Offering Circular Supplement
(To Base Offering Circular dated March 1, 2017)

Ginnie Mae
Our Guaranty Matters

$600,427,082
Government National Mortgage Association
GINNIE MAE®

Guaranteed REMIC Pass-Through Securities and MX Securities
Ginnie Mae REMIC Trust 2019-143

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 (1) Ginnie Mae Certificates and (2) certain previously issued 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 November 29, 2019.

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)
Security Group 1						
B(1)	$ 50,000,000	3.50%	PT	FIX	38382AZD0	November 2049
Security Group 2						
IC	5,291,504	(5)	NTL(SC/PT)	INV/IO	38382AZE8	May 2045
SC	82,339,953	(5)	NTL(SC/PT)	INV/IO	38382AZF5	April 2046
Security Group 3						
CA	130,000,000	3.00	PT	FIX	38382AZG3	November 2049
CF	97,500,000	(5)	PT	FLT	38382AZH1	November 2049
CS	97,500,000	(5)	NTL(PT)	INV/IO	38382AZJ7	November 2049
Security Group 4						
AF	53,333,334	(5)	PT	FLT	38382AZK4	November 2049
AS	53,333,334	(5)	NTL(PT)	INV/IO	38382AZL2	November 2049
FA	80,000,000	(5)	PT	FLT	38382AZM0	November 2049
SA	80,000,000	(5)	NTL(PT)	INV/IO	38382AZN8	November 2049
Security Group 5						
FJ	60,000,000	(5)	PT	FLT	38382AZP3	November 2049
JF	40,000,000	(5)	PT	FLT	38382AZQ1	November 2049
JS	40,000,000	(5)	NTL(PT)	INV/IO	38382AZR9	November 2049
SJ	60,000,000	(5)	NTL(PT)	INV/IO	38382AZS7	November 2049
Security Group 6						
FH(1)	29,864,582	(5)	PT	FLT	38382AZT5	November 2049
FK(1)	6,466,799	(5)	PAC/AD	FLT	38382AZU2	November 2049
KA	37,540,078	2.00	PAC/AD	FIX	38382AZV0	July 2049
KB	1,260,717	3.00	PAC/AD	FIX	38382AZW8	November 2049
KI	8,342,239	4.50	NTL(PAC/AD)	FIX/IO	38382AZX6	July 2049
KZ	14,461,572	3.50	SUP	FIX/Z	38382AZY4	November 2049
SH(1)	29,864,582	(5)	NTL(PT)	INV/IO	38382AZZ1	November 2049
SK(1)	6,466,799	(5)	NTL(PAC/AD)	INV/IO	38382AA21	November 2049
Security Group 7						
DS	39,570,047	(5)	NTL(SC/PT)	INV/IO	38382AA39	August 2049
Security Group 8						
GS(1)	28,344,859	(5)	NTL(SC/PT)	INV/IO	38382AA47	October 2047
SB(1)	7,966,527	(5)	NTL(SC/PT)	INV/IO	38382AA54	September 2049
TG	28,344,859	(5)	NTL(SC/PT)	INV/IO	38382AA62	October 2047
Security Group 9						
GI(1)	864,895	4.00	NTL(SC/PT)	FIX/IO	38382AA70	August 2045
HI(1)	6,209,849	4.00	NTL(SC/PT)	FIX/IO	38382AA88	January 2049
Security Group 10						
SD	28,698,799	(5)	NTL(SC/PT)	INV/IO	38382AA96	April 2048
Security Group 11						
HS	33,702,880	(5)	NTL(SC/PT)	INV/IO	38382AB20	September 2049
HT	16,659,224	(5)	NTL(SC/PT)	INV/IO	38382AB38	August 2049
Residual						
RR	0	0.00	NPR	NPR	38382AB46	November 2049

(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.*

BofA Securities **Tribal Capital Markets, LLC**

The date of this Offering Circular Supplement is November 22, 2019.

AVAILABLE INFORMATION

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

- this Offering Circular Supplement (this "Supplement"),
- the Base Offering Circular and
- in the case of the Group 2 and 7 through 11 securities, each disclosure document relating to the Underlying Certificates (the "Underlying Certificate Disclosure Documents").

The Base Offering Circular and the Underlying Certificate Disclosure Documents are available on Ginnie Mae's website located at http://www.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. In addition, you can obtain copies of any other document listed above by contacting BNY Mellon at the telephone number listed above.

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: BofA Securities, Inc.

Co-Sponsor: Tribal Capital Markets, LLC

Trustee: U.S. Bank National Association

Tax Administrator: The Trustee

Closing Date: November 29, 2019

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 December 2019.

Trust Assets:

Trust Asset Group or Subgroup[2]	Trust Asset Type	Certificate Rate	Original Term to Maturity (in years)
1	Ginnie Mae II	3.500%	30
2A	Underlying Certificate	[1]	[1]
2B	Underlying Certificate	[1]	[1]
3	Ginnie Mae II	4.500%	30
4	Ginnie Mae II	5.000%	30
5	Ginnie Mae II	5.000%	30
6	Ginnie Mae II	4.500%	30
7	Underlying Certificates	[1]	[1]
8A	Underlying Certificate	[1]	[1]
8B	Underlying Certificate	[1]	[1]
9A	Underlying Certificate	[1]	[1]
9B	Underlying Certificate	[1]	[1]
10	Underlying Certificates	[1]	[1]
11A	Underlying Certificate	[1]	[1]
11B	Underlying Certificate	[1]	[1]

(1) Certain information regarding the Underlying Certificates is set forth in Exhibit A to this Supplement.

(2) The Group 2, 8, 9 and 11 Trust Assets consist of subgroups, Subgroup 2A, Subgroup 2B, Subgroup 8A, Subgroup 8B, Subgroup 9A, Subgroup 9B, Subgroup 11A and Subgroup 11B, respectively (each, a "Subgroup").

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 1 and 3 through 6 Trust Assets[1]:

Principal Balance	Weighted Average Remaining Term to Maturity (in months)	Weighted Average Loan Age (in months)	Weighted Average Mortgage Rate[2]
Group 1 Trust Assets			
$50,000,000[3]	358	2	3.994%
Group 3 Trust Assets			
$227,500,000	319	37	4.861%
Group 4 Trust Assets			
$133,333,334	354	6	5.632%
Group 5 Trust Assets			
$100,000,000	350	8	5.510%
Group 6 Trust Assets			
$89,593,748	357	3	5.050%

(1) As of November 1, 2019.

(2) The Mortgage Loans underlying the Group 1 and 3 through 6 Trust Assets may bear interest at rates ranging from 0.25% to 1.50% per annum above the related Certificate Rate.

(3) More than 10% of the Mortgage Loans underlying the Group 1 Trust Assets may be higher balance Mortgage Loans. *See "Risk Factors" in this Supplement.*

The actual remaining terms to maturity, loan ages and Mortgage Rates of many of the Mortgage Loans underlying the Group 1 and 3 through 6 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 2 and 7 through 11 Trust Assets: See Exhibit A to this Supplement for certain information regarding the characteristics of the Mortgage Loans included in the related Underlying Trusts.

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 one-month LIBOR (hereinafter referred to as "LIBOR") as follows:

Class	Interest Rate Formula(1)	Initial Interest Rate(2)	Minimum Rate	Maximum Rate	Delay (in days)	LIBOR for Minimum Interest Rate
Security Group 2						
IC	25.20% − (LIBOR × 4.0)	1.00000%	0.00%	1.00%	0	6.30%
SC	6.05% − LIBOR	4.32637%	0.00%	6.05%	0	6.05%
Security Group 3						
CF	LIBOR + 0.45%	2.25000%	0.45%	6.50%	0	0.00%
CS	6.05% − LIBOR	4.25000%	0.00%	6.05%	0	6.05%
Security Group 4						
AF	LIBOR + 0.45%	2.25490%	0.45%	6.50%	0	0.00%
AS	6.05% − LIBOR	4.24510%	0.00%	6.05%	0	6.05%
FA	LIBOR + 0.55%	2.35490%	0.55%	4.00%	0	0.00%
SA	3.45% − LIBOR	1.64510%	0.00%	3.45%	0	3.45%
Security Group 5						
FJ	LIBOR + 0.55%	2.30800%	0.55%	4.00%	0	0.00%
JF	LIBOR + 0.45%	2.20800%	0.45%	6.50%	0	0.00%
JS	6.05% − LIBOR	4.29200%	0.00%	6.05%	0	6.05%
SJ	3.45% − LIBOR	1.69200%	0.00%	3.45%	0	3.45%
Security Group 6						
FH	LIBOR + 0.45%	2.25000%	0.45%	6.50%	0	0.00%
FK	LIBOR + 0.45%	2.25000%	0.45%	6.50%	0	0.00%
KF	LIBOR + 0.45%	2.25000%	0.45%	6.50%	0	0.00%
KS	6.05% − LIBOR	4.25000%	0.00%	6.05%	0	6.05%
SH	6.05% − LIBOR	4.25000%	0.00%	6.05%	0	6.05%
SK	6.05% − LIBOR	4.25000%	0.00%	6.05%	0	6.05%
Security Group 7						
DS	6.10% − LIBOR	4.37637%	0.00%	6.10%	0	6.10%
Security Group 8						
GS	6.10% − LIBOR	4.37637%	0.00%	6.10%	0	6.10%
SB	6.10% − LIBOR	4.37637%	0.00%	6.10%	0	6.10%
SG	6.10% − LIBOR	4.37637%	0.00%	6.10%	0	6.10%
TG	6.20% − LIBOR	0.10000%	0.00%	0.10%	0	6.20%
Security Group 10						
SD	6.20% − LIBOR	4.47637%	0.00%	6.20%	0	6.20%
Security Group 11						
HS	6.05% − LIBOR	4.32637%	0.00%	6.05%	0	6.05%
HT	6.10% − LIBOR	0.05000%	0.00%	0.05%	0	6.10%

(1) LIBOR will be established on the basis of the ICE LIBOR method, 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 will be allocated to B, until retired

SECURITY GROUP 3

The Group 3 Principal Distribution Amount will be allocated, concurrently, to CA and CF, pro rata, until retired

SECURITY GROUP 4

The Group 4 Principal Distribution Amount will be allocated, concurrently, to AF and FA, pro rata, until retired

SECURITY GROUP 5

The Group 5 Principal Distribution Amount will be allocated, concurrently, to FJ and JF, pro rata, until retired

SECURITY GROUP 6

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

- 33.3333325892% of the Group 6 Principal Distribution Amount to FH, until retired

- 66.6666674108% of the Group 6 Principal Distribution Amount and the Accrual Amount in the following order of priority:

