

# \$862,234,221 Government National Mortgage Association

## GINNIE MAE®

### Guaranteed REMIC Pass-Through Securities and MX Securities Ginnie Mae REMIC Trust 2025-080

#### The Securities

The Trust will issue the Classes of Securities listed on the front cover of this offering circular supplement.

#### The Ginnie Mae Guaranty

Ginnie Mae will guarantee the timely payment of principal and interest on the securities. The Ginnie Mae Guaranty is backed by the full faith and credit of the United States of America.

#### The Trust and its Assets

The Trust will own Ginnie Mae Certificates.

**The securities may not be suitable investments for you. You should consider carefully the risks of investing in them.**

See “Risk Factors” beginning on page S-9 which highlights some of these risks.

The Sponsor and the Co-Sponsor will offer the securities from time to time in negotiated transactions at varying prices. We expect the closing date to be May 30, 2025.

You should read the Base Offering Circular as well as this Supplement.

The securities are exempt from registration under the Securities Act of 1933 and are “exempted securities” under the Securities Exchange Act of 1934.

Class of REMIC Securities	Original Principal Balance(2)	Interest Rate	Principal Type(3)	Interest Type(3)	CUSIP Number	Final Distribution Date(4)
<b>Security Group 1</b>						
AB(1)	\$ 59,151,000	5.00%	SEQ	FLX	38385GCB3	July 2050
AC(1)	7,814,000	5.00	SEQ	FLX	38385GCC1	December 2051
AD(1)	7,408,000	5.00	SEQ	FLX	38385GCD9	February 2053
AE(1)	180,000,000	(5)	PT	FLT	38385GCE7	July 2054
BF(1)	6,585,000	5.00	SEQ/AD	FLX	38385GCE4	May 2036
BZ(1)	9,041,000	5.00	SEQ	FLX/Z	38385GCG2	July 2054
IT(1)	180,000,000	(5)	NTL(PT)	INV/IO	38385GCHO	July 2054
SA	180,000,000	(5)	NTL(PT)	INV/IO	38385GCJ6	July 2054
TI(1)	180,000,000	(5)	NTL(PT)	INV/IO	38385GCK3	July 2054
<b>Security Group 2</b>						
FB	88,105,482	(5)	PT	FLT	38385GCL1	May 2055
SB	88,105,482	(5)	NTL(PT)	INV/IO	38385GCM9	May 2055
<b>Security Group 3</b>						
DH(1)	30,479,000	5.00	SEQ	FLX	38385GCN7	September 2049
DV(1)	6,318,000	5.00	SEQ/AD	FLX	38385GCP2	May 2036
DZ(1)	8,677,000	5.00	SEQ	FLX/Z	38385GCQ0	May 2055
FD	100,000,000	(5)	PT	FLT	38385GCR8	May 2055
HD(1)	4,526,000	5.00	SEQ	FLX	38385GCS6	March 2051
SD	100,000,000	(5)	NTL(PT)	INV/IO	38385GCT4	May 2055
<b>Security Group 4</b>						
FJ	53,000,000	(5)	PT	FLT	38385GCU1	May 2055
SJ	53,000,000	(5)	NTL(PT)	INV/IO	38385GCV9	May 2055
<b>Security Group 5</b>						
CZ	9,963,000	5.00	SUP/AD	FLX/Z	38385GCW7	January 2046
P	78,841,000	5.00	PAC/AD	FLX	38385GCX5	January 2046
ZA	20,901,118	5.00	SEQ	FLX/Z	38385GCY3	January 2055
<b>Security Group 6</b>						
PA	13,692,000	7.00	PAC/AD	FLX	38385GCZ0	January 2054
PZ	246,000	7.00	PAC/AD	FLX/Z	38385GDA4	February 2055
ZC	1,130,926	7.00	SUP	FLX/Z	38385GDB2	February 2055
<b>Security Group 7</b>						
FG	41,000,000	(5)	PAC	FLT	38385GDC0	January 2055
GB	1,000,000	6.00	SUP/AD	FLX	38385GDD8	June 2028
GI	857,142	7.00	NTL(SUP)	FLX/IO	38385GDE6	January 2055
GZ	5,000,000	6.00	SUP	FLX/Z	38385GDF3	January 2055
SG	41,000,000	(5)	NTL(PAC)	INV/IO	38385GDG1	January 2055
<b>Security Group 8</b>						
IL(1)	129,354,695	(5)	NTL(PT)	INV/IO	38385GDH9	May 2055
LF(1)	129,354,695	(5)	PT	FLT	38385GDJ5	May 2055
LI(1)	129,354,695	(5)	NTL(PT)	INV/IO	38385GDK2	May 2055
SL	129,354,695	(5)	NTL(PT)	INV/IO	38385GDL0	May 2055
<b>Residual</b>						
RR	0	0.00	NPR	NPR	38385GDM8	May 2055

- (1) These Securities may be exchanged for MX Securities described in Schedule I to this Supplement.
- (2) Subject to increase as described under “Increase in Size” in this Supplement. The amount shown for each Notional Class (indicated by “NTL” under Principal Type) is its original Class Notional Balance and does not represent principal that will be paid.
- (3) As defined under “Class Types” in Appendix I to the Base Offering Circular. The Class Notional Balance of each Notional Class will be reduced as shown under “Terms Sheet — Notional Classes” in this Supplement.
- (4) See “Yield, Maturity and Prepayment Considerations — Final Distribution Date” in this Supplement.
- (5) See “Terms Sheet — Interest Rates” in this Supplement.

## AVAILABLE INFORMATION

You should purchase the securities only if you have read and understood the following documents:

- this Offering Circular Supplement (this “Supplement”) and
- the Base Offering Circular.

The Base Offering Circular is available on Ginnie Mae’s website located at <http://www.ginniemae.gov> (“ginniemae.gov”).

If you do not have access to the internet, call BNY Mellon, which will act as information agent for the Trust, at (800) 234-GNMA, to order copies of the Base Offering Circular.

Please consult the standard abbreviations of Class Types included in the Base Offering Circular as Appendix I and the glossary included in the Base Offering Circular as Appendix II for definitions of capitalized terms.

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## TERMS SHEET

This terms sheet contains selected information for quick reference only. You should read this Supplement, particularly “Risk Factors,” and each of the other documents listed under “Available Information.”

**Sponsor:** Morgan Stanley & Co. LLC

**Co-Sponsor:** Mischler Financial Group, Inc.

**Trustee:** U.S. Bank National Association

**Tax Administrator:** The Trustee

**Closing Date:** May 30, 2025

**Distribution Date:** The 20th day of each month or, if the 20th day is not a Business Day, the first Business Day thereafter, commencing in June 2025.

**Trust Assets:**

<u>Trust Asset Group</u>	<u>Trust Asset Type</u>	<u>Certificate Rate</u>	<u>Original Term To Maturity (in years)</u>
1	Ginnie Mae II	6.000%	30
2	Ginnie Mae II	6.500%	30
3	Ginnie Mae II	6.000%	30
4	Ginnie Mae II	6.000%	30
5	Ginnie Mae II	5.000%	30
6	Ginnie Mae II	7.000%	30
7	Ginnie Mae II	7.000%	30
8	Ginnie Mae II	6.500%	30

**Security Groups:** This series of Securities consists of multiple Security Groups (each, a “Group”), as shown on the front cover of this Supplement and on Schedule I to this Supplement. Payments on each Group will be based solely on payments on the Trust Asset Group with the same numerical designation.

**Assumed Characteristics of the Mortgage Loans Underlying the Group 2, 3 and 8 Trust Assets<sup>(1)</sup>:**

<u>Principal Balance</u>	<u>Weighted Average Remaining Term to Maturity (in months)</u>	<u>Weighted Average Loan Age (in months)</u>	<u>Weighted Average Mortgage Rate<sup>(2)</sup></u>
<b>Group 2 Trust Assets</b>			
\$88,105,482	352	2	7.002%
<b>Group 3 Trust Assets</b>			
\$150,000,000	357	1	6.495%
<b>Group 8 Trust Assets</b>			
\$129,354,695	352	1	6.970%

<sup>(1)</sup> As of May 1, 2025.

<sup>(2)</sup> The Mortgage Loans underlying the Group 2, 3 and 8 Trust Assets may bear interest at rates ranging from 0.25% to 1.50% per annum above the related Certificate Rate.

The actual remaining terms to maturity, loan ages and Mortgage Rates of many of the Mortgage Loans underlying the Group 2, 3 and 8 Trust Assets will differ from the weighted averages shown above, perhaps significantly. See *“The Trust Assets — The Mortgage Loans” in this Supplement.*

**Characteristics of the Mortgage Loans Underlying the Group 1, 4, 5, 6 and 7 Trust Assets<sup>(1)</sup>:**

<u>Pool Number</u>	<u>Principal Balance</u>	<u>Weighted Average Remaining Term to Maturity (in months)</u>	<u>Weighted Average Loan Age (in months)</u>	<u>Weighted Average Mortgage Rate<sup>(2)</sup></u>
<b>Group 1 Trust Asset</b>				
MA9780 .....	\$270,000,000.45	347	10	6.553%
<b>Group 4 Trust Asset</b>				
MB0367 .....	\$ 53,000,000.00	358	0	6.488%
<b>Group 5 Trust Assets</b>				
787734 .....	\$ 56,468,784.06	354	5	5.576%
DH0277 .....	53,236,334.59	355	4	5.481%
	<u>\$109,705,118.65</u>			
<b>Group 6 Trust Assets</b>				
DF9996 .....	\$ 249,068.68	348	4	7.571%
787818 .....	14,321,950.07	348	6	7.478%
787838 .....	497,907.40	348	4	7.493%
	<u>\$ 15,068,926.15</u>			
<b>Group 7 Trust Assets</b>				
DD3816 .....	\$ 1,472,735.14	351	9	7.624%
DF0770 .....	3,861,968.95	352	8	7.385%
DC3325 .....	3,764,584.47	351	8	7.375%
DF0536 .....	1,515,198.30	352	8	7.375%
DF5204 .....	3,163,090.12	352	8	7.375%
DD4260 .....	1,552,487.28	349	9	7.324%
DE4858 .....	10,547,584.47	351	8	7.459%
DF0576 .....	1,835,819.38	352	8	7.375%
DG2475 .....	1,171,930.03	350	10	7.483%
DF1468 .....	2,179,316.49	351	7	7.431%
DD4478 .....	1,153,135.92	355	5	7.672%
DF1453 .....	3,882,925.86	354	6	7.375%
DE4873 .....	1,192,475.86	354	6	7.468%
DE2401 .....	3,733,475.72	352	5	7.370%
DG5837 .....	1,180,987.92	355	5	7.625%
DE7941 .....	116,902.87	355	5	7.250%
DF7628 .....	3,483,700.53	350	4	7.293%
DG5053 .....	1,191,681.36	356	4	7.250%
	<u>\$ 47,000,000.67</u>			

<sup>(1)</sup> As of May 1, 2025.

<sup>(2)</sup> The Mortgage Loans underlying the Group 1, 4, 5, 6 and 7 Trust Assets may bear interest at rates ranging from 0.25% to 1.50% per annum above the related Certificate Rate.

The actual remaining terms to maturity, loan ages and Mortgage Rates of many of the Mortgage Loans underlying the Group 1, 4, 5, 6 and 7 Trust Assets will differ from the weighted averages shown above, perhaps significantly. See *“The Trust Assets — The Mortgage Loans” in this Supplement.*

**Issuance of Securities:** The Securities, other than the Residual Securities, will initially be issued in book-entry form through the book-entry system of the U.S. Federal Reserve Banks (the “Fedwire Book-Entry System”). The Residual Securities will be issued in fully registered, certificated form. See “Description of the Securities — Form of Securities” in this Supplement.

**Modification and Exchange:** If you own exchangeable Securities you will be able, upon notice and payment of an exchange fee, to exchange them for a proportionate interest in the related Securities shown on Schedule I to this Supplement. See “Description of the Securities — Modification and Exchange” in this Supplement.

**Increased Minimum Denomination Classes:** Each Class that constitutes an Interest Only Class. See “Description of the Securities — Form of Securities” in this Supplement.

**Interest Rates:** The Interest Rates for the Fixed Rate Classes are shown on the front cover of this Supplement or on Schedule I to this Supplement.

The Floating Rate and Inverse Floating Rate Classes will bear interest at per annum rates based on a 30-day compounded average of the Secured Overnight Financing Rate (“SOFR”) (hereinafter referred to as “30-day Average SOFR”) as follows:

Class	Interest Rate Formula(1)	Initial Interest Rate(2)	Minimum Rate	Maximum Rate	Delay (in days)	30-day Average SOFR for Minimum Interest Rate
<b>Security Group 1</b>						
AF .....	30-day Average SOFR + 1.20%	5.55369%	1.20%	6.50%	0	0.00%
BF .....	30-day Average SOFR + 1.35%	5.70369%	1.35%	6.50%	0	0.00%
FA .....	30-day Average SOFR + 1.50%	5.85369%	1.50%	6.50%	0	0.00%
IT .....	5.15% – 30-day Average SOFR	0.15000%	0.00%	0.15%	0	5.15%
SA .....	5.00% – 30-day Average SOFR	0.64631%	0.00%	5.00%	0	5.00%
TI .....	5.30% – 30-day Average SOFR	0.15000%	0.00%	0.15%	0	5.30%
<b>Security Group 2</b>						
FB .....	30-day Average SOFR + 1.5%	5.85369%	1.50%	6.50%	0	0.00%
SB .....	5.0% – 30-day Average SOFR	0.64631%	0.00%	5.00%	0	5.00%
<b>Security Group 3</b>						
FD .....	30-day Average SOFR + 1.4%	5.75068%	1.40%	6.50%	0	0.00%
SD .....	5.1% – 30-day Average SOFR	0.74932%	0.00%	5.10%	0	5.10%
<b>Security Group 4</b>						
FJ .....	30-day Average SOFR + 1.65%	5.99800%	1.65%	6.00%	0	0.00%
SJ .....	4.35% – 30-day Average SOFR	0.00200%	0.00%	4.35%	0	4.35%
<b>Security Group 7</b>						
FG .....	30-day Average SOFR + 1.05%	5.40000%	1.05%	7.00%	0	0.00%
SG .....	5.95% – 30-day Average SOFR	1.60000%	0.00%	5.95%	0	5.95%
<b>Security Group 8</b>						
FL .....	30-day Average SOFR + 1.35%	5.68128%	1.35%	6.50%	0	0.00%
IL .....	5.20% – 30-day Average SOFR	0.05000%	0.00%	0.05%	0	5.20%
JF .....	30-day Average SOFR + 1.30%	5.63128%	1.30%	6.50%	0	0.00%
LF .....	30-day Average SOFR + 1.25%	5.58128%	1.25%	6.50%	0	0.00%
LI .....	5.25% – 30-day Average SOFR	0.05000%	0.00%	0.05%	0	5.25%
SL .....	5.15% – 30-day Average SOFR	0.81872%	0.00%	5.15%	0	5.15%

(1) 30-day Average SOFR will be established as described under “Description of the Securities — Interest Distributions — Floating Rate and Inverse Floating Rate Classes” in this Supplement.

(2) The initial Interest Rate will be in effect during the first Accrual Period; the Interest Rate will adjust monthly thereafter.

**Allocation of Principal:** On each Distribution Date for a Security Group, the following distributions will be made to the related Securities:

#### **SECURITY GROUP 1**

The Group 1 Principal Distribution Amount and the BZ Accrual Amount will be allocated as follows:

- The BZ Accrual Amount, sequentially, to BV and BZ, in that order, until retired
- The Group 1 Principal Distribution Amount, concurrently, as follows:
  1. 66.6666666667%, to AF, until retired
  2. 33.3333333333%, sequentially, to AB, AC, AD, BV and BZ, in that order, until retired

#### **SECURITY GROUP 2**

The Group 2 Principal Distribution Amount will be allocated to FB, until retired

#### **SECURITY GROUP 3**

The Group 3 Principal Distribution Amount and the DZ Accrual Amount will be allocated as follows:

- The DZ Accrual Amount, sequentially, to DV and DZ, in that order, until retired
- The Group 3 Principal Distribution Amount, concurrently, as follows:
  1. 66.6666666667%, to FD, until retired
  2. 33.3333333333%, sequentially, to DH, HD, DV and DZ, in that order, until retired

#### **SECURITY GROUP 4**

The Group 4 Principal Distribution Amount will be allocated to FJ, until retired

#### **SECURITY GROUP 5**

The Group 5 Principal Distribution Amount, the CZ Accrual Amount and the ZA Accrual Amount will be allocated in the following order of priority:

1. To P, until reduced to its Scheduled Principal Balance for that Distribution Date
2. To CZ, until retired
3. To P, without regard to its Scheduled Principal Balance, until retired
4. To ZA, until retired

#### **SECURITY GROUP 6**

The Group 6 Principal Distribution Amount, the PZ Accrual Amount and the ZC Accrual Amount will be allocated as follows:

- The PZ Accrual Amount, sequentially, to PA and PZ, in that order, until retired

- The Group 6 Principal Distribution Amount and the ZC Accrual Amount will be allocated in the following order of priority:

1. Sequentially, to PA and PZ, in that order, until reduced to their Aggregate Scheduled Principal Balance for that Distribution Date

2. To ZC, until retired

3. Sequentially, to PA and PZ, in that order, without regard to their Aggregate Scheduled Principal Balance for that Distribution Date, until retired

#### SECURITY GROUP 7

The Group 7 Principal Distribution Amount and the GZ Accrual Amount will be allocated as follows:

- The GZ Accrual Amount, sequentially, to GB and GZ, in that order, until retired
- The Group 7 Principal Distribution Amount in the following order of priority:
  1. To FG, until reduced to its Scheduled Principal Balance for that Distribution Date
  2. Sequentially, to GB and GZ, in that order, until retired
  3. To FG, without regard to its Scheduled Principal Balance, until retired

#### SECURITY GROUP 8

The Group 8 Principal Distribution Amount will be allocated to LF, until retired

**Scheduled Principal Balances:** The Scheduled Principal Balances or Aggregate Scheduled Principal Balances for the Classes listed below are included in Schedule II to this Supplement. They were calculated using among other things the following Structuring Ranges:

<u>Security Group</u>		<u>Structuring Ranges</u>
	<b>PAC Classes</b>	
5	P .....	100% PSA through 160% PSA
6	PA and PZ (in the aggregate) .....	350% PSA through 450% PSA
7	FG .....	285% PSA through 385% PSA

**Accrual Classes:** Interest will accrue on each Accrual Class identified on the front cover of this Supplement at the per annum rate set forth on that page. However, no interest will be distributed to the Accrual Classes as interest. Interest so accrued on each Accrual Class on each Distribution Date will constitute an Accrual Amount, which will be added to the Class Principal Balance of that Class on each Distribution Date and will be distributable as principal as set forth in this Terms Sheet under “Allocation of Principal.”

