and any potential recoveries may take significant time to realize. Investors in the Notes are also subject to the risk that servicers do not fully perform or cannot fully perform any repurchase obligations.

### ***Servicer Termination Event***

We may terminate a servicer's SCRs related to the mortgage loans at any time with cause or without cause, in whole or in part. Moreover, we may change our servicing policies in the future that could lead to servicer termination events. The reasons for terminating with cause include, but are not limited to, insolvency or bankruptcy, failure to maintain qualified servicing staff, the servicer's failure to comply with the servicing requirements, our determination that the servicer's overall performance is unacceptable, the servicer's failure to fulfill any obligation to us when due, an unacceptably high delinquency rate, an unacceptably high REO conversion rate, the servicer's failure to account for disposition of all monies and the servicer's misstatement, misrepresentation or omission of any material fact on any document submitted or oral representation made.

## **Quality Control Process**

### ***General***

When we purchase a mortgage loan, we rely on representations and warranties of the seller with respect to certain matters. These representations and warranties cover such matters as:

- The accuracy of the information provided by the mortgagor.
- The accuracy and completeness of any information provided by a seller to us, including third-party reports prepared by qualified professionals, such as property appraisals and credit reports.
- The validity of each mortgage loan as a first lien.
- The fact that payments on each mortgage loan are current at the time of delivery to us.
- The physical condition of the mortgaged property.
- The originator's compliance with applicable federal, state and local laws, including state responsible lending statutes and other applicable laws.
- The seller/servicers' compliance with our purchase agreements, including the Guide and any applicable TOBs.

Our custodians check certain stated terms of the mortgage loan documents, but we generally do not independently verify the terms in the mortgage loan security documents. Moreover, our quality control processes are not designed to uncover all violations of applicable representation and warranties related to the Reference Obligations. See *“Risk Factors — Risks Related to the Notes Being Linked to the Reference Pool — Due Diligence and Quality Control Processes Are Limited — Our Quality Control and Due Diligence Review Processes are Limited and May Not Uncover All Relevant Factors that Could Be Indicative of how the Reference Pool will Perform”*.

### ***Performing Loan Quality Control Review***

As part of our on-going quality control process, for a sample of mortgage loans we have purchased, we review the mortgagor’s origination documentation for compliance with the Guide and any applicable TOBs. We also compare certain seller delivered data elements against the origination documentation for loans in the quality control sample. If data discrepancies are identified, the applicable mortgage loans are reviewed to determine the impact of the adjusted data to the adherence of the mortgage loans to our requirements. Some data discrepancies may cause the mortgage loans to have Unconfirmed Underwriting Defects. The most common Underwriting Defects found in the reviews of mortgage loans purchased related to insufficient income and unable to calculate income-documentation missing/insufficient. Other common defects include inability to calculate monthly obligations-documentation missing/insufficient and insufficient funds to close. We give our seller/servicers an opportunity to appeal Unconfirmed Underwriting Defects in response to our request for the repurchase of any mortgage loan.

### ***Performing Loan Quality Control Review Sampling***

Each month we select a sample of the mortgage loans we acquired in the previous month in order to conduct a quality control review of performing mortgage loans. We use statistical sampling techniques to enable reliable estimates of the share of acquired loans that may be subject to Underwriting Defects. We also use supplemental targeted sampling to focus on loan attributes or sellers that may be of particular interest or concern from time to time. We also review a sample of the mortgage loans we acquired in the previous month to monitor compliance with legal and regulatory requirements pertaining to high-cost home loans. We conduct our review to verify that each mortgage loan reviewed (i) is made to a mortgagor from whom repayment of the mortgage loan can be expected and (ii) is secured by collateral that supports the value and marketability of the mortgaged property.

### ***Credit and Collateral Review***

With respect to each mortgage loan selected for the sample, files are sent to vendors to reverify factual information and then the files are placed in a queue for review. All mortgage loans reviewed are compared against the underwriting standards set forth in the Guide and any applicable TOBs in effect at the time of purchase by us, including a review of the original appraisals of the mortgaged properties (when applicable) that were obtained in connection with the origination of those mortgage loans. The original appraisal value of the mortgaged property is reviewed against a value from HVE, when available, as well as additional collateral tools when appropriate by an underwriter, in order to assess if the original appraisal report supported the value and marketability of the subject property. We require each seller to have appraisal guidelines that include adherence to the requirements set forth in the Guide and any applicable TOBs in effect at the time of purchase by us, that payments for the appraisal may not be conditioned upon a particular valuation and that future business from the seller may not be used to influence or attempt to influence the valuation. To the extent HVE indicates that the original appraisal report significantly exceeded the actual value, we use other tools, including review appraisals, to determine if value and marketability of the mortgaged property was supported. This type of review is referred to as the “credit review” of mortgage loans. Our credit review also captures the names of parties to the mortgage loan transactions and compares them to our exclusionary list, which consists of individuals and companies that are prohibited from participating in transactions involving us, either directly or indirectly, due to lack of integrity or business competency. We require repurchase of any mortgage loan that was originated with parties on the exclusionary list.