  1. To FK, KA and KB, until reduced to their Aggregate Scheduled Principal Balance for that Distribution Date, concurrently, as follows:

     a. 14.2857139701% to FK, while outstanding

     b. 85.7142860299% sequentially, to KA and KB, in that order, while outstanding

  2. To KZ, until retired

  3. To FK, KA and KB, in the same manner and order of priority as described in step 1. above, but without regard to their Aggregate Scheduled Principal Balance, until retired

Scheduled Principal Balances: The 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 Range:

Security Group	Class	Structuring Range
	PAC Classes	
6	FK, KA and KB (in the aggregate)	150% PSA through 365% PSA

Accrual Class: Interest will accrue on the 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 Class as interest. Interest so accrued on the Accrual Class on each Distribution Date will constitute the 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 of the related Class or the outstanding notional balance of the related Trust Asset Group or Subgroup indicated:

Class	Original Class Notional Balance	Represents Approximately
Security Group 1		
BI	$21,428,571	42.8571428571% of B (PT Class)
Security Group 2		
IC	$ 5,291,504	25% of the Subgroup 2A Trust Assets
SC	82,339,953	100% of the Group 2 Trust Assets
Security Group 3		
CS	$97,500,000	100% of CF (PT Class)
Security Group 4		
AS	$53,333,334	100% of AF (PT Class)
SA	80,000,000	100% of FA (PT Class)
Security Group 5		
JS	$40,000,000	100% of JF (PT Class)
SJ	60,000,000	100% of FJ (PT Class)
Security Group 6		
KI	$ 8,342,239	22.2222222222% of KA (PAC/AD Class)
KS	$29,864,582	100% of FH (PT Class)
	6,466,799	100% of FK (PAC/AD Class)
	$36,331,381	
SH	$29,864,582	100% of FH (PT Class)
SK	6,466,799	100% of FK (PAC/AD Class)
Security Group 7		
DS	$39,570,047	100% of the Group 7 Trust Assets
Security Group 8		
GS	$28,344,859	100% of the Subgroup 8A Trust Assets
SB	7,966,527	100% of the Subgroup 8B Trust Assets
SG	36,311,386	100% of the Group 8 Trust Assets
TG	28,344,859	100% of the Subgroup 8A Trust Assets
Security Group 9		
GI	$ 864,895	100% of the Subgroup 9B Trust Assets
HI	6,209,849	100% of the Subgroup 9A Trust Assets
IH	7,074,744	100% of the Group 9 Trust Assets

Class	Original Class Notional Balance	Represents Approximately
Security Group 10		
SD	$28,698,799	100% of the Group 10 Trust Assets
Security Group 11		
HS	$ 33,702,880	100% of the Group 11 Trust Assets
HT	16,659,224	100% of the Subgroup 11A Trust Assets

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 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 and 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 level of LIBOR will affect the yields on the floating rate and inverse floating rate securities. If LIBOR performs differently from what you expect, the yield on your securities may be lower than you expect. Lower levels of LIBOR will generally reduce the yield on floating rate securities; higher levels of LIBOR will generally reduce the yield on inverse floating rate securities. You should bear in mind that the timing of changes in the level of LIBOR may affect your yield: generally, the earlier a change, the greater the effect on your yield. It is doubtful that LIBOR 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 support class will not receive any principal distribution on that date. 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 support class.

The rate of payments on the underlying certificates will directly affect the rate of payments on the group 2 and 7 through 11 securities. The underlying certificates will be sensitive in varying degrees to:

- the rate of payments of principal (including prepayments) of the related mortgage loans, and
- the priorities for the distribution of principal among the classes of the related underlying series.

As described in the related underlying certificate disclosure documents, the reductions in the notional balance of certain of the underlying certificates included in trust asset group 7 and trust asset subgroups 8B, 9B and 11A on any payment date are calculated, indirectly, on the basis of schedules; no assurance can be given that the underlying certificates will adhere to their schedules. Further, prepayments on the related mortgage loans may have occurred at rates faster or slower than those initially assumed.

The trust assets underlying certain of the underlying certificates included in trust asset group 10 and subgroups 2B and 9A are also previously issued certificates that represent beneficial ownership interests in separate trusts. The rate of payments on the previously issued certificates backing these underlying certificates will directly affect the timing and rate of payments on the group 2, 9 and 10 securities. You should read the related underlying certificate disclosure documents, including the risk factors contained therein, to understand the payments on and related risks of the previously issued certificates backing these underlying certificates.

This supplement contains no information as to whether the related classes with which the notional underlying certificates reduce have adhered to any applicable principal balance schedules, whether any related supporting classes remain outstanding or whether the underlying certificates otherwise have performed as originally anticipated. Additional information as to the underlying certificates may be obtained by performing an analysis of current principal factors of the underlying certificates in light of applicable information contained in the related underlying certificate disclosure documents.

Up to 10% of the mortgage loans underlying the group 3 through 6 and subgroup 9B trust assets and up to 100% of the mortgage loans underlying the group 1, 2, 7, 8, 10 and 11 and subgroup 9A 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.

Changes to, or elimination of, LIBOR could adversely affect your investment in the securities. On July 27, 2017, the U.K.-based Financial Conduct Authority (the "FCA") announced its intention to cease sustaining LIBOR after 2021. The FCA indicated that it does not intend to sustain LIBOR through using its influence or legal powers beyond that date. It is possible that the ICE Benchmark Administration ("IBA") and the reference banks could continue to produce LIBOR on the current basis after 2021, if they are willing and able to do so, but it cannot be assured that LIBOR will survive in its current form, or at all. In the event IBA ceases to set or publish a rate for LIBOR, the Trustee shall propose a new index for approval by Ginnie Mae based upon comparable information and methodology. The Trustee shall propose an alternative index only if it receives an opinion of counsel that the selection of such alternative index will not cause the related Trust REMIC or REMICs to lose their classification as REMICs for United States federal income tax purposes. The effect of the FCA's decision not to sustain LIBOR, or, if changes are ultimately made to LIBOR, the effect of those changes, cannot be predicted. In addition, it cannot be predicted what alternative index would be chosen should this occur. If LIBOR in its current form does not survive or if an alternative index is chosen, the market value and/or liquidity of securities with distributions or interest rates based on LIBOR could be adversely affected.

The securities may not be a suitable investment for you. The securities, especially the group 2 and 7 through 11 securities and, 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, regardless of whether the assets consist of Trust MBS or the Underlying Certificates, will evidence, directly or indirectly, Ginnie Mae Certificates.

The Trust MBS (Groups 1 and 3 through 6)

The Group 1 and 3 through 6 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 Underlying Certificates (Groups 2 and 7 through 11)

The Group 2 and 7 through 11 Trust Assets are Underlying Certificates that represent beneficial ownership interests in one or more separate trusts, the assets of which evidence direct or indirect beneficial ownership interests in certain Ginnie Mae Certificates. Each Underlying Certificate constitutes all or a portion of a class of a separate Series of certificates described in the related Underlying Certificate Disclosure Document. Each Underlying Certificate Disclosure Document may be obtained from the Information Agent as described under "Available Information" in this Supplement. Investors are cautioned that material changes in facts and circumstances may have occurred since the date of each Underlying Certificate Disclosure Document, including changes in prepayment rates, prevailing interest rates and other economic factors, which may limit the usefulness of, and be directly contrary to the assumptions used in preparing the information included in, the offering document. *See "Underlying Certificates" in the Base Offering Circular.*

Each Underlying Certificate provides for monthly distributions and is further described in the table contained in Exhibit A to this Supplement. The table also sets forth information regarding approximate weighted average remaining terms to maturity, loan ages and mortgage rates of the Mortgage Loans underlying the related Ginnie Mae Certificates.

The Mortgage Loans

The Mortgage Loans underlying the Group 1 and 3 through 6 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 Group 1 and 3 through 6 Trust Assets" and the general characteristics described in the Base Offering Circular. The Mortgage Loans underlying the Underlying Certificates are expected to have, on a weighted average basis, the characteristics set forth in Exhibit A to this Supplement. 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 the 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 the 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:

Class	Accrual Period
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 LIBOR. The Trustee or its agent will determine LIBOR on the basis of the ICE LIBOR method, as described under "Description of the Securities — Interest Rate Indices — Determination of LIBOR — ICE LIBOR" in the Base Offering Circular. In the case of the Group 2, 7, 8, 10 and 11 Securities, the Trustee will use the same values of LIBOR as are used for the related Underlying Certificates (which will be determined on the basis of the ICE LIBOR method).

We can provide no assurance that LIBOR for a Distribution Date accurately represents the offered rate at which one-month U.S. dollar deposits are being quoted to prime banks in the London interbank market, nor that the procedures for calculating LIBOR on the basis of the ICE LIBOR method for one-month U.S. dollar deposits will not change. Any change in LIBOR values resulting from any change in reporting or in the determination of LIBOR may cause LIBOR to fluctuate disproportionately to changes in other market lending rates.

The Trustee's determination of LIBOR and its calculation of the Interest Rates will be final except in the case of clear error. Investors can obtain LIBOR levels and Interest Rates for the current and preceding Accrual Periods on Ginnie Mae's website or by calling the Information Agent at (800) 234-GNMA.

Accrual Class

Class KZ is an Accrual Class. Interest will accrue on the Accrual Class and be distributed as described under "Terms Sheet — Accrual Class" 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 Class RR Securities will represent the beneficial ownership of the Residual Interest in the Issuing REMIC and the beneficial ownership of the Residual Interest in the Pooling REMIC, as described in "Certain United States Federal Income Tax Consequences" in the Base Offering Circular. The Class RR Securities have no Class Principal Balance and do not accrue interest. The Class RR 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 the 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 the Accrual Class) can calculate the amount of principal and interest to be distributed to that Class and investors in the 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 Ginnie Mae's website.

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. 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 or Classes shown on Schedule I to this Supplement. Similarly, all or a portion of the related MX Class or Classes may be exchanged for proportionate interests in the related Class or Classes of REMIC Securities and, in the case of Combination 1, other related MX Classes. 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.

In the case of Combination 1, the Class B Securities may be exchanged for proportionate interests in various subcombinations of MX Classes. Similarly, all or a portion of these MX Classes may be exchanged for proportionate interests in the related REMIC Security or in other subcombinations of the related MX Classes. Each subcombination 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. *See the example under "Description of the Securities — Modification and Exchange" in the Base Offering Circular.*

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 USBGNMATeam@usbank.com or in writing at its Corporate Trust Office at U.S. Bank National Association, One Federal Street, 3rd Floor, Boston, Massachusetts, 02110, Attention: Ginnie Mae REMIC Trust 2019-143. The Trustee may be contacted by telephone at (617) 603-6451 and by fax at (617) 603-6644.

