# Government National Mortgage Association GINNIE MAE ${ }^{\circledR}$ 

Guaranteed REMIC Pass-Through Securities and MX Securities<br>Ginnie Mae REMIC Trust 2003-113

> 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-6 which highlights some of these risks.

## The Securities

The Trust will issue the Classes of Securities listed on the inside front cover.

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 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 December 30, 2003.

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.

## Citigroup

## Williams Capital Group, L.P.

## Ginnie Mae REMIC Trust 2003-113

The Trust will issue the classes of securities listed in the table below. If you own exchangeable securities identified in the table, you can exchange them for the corresponding MX Securities, and vice versa.

| Class of REMIC Securities | Original <br> Principal Balance(2) | Interest Rate | $\begin{aligned} & \text { Principal } \\ & \text { Type(3) } \\ & \hline \end{aligned}$ | Interest Type(3) | $\begin{gathered} \begin{array}{c} \text { Final Distribution } \\ \text { Date(4) } \end{array} \\ \hline \end{gathered}$ | CUSIP <br> Number |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Security Group 1 |  |  |  |  |  |  |
| A (1) | \$472,640,000 | 4.50\% | SEQ / AD | FIX | August 2026 | $38374 \mathrm{EG68}$ |
| VA (1) | 64,680,000 | 4.50 | AD/SEQ | FIX | January 2015 | 38374 EG 76 |
| VB(1) | 61,880,000 | 4.50 | SEQ / AD | FIX | February 2022 | 38374 EG 84 |
| ZA | 100,800,000 | 4.50 | SEQ | FIX / Z | December 2033 | $38374 \mathrm{EG92}$ |
| Security Group 2 |  |  |  |  |  |  |
| NA(1) | 81,978,841 | 4.50 | SC/SEQ | FIX | October 2032 | 38374 EH 26 |
| NC(1) | 12,222,223 | 4.50 | SC/SEQ | FIX | October 2032 | 38374 EH 34 |
| Residual |  |  |  |  |  |  |
| R | 0 | 0.00 | NPR | NPR | December 2033 | 38374 EH 42 |

(1) These Securities may be exchanged for MX Securities described in Schedule I.
(2) Subject to increase as described under "Increase in Size" in this Supplement.
(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.

## 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 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 JPMorgan Chase Bank, 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 JPMorgan Chase Bank 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.

## TABLE OF CONTENTS

|  | Page |
| :---: | :---: |
| Terms Sheet | S-4 |
| Risk Factors | S-6 |
| The Trust Assets | S-7 |
| Ginnie Mae Guaranty | S-9 |
| Description of the Securities | S-9 |
| Yield, Maturity and Prepayment Considerations | S-13 |
| Certain Federal Income Tax |  |
| Consequences . ...... | S-22 |
| ERISA Matters | S-24 |

## 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: Citigroup Global Markets Inc.
Trustee: Wells Fargo Bank, N.A.
Tax Administrator: The Trustee
Closing Date: December 30, 2003
Distribution Dates: For the Group 1 Securities, the 16th day of each month or, if the 16th day is not a Business Day, the first Business Day thereafter, commencing in January 2004. For the Group 2 Securities, the 20th day of each month or, if the 20th day is not a Business Day, the first Business Day thereafter, commencing in January 2004.

Trust Assets:

| Trust <br> Asset <br> Group | Trust Asset Type | Certificate Rate | Original Term <br> To Maturity <br> (in years) |  |
| :---: | :---: | :---: | :---: | :---: |
| 1 | Ginnie Mae I | $4.5 \%$ <br> 2 | Underlying Certificates |  |

${ }^{(1)}$ Certain information regarding the Underlying Certificates is set forth in Exhibits A and B to this Supplement.

Security Groups: This series of Securities consists of multiple Security Groups (each, a "Group"), as shown on the inside 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 Trust Assets ${ }^{1}$ :


The actual remaining terms to maturity and loan ages of many of the Mortgage Loans underlying the Group 1 Trust Assets will differ from the weighted averages shown above, perhaps significantly. See "The Trust Assets - The Mortgage Loans" in this Supplement. See Exhibit A to this Supplement for certain information regarding the characteristics of the Mortgage Loans included in the 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 a Principal Only or Interest Only Class. See "Description of the Securities - Form of Securities" in this Supplement.

Interest Rates: The Interest Rates are shown on the inside cover page of this Supplement or on Schedule I to this Supplement.

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

## SECURITY GROUP 1

A percentage of the Group 1 Principal Distribution Amount will be applied to the Trustee Fee, and the remainder of the Group 1 Principal Distribution Amount (the "Group 1 Adjusted Principal Distribution Amount") and the ZA Accrual Amount will be allocated as follows:

- The ZA Accrual Amount, sequentially, to VA, VB, A and ZA, in that order, until retired
- The Group 1 Adjusted Principal Distribution Amount, sequentially, to A, VA, VB and ZA, in that order, until retired


## SECURITY GROUP 2

- The Group 2 Principal Distribution Amount will be allocated, sequentially, to NA and NC, in that order, until retired

Accrual Class: Interest will accrue on the Accrual Class identified on the inside 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 indicated:

| Class | $\begin{aligned} & \text { Original Class } \\ & \text { Notional Balance } \end{aligned}$ | Represents Approximately |
| :---: | :---: | :---: |
| AI | \$472,640,000 | 100\% of A (SEQ / AD Class) |
| BI | \$ 94,201,064 | 100\% of NA and NC (in the aggregate) (SC/SEQ Classes) |
| CI | \$ 12,222,223 | 100\% of NC (SC/SEQ Class) |
| NI | \$ 81,978,841 | 100\% of NA (SC/SEQ Class) |
| VI | $\begin{array}{r} \$ 534,520,000 \\ 64,680,000 \\ \hline \end{array}$ | $100 \%$ of A and VB (in the aggregate) (SEQ/AD Classes) $100 \%$ of VA (AD / SEQ Class) |
|  | \$599,200,000 |  |

Tax Status: Single REMIC Series. See "Certain Federal Income Tax Consequences" in this Supplement and in the Base Offering Circular.

Regular and Residual Classes: Class R is a Residual Class and is the Residual Interest of the Trust 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. 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.

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 (principal only securities, for example) 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.

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.

The rate of principal payments on the underlying certificates will directly affect the rate of principal payments on the group 2 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.

The principal entitlements of the underlying certificates included in trust asset group 2 on any payment date are calculated 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.

This supplement contains no information as to whether the underlying certificates have adhered to their 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.

The securities may not be a suitable investment for you. The securities, especially the group 2 securities and, in particular, the interest only, principal 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 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 prepayment 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 (Group 1)

The Group 1 Trust Assets are either:

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

Each Mortgage Loan underlying a Ginnie Mae I MBS Certificate bears interest at a Mortgage Rate $0.50 \%$ per annum greater than the related Certificate Rate. The difference between the Mortgage Rate and the Certificate Rate is used to pay the related servicers of the Mortgage Loans
a monthly servicing fee and Ginnie Mae a fee for its guaranty of the Ginnie Mae I MBS Certificate of $0.44 \%$ per annum and $0.06 \%$ per annum, respectively, of the outstanding principal balance of the Mortgage Loan.

## The Underlying Certificates (Group 2)

The Group 2 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, excerpts of which are attached as Exhibit B to this Supplement. 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 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 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, singlefamily, fixed rate, residential mortgage loans that are insured or guaranteed by the Federal Housing Administration, the United States Department of Veterans Affairs, 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 is not available. For purposes of this Supplement, certain assumptions have been made regarding the remaining terms to maturity and loan ages of the Mortgage Loans. However, the actual remaining terms to maturity and loan ages 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

On each Distribution Date, the Trustee will retain a fixed percentage of all principal and interest distributions received on specified Trust Assets in payment of its 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 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 principal or notional balance.

## Distributions

Distributions on the Securities will be made on each Distribution Date as specified under "Terms Sheet - Distribution Dates" 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 close of business on the last Business Day of the calendar month immediately preceding the month in which the Distribution Date occurs. 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 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 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 inside cover page of this Supplement and on Schedule I to this Supplement. The abbreviations used on the inside cover page and on Schedule I to this Supplement are explained under "Class Types" in Appendix I to the Base Offering Circular.

## Accrual Period

The Accrual Period for each Class is the calendar month preceding the related Distribution Date.

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

## Accrual Class

Class ZA 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 or the Adjusted Principal Distribution Amount for each Group, as applicable, and the ZA 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 inside cover page of this Supplement and on Schedule I to this Supplement. The abbreviations used on the inside cover page, in the Terms Sheet and on Schedule I to this supplement 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 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 R Securities will represent the beneficial ownership of the Residual Interest in the Trust REMIC. The Class R Securities have no Class Principal Balance and do not accrue interest. The Class R Securities will be entitled to receive the proceeds of the disposition of any assets remaining in the Trust REMIC after the Class Principal 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 applicable 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 the 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 e-Access.

See "Description of the Securities - Distributions" in the Base Offering Circular.