**Notional Classes:** The Notional Classes will not receive distributions of principal but have Class Notional Balances for convenience in describing their entitlements to interest. The Class Notional Balance of each Notional Class represents the percentage indicated below of, and reduces to that extent with, the Class Principal Balances indicated:

<b>Class</b>	<b>Original Class Notional Balance</b>	<b>Represents Approximately</b>
<b>Security Group 1</b>		
IT .....	\$180,000,000	100% of AF (PT Class)
SA .....	180,000,000	100% of AF (PT Class)
TI .....	180,000,000	100% of AF (PT Class)
<b>Security Group 2</b>		
SB .....	\$ 88,105,482	100% of FB (PT Class)
<b>Security Group 3</b>		
SD .....	\$100,000,000	100% of FD (PT Class)
<b>Security Group 4</b>		
SJ .....	\$ 53,000,000	100% of FJ (PT Class)
<b>Security Group 7</b>		
GI .....	\$ 857,142	14.2857142857% of GB and GZ (in the aggregate) (SUP Classes)
SG .....	41,000,000	100% of FG (PAC Class)
<b>Security Group 8</b>		
IL .....	\$129,354,695	100% of LF (PT Class)
LI .....	129,354,695	100% of LF (PT Class)
SL .....	129,354,695	100% of LF (PT Class)

**Tax Status:** Double REMIC Series. See “*Certain United States Federal Income Tax Consequences*” in this Supplement and in the Base Offering Circular.

**Regular and Residual Classes:** Class RR is a Residual Class and represents the Residual Interest of the Issuing REMIC and the Pooling REMIC. All other Classes of REMIC Securities are Regular Classes.



## RISK FACTORS

*You should purchase securities only if you understand and are able to bear the associated risks. The risks applicable to your investment depend on the principal and interest type of your securities. This section highlights certain of these risks.*

***The rate of principal payments on the underlying mortgage loans will affect the rate of principal payments on your securities.*** The rate at which you will receive principal payments will depend largely on the rate of principal payments, including prepayments, on the mortgage loans underlying the related trust assets. Any historical data regarding mortgage loan prepayment rates may not be indicative of the rate of future prepayments on the underlying mortgage loans, and no assurances can be given about the rates at which the underlying mortgage loans will prepay. We expect the rate of principal payments on the underlying mortgage loans to vary. Borrowers generally may prepay their mortgage loans at any time without penalty.

The terms of the mortgage loans may be modified to permit, among other things, a partial release of security, which releases a portion of the mortgaged property from the lien securing the related mortgage loan. Partial releases of security may reduce the value of the remaining security and also allow the related borrower to sell the released property and generate proceeds that may be used to prepay the related mortgage loan in whole or in part.

In addition to voluntary prepayments, mortgage loans can be prepaid as a result of governmental mortgage insurance claim payments, loss mitigation arrangements, repurchases or liquidations of defaulted mortgage loans. Although under certain circumstances Ginnie Mae issuers have the option to repurchase defaulted mortgage loans from the related pool underlying a Ginnie Mae MBS certificate, they are not obligated to do so. Defaulted mortgage loans that remain in pools backing Ginnie Mae MBS certificates may be subject to governmental mortgage insurance claim payments, loss mitigation arrangements or foreclosure, which could have the same effect as voluntary prepayments on the cash flow available to pay the securities.

A catastrophic weather event, pandemic or other natural disaster may affect the rate of principal payments, including prepayments, on the underlying mortgage loans. Any such event may damage the related mortgaged properties that secure the mortgage loans or may lead to a general economic downturn in the affected regions, including job losses and declines in real estate values. A general economic downturn may increase the rate of defaults on the mortgage loans in such areas resulting in prepayments on the related securities due to governmental mortgage insurance claim payments, loss mitigation arrangements, repurchases or liquidations of defaulted mortgage loans. Insurance payments on damaged or destroyed homes may also lead to prepayments on the underlying mortgage loans. Further, in connection with presidentially declared major disasters, Ginnie Mae may authorize optional special assistance to issuers, including expanded buyout authority which allows issuers, upon receiving written approval from Ginnie Mae, to repurchase eligible loans from the related pool underlying a Ginnie Mae MBS certificate, even if such loans are not delinquent or do not otherwise meet the standard conditions for removal or repurchase.

No assurances can be given as to the timing or frequency of any governmental mortgage insurance claim payments, issuer repurchases, loss mitigation arrangements or foreclosure proceedings with respect to defaulted mortgage loans and the resulting effect on the timing or rate of principal payments on your securities.

***Rates of principal payments can reduce your yield.*** The yield on your securities probably will be lower than you expect if:

- you bought your securities at a premium (interest only securities, for example) and principal payments are faster than you expected, or
- you bought your securities at a discount and principal payments are slower than you expected.

In addition, if your securities are interest only securities or securities purchased at a significant premium, you could lose money on your investment if prepayments occur at a rapid rate.

***Under certain circumstances, a Ginnie Mae issuer has the right to repurchase a defaulted mortgage loan from the related pool of mortgage loans underlying a particular Ginnie Mae MBS certificate, the effect of which would be comparable to a prepayment of such mortgage loan.*** At its option and without Ginnie Mae's prior consent, a Ginnie Mae issuer may repurchase any mortgage loan at an amount equal to par less any amounts previously advanced by such issuer in connection with its responsibilities as servicer of such mortgage loan to the extent that (i) in the case of a mortgage loan included in a pool of mortgage loans underlying a Ginnie Mae MBS certificate issued on or before December 1, 2002, such mortgage loan has been delinquent for four consecutive months, and at least one delinquent payment remains uncured or (ii) in the case of a mortgage loan included in a pool of mortgage loans underlying a Ginnie Mae MBS certificate issued on or after January 1, 2003, no payment has been made on such mortgage loan for three consecutive months. Any such repurchase will result in prepayment of the principal balance or reduction in the notional balance of the securities ultimately backed by such mortgage loan. No assurances can be given as to the timing or frequency of any such repurchases.

***The levels of 30-day Average SOFR will affect the yields on the floating rate and inverse floating rate securities.*** If 30-day Average SOFR performs differently from what you expect, the yield on the floating rate and inverse floating rate securities may be lower than you expect. Lower levels of such index will generally reduce the yield on the floating rate securities; higher levels of such index will generally reduce the yield on the inverse floating rate securities. You should bear in mind that the timing of changes in the level of such index may affect your yield: generally, the earlier a change, the greater the effect on your yield. It is doubtful that such index will remain constant.

***An investment in the securities is subject to significant reinvestment risk.*** The rate of principal payments on your securities is uncertain. You may be unable to reinvest the payments on your securities at the same returns provided by the securities. Lower prevailing interest rates may result in an unexpected return of principal. In that interest rate climate, higher yielding reinvestment opportunities may be limited. Conversely, higher prevailing interest rates may result in slower returns of principal, and you may not be able to take advantage of higher yielding investment opportunities. The final payment on your security may occur much earlier than the final distribution date.

***Support securities will be more sensitive to rates of principal payments than other securities.*** If principal prepayments result in principal distributions on any distribution date equal to or less than the amount needed to produce scheduled payments on the PAC classes, the related support classes will not receive any principal distribution on that date (other than from any applicable accrual amount). If prepayments result in principal distributions on any distribution date greater than the amount needed to produce scheduled payments on the PAC classes for that distribution date, this excess will be distributed to the related support classes.

***Up to 10% of the mortgage loans underlying the trust assets may be higher balance mortgage loans.*** Subject to special pooling parameters set forth in the Ginnie Mae Mortgage-Backed Securities Guide, qualifying federally-insured or guaranteed mortgage loans that exceed certain balance thresholds established by Ginnie Mae ("higher balance mortgage loans") may be included in Ginnie Mae guaranteed pools. There are no historical performance data regarding the prepayment rates for higher balance mortgage loans. If the higher balance mortgage loans prepay faster or slower than expected, the weighted average lives and yields of the related securities are likely to be affected, perhaps significantly. Furthermore, higher balance mortgage loans tend to be concentrated in certain geographic areas, which may experience relatively higher rates of defaults in the event of

adverse economic conditions. No assurances can be given about the prepayment experience or performance of the higher balance mortgage loans.

***An investment in the floating rate and inverse floating rate securities entails risks not associated with an investment in conventional fixed rate securities or securities linked to established market indices.***

The Federal Reserve Bank of New York began to publish SOFR in April 2018 and compounded averages of SOFR in March 2020. Although the Federal Reserve Bank of New York has also published historical indicative SOFR from August 2014 to March 2018, such pre-publication data necessarily involves assumptions, estimates and approximations. You should not rely on any historical changes or trends in SOFR as an indicator of future changes in SOFR. Daily shifts in SOFR have been, and may in the future be, greater than those in comparable market indices. Because the interest rate applicable to any accrual period for securities with an interest rate based on SOFR will be calculated by reference to the daily rates of SOFR during an approximate 30-day period commencing and ending before the related accrual period as described under “Description of the Securities — Interest Distributions — Floating Rate and Inverse Floating Rate Classes” in this supplement, the return on and value of the floating rate and inverse floating rate securities may fluctuate more than debt securities linked to less volatile indices.

30-day Average SOFR is a relatively new market index, and the floating rate and inverse floating rate securities will likely have no established trading market when issued, and an established trading market may never develop or, if developed, may not be liquid. Market terms for securities indexed to 30-day Average SOFR may evolve over time, and trading prices of some securities indexed to 30-day Average SOFR may be lower than those of later-issued securities as a result. Similarly, if 30-day Average SOFR does not prove to be widely used in similar securities, the trading price of related SOFR-Based Classes may be lower than those of securities linked to

indices that are more widely used. Investors in SOFR-Based Classes may not be able to sell their securities at all or may not be able to sell their securities at prices that will provide them with a yield comparable to similar investments that have a developed secondary market, and may consequently suffer from increased pricing volatility and market risk.

You should consult your own financial and legal advisors about the risks associated with an investment in the floating rate and inverse floating rate securities and the suitability of investing in the floating rate and inverse floating rate securities in light of your particular circumstances.

***Interest on the floating rate and inverse floating rate securities will be determined using a replacement rate if 30-day Average SOFR is no longer available, which could adversely affect the value of your investment in the floating rate and inverse floating rate securities.***

30-day Average SOFR is published by the Federal Reserve Bank of New York based on data received from other sources, and neither Ginnie Mae nor the trustee has any control over its determination, calculation or publication. The activities of the Federal Reserve Bank of New York may directly affect prevailing 30-day Average SOFR in unpredictable ways. There can be no guarantee that 30-day Average SOFR will not be discontinued or fundamentally altered in a manner that is materially adverse to the interests of holders of securities indexed to 30-day Average SOFR. If the manner in which 30-day Average SOFR is calculated is changed or if 30-day Average SOFR is discontinued, that change or discontinuance may result in a reduction of the amount of interest payable on applicable SOFR-Based Classes and the trading prices of such Classes.

The Federal Reserve Bank of New York has noted that it may alter the methods of calculation, publication schedule, rate revision practices or availability of 30-day Average SOFR at any time without notice. There can be no assurance that 30-day Average SOFR will not be discontinued or fundamentally altered in a manner that is materially adverse to the interests of

investors in the floating rate and inverse floating rate securities.

If 30-day Average SOFR is no longer published or cannot be used, the amount of interest payable on the floating rate and inverse floating rate securities will be determined using a replacement rate, as described under “Description of the Securities — Interest Rate Indices — Benchmark Replacement” in the base offering circular. Ginnie Mae will have the sole discretion to make conforming changes in connection with any replacement rate without the consent of security holders or any other party, as described under “Description of the Securities — Interest Rate Indices — Benchmark Replacement” in the base offering circular. This could reduce the amount of interest payable on the floating rate and inverse floating rate securities, which could adversely affect the return on, value of, and market for, the floating rate and inverse floating rate securities. Furthermore, there can be no assurance that the characteristics of any replacement rate will be similar to 30-day Average SOFR or that any replacement rate will produce the economic equivalent of 30-day Average SOFR.

***The securities may not be a suitable investment for you.*** The securities, in particular, the support, interest only, accrual and residual classes, are not suitable investments for all investors.

In addition, although the sponsor intends to make a market for the purchase and sale of the securities after their initial issuance, it has no obligation to do so. There is no assurance that a secondary market will develop, that any secondary market will continue, or that the price at which you can sell an investment in any class will enable you to realize a desired yield on that investment.

You will bear the market risks of your investment. The market values of the classes are likely

to fluctuate. These fluctuations may be significant and could result in significant losses to you.

The secondary markets for mortgage-related securities have experienced periods of illiquidity and can be expected to do so in the future. Illiquidity can have a severely adverse effect on the prices of classes that are especially sensitive to prepayment or interest rate risk or that have been structured to meet the investment requirements of limited categories of investors.

The residual securities may experience significant adverse tax timing consequences. Accordingly, you are urged to consult tax advisors and to consider the after-tax effect of ownership of a residual security and the suitability of the residual securities to your investment objectives. *See “Certain United States Federal Income Tax Consequences” in this supplement and in the base offering circular.*

You are encouraged to consult advisors regarding the financial, legal, tax and other aspects of an investment in the securities. You should not purchase the securities of any class unless you understand and are able to bear the prepayment, yield, liquidity and market risks associated with that class.

***The actual characteristics of the underlying mortgage loans will affect the weighted average lives and yields of your securities.***

The yield and decrement tables in this supplement are based on assumed characteristics which are likely to be different from the actual characteristics. As a result, the yields on your securities could be lower than you expected, even if the mortgage loans prepay at the constant prepayment rates set forth in the applicable table.

It is highly unlikely that the underlying mortgage loans will prepay at any of the prepayment rates assumed in this supplement, or at any constant prepayment rate.

## THE TRUST ASSETS

### General

The Sponsor intends to acquire the Trust Assets in privately negotiated transactions prior to the Closing Date and to sell them to the Trust according to the terms of a Trust Agreement between the Sponsor and the Trustee. The Sponsor will make certain representations and warranties with respect to the Trust Assets. All Trust Assets will evidence, directly or indirectly, Ginnie Mae Certificates.

### The Trust MBS

The Trust Assets are either:

1. Ginnie Mae II MBS Certificates guaranteed by Ginnie Mae, or
2. Ginnie Mae Platinum Certificates backed by Ginnie Mae II MBS Certificates and guaranteed by Ginnie Mae.

Each Mortgage Loan underlying a Ginnie Mae II MBS Certificate issued prior to July 1, 2003 bears interest at a Mortgage Rate 0.50% to 1.50% per annum greater than the related Certificate Rate. Each Mortgage Loan underlying a Ginnie Mae II MBS Certificate issued on or after July 1, 2003 bears interest at a Mortgage Rate 0.25% to 0.75% per annum greater than the related Certificate Rate. Ginnie Mae receives a fee (the “Ginnie Mae Certificate Guaranty Fee”) for its guaranty of each Ginnie Mae II MBS Certificate of 0.06% per annum of the outstanding principal balance of each related Mortgage Loan. The difference between (a) the Mortgage Rate and (b) the sum of the Certificate Rate and the rate of the Ginnie Mae Certificate Guaranty Fee is used to pay the related servicers of the Mortgage Loans a monthly servicing fee.

### The Mortgage Loans

The Mortgage Loans underlying the 2, 3 and 8 Trust Assets are expected to have, on a weighted average basis, the characteristics set forth in the Terms Sheet under “Assumed Characteristics of the Mortgage Loans Underlying the 2, 3 and 8 Trust Assets” and the general characteristics described in the Base Offering Circular. The Mortgage Loans underlying the Group 1, 4, 5, 6 and 7 Trust Assets are expected to have, on a weighted average basis, the characteristics set forth in the Terms Sheet under “Characteristics of the Mortgage Loans Underlying the Group 1, 4, 5, 6 and 7 Trust Assets” and the general characteristics described in the Base Offering Circular. The Mortgage Loans will consist of first lien, single-family, fixed rate, residential mortgage loans that are insured or guaranteed by the Federal Housing Administration, the United States Department of Veterans Affairs, Rural Development (formerly the Rural Housing Service) or the United States Department of Housing and Urban Development (“HUD”). See *“The Ginnie Mae Certificates — General” in the Base Offering Circular*.