A fee will be payable to the Trustee in connection with each exchange equal to 1/32 of 1% of the outstanding principal balance (or notional balance) of the Securities surrendered for exchange (but not less than $2,000 or more than $25,000); provided, however, that no fee will be payable in respect of an interest only security unless all securities involved in the exchange are interest only securities. 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.*

Investors in the Group 2 and 7 through 11 Securities are urged to review the discussion under "*Risk Factors — The rate of payments on the underlying certificates will directly affect the rate of payments on the group 2 and 7 through 11 securities*" in this Supplement.

Accretion Directed Classes

Classes FK, KA and KB are Accretion Directed Classes. The Accrual Amount will be applied to making principal distributions on those Classes as described in this Supplement. Each of Classes KI and SK is a Notional Class whose Class Notional Balance is determined by reference to the Class Principal Balance of the related Accretion Directed Class shown under *"Terms Sheet — Notional Classes"* 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. Although the Accretion Directed Classes are entitled to receive payments from the Accrual Amount, they do not have principal payment stability through any constant prepayment rate significantly higher than 0% PSA, except within any applicable Effective Range.

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 Range for the PAC Classes is as follows:

Security Group	Class	Effective Range
	PAC Classes	
6	FK, KA and KB (in the aggregate)	150% PSA through 365% PSA

• The principal payment stability of the PAC Classes will be supported by the Support Class.

If the Class supporting a given Class is 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 Range. If the initial Effective

Range were calculated using the actual characteristics of the related Mortgage Loans, the initial Effective Range could differ from that 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 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 characteristics of the Underlying Certificates, the priorities of distributions on the Underlying Certificates and the following assumptions (the "Modeling Assumptions"), among others:

1. The Mortgage Loans underlying the Group 1 and 3 through 6 Trust Assets have the assumed characteristics shown under "Assumed Characteristics of the Mortgage Loans Underlying the Group 1 and 3 through 6 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 1, 3, 4, 5 or 6 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 or CPR, as applicable, (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 December 2019.

4. A termination of the Trust or the Underlying Trusts does not occur.

5. The Closing Date for the Securities is November 29, 2019.

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

7. Distributions on the Underlying Certificates are made as described in the related Underlying Certificate Disclosure Documents.

8. 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 models used in this Supplement, Prepayment Speed Assumption ("PSA") and Constant Prepayment Rate ("CPR"), are the standard prepayment assumption models 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. CPR represents a constant rate of prepayment on the Mortgage Loans each month relative to the then outstanding aggregate principal balance of the Mortgage Loans for the life of those Mortgage Loans. *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") or CPR (the "CPR Prepayment Assumption Rates"), as applicable. As used in the tables, each of the PSA Prepayment Assumption Rates or CPR Prepayment Assumption Rates reflects a percentage of the 100% PSA or CPR assumed prepayment rate. **The Mortgage Loans will not prepay at any of the PSA Prepayment Assumption Rates or CPR 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 or CPR 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 or CPR Prepayment Assumption Rates, as applicable. 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 or CPR Prepayment Assumption Rate, as applicable. 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				
	Classes B, BA, BC, BD, BE, BG, BH and BI				
Distribution Date	0%	100%	250%	400%	500%
Initial Percent	100	100	100	100	100
November 2020	99	97	94	92	90
November 2021	97	91	83	75	70
November 2022	95	84	69	56	48
November 2023	94	77	58	42	33
November 2024	92	71	48	31	23
November 2025	90	65	40	23	15
November 2026	88	59	33	17	11
November 2027	86	54	27	13	7
November 2028	84	50	22	9	5
November 2029	81	45	18	7	3
November 2030	79	41	15	5	2
November 2031	76	37	12	4	2
November 2032	74	34	10	3	1
November 2033	71	30	8	2	1
November 2034	68	27	7	1	0
November 2035	65	24	5	1	0
November 2036	61	21	4	1	0
November 2037	58	19	3	1	0
November 2038	54	17	3	0	0
November 2039	51	14	2	0	0
November 2040	47	12	2	0	0
November 2041	42	11	1	0	0
November 2042	38	9	1	0	0
November 2043	33	7	1	0	0
November 2044	28	6	1	0	0
November 2045	23	4	0	0	0
November 2046	18	3	0	0	0
November 2047	12	2	0	0	0
November 2048	6	1	0	0	0
November 2049	0	0	0	0	0
Weighted Average Life (years)	18.6	10.6	6.2	4.3	3.6

	Security Group 2 PSA Prepayment Assumption Rates									
	Class IC					Class SC				
Distribution Date	0%	100%	300%	450%	600%	0%	100%	300%	450%	600%
Initial Percent	100	100	100	100	100	100	100	100	100	100
November 2020	98	92	80	71	63	98	92	80	71	63
November 2021	95	84	64	51	39	95	84	64	51	39
November 2022	93	77	51	36	24	93	77	51	36	24
November 2023	90	70	41	26	15	90	71	41	26	15
November 2024	87	64	32	18	9	88	64	33	18	9
November 2025	85	58	26	13	6	85	59	26	13	6
November 2026	82	53	20	9	4	82	53	20	9	4
November 2027	79	48	16	6	2	79	48	16	6	2
November 2028	75	43	13	4	1	76	43	13	4	1
November 2029	72	39	10	3	1	72	39	10	3	1
November 2030	68	35	8	2	1	69	35	8	2	1
November 2031	65	31	6	1	0	65	31	6	1	0
November 2032	61	27	5	1	0	62	28	5	1	0
November 2033	57	24	4	1	0	58	24	4	1	0
November 2034	52	21	3	0	0	53	21	3	0	0
November 2035	48	18	2	0	0	49	18	2	0	0
November 2036	43	15	1	0	0	45	16	2	0	0
November 2037	39	13	1	0	0	40	13	1	0	0
November 2038	34	10	1	0	0	35	11	1	0	0
November 2039	28	8	1	0	0	30	9	1	0	0
November 2040	23	6	0	0	0	25	7	0	0	0
November 2041	17	4	0	0	0	19	5	0	0	0
November 2042	11	3	0	0	0	13	3	0	0	0
November 2043	5	1	0	0	0	7	2	0	0	0
November 2044	0	0	0	0	0	2	0	0	0	0
November 2045	0	0	0	0	0	0	0	0	0	0
November 2046	0	0	0	0	0	0	0	0	0	0
Weighted Average Life (years)	14.6	9.0	4.3	2.9	2.1	14.8	9.0	4.4	2.9	2.1

	Security Group 3 PSA Prepayment Assumption Rates				
	Classes CA, CF and CS				
Distribution Date	0%	100%	350%	550%	700%
Initial Percent	100	100	100	100	100
November 2020	99	92	78	66	57
November 2021	97	85	60	43	32
November 2022	96	78	46	28	18
November 2023	95	72	36	19	10
November 2024	93	66	28	12	6
November 2025	91	60	21	8	3
November 2026	90	55	16	5	2
November 2027	88	50	12	3	1
November 2028	86	45	9	2	1
November 2029	84	41	7	1	0
November 2030	81	37	5	1	0
November 2031	79	33	4	1	0
November 2032	77	30	3	0	0
November 2033	74	27	2	0	0
November 2034	71	23	2	0	0
November 2035	68	21	1	0	0
November 2036	65	18	1	0	0
November 2037	61	15	1	0	0
November 2038	58	13	0	0	0
November 2039	54	11	0	0	0
November 2040	50	9	0	0	0
November 2041	46	7	0	0	0
November 2042	41	5	0	0	0
November 2043	36	4	0	0	0
November 2044	31	2	0	0	0
November 2045	26	1	0	0	0
November 2046	20	0	0	0	0
November 2047	14	0	0	0	0
November 2048	7	0	0	0	0
November 2049	0	0	0	0	0
Weighted Average Life (years)	19.3	9.5	3.8	2.4	1.8

	Security Group 4 PSA Prepayment Assumption Rates					
	Classes AF, AS, FA and SA					
Distribution Date	0%	100%	350%	625%	950%	1,300%
Initial Percent	100	100	100	100	100	100
November 2020	99	96	90	83	75	66
November 2021	98	90	73	57	39	23
November 2022	96	83	57	35	17	5
November 2023	95	77	44	21	7	1
November 2024	94	71	34	13	3	0
November 2025	92	66	27	8	1	0
November 2026	90	60	21	5	1	0
November 2027	89	55	16	3	0	0
November 2028	87	51	12	2	0	0
November 2029	85	46	9	1	0	0
November 2030	83	42	7	1	0	0
November 2031	80	39	6	0	0	0
November 2032	78	35	4	0	0	0
November 2033	75	32	3	0	0	0
November 2034	73	29	2	0	0	0
November 2035	70	26	2	0	0	0
November 2036	66	23	1	0	0	0
November 2037	63	20	1	0	0	0
November 2038	59	18	1	0	0	0
November 2039	56	16	1	0	0	0
November 2040	52	13	0	0	0	0
November 2041	47	11	0	0	0	0
November 2042	43	10	0	0	0	0
November 2043	38	8	0	0	0	0
November 2044	32	6	0	0	0	0
November 2045	27	5	0	0	0	0
November 2046	21	3	0	0	0	0
November 2047	14	2	0	0	0	0
November 2048	7	1	0	0	0	0
November 2049	0	0	0	0	0	0
Weighted Average Life (years)	19.6	10.8	4.6	2.8	1.9	1.5

Security Group 5
PSA Prepayment Assumption Rates

Distribution Date	Classes FJ, JF, JS and SJ 0%	100%	350%	625%	950%	1,300%
Initial Percent	100	100	100	100	100	100
November 2020	99	96	89	81	71	61
November 2021	98	89	71	53	35	18
November 2022	96	83	55	33	15	4
November 2023	95	76	43	20	6	1
November 2024	94	70	33	12	3	0
November 2025	92	65	26	8	1	0
November 2026	90	60	20	5	0	0
November 2027	89	55	15	3	0	0
November 2028	87	50	12	2	0	0
November 2029	85	46	9	1	0	0
November 2030	83	42	7	1	0	0
November 2031	80	38	5	0	0	0
November 2032	78	34	4	0	0	0
November 2033	75	31	3	0	0	0
November 2034	73	28	2	0	0	0
November 2035	70	25	2	0	0	0
November 2036	66	22	1	0	0	0
November 2037	63	20	1	0	0	0
November 2038	59	17	1	0	0	0
November 2039	56	15	1	0	0	0
November 2040	52	13	0	0	0	0
November 2041	47	11	0	0	0	0
November 2042	43	9	0	0	0	0
November 2043	38	7	0	0	0	0
November 2044	32	6	0	0	0	0
November 2045	27	4	0	0	0	0
November 2046	21	3	0	0	0	0
November 2047	14	1	0	0	0	0
November 2048	7	0	0	0	0	0
November 2049	0	0	0	0	0	0
Weighted Average Life (years)	19.6	10.7	4.5	2.7	1.8	1.3