## Termination

The Trustee, at its option, may purchase or cause the sale of the Trust Assets and thereby terminate the Trust on any Distribution Date on which the aggregate of the Class Principal Balances of the Securities is less than $1 \%$ of the aggregate Original Class Principal Balances of the Securities. The Trustee will terminate the Trust and retire the Securities on any Distribution

Date upon the Trustee's determination that the REMIC status of the Trust REMIC has been lost or that a substantial risk exists that this status will be lost for the then current taxable year.

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 REMIC 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 inside cover page 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 Combinations 2, 3, 4,5 and 7, 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 Combinations 2, 3, 4, 5 and 7, the related Classes of 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 Securities or in other subcombinations of the 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 balance of the Securities to be included in the exchange and the proposed exchange date. The notice is required to be delivered to the Trustee in writing at its Corporate Trust Office at Wells Fargo Bank, N.A., 45 Broadway, 12th Floor, New York, New York 10006, Attention: Trust Administrator 2003-113. The Trustee may be contacted by telephone at (212) 515-5262 and by fax at (212) 509-1042.

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

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

See "Description of the Securities - Modification and Exchange" in the Base Offering Circular.

## YIELD, MATURITY AND PREPAYMENT CONSIDERATIONS

## General

The prepayment experience of the Mortgage Loans underlying the Trust Assets 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.

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 Securities are urged to review the discussion under "Risk Factors - The rate of principal payments on the underlying certificates will directly affect the rate of principal payments on the group 2 securities" in this Supplement.

## Accretion Directed Classes

Classes A, VA and VB 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 A and VB has the AD designation in the suffix position, rather than the prefix position, in its class principal type because it does not have principal payment stability through the applicable pricing prepayment assumption. Classes VA and VB will have principal payment stability only through the prepayment rate shown in the table below. Class A is not listed in the table below because, although it is entitled to receive payments from the related Accrual Amounts, it does not have principal payment stability through any prepayment rate significantly higher than 0\% PSA.

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

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


## Accretion Directed Classes

| Class | Maximum Weighted <br> Average Life <br> (in Years) | Final Distribution Date | Prepayment Rate <br> at or below |
| :--- | :---: | :---: | :---: |
|  | 6.0 | January 2015 | $138 \%$ PSA  <br> VB 14.8 |

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

## 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 inside cover page 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 Trust Assets have the assumed characteristics shown under "Assumed Characteristics of the Mortgage Loans Underlying the Group 1 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 Trust Asset is assumed to have an original and a remaining term to maturity of 360 months.
2. The Mortgage Loans prepay at the constant percentages of PSA (described below) shown in the related table.
3. Distributions on the Group 1 Securities are always received on the 16 th day of the month and distributions on the Group 2 Securities are always received on the 20 th day of the month, in each case, whether or not a Business Day, commencing in January 2004.
4. A termination of the Trust or the Underlying Trusts does not occur.
5. The Closing Date for the Securities is December 30, 2003.
6. No expenses or fees are paid by the Trust other than the Trustee Fee.
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 16 th or 20 th day of the month, as applicable, 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, if applicable, which may not reflect actual receipts on the Trust Assets.

See "Description of the Securities - Distributions" in the Base Offering Circular.

## Decrement Tables

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

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

The decrement tables set forth below illustrate the percentage of the Original Class Principal Balance (or, in the case of a Notional Class, the original Class Notional Balance) that would remain outstanding following the distribution made each specified month for each Regular or MX Class, based on the assumption that the related Mortgage Loans prepay at the

PSA Prepayment Assumption Rates. The percentages set forth in the following decrement tables have been rounded to the nearest whole percentage (including rounding down to zero).

The decrement tables also indicate the Weighted Average Life of each Class under each PSA Prepayment Assumption Rate. The Weighted Average Life of each Class is calculated by:
(a) multiplying the net reduction, if any, of the Class Principal Balance (or the net reduction of the Class Notional Balance, in the case of any 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 amount, 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 

| Distribution Date | Security Group 1 <br> PSA Prepayment Assumption Rates |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Classes A, AC, AD, AE, AG, AH, AI and AO |  |  |  |  | Class AB, AJ, AK, AL, AM, AN, AP and VI |  |  |  |  | Class vA |  |  |  |  |
|  | 0\% | 50\% | 100\% | 200\% | 300\% | 0\% | 50\% | 100\% | 200\% | 300\% | 0\% | 50\% | 100\% | 200\% | 300\% |
| Initial Percent | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| December 2004. | 98 | 96 | 95 | 92 | 88 | 98 | 96 | 95 | 93 | 90 | 93 | 93 | 93 | 93 | 93 |
| December 2005 | 96 | 91 | 86 | 77 | 68 | 95 | 91 | 87 | 80 | 73 | 85 | 85 | 85 | 85 | 85 |
| December 2006. | 93 | 84 | 76 | 60 | 46 | 92 | 85 | 78 | 66 | 55 | 78 | 78 | 78 | 78 | 78 |
| December 2007. | 91 | 78 | 66 | 45 | 27 | 89 | 79 | 70 | 53 | 39 | 69 | 69 | 69 | 69 | 69 |
| December 2008. | 88 | 71 | 57 | 32 | 12 | 86 | 73 | 62 | 42 | 27 | 61 | 61 | 61 | 61 | 61 |
| December 2009. | 85 | 65 | 49 | 21 | 0 | 83 | 67 | 54 | 33 | 16 | 52 | 52 | 52 | 52 | 52 |
| December 2010 | 82 | 59 | 41 | 11 | 0 | 80 | 62 | 47 | 24 | 8 | 42 | 42 | 42 | 42 | 0 |
| December 2011. | 79 | 54 | 33 | 3 | 0 | 76 | 56 | 40 | 16 | 0 | 33 | 33 | 33 | 33 | 0 |
| December 2012. | 76 | 48 | 26 | 0 | 0 | 73 | 50 | 33 | 9 | 0 | 22 | 22 | 22 | 0 | 0 |
| December 2013. | 72 | 42 | 20 | 0 | 0 | 69 | 45 | 27 | 3 | 0 | 12 | 12 | 12 | 0 | 0 |
| December 2014. | 69 | 37 | 14 | 0 | 0 | 65 | 39 | 21 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| December 2015. | 65 | 31 | 8 | 0 | 0 | 60 | 34 | 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| December 2016 | 61 | 26 | 3 | 0 | 0 | 56 | 28 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| December 2017. | 57 | 21 | 0 | 0 | 0 | 51 | 23 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| December 2018. | 52 | 16 | 0 | 0 | 0 | 46 | 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| December 2019. | 48 | 11 | 0 | 0 | 0 | 41 | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| December 2020. | 43 | 6 | 0 | 0 | 0 | 36 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| December 2021. | 38 | 1 | 0 | 0 | 0 | 30 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| December 2022. | 31 | 0 | 0 | 0 | 0 | 24 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| December 2023. | 23 | 0 | 0 | 0 | 0 | 18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| December 2024. | 14 | 0 | 0 | 0 | 0 | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| December 2025. | 6 | 0 | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| December 2026. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| December 2027. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| December 2028. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| December 2029. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| December 2030. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| December 2031. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| December 2032. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |  | 0 |
| December 2033. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Weighted Average Life (years) ... | 14.1 | 8.9 | 6.2 | 3.9 | 2.9 | 13.3 | 9.2 | 7.0 | 4.7 | 3.6 | 6.0 | 6.0 | 6.0 | 5.7 | 4.8 |