Specific information regarding the characteristics of the Mortgage Loans underlying the Trust MBS is not available. For purposes of this Supplement, certain assumptions have been made regarding the remaining terms to maturity, loan ages and Mortgage Rates of the Mortgage Loans underlying the Trust MBS. However, the actual remaining terms to maturity, loan ages and Mortgage Rates of many of the Mortgage Loans will differ from the characteristics assumed, perhaps significantly. This will be the case even if the weighted average characteristics of the Mortgage Loans are the same as the assumed characteristics. Small differences in the characteristics of the Mortgage Loans can have a significant effect on the Weighted Average Lives and yields of the Securities. See *“Risk Factors” and “Yield, Maturity and Prepayment Considerations” in this Supplement*.



## **The Trustee Fee**

The Sponsor will contribute certain Ginnie Mae Certificates in respect of the Trustee Fee. On each Distribution Date, the Trustee will retain all principal and interest distributions received on such Ginnie Mae Certificates in payment of the Trustee Fee.

## **GINNIE MAE GUARANTY**

The Government National Mortgage Association (“Ginnie Mae”), a wholly-owned corporate instrumentality of the United States of America within HUD, guarantees the timely payment of principal and interest on the Securities. The General Counsel of HUD has provided an opinion to the effect that Ginnie Mae has the authority to guarantee multiclass securities and that Ginnie Mae guaranties will constitute general obligations of the United States, for which the full faith and credit of the United States is pledged. *See “Ginnie Mae Guaranty” in the Base Offering Circular.*

## **DESCRIPTION OF THE SECURITIES**

### **General**

The description of the Securities contained in this Supplement is not complete and is subject to, and is qualified in its entirety by reference to, all of the provisions of the Trust Agreement. *See “Description of the Securities” in the Base Offering Circular.*

### **Form of Securities**

Each Class of Securities other than the Residual Securities initially will be issued and maintained, and may be transferred only on the Fedwire Book-Entry System. Beneficial Owners of Book-Entry Securities will ordinarily hold these Securities through one or more financial intermediaries, such as banks, brokerage firms and securities clearing organizations that are eligible to maintain book-entry accounts on the Fedwire Book-Entry System. By request accompanied by the payment of a transfer fee of \$25,000 per Certificated Security to be issued, a Beneficial Owner may receive a Regular Security in certificated form.

The Residual Securities will not be issued in book-entry form but will be issued in fully registered, certificated form and may be transferred or exchanged, subject to the transfer restrictions applicable to Residual Securities set forth in the Trust Agreement, at the Corporate Trust Office of the Trustee. *See “Description of the Securities — Forms of Securities; Book-Entry Procedures” in the Base Offering Circular.*

Each Regular and MX Class (other than the Increased Minimum Denomination Classes) will be issued in minimum dollar denominations of initial principal balance of \$1,000 and integral multiples of \$1 in excess of \$1,000. The Increased Minimum Denomination Classes will be issued in minimum denominations that equal \$100,000 in initial notional balance.

### **Distributions**

Distributions on the Securities will be made on each Distribution Date as specified under “Terms Sheet — Distribution Date” in this Supplement. On each Distribution Date for a Security, or in the case of the Certificated Securities, on the first Business Day after the related Distribution Date, the Distribution Amount will be distributed to the Holders of record as of the related Record Date. Beneficial Owners of Book-Entry Securities will receive distributions through credits to accounts maintained for their benefit on the books and records of the appropriate financial intermediaries. Holders of Certificated Securities will receive distributions by check or, subject to the restrictions set forth in the Base

Offering Circular, by wire transfer. See “Description of the Securities — Distributions” and “— Method of Distributions” in the Base Offering Circular.

## Interest Distributions

The Interest Distribution Amount will be distributed on each Distribution Date to the Holders of all Classes of Securities entitled to distributions of interest.

- Interest will be calculated on the basis of a 360-day year consisting of twelve 30-day months.
- Interest distributable (or accrued in the case of an Accrual Class) on any Class for any Distribution Date will consist of 30 days’ interest on its Class Principal Balance (or Class Notional Balance) as of the related Record Date.
- Investors can calculate the amount of interest to be distributed (or accrued in the case of an Accrual Class) on each Class of Securities for any Distribution Date by using the Class Factors published in the preceding month. See “— Class Factors” below.

### *Categories of Classes*

For purposes of interest distributions, the Classes will be categorized as shown under “Interest Type” on the front cover of this Supplement and on Schedule I to this Supplement. The abbreviations used in this Supplement to describe the interest entitlements of the Classes are explained under “Class Types” in Appendix I to the Base Offering Circular.

### *Accrual Periods*

The Accrual Period for each Regular and MX Class is set forth in the table below:

<u>Class</u>	<u>Accrual Period</u>
Fixed Rate Classes	The calendar month preceding the related Distribution Date
Floating Rate and Inverse Floating Rate Classes	From the 20th day of the month preceding the month of the related Distribution Date through the 19th day of the month of that Distribution Date

### *Fixed Rate Classes*

Each Fixed Rate Class will bear interest at the per annum Interest Rate shown on the front cover of this Supplement or on Schedule I to this Supplement.

### *Floating Rate and Inverse Floating Rate Classes*

The Floating Rate and Inverse Floating Rate Classes will bear interest as shown under “Terms Sheet — Interest Rates” in this Supplement. The Interest Rates for the Floating Rate and Inverse Floating Rate Classes will be based on 30-day Average SOFR as described below.

The Interest Rate for the Floating Rate and Inverse Floating Rate Classes will be based on 30-day Average SOFR. The Trustee or its agent will determine 30-day Average SOFR as described under “Description of the Securities — Interest Rate Indices — Determination of 30-day Average SOFR” in the Base Offering Circular.

If 30-day Average SOFR ceases to be available or is no longer representative, a replacement rate will be selected, as described under “Description of the Securities — Interest Rate Indices — Benchmark Replacement” in the Base Offering Circular.

The Trustee's determination of 30-day Average SOFR and its calculation of the Interest Rates will be final except in the case of clear error. Investors can obtain 30-day Average SOFR levels and Interest Rates for the current and preceding Accrual Periods on [ginniemae.gov](http://ginniemae.gov) or by calling the Information Agent at (800) 234-GNMA.

### *Accrual Classes*

Each of Classes BZ, CZ, DZ, GZ, PZ, ZA and ZC is an Accrual Class. Interest will accrue on the Accrual Classes and be distributed as described under "Terms Sheet — Accrual Classes" in this Supplement.

### **Principal Distributions**

The Principal Distribution Amount for each Group and each Accrual Amount will be distributed to the Holders entitled thereto as described under "Terms Sheet — Allocation of Principal" in this Supplement. Investors can calculate the amount of principal to be distributed with respect to any Distribution Date by using the Class Factors published in the preceding and current months. See "*— Class Factors*" below.

### *Categories of Classes*

For purposes of principal distributions, the Classes will be categorized as shown under "Principal Type" on the front cover of this Supplement and on Schedule I to this Supplement. The abbreviations used in this Supplement to describe the principal entitlements of the Classes are explained under "Class Types" in Appendix I to the Base Offering Circular.

### *Notional Classes*

The Notional Classes will not receive principal distributions. For convenience in describing interest distributions, the Notional Classes will have the original Class Notional Balances shown on the front cover of this Supplement and on Schedule I to this Supplement. The Class Notional Balances will be reduced as shown under "Terms Sheet — Notional Classes" in this Supplement.

### **Residual Securities**

The Residual Securities will represent the beneficial ownership of the Residual Interest in the Trust REMICs as described in "Certain United States Federal Income Tax Consequences" in this Supplement and the Base Offering Circular. The Residual Securities have no Class Principal Balance and do not accrue interest. The Residual Securities will be entitled to receive the proceeds of the disposition of any assets remaining in the Trust REMICs after the Class Principal Balance or Class Notional Balance of each Class of Regular Securities has been reduced to zero. However, any remaining proceeds are not likely to be significant. The Residual Securities may not be transferred to a Plan Investor, a Non-U.S. Person or a Disqualified Organization.

### **Class Factors**

The Trustee will calculate and make available for each Class of Securities, no later than the day preceding the Distribution Date, the factor (carried out to eight decimal places) that when multiplied by the Original Class Principal Balance (or original Class Notional Balance) of that Class, determines the Class Principal Balance (or Class Notional Balance) after giving effect to the distribution of principal to be made on the Securities (and any addition to the Class Principal Balance of an Accrual Class) or any reduction of Class Notional Balance on that Distribution Date (each, a "Class Factor").

- The Class Factor for any Class of Securities for each month following the issuance of the Securities will reflect its remaining Class Principal Balance (or Class Notional Balance) after giving



effect to any principal distribution (or addition to principal) to be made or any reduction of Class Notional Balance on the Distribution Date occurring in that month.

- The Class Factor for each Class for the month of issuance is 1.00000000.
- The Class Factors for the MX Classes and the Classes of REMIC Securities that are exchangeable for the MX Classes will be calculated assuming that the maximum possible amount of each Class is outstanding at all times, regardless of any exchanges that may occur.
- Based on the Class Factors published in the preceding and current months (and Interest Rates), investors in any Class (other than an Accrual Class) can calculate the amount of principal and interest to be distributed to that Class and investors in an Accrual Class can calculate the total amount of principal to be distributed to (or interest to be added to the Class Principal Balance of) that Class on the Distribution Date in the current month.
- Investors may obtain current Class Factors on [ginniemae.gov](http://ginniemae.gov).

See “Description of the Securities — Distributions” in the Base Offering Circular.

## **Termination**

The Trustee, at its option, may purchase or cause the sale of the Trust Assets and thereby terminate the Trust on any Distribution Date on which the aggregate of the Class Principal Balances of the Securities is less than 1% of the aggregate Original Class Principal Balances of the Securities. The exercise of this option may be influenced by a number of factors, including but not limited to, the value of the Trust Assets then remaining in the Trust and general market conditions. The Trustee will be entitled to retain all proceeds and any other amounts in excess of the termination price payable to the Securities under the Trust Agreement.

On any Distribution Date upon the Trustee’s determination that the REMIC status of any Trust REMIC has been lost or that a substantial risk exists that this status will be lost for the then current taxable year, the Trustee will terminate the Trust and retire the Securities.

Upon any termination of the Trust, the Holder of any outstanding Security (other than a Residual or Notional Class Security) will be entitled to receive that Holder’s allocable share of the Class Principal Balance of that Class plus any accrued and unpaid interest thereon at the applicable Interest Rate, and any Holder of any outstanding Notional Class Security will be entitled to receive that Holder’s allocable share of any accrued and unpaid interest thereon at the applicable Interest Rate. The Residual Holders will be entitled to their pro rata share of any assets remaining in the Trust REMICs after payment in full of the amounts described in the foregoing sentence. However, any remaining assets are not likely to be significant.

## **Modification and Exchange**

All or a portion of the Classes of REMIC Securities specified on the front cover may be exchanged for a proportionate interest in the related MX Class shown on Schedule I to this Supplement. Similarly, all or a portion of the related MX Class may be exchanged for proportionate interests in the related Classes of REMIC Securities. This process may occur repeatedly.

Each exchange may be effected only in proportions that result in the principal and interest entitlements of the Securities received being equal to the entitlements of the Securities surrendered.

A Beneficial Owner proposing to effect an exchange must notify the Trustee through the Beneficial Owner’s Book-Entry Depository participant. This notice must be received by the Trustee not later than

two Business Days before the proposed exchange date. The exchange date can be any Business Day other than the last Business Day of the month. The notice must contain the outstanding principal and notional balances of the Securities to be included in the exchange and the proposed exchange date. The notice is required to be delivered to the Trustee by email to USBGNMA@USBank.com or in writing at its Corporate Trust Office at U.S. Bank National Association, One Federal Street, 3rd Floor, Boston, MA 02110, Attention: Ginnie Mae REMIC Program Agency Group 2025-080. The Trustee may be contacted by telephone at (617) 603-6451.

A fee will be payable to the Trustee in connection with each exchange equal to  $\frac{1}{32}$  of 1% of the outstanding principal balance of the Securities surrendered for exchange (but not less than \$2,000 or more than \$25,000). The fee must be paid concurrently with the exchange.

The first distribution on a REMIC Security or an MX Security received in an exchange will be made on the Distribution Date in the month following the month of the exchange. The distribution will be made to the Holder of record as of the Record Date in the month of exchange.

*See “Description of the Securities — Modification and Exchange” in the Base Offering Circular.*

## **YIELD, MATURITY AND PREPAYMENT CONSIDERATIONS**

### **General**

The prepayment experience of the Mortgage Loans will affect the Weighted Average Lives of and the yields realized by investors in the related Securities.

- The Mortgage Loans do not contain “due-on-sale” provisions, and any Mortgage Loan may be prepaid in full or in part at any time without penalty.
- The rate of payments (including prepayments and payments in respect of liquidations) on the Mortgage Loans is dependent on a variety of economic, geographic, social and other factors, including prevailing market interest rates and general economic factors.

The rate of prepayments with respect to single-family mortgage loans has fluctuated significantly in recent years. Although there is no assurance that prepayment patterns for the Mortgage Loans will conform to patterns for more traditional types of conventional fixed rate mortgage loans, generally:

- if mortgage interest rates fall materially below the Mortgage Rates on any of the Mortgage Loans (giving consideration to the cost of refinancing), the rate of prepayment of those Mortgage Loans would be expected to increase; and
- if mortgage interest rates rise materially above the Mortgage Rates on any of the Mortgage Loans, the rate of prepayment of those Mortgage Loans would be expected to decrease.

In addition, following any Mortgage Loan default and the subsequent liquidation of the underlying Mortgaged Property, the principal balance of the Mortgage Loan will be distributed through a combination of liquidation proceeds, advances from the related Ginnie Mae Issuer and, to the extent necessary, proceeds of Ginnie Mae’s guaranty of the Ginnie Mae Certificates. As a result, defaults experienced on the Mortgage Loans will accelerate the distribution of principal of the Securities.

The terms of the Mortgage Loans may be modified to permit, among other things, a partial release of security, which releases a portion of the mortgaged property from the lien securing the related Mortgage Loan. Partial releases of security may allow the related borrower to sell the released property and generate proceeds that may be used to prepay the related Mortgage Loan in whole or in part.

Under certain circumstances, the Trustee has the option to purchase the Trust Assets, thereby effecting early retirement of the Securities. See “Description of the Securities — Termination” in this Supplement.

### Accretion Directed Classes

Classes BV, CZ, DV, GB, P, PA and PZ are Accretion Directed Classes. The related Accrual Amounts will be applied to making principal distributions on those Classes as described in this Supplement.

Each of the Accretion Directed Classes has the AD designation in the suffix position, rather than the prefix position, in its class principal type because it does not have principal payment stability through the applicable pricing prepayment assumption. Classes BV, DV and GB will have principal payment stability only through the prepayment rate shown in the table below. The remaining Accretion Directed Classes are not listed in the table below because, although they are entitled to receive payments from the related Accrual Amounts, they do not have principal payment stability through any constant prepayment rate significantly higher than 0% PSA, except within any applicable Effective Range.

The Accretion Directed Classes are entitled to principal payments in an amount equal to interest accrued on the related Accrual Classes. With respect to the Classes listed in the table below, the Weighted Average Life of each such Class cannot exceed its Weighted Average Life as shown in the following table under any prepayment scenario, even a scenario where there are no prepayments.

- Moreover, based on the Modeling Assumptions, if the related Mortgage Loans prepay at any constant rate at or below the rate for an Accretion Directed Class shown in the table below, the Class Principal Balance of such Class would be reduced to zero on, but not before, its Final Distribution Date, and the Weighted Average Life of such Class would equal its maximum Weighted Average Life shown in the table below.
- However, the Weighted Average Lives of Classes BV, DV and especially Class GB, which is also a Support Class, will be reduced, and may be reduced significantly, at prepayment speeds higher than the constant rates shown in the table below. See “Yield, Maturity and Prepayment Considerations — Decrement Tables” in this Supplement.

### Accretion Directed Classes

<u>Security Group</u>	<u>Class</u>	<u>Maximum Weighted Average Life (in years)<sup>(1)</sup></u>	<u>Final Distribution Date</u>	<u>Prepayment Rate at or below</u>
1 .....	BV	6.0	May 2036	230% PSA
3 .....	DV	6.0	May 2036	163% PSA
7 .....	GB	1.6	June 2028	285% PSA

<sup>(1)</sup> The maximum Weighted Average Life for each Class shown in this table is based on the Modeling Assumptions and the assumption that the related Mortgage Loans prepay at any constant rate at or below the rate shown in the table for such Class.

The Mortgage Loans will have characteristics that differ from those of the Modeling Assumptions. Therefore, even if the related Mortgage Loans prepay at a rate at or somewhat below the “at or below” rate shown for Class BV, DV or GB, the Class Principal Balance of such Class could be reduced to zero before its Final Distribution Date, and its Weighted Average Life could be shortened.

## Securities that Receive Principal on the Basis of Schedules

As described in this Supplement, each PAC Class will receive principal payments in accordance with a schedule calculated on the basis of, among other things, a Structuring Range. See “*Terms Sheet — Scheduled Principal Balances*.” However, whether any such Class will adhere to its schedule and receive “Scheduled Payments” on a Distribution Date will largely depend on the level of prepayments experienced by the related Mortgage Loans.