### ***Responsible Lending Review***

Some mortgage loans are selected for responsible lending reviews, and are reviewed to assess whether those mortgage loans were originated in compliance with our responsible lending policy. Our responsible lending policy prohibits us from purchasing mortgage loans that have certain unacceptable terms and conditions (such as prepayment penalties, mandatory arbitration clauses and single premium credit life insurance). In addition, our policy prohibits us from purchasing mortgage loans designated as “high-cost,” “high-risk” or similar mortgage loans in identified states that impose assignee liability for violations of laws governing high cost home loans and mortgage loans. Our compliance review does not include examination of documents to ensure that the loan complies with all laws. This type of review is referred to as the “compliance review”. Mortgage loans that violate our charter or responsible lending policy are required to be repurchased by the applicable seller.

Reviewed mortgage loans that revealed Underwriting Defects were excluded from the Reference Pool. We may make contract exceptions for mortgage loans with minor technical violations or missing documentation that, notwithstanding the related violations, we determine to be acceptable mortgage loans.

Investors should note that only those mortgage loans selected as part of the sample as described above are subject to any credit or compliance review as part of our quality control review and that mortgage loans not selected as part of the sample as described above are not the subject of a credit or compliance review. See “— *Limitations of the Quality Control Review Process*” below and “*Risk Factors — Risks Related to the Notes Being Linked to the Reference Pool — Due Diligence and Quality Control Processes Are Limited — Our Quality Control and Due Diligence Review Processes are Limited and May Not Uncover All Relevant Factors that Could Be Indicative of how the Reference Pool will Perform*”.

### ***Non-Performing Loan Quality Control Review***

As part of our loss mitigation efforts, we perform a review of certain mortgage loans that become delinquent or, enter foreclosure and/or foreclosure alternative for compliance with the applicable contract guidelines relating to seller representation and warranty requirements in place at the time the loans were purchased by us. As of June 2, 2014, Freddie Mac also undertakes a similar non-performing loan review of each Credit Event Reference Obligation, provided the applicable representations and warranties are still in effect and the loan age is less than five years. We may, at our discretion, review Credit Event Reference Obligations with a loan age of five years or greater. See “*General Mortgage Loan Purchase and Servicing — Quality Control Process — Sunset of Representations and Warranties*” and “*Risk Factors — Risks Related to the Notes Being Linked to the Reference Pool — Due Diligence and Quality Control Processes Are Limited — Our Review of Reference Obligations That Become Credit Event Reference Obligations May Not Result in Reversed Credit Event Reference Obligations*”. Our non-performing loan reviews are conducted to verify that the applicable mortgage loan or Credit Event Reference Obligation (i) is made to a mortgagor from whom repayment can be expected, (ii) is secured by collateral that is adequate for the transaction and (iii) otherwise complies with our underwriting guidelines and other requirements set forth in our Guide and any applicable TOBs. For the mortgage loans selected to be reviewed or the Credit Event Reference Obligations reviewed, the loan files are sent to vendors to reverify factual information and then placed in a queue for review. All mortgage loans or Credit Event Reference Obligations reviewed are compared against the underwriting standards set forth in the Guide and any applicable TOBs in effect at the time of purchase by us. This review includes a credit component, a collateral component and captures the names of the parties to the mortgage loan transactions to ensure that none appear on the exclusionary list. Repurchase requests are sent by us to applicable sellers or servicers on those mortgage loans or Credit Event Reference Obligations that are deemed to have Unconfirmed Underwriting Defects, including any party on the exclusionary list and/or unsupported value or marketability. See “*Risk Factors — Risks Related to the Notes Being Linked to the Reference Pool — Due Diligence and Quality Control Processes Are Limited — Our Review of Reference Obligations That Become Credit Event Reference Obligations May Not Result in Reversed Credit Event Reference Obligations*”.