| $\underline{\text { Distribution Date }}$ | PSA Prepayment Assumption Rates |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Class VB |  |  |  |  | Class ZA |  |  |  |  |
|  | 0\% | 50\% | 100\% | 200\% | 300\% | 0\% | 50\% | 100\% | 200\% | 300\% |
| Initial Percent | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| December 2004 | 100 | 100 | 100 | 100 | 100 | 105 | 105 | 105 | 105 | 105 |
| December 2005. | 100 | 100 | 100 | 100 | 100 | 109 | 109 | 109 | 109 | 109 |
| December 2006. | 100 | 100 | 100 | 100 | 100 | 114 | 114 | 114 | 114 | 114 |
| December 2007. | 100 | 100 | 100 | 100 | 100 | 120 | 120 | 120 | 120 | 120 |
| December 2008. | 100 | 100 | 100 | 100 | 100 | 125 | 125 | 125 | 125 | 125 |
| December 2009. | 100 | 100 | 100 | 100 | 100 | 131 | 131 | 131 | 131 | 131 |
| December 2010. | 100 | 100 | 100 | 100 | 74 | 137 | 137 | 137 | 137 | 137 |
| December 2011. | 100 | 100 | 100 | 100 | 4 | 143 | 143 | 143 | 143 | 143 |
| December 2012. | 100 | 100 | 100 | 90 | 0 | 150 | 150 | 150 | 150 | 116 |
| December 2013. | 100 | 100 | 100 | 30 | 0 | 157 | 157 | 157 | 157 | 93 |
| December 2014 | 100 | 100 | 100 | 0 | 0 | 164 | 164 | 164 | 149 | 73 |
| December 2015. | 88 | 88 | 88 | 0 | 0 | 171 | 171 | 171 | 127 | 58 |
| December 2016. | 75 | 75 | 75 | 0 | 0 | 179 | 179 | 179 | 107 | 46 |
| December 2017. | 62 | 62 | 44 | 0 | 0 | 188 | 188 | 188 | 91 | 36 |
| December 2018. | 48 | 48 | 0 | 0 | 0 | 196 | 196 | 193 | 76 | 28 |
| December 2019. | 33 | 33 | 0 | 0 | 0 | 205 | 205 | 172 | 64 | 22 |
| December 2020. | 18 | 18 | 0 | 0 | 0 | 215 | 215 | 153 | 53 | 17 |
| December 2021. | 2 | 2 | 0 | 0 | 0 | 224 | 224 | 135 | 44 | 13 |
| December 2022. | 0 | 0 | 0 | 0 | 0 | 235 | 209 | 118 | 36 | 10 |
| December 2023. | 0 | 0 | 0 | 0 | 0 | 246 | 187 | 103 | 29 | 8 |
| December 2024. | 0 | 0 | 0 | 0 | 0 | 257 | 166 | 88 | 23 | 6 |
| December 2025. | 0 | 0 | 0 | 0 | 0 | 269 | 144 | 74 | 19 | 4 |
| December 2026. | 0 | 0 | 0 | 0 | 0 | 264 | 124 | 62 | 14 | 3 |
| December 2027. | 0 | 0 | 0 | 0 | 0 | 231 | 103 | 50 | 11 | 2 |
| December 2028. | 0 | 0 | 0 | 0 | 0 | 198 | 83 | 39 | 8 | 1 |
| December 2029. | 0 | 0 | 0 | 0 | 0 | 162 | 63 | 29 | 5 | 1 |
| December 2030. | 0 | 0 | 0 | 0 | 0 | 124 | 43 | 19 | 3 | 1 |
| December 2031. | 0 | 0 | 0 | 0 | 0 | 85 | 24 | 10 | 2 | 0 |
| December 2032. | 0 | 0 | 0 | 0 | 0 | 44 | 5 | 2 | 0 | 0 |
| December 2033. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Weighted Average |  |  |  |  |  |  |  |  |  |  |
| Life (years) | 14.8 | 14.8 | 13.6 | 9.7 | 7.3 | 26.5 | 23.6 | 20.9 | 15.9 | 12.3 |

Security Group
PSA Prepayment Assumption Rates

| Distribution Date | Classes BA, BC, BD, BE, BG, BH, BI, BJ, BO and NB |  |  |  |  | Classes CI, NC, NM, NP, NT, NU, NV, <br> NW, NX and NY |  |  |  |  | Classes NA, ND, NE, NG, NH, NI, NJ, NK, NL and NO |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 0\% | 100\% | 380\% | 500\% | 800\% | 0\% | 100\% | 380\% | 500\% | 800\% | 0\% | 100\% | 380\% | 500\% | 800\% |
| Initial Percent | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| December 2004 | 96 | 83 | 70 | 66 | 56 | 100 | 100 | 100 | 100 | 100 | 96 | 81 | 66 | 61 | 49 |
| December 2005 | 93 | 66 | 40 | 33 | 15 | 100 | 100 | 100 | 100 | 100 | 92 | 61 | 32 | 24 | 2 |
| December 2006 | 89 | 50 | 23 | 17 | 7 | 100 | 100 | 100 | 100 | 54 | 87 | 42 | 12 | 5 | 0 |
| December 2007 | 84 | 43 | 17 | 11 | 3 | 100 | 100 | 100 | 87 | 24 | 82 | 35 | 4 | 0 | 0 |
| December 2008. | 80 | 39 | 12 | 7 | 1 | 100 | 100 | 96 | 57 | 8 | 77 | 30 | 0 | 0 | 0 |
| December 2009 | 75 | 35 | 9 | 5 | 0 | 100 | 100 | 70 | 37 | 0 | 71 | 25 | 0 | 0 | 0 |
| December 2010 | 69 | 31 | 7 | 3 | 0 | 100 | 100 | 51 | 22 | 0 | 65 | 21 | 0 | 0 | 0 |
| December 2011 | 64 | 28 | 5 | 2 | 0 | 100 | 100 | 36 | 12 | 0 | 58 | 17 | 0 | 0 | 0 |
| December 2012 | 58 | 25 | 3 | 1 | 0 | 100 | 100 | 25 | 6 | 0 | 51 | 13 | 0 | 0 | 0 |
| December 2013. | 51 | 22 | 2 | 0 | 0 | 100 | 100 | 17 | 1 | 0 | 44 | 10 | 0 | 0 | 0 |
| December 2014 | 47 | 19 | 1 | 0 | 0 | 100 | 100 | 10 | 0 | 0 | 39 | 7 | 0 | 0 | 0 |
| December 2015. | 45 | 18 | 1 | 0 | 0 | 100 | 100 | 6 | 0 | 0 | 37 | 5 | 0 | 0 | 0 |
| December 2016. | 43 | 16 | 0 | 0 | 0 | 100 | 100 | 2 | 0 | 0 | 35 | 3 | 0 | 0 | 0 |
| December 2017. | 41 | 14 | 0 | 0 | 0 | 100 | 100 | 0 | 0 | 0 | 32 | 1 | 0 | 0 | 0 |
| December 2018. | 39 | 13 | 0 | 0 | 0 | 100 | 97 | 0 | 0 | 0 | 29 | 0 | 0 | 0 | 0 |
| December 2019. | 36 | 11 | 0 | 0 | 0 | 100 | 86 | 0 | 0 | 0 | 26 | 0 | 0 | 0 | 0 |
| December 2020. | 33 | 10 | 0 | 0 | 0 | 100 | 75 | 0 | 0 | 0 | 23 | 0 | 0 | 0 | 0 |
| December 2021. | 31 | 8 | 0 | 0 | 0 | 100 | 65 | 0 | 0 | 0 | 20 | 0 | 0 | 0 | 0 |
| December 2022 | 27 | 7 | 0 | 0 | 0 | 100 | 56 | 0 | 0 | 0 | 17 | 0 | 0 | 0 | 0 |
| December 2023. | 24 | 6 | 0 | 0 | 0 | 100 | 47 | 0 | 0 | 0 | 13 | 0 | 0 | 0 | 0 |
| December 2024 | 21 | 5 | 0 | 0 | 0 | 100 | 38 | 0 | 0 | 0 | 9 | 0 | 0 | 0 | 0 |
| December 2025. | 18 | 4 | 0 | 0 | 0 | 100 | 30 | 0 | 0 | 0 | 6 | 0 | 0 | 0 | 0 |
| December 2026. | 16 | 3 | 0 | 0 | 0 | 100 | 23 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 |
| December 2027. | 13 | 2 | 0 | 0 | 0 | 98 | 16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| December 2028. | 10 | 1 | 0 | 0 | 0 | 74 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| December 2029. | 6 | 0 | 0 | 0 | 0 | 48 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| December 2030. | 3 | 0 | 0 | 0 | 0 | 23 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| December 2031. | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| December 2032 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| December 2033. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Weighted Average Life (years) ... | 12.6 | 6.1 | 2.4 | 1.9 | 1.2 | 26.0 | 20.0 | 7.6 | 5.7 | 3.4 | 10.6 | 4.0 | 1.6 | 1.4 | 0.9 |

## Yield Considerations

An investor seeking to maximize yield should make a decision whether to invest in any Class based on the anticipated yield of that Class resulting from its purchase price, the investor's own projection of Mortgage Loan prepayment rates under a variety of scenarios and in the case of the Group 2 Securities, the investor's own projection of principal payment rates on the Underlying Certificates under a variety of scenarios. No representation is made regarding Mortgage Loan prepayment rates, Underlying Certificate payment rates 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 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 or a redemption 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 (especially Principal Only Classes), 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.

## Payment Delay: Effect on Yields

The effective yield on any 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 46 or 50 days earlier, as applicable.