Each PAC Class exhibits an Effective Range of constant prepayment rates at which such Class will receive Scheduled Payments. That range may differ from the Structuring Range used to create the related principal balance schedule. Based on the Modeling Assumptions, the *initial* Effective Ranges for the PAC Classes are as follows:

<u>Security Group</u>		<u>Initial Effective Ranges</u>
	<b>PAC Classes</b>	
5	P .....	100% PSA through 160% PSA
6	PA and PZ (in the aggregate) .....	350% PSA through 450% PSA
7	FG .....	285% PSA through 385% PSA

- The principal payment stability of the PAC Classes will be supported by the related Support Class or Classes.

**If all of the Classes supporting a given Class are retired before the Class being supported is retired, the outstanding Class will no longer have an Effective Range and will become more sensitive to prepayments on the related Mortgage Loans.**

There is no assurance that the related Mortgage Loans will have the characteristics assumed in the Modeling Assumptions, which were used to determine the initial Effective Ranges. If the initial Effective Ranges were calculated using the actual characteristics of the related Mortgage Loans, the initial Effective Ranges could differ from those shown in the above table. Therefore, even if the Mortgage Loans were to prepay at a constant rate within the initial Effective Range shown for any Class in the above table, that Class could fail to receive Scheduled Payments.

Moreover, the related Mortgage Loans will not prepay at any *constant* rate. Non-constant prepayment rates can cause any PAC Class not to receive Scheduled Payments, even if prepayment rates remain within the initial Effective Range for that Class. Further, the Effective Range for any PAC Class can narrow, shift over time or cease to exist depending on the actual characteristics of the related Mortgage Loans.

If the related Mortgage Loans prepay at rates that are generally below the Effective Range for any PAC Class, the amount available to pay principal on the Securities may be insufficient to produce Scheduled Payments on such related PAC Class, and its Weighted Average Life may be extended, perhaps significantly.

If the related Mortgage Loans prepay at rates that are generally above the Effective Range for any PAC Class, its supporting Class or Classes may be retired earlier than that PAC Class, and its Weighted Average Life may be shortened, perhaps significantly.

## **Assumability**

Each Mortgage Loan may be assumed, subject to HUD review and approval, upon the sale of the related Mortgaged Property. See *“Yield, Maturity and Prepayment Considerations — Assumability of Government Loans” in the Base Offering Circular.*

## **Final Distribution Date**

The Final Distribution Date for each Class, which is set forth on the front cover of this Supplement or on Schedule I to this Supplement, is the latest date on which the related Class Principal Balance or Class Notional Balance will be reduced to zero.

- The actual retirement of any Class may occur earlier than its Final Distribution Date.
- According to the terms of the Ginnie Mae Guaranty, Ginnie Mae will guarantee payment in full of the Class Principal Balance of each Class of Securities no later than its Final Distribution Date.

## **Modeling Assumptions**

Unless otherwise indicated, the tables that follow have been prepared on the basis of the following assumptions (the “Modeling Assumptions”), among others:

1. The Mortgage Loans underlying the Group 2, 3 and 8 Trust Assets have the assumed characteristics shown under “Assumed Characteristics of the Mortgage Loans Underlying the Group 2, 3 and 8 Trust Assets” in the Terms Sheet, and the Mortgage Loans underlying the Group 1, 4, 5, 6 and 7 Trust Assets have the characteristics shown under “Characteristics of the Mortgage Loans Underlying the Group 1, 4, 5, 6 and 7 Trust Assets” in the Terms Sheet except in the case of information set forth under the 0% PSA Prepayment Assumption Rate, for which each Mortgage Loan underlying a Group 2, 3 or 8 Trust Asset is assumed to have an original and a remaining term to maturity of 360 months and a Mortgage Rate of 1.50% per annum higher than the related Certificate Rate.

2. The Mortgage Loans prepay at the constant percentages of PSA (described below) shown in the related table.

3. Distributions on the Securities are always received on the 20th day of the month, whether or not a Business Day, commencing in June 2025.

4. A termination of the Trust does not occur.

5. The Closing Date for the Securities is May 30, 2025.

6. No expenses or fees are paid by the Trust other than the Trustee Fee, which is paid as described under “The Trust Assets — The Trustee Fee” in this Supplement.

7. Each Class is held from the Closing Date and is not exchanged in whole or in part.

When reading the tables and the related text, investors should bear in mind that the Modeling Assumptions, like any other stated assumptions, are unlikely to be entirely consistent with actual experience.

- For example, most of the Mortgage Loans will not have the characteristics assumed, many Distribution Dates will occur on a Business Day after the 20th day of the month, and the Trustee may cause a termination of the Trust as described under “Description of the Securities — Termination” in this Supplement.
- In addition, distributions on the Securities are based on Certificate Factors and Calculated Certificate Factors, as applicable, which may not reflect actual receipts on the Trust Assets.

*See “Description of the Securities — Distributions” in the Base Offering Circular.*

## **Decrement Tables**

Prepayments of mortgage loans are commonly measured by a prepayment standard or model. The model used in this Supplement, Prepayment Speed Assumption (“PSA”), is the standard prepayment assumption model of The Securities Industry and Financial Markets Association. PSA represents an assumed rate of prepayment each month relative to the then outstanding principal balance of the Mortgage Loans to which the model is applied. *See “Yield, Maturity and Prepayment Considerations — Standard Prepayment Assumption Models” in the Base Offering Circular.*

The decrement tables set forth below are based on the assumption that the Mortgage Loans prepay at the indicated percentages of PSA (the “PSA Prepayment Assumption Rates”). As used in the tables, each of the PSA Prepayment Assumption Rates reflects a percentage of the 100% PSA assumed prepayment rate. **The Mortgage Loans will not prepay at any of the PSA Prepayment Assumption Rates and the timing of changes in the rate of prepayments actually experienced on the Mortgage Loans will not follow the pattern described for the PSA assumption.**

The decrement tables set forth below illustrate the percentage of the Original Class Principal Balance (or, in the case of a Notional Class, the original Class Notional Balance) that would remain outstanding following the distribution made each specified month for each Regular or MX Class, based on the assumption that the related Mortgage Loans prepay at the PSA Prepayment Assumption Rates. The percentages set forth in the following decrement tables have been rounded to the nearest whole percentage (including rounding down to zero).

The decrement tables also indicate the Weighted Average Life of each Class under each PSA Prepayment Assumption Rate. The Weighted Average Life of each Class is calculated by:

- (a) multiplying the net reduction, if any, of the Class Principal Balance (or the net reduction of the Class Notional Balance, in the case of a Notional Class) from one Distribution Date to the next Distribution Date by the number of years from the date of issuance thereof to the related Distribution Date,
- (b) summing the results, and
- (c) dividing the sum by the aggregate amount of the assumed net reductions in principal balance or notional balance, as applicable, referred to in clause (a).

The information shown for each Notional Class is for illustrative purposes only, as a Notional Class is not entitled to distributions of principal and has no Weighted Average Life. The Weighted Average Life shown for each Notional Class has been calculated on the assumption that a reduction in the Class Notional Balance thereof is a distribution of principal.

**The Weighted Average Lives are likely to vary, perhaps significantly, from those set forth in the tables below due to the differences between the actual characteristics of the Mortgage Loans underlying the related Trust Assets and the Modeling Assumptions.**

## Percentages of Original Class Principal (or Class Notional) Balances and Weighted Average Lives

Security Group 1 PSA Prepayment Assumption Rates																				
Distribution Date	Class AB					Class AC					Class AD					Class AE				
	0%	100%	261%	450%	600%	0%	100%	261%	450%	600%	0%	100%	261%	450%	600%	0%	100%	261%	450%	600%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
May 2026	98	93	85	76	68	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
May 2027	96	83	64	43	27	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
May 2028	94	73	44	16	0	100	100	100	100	84	100	100	100	100	100	100	100	100	100	92
May 2029	92	64	28	0	0	100	100	100	76	0	100	100	100	100	41	100	100	100	88	20
May 2030	90	55	14	0	0	100	100	100	0	0	100	100	100	70	0	100	100	100	34	0
May 2031	87	47	3	0	0	100	100	100	0	0	100	100	100	0	0	100	100	100	0	0
May 2032	84	39	0	0	0	100	100	50	0	0	100	100	100	0	0	100	100	74	0	0
May 2033	81	32	0	0	0	100	100	0	0	0	100	100	89	0	0	100	100	43	0	0
May 2034	78	25	0	0	0	100	100	0	0	0	100	100	36	0	0	100	100	18	0	0
May 2035	75	19	0	0	0	100	100	0	0	0	100	100	0	0	0	100	100	0	0	0
May 2036	72	13	0	0	0	100	100	0	0	0	100	100	0	0	0	100	100	0	0	0
May 2037	68	7	0	0	0	100	100	0	0	0	100	100	0	0	0	100	100	0	0	0
May 2038	64	1	0	0	0	100	100	0	0	0	100	100	0	0	0	100	100	0	0	0
May 2039	59	0	0	0	0	100	73	0	0	0	100	100	0	0	0	100	86	0	0	0
May 2040	55	0	0	0	0	100	36	0	0	0	100	100	0	0	0	100	67	0	0	0
May 2041	50	0	0	0	0	100	2	0	0	0	100	100	0	0	0	100	50	0	0	0
May 2042	45	0	0	0	0	100	0	0	0	0	100	69	0	0	0	100	33	0	0	0
May 2043	39	0	0	0	0	100	0	0	0	0	100	37	0	0	0	100	18	0	0	0
May 2044	33	0	0	0	0	100	0	0	0	0	100	7	0	0	0	100	3	0	0	0
May 2045	27	0	0	0	0	100	0	0	0	0	100	0	0	0	0	100	0	0	0	0
May 2046	20	0	0	0	0	100	0	0	0	0	100	0	0	0	0	100	0	0	0	0
May 2047	13	0	0	0	0	100	0	0	0	0	100	0	0	0	0	100	0	0	0	0
May 2048	5	0	0	0	0	100	0	0	0	0	100	0	0	0	0	100	0	0	0	0
May 2049	0	0	0	0	0	78	0	0	0	0	100	0	0	0	0	89	0	0	0	0
May 2050	0	0	0	0	0	12	0	0	0	0	100	0	0	0	0	55	0	0	0	0
May 2051	0	0	0	0	0	0	0	0	0	0	37	0	0	0	0	18	0	0	0	0
May 2052	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
May 2053	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
May 2054	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
May 2055	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average Life (years)	14.8	6.0	2.9	1.8	1.5	24.4	14.6	7.0	4.2	3.2	25.8	17.6	8.8	5.3	4.0	25.1	16.1	7.9	4.7	3.6

PSA Prepayment Assumption Rates																				
Distribution Date	Classes AF, BF, FA, IT, PT, SA and TI					Class AY					Class BA					Class BG				
	0%	100%	261%	450%	600%	0%	100%	261%	450%	600%	0%	100%	261%	450%	600%	0%	100%	261%	450%	600%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
May 2026	99	96	90	84	79	100	100	100	100	100	99	95	88	81	75	100	100	100	100	100
May 2027	98	89	76	62	52	100	100	100	100	100	97	87	71	54	42	100	100	100	100	100
May 2028	96	83	63	45	33	100	100	100	100	96	95	79	56	33	19	100	100	100	100	100
May 2029	95	76	53	32	21	100	100	100	94	60	94	71	43	18	4	100	100	100	100	81
May 2030	93	71	44	23	13	100	100	100	68	38	92	64	32	7	0	100	100	100	90	51
May 2031	91	65	36	17	8	100	100	100	48	24	90	58	23	0	0	100	100	100	65	32
May 2032	90	60	30	12	5	100	100	87	35	15	88	52	15	0	0	100	100	100	46	20
May 2033	88	55	25	8	3	100	100	72	25	9	85	46	9	0	0	100	100	96	33	13
May 2034	86	51	20	6	2	100	100	59	18	6	83	40	4	0	0	100	100	79	24	8
May 2035	84	47	17	4	1	100	100	49	13	4	80	35	0	0	0	100	100	65	17	5
May 2036	81	43	14	3	1	100	100	40	9	2	77	30	0	0	0	100	100	54	12	3
May 2037	79	39	11	2	0	100	100	33	6	1	74	26	0	0	0	100	100	44	8	2
May 2038	76	35	9	2	0	100	100	27	4	1	71	22	0	0	0	100	100	36	6	1
May 2039	73	32	7	1	0	100	93	22	3	1	68	18	0	0	0	100	100	29	4	1
May 2040	70	29	6	1	0	100	84	18	2	0	64	14	0	0	0	100	100	23	3	0
May 2041	67	26	5	1	0	100	75	14	2	0	60	10	0	0	0	100	100	19	2	0
May 2042	64	23	4	0	0	100	67	11	1	0	56	7	0	0	0	100	90	15	1	0
May 2043	60	20	3	0	0	100	59	9	1	0	52	4	0	0	0	100	80	12	1	0
May 2044	56	18	2	0	0	100	52	7	0	0	47	1	0	0	0	100	70	9	1	0
May 2045	52	16	2	0	0	100	46	6	0	0	42	0	0	0	0	100	61	7	0	0
May 2046	48	13	1	0	0	100	39	4	0	0	37	0	0	0	0	100	52	6	0	0
May 2047	43	11	1	0	0	100	33	3	0	0	31	0	0	0	0	100	44	4	0	0
May 2048	38	9	1	0	0	100	27	2	0	0	25	0	0	0	0	100	37	3	0	0
May 2049	32	8	1	0	0	94	22	2	0	0	18	0	0	0	0	100	30	2	0	0
May 2050	27	6	0	0	0	78	17	1	0	0	11	0	0	0	0	100	23	2	0	0
May 2051	20	4	0	0	0	60	12	1	0	0	4	0	0	0	0	80	17	1	0	0
May 2052	14	3	0	0	0	40	8	0	0	0	0	0	0	0	0	54	11	1	0	0
May 2053	7	1	0	0	0	20	4	0	0	0	0	0	0	0	0	27	5	0	0	0
May 2054	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
May 2055	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average Life (years)	18.8	10.8	5.7	3.5	2.7	26.5	19.9	11.2	6.8	5.1	16.9	8.1	3.9	2.4	1.9	27.1	21.7	12.6	7.7	5.7



**Security Group 1**  
**PSA Prepayment Assumption Rates**

Distribution Date	Class BL					Class BV					Class BZ					Class GA				
	0%	100%	261%	450%	600%	0%	100%	261%	450%	600%	0%	100%	261%	450%	600%	0%	100%	261%	450%	600%
Initial Percent . . . . .	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
May 2026 . . . . .	100	100	100	100	100	93	93	93	93	93	105	105	105	105	105	98	94	87	79	72
May 2027 . . . . .	100	100	100	100	100	86	86	86	86	86	110	110	110	110	110	97	85	68	49	36
May 2028 . . . . .	100	100	100	100	100	78	78	78	78	78	116	116	116	116	116	95	77	51	26	10
May 2029 . . . . .	100	100	100	100	100	70	70	70	70	70	122	122	122	122	122	93	68	36	9	0
May 2030 . . . . .	100	100	100	100	75	61	61	61	61	2	128	128	128	128	128	91	61	24	0	0
May 2031 . . . . .	100	100	100	96	47	52	52	52	42	0	135	135	135	135	82	89	53	14	0	0
May 2032 . . . . .	100	100	100	68	30	43	43	43	0	0	142	142	142	118	51	86	46	6	0	0
May 2033 . . . . .	100	100	100	49	19	33	33	33	0	0	149	149	149	84	32	84	40	0	0	0
May 2034 . . . . .	100	100	100	35	12	22	22	22	0	0	157	157	157	60	20	81	34	0	0	0
May 2035 . . . . .	100	100	96	25	7	11	11	2	0	0	165	165	165	43	13	78	28	0	0	0
May 2036 . . . . .	100	100	79	18	5	0	0	0	0	0	173	173	137	30	8	75	23	0	0	0
May 2037 . . . . .	100	100	65	12	3	0	0	0	0	0	173	173	112	22	5	72	18	0	0	0
May 2038 . . . . .	100	100	53	9	2	0	0	0	0	0	173	173	91	15	3	68	13	0	0	0
May 2039 . . . . .	100	100	43	6	1	0	0	0	0	0	173	173	74	11	2	64	8	0	0	0
May 2040 . . . . .	100	100	35	4	1	0	0	0	0	0	173	173	60	7	1	60	4	0	0	0
May 2041 . . . . .	100	100	28	3	0	0	0	0	0	0	173	173	48	5	1	56	0	0	0	0
May 2042 . . . . .	100	100	22	2	0	0	0	0	0	0	173	173	39	4	0	51	0	0	0	0
May 2043 . . . . .	100	100	18	1	0	0	0	0	0	0	173	173	31	2	0	46	0	0	0	0
May 2044 . . . . .	100	100	14	1	0	0	0	0	0	0	173	173	24	2	0	41	0	0	0	0
May 2045 . . . . .	100	90	11	1	0	0	0	0	0	0	173	155	19	1	0	36	0	0	0	0
May 2046 . . . . .	100	77	8	0	0	0	0	0	0	0	173	134	15	1	0	30	0	0	0	0
May 2047 . . . . .	100	65	6	0	0	0	0	0	0	0	173	113	11	1	0	23	0	0	0	0
May 2048 . . . . .	100	54	5	0	0	0	0	0	0	0	173	94	8	0	0	16	0	0	0	0
May 2049 . . . . .	100	44	3	0	0	0	0	0	0	0	173	75	6	0	0	9	0	0	0	0
May 2050 . . . . .	100	34	2	0	0	0	0	0	0	0	173	58	4	0	0	1	0	0	0	0
May 2051 . . . . .	100	24	2	0	0	0	0	0	0	0	173	42	3	0	0	0	0	0	0	0
May 2052 . . . . .	80	16	1	0	0	0	0	0	0	0	138	27	2	0	0	0	0	0	0	0
May 2053 . . . . .	39	7	0	0	0	0	0	0	0	0	68	12	1	0	0	0	0	0	0	0
May 2054 . . . . .	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
May 2055 . . . . .	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average																				
Life (years) . . . . .	27.7	23.6	14.4	8.8	6.5	6.0	6.0	5.9	4.7	3.9	27.7	23.6	14.6	9.5	7.2	15.9	7.0	3.4	2.1	1.7