### ***Limitations of the Quality Control Review Process***

As noted above under the Risk Factor captioned “*Risks Related to the Notes Being Linked to the Reference Pool — Due Diligence and Quality Control Processes Are Limited — Our Quality Control and Due Diligence*



*Review Processes are Limited and May Not Uncover All Relevant Factors that Could Be Indicative of how the Reference Pool will Perform*”, there can be no assurance that our review uncovered all relevant factors relating to the origination of the Reference Obligations, each originator’s compliance with applicable law and regulations and the property valuation relating to the mortgaged properties, or uncovered all relevant factors that could affect the future performance of the Reference Obligations. We reviewed a small percentage of the Reference Obligations (which limited review may not detect all Unconfirmed Underwriting Defects for mortgage loans that were reviewed) and the Reference Obligations that were included in the review may have characteristics that were not discovered, noted or analyzed as part of the review that could, nonetheless, result in those Reference Obligations failing to perform in the future. Furthermore, even if Unconfirmed Underwriting Defects are detected, we may or may not pursue remedies against the related seller or servicer based on a variety of factors, which may not, at our sole discretion, consider the interest of Noteholders.

Investors are encouraged, in particular, to note the following with respect to the property valuation that was conducted as part of our review.

Differences may exist among and between estimated valuations due to the subjective nature of estimated valuations and appraisals, particularly between different appraisers estimating valuations or performing appraisals at different points in time, as well as among appraisers and other persons reviewing the appraisals or other valuations.

Appraisals and other valuations represent the analysis and opinion at the time it is prepared, and are not guarantees of, and may not be indicative of, the present or future value of the mortgaged property.

Investors are encouraged to make their own determination as to the extent to which they place reliance on the limited loan review procedures carried out on only a small percentage of the Reference Obligations as part of our review.

### ***Repurchases***

To the extent that we determine that the origination of a mortgage loan has an Unconfirmed Underwriting Defect relating to a representation or warranty given by a seller, and such representation or warranty is still in effect, as described under “— *Sunset of Representations and Warranties*”, the applicable seller or servicer generally will be obligated to repurchase the mortgage loan within 60 days after the date of our notice of such defect. We are not required, however, to enforce the repurchase obligation of the seller or servicer.

Upon receipt of a repurchase notice, the seller or servicer may file an appeal if it has additional supporting information and/or documentation that may affect our decision. The appeal must be filed within 60 days from the date of our notice requiring repurchase. We review the appeal and advise the seller/servicer in writing of the appeal decision. If we deny the appeal, the seller or servicer must repurchase the mortgage loan within 15 days from the date of our denial letter. A second appeal is permitted within those 15 days if the seller/servicer is able to provide new documentation to support its contention that the mortgage loan complies with the contract. We may use discretion to make exceptions to the number of appeals and timelines when there are extenuating circumstances. After exhausting all available appeals, a seller may request an impasse discussion with our quality control management personnel. If the impasse discussion does not resolve the repurchase, appeal, additional management escalation and an independent review process may be available. Any repurchase decision finally upheld by these processes requires sellers or servicers to remit repurchase funds or be subjected to late fees and/or other remedies.

Even if we conclude that there was a breach of a representation and warranty, we cannot assure you that the seller or servicer will ultimately agree with our determination and repurchase the related Reference Obligation from us or that we will recover any amounts from such seller or servicer. In addition, it may be difficult, expensive, and time consuming to legally pursue a repurchase claim against a seller or servicer and we cannot assure you that we would prevail on the merits of any such claim. Efforts to enforce a repurchase claim may lead to further disputes with some of our seller/servicers and counterparties that may result in further litigation and any potential recoveries may take significant time to realize. Investors in the Notes are also subject to the risk that sellers or servicers do not fully perform or cannot fully perform any repurchase obligations.

### ***Selling Quality Assurance***

We perform a quality assurance review on a small percentage of the mortgage loans that we review in our quality control process. This secondary review is performed to evaluate the quality and consistency of the quality control underwriters' decisions and processes with our credit policies and procedures and the Guide and any applicable TOBs and to provide internal feedback regarding the effectiveness, interpretation and enforcement of policies. In addition to ensuring that the mortgage loans were properly underwritten in accordance with our policies and procedures and the seller's purchase documents, we review data input for accuracy, verify documentation, confirm compliance with our responsible lending policy and evaluate remedies taken for mortgage loans for which problems were discovered in the quality control process. The results of our quality assurance review could lead to changes in our quality control processes. To the extent our quality assurance review identifies an Unconfirmed Underwriting Defect on any mortgage loan, we may demand that such mortgage loan be remedied or repurchased. However, we cannot assure you that the seller will ultimately remedy or repurchase any mortgage loan with an Unconfirmed Underwriting Defect.