## 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.

The Mortgage Loans will not prepay at any constant rate until maturity. 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 (in the case of interest-bearing Classes), 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 assumption that the purchase price of each Class (expressed as a percentage of its original Class Principal Balance or Class Notional Balance) plus accrued interest (in the case of the interest-bearing Classes) 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 AI to Prepayments

## Assumed Price 19.4375\%*

| PSA Prepayment Assumption Rates |  |  |  |  |  |
| :--- | :--- | :--- | :--- | :--- | :--- |
| $\mathbf{5 0 \%}$ | $\frac{\mathbf{1 0 0 \%}}{}$ | $\underline{\mathbf{1 7 1 \%}}$ |  | $\mathbf{2 0 0 \%}$ |  |
| $\mathbf{1 5 . 4 \%}$ | $9.5 \%$ | $0.1 \%$ | $(4.0) \%$ |  | $\mathbf{3 0 0 \%}$ |
| 18.2$) \%$ |  |  |  |  |  |

Sensitivity of Class AO to Prepayments Assumed Price 79.71875\%

| PSA Prepayment Assumption Rates |  |  |  |
| :--- | :--- | :--- | :--- |
| $\mathbf{5 0 \%}$ | $\underline{\mathbf{1 0 0 \%}}$ | $\underline{\mathbf{2 0 0 \%}}$ | $\underline{\mathbf{3 0 0 \%}}$ |
| $\mathbf{2 . 7 \%}$ | $3.8 \%$ | $6.1 \%$ | $8.2 \%$ |

[^0]Sensitivity of Class AP to Prepayments
Assumed Price 77.25\%

| PSA Prepayment Assumption Rates |  |  |  |
| :--- | :--- | :--- | :--- |
|  | $\underline{\mathbf{5 0 0} \%}$ | $\underline{\mathbf{2 0 0} \%}$ | $\underline{\mathbf{3 0 0} \%}$ |
| $3.0 \%$ | $3.9 \%$ | $5.9 \%$ | $7.7 \%$ |

Sensitivity of Class VI to Prepayments
Assumed Price 21.625\%*

| PSA Prepayment Assumption Rates |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
| 50\% | 100\% | 190\% | 200\% | 300\% |
| 13.0\% | 8.6\% | 0.0\% | (1.0) \% | (11.2) \% |

## SECURITY GROUP 2

Sensitivity of Class BI to Prepayments
Assumed Price 9.9375\%*

| PSA Prepayment Assumption Rates |  |  |  |  |  |
| :--- | :--- | :--- | :--- | :--- | :--- |
| $\mathbf{1 0 0 \%}$ | $\underline{\mathbf{3 8 0} \%}$ | $\underline{\mathbf{4 0 8} \%}$ | $\frac{\mathbf{5 0 0 \%}}{}$ | $\underline{\mathbf{8 0 0 \%}}$ |  |
| $26.6 \%$ | $2.4 \%$ | $0.1 \%$ | $(7.8) \%$ |  | $(40.1) \%$ |

Sensitivity of Class BO to Prepayments
Assumed Price 89.875\%

| PSA Prepayment Assumption Rates |  |  |  |
| :--- | :--- | :--- | :--- |
| $\mathbf{1 0 0 \%}$ | $\underline{\mathbf{3 8 0} \%}$ | $\underline{\mathbf{5 0 0} \%}$ | $\underline{\mathbf{8 0 0} \%}$ |
| $1.9 \%$ | $4.8 \%$ | $5.9 \%$ | $9.1 \%$ |

Sensitivity of Class CI to Prepayments
Assumed Price 31.96875\%*

|  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
| 100\% | 380\% | 405\% | 500\% | 800\% |
| 13.1\% | 1.6\% | 0.0\% | (6.5) \% | (32.5) \% |

Sensitivity of Class NI to Prepayments
Assumed Price 6.625\%*

| 100\% |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
| 100\% | 380\% | 415\% | 500\% | 800\% |
| 44.9\% | 4.6\% | 0.0\% | (10.7) \% | (59.7) \% |

Sensitivity of Class NO to Prepayments
Assumed Price 94.25\%

| PSA Prepayment Assumption Rates |  |  |  |
| :--- | :--- | :--- | :--- |
| $\mathbf{1 0 0 \%}$ | $\underline{\mathbf{3 8 0} \%}$ | $\underline{\mathbf{5 0 0} \%}$ | $\underline{\mathbf{8 0 0} \%}$ |
| $\mathbf{1 . 5 \%}$ | $3.8 \%$ | $4.4 \%$ | $6.6 \%$ |

[^1]
# Sensitivity of Class NP to Prepayments 

Assumed Price 60.46875\%

| PSA Prepayment Assumption Rates |  |  |  |
| :--- | :---: | :---: | :---: |
| $\underline{\mathbf{1 0 0 \%}}$ | $\underline{\mathbf{3 8 0} \%}$ | $\underline{\mathbf{5 0 0 \%}}$ | $\underline{\mathbf{8 0 0 \%}}$ |
| $2.6 \%$ | $6.8 \%$ | $9.1 \%$ | $15.8 \%$ |

## CERTAIN FEDERAL INCOME TAX CONSEQUENCES

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

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

## REMIC Election

In the opinion of Cleary, Gottlieb, Steen \& Hamilton, the Trust will constitute a Single REMIC Series for federal income tax purposes.

## Regular Securities

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

The Class ZA Securities are Accrual Securities. Holders of Accrual Securities are required to accrue all income from their Securities (other than income attributable to market discount or de minimis market discount) under the original issue discount ("OID") rules based on the expected payments on the Accrual Securities at the prepayment assumption described below.

In addition to the Securities described in the preceding paragraph, based on anticipated prices (including accrued interest), the assumed Mortgage Loan characteristics and the prepayment assumption described below, Classes NC and VB are expected to be issued with OID.

Prospective investors in the Securities should be aware, however, that the foregoing expectations about OID could change because of differences (1) between anticipated purchase prices and actual purchase prices or (2) between the assumed characteristics of the Trust Assets and the characteristics of the Trust Assets actually delivered to the Trust. The prepayment assumption that should be used in determining the rates of accrual of OID, if any, on the Regular Securities is $100 \%$ PSA in the case of the Group 1 Securities and $380 \%$ PSA in the case of the Group 2 Securities (as described in "Yield, Maturity and Prepayment Considerations" in this Supplement). No representation is made, however, about the rate at which prepayments on the Mortgage Loans underlying any Group of Trust Assets actually will occur. See "Certain 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, "permitted assets" for financial asset securitization investment trusts ("FASITs"), and "real estate assets" for real estate investment trusts ("REITs") as described in "Certain 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.

## Residual Securities

The Class R Securities will represent the beneficial ownership of the Residual Interest in the Trust REMIC. The Residual Securities, i.e., the Class R 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 Federal Income Tax Consequences" in the Base Offering Circular, but will not be treated as debt for 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 REMIC, and these requirements will continue until there are no Securities of any Class outstanding. 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. 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 Federal Income Tax Consequences - Regular Securities" in this Supplement.

Regulations have been proposed regarding the federal income tax treatment of "inducement fees" received by transferees of noneconomic REMIC residual interests. The proposed regulations (i) provide tax accounting rules for the treatment of such fees as income over an appropriate period and (ii) clarify that inducement fees will be treated as income from sources within the United States. If these rules are finalized as proposed, the final regulations will apply to taxable years ending on or after the date the final regulations are published, and thus the rules in the proposed regulations may apply to the treatment of any inducement fee received in connection with the purchase of Class R Securities. Prospective purchasers of the Class $R$ Securities should consult with their tax advisors regarding the effect of these proposed regulations.

## MX Securities

For a discussion of certain federal income tax consequences applicable to the MX Classes, see "Certain 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.

## 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.

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 each Class 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, if any, from December 1, 2003. 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 the Original Class Principal Balance (or original Class Notional Balance) 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 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 \& Williams LLP, for the Trust by Cleary, Gottlieb, Steen \& Hamilton and Marcell Solomon \& Associates, P.C., and for the Trustee by Seward \& Kissell.
Schedule I

| Available Combinations(1) |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| mX Securities |  |  |  |  |  |  |
| $\begin{gathered} \text { Related } \\ \text { MX Class } \end{gathered}$ | Maximum <br> Original Class <br> Principal Batance <br> or Classs Notional <br> Balance(2) | Principal Type(3) | $\begin{gathered} \begin{array}{c} \text { Interest } \\ \text { Rate } \end{array} \\ \hline \end{gathered}$ | $\begin{aligned} & \text { Interest } \\ & \text { Type(3) } \\ & \hline \end{aligned}$ | $\begin{gathered} { }_{c}^{\text {CUSIP }} \text { Number } \\ \hline \end{gathered}$ | $\begin{gathered} \text { Final } \\ \text { Distribution } \\ \text { Date(4) } \end{gathered}$ |
| AB | \$599,200,000 | SEQ /ad | 4.50\% | FIX | 38374 EH 59 | August 2026 |
| AC | \$472,640,000 | SEQ/AD | 3.50\% | FIX | 38374 EH 67 | August 2026 |
| AD | 472,640,000 | SEQ/AD | 4.00 | FIX | 38374 EH 75 | August 2026 |
| AE | 472,640,000 | SEQ/AD | 4.25 | FIX | 38374 EH 83 | August 2026 |
| AG | 354,480,000 | SEQ/AD | 6.00 | FIX | 38374 EH 91 | August 2026 |
| AH | 283,584,000 | SEQ/AD | 7.50 | FIX | 38374 EJ 24 | August 2026 |
| AI | 472,640,000 | NTL(SEQ/AD) | 4.50 | FIX/IO | 38374 EJ 32 | August 2026 |
| AO | 472,640,000 | SEQ/AD | 0.00 | PO | 38374 EJ 40 | August 2026 |
| AJ | \$599,200,000 | SEQ/AD | 3.50\% | FIX | 38374 EJ 57 | August 2026 |
| AK | 599,200,000 | SEQ/AD | 4.00 | FIX | 38374 EJ 65 | August 2026 |
| AL | 599,200,000 | SEQ/ad | 4.25 | FIX | 38374 EJ 73 | August 2026 |
| AM | 449,400,000 | SEQ/AD | 6.00 | FIX | 38374 EJ 81 | August 2026 |
| AN | 359,520,000 | SEQ/ad | 7.50 | FIX | $38374 \mathrm{EJ9} 9$ | August 2026 |
| AP | 599,200,000 | SEQ/ad | 0.00 | PO | 38374 EK 22 | August 2026 |
| VI | 599,200,000 | NTL(SEQ/AD) | 4.50 | FIX/IO | 38374 EK 30 | August 2026 |



| REMIC Securities |  |
| :---: | :---: |
| Class <br> Security Group 2 <br> Combination 4(5) <br> NA | Original Class <br> Principal Balance <br> or Class <br> Notional Balance |

 (2) The amount shown for each MX Class represents the maximum Original
(3) As der "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 Combinations 2, 3, 4, 5 and 7 various subcombinations are permitted. See "Description of the Securities -

(6) MX Class
Underlying Certificates




## Exhibit B

Cover Pages and Terms Sheets from Underlying Certificate Disclosure Documents



#### Abstract

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-7 which highlights some of these risks.