**Security Group 2**  
**PSA Prepayment Assumption Rates**

Distribution Date	Classes FB and SB				
	0%	150%	380%	600%	800%
Initial Percent . . . . .	100	100	100	100	100
May 2026 . . . . .	99	96	93	89	85
May 2027 . . . . .	98	89	77	66	56
May 2028 . . . . .	97	80	59	42	29
May 2029 . . . . .	96	72	45	27	15
May 2030 . . . . .	95	65	34	17	8
May 2031 . . . . .	94	58	26	11	4
May 2032 . . . . .	92	52	20	7	2
May 2033 . . . . .	91	46	15	4	1
May 2034 . . . . .	89	41	11	3	1
May 2035 . . . . .	88	37	9	2	0
May 2036 . . . . .	86	32	6	1	0
May 2037 . . . . .	84	29	5	1	0
May 2038 . . . . .	82	25	4	0	0
May 2039 . . . . .	79	22	3	0	0
May 2040 . . . . .	77	20	2	0	0
May 2041 . . . . .	74	17	1	0	0
May 2042 . . . . .	71	15	1	0	0
May 2043 . . . . .	68	13	1	0	0
May 2044 . . . . .	64	11	1	0	0
May 2045 . . . . .	60	9	0	0	0
May 2046 . . . . .	56	8	0	0	0
May 2047 . . . . .	52	6	0	0	0
May 2048 . . . . .	47	5	0	0	0
May 2049 . . . . .	42	4	0	0	0
May 2050 . . . . .	36	3	0	0	0
May 2051 . . . . .	30	2	0	0	0
May 2052 . . . . .	23	1	0	0	0
May 2053 . . . . .	16	1	0	0	0
May 2054 . . . . .	8	0	0	0	0
May 2055 . . . . .	0	0	0	0	0
Weighted Average					
Life (years) . . . . .	20.5	9.1	4.6	3.2	2.5



**Security Group 3**  
**PSA Prepayment Assumption Rates**

Distribution Date	Class BH					Class DA					Class DB					Class DH				
	0%	150%	392%	600%	800%	0%	150%	392%	600%	800%	0%	150%	392%	600%	800%	0%	150%	392%	600%	800%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
May 2026	100	100	100	100	100	99	95	90	86	81	100	100	100	100	100	98	94	89	83	78
May 2027	100	100	100	100	100	97	86	68	54	41	100	100	100	100	100	97	83	64	47	32
May 2028	100	100	100	100	79	96	73	42	19	1	100	100	100	100	100	95	69	33	7	0
May 2029	100	100	100	70	41	94	61	21	0	0	100	100	100	92	53	93	55	9	0	0
May 2030	100	100	86	44	21	92	50	5	0	0	100	100	100	58	27	91	43	0	0	0
May 2031	100	100	65	28	11	90	40	0	0	0	100	100	84	36	14	89	31	0	0	0
May 2032	100	100	49	18	5	88	31	0	0	0	100	100	63	23	7	87	21	0	0	0
May 2033	100	100	36	11	3	86	23	0	0	0	100	100	47	14	4	84	12	0	0	0
May 2034	100	100	27	7	1	84	16	0	0	0	100	100	35	9	2	81	4	0	0	0
May 2035	100	94	20	4	1	81	10	0	0	0	100	100	26	6	1	78	0	0	0	0
May 2036	100	83	15	3	0	78	4	0	0	0	100	100	20	3	0	75	0	0	0	0
May 2037	100	74	11	2	0	75	0	0	0	0	100	96	15	2	0	72	0	0	0	0
May 2038	100	65	8	1	0	72	0	0	0	0	100	84	11	1	0	68	0	0	0	0
May 2039	100	57	6	1	0	69	0	0	0	0	100	74	8	1	0	64	0	0	0	0
May 2040	100	50	5	0	0	65	0	0	0	0	100	65	6	1	0	60	0	0	0	0
May 2041	100	44	3	0	0	61	0	0	0	0	100	57	4	0	0	55	0	0	0	0
May 2042	100	38	2	0	0	57	0	0	0	0	100	49	3	0	0	50	0	0	0	0
May 2043	100	33	2	0	0	52	0	0	0	0	100	42	2	0	0	45	0	0	0	0
May 2044	100	28	1	0	0	47	0	0	0	0	100	36	2	0	0	39	0	0	0	0
May 2045	100	24	1	0	0	41	0	0	0	0	100	31	1	0	0	33	0	0	0	0
May 2046	100	20	1	0	0	35	0	0	0	0	100	26	1	0	0	26	0	0	0	0
May 2047	100	17	0	0	0	29	0	0	0	0	100	22	1	0	0	19	0	0	0	0
May 2048	100	14	0	0	0	22	0	0	0	0	100	18	0	0	0	11	0	0	0	0
May 2049	100	11	0	0	0	15	0	0	0	0	100	14	0	0	0	2	0	0	0	0
May 2050	89	8	0	0	0	7	0	0	0	0	100	11	0	0	0	0	0	0	0	0
May 2051	74	6	0	0	0	0	0	0	0	0	96	8	0	0	0	0	0	0	0	0
May 2052	58	4	0	0	0	0	0	0	0	0	75	6	0	0	0	0	0	0	0	0
May 2053	40	3	0	0	0	0	0	0	0	0	52	3	0	0	0	0	0	0	0	0
May 2054	21	1	0	0	0	0	0	0	0	0	27	1	0	0	0	0	0	0	0	0
May 2055	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average																				
Life (years)	27.3	16.2	7.9	5.4	4.2	16.8	5.4	2.8	2.1	1.8	28.0	18.0	8.8	6.0	4.6	15.6	4.6	2.4	1.9	1.6

**PSA Prepayment Assumption Rates**

Distribution Date	Classes DT, FD and SD					Class DV					Class DZ					Class HD				
	0%	150%	392%	600%	800%	0%	150%	392%	600%	800%	0%	150%	392%	600%	800%	0%	150%	392%	600%	800%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
May 2026	99	97	93	90	87	93	93	93	93	93	105	105	105	105	105	100	100	100	100	100
May 2027	98	90	78	68	59	86	86	86	86	86	110	110	110	110	110	100	100	100	100	100
May 2028	97	81	59	44	31	78	78	78	78	78	116	116	116	116	116	100	100	100	100	10
May 2029	96	73	45	27	16	70	70	70	50	0	122	122	122	122	91	100	100	100	0	0
May 2030	95	65	34	17	8	61	61	61	0	0	128	128	128	100	47	100	100	40	0	0
May 2031	93	58	25	11	4	52	52	15	0	0	135	135	135	63	24	100	100	0	0	0
May 2032	92	52	19	7	2	43	43	0	0	0	142	142	109	39	12	100	100	0	0	0
May 2033	90	46	14	4	1	33	33	0	0	0	149	149	82	25	6	100	100	0	0	0
May 2034	89	41	11	3	1	22	22	0	0	0	157	157	61	15	3	100	100	0	0	0
May 2035	87	37	8	2	0	11	11	0	0	0	165	165	46	10	2	100	74	0	0	0
May 2036	85	32	6	1	0	0	0	0	0	0	173	173	34	6	1	100	28	0	0	0
May 2037	83	29	4	1	0	0	0	0	0	0	173	166	25	4	0	100	0	0	0	0
May 2038	80	25	3	0	0	0	0	0	0	0	173	146	19	2	0	100	0	0	0	0
May 2039	78	22	2	0	0	0	0	0	0	0	173	128	14	1	0	100	0	0	0	0
May 2040	75	20	2	0	0	0	0	0	0	0	173	112	10	1	0	100	0	0	0	0
May 2041	73	17	1	0	0	0	0	0	0	0	173	98	7	1	0	100	0	0	0	0
May 2042	70	15	1	0	0	0	0	0	0	0	173	85	5	0	0	100	0	0	0	0
May 2043	66	13	1	0	0	0	0	0	0	0	173	73	4	0	0	100	0	0	0	0
May 2044	63	11	0	0	0	0	0	0	0	0	173	63	3	0	0	100	0	0	0	0
May 2045	59	9	0	0	0	0	0	0	0	0	173	53	2	0	0	100	0	0	0	0
May 2046	55	8	0	0	0	0	0	0	0	0	173	45	1	0	0	100	0	0	0	0
May 2047	50	6	0	0	0	0	0	0	0	0	173	37	1	0	0	100	0	0	0	0
May 2048	46	5	0	0	0	0	0	0	0	0	173	30	1	0	0	100	0	0	0	0
May 2049	40	4	0	0	0	0	0	0	0	0	173	24	0	0	0	100	0	0	0	0
May 2050	35	3	0	0	0	0	0	0	0	0	173	19	0	0	0	54	0	0	0	0
May 2051	29	2	0	0	0	0	0	0	0	0	167	14	0	0	0	0	0	0	0	0
May 2052	22	2	0	0	0	0	0	0	0	0	130	10	0	0	0	0	0	0	0	0
May 2053	16	1	0	0	0	0	0	0	0	0	90	6	0	0	0	0	0	0	0	0
May 2054	8	0	0	0	0	0	0	0	0	0	46	2	0	0	0	0	0	0	0	0
May 2055	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average																				
Life (years)	20.2	9.2	4.6	3.3	2.6	6.0	6.0	4.5	3.5	2.9	28.0	18.0	9.7	6.7	5.1	25.1	10.5	4.9	3.5	2.9

Security Group 4 PSA Prepayment Assumption Rates					
Distribution Date	Classes FJ and SJ				
	0%	150%	357%	600%	800%
Initial Percent . . . . .	100	100	100	100	100
May 2026 . . . . .	99	97	94	91	88
May 2027 . . . . .	98	90	81	70	61
May 2028 . . . . .	96	82	63	45	33
May 2029 . . . . .	95	73	49	28	17
May 2030 . . . . .	94	66	38	18	9
May 2031 . . . . .	92	59	29	11	4
May 2032 . . . . .	90	52	23	7	2
May 2033 . . . . .	88	47	17	4	1
May 2034 . . . . .	87	42	13	3	1
May 2035 . . . . .	85	37	10	2	0
May 2036 . . . . .	82	33	8	1	0
May 2037 . . . . .	80	29	6	1	0
May 2038 . . . . .	78	26	5	0	0
May 2039 . . . . .	75	22	3	0	0
May 2040 . . . . .	72	20	3	0	0
May 2041 . . . . .	69	17	2	0	0
May 2042 . . . . .	66	15	1	0	0
May 2043 . . . . .	63	13	1	0	0
May 2044 . . . . .	59	11	1	0	0
May 2045 . . . . .	55	9	1	0	0
May 2046 . . . . .	51	8	0	0	0
May 2047 . . . . .	47	7	0	0	0
May 2048 . . . . .	42	5	0	0	0
May 2049 . . . . .	37	4	0	0	0
May 2050 . . . . .	31	3	0	0	0
May 2051 . . . . .	26	2	0	0	0
May 2052 . . . . .	20	2	0	0	0
May 2053 . . . . .	13	1	0	0	0
May 2054 . . . . .	6	0	0	0	0
May 2055 . . . . .	0	0	0	0	0
Weighted Average Life (years) . . . . .	19.5	9.2	5.0	3.3	2.7

Security Group 5 PSA Prepayment Assumption Rates															
Distribution Date	Class CZ					Class P					Class ZA				
	0%	100%	130%	160%	400%	0%	100%	130%	160%	400%	0%	100%	130%	160%	400%
Initial Percent . . . . .	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
May 2026 . . . . .	105	105	98	91	33	96	93	93	93	93	105	105	105	105	105
May 2027 . . . . .	110	110	89	68	0	92	83	83	83	71	110	110	110	110	110
May 2028 . . . . .	116	116	79	43	0	88	71	71	71	44	116	116	116	116	116
May 2029 . . . . .	122	122	72	25	0	83	60	60	60	24	122	122	122	122	122
May 2030 . . . . .	128	128	68	12	0	78	49	49	49	8	128	128	128	128	128
May 2031 . . . . .	135	135	67	4	0	73	39	39	39	0	135	135	135	135	118
May 2032 . . . . .	142	142	67	0	0	68	29	29	29	0	142	142	142	142	88
May 2033 . . . . .	149	148	70	0	0	62	19	19	19	0	149	149	149	149	65
May 2034 . . . . .	157	152	71	0	0	56	10	10	10	0	157	157	157	157	48
May 2035 . . . . .	165	154	71	0	0	50	2	2	2	0	165	165	165	165	36
May 2036 . . . . .	173	106	22	0	0	43	0	0	0	0	173	173	173	151	26
May 2037 . . . . .	182	45	0	0	0	36	0	0	0	0	182	182	164	132	19
May 2038 . . . . .	191	0	0	0	0	29	0	0	0	0	191	185	146	115	14
May 2039 . . . . .	201	0	0	0	0	21	0	0	0	0	201	167	130	100	10
May 2040 . . . . .	211	0	0	0	0	13	0	0	0	0	211	150	114	87	8
May 2041 . . . . .	222	0	0	0	0	4	0	0	0	0	222	135	101	75	5
May 2042 . . . . .	194	0	0	0	0	0	0	0	0	0	234	120	88	64	4
May 2043 . . . . .	130	0	0	0	0	0	0	0	0	0	246	107	77	55	3
May 2044 . . . . .	63	0	0	0	0	0	0	0	0	0	258	94	66	46	2
May 2045 . . . . .	0	0	0	0	0	0	0	0	0	0	267	82	57	39	1
May 2046 . . . . .	0	0	0	0	0	0	0	0	0	0	245	71	48	32	1
May 2047 . . . . .	0	0	0	0	0	0	0	0	0	0	222	60	40	26	1
May 2048 . . . . .	0	0	0	0	0	0	0	0	0	0	198	50	33	21	0
May 2049 . . . . .	0	0	0	0	0	0	0	0	0	0	172	41	26	17	0
May 2050 . . . . .	0	0	0	0	0	0	0	0	0	0	145	33	20	13	0
May 2051 . . . . .	0	0	0	0	0	0	0	0	0	0	116	24	15	9	0
May 2052 . . . . .	0	0	0	0	0	0	0	0	0	0	85	17	10	6	0
May 2053 . . . . .	0	0	0	0	0	0	0	0	0	0	53	10	6	3	0
May 2054 . . . . .	0	0	0	0	0	0	0	0	0	0	19	3	2	1	0
May 2055 . . . . .	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average Life (years) . . . . .	18.2	11.5	8.2	2.9	0.8	9.4	5.1	5.1	5.1	2.9	25.2	19.7	18.0	16.5	8.9

Security Group 6 PSA Prepayment Assumption Rates															
Distribution Date	Class PA					Class PZ					Class ZC				
	0%	350%	400%	450%	800%	0%	350%	400%	450%	800%	0%	350%	400%	450%	800%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
May 2026	98	89	89	89	85	107	107	107	107	107	107	107	91	74	0
May 2027	96	70	70	70	50	115	115	115	115	115	115	115	73	31	0
May 2028	94	51	51	51	25	123	123	123	123	123	123	123	62	4	0
May 2029	92	36	36	36	11	132	132	132	132	132	132	131	63	0	0
May 2030	89	25	25	25	5	142	142	142	142	142	142	130	61	0	0
May 2031	87	17	17	17	1	152	152	152	152	152	152	121	56	0	0
May 2032	84	11	11	11	0	163	163	163	163	103	163	108	49	0	0
May 2033	81	7	7	7	0	175	175	175	175	53	175	94	41	0	0
May 2034	78	4	4	4	0	187	187	187	187	27	187	80	35	0	0
May 2035	74	2	2	2	0	201	201	201	201	14	201	67	28	0	0
May 2036	70	0	0	0	0	215	208	208	208	7	215	56	23	0	0
May 2037	66	0	0	0	0	231	148	148	148	3	231	45	18	0	0
May 2038	62	0	0	0	0	248	105	105	105	2	248	37	14	0	0
May 2039	57	0	0	0	0	266	74	74	74	1	266	29	11	0	0
May 2040	52	0	0	0	0	285	52	52	52	0	285	23	9	0	0
May 2041	46	0	0	0	0	305	36	36	36	0	305	18	7	0	0
May 2042	41	0	0	0	0	328	25	25	25	0	328	14	5	0	0
May 2043	34	0	0	0	0	351	17	17	17	0	351	11	4	0	0
May 2044	27	0	0	0	0	377	12	12	12	0	377	8	3	0	0
May 2045	20	0	0	0	0	404	8	8	8	0	404	6	2	0	0
May 2046	12	0	0	0	0	433	5	5	5	0	433	5	1	0	0
May 2047	4	0	0	0	0	464	4	4	4	0	464	3	1	0	0
May 2048	0	0	0	0	0	208	2	2	2	0	498	2	1	0	0
May 2049	0	0	0	0	0	1	1	1	1	0	468	2	0	0	0
May 2050	0	0	0	0	0	1	1	1	1	0	388	1	0	0	0
May 2051	0	0	0	0	0	0	0	0	0	0	302	1	0	0	0
May 2052	0	0	0	0	0	0	0	0	0	0	209	0	0	0	0
May 2053	0	0	0	0	0	0	0	0	0	0	108	0	0	0	0
May 2054	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
May 2055	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average Life (years)	14.2	3.6	3.6	3.6	2.3	23.0	13.8	13.8	13.8	7.9	26.4	11.1	7.0	1.6	0.5