### ***Data Reconciliations***

We routinely monitor the integrity of data reported to us by the sellers of the mortgage loans, resulting in the periodic identification of loans or groups of loans that may contain incorrectly reported data. In our discretion, we may accept such mortgage loans in the form provided to us or we may request the related seller update or correct the mortgage loan file. To the extent we reach an agreement with a seller regarding potential discrepancies, the data is updated by the applicable seller through a post-funding correction.

### ***Sunset of Representations and Warranties***

The Reference Obligations are subject to representations and warranties made by the sellers. We may have recourse to a seller to the extent there is a breach of a representation and warranty made by that seller. However, we have granted, or may grant, relief to the sellers from their obligations for breaches of representations and warranties under certain limited circumstances. For example, in 2017, we announced that we will provide sellers with Collateral Representation and Warranty Relief for mortgage loans that we processed through Loan Advisor®. To the extent a seller receives Collateral Representation and Warranty Relief for any mortgage loan in the Reference Pool, we will not have recourse to the applicable seller for breaches related to property value of the corresponding Reference Obligation.

Further, and to the extent any Reference Obligation is not eligible for Collateral Representation and Warranty Relief, we will not have recourse to sellers and servicers for breaches of representations or warranties relating to (i) the underwriting of the mortgagor (including loan terms, credit history, employment, income and assets and other financial information used for qualifying the mortgagor), (ii) the underwriting of the mortgaged property (e.g., the description and valuation of the mortgaged property) or (iii) the underwriting of the project in which the mortgaged property is located (e.g., a PUD or condominium project), if any of the following conditions is met:

- following the Settlement Date, the mortgagor (1) made the first 36 monthly payments due with no more than two 30-day delinquencies, and no 60-day or greater delinquencies, and (2) was not 30 or more days delinquent with respect to the 36th monthly payment; provided, however, any of the first 36 monthly payments that are not made by a mortgagor during a forbearance period granted by Freddie Mac in connection with a natural disaster will not be considered delinquent, in which case, Freddie Mac will continue to have recourse for a breach of such representations and warranties until the later of the payment of the 36th monthly payment or the mortgage loan is made current at the expiration of the forbearance period;
- following the Settlement Date, the Reference Obligation was subjected to our quality control review and was determined to satisfactorily comply with the Guide and any applicable TOBs; or
- following the Settlement Date, the Reference Obligation became subject to an agreement whereby the related seller and we settled claims for outstanding and future breaches of origination representations and warranties.

To the extent that none of the above-referenced conditions are satisfied, the representations and warranties will remain in effect and we will continue to have recourse to the related seller and servicer for breaches of any such representations and warranties.

In any event, a seller or servicer will not be relieved from the enforcement of breaches of its representations and warranties on any Reference Obligation with respect to the following seven “life-of-loan” matters:

- (i) compliance with the Freddie Mac Act;
- (ii) misstatements, misrepresentations and omissions;
- (iii) data inaccuracies;
- (iv) clear title/first-lien enforceability;
- (v) compliance with laws and responsible lending practices;
- (vi) single-family mortgage product eligibility; and
- (vii) systemic fraud.

Further information regarding each of these “life-of-loan” exclusions is found in our Guide. We publish guidance to our sellers and servicers through our Guide, lender announcements and lender letters to provide clarity to our sellers and servicers regarding our interpretation of each of these exclusions, including guidance on how we intend to enforce these exclusions, and the relief of a seller’s obligations for breaches of representations and warranties as described above. This guidance is subject to change at our discretion. Future changes to such guidance and interpretations may be applied retroactively and therefore could be applied to the Reference Obligations. See *“Risk Factors — Risks Related to Freddie Mac — Changes in Our Business Practices May Adversely Affect Your Investment”*.

For a discussion of how the sunset of representations and warranties applies to mortgage loans refinanced pursuant to the Enhanced Relief Refinance Program, see *“— Enhanced Relief Refinance Program”* above.

### ***Representation and Warranties Settlements***

In recent years, we have entered into settlements with certain sellers to resolve existing and potential representation and warranties repurchase claims on portfolios of mortgage loans sold to us and may do so in the future. Any such settlement could involve potential representation and warranties claims on Reference Obligations. These settlements typically require us to release the applicable seller from certain repurchase obligations for violations of the Guide and applicable TOBs. Accordingly, we generally will not submit for quality control review any mortgage loans that become subject to such settlement.