## The Securities

The Trust will issue the Classes of Securities listed on the inside front cover.

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) a certain previously issued certificate.

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 September 30, 2002.

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.

Salomon Smith Barney Inc. MemphisFirst Capital Markets
The date of this Offering Circular Supplement is September 23, 2002.

## Ginnie Mae REMIC Trust 2002-67

The Trust will issue the classes of securities listed in the table below. If you own exchangeable securities identified in the table, you can exchange them for the corresponding MX Securities, and vice versa.

| Class of REMIC Securities | Original <br> Principal <br> Balance(2) | Interest Rate | $\underset{\substack{\text { Principal } \\ \text { Type(3) }}}{ }$ | $\begin{aligned} & \text { Interest } \\ & \text { Type(3) } \\ & \hline \end{aligned}$ |  | CUSIP Number |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Security Group 1 |  |  |  |  |  |  |
| UA | \$ 10,500,000 | (5) | SC/SEQ | INV | November 2031 | 38373 VQD 5 |
| UB | 17,063,164 | (5) | SC/SEQ | INV | November 2031 | 38373 VQE 3 |
| Security Group 2 |  |  |  |  |  |  |
| BA | 6,400,000 | 5.00\% | SEQ | FIX | January 2017 | 38373 VQF 0 |
| BC | 5,973,333 | 5.00 | SEQ | FIX | August 2023 | $38373 \mathrm{VQG8}$ |
| BD | 3,733,333 | 5.00 | SEQ | FIX | August 2026 | $38373 \mathrm{VQH6}$ |
| BE | 1,706,667 | 5.00 | SEQ | FIX | October 2027 | 38373 V Q J 2 |
| BG | 1,920,000 | 5.00 | SEQ | FIX | January 2029 | 38373 VQK 9 |
| BH | 2,346,667 | 5.00 | SEQ | FIX | May 2030 | 38373 V Q L 7 |
| BK. | 3,040,000 | 5.50 | SEQ | FIX | June 2031 | 38373 VQM 5 |
| BL | 2,240,000 | 5.50 | SEQ | FIX | March 2032 | 38373 VQN 3 |
| BM | 1,600,000 | 5.50 | SEQ | FIX | September 2032 | $38373 \mathrm{VQP8}$ |
| BP | 11,040,000 | 6.50 | SEQ | FIX | May 2030 | $38373 \mathrm{VQQ6}$ |
| Security Group 3 |  |  |  |  |  |  |
| GA | 61,874,440 | 6.00 | SEQ | FIX | February 2030 | 38373 VQR 4 |
| LF | 100,000,000 | (5) | PAC | FLT | May 2029 | 38373 VQS 2 |
| LS | 100,000,000 | (5) | NTL (PAC) | $\mathrm{INV} / \mathrm{IO}$ | May 2029 | $38373 \mathrm{VQT0}$ |
| LX (1) | 673,430,493 | 5.703013 | PAC | FIX | May 2029 | $38373 \mathrm{VQU7}$ |
| MA (1) | 126,905,934 | 6.00 | SUP | FIX | May 2029 | $38373 \mathrm{VQV5}$ |
| VA(1) | 75,409,473 | 6.00 | SEQ / AD | FIX | March 2013 | 38373 VQW 3 |
| VB(1) | 75,631,138 | 6.00 | SEQ / AD | FIX | August 2019 | $38373 \mathrm{VQX1}$ |
| ZA | 86,237,500 | 6.00 | SEQ | FIX / Z | September 2032 | $38373 \mathrm{VQY9}$ |
| Residual |  |  |  |  |  |  |
| RR | 0 | 0.00 | NPR | NPR | September 2032 | 38373 VQZ6 |

(1) These Securities may be exchanged for MX Securities described in Schedule I.
(2) Subject to increase as described under "Increase in Size" in this Supplement. The amount shown for the 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 type of Class with which the Class Notional Balance of the Notional Class will be reduced is indicated in parentheses.
(4) See "Yield, Maturity and Prepayment Considerations-Final Distribution Date" in this Supplement.
(5) See "Terms Sheet-Interest Rates" in this Supplement.

## 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: Salomon Smith Barney Inc.
Trustee: State Street Bank and Trust Company
Tax Administrator: The Trustee
Closing Date: September 30, 2002
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 October 2002.

Trust Assets:

| Trust <br> Asset <br> Group | Trust Asset Type |
| :---: | :---: | :---: | :---: |$\quad$| Certificate Rate |
| :---: |

${ }^{(1)}$ Certain information regarding the Underlying Certificate is set forth in Exhibits A and B to this Supplement.

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

Assumed Characteristics of the Mortgage Loans Underlying the Group 2 and Group 3 Trust Assets ${ }^{1}$ :


| Weighted |
| :---: |
| Average |
| Mortgage Rate ${ }^{3}$ |

## Group 2 Trust Assets

\$ 40,000,000 348
9
6.25\%

Group 3 Trust Assets \$1,199,488,978 355

3
6.75\%
${ }^{1}$ As of September 1, 2002.
${ }^{2}$ Does not include Group 3 Trust Assets that will be added to pay the Trustee Fee.
${ }^{3}$ The Mortgage Loans underlying the Group 2 and Group 3 Trust Assets may bear interest at rates ranging from $0.5 \%$ to $1.5 \%$ per annum above the related Certificate Rate.

The actual remaining terms to maturity, loan ages and Mortgage Rates of many of the Mortgage Loans underlying the Group 2 and Group 3 Trust Assets will differ from the weighted averages shown above, perhaps significantly. See "The Trust Assets - The Mortgage Loans" in this Supplement. See Exhibit A to this Supplement for certain information regarding the characteristics of the Mortgage Loans included in the Underlying Trust.

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 a Principal Only, Interest Only or Inverse Floating Rate 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 inside cover page 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 <br> Interest <br> Rate(2) | $\begin{gathered} \text { Minimum } \\ \text { Rate } \end{gathered}$ | $\begin{gathered} \text { Maximum } \\ \text { Rate } \\ \hline \end{gathered}$ | $\begin{gathered} \text { Delay } \\ \text { (in days) } \\ \hline \end{gathered}$ | LIBOR <br> for Minimum Interest Rate |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| LF | LIBOR + 0.35\% | 2.15\% | 0.35\% | 8.00\% | 0 | 0.00\% |
| LS | 7.65\% - LIBOR | 5.85\% | 0.00\% | 7.65\% | 0 | 7.65\% |
| UA | 22.80\% - (LIBOR $\times 3$ ) | 17.34\% | 0.00\% | 22.80\% | 0 | 7.60\% |
| UB | 22.80\% - (LIBOR $\times 3$ ) | 17.34\% | 0.00\% | 22.80\% | 0 | 7.60\% |

(1) LIBOR will be established on the basis of the BBA 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, the following distributions will be made to the related Securities:

## SECURITY GROUP 1

The Group 1 Principal Distribution Amount will be allocated sequentially to UA and UB, in that order, until retired

## SECURITY GROUP 2

The Group 2 Principal Distribution Amount will be allocated in the following order of priority:

1. Concurrently:
a. $33.3333333333 \%$ to BP, until retired
b. $66.6666666667 \%$, sequentially, to $\mathrm{BA}, \mathrm{BC}, \mathrm{BD}, \mathrm{BE}, \mathrm{BG}$ and BH , in that order, until retired
2. Sequentially, to BK, BL and BM, in that order, until retired

## SECURITY GROUP 3

A percentage of the Group 3 Principal Distribution Amount will be applied to the Trustee Fee, and the remainder of the Group 3 Principal Distribution Amount (the "Group 3 Adjusted Principal Distribution Amount") and the Accrual Amount will be allocated as follows:

- The Accrual Amount, sequentially, to VA, VB and ZA, in that order, until retired
- The Group 3 Adjusted Principal Distribution Amount in the following order of priority:

1. Concurrently, to LF and LX, pro rata, until reduced to their Aggregate Scheduled Principal Balance for that Distribution Date
2. To MA, until retired
3. Concurrently, to LF and LX, pro rata, without regard to their Aggregate Scheduled Principal Balances, until retired
4. Sequentially, to GA, VA, VB and ZA, in that order, 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:

| Class | Structuring Range |
| :---: | :---: |
| LF and LX (in the aggregate) | PSA through 300\% PSA |

Accrual Class: Interest will accrue on the Accrual Class identified on the inside 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 indicated:

| Class | Original Class Notional Balance | Represents Approximately |
| :---: | :---: | :---: |
| IL | \$640,097,142 | 95.0502166667\% of LX (PAC Class) |
| LS | 100,000,000 | 100\% of LF (PAC Class) |
| MI | 186,281,372 | 25\% of MB (PAC/SUP Class) |

Tax Status: Double REMIC Series. See "Certain Federal Income Tax Consequences" in this Supplement and in the Base Offering Circular.