Security Group 6
PSA Prepayment Assumption Rates

	Classes FH and SH					Classes FK and SK				
Distribution Date	0%	150%	185%	365%	400%	0%	150%	185%	365%	400%
Initial Percent	100	100	100	100	100	100	100	100	100	100
November 2020	99	96	95	92	91	97	93	93	93	93
November 2021	97	88	86	76	74	94	82	82	82	82
November 2022	96	79	75	58	56	91	69	69	69	69
November 2023	95	70	66	45	41	88	56	56	56	55
November 2024	93	63	57	34	31	85	45	45	45	41
November 2025	91	56	50	26	23	81	35	35	35	30
November 2026	90	50	43	20	17	77	26	26	26	23
November 2027	88	44	38	15	13	74	20	20	20	17
November 2028	86	39	33	12	9	69	15	15	15	12
November 2029	84	35	28	9	7	65	12	12	12	9
November 2030	81	31	24	7	5	61	9	9	9	7
November 2031	79	27	21	5	4	56	7	7	7	5
November 2032	77	24	18	4	3	51	5	5	5	4
November 2033	74	21	15	3	2	45	4	4	4	3
November 2034	71	18	13	2	1	40	3	3	3	2
November 2035	68	16	11	2	1	34	2	2	2	1
November 2036	65	13	9	1	1	28	2	2	2	1
November 2037	61	12	8	1	1	21	1	1	1	1
November 2038	58	10	6	1	0	14	1	1	1	1
November 2039	54	8	5	0	0	7	1	1	1	0
November 2040	50	7	4	0	0	0	0	0	0	0
November 2041	46	6	4	0	0	0	0	0	0	0
November 2042	41	5	3	0	0	0	0	0	0	0
November 2043	36	4	2	0	0	0	0	0	0	0
November 2044	31	3	2	0	0	0	0	0	0	0
November 2045	26	2	1	0	0	0	0	0	0	0
November 2046	20	1	1	0	0	0	0	0	0	0
November 2047	14	1	0	0	0	0	0	0	0	0
November 2048	7	0	0	0	0	0	0	0	0	0
November 2049	0	0	0	0	0	0	0	0	0	0
Weighted Average Life (years)	19.3	8.8	7.7	4.6	4.3	12.3	5.4	5.4	5.4	5.1

	Classes KA and KI					Class KB				
Distribution Date	0%	150%	185%	365%	400%	0%	150%	185%	365%	400%
Initial Percent	100	100	100	100	100	100	100	100	100	100
November 2020	97	93	93	93	93	100	100	100	100	100
November 2021	94	81	81	81	81	100	100	100	100	100
November 2022	91	68	68	68	68	100	100	100	100	100
November 2023	88	55	55	55	53	100	100	100	100	100
November 2024	84	43	43	43	39	100	100	100	100	100
November 2025	81	32	32	32	28	100	100	100	100	100
November 2026	77	24	24	24	20	100	100	100	100	100
November 2027	73	17	17	17	14	100	100	100	100	100
November 2028	68	13	13	13	9	100	100	100	100	100
November 2029	64	9	9	9	6	100	100	100	100	100
November 2030	59	6	6	6	4	100	100	100	100	100
November 2031	54	4	4	4	2	100	100	100	100	100
November 2032	49	2	2	2	0	100	100	100	100	100
November 2033	44	1	1	1	0	100	100	100	100	82
November 2034	38	0	0	0	0	100	87	87	87	59
November 2035	32	0	0	0	0	100	65	65	65	43
November 2036	25	0	0	0	0	100	48	48	48	31
November 2037	18	0	0	0	0	100	35	35	35	22
November 2038	11	0	0	0	0	100	26	26	26	16
November 2039	4	0	0	0	0	100	19	19	19	11
November 2040	0	0	0	0	0	13	13	13	13	8
November 2041	0	0	0	0	0	9	9	9	9	5
November 2042	0	0	0	0	0	7	7	7	7	4
November 2043	0	0	0	0	0	4	4	4	4	2
November 2044	0	0	0	0	0	3	3	3	3	2
November 2045	0	0	0	0	0	2	2	2	2	1
November 2046	0	0	0	0	0	1	1	1	1	1
November 2047	0	0	0	0	0	1	1	1	1	0
November 2048	0	0	0	0	0	0	0	0	0	0
November 2049	0	0	0	0	0	0	0	0	0	0
Weighted Average Life (years)	12.0	5.0	5.0	5.0	4.7	21.1	17.7	17.7	17.7	16.4

Security Group 6
PSA Prepayment Assumption Rates

Distribution Date	Classes KF and KS 0%	150%	185%	365%	400%	Class KZ 0%	150%	185%	365%	400%
Initial Percent	100	100	100	100	100	100	100	100	100	100
November 2020	98	95	95	92	91	104	104	101	87	84
November 2021	97	87	85	77	76	107	107	99	57	49
November 2022	95	77	74	60	58	111	111	96	27	15
November 2023	93	68	64	47	44	115	115	95	9	0
November 2024	92	60	55	36	33	119	119	96	1	0
November 2025	90	52	47	28	24	123	123	98	0	0
November 2026	87	46	40	21	18	128	123	96	0	0
November 2027	85	40	35	16	13	132	120	92	0	0
November 2028	83	35	30	12	10	137	114	86	0	0
November 2029	80	31	25	9	7	142	107	80	0	0
November 2030	78	27	22	7	5	147	99	73	0	0
November 2031	75	23	18	5	4	152	90	65	0	0
November 2032	72	20	16	4	3	158	82	58	0	0
November 2033	69	18	13	3	2	163	74	51	0	0
November 2034	65	15	11	2	2	169	66	45	0	0
November 2035	62	13	9	2	1	175	58	39	0	0
November 2036	58	11	8	1	1	181	51	34	0	0
November 2037	54	10	7	1	1	188	44	29	0	0
November 2038	50	8	5	1	0	194	38	24	0	0
November 2039	46	7	5	0	0	201	32	20	0	0
November 2040	41	6	4	0	0	205	27	17	0	0
November 2041	38	5	3	0	0	187	23	14	0	0
November 2042	34	4	2	0	0	169	19	11	0	0
November 2043	30	3	2	0	0	149	15	8	0	0
November 2044	26	2	1	0	0	128	11	6	0	0
November 2045	21	2	1	0	0	105	8	5	0	0
November 2046	16	1	1	0	0	81	6	3	0	0
November 2047	11	1	0	0	0	56	3	2	0	0
November 2048	6	0	0	0	0	29	1	1	0	0
November 2049	0	0	0	0	0	0	0	0	0	0
Weighted Average Life (years)	18.0	8.2	7.3	4.8	4.5	25.9	16.3	14.6	2.3	2.0

Security Group 7
CPR Prepayment Assumption Rates

Distribution Date	Class DS 0%	5%	10%	15%	20%
Initial Percent	100	100	100	100	100
November 2020	98	93	90	87	84
November 2021	96	86	79	74	66
November 2022	94	80	69	61	52
November 2023	91	73	60	51	41
November 2024	89	67	52	42	32
November 2025	86	62	45	35	25
November 2026	84	56	39	29	19
November 2027	81	51	33	23	15
November 2028	78	46	28	19	12
November 2029	75	42	24	15	9
November 2030	72	37	20	12	7
November 2031	69	33	16	10	5
November 2032	65	29	13	8	4
November 2033	62	25	11	6	3
November 2034	58	21	10	5	2
November 2035	54	18	8	4	2
November 2036	50	16	7	3	1
November 2037	46	14	6	2	1
November 2038	41	13	5	2	1
November 2039	37	11	4	1	0
November 2040	32	10	3	1	0
November 2041	27	8	3	1	0
November 2042	22	7	2	1	0
November 2043	19	6	2	0	0
November 2044	16	4	1	0	0
November 2045	13	3	1	0	0
November 2046	9	2	1	0	0
November 2047	6	1	0	0	0
November 2048	2	0	0	0	0
November 2049	0	0	0	0	0
Weighted Average Life (years)	16.2	9.7	6.8	5.4	4.3

Security Group 8
CPR Prepayment Assumption Rates

Distribution Date	Classes GS and TG					Class SB					Class SG				
	0%	10%	15%	25%	30%	0%	10%	15%	25%	30%	0%	10%	15%	25%	30%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
November 2020	98	88	84	74	69	98	94	94	86	80	98	90	86	76	71
November 2021	96	78	70	54	47	95	83	82	64	55	96	79	72	56	49
November 2022	94	69	58	40	32	92	72	68	47	38	94	70	60	41	34
November 2023	92	61	48	29	22	89	62	57	35	26	92	61	50	30	23
November 2024	90	53	40	21	15	87	53	47	25	18	89	53	42	22	16
November 2025	88	47	33	16	10	83	46	39	19	12	87	46	35	16	11
November 2026	86	41	27	11	7	80	38	33	14	8	84	40	29	12	7
November 2027	83	36	23	8	5	77	32	27	10	6	82	35	24	9	5
November 2028	81	31	19	6	3	73	26	23	7	4	79	30	19	6	3
November 2029	78	27	15	4	2	69	21	19	5	3	76	26	16	5	2
November 2030	75	23	13	3	1	66	16	15	4	2	73	22	13	3	2
November 2031	72	20	10	2	1	61	12	13	3	1	70	19	11	2	1
November 2032	69	17	8	2	1	57	8	10	2	1	66	15	9	2	1
November 2033	65	15	7	1	0	53	6	8	1	1	63	13	7	1	0
November 2034	62	13	5	1	0	48	5	7	1	0	59	11	6	1	0
November 2035	58	11	4	1	0	43	4	6	1	0	55	9	5	1	0
November 2036	54	9	3	0	0	38	3	4	1	0	51	8	4	0	0
November 2037	50	8	3	0	0	32	2	4	0	0	46	6	3	0	0
November 2038	46	6	2	0	0	27	2	3	0	0	42	5	2	0	0
November 2039	41	5	2	0	0	21	1	2	0	0	37	4	2	0	0
November 2040	37	4	1	0	0	14	1	2	0	0	32	3	1	0	0
November 2041	32	3	1	0	0	8	1	1	0	0	26	3	1	0	0
November 2042	27	2	1	0	0	1	1	1	0	0	21	2	1	0	0
November 2043	21	2	0	0	0	0	0	1	0	0	17	1	0	0	0
November 2044	15	1	0	0	0	0	0	1	0	0	12	1	0	0	0
November 2045	9	1	0	0	0	0	0	0	0	0	7	1	0	0	0
November 2046	3	0	0	0	0	0	0	0	0	0	3	0	0	0	0
November 2047	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
November 2048	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
November 2049	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average Life (years)	16.7	7.2	5.3	3.2	2.7	13.6	6.4	6.2	3.8	3.1	16.1	7.0	5.5	3.4	2.8