See *“Risk Factors — Risks Related to the Notes Being Linked to the Reference Pool — Risks Associated with Mortgage Loan Purchasing and Servicing Generally — The Performance of Sellers and Servicers May Adversely Affect the Performance of the Reference Obligations”*.

## **REO Disposition**

### ***General***

HomeSteps® is our sales unit responsible for marketing and selling REOs. HomeSteps’ mission is to effectively manage our credit losses through effective and responsible REO management strategies while stabilizing home values and supporting communities. REO performance goals focus on achieving a balance between financial recovery, timelines, our mission, FHFA regulatory and conservator housing policies and reputation. In an effort to maximize financial recovery and reduce liability risks, HomeSteps outsources almost all activities to third-party vendors. We, in our discretion, may remove REO properties for sale in one or more localities due to the inability to conduct a sale resulting from state and local government orders.

HomeSteps employs various sales and marketing strategies to attract buyers and approves and monitors asset expenditures on REOs. HomeSteps utilizes a combination of specialized vendors, analytical tools and procedures to establish an estimated market value of REOs, while managing property preservation and

maintenance expenses and related property costs in an effort to preserve value and help stabilize communities. To the extent that FHFA directs us to pursue an initiative that impacts REOs the REOs subject to such an initiative may incur additional losses. For example, in connection with the Neighborhood Stabilization Initiative, which seeks the best disposition of distressed properties in particularly hard hit areas, certain low value properties may be donated to the community, demolished or repaired. The costs and losses associated with any such activities will be borne by any applicable securitization trust and may result in further losses that are allocated to noteholders or certificateholders, as applicable.

### ***The REO Intake Process***

After a foreclosure sale is reported to us, property information is sent to HomeSteps and proprietary business systems assign an outsourced vendor, which assigns a real estate broker to the property according to their geographical coverage area and available capacity. Once the real estate broker accepts an assignment, they will perform an initial assessment of the property's condition and occupancy status. Depending upon the status of the property, it may be sold at auction or through the traditional retail sales channel.

### ***Redemption and Confirmation Periods***

Initial activities on an REO depend upon whether the former mortgagor has a post-sale right to redeem. Approximately half of all states have a redemption period during which the former owner may pay us an amount calculated by statute to "redeem" the REO, i.e., regain title to the property. The amount paid by the former owner usually corresponds to the sales price at foreclosure or the total indebtedness owed to us, depending upon the state. During the redemption period the former owner may have the right to occupy and rent the REO to third parties, which can lead to increased levels of damage to the REO and heighten the chances that an eviction will be necessary. However, in some states HomeSteps is able to take immediate possession of the REO and sell it during the redemption period. The real estate broker is assigned to perform periodic drive-by inspections, and HomeSteps or its vendors monitor the property status based upon these inspections. A key goal is to shorten the redemption period if the property is voluntarily vacated prior to the end of the redemption period. If the property is determined to be abandoned, we will seek to have the redemption rights waived through the local courts. Once the redemption period expires and the property is released, the same disposition process used for properties in non-redemption states is followed. Some states may also have a confirmation period during which the former owner may contest the foreclosure sale before a court declares the sale to be final or "confirmed." Confirmation periods range from several weeks to months. Depending upon the state, HomeSteps may not have title or possession of the REO during the confirmation period.

### ***Preservation and Maintenance***

After a property comes into HomeSteps' inventory and is free from any applicable redemption or confirmation periods, the assigned real estate broker checks the condition and the occupancy status of the property. If the property will be sold using a retail sales strategy and is occupied, the property is referred to an eviction team and the assigned attorneys begin the eviction process. If the property is vacant, the real estate broker will initiate the initial cleaning and securing of the property to prepare it for market. Real estate brokers are required to inspect the properties weekly to ensure HomeSteps' adequate preservation and maintenance standards are being applied consistently and monitor for any changes to the properties. We also use national inspection companies to conduct additional property inspections each month.

### ***Rental Management/Eviction***

If properties are occupied, the occupants may be provided with options including the opportunity to accept relocation assistance (Cash for Keys) or to participate in the REO Rental Program (for qualified occupants to remain in qualified properties). When there are tenants with a valid existing lease, HomeSteps may be required by applicable law to accept the existing lease or work with the tenants to establish a new Freddie Mac lease agreement. We may be able to market and sell the property during the tenancy.