Security Group 7 PSA Prepayment Assumption Rates																				
Distribution Date	Classes FG and SG					Class GB					Class GI					Class GZ				
	0%	285%	350%	385%	700%	0%	285%	350%	385%	700%	0%	285%	350%	385%	700%	0%	285%	350%	385%	700%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
May 2026	99	90	90	90	90	69	69	0	0	0	100	100	86	79	12	106	106	103	95	14
May 2027	98	74	74	74	58	36	36	0	0	0	100	100	65	47	0	113	113	79	57	0
May 2028	96	58	58	58	34	2	2	0	0	0	100	100	50	24	0	120	120	60	29	0
May 2029	95	45	45	45	19	0	0	0	0	0	100	100	42	13	0	120	120	50	15	0
May 2030	93	34	34	34	11	0	0	0	0	0	100	100	39	10	0	120	120	47	12	0
May 2031	92	25	25	25	6	0	0	0	0	0	100	98	38	10	0	120	117	45	12	0
May 2032	90	19	19	19	4	0	0	0	0	0	100	92	35	10	0	120	111	42	12	0
May 2033	88	14	14	14	2	0	0	0	0	0	100	85	32	10	0	120	102	39	12	0
May 2034	86	10	10	10	1	0	0	0	0	0	100	77	29	10	0	120	93	35	12	0
May 2035	84	7	7	7	1	0	0	0	0	0	100	69	27	10	0	120	83	32	12	0
May 2036	81	5	5	5	0	0	0	0	0	0	100	61	24	10	0	120	73	29	12	0
May 2037	79	3	3	3	0	0	0	0	0	0	100	54	22	10	0	120	65	26	12	0
May 2038	76	2	2	2	0	0	0	0	0	0	100	47	20	10	0	120	57	24	12	0
May 2039	73	1	1	1	0	0	0	0	0	0	100	41	18	10	0	120	50	21	12	0
May 2040	70	1	1	1	0	0	0	0	0	0	100	36	16	10	0	120	43	20	12	0
May 2041	66	0	0	0	0	0	0	0	0	0	100	32	15	10	0	120	38	18	12	0
May 2042	63	0	0	0	0	0	0	0	0	0	100	25	11	7	0	120	30	14	9	0
May 2043	59	0	0	0	0	0	0	0	0	0	100	20	9	5	0	120	24	10	6	0
May 2044	54	0	0	0	0	0	0	0	0	0	100	15	6	4	0	120	18	8	5	0
May 2045	50	0	0	0	0	0	0	0	0	0	100	12	5	3	0	120	14	6	3	0
May 2046	45	0	0	0	0	0	0	0	0	0	100	9	3	2	0	120	11	4	2	0
May 2047	39	0	0	0	0	0	0	0	0	0	100	7	2	1	0	120	8	3	2	0
May 2048	34	0	0	0	0	0	0	0	0	0	100	5	2	1	0	120	6	2	1	0
May 2049	27	0	0	0	0	0	0	0	0	0	100	4	1	1	0	120	4	1	1	0
May 2050	21	0	0	0	0	0	0	0	0	0	100	3	1	0	0	120	3	1	0	0
May 2051	13	0	0	0	0	0	0	0	0	0	100	2	0	0	0	120	2	1	0	0
May 2052	6	0	0	0	0	0	0	0	0	0	100	1	0	0	0	120	1	0	0	0
May 2053	0	0	0	0	0	0	0	0	0	0	82	0	0	0	0	98	1	0	0	0
May 2054	0	0	0	0	0	0	0	0	0	0	20	0	0	0	0	24	0	0	0	0
May 2055	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average Life (years)	18.3	4.4	4.4	4.4	2.8	1.6	1.6	0.5	0.4	0.1	28.5	13.5	6.5	3.6	0.6	28.5	13.5	7.3	4.1	0.7

Security Group 8 PSA Prepayment Assumption Rates					
Distribution Date	Classes FL, IL, JF, LF, LI and SL				
	0%	200%	430%	700%	900%
Initial Percent . . . . .	100	100	100	100	100
May 2026 . . . . .	99	96	92	88	85
May 2027 . . . . .	98	87	76	63	54
May 2028 . . . . .	97	76	56	37	26
May 2029 . . . . .	96	66	41	21	12
May 2030 . . . . .	95	57	30	12	5
May 2031 . . . . .	94	50	22	7	2
May 2032 . . . . .	92	43	16	4	1
May 2033 . . . . .	91	37	12	2	0
May 2034 . . . . .	89	32	8	1	0
May 2035 . . . . .	88	27	6	1	0
May 2036 . . . . .	86	24	4	0	0
May 2037 . . . . .	84	20	3	0	0
May 2038 . . . . .	82	17	2	0	0
May 2039 . . . . .	79	15	2	0	0
May 2040 . . . . .	77	12	1	0	0
May 2041 . . . . .	74	10	1	0	0
May 2042 . . . . .	71	9	1	0	0
May 2043 . . . . .	68	7	0	0	0
May 2044 . . . . .	64	6	0	0	0
May 2045 . . . . .	60	5	0	0	0
May 2046 . . . . .	56	4	0	0	0
May 2047 . . . . .	52	3	0	0	0
May 2048 . . . . .	47	3	0	0	0
May 2049 . . . . .	42	2	0	0	0
May 2050 . . . . .	36	1	0	0	0
May 2051 . . . . .	30	1	0	0	0
May 2052 . . . . .	23	1	0	0	0
May 2053 . . . . .	16	0	0	0	0
May 2054 . . . . .	8	0	0	0	0
May 2055 . . . . .	0	0	0	0	0
Weighted Average Life (years) . . . . .	20.5	7.6	4.3	2.9	2.4

## Yield Considerations

An investor seeking to maximize yield should make a decision whether to invest in any Regular or MX Class based on:

- the anticipated yield of that Class resulting from its purchase price,
- the investor's own projection of Mortgage Loan prepayment rates under a variety of scenarios, and
- in the case of a Floating Rate or an Inverse Floating Rate Class, the investor's own projection of levels of 30-day Average SOFR under a variety of scenarios.

**No representation is made regarding Mortgage Loan prepayment rates, 30-day Average SOFR levels or the yield of any Class.**

### *Prepayments: Effect on Yields*

The yields to investors will be sensitive in varying degrees to the rate of prepayments on the related Mortgage Loans.

- In the case of Regular Securities or MX Securities purchased at a premium (especially the Interest Only Classes), faster than anticipated rates of principal payments could result in actual yields to investors that are lower than the anticipated yields.
- Investors in the Interest Only Classes should also consider the risk that rapid rates of principal payments could result in the failure of investors to recover fully their investments.
- In the case of Regular Securities or MX Securities purchased at a discount, slower than anticipated rates of principal payments could result in actual yields to investors that are lower than the anticipated yields.

*See “Risk Factors — Rates of principal payments can reduce your yield” in this Supplement.*

Rapid rates of prepayments on the Mortgage Loans are likely to coincide with periods of low prevailing interest rates.

During periods of low prevailing interest rates, the yields at which an investor may be able to reinvest amounts received as principal payments on the investor’s Class of Securities may be lower than the yield on that Class.

Slow rates of prepayments on the Mortgage Loans are likely to coincide with periods of high prevailing interest rates.

During periods of high prevailing interest rates, the amount of principal payments available to an investor for reinvestment at those high rates may be relatively low.

The Mortgage Loans will not prepay at any constant rate until maturity, nor will all of the Mortgage Loans underlying any Trust Asset Group prepay at the same rate at any one time. The timing of changes in the rate of prepayments may affect the actual yield to an investor, even if the average rate of principal prepayments is consistent with the investor’s expectation. In general, the earlier a prepayment of principal on the Mortgage Loans, the greater the effect on an investor’s yield. As a result, the effect on an investor’s yield of principal prepayments occurring at a rate higher (or lower) than the rate anticipated by the investor during the period immediately following the Closing Date is not likely to be offset by a later equivalent reduction (or increase) in the rate of principal prepayments.

#### *30-day Average SOFR: Effect on Yields of the Floating Rate and Inverse Floating Rate Classes*

Low levels of 30-day Average SOFR can reduce the yield of the Floating Rate Classes. High levels of 30-day Average SOFR can reduce the yield of the Inverse Floating Rate Classes. In addition, the Floating Rate Classes will not necessarily benefit from a higher yield at high levels of 30-day Average SOFR and certain Inverse Floating Rate Classes may not benefit from particularly low levels of 30-day Average SOFR because the rate on such Classes is capped at a maximum rate described under “Terms Sheet — Interest Rates.”

#### *Payment Delay: Effect on Yields of the Fixed Rate Classes*

The effective yield on any Fixed Rate Class will be less than the yield otherwise produced by its Interest Rate and purchase price because, on each Distribution Date, 30 days’ interest will be payable on (or added to the principal amount of) that Class even though interest began to accrue approximately 50 days earlier.

### **Yield Tables**

The following tables show the pre-tax yields to maturity on a corporate bond equivalent basis of specified Classes at various constant percentages of PSA, and, in the case of the Inverse Floating Rate Classes, at various constant levels of 30-day Average SOFR.

The Mortgage Loans will not prepay at any constant rate until maturity, and it is unlikely that 30-day Average SOFR will remain constant. Moreover, it is likely that the Mortgage Loans will experience actual prepayment rates that differ from those of the Modeling Assumptions. **Therefore, the actual pre-tax yield of any Class may differ from those shown in the applicable table below for that Class even if the Class is purchased at the assumed price shown.**

The yields were calculated by

1. determining the monthly discount rates that, when applied to the applicable assumed streams of cash flows to be paid on the applicable Class, would cause the discounted present value of the assumed streams of cash flows to equal the assumed purchase price of that Class plus accrued interest and
2. converting the monthly rates to corporate bond equivalent rates.

These calculations do not take into account variations that may occur in the interest rates at which investors may be able to reinvest funds received by them as distributions on their Securities and consequently do not purport to reflect the return on any investment in any Class when those reinvestment rates are considered.

The information set forth in the following tables was prepared on the basis of the Modeling Assumptions and the assumptions that (1) the Interest Rate applicable to each Inverse Floating Rate Class for each Accrual Period following the first Accrual Period will be based on the indicated level of 30-day Average SOFR and (2) the purchase price of each Class (expressed as a percentage of original Class Notional Balance) plus accrued interest is as indicated in the related table. **The assumed purchase price is not necessarily that at which actual sales will occur.**

## SECURITY GROUP 1

### Sensitivity of Class IT to Prepayments

**Assumed Price 0.21875%\***

<u>30-day Average SOFR</u>	<u>PSA Prepayment Assumption Rates</u>			
	<u>100%</u>	<u>261%</u>	<u>450%</u>	<u>600%</u>
5.000% and below .....	71.3%	61.3%	49.0%	38.8%
5.075% .....	29.9%	20.0%	7.8%	(2.4)%
5.150% and above .....	**	**	**	**

### Sensitivity of Class SA to Prepayments

**Assumed Price 3.0%\***

<u>30-day Average SOFR</u>	<u>PSA Prepayment Assumption Rates</u>			
	<u>100%</u>	<u>261%</u>	<u>450%</u>	<u>600%</u>
3.35369% .....	52.6%	42.7%	30.4%	20.3%
4.35369% .....	14.6%	4.7%	(7.6)%	(17.9)%
4.67685% .....	2.0%	(7.8)%	(20.0)%	(30.4)%
5.00000% and above .....	**	**	**	**

### Sensitivity of Class TI to Prepayments

**Assumed Price 0.21875%\***

<u>30-day Average SOFR</u>	<u>PSA Prepayment Assumption Rates</u>			
	<u>100%</u>	<u>261%</u>	<u>450%</u>	<u>600%</u>
5.150% and below .....	71.3%	61.3%	49.0%	38.8%
5.225% .....	29.9%	20.0%	7.8%	(2.4)%
5.300% and above .....	**	**	**	**

## SECURITY GROUP 2

### Sensitivity of Class SB to Prepayments

**Assumed Price 3.84375%\***

<u>30-day Average SOFR</u>	<u>PSA Prepayment Assumption Rates</u>			
	<u>150%</u>	<u>380%</u>	<u>600%</u>	<u>800%</u>
3.35369% .....	37.3%	25.7%	14.4%	3.7%
4.35369% .....	7.2%	(5.9)%	(19.0)%	(31.7)%
4.67685% .....	(3.3)%	(16.8)%	(30.6)%	(44.3)%
5.00000% and above .....	**	**	**	**

\* The price does not include accrued interest. Accrued interest has been added to the price in calculating the yields set forth in the table.

\*\* Indicates that investors will suffer a loss of virtually all of their investment.

### SECURITY GROUP 3

#### Sensitivity of Class SD to Prepayments Assumed Price 2.9375%\*

<u>30-day Average SOFR</u>	<u>PSA Prepayment Assumption Rates</u>			
	<u>150%</u>	<u>392%</u>	<u>600%</u>	<u>800%</u>
3.35068% .....	57.8%	47.0%	37.4%	28.1%
4.35068% .....	17.4%	4.6%	(6.8)%	(18.2)%
4.72534% .....	2.4%	(11.4)%	(23.9)%	(36.7)%
5.10000% and above .....	**	**	**	**

### SECURITY GROUP 4

#### Sensitivity of Class SJ to Prepayments Assumed Price 1.26563%\*

<u>30-day Average SOFR</u>	<u>PSA Prepayment Assumption Rates</u>			
	<u>150%</u>	<u>357%</u>	<u>600%</u>	<u>800%</u>
3.348% .....	81.5%	73.3%	63.6%	55.4%
4.348% .....	(27.4)%	(38.9)%	(56.8)%	(75.0)%
4.349% .....	(30.1)%	(41.5)%	(60.9)%	(80.0)%
4.350% and above .....	**	**	**	**

### SECURITY GROUP 7

#### Sensitivity of Class GI to Prepayments Assumed Price 17.5%\*

<u>PSA Prepayment Assumption Rates</u>				
<u>285%</u>	<u>350%</u>	<u>385%</u>	<u>393%</u>	<u>700%</u>
41.5%	22.5%	7.4%	0.2%	**

#### Sensitivity of Class SG to Prepayments Assumed Price 7.51563%\*

<u>30-day Average SOFR</u>	<u>PSA Prepayment Assumption Rates</u>			
	<u>285%</u>	<u>350%</u>	<u>385%</u>	<u>700%</u>
3.35% .....	14.6%	14.6%	14.6%	(2.4)%
4.35% .....	(1.9)%	(1.9)%	(1.9)%	(19.9)%
5.15% .....	(16.8)%	(16.8)%	(16.8)%	(34.5)%
5.95% and above .....	**	**	**	**

\* The price does not include accrued interest. Accrued interest has been added to the price in calculating the yields set forth in the table.

\*\* Indicates that investors will suffer a loss of virtually all of their investment.



## SECURITY GROUP 8

### Sensitivity of Class II to Prepayments Assumed Price 0.09375%\*

<u>30-day Average SOFR</u>	<u>PSA Prepayment Assumption Rates</u>			
	<u>200%</u>	<u>430%</u>	<u>700%</u>	<u>900%</u>
5.150% and below . . . . .	49.0%	38.4%	25.7%	16.0%
5.175% . . . . .	16.7%	4.6%	(10.3)%	(21.7)%
5.200% and above . . . . .	**	**	**	**

### Sensitivity of Class LI to Prepayments Assumed Price 0.09375%\*

<u>30-day Average SOFR</u>	<u>PSA Prepayment Assumption Rates</u>			
	<u>200%</u>	<u>430%</u>	<u>700%</u>	<u>900%</u>
5.200% and below . . . . .	49.0%	38.4%	25.7%	16.0%
5.225% . . . . .	16.7%	4.6%	(10.3)%	(21.7)%
5.250% and above . . . . .	**	**	**	**

### Sensitivity of Class SL to Prepayments Assumed Price 3.96875%\*

<u>30-day Average SOFR</u>	<u>PSA Prepayment Assumption Rates</u>			
	<u>200%</u>	<u>430%</u>	<u>700%</u>	<u>900%</u>
3.33128% . . . . .	38.8%	27.8%	14.5%	4.4%
4.33128% . . . . .	9.1%	(3.5)%	(19.2)%	(31.3)%
4.74064% . . . . .	(3.5)%	(16.9)%	(33.9)%	(47.4)%
5.15000% and above . . . . .	**	**	**	**

\* The price does not include accrued interest. Accrued interest has been added to the price in calculating the yields set forth in the table.

\*\* Indicates that investors will suffer a loss of virtually all of their investment.