Security Group 9
CPR Prepayment Assumption Rates

Distribution Date	Class GI					Class HI					Class IH				
	0%	10%	15%	25%	30%	0%	10%	15%	25%	30%	0%	10%	15%	25%	30%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
November 2020	98	88	83	73	68	96	86	81	71	66	96	86	81	71	66
November 2021	95	76	68	52	45	91	73	65	50	43	92	74	65	50	43
November 2022	92	67	56	37	30	86	62	52	34	27	87	63	52	35	28
November 2023	90	58	45	26	19	82	52	41	23	17	83	53	41	24	17
November 2024	87	50	37	18	12	76	44	32	15	10	78	44	32	16	10
November 2025	84	43	30	12	7	71	36	24	10	6	73	37	25	10	6
November 2026	81	37	24	8	4	65	29	18	7	4	67	30	19	7	4
November 2027	77	31	19	5	1	59	23	13	4	3	62	24	14	5	2
November 2028	74	27	15	2	0	53	18	9	3	2	56	19	10	3	1
November 2029	70	22	11	1	0	47	14	7	2	1	50	15	7	2	1
November 2030	67	18	8	0	0	40	10	5	1	1	43	11	5	1	1
November 2031	63	15	6	0	0	33	7	3	1	0	37	8	4	1	0
November 2032	59	12	4	0	0	26	4	2	0	0	30	5	2	0	0
November 2033	54	9	2	0	0	19	3	1	0	0	24	4	1	0	0
November 2034	50	7	1	0	0	14	2	1	0	0	19	2	1	0	0
November 2035	45	5	0	0	0	11	1	0	0	0	15	2	0	0	0
November 2036	40	3	0	0	0	8	1	0	0	0	12	1	0	0	0
November 2037	35	1	0	0	0	4	0	0	0	0	8	1	0	0	0
November 2038	30	0	0	0	0	1	0	0	0	0	5	0	0	0	0
November 2039	25	0	0	0	0	1	0	0	0	0	4	0	0	0	0
November 2040	19	0	0	0	0	0	0	0	0	0	2	0	0	0	0
November 2041	13	0	0	0	0	0	0	0	0	0	2	0	0	0	0
November 2042	6	0	0	0	0	0	0	0	0	0	1	0	0	0	0
November 2043	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
November 2044	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
November 2045	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
November 2046	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
November 2047	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
November 2048	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
November 2049	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average Life (years)	14.0	6.2	4.6	2.8	2.4	9.4	5.2	4.1	2.7	2.3	9.9	5.3	4.1	2.7	2.3

Security Group 10
CPR Prepayment Assumption Rates

Distribution Date	Class SD 0%	10%	15%	25%	30%
Initial Percent	100	100	100	100	100
November 2020	98	88	83	73	69
November 2021	96	78	69	54	47
November 2022	94	68	57	39	32
November 2023	91	60	48	29	22
November 2024	89	52	39	21	15
November 2025	86	46	32	15	10
November 2026	83	40	27	11	7
November 2027	81	35	22	8	5
November 2028	78	30	18	6	3
November 2029	75	26	15	4	2
November 2030	71	22	12	3	1
November 2031	68	19	10	2	1
November 2032	64	16	8	2	1
November 2033	61	14	6	1	0
November 2034	57	12	5	1	0
November 2035	53	10	4	1	0
November 2036	49	8	3	0	0
November 2037	44	7	2	0	0
November 2038	40	5	2	0	0
November 2039	35	4	1	0	0
November 2040	30	3	1	0	0
November 2041	25	2	1	0	0
November 2042	20	2	0	0	0
November 2043	14	1	0	0	0
November 2044	9	1	0	0	0
November 2045	5	0	0	0	0
November 2046	2	0	0	0	0
November 2047	0	0	0	0	0
November 2048	0	0	0	0	0
Weighted Average Life (years)	15.7	7.0	5.2	3.2	2.6

Security Group 11
CPR Prepayment Assumption Rates

Distribution Date	Class HS 0%	5%	10%	15%	20%	Class HT 0%	5%	10%	15%	20%
Initial Percent	100	100	100	100	100	100	100	100	100	100
November 2020	98	93	90	86	83	98	93	91	89	87
November 2021	96	86	79	73	65	95	86	80	76	69
November 2022	94	80	69	61	51	93	79	69	63	54
November 2023	92	74	60	50	40	90	72	60	52	42
November 2024	89	68	53	42	31	88	66	52	43	33
November 2025	87	63	46	35	24	85	60	44	35	26
November 2026	84	57	39	28	19	82	54	37	29	20
November 2027	82	52	34	23	15	79	48	31	24	15
November 2028	79	47	29	19	11	76	43	26	19	12
November 2029	76	43	24	15	9	73	38	21	15	9
November 2030	73	39	21	13	7	69	33	17	12	7
November 2031	70	34	17	10	5	65	28	13	9	5
November 2032	67	30	14	8	4	62	24	11	7	4
November 2033	63	27	12	6	3	58	20	9	5	3
November 2034	60	23	10	5	2	54	16	7	4	2
November 2035	56	20	9	4	2	49	13	6	3	2
November 2036	52	18	7	3	1	45	11	5	2	1
November 2037	48	16	6	2	1	40	10	4	2	1
November 2038	43	14	5	2	1	35	8	3	1	1
November 2039	39	12	4	1	0	30	7	3	1	0
November 2040	34	11	3	1	0	25	6	2	1	0
November 2041	29	9	3	1	0	19	5	2	1	0
November 2042	25	8	2	1	0	15	5	1	0	0
November 2043	22	6	2	0	0	13	4	1	0	0
November 2044	18	5	1	0	0	11	3	1	0	0
November 2045	14	4	1	0	0	8	2	1	0	0
November 2046	11	3	1	0	0	6	2	0	0	0
November 2047	7	2	0	0	0	4	1	0	0	0
November 2048	2	1	0	0	0	1	0	0	0	0
November 2049	0	0	0	0	0	0	0	0	0	0
Weighted Average Life (years)	16.6	10.0	6.9	5.4	4.3	15.2	8.9	6.5	5.5	4.4

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, in the case of the Group 2 and 7 through 11 Securities, the investor's own projection of payment rates on the Underlying Certificates 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 LIBOR under a variety of scenarios. **No representation is made regarding Mortgage Loan prepayment rates, Underlying Certificate payment rates, LIBOR 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.

LIBOR: Effect on Yields of the Floating Rate and Inverse Floating Rate Classes

Low levels of LIBOR can reduce the yield of the Floating Rate Classes. High levels of LIBOR 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 LIBOR 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 or CPR, as applicable, and, in the case of the Inverse Floating Rate Classes, at various constant levels of LIBOR.

The Mortgage Loans will not prepay at any constant rate until maturity, and it is unlikely that LIBOR 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 LIBOR and (2) the purchase price of each Class (expressed as a percentage of its 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 BI to Prepayments
Assumed Price 8.9375%*

PSA Prepayment Assumption Rates				
100%	250%	400%	500%	758%
34.2%	26.7%	19.1%	13.8%	0.0%

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

SECURITY GROUP 2

Sensitivity of Class IC to Prepayments
Assumed Price 4.25%*

LIBOR	PSA Prepayment Assumption Rates 100%	300%	450%	600%
6.050% and below	14.5%	0.5%	(10.6)%	(22.5)%
6.175%	0.9%	(12.3)%	(22.8)%	(34.0)%
6.300% and above	**	**	**	**

Sensitivity of Class SC to Prepayments
Assumed Price 19.3125%*

LIBOR	PSA Prepayment Assumption Rates 100%	300%	450%	600%
1.00000%	17.4%	3.3%	(8.0)%	(20.0)%
1.72363%	13.3%	(0.6)%	(11.7)%	(23.5)%
3.88682%	0.3%	(12.8)%	(23.3)%	(34.5)%
6.05000% and above	**	**	**	**

SECURITY GROUP 3

Sensitivity of Class CS to Prepayments
Assumed Price 13.125%*

LIBOR	PSA Prepayment Assumption Rates 100%	350%	550%	700%
1.000%	31.7%	12.9%	(3.6)%	(17.0)%
1.800%	25.0%	6.6%	(9.4)%	(22.4)%
3.925%	7.0%	(10.0)%	(24.9)%	(37.0)%
6.050% and above	**	**	**	**

SECURITY GROUP 4

Sensitivity of Class AS to Prepayments
Assumed Price 8.9375%*

LIBOR	PSA Prepayment Assumption Rates 100%	350%	625%	950%	1,300%
1.00000%	56.0%	42.2%	26.2%	6.0%	(17.6)%
1.80490%	45.1%	31.2%	15.0%	(5.6)%	(29.9)%
3.92745%	17.6%	3.0%	(14.2)%	(36.6)%	(63.6)%
6.05000% 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.

Sensitivity of Class SA to Prepayments
Assumed Price 3.6875%*

LIBOR	PSA Prepayment Assumption Rates 100%	350%	625%	950%	1,300%
1.00000%	68.0%	54.4%	38.6%	18.8%	(4.5)%
1.80490%	41.6%	27.6%	11.3%	(9.4)%	(33.9)%
2.62745%	15.9%	1.3%	(16.1)%	(38.6)%	(65.9)%
3.45000% and above	**	**	**	**	**

SECURITY GROUP 5

Sensitivity of Class JS to Prepayments
Assumed Price 13.25%*

LIBOR	PSA Prepayment Assumption Rates 100%	350%	625%	950%	1,300%
1.000%	33.4%	18.5%	1.0%	(21.7)%	(49.4)%
1.758%	26.9%	11.9%	(5.8)%	(28.8)%	(57.0)%
3.904%	8.5%	(6.7)%	(24.9)%	(49.0)%	(79.7)%
6.050% and above	**	**	**	**	**

Sensitivity of Class SJ to Prepayments
Assumed Price 5.3125%*

LIBOR	PSA Prepayment Assumption Rates 100%	350%	625%	950%	1,300%
1.000%	42.7%	27.9%	10.5%	(11.9)%	(39.0)%
1.758%	26.3%	11.3%	(6.4)%	(29.5)%	(57.7)%
2.604%	8.2%	(7.0)%	(25.2)%	(49.4)%	(80.1)%
3.450% and above	**	**	**	**	**

SECURITY GROUP 6

Sensitivity of Class KI to Prepayments
Assumed Price 15.78125%*

PSA Prepayment Assumption Rates 150%	185%	365%	400%	571%
10.8%	10.8%	10.8%	9.4%	0.0%

* 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.