Regular and Residual Classes: Class $R R$ is a Residual Class and includes the Residual Interest of the Issuing REMIC and the Pooling REMIC; all other Classes of REMIC Securities are Regular Classes.
Schedule I

| REMIC Securities |  | MX Securities |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Class | Original Class Principal Balance | Related MX Class | Maximum Original Class Principal Balance or Class Notional Balance(2) | Principal Type (3) | Interest Rate | Interest <br> Type (3) | CUSIP <br> Number | Final Distribution Date(4) | Increased <br> Minimum <br> Denomination(5) |
| Security Group 3 |  |  |  |  |  |  |  |  |  |
| Combination 1(7) |  |  |  |  |  |  |  |  |  |
| LX | \$673,430,493 | LM | \$673,430,493 | PAC | 4.00\% | FIX | 38373 VRA0 | May 2029 | N/A |
|  |  | LN | 673,430,493 | PAC | 4.25 | FIX | 38373VRB8 | May 2029 | N/A |
|  |  | LA | 673,430,493 | PAC | 4.50 | FIX | 38373VRC6 | May 2029 | N/A |
|  |  | LO | 673,430,493 | PAC | 4.75 | FIX | 38373 VRD 4 | May 2029 | N/A |
|  |  | LY | 673,430,493 | PAC | 5.00 | FIX | 38373 VRE2 | May 2029 | N/A |
|  |  | LT | 673,430,493 | PAC | 5.25 | FIX | 38373VRF9 | May 2029 | N/A |
|  |  | LU | 673,430,493 | PAC | 5.50 | FIX | 38373 VRG7 | May 2029 | N/A |
|  |  | LV | 667,927,453 | PAC | 5.75 | FIX | 38373 VRH5 | May 2029 | N/A |
|  |  | LW | 640,097,142 | PAC | 6.00 | FIX | 38373 VRJ 1 | May 2029 | N/A |
|  |  | LB | 590,858,900 | PAC | 6.50 | FIX | 38373VRK8 | May 2029 | N/A |
|  |  | LC | 548,654,693 | PAC | 7.00 | FIX | 38373 VRL6 | May 2029 | N/A |
|  |  | LD | 512,077,714 | PAC | 7.50 | FIX | 38373VRM4 | May 2029 | N/A |
|  |  | LE | 480,072,857 | PAC | 8.00 | FIX | 38373VRN2 | May 2029 | N/A |
|  |  | LG | 451,833,277 | PAC | 8.50 | FIX | 38373 VRP7 | May 2029 | N/A |
|  |  | LH | 426,731,428 | PAC | 9.00 | FIX | 38373 VRQ5 | May 2029 | N/A |
|  |  | LP | 673,430,493 | PAC | 0.00 | PO | 38373 VRR3 | May 2029 | \$113,000 |
|  |  | IL | 640,097,142 | NTL (PAC) | 6.00 | FIX/IO | 38373 VRS 1 | May 2029 | \$633,000 |
| Combination 2 |  |  |  |  |  |  |  |  |  |
| LW (6) | $\$ 640,097,142$ | MB | \$745,125,488 | PAC/SUP | 6.00\% | FIX | 38373 VRT9 | May 2029 | N/A |
| MA | $105,028,346$ |  |  |  |  |  |  |  |  |
| Combination 3(7) |  |  |  |  |  |  |  |  |  |
| MB (6) | \$745,125,488 | MC | \$745,125,488 | PAC/SUP | 4.50\% | FIX | 38373 VRU6 | May 2029 | N/A |
|  |  | MD | 745,125,488 | PAC/SUP | 4.75 | FIX | 38373VRV4 | May 2029 | N/A |
|  |  | ME | 745,125,488 | PAC/SUP | 5.00 | FIX | 38373 VRW2 | May 2029 | N/A |
|  |  | MG | 745,125,488 | PAC/SUP | 5.25 | FIX | 38373 VRX0 | May 2029 | N/A |
|  |  | MH | 745,125,488 | PAC/SUP | 5.50 | FIX | 38373 VRY8 | May 2029 | N/A |
|  |  | MJ | 745,125,488 | PAC/SUP | 5.75 | FIX | 38373VRZ5 | May 2029 | N/A |
|  |  | MI | 186,281,372 | NTL (PAC/SUP) | 6.00 | FIX/IO | 38373 VSA9 | May 2029 | \$695,000 |
| Combination 4 |  |  |  |  |  |  |  |  |  |
| VA | \$ 75,409,473 | VC | \$151,040,611 | SEQ / AD | 6.00\% | FIX | 38373 VSB 7 | August 2019 | N/A |
| VB | 75,631,138 |  |  |  |  |  |  |  |  |
| (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 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) Each Class will be issued in the denominations specified. If no denomination is indicated for a Class, that Class will be issued in the denomination specified "Description of the Securities - Form of Securities" in this Supplement. |  |  |  |  |  |  |  |  |  |
| (7) In the case of Combinations 1 and 3 various subcombinations are permitted. See "Description of the Securities - Modification and Exchange" in the Base Offer Circular for a discussion of subcombinations. |  |  |  |  |  |  |  |  |  |

B-7


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 $\mathrm{S}-9$ which highlights some of these risks.

The Securities
The Trust will issue the Classes of Securities listed on the inside front cover.
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) a certain previously issued certificate.

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, 2002.

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.

## Ginnie Mae REMIC Trust 2002-75

The Trust will issue the classes of securities listed in the table below. If you own exchangeable securities identified in the table, you can exchange them for the corresponding MX Securities, and vice versa.