## CERTAIN UNITED STATES FEDERAL INCOME TAX CONSEQUENCES

The following tax discussion, when read in conjunction with the discussion of “Certain United States Federal Income Tax Consequences” in the Base Offering Circular, describes the material United States federal income tax considerations for investors in the Securities. However, these two tax discussions do not purport to deal with all United States federal tax consequences applicable to all categories of investors, some of which may be subject to special rules.

### REMIC Elections

In the opinion of Cleary Gottlieb Steen & Hamilton LLP, the Trust will constitute a Double REMIC Series for United States federal income tax purposes. Separate REMIC elections will be made for the Pooling REMIC and the Issuing REMIC.

## Regular Securities

The Regular Securities will be treated as debt instruments issued by the Issuing REMIC for United States federal income tax purposes. Income on the Regular Securities must be reported under an accrual method of accounting.

The Notional and Accrual Classes of Regular Securities will be issued with original issue discount (“OID”), and certain other Classes of Regular Securities may be issued with OID. See *“Certain United States Federal Income Tax Consequences — Tax Treatment of Regular Securities — Original Issue Discount,” “— Variable Rate Securities” and “— Interest Weighted Securities and Non-VRDI Securities” in the Base Offering Circular.*

The prepayment assumption that should be used in determining the rates of accrual of OID, if any, on the Regular Securities (as described in “Yield, Maturity and Prepayment Considerations” in this Supplement) is as follows:

<u>Group</u>	<u>PSA</u>
1	261%
2	380%
3	392%
4	357%
5	130%
6	400%
7	350%
8	430%

In the case of the Floating Rate Classes, the interest rate values to be used for these determinations are the initial Interest Rates as set forth in the Terms Sheet under “Interest Rates.” No representation is made, however, about the rate at which prepayments on the Mortgage Loans underlying any Group of Trust Assets actually will occur or the level of 30-day Average SOFR at any time after the date of this Supplement. See *“Certain United States Federal Income Tax Consequences” in the Base Offering Circular.*

The Regular Securities generally will be treated as “regular interests” in a REMIC for domestic building and loan associations and “real estate assets” for real estate investment trusts (“REITs”) as described in “Certain United States Federal Income Tax Consequences” in the Base Offering Circular. Similarly, interest on the Regular Securities will be considered “interest on obligations secured by mortgages on real property” for REITs as described in “Certain United States Federal Income Tax Consequences” in the Base Offering Circular.

## Residual Securities

The Class RR Securities will represent the beneficial ownership of the Residual Interest in the Pooling REMIC and the beneficial ownership of the Residual Interest in the Issuing REMIC.

The Residual Securities generally will be treated as “residual interests” in a REMIC for domestic building and loan associations and as “real estate assets” for REITs, as described in “Certain United States Federal Income Tax Consequences” in the Base Offering Circular, but will not be treated as debt for United States federal income tax purposes. Instead, the Holders of the Residual Securities will be required to report, and will be taxed on, their pro rata shares of the taxable income or loss of the Trust REMICs, and these requirements will continue until there are no outstanding regular interests in the respective Trust REMICs. Thus, Residual Holders will have taxable income attributable to the Residual

Securities even though they will not receive principal or interest distributions with respect to the Residual Securities, which could result in a negative after-tax return for the Residual Holders. Even though the Holders of the Residual Securities are not entitled to any stated principal or interest payments on the Residual Securities, the Trust REMICs may have substantial taxable income in certain periods, and offsetting tax losses may not occur until much later periods. Accordingly, the Holders of the Residual Securities may experience substantial adverse tax timing consequences. Prospective investors are urged to consult their own tax advisors and consider the after-tax effect of ownership of the Residual Securities and the suitability of the Residual Securities to their investment objectives.

Prospective Holders of Residual Securities should be aware that, at issuance, based on the expected prices of the Regular and Residual Securities and the prepayment assumption described above, the residual interests represented by the Residual Securities will be treated as “noneconomic residual interests” as that term is defined in Treasury regulations.

### **MX Securities**

For a discussion of certain United States federal income tax consequences applicable to the MX Classes, see *“Certain United States Federal Income Tax Consequences — Tax Treatment of MX Securities”, “— Exchanges of MX Classes and Regular Classes” and “— Taxation of Foreign Holders of REMIC Securities and MX Securities” in the Base Offering Circular.*

**Investors should consult their own tax advisors in determining the United States federal, state, local, foreign and any other tax consequences to them of the purchase, ownership and disposition of the Securities.**

### **ERISA MATTERS**

Ginnie Mae guarantees distributions of principal and interest with respect to the Securities. The Ginnie Mae Guaranty is supported by the full faith and credit of the United States of America. The Regular and MX Securities will qualify as “guaranteed governmental mortgage pool certificates” within the meaning of a Department of Labor regulation, the effect of which is to provide that mortgage loans and participations therein underlying a “guaranteed governmental mortgage pool certificate” will not be considered assets of an employee benefit plan subject to the Employee Retirement Income Security Act of 1974, as amended (“ERISA”), or subject to Section 4975 of the Code (each, a “Plan”), solely by reason of the Plan’s purchase and holding of that certificate.

**Prospective Plan Investors should consult with their advisors to determine whether the purchase, holding or resale of a Security could give rise to a transaction that is prohibited or is not otherwise permissible under either ERISA or the Code.**

Governmental plans and certain church plans, while not subject to the fiduciary responsibility provisions of ERISA or the prohibited transaction provisions of ERISA and the Code, may nevertheless be subject to local, state or other federal laws that are substantially similar to the foregoing provisions of ERISA and the Code (“Similar Law”).

Fiduciaries of any such Plans or governmental or church plans subject to Similar Law should consult with their counsel before purchasing any of the Securities.

*See “ERISA Considerations” in the Base Offering Circular.*

The Residual Securities are not offered to, and may not be transferred to, a Plan Investor.

## LEGAL INVESTMENT CONSIDERATIONS

Institutions whose investment activities are subject to legal investment laws and regulations or to review by certain regulatory authorities may be subject to restrictions on investment in the Securities. **No representation is made about the proper characterization of any Class for legal investment or other purposes, or about the permissibility of the purchase by particular investors of any Class under applicable legal investment restrictions.**

**Investors should consult their own legal advisors regarding applicable investment restrictions and the effect of any restrictions on the liquidity of the Securities prior to investing in the Securities.**

*See “Legal Investment Considerations” in the Base Offering Circular.*

## PLAN OF DISTRIBUTION

Subject to the terms and conditions of the Sponsor Agreement, the Sponsor has agreed to purchase all of the Securities if any are sold and purchased. The Sponsor proposes to offer the Regular and MX Classes to the public from time to time for sale in negotiated transactions at varying prices to be determined at the time of sale, plus accrued interest from (1) May 1, 2025 on the Fixed Rate Classes and (2) May 20, 2025 on the Floating Rate and Inverse Floating Rate Classes. The Sponsor may effect these transactions by sales to or through certain securities dealers. These dealers may receive compensation in the form of discounts, concessions or commissions from the Sponsor and/or commissions from any purchasers for which they act as agents. Some of the Securities may be sold through dealers in relatively small sales. In the usual case, the commission charged on a relatively small sale of securities will be a higher percentage of the sales price than that charged on a large sale of securities.

## INCREASE IN SIZE

Before the Closing Date, Ginnie Mae, the Trustee and the Sponsor may agree to increase the size of this offering. In that event, the Securities will have the same characteristics as described in this Supplement, except that (1) the Original Class Principal Balance (or original Class Notional Balance) and (2) the Scheduled Principal Balances or Aggregate Scheduled Principal Balances of each Class receiving principal distributions or interest distributions based upon a notional balance from the same Trust Asset Group will increase by the same proportion. The Trust Agreement, the Final Data Statement, the Final Schedules and the Supplemental Statement, if any, will reflect any increase in the size of the transaction.

## LEGAL MATTERS

Certain legal matters will be passed upon for Ginnie Mae by Hunton Andrews Kurth LLP, for the Trust by Cleary Gottlieb Steen & Hamilton LLP and Marcell Solomon & Associates, P.C., and for the Trustee by Faegre Drinker Biddle & Reath LLP.

**Schedule I**

**Available Combinations(1)**

REMIC Securities		MX Securities						
Class	Original Class Principal Balance or Class Notional Balance	Related MX Class	Maximum Original Class Principal Balance(2)	Principal Type(3)	Interest Rate	Interest Type(3)	CUSIP Number	Final Distribution Date(4)
Security Group 1								
Combination 1								
BV	\$ 6,585,000	BL	\$ 15,626,000	SEQ	5.00%	FIX	38385GDN6	July 2054
BZ	9,041,000							
Combination 2								
AB	\$ 59,151,000	GA	\$ 66,965,000	SEQ	5.00%	FIX	38385GDP1	December 2051
AC	7,814,000							
Combination 3								
AB	\$ 59,151,000	BA	\$ 74,374,000	SEQ	5.00%	FIX	38385GDQ9	February 2053
AC	7,814,000							
AD	7,409,000							
Combination 4								
AC	\$ 7,814,000	AY	\$ 30,849,000	SEQ	5.00%	FIX	38385GDR7	July 2054
AD	7,409,000							
BV	6,585,000							
BZ	9,041,000							
Combination 5								
AD	\$ 7,409,000	BG	\$ 23,035,000	SEQ	5.00%	FIX	38385GDS5	July 2054
BV	6,585,000							
BZ	9,041,000							
Combination 6								
AC	\$ 7,814,000	AE	\$ 15,223,000	SEQ	5.00%	FIX	38385GDT3	February 2053
AD	7,409,000							
Combination 7								
AB	\$ 59,151,000	PT	\$ 90,000,000	PT	5.00%	FIX	38385GDU0	July 2054
AC	7,814,000							
AD	7,409,000							
BV	6,585,000							
BZ	9,041,000							

REMIC Securities			MX Securities					
Class	Original Class Principal Balance or Class Notional Balance	Related MX Class	Maximum Original Class Principal Balance(2)	Principal Type(3)	Interest Rate	Interest Type(3)	CUSIP Number	Final Distribution Date(4)
Combination 8								
AF	\$180,000,000	FA	\$180,000,000	PT	(5)	FLT	38385GDV8	July 2054
IT	180,000,000							
TI	180,000,000							
Combination 9								
AF	\$180,000,000	BF	\$180,000,000	PT	(5)	FLT	38385GDW6	July 2054
TI	180,000,000							
<b>Security Group 3</b>								
Combination 10								
DH	\$ 30,479,000	DT	\$ 50,000,000	PT	5.00%	FIX	38385GDX4	May 2055
DV	6,318,000							
DZ	8,677,000							
HD	4,526,000							
Combination 11								
DV	\$ 6,318,000	DB	\$ 14,995,000	SEQ	5.00%	FIX	38385GDY2	May 2055
DZ	8,677,000							
Combination 12								
DH	\$ 30,479,000	DA	\$ 35,005,000	SEQ	5.00%	FIX	38385GDZ9	March 2051
HD	4,526,000							
Combination 13								
DV	\$ 6,318,000	BH	\$ 19,521,000	SEQ	5.00%	FIX	38385GEA3	May 2055
DZ	8,677,000							
HD	4,526,000							
<b>Security Group 8</b>								
Combination 14								
IL	\$129,354,695	FL	\$129,354,695	PT	(5)	FLT	38385GEB1	May 2055
LF	129,354,695							
LI	129,354,695							
Combination 15								
LF	\$129,354,695	JF	\$129,354,695	PT	(5)	FLT	38385GEC9	May 2055
LI	129,354,695							

(1) All exchanges must comply with minimum denomination restrictions.

- (2) The amount shown for each MX Class represents the maximum Original Class Principal Balance of that Class, assuming it were to be issued on the Closing Date.
- (3) As defined under “Class Types” in Appendix I to the Base Offering Circular.
- (4) See “*Yield, Maturity and Prepayment Considerations — Final Distribution Date*” in this Supplement.
- (5) The Interest Rate will be calculated as described under “Terms Sheet — Interest Rates” in this Supplement.

## SCHEDULED PRINCIPAL BALANCES

<u>Distribution Date</u>	<u>Class P</u>	<u>Classes PA and PZ (in the aggregate)</u>	<u>Class FG</u>
Initial Balance . . . . .	\$78,841,000.00	\$13,938,000.00	\$41,000,000.00
June 2025 . . . . .	78,487,944.58	13,857,191.49	40,778,575.36
July 2025 . . . . .	78,115,678.81	13,767,449.11	40,534,717.53
August 2025 . . . . .	77,724,284.88	13,668,856.35	40,268,647.94
September 2025 . . . . .	77,313,854.64	13,561,512.91	39,980,621.15
October 2025 . . . . .	76,884,489.54	13,445,534.54	39,670,924.58
November 2025 . . . . .	76,436,300.66	13,321,052.95	39,339,878.08
December 2025 . . . . .	75,969,408.53	13,188,215.55	38,987,833.56
January 2026 . . . . .	75,483,943.16	13,047,185.25	38,615,174.37
February 2026 . . . . .	74,980,043.90	12,898,140.15	38,222,314.75
March 2026 . . . . .	74,457,859.37	12,741,273.19	37,809,699.09
April 2026 . . . . .	73,917,547.38	12,576,791.72	37,377,801.17
May 2026 . . . . .	73,359,274.80	12,404,917.15	36,927,123.33
June 2026 . . . . .	72,783,217.47	12,225,884.38	36,458,195.52
July 2026 . . . . .	72,189,560.08	12,039,941.30	35,971,574.28
August 2026 . . . . .	71,578,496.00	11,847,348.23	35,467,841.72
September 2026 . . . . .	70,950,227.21	11,648,377.28	34,947,604.38
October 2026 . . . . .	70,304,964.13	11,443,311.71	34,411,491.96
November 2026 . . . . .	69,642,925.44	11,232,445.26	33,860,156.15
December 2026 . . . . .	68,964,337.96	11,016,081.35	33,294,269.23
January 2027 . . . . .	68,269,436.48	10,794,532.41	32,714,522.74
February 2027 . . . . .	67,558,463.59	10,568,119.03	32,122,154.91
March 2027 . . . . .	66,831,669.46	10,337,169.15	31,519,225.36
April 2027 . . . . .	66,089,311.72	10,102,017.24	30,917,408.53
May 2027 . . . . .	65,331,655.22	9,863,003.42	30,317,855.29
June 2027 . . . . .	64,558,971.86	9,628,166.02	29,722,957.90
July 2027 . . . . .	63,780,491.12	9,397,433.73	29,135,496.16
August 2027 . . . . .	63,004,757.07	9,171,135.11	28,557,459.92
September 2027 . . . . .	62,231,750.03	8,949,180.96	27,988,700.04
October 2027 . . . . .	61,461,450.37	8,731,483.82	27,429,069.71
November 2027 . . . . .	60,693,838.54	8,517,957.94	26,878,424.46
December 2027 . . . . .	59,928,895.08	8,308,519.27	26,336,622.06
January 2028 . . . . .	59,166,600.60	8,103,085.40	25,803,522.52
February 2028 . . . . .	58,406,935.78	7,901,575.54	25,278,988.04
March 2028 . . . . .	57,649,881.38	7,703,910.50	24,762,883.01
April 2028 . . . . .	56,895,418.25	7,510,012.63	24,255,073.91
May 2028 . . . . .	56,143,527.28	7,319,805.82	23,755,429.35
June 2028 . . . . .	55,394,189.47	7,133,215.45	23,263,819.98
July 2028 . . . . .	54,647,385.87	6,950,168.37	22,780,118.51
August 2028 . . . . .	53,903,097.62	6,770,592.85	22,304,199.62
September 2028 . . . . .	53,161,305.93	6,594,418.60	21,835,939.97
October 2028 . . . . .	52,421,992.06	6,421,576.69	21,375,218.16
November 2028 . . . . .	51,685,137.38	6,251,999.54	20,921,914.69
December 2028 . . . . .	50,950,723.31	6,085,620.92	20,475,911.96
January 2029 . . . . .	50,218,731.33	5,922,375.88	20,037,094.18