Sensitivity of Class KS to Prepayments
Assumed Price 13.681234%*

LIBOR	PSA Prepayment Assumption Rates 150%	185%	365%	400%
1.000%	29.0%	27.4%	19.5%	17.8%
1.800%	22.2%	20.5%	12.4%	10.7%
3.925%	4.2%	2.4%	(6.5)%	(8.5)%
6.050% and above	**	**	**	**

Sensitivity of Class SH to Prepayments
Assumed Price 13.125%*

LIBOR	PSA Prepayment Assumption Rates 150%	185%	365%	400%
1.000%	31.8%	30.0%	20.6%	18.7%
1.800%	24.8%	22.9%	13.2%	11.3%
3.925%	6.0%	4.1%	(6.3)%	(8.4)%
6.050% and above	**	**	**	**

Sensitivity of Class SK to Prepayments
Assumed Price 16.25%*

LIBOR	PSA Prepayment Assumption Rates 150%	185%	365%	400%
1.000%	15.8%	15.8%	15.8%	14.6%
1.800%	9.7%	9.7%	9.7%	8.4%
3.925%	(7.1)%	(7.1)%	(7.1)%	(8.9)%
6.050% and above	**	**	**	**

SECURITY GROUP 7

Sensitivity of Class DS to Prepayments
Assumed Price 16.1875%*

LIBOR	CPR Prepayment Assumption Rates 5%	10%	15%	20%
1.00000%	24.4%	19.0%	14.6%	9.0%
1.72363%	19.4%	14.1%	9.7%	4.2%
3.91182%	4.0%	(1.2)%	(5.6)%	(10.7)%
6.10000% 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 GS to Prepayments
Assumed Price 16.9375%*

LIBOR	CPR Prepayment Assumption Rates			
	10%	15%	25%	30%
1.00000%	17.8%	11.8%	(0.8)%	(7.5)%
1.72363%	13.3%	7.3%	(5.1)%	(11.6)%
3.91182%	(1.0)%	(6.5)%	(18.2)%	(24.3)%
6.10000% and above	**	**	**	**

Sensitivity of Class SB to Prepayments
Assumed Price 16.9375%*

LIBOR	CPR Prepayment Assumption Rates			
	10%	15%	25%	30%
1.00000%	17.9%	16.4%	4.1%	(2.6)%
1.72363%	12.8%	11.4%	(0.8)%	(7.3)%
3.91182%	(3.4)%	(3.8)%	(15.5)%	(21.7)%
6.10000% and above	**	**	**	**

Sensitivity of Class SG to Prepayments
Assumed Price 16.9375%*

LIBOR	CPR Prepayment Assumption Rates			
	10%	15%	25%	30%
1.00000%	17.9%	12.8%	0.3%	(6.4)%
1.72363%	13.2%	8.3%	(4.1)%	(10.6)%
3.91182%	(1.4)%	(5.9)%	(17.5)%	(23.7)%
6.10000% and above	**	**	**	**

Sensitivity of Class TG to Prepayments
Assumed Price 0.3125%*

LIBOR	CPR Prepayment Assumption Rates			
	10%	15%	25%	30%
6.10% and below	20.0%	13.9%	1.2%	(5.5)%
6.15%	2.6%	(3.0)%	(14.9)%	(21.1)%
6.20% 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 9

Sensitivity of Class GI to Prepayments
Assumed Price 14.3125%*

CPR Prepayment Assumption Rates				
10%	15%	19%	25%	30%
13.3%	6.5%	0.7%	(8.8)%	(17.4)%

Sensitivity of Class HI to Prepayments
Assumed Price 14.3125%*

CPR Prepayment Assumption Rates				
10%	15%	17%	25%	30%
9.8%	3.3%	0.7%	(10.0)%	(16.8)%

Sensitivity of Class IH to Prepayments
Assumed Price 14.3125%*

CPR Prepayment Assumption Rates				
10%	15%	17%	25%	30%
10.3%	3.7%	1.1%	(9.9)%	(16.9)%

SECURITY GROUP 10

Sensitivity of Class SD to Prepayments
Assumed Price 18.6875%*

	CPR Prepayment Assumption Rates			
LIBOR	10%	15%	25%	30%
1.00000%	14.9%	9.0%	(3.5)%	(10.0)%
1.72363%	10.8%	4.9%	(7.3)%	(13.8)%
3.96182%	(2.6)%	(8.1)%	(19.7)%	(25.7)%
6.20000% and above	**	**	**	**

SECURITY GROUP 11

Sensitivity of Class HS to Prepayments
Assumed Price 14.84375%*

	CPR Prepayment Assumption Rates			
LIBOR	5%	10%	15%	20%
1.00000%	27.5%	22.0%	17.2%	11.4%
1.72363%	22.1%	16.6%	11.8%	6.2%
3.88682%	5.7%	0.3%	(4.3)%	(9.6)%
6.05000% 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.

Sensitivity of Class HT to Prepayments
Assumed Price 0.15625%*

	CPR Prepayment Assumption Rates			
LIBOR	**5%**	**10%**	**15%**	**20%**
6.050% and below	24.4%	19.4%	16.0%	10.7%
6.075%	6.0%	0.9%	(2.5)%	(7.4)%
6.100% 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 Orrick, Herrington & Sutcliffe 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 is 250% PSA in the case of the Group 1 Securities, 300% PSA in the case of the Group 2 Securities, 350% PSA in the case of the Group 3 Securities, 625% PSA in the case of the Group 4 and 5 Securities, 185% PSA in the case of the Group 6 Securities, 10% CPR in the case of the Group 7 and 11 Securities and 15% CPR in the case of the Group 8, 9 and 10 Securities (as described in "Yield, Maturity and Prepayment Considerations" in this Supplement). In the case of the Floating Rate and Inverse 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 LIBOR 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.

Under Code Section 451(b), taxpayers using an accrual method of accounting for tax purposes generally will be required to include certain amounts in income no later than the time such amounts are reflected on certain financial statements. Under proposed Treasury regulations on which taxpayers generally may rely, the timing of inclusion of market discount and original issue discount (including de minimis market discount and original issue discount) generally would not be affected by Code Section 451(b). Prospective investors in Regular Securities that use an accrual method of accounting for tax purposes are urged to consult with their tax advisors regarding the potential applicability of Code Section 451(b) and the proposed Treasury regulations to their particular situation.

In the case of any Trust REMIC that is considered to be a "single-class REMIC" under temporary Treasury regulations, certain fees and expenses of the single-class REMIC would be allocated proportionately among the Regular Securities and Residual Securities of such Trust REMIC. An individual, trust or estate that holds Regular Securities in a single-class REMIC (directly or indirectly through a grantor trust, a partnership, an S corporation, a common trust fund, or a nonpublicly offered RIC) generally will not be eligible to deduct its allocable share of fees or expenses of a single-class REMIC under Section 212 of the Code for any taxable year beginning before January 1, 2026. For a discussion of single-class REMICs, see "Certain United States Federal Income Tax Consequences — Tax Treatment of Regular Securities — Single Class REMICs" in the Base Offering Circular, as modified by the previous sentence. Prospective investors in the Regular Securities are urged to consult with their tax advisors regarding the potential applicability of these rules to their particular situation.

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, *i.e.*, the Class RR 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.

OID accruals on the Underlying Certificates will be computed using the same prepayment assumption as set forth under "Certain United States Federal Income Tax Consequences — Regular Securities" in this Supplement.

An individual, trust or estate that holds Residual Securities (directly or indirectly through a grantor trust, a partnership, an S corporation, a common trust fund, or a nonpublicly offered RIC) generally will not be eligible to deduct its allocable share of the Trust REMICs' fees or expenses under Section 212 of the Code for any taxable year beginning before January 1, 2026. Prospective investors in Residual Securities are urged to consult with their tax advisors regarding the potential applicability of this legislation to their particular situation.

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.*

In the case of certain Holders of MX Securities that use an accrual method of accounting, these tax consequences are modified by newly enacted legislation as described above for a Holder of Regular Securities. Prospective investors in MX Securities that use an accrual method of accounting for tax purposes are urged to consult with their tax advisors regarding the potential applicability of this legislation to their particular situation.

Foreign Account Tax Compliance Act

The Service has issued proposed regulations, on which taxpayers may rely, that exclude gross proceeds from the sale or other disposition of Regular or MX Securities from the application of the withholding tax imposed under FATCA and related administrative guidance. For a discussion of FATCA, *see "Certain United States Federal Income Tax Consequences — 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.

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.

Fiduciaries of any such plans should consult with their counsel before purchasing any of the Securities. In addition, because the Sponsor or the Co-Sponsor or any of their respective affiliates may receive certain benefits in connection with the sale or holding of the Regular or MX Securities, the purchase of the Regular or MX Securities using Plan assets over which any of these parties or their affiliates has discretionary authority or control, or renders "investment advice" (within the meaning of a Department of Labor regulation) for a fee with respect to the assets of a Plan, or is the employer or other sponsor of the Plan, might be deemed to be a violation of a provision of Title I of ERISA or Section 4975 of the Code. Accordingly, the Regular or MX Securities may not be purchased using the assets of any Plan if the Sponsor or the Co-Sponsor or any of their respective affiliates has discretionary authority or control or renders investment advice for a fee with respect to the assets of the Plan, or is the employer or other sponsor of the Plan, unless an applicable prohibited transaction exemption is available to cover the purchase or holding of the Regular or MX Securities or the transaction is not otherwise prohibited.

Prospective Plan Investors should consult with their advisors, however, 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.