| Class of REMIC Securities | Original Principal Balance(2) | Interest Rate | $\begin{aligned} & \begin{array}{l} \text { Principal } \\ \text { Type(3) } \end{array} \\ & \hline \end{aligned}$ | Interest Type(3) | $\begin{gathered} \text { Final } \\ \text { Distribution } \\ \text { Date(4) } \\ \hline \end{gathered}$ | CUSIP Number |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Security Group 1 |  |  |  |  |  |  |
| BA | \$17,457,143 | 6.00\% | SUP | FIX | July 2031 | 38373V6W5 |
| BC | 21,109,277 | 6.00 | SUP | FIX | November 2032 | 38373 V 6 X 3 |
| СT | 36,257,143 | 6.00 | SUP | FIX | April 2030 | 38373 V6Y1 |
| FP (1) | 48,333,333 | (5) | PAC | FLT | October 2032 | 38373 V6Z8 |
| LA | 55,000,000 | 4.50 | PAC | FIX | October 2032 | $38373 V 7$ A 2 |
| LC | 14,166,667 | 5.00 | PAC | FIX | October 2032 | $38373 V 7$ B 0 |
| PB | 2,519,318 | 6.00 | PAC | FIX | November 2032 | 38373 V7C8 |
| SP(1) | 48,333,333 | (5) | NTL (PAC) | INV/IO | October 2032 | 38373 V 7 D 6 |
| Security Group 2 |  |  |  |  |  |  |
| CO(1)......... | 3,830,789 | 0.00 | PAC | PO | November 2032 | 38373 V 7 E 4 |
| CS(1) | 3,830,789 | (5) | NTL (PAC) | INV/IO | November 2032 | $38373 V 7$ F 1 |
| EA. | 11,131,000 | 5.50 | SUP | FIX | June 2030 | $38373 V 7$ G9 |
| EB | 1,012,000 | 5.50 | SUP | FIX | August 2030 | $38373 \mathrm{~V} 7 \mathrm{H7}$ |
| EC | 1,896,000 | 5.50 | SUP | FIX | November 2030 | 38373 V 73 |
| ED | 5,624,000 | 5.50 | SUP | FIX | September 2031 | $38373 V 7$ K0 |
| EG | 9,264,000 | 5.50 | SUP | FIX | November 2032 | 38373 V7L8 |
| FC(1) | 6,019,811 | (5) | PAC | FLT | November 2032 | 38373 V7M6 |
| IA | 2,371,236 | 5.50 | NTL (PAC) | FIX/IO | September 2025 | $38373 V 7$ N4 |
| PC | 14,534,000 | 5.00 | PAC | FIX | February 2023 | 38373V7P9 |
| PD | 11,549,600 | 5.00 | PAC | FIX | September 2025 | 38373 V7Q7 |
| PE | 11,563,200 | 5.50 | PAC | FIX | December 2027 | 38373 V7R5 |
| PG | 8,928,000 | 5.50 | PAC | FIX | June 2029 | $38373 V 753$ |
| PH | 14,647,600 | 5.50 | PAC | FIX | August 2031 | 38373 V 7 T 1 |
| Security Group 3 |  |  |  |  |  |  |
| BG | 416,000 | 6.00 | SC/SEQ | FIX | March 2032 | 38373 V 7 U 8 |
| BL | 5,000,000 | 6.00 | SC/SEQ | FIX | March 2032 | 38373 V7V6 |
| CM | 4,000,000 | 6.00 | SC/SEQ | FIX | March 2032 | 38373V7W4 |
| DG | 3,000,000 | 6.00 | SC/SEQ | FIX | March 2032 | 38373 V 7 X 2 |
| ET | 3,000,000 | 6.00 | SC/SEQ | FIX | March 2032 | $38373 V 7 \mathrm{Y} 0$ |
| JV | 4,500,000 | 6.00 | SC/SEQ | FIX | March 2032 | $38373 \mathrm{~V} 7 \mathrm{Z7}$ |
| Security Group 4 |  |  |  |  |  |  |
| DO(1) | 7,043,940 | 0.00 | PAC | PO | November 2032 | $38373 V 8$ A1 |
| DS(1) | 7,043,940 | (5) | NTL (PAC) | INV/IO | November 2032 | $38373 V 8 B 9$ |
| EH | 10,574,000 | 5.50 | SCH | FIX | November 2032 | 38373 V8C7 |
| EJ | 15,174,000 | 5.50 | SUP | FIX | February 2031 | 38373 V8D5 |
| EK | 3,433,000 | 5.50 | SUP | FIX | May 2031 | $38373 V 8 \mathrm{E} 3$ |
| EL | 3,770,000 | 5.50 | SUP | FIX | September 2031 | 38373 V8F0 |
| EP | 1,309,000 | 5.50 | SUP | FIX | October 2031 | $38373 V 8 G 8$ |
| EU | 1,386,000 | 5.50 | SUP | FIX | December 2031 | $38373 \mathrm{~V} 8 \mathrm{H6}$ |
| EV. | 12,426,467 | 5.50 | SUP | FIX | November 2032 | $38373 V 8 \mathrm{~J} 2$ |
| FD (1) | 11,069,049 | (5) | PAC | FLT | November 2032 | 38373 V8K9 |
| IB | 4,545,454 | 5.50 | NTL (PAC) | FIX/IO | June 2031 | $38373 V 8$ L 7 |
| QA | 100,000,000 | 5.25 | PAC | FIX | June 2031 | 38373 V8M5 |
| Residual |  |  |  |  |  |  |
| RR. | 0 | 0 | NPR | NPR | November 2032 | 38373 V8N3 |

[^2]
## 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: UBS Warburg LLC
Trustee: Bank One Trust Company, N.A.
Tax Administrator: The Trustee
Closing Date: November 29, 2002
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 2002.
Trust Assets:

| Trust <br> Asset <br> Group | Trust Asset Type | Certificate Rate | Original Term To Maturity (in years) |
| :---: | :---: | :---: | :---: |
| 1 | Ginnie Mae II | 6.0\% | 30 |
| 2 | Ginnie Mae II | 5.5\% | 30 |
| 3 | Underlying Certificate | (1) | (1) |
| 4 | Ginnie Mae II | 5.5\% | 30 |

${ }^{(1)}$ Certain information regarding the Underlying Certificate is set forth in Exhibits A and B to this Supplement.
Security Groups: This series of Securities consists of multiple Security Groups (each, a "Group"), as shown on the inside 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, 2 and 4 Trust Assets ${ }^{1}$ :

| Principal Balance ${ }^{2}$ | Weighted Average Remaining Term to Maturity (in months) | Weighted Average Loan Age (in months) | Weighted Average Mortgage Rate ${ }^{3}$ |
| :---: | :---: | :---: | :---: |
| roup 1 Trust Assets $194,842,881$ | 355 | 4 | 6.78\% |
| roup 2 Trust Assets $100,000,000$ | 359 | 1 | 6.30\% |
| roup 4 Trust Assets $166,185,456$ | 359 | 1 | 6.30\% |

[^3]The actual remaining terms to maturity, loan ages and Mortgage Rates of many of the Mortgage Loans underlying the Group 1, 2 and 4 Trust Assets will differ from the weighted averages shown above, perhaps significantly. See "The Trust Assets - The Mortgage Loans" in this Supplement. See Exhibit A to this Supplement for certain information regarding the characteristics of the Mortgage Loans included in the Underlying Trust.

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 a Principal Only, Interest Only or Inverse Floating Rate 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 inside cover page 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 | $\begin{gathered} \text { Maximum } \\ \text { Rate } \end{gathered}$ | $\begin{gathered} \text { Delay } \\ \text { (in days) } \\ \hline \end{gathered}$ | LIBOR <br> for Minimum Interest Rate |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| CS | $12.728572 \%$ - (LIBOR x 1.571429 ) | 10.56\% | 0.0\% | 12.728572\% | 0 | 8.10\% |
| DS | $12.728572 \%$ - (LIBOR x 1.571429 ) | 10.56\% | 0.0\% | 12.728572\% | 0 | 8.10\% |
| FC | LIBOR + 0.90\% | 2.28\% | 0.9\% | $9.000000 \%$ | 0 | 0.00\% |
| FD | LIBOR + 0.90\% | 2.28\% | 0.9\% | $9.000000 \%$ | 0 | 0.00\% |
| FP | LIBOR + 0.30\% | 2.11\% | 0.3\% | 8.000000\% | 0 | 0.00\% |
| SC | $12.728572 \%$ - (LIBOR x 1.571429) | 10.56\% | 0.0\% | $12.728572 \%$ | 0 | 8.10\% |
| SD | $12.728572 \%$ - (LIBOR x 1.571429 ) | 10.56\% | 0.0\% | $12.728572 \%$ | 0 | 8.10\% |
| SP | 7.70\% - LIBOR | 5.89\% | 0.0\% | $7.700000 \%$ | 0 | 7.70\% |

(1) LIBOR will be established on the basis of the BBA 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, the following distributions will be made to the related Securities:

## SECURITY GROUP 1

A percentage of the Group 1 Principal Distribution Amount will be applied to the Trustee Fee, and the remainder of the Group 1 Principal Distribution Amount (the "Group 1 Adjusted Principal Distribution Amount") will be allocated in the following order of priority:

1. To the PAC Classes, until reduced to their Aggregate Scheduled Principal Balance for that Distribution Date, in the following order of priority:
a. Concurrently, to FP, LA and LC, pro rata, until retired
b. To PB, until retired
2. Sequentially, to CT, BA and BC, in that order, until retired
3. To the PAC Classes, in the manner and order of priority described in Step 1, but without regard to their Aggregate Scheduled Principal Balances, until retired

## SECURITY GROUP 2

A percentage of the Group 2 Principal Distribution Amount will be applied to the Trustee Fee, and the remainder of the Group 2 Principal Distribution Amount (the "Group 2 Adjusted Principal Distribution Amount") will be allocated in the following order of priority:

1. To the PAC Classes, until reduced to their Aggregate Scheduled Principal Balance for that Distribution Date, in the following order of priority:
a. Sequentially, to PC, PD, PE, PG and PH, in that order, until retired
b. Concurrently, to CO and FC, pro rata, until retired
2. Sequentially, to EA, EB, EC, ED and EG, in that order, until retired
3. To the PAC Classes, in the manner and order of priority described in Step 1, but without regard to their Aggregate Scheduled Principal Balances, until retired

## SECURITY GROUP 3

The Group 3 Principal Distribution Amount will be allocated, sequentially, to BL, JV, CM, ET, DG and BG, in that order, until retired

## SECURITY GROUP 4

A percentage of the Group 4 Principal Distribution Amount will be applied to the Trustee Fee, and the remainder of the Group 4 Principal Distribution Amount (the "Group 4 Adjusted Principal Distribution Amount") will be allocated in the following order of priority:

1. To the PAC Classes, until reduced to their Aggregate Scheduled Principal Balance for that Distribution Date, in the following order of priority:
a. To QA, until retired
b. Concurrently, to DO and FD, pro rata, until retired
2. To EH, until reduced to its Scheduled Principal Balance for that Distribution Date
3. Sequentially, to EJ, EK, EL, EP, EU and EV, in that order, until retired
4. To EH, without regard to its Scheduled Principal Balances, until retired
5. To the PAC Classes, in the manner and order of priority described in Step 1, but without regard to their Aggregate Scheduled Principal Balances, until retired.