If the occupant must be evicted, HomeSteps works with the assigned attorney to initiate the eviction process. The Cash for Keys program may be utilized to encourage the occupants to vacate in return for a cash payment to assist them in their relocation.

### ***Title***

Upon foreclosure, servicers are required to deliver a property with clear and marketable title to us. HomeSteps works to ensure that we have clear title to REOs by working with external service providers to proactively resolve identified title issues so that the property is sold with clear and marketable title. Title is generally cleared prior to listing the property for sale; however, some complex title issues are submitted to HomeSteps to work with the servicer to buy back the property.

### ***Property Valuation and Disposition***

When we have the legal right to access the property, the assigned real estate broker will determine occupancy status and alert us to any damage that may be covered by a hazard insurance policy that was in place prior to the vacancy of the REO. Our property valuation utilizes a variety of inputs, such as one or more BPOs or an appraisal. HomeSteps monitors daily performance, as well as overall trends in the valuation performance for the entire portfolio of REOs owned by us. Once we have established the estimated value, a marketing strategy and budget is developed for the property.

To establish an estimated market value for an REO, HomeSteps currently utilizes a valuation process requiring at least three opinions of value: (i) a BPO from the real estate broker, (ii) a second independent BPO from a national valuation vendor and (iii) an automated value from HVE. Based on the variance between the two BPOs and HVE, our proprietary valuation methodology calculates the estimated market value. However, if the variance is excessive, HomeSteps may either order an appraisal of the property by a licensed appraiser or conduct a desktop review to determine the estimated market value of the property. Validation processes are in place to achieve the final estimate of fair market value in an effort to reflect the most probable price which a property should bring in a competitive and open market under all conditions requisite for a fair sale, assuming that the buyer and seller each act prudently and knowledgeably, and that the price is not affected by undue stimulus.

### ***Special Sales Programs***

HomeSteps maintains several special programs to encourage owner-occupants to purchase its REO. The “First Look” program allows potential owner occupants and non-profit organizations to make offers on the REO for the first 20 days (30 days in Nevada, Cook County, Illinois and the City of Detroit, Michigan) the REO is listed for sale without competition from investor buyers. During the First Look period HomeSteps will not consider offers from buyers seeking to acquire the REO for investment purposes. While HomeSteps will accept the highest and best offer received during the First Look period, the decrease of competitive bidders may lead to the REO being sold at prices that are less than could have been gained if investors’ offers had been considered.

HomeSteps has an agreement with the National Community Stabilization Trust wherein it will allow non-profit organizations and local governments to inspect and submit offers to purchase the REO before the REO is inspected and listed for sale. In these cases the REO is sold to National Community Stabilization Trust participating buyers at a discount to estimated fair market value.

HomeSteps may also refer properties to an auction company. The resulting auctions may occur before the REO has been fully inspected. Auction sale prices may be lower than the fair market value of the REO but disposition of the REO is usually faster than a retail sale.

**Appendix F**  
**CUSIP NUMBERS**

<u>Class of Notes</u>	<u>Rule 144A</u>	<u>Regulation S</u>
M-1A . . . . .	35564KX79	U3201WX69
M-1B . . . . .	35564KX87	U3201WX77
M-2A . . . . .	35564KX95	U3201WX85
M-2B . . . . .	35564KY29	U3201WX93
M-2 . . . . .	35564KY37	U3201WY27
M-2R . . . . .	35564KY45	U3201WY35
M-2S . . . . .	35564KY52	U3201WY43
M-2T . . . . .	35564KY60	U3201WY50
M-2U . . . . .	35564KY78	U3201WY68
M-2I . . . . .	35564KY86	U3201WY76
M-2AR . . . . .	35564KY94	U3201WY84
M-2AS . . . . .	35564KZ28	U3201WY92
M-2AT . . . . .	35564KZ36	U3201WZ26
M-2AU . . . . .	35564KZ44	U3201WZ34
M-2AI . . . . .	35564KZ51	U3201WZ42
M-2BR . . . . .	35564KZ69	U3201WZ59
M-2BS . . . . .	35564KZ77	U3201WZ67
M-2BT . . . . .	35564KZ85	U3201WZ75
M-2BU . . . . .	35564KZ93	U3201WZ83
M-2BI . . . . .	35564K2A6	U3201WZ91
M-2RB . . . . .	35564K2B4	U3201W2A4
M-2SB . . . . .	35564K2C2	U3201W2B2
M-2TB . . . . .	35564K2D0	U3201W2C0
M-2UB . . . . .	35564K2E8	U3201W2D8