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) November 1, 2019 on the Fixed Rate Classes and (2) November 20, 2019 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 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 Orrick, Herrington & Sutcliffe LLP, New York, New York and Marcell Solomon & Associates P.C. and for the Trustee by Nixon Peabody 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 or Class Notional Balance(2)**	**Principal Type(3)**	**Interest Rate**	**Interest Type(3)**	**CUSIP Number**	**Final Distribution Date(4)**
Security Group 1								
Combination 1(5)								
B	$50,000,000	BA	$50,000,000	PT	2.75%	FIX	38382AB53	November 2049
		BC	50,000,000	PT	3.00	FIX	38382AB61	November 2049
		BD	50,000,000	PT	3.25	FIX	38382AB79	November 2049
		BE	50,000,000	PT	2.00	FIX	38382AB87	November 2049
		BG	50,000,000	PT	2.25	FIX	38382AB95	November 2049
		BH	50,000,000	PT	2.50	FIX	38382AC29	November 2049
		BI	21,428,571	NTL(PT)	3.50	FIX/IO	38382AC37	November 2049
Security Group 6								
Combination 2								
FH	$29,864,582	KF	$36,331,381	PT/PAC/AD	(6)	FLT	38382AC45	November 2049
FK	6,466,799							
Combination 3								
SH	$29,864,582	KS	$36,331,381	NTL(PT/PAC/AD)	(6)	INV/IO	38382AC52	November 2049
SK	6,466,799							
Security Group 8								
Combination 4								
GS	$28,344,859	SG	$36,311,386	NTL(SC/PT)	(6)	INV/IO	38382AC60	September 2049
SB	7,966,527							
Security Group 9								
Combination 5								
GI	$ 864,895	IH	$ 7,074,744	NTL(SC/PT)	4.00%	FIX/IO	38382AC78	January 2049
HI	6,209,849							

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

(2) The amount shown for each MX Class represents the maximum Original Class Principal Balance (or original Class Notional 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) In the case of Combination 1, various subcombinations are permitted. *See "Description of the Securities — Modification and Exchange" in the Base Offering Circular for a discussion of subcombinations.*

(6) The Interest Rate will be calculated as described under "Terms Sheet — Interest Rates" in this Supplement.

Schedule II

SCHEDULED PRINCIPAL BALANCES

Distribution Date	Classes FK, KA and KB (in the aggregate)
Initial Balance	$45,267,594.00
December 2019	45,093,159.67
January 2020	44,903,436.70
February 2020	44,698,490.37
March 2020	44,478,397.69
April 2020	44,243,247.28
May 2020	43,993,139.43
June 2020	43,728,185.93
July 2020	43,448,510.05
August 2020	43,154,246.41
September 2020	42,845,540.90
October 2020	42,522,550.51
November 2020	42,185,443.22
December 2020	41,834,397.82
January 2021	41,469,603.76
February 2021	41,091,260.96
March 2021	40,699,579.59
April 2021	40,294,779.87
May 2021	39,877,091.86
June 2021	39,446,755.18
July 2021	39,004,018.80
August 2021	38,549,140.76
September 2021	38,082,387.86
October 2021	37,604,035.43
November 2021	37,114,366.98
December 2021	36,613,673.92
January 2022	36,102,255.23
February 2022	35,580,417.10
March 2022	35,062,436.83
April 2022	34,548,281.83
May 2022	34,037,919.76
June 2022	33,531,318.56
July 2022	33,028,446.40
August 2022	32,529,271.70
September 2022	32,033,763.13
October 2022	31,541,889.61
November 2022	31,053,620.30
December 2022	30,568,924.58
January 2023	30,087,772.10
February 2023	29,610,132.73
March 2023	29,135,976.58
April 2023	28,665,273.98
May 2023	28,197,995.52
June 2023	27,734,111.99
July 2023	27,273,594.42

Distribution Date	Classes FK, KA and KB (in the aggregate)
August 2023	$26,816,414.06
September 2023	26,362,542.40
October 2023	25,911,951.14
November 2023	25,464,612.19
December 2023	25,020,497.70
January 2024	24,579,580.02
February 2024	24,141,831.73
March 2024	23,707,225.61
April 2024	23,275,734.66
May 2024	22,847,332.09
June 2024	22,421,991.31
July 2024	21,999,685.95
August 2024	21,580,389.83
September 2024	21,164,076.99
October 2024	20,750,721.65
November 2024	20,340,298.26
December 2024	19,932,781.44
January 2025	19,528,146.03
February 2025	19,126,367.05
March 2025	18,727,419.71
April 2025	18,331,279.44
May 2025	17,937,921.83
June 2025	17,547,322.68
July 2025	17,159,457.96
August 2025	16,779,715.27
September 2025	16,408,201.00
October 2025	16,044,739.48
November 2025	15,689,158.74
December 2025	15,341,290.47
January 2026	15,000,969.88
February 2026	14,668,035.70
March 2026	14,342,330.05
April 2026	14,023,698.37
May 2026	13,711,989.40
June 2026	13,407,055.07
July 2026	13,108,750.42
August 2026	12,816,933.58
September 2026	12,531,465.68
October 2026	12,252,210.77
November 2026	11,979,035.80
December 2026	11,711,810.52
January 2027	11,450,407.45
February 2027	11,194,701.80
March 2027	10,944,571.42
April 2027	10,699,896.77
May 2027	10,460,560.82
June 2027	10,226,449.03

Distribution Date	Classes FK, KA and KB (in the aggregate)
July 2027	$ 9,997,449.28
August 2027	9,773,451.84
September 2027	9,554,349.29
October 2027	9,340,036.51
November 2027	9,130,410.59
December 2027	8,925,370.82
January 2028	8,724,818.60
February 2028	8,528,657.46
March 2028	8,336,792.95
April 2028	8,149,132.64
May 2028	7,965,586.05
June 2028	7,786,064.64
July 2028	7,610,481.74
August 2028	7,438,752.52
September 2028	7,270,793.96
October 2028	7,106,524.79
November 2028	6,945,865.50
December 2028	6,788,738.24
January 2029	6,635,066.82
February 2029	6,484,776.69
March 2029	6,337,794.87
April 2029	6,194,049.93
May 2029	6,053,471.99
June 2029	5,915,992.62
July 2029	5,781,544.88
August 2029	5,650,063.23
September 2029	5,521,483.54
October 2029	5,395,743.05
November 2029	5,272,780.33
December 2029	5,152,535.26
January 2030	5,034,949.02
February 2030	4,919,964.02
March 2030	4,807,523.90
April 2030	4,697,573.53
May 2030	4,590,058.94
June 2030	4,484,927.30
July 2030	4,382,126.93
August 2030	4,281,607.24
September 2030	4,183,318.73
October 2030	4,087,212.95
November 2030	3,993,242.49
December 2030	3,901,360.96
January 2031	3,811,522.95
February 2031	3,723,684.03
March 2031	3,637,800.73
April 2031	3,553,830.48
May 2031	3,471,731.65

Distribution Date	Classes FK, KA and KB (in the aggregate)
June 2031	$ 3,391,463.49
July 2031	3,312,986.13
August 2031	3,236,260.54
September 2031	3,161,248.55
October 2031	3,087,912.79
November 2031	3,016,216.70
December 2031	2,946,124.48
January 2032	2,877,601.14
February 2032	2,810,612.42
March 2032	2,745,124.78
April 2032	2,681,105.42
May 2032	2,618,522.25
June 2032	2,557,343.84
July 2032	2,497,539.48
August 2032	2,439,079.07
September 2032	2,381,933.20
October 2032	2,326,073.06
November 2032	2,271,470.48
December 2032	2,218,097.90
January 2033	2,165,928.33
February 2033	2,114,935.38
March 2033	2,065,093.23
April 2033	2,016,376.60
May 2033	1,968,760.77
June 2033	1,922,221.54
July 2033	1,876,735.25
August 2033	1,832,278.74
September 2033	1,788,829.34
October 2033	1,746,364.88
November 2033	1,704,863.67
December 2033	1,664,304.49
January 2034	1,624,666.57
February 2034	1,585,929.59
March 2034	1,548,073.68
April 2034	1,511,079.39
May 2034	1,474,927.68
June 2034	1,439,599.95
July 2034	1,405,077.98
August 2034	1,371,343.95
September 2034	1,338,380.44
October 2034	1,306,170.38
November 2034	1,274,697.09
December 2034	1,243,944.25
January 2035	1,213,895.88
February 2035	1,184,536.37
March 2035	1,155,850.43
April 2035	1,127,823.11

Distribution Date	Classes FK, KA and KB (in the aggregate)
May 2035	$ 1,100,439.77
June 2035	1,073,686.12
July 2035	1,047,548.15
August 2035	1,022,012.16
September 2035	997,064.77
October 2035	972,692.85
November 2035	948,883.60
December 2035	925,624.48
January 2036	902,903.20
February 2036	880,707.78
March 2036	859,026.48
April 2036	837,847.80
May 2036	817,160.52
June 2036	796,953.65
July 2036	777,216.44
August 2036	757,938.38
September 2036	739,109.18
October 2036	720,718.79
November 2036	702,757.36
December 2036	685,215.26
January 2037	668,083.10
February 2037	651,351.65
March 2037	635,011.92
April 2037	619,055.09
May 2037	603,472.54
June 2037	588,255.86
July 2037	573,396.79
August 2037	558,887.28
September 2037	544,719.44
October 2037	530,885.56
November 2037	517,378.09
December 2037	504,189.67
January 2038	491,313.07
February 2038	478,741.24
March 2038	466,467.28
April 2038	454,484.44
May 2038	442,786.11
June 2038	431,365.86
July 2038	420,217.35
August 2038	409,334.43
September 2038	398,711.05
October 2038	388,341.30
November 2038	378,219.42
December 2038	368,339.76
January 2039	358,696.79
February 2039	349,285.12
March 2039	340,099.46

Distribution Date	Classes FK, KA and KB (in the aggregate)
April 2039	$ 331,134.67
May 2039	322,385.67
June 2039	313,847.54
July 2039	305,515.46
August 2039	297,384.69
September 2039	289,450.62
October 2039	281,708.75
November 2039	274,154.65
December 2039	266,784.02
January 2040	259,592.62
February 2040	252,576.35
March 2040	245,731.15
April 2040	239,053.10
May 2040	232,538.32
June 2040	226,183.06
July 2040	219,983.63
August 2040	213,936.42
September 2040	208,037.90
October 2040	202,284.64
November 2040	196,673.27
December 2040	191,200.49
January 2041	185,863.08
February 2041	180,657.90
March 2041	175,581.87
April 2041	170,631.98
May 2041	165,805.29
June 2041	161,098.94
July 2041	156,510.10
August 2041	152,036.03
September 2041	147,674.05
October 2041	143,421.53
November 2041	139,275.91
December 2041	135,234.68
January 2042	131,295.38
February 2042	127,455.63
March 2042	123,713.07
April 2042	120,065.42
May 2042	116,510.45
June 2042	113,045.96
July 2042	109,669.81
August 2042	106,379.93
September 2042	103,174.26
October 2042	100,050.81
November 2042	97,007.63
December 2042	94,042.81
January 2043	91,154.49
February 2043	88,340.86