<b>Distribution Date</b>	<b>Class P</b>	<b>Classes PA and PZ (in the aggregate)</b>	<b>Class FG</b>
February 2029	\$49,489,143.01	\$ 5,762,666.79	\$19,605,347.41
March 2029	48,761,939.99	5,607,218.69	19,180,559.50
April 2029	48,037,103.96	5,455,918.78	18,762,620.04
May 2029	47,314,616.70	5,308,657.22	18,351,420.37
June 2029	46,594,460.05	5,165,327.06	17,946,853.55
July 2029	45,876,615.92	5,025,824.16	17,548,814.30
August 2029	45,161,066.28	4,890,047.14	17,157,199.01
September 2029	44,447,793.18	4,757,897.28	16,771,905.68
October 2029	43,736,778.74	4,629,278.45	16,392,833.94
November 2029	43,028,005.12	4,504,097.07	16,019,884.99
December 2029	42,321,454.57	4,382,262.03	15,652,961.57
January 2030	41,617,109.41	4,263,684.59	15,291,967.96
February 2030	40,914,952.00	4,148,278.37	14,936,809.95
March 2030	40,214,964.79	4,035,959.28	14,587,394.81
April 2030	39,517,130.27	3,926,645.43	14,243,631.26
May 2030	38,821,431.01	3,820,257.08	13,905,429.47
June 2030	38,127,849.65	3,716,716.60	13,574,024.49
July 2030	37,436,368.88	3,615,948.42	13,250,066.69
August 2030	36,746,971.45	3,517,878.96	12,933,390.59
September 2030	36,059,640.18	3,422,436.55	12,623,834.36
October 2030	35,374,357.95	3,329,551.46	12,321,239.72
November 2030	34,691,107.70	3,239,155.76	12,025,451.90
December 2030	34,009,872.43	3,151,183.34	11,736,319.54
January 2031	33,330,635.21	3,065,569.80	11,453,694.63
February 2031	32,653,379.14	2,982,252.48	11,177,432.41
March 2031	31,978,087.42	2,901,170.34	10,907,391.31
April 2031	31,304,743.29	2,822,263.98	10,643,432.90
May 2031	30,633,330.04	2,745,475.56	10,385,421.81
June 2031	29,963,831.03	2,670,748.74	10,133,225.63
July 2031	29,296,229.67	2,598,028.71	9,886,714.90
August 2031	28,630,509.44	2,527,262.07	9,645,763.01
September 2031	27,966,653.87	2,458,396.87	9,410,246.15
October 2031	27,304,646.53	2,391,382.50	9,180,043.23
November 2031	26,644,471.08	2,326,169.70	8,955,035.86
December 2031	25,986,111.21	2,262,710.52	8,735,108.24
January 2032	25,329,550.67	2,200,958.25	8,520,147.14
February 2032	24,674,773.27	2,140,867.44	8,310,041.84
March 2032	24,021,762.87	2,082,393.84	8,104,684.05
April 2032	23,370,503.40	2,025,494.37	7,903,967.89
May 2032	22,720,978.81	1,970,127.07	7,707,789.81
June 2032	22,073,173.14	1,916,251.11	7,516,048.56
July 2032	21,427,070.45	1,863,826.74	7,328,645.11
August 2032	20,782,654.89	1,812,815.25	7,145,482.64
September 2032	20,139,910.62	1,763,178.97	6,966,466.46
October 2032	19,498,821.89	1,714,881.20	6,791,503.99
November 2032	18,860,803.69	1,667,886.24	6,620,504.67
December 2032	18,226,909.87	1,622,159.32	6,453,379.98
January 2033	17,597,097.92	1,577,666.60	6,290,043.33

<b>Distribution Date</b>	<b>Class P</b>	<b>Classes PA and PZ (in the aggregate)</b>	<b>Class FG</b>
February 2033	\$16,971,325.64	\$ 1,534,375.13	\$ 6,130,410.06
March 2033	16,349,551.21	1,492,252.84	5,974,397.39
April 2033	15,731,733.10	1,451,268.48	5,821,924.35
May 2033	15,117,830.12	1,411,391.68	5,672,911.78
June 2033	14,507,801.39	1,372,592.83	5,527,282.28
July 2033	13,901,606.38	1,334,843.13	5,384,960.15
August 2033	13,299,204.84	1,298,114.52	5,245,871.37
September 2033	12,700,556.86	1,262,379.71	5,109,943.57
October 2033	12,105,622.82	1,227,612.12	4,977,105.98
November 2033	11,514,363.42	1,193,785.88	4,847,289.38
December 2033	10,926,739.67	1,160,875.79	4,720,426.12
January 2034	10,342,712.88	1,128,857.35	4,596,450.02
February 2034	9,762,244.65	1,097,706.68	4,475,296.38
March 2034	9,185,296.89	1,067,400.55	4,356,901.92
April 2034	8,611,831.80	1,037,916.34	4,241,204.80
May 2034	8,041,811.87	1,009,232.03	4,128,144.52
June 2034	7,475,199.88	981,326.20	4,017,661.92
July 2034	6,911,958.91	954,177.97	3,909,699.17
August 2034	6,352,052.30	927,767.04	3,804,199.73
September 2034	5,795,443.69	902,073.64	3,701,108.29
October 2034	5,242,097.01	877,078.52	3,600,370.79
November 2034	4,691,976.43	852,762.95	3,501,934.35
December 2034	4,145,046.43	829,108.69	3,405,747.29
January 2035	3,601,271.75	806,098.00	3,311,759.06
February 2035	3,060,617.40	783,713.60	3,219,920.24
March 2035	2,523,048.65	761,938.67	3,130,182.50
April 2035	1,988,531.05	740,756.83	3,042,498.59
May 2035	1,457,030.39	720,152.15	2,956,822.32
June 2035	928,512.76	700,109.13	2,873,108.52
July 2035	402,944.45	680,612.65	2,791,313.01
August 2035	0.00	661,648.02	2,711,392.61
September 2035	0.00	643,200.95	2,633,305.10
October 2035	0.00	625,257.49	2,557,009.20
November 2035	0.00	607,804.11	2,482,464.53
December 2035	0.00	590,827.60	2,409,631.64
January 2036	0.00	574,315.12	2,338,471.93
February 2036	0.00	558,254.18	2,268,947.68
March 2036	0.00	542,632.61	2,201,021.99
April 2036	0.00	527,438.57	2,134,658.80
May 2036	0.00	512,660.54	2,069,822.85
June 2036	0.00	498,287.29	2,006,479.65
July 2036	0.00	484,307.91	1,944,595.51
August 2036	0.00	470,711.76	1,884,137.46
September 2036	0.00	457,488.51	1,825,073.28
October 2036	0.00	444,628.09	1,767,371.47
November 2036	0.00	432,120.70	1,711,001.22
December 2036	0.00	419,956.80	1,655,932.42
January 2037	0.00	408,127.10	1,602,135.64

<b>Distribution Date</b>	<b>Class P</b>	<b>Classes PA and PZ (in the aggregate)</b>	<b>Class FG</b>
February 2037 .....	\$ 0.00	\$ 396,622.59	\$ 1,549,582.07
March 2037 .....	0.00	385,434.45	1,498,243.60
April 2037 .....	0.00	374,554.14	1,448,092.69
May 2037 .....	0.00	363,973.33	1,399,102.46
June 2037 .....	0.00	353,683.90	1,351,246.59
July 2037 .....	0.00	343,677.98	1,304,499.39
August 2037 .....	0.00	333,947.87	1,258,835.72
September 2037 .....	0.00	324,486.12	1,214,231.00
October 2037 .....	0.00	315,285.44	1,170,661.21
November 2037 .....	0.00	306,338.75	1,128,102.86
December 2037 .....	0.00	297,639.18	1,086,532.99
January 2038 .....	0.00	289,180.01	1,045,929.15
February 2038 .....	0.00	280,954.72	1,006,269.39
March 2038 .....	0.00	272,956.97	967,532.27
April 2038 .....	0.00	265,180.56	929,696.80
May 2038 .....	0.00	257,619.50	892,742.49
June 2038 .....	0.00	250,267.91	856,649.28
July 2038 .....	0.00	243,120.12	821,397.58
August 2038 .....	0.00	236,170.58	786,968.24
September 2038 .....	0.00	229,413.89	753,342.52
October 2038 .....	0.00	222,844.81	720,502.12
November 2038 .....	0.00	216,458.23	688,429.15
December 2038 .....	0.00	210,249.17	657,106.10
January 2039 .....	0.00	204,212.80	626,515.87
February 2039 .....	0.00	198,344.42	596,641.75
March 2039 .....	0.00	192,639.43	567,467.38
April 2039 .....	0.00	187,093.39	538,976.80
May 2039 .....	0.00	181,701.96	511,154.38
June 2039 .....	0.00	176,460.91	483,984.86
July 2039 .....	0.00	171,366.14	457,453.31
August 2039 .....	0.00	166,413.66	431,545.15
September 2039 .....	0.00	161,599.56	406,246.11
October 2039 .....	0.00	156,920.07	381,542.25
November 2039 .....	0.00	152,371.51	357,419.94
December 2039 .....	0.00	147,950.30	333,865.87
January 2040 .....	0.00	143,652.94	310,867.02
February 2040 .....	0.00	139,476.04	288,410.66
March 2040 .....	0.00	135,416.31	266,484.34
April 2040 .....	0.00	131,470.52	245,075.91
May 2040 .....	0.00	127,635.56	224,173.48
June 2040 .....	0.00	123,908.39	203,765.43
July 2040 .....	0.00	120,286.04	183,840.41
August 2040 .....	0.00	116,765.64	164,387.31
September 2040 .....	0.00	113,344.39	145,395.29
October 2040 .....	0.00	110,019.56	126,853.74
November 2040 .....	0.00	106,788.49	108,752.29
December 2040 .....	0.00	103,648.62	91,080.81
January 2041 .....	0.00	100,597.42	73,829.40

<b>Distribution Date</b>	<b>Class P</b>	<b>Classes PA and PZ (in the aggregate)</b>	<b>Class FG</b>
February 2041 .....	\$ 0.00	\$ 97,632.47	\$ 56,988.37
March 2041 .....	0.00	94,751.37	40,548.28
April 2041 .....	0.00	91,951.82	24,499.86
May 2041 .....	0.00	89,231.57	8,834.08
June 2041 .....	0.00	86,588.44	0.00
July 2041 .....	0.00	84,020.29	0.00
August 2041 .....	0.00	81,525.05	0.00
September 2041 .....	0.00	79,100.71	0.00
October 2041 .....	0.00	76,745.30	0.00
November 2041 .....	0.00	74,456.93	0.00
December 2041 .....	0.00	72,233.73	0.00
January 2042 .....	0.00	70,073.90	0.00
February 2042 .....	0.00	67,975.69	0.00
March 2042 .....	0.00	65,937.38	0.00
April 2042 .....	0.00	63,957.32	0.00
May 2042 .....	0.00	62,033.89	0.00
June 2042 .....	0.00	60,165.52	0.00
July 2042 .....	0.00	58,350.67	0.00
August 2042 .....	0.00	56,587.86	0.00
September 2042 .....	0.00	54,875.64	0.00
October 2042 .....	0.00	53,212.61	0.00
November 2042 .....	0.00	51,597.39	0.00
December 2042 .....	0.00	50,028.65	0.00
January 2043 .....	0.00	48,505.10	0.00
February 2043 .....	0.00	47,025.48	0.00
March 2043 .....	0.00	45,588.56	0.00
April 2043 .....	0.00	44,193.14	0.00
May 2043 .....	0.00	42,838.08	0.00
June 2043 .....	0.00	41,522.23	0.00
July 2043 .....	0.00	40,244.50	0.00
August 2043 .....	0.00	39,003.83	0.00
September 2043 .....	0.00	37,799.18	0.00
October 2043 .....	0.00	36,629.53	0.00
November 2043 .....	0.00	35,493.92	0.00
December 2043 .....	0.00	34,391.37	0.00
January 2044 .....	0.00	33,320.96	0.00
February 2044 .....	0.00	32,281.79	0.00
March 2044 .....	0.00	31,272.98	0.00
April 2044 .....	0.00	30,293.68	0.00
May 2044 .....	0.00	29,343.05	0.00
June 2044 .....	0.00	28,420.28	0.00
July 2044 .....	0.00	27,524.60	0.00
August 2044 .....	0.00	26,655.23	0.00
September 2044 .....	0.00	25,811.44	0.00
October 2044 .....	0.00	24,992.49	0.00
November 2044 .....	0.00	24,197.70	0.00
December 2044 .....	0.00	23,426.36	0.00
January 2045 .....	0.00	22,677.83	0.00

<b>Distribution Date</b>	<b>Class P</b>	<b>Classes PA and PZ (in the aggregate)</b>	<b>Class FG</b>
February 2045 .....	\$ 0.00	\$ 21,951.45	\$ 0.00
March 2045 .....	0.00	21,246.59	0.00
April 2045 .....	0.00	20,562.65	0.00
May 2045 .....	0.00	19,899.02	0.00
June 2045 .....	0.00	19,255.14	0.00
July 2045 .....	0.00	18,630.44	0.00
August 2045 .....	0.00	18,024.37	0.00
September 2045 .....	0.00	17,436.40	0.00
October 2045 .....	0.00	16,866.02	0.00
November 2045 .....	0.00	16,312.72	0.00
December 2045 .....	0.00	15,776.02	0.00
January 2046 .....	0.00	15,255.43	0.00
February 2046 .....	0.00	14,750.51	0.00
March 2046 .....	0.00	14,260.80	0.00
April 2046 .....	0.00	13,785.86	0.00
May 2046 .....	0.00	13,325.28	0.00
June 2046 .....	0.00	12,878.63	0.00
July 2046 .....	0.00	12,445.52	0.00
August 2046 .....	0.00	12,025.56	0.00
September 2046 .....	0.00	11,618.36	0.00
October 2046 .....	0.00	11,223.57	0.00
November 2046 .....	0.00	10,840.82	0.00
December 2046 .....	0.00	10,469.77	0.00
January 2047 .....	0.00	10,110.08	0.00
February 2047 .....	0.00	9,761.41	0.00
March 2047 .....	0.00	9,423.45	0.00
April 2047 .....	0.00	9,095.89	0.00
May 2047 .....	0.00	8,778.43	0.00
June 2047 .....	0.00	8,470.77	0.00
July 2047 .....	0.00	8,172.63	0.00
August 2047 .....	0.00	7,883.73	0.00
September 2047 .....	0.00	7,603.80	0.00
October 2047 .....	0.00	7,332.58	0.00
November 2047 .....	0.00	7,069.82	0.00
December 2047 .....	0.00	6,815.26	0.00
January 2048 .....	0.00	6,568.67	0.00
February 2048 .....	0.00	6,329.82	0.00
March 2048 .....	0.00	6,098.47	0.00
April 2048 .....	0.00	5,874.41	0.00
May 2048 .....	0.00	5,657.43	0.00
June 2048 .....	0.00	5,447.30	0.00
July 2048 .....	0.00	5,243.84	0.00
August 2048 .....	0.00	5,046.84	0.00
September 2048 .....	0.00	4,856.12	0.00
October 2048 .....	0.00	4,671.48	0.00
November 2048 .....	0.00	4,492.75	0.00
December 2048 .....	0.00	4,319.76	0.00
January 2049 .....	0.00	4,152.33	0.00

<b>Distribution Date</b>	<b>Class P</b>	<b>Classes PA and PZ (in the aggregate)</b>	<b>Class FG</b>
February 2049 .....	\$ 0.00	\$ 3,990.29	\$ 0.00
March 2049 .....	0.00	3,833.49	0.00
April 2049 .....	0.00	3,681.77	0.00
May 2049 .....	0.00	3,534.98	0.00
June 2049 .....	0.00	3,392.96	0.00
July 2049 .....	0.00	3,255.59	0.00
August 2049 .....	0.00	3,122.71	0.00
September 2049 .....	0.00	2,994.20	0.00
October 2049 .....	0.00	2,869.92	0.00
November 2049 .....	0.00	2,749.74	0.00
December 2049 .....	0.00	2,633.55	0.00
January 2050 .....	0.00	2,521.21	0.00
February 2050 .....	0.00	2,412.62	0.00
March 2050 .....	0.00	2,307.66	0.00
April 2050 .....	0.00	2,206.22	0.00
May 2050 .....	0.00	2,108.19	0.00
June 2050 .....	0.00	2,013.47	0.00
July 2050 .....	0.00	1,921.96	0.00
August 2050 .....	0.00	1,833.56	0.00
September 2050 .....	0.00	1,748.17	0.00
October 2050 .....	0.00	1,665.71	0.00
November 2050 .....	0.00	1,586.08	0.00
December 2050 .....	0.00	1,509.19	0.00
January 2051 .....	0.00	1,434.97	0.00
February 2051 .....	0.00	1,363.32	0.00
March 2051 .....	0.00	1,294.17	0.00
April 2051 .....	0.00	1,227.45	0.00
May 2051 .....	0.00	1,163.07	0.00
June 2051 .....	0.00	1,100.96	0.00
July 2051 .....	0.00	1,041.06	0.00
August 2051 .....	0.00	983.29	0.00
September 2051 .....	0.00	927.59	0.00
October 2051 .....	0.00	873.88	0.00
November 2051 .....	0.00	822.12	0.00
December 2051 .....	0.00	772.24	0.00
January 2052 .....	0.00	724.17	0.00
February 2052 .....	0.00	677.87	0.00
March 2052 .....	0.00	633.27	0.00
April 2052 .....	0.00	590.32	0.00
May 2052 .....	0.00	548.97	0.00
June 2052 .....	0.00	509.17	0.00
July 2052 .....	0.00	470.87	0.00
August 2052 .....	0.00	434.02	0.00
September 2052 .....	0.00	398.57	0.00
October 2052 .....	0.00	364.48	0.00
November 2052 .....	0.00	331.70	0.00
December 2052 .....	0.00	300.19	0.00
January 2053 .....	0.00	269.92	0.00

<b><u>Distribution Date</u></b>	<b><u>Class P</u></b>	<b><u>Classes PA and PZ (in the aggregate)</u></b>	<b><u>Class FG</u></b>
February 2053 .....	\$ 0.00	\$ 240.83	\$ 0.00
March 2053 .....	0.00	212.90	0.00
April 2053 .....	0.00	186.08	0.00
May 2053 .....	0.00	160.34	0.00
June 2053 .....	0.00	135.64	0.00
July 2053 .....	0.00	111.94	0.00
August 2053 .....	0.00	89.22	0.00
September 2053 .....	0.00	67.45	0.00
October 2053 .....	0.00	46.58	0.00
November 2053 .....	0.00	26.59	0.00
December 2053 .....	0.00	7.45	0.00
January 2054 and thereafter .....	0.00	0.00	0.00





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May 23, 2025***

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