Distribution Date	Classes FK, KA and KB (in the aggregate)
March 2043	$ 85,600.12
April 2043	82,930.54
May 2043	80,330.42
June 2043	77,798.11
July 2043	75,331.97
August 2043	72,930.43
September 2043	70,591.92
October 2043	68,314.95
November 2043	66,098.02
December 2043	63,939.70
January 2044	61,838.56
February 2044	59,793.24
March 2044	57,802.37
April 2044	55,864.65
May 2044	53,978.78
June 2044	52,143.51
July 2044	50,357.61
August 2044	48,619.87
September 2044	46,929.13
October 2044	45,284.23
November 2044	43,684.06
December 2044	42,127.53
January 2045	40,613.56
February 2045	39,141.11
March 2045	37,709.16
April 2045	36,316.72
May 2045	34,962.81
June 2045	33,646.48
July 2045	32,366.81
August 2045	31,122.88
September 2045	29,913.81
October 2045	28,738.73
November 2045	27,596.81
December 2045	26,487.21
January 2046	25,409.12
February 2046	24,361.77
March 2046	23,344.38
April 2046	22,356.20
May 2046	21,396.50
June 2046	20,464.57
July 2046	19,559.69
August 2046	18,681.19
September 2046	17,828.41
October 2046	17,000.69
November 2046	16,197.39
December 2046	15,417.90
January 2047	14,661.61

Distribution Date	Classes FK, KA and KB (in the aggregate)
February 2047	$ 13,927.93
March 2047	13,216.27
April 2047	12,526.08
May 2047	11,856.81
June 2047	11,207.91
July 2047	10,578.86
August 2047	9,969.15
September 2047	9,378.29
October 2047	8,805.77
November 2047	8,251.13
December 2047	7,713.89
January 2048	7,193.61
February 2048	6,689.84
March 2048	6,202.15
April 2048	5,730.12
May 2048	5,273.33
June 2048	4,831.38
July 2048	4,403.89
August 2048	3,990.46
September 2048	3,590.72
October 2048	3,204.31
November 2048	2,830.87
December 2048	2,470.06
January 2049	2,121.53
February 2049	1,784.96
March 2049	1,460.02
April 2049	1,146.39
May 2049	843.78
June 2049	551.88
July 2049	270.40
August 2049 and thereafter	0.00

Exhibit A

Underlying Certificates

Trust Asset Group or Subgroup	Issuer	Series	Class	Issue Date	CUSIP Number	Interest Rate	Interest Type(1)	Final Distribution Date	Principal Type(1)	Original Notional Balance of Class	Underlying Certificate Factor(2)	Notional Balance in Trust	Percentage of Class in Trust	Approximate Weighted Average Coupon of Mortgage Loans(3)	Approximate Weighted Average Remaining Term to Maturity of Mortgage Loans (in months)(3)	Approximate Weighted Average Loan Age of Mortgage Loans (in months)(3)	Ginnie Mae I or II
2A	Ginnie Mae	2015-063	SN(4)(5)(6)	May 29, 2015	38379PGL5	(7)	INV/IO	May 2045	NTL(PT)	$ 40,000,000	0.52915040	$21,166,016	100.0000000000%	(6)	(6)	(6)	II
2B	Ginnie Mae	2019-022	SC(5)(8)	February 28, 2019	38381RDZ9	(7)	INV/IO	April 2046	NTL(SC/PT)	69,562,130	0.87941438	61,173,937	100.0000000000	(8)	(8)	(8)	II
7	Ginnie Mae	2019-099	MS(5)	August 30, 2019	38381XUH7	(7)	INV/IO	August 2049	NTL(PT)	24,838,717	0.99352449	14,742,629	59.7402716090	4.563%	354	5	II
7	Ginnie Mae	2019-100	MS(4)(5)	August 30, 2019	38381XV29	(7)	INV/IO	August 2049	NTL(PT/PAC/AD)	71,775,027	0.99309674	24,827,418	34.8310562112	4.553	355	4	II
8A	Ginnie Mae	2017-149	SC(5)	October 30, 2017	38380HQU9	(7)	INV/IO	October 2047	NTL(PT)	37,499,999	0.75586294	28,344,859	100.0000000000	4.929	329	27	II
8B	Ginnie Mae	2019-115	ES(5)	September 30, 2019	38381YUE2	(7)	INV/IO	September 2049	NTL(PAC/AD)	43,252,875	0.99581593	7,966,527	18.4958803317	4.993	356	3	II
9A	Ginnie Mae	2019-005	MI(5)(9)	January 30, 2019	38381BE34	4.0%	FIX/IO	January 2049	NTL(SC/PT)	7,048,085	0.88106901	6,209,849	100.0000000000	(9)	(9)	(9)	(9)
9B	Ginnie Mae	2015-111	IM	August 28, 2015	38379MNK6	4.0	FIX/IO	August 2045	NTL(PAC/AD)	157,631,172	0.43244769	864,895	1.2687845777	4.369	298	56	II
10	Ginnie Mae	2017-091	SM(5)	June 30, 2017	38376M4U8	(7)	INV/IO	June 2047	NTL(PT)	18,206,995	0.80182399	7,299,402	49.9999972538	4.427	327	30	II
10	Ginnie Mae	2017-163	HS(4)(5)	November 30, 2017	38380KSX4	(7)	INV/IO	November 2047	NTL(PT)	54,384,031	0.83760932	678,463	1.4894078006	4.425	331	25	II
10	Ginnie Mae	2017-177	SA(5)	November 30, 2017	38380KXB6	(7)	INV/IO	November 2047	NTL(PT)	12,000,000	0.78431564	4,705,894	50.0000000000	4.354	331	26	II
10	Ginnie Mae	2018-048	SA(5)	April 30, 2018	38380WNV7	(7)	INV/IO	April 2048	NTL(PT)	51,396,455	0.84894051	5,235,903	11.9999988326	4.429	326	24	II
10	Ginnie Mae	2019-117	LS(4)(5)(10)	September 30, 2019	38381YSM7	(7)	INV/IO	November 2045	NTL(SC/PT)	11,146,210	0.96706744	10,779,137	100.0000000000	(10)	(10)	(10)	II
11A	Ginnie Mae	2019-100	MS(4)(5)	August 30, 2019	38381XV29	(7)	INV/IO	August 2049	NTL(PT/PAC/AD)	71,775,027	0.99309674	16,659,224	23.3716763353	4.553	355	4	II
11B	Ginnie Mae	2019-120	GS(5)	September 30, 2019	38381YTC8	(7)	INV/IO	September 2049	NTL(PT)	17,153,196	0.99361403	17,043,656	100.0000000000	4.557	355	4	II

(1) As defined under "Class Types" in Appendix I to the Base Offering Circular.

(2) Underlying Certificate Factors are as of November 2019.

(3) Based on information as of November 2019.

(4) MX Class.

(5) More than 10% of the Mortgage Loans underlying this Underlying Certificate may be higher balance Mortgage Loans. *See "Risk Factors" in this Supplement.*

(6) Class SN is an MX Class that is derived from REMIC Classes of separate Security Groups, Class MS from Security Group 9 and Class NS from Security Group 10. Class MS and Class NS are backed by certain mortgage loans whose approximate weighted average characteristics are as follows:

Series	Class	Approximate Weighted Average Coupon of Mortgage Loans(3)	Approximate Weighted Average Remaining Term to Maturity of Mortgage Loans (in months)(3)	Approximate Weighted Average Loan Age of Mortgage Loans (in months)(3)
2015-063	MS	4.359	296	55
2015-063	NS	4.356	300	55

(7) The Interest Rate will be calculated as described under "Terms Sheet – Interest Rates" in the related Underlying Certificate Disclosure Document.

(8) Class SC is backed by a previously issued MX Certificate, Class SK from Ginnie Mae 2015-144, and a previously issued REMIC Certificate, Class SB from Ginnie Mae 2018-076. Class SB is in turn backed by previously issued REMIC Certificates, Class KS from Ginnie Mae 2015-099 and Class SA from Ginnie Mae 2016-049. These previously issued certificates are backed by certain mortgage loans whose approximate weighted average characteristics are as follows:

Series	Class	Approximate Weighted Average Coupon of Mortgage Loans(3)	Approximate Weighted Average Remaining Term to Maturity of Mortgage Loans (in months)(3)	Approximate Weighted Average Loan Age of Mortgage Loans (in months)(3)
2015-099	KS	4.364	300	53
2015-144	SK	4.365	302	51
2016-049	SA	4.384	307	45

(9) Class MI is a REMIC Class that is related to Trust Asset Subgroups 11A and 11C. Subgroup 11C is backed by a previously issued REMIC Certificate, Class B from Ginnie Mae 2018-135. Class B is in turn backed by a previously issued MX Certificate, Class PC from Ginnie Mae 2014-006. The Trust Asset Subgroup and previously issued certificate are backed by certain mortgage loans whose approximate weighted average characteristics are as follows:

Series	Class or Trust Asset Subgroup	Approximate Weighted Average Coupon of Mortgage Loans(3)	Approximate Weighted Average Remaining Term to Maturity of Mortgage Loans (in months)(3)	Approximate Weighted Average Loan Age of Mortgage Loans (in months)(3)	Ginnie Mae I or II
2014-006	PC	4.500	250	100	I
2019-005	11A	4.456	192	152	II

(10) Class LS is an MX Class backed by a previously issued REMIC Certificate, Class HS from Ginnie Mae 2014-131, and a previously issued MX Certificate, Class IM from Ginnie Mae 2015-162. Class IM is an MX Class that is derived from REMIC Classes of separate Security Groups and a Subgroup. The Trust Asset Groups and Subgroup and previously issued certificates are backed by certain mortgage loans whose approximate weighted average characteristics are as follows:

Series	Class or Trust Asset Group or Subgroup	Approximate Weighted Average Coupon of Mortgage Loans(3)	Approximate Weighted Average Remaining Term to Maturity of Mortgage Loans (in months)(3)	Approximate Weighted Average Loan Age of Mortgage Loans (in months)(3)
2014-131	HS	4.310	288	63
2015-162	2A	4.401	302	50
2015-162	6	4.401	302	50
2015-162	10	4.384	304	49

$600,427,082

Government National Mortgage Association

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Guaranteed REMIC Pass-Through Securities and MX Securities
Ginnie Mae REMIC Trust 2019-143

OFFERING CIRCULAR SUPPLEMENT
November 22, 2019

BofA Securities
Tribal Capital Markets, LLC