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

## Classes

Structuring Ranges

## PAC Classes

FP, LA, LC and PB (in the aggregate) .......................... 158\% PSA through 450\% PSA
$\mathrm{CO}, \mathrm{FC}, \mathrm{PC}, \mathrm{PD}, \mathrm{PE}, \mathrm{PG}$ and PH (in the aggregate) ......... $100 \%$ PSA through $250 \%$ PSA
DO, FD and QA (in the aggregate) ............................. 100\% PSA through 250\% PSA

## Scheduled Class

EH . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . $125 \%$ PSA through 200\% PSA
Notional Classes: The Notional Classes will not receive distributions of principal but have Class Notional Balances for convenience in describing their entitlements to interest. The

Class Notional Balance of each Notional Class represents the percentage indicated below of, and reduces to that extent with, the Class Principal Balances indicated:

| Class | Original Class Notional Balance | Represents Approximately |
| :---: | :---: | :---: |
| CS | \$ 3,830,789 | 100\% of CO (PAC Class) |
| DS | 7,043,940 | 100\% of DO (PAC Class) |
| IA | 2,371,236 | $9.0909090909 \%$ of PC and PD (PAC Classes) |
| IB | 4,545,454 | $4.5454545455 \%$ of QA (PAC Class) |
| SP | 48,333,333 | 100\% of FP (PAC Class) |

Tax Status: Double REMIC Series. See "Certain Federal Income Tax Consequences" in this Supplement and in the Base Offering Circular.
Regular and Residual Classes: Class $R R$ is a Residual Class and includes the Residual Interest of the Issuing REMIC and the Pooling REMIC; all other classes of REMIC Securities are regular classes.

# \$1,948,125,000 <br> Government National Mortgage Association GINNIE MAE ${ }^{\circledR}$ 

Guaranteed REMIC Pass-Through Securities and MX Securities<br>Ginnie Mae REMIC Trust 2003-076

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 $\mathrm{S}-10$ which highlights some of these risks.

## The Securities

The Trust will issue the Classes of Securities listed on the inside front cover.

## The Ginnie Mae Guaranty

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

The 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 September 30, 2003.

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.

## Citigroup

## Utendahl Capital Partners, L.P.

## Ginnie Mae REMIC Trust 2003-076

The Trust will issue the classes of securities listed in the table below. If you own exchangeable securities identified in the table, you can exchange them for the corresponding MX Securities, and vice versa.

| Class of REMIC Securities | Original Principal Balance(2) | Interest Rate | Principal <br> Type(3) | Interest <br> Type(3) | Final <br> Distribution Date(4) | CUSIP <br> Number |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Security Group 1 |  |  |  |  |  |  |
| EH(1) | \$134,200,000 | PAC I/AD | 0.000\% | PO | February 2027 | 38374 CGD 7 |
| EW (1) | 221,125,000 | PAC I/AD | 0.000 | PO | February 2032 | 38374 CGE 5 |
| FI(1) | 107,360,000 | NTL (PAC I/AD) | (5) | FLT/IO | February 2027 | 38374 C G F 2 |
| GA | 93,100,000 | SUP | 6.000 | FIX | August 2032 | 38374 CGG 0 |
| GB | 1,700,000 | SUP | 6.000 | FIX | August 2032 | 38374 CGH 8 |
| GC | 26,950,000 | SUP | 6.000 | FIX | June 2033 | 38374 C G J 4 |
| GD | 10,250,000 | SUP | 6.000 | FIX | September 2033 | 38374 CGK 1 |
| GE | 32,500,000 | SUP | 6.000 | FIX | December 2030 | 38374 C G L9 |
| GH | 17,500,000 | SUP | 6.000 | FIX | August 2032 | 38374 CGM 7 |
| GJ | 32,287,500 | SUP | 6.000 | FIX | September 2033 | 38374 CGN 5 |
| IW (1) | 176,900,000 | NTL (PAC I/AD) | (5) | FLT/IO | February 2032 | 38374 CGP 0 |
| PU(1) | 107,360,000 | NTL (PAC I/AD) | (5) | INV/IO | February 2027 | $38374 \mathrm{CGQ8}$ |
| PV(1) | 176,900,000 | NTL (PAC I/AD) | (5) | INV/IO | February 2032 | 38374 CGR 6 |
| PZ | 15,250,000 | PAC I | 6.000 | FIX/Z | September 2033 | 38374 C G S 4 |
| TZ | 31,500,000 | CPT/PAC II | 6.000 | FIX/Z | September 2033 | 38374 CGT 2 |
| VT(1) | 31,762,500 | PAC II/AD | 6.000 | FIX | September 2017 | 38374 CGU 9 |
| Security Group 2 |  |  |  |  |  |  |
| EG (1) | 37,440,000 | PAC I | 0.000 | PO | September 2033 | 38374 CGV 7 |
| EK | 8,516,106 | SUP | 0.000 | PO | February 2033 | 38374 CGW5 |
| FK | 63,450,000 | SUP/AD | (5) | FLT | October 2023 | 38374 CGX 3 |
| IG (1) | 37,440,000 | NTL (PAC I) | 5.500 | FIX/IO | September 2033 | 38374 CGY 1 |
| KA | 52,811,000 | SUP | 5.500 | FIX | September 2031 | 38374 C G Z 8 |
| KB | 11,250,000 | SUP | 5.500 | FIX | February 2032 | 38374 CHA 2 |
| KC | 25,880,000 | SUP | 5.500 | FIX | February 2033 | 38374 CHB 0 |
| KD | 20,988,000 | SUP | 5.500 | FIX | September 2033 | 38374 CHC 8 |
| KF | 6,233,333 | SUP | (5) | FLT/DLY | September 2033 | 38374 CHD 6 |
| KS | 1,821,429 | SUP | (5) | INV/DLY | September 2033 | 38374 CHE 4 |
| KT | 445,238 | SUP | (5) | INV/DLY | September 2033 | 38374 CHF 1 |
| KZ | 38,502,894 | SUP | 5.875 | FIX/Z | February 2033 | 38374 CHG 9 |
| SK | 22,950,000 | SUP/AD | (5) | INV | October 2023 | 38374 CHH 7 |
| TA (1) | 166,400,000 | PAC I | 5.500 | FIX | September 2026 | 38374 CHJ 3 |
| TB (1) | 99,200,000 | PAC I | 5.500 | FIX | January 2029 | 38374 CHK 0 |
| TD (1) | 98,560,000 | PAC I | 5.500 | FIX | January 2031 | 38374 CHL 8 |
| TE (1) | 120,320,000 | PAC I | 5.500 | FIX | February 2033 | $38374 \mathrm{CHM6}$ |
| UF | 9,013,714 | SUP | (5) | FLT/DLY | September 2033 | 38374 CHN 4 |
| US | 2,308,057 | SUP | (5) | INV/DLY | September 2033 | $38374 \mathrm{CHP9}$ |
| UT | 150,229 | SUP | (5) | INV/DLY | September 2033 | 38374 CHQ 7 |
| YA | 6,400,000 | PAC II | 5.500 | FIX | August 2033 | 38374 CHR 5 |
| YB | 4,160,000 | PAC II | 5.500 | FIX | September 2033 | 38374 CHS 3 |
| YC | 2,880,000 | PAC II | 5.500 | FIX | September 2033 | 38374 CHT 1 |
| YD | 320,000 | PAC II | 5.500 | FIX | September 2033 | 38374 CHU 8 |
| Security Group 3 |  |  |  |  |  |  |
| BI (1) | 102,508,000 | NTL (PAC I/AD) | (5) | FLT/IO | December 2027 | 38374 CHV 6 |
| EB (1) | 128,135,000 | PAC I/AD | 0.000 | PO | December 2027 | 38374 CHW 4 |
| EC(1) | 133,365,000 | PAC I/AD | 0.000 | PO | September 2031 | 38374 CHX 2 |
| GF | 22,396,000 | SUP | (5) | FLT/DLY | May 2033 | $38374 \mathrm{CHY0}$ |
| GK | 17,710,000 | SUP | 6.000 | FIX | May 2033 | $38374 \mathrm{CHZ7}$ |
| GN | 13,900,000 | SUP | 6.000 | FIX | September 2033 | 38374 C J A 0 |
| GS | 33,594,000 | SUP | (5) | INV/DLY | May 2033 | 38374 CJ B 8 |
| IC (1) | 106,692,000 | NTL (PAC I/AD) | (5) | FLT/IO | September 2031 | 38374 C J C 6 |
| LV(1) | 65,900,000 | PAC II/AD | 6.000 | FIX | November 2016 | 38374 CJ D 4 |
| LZ. | 15,000,000 | PAC I | 6.000 | FIX / Z | September 2033 | 38374 C J E 2 |
| QB (1) | 102,508,000 | NTL (PAC I/AD) | (5) | INV/IO | December 2027 | 38374 C J F 9 |
| QC(1) | 106,692,000 | NTL (PAC I/AD) | (5) | INV/IO | September 2031 | 38374 CJ G 7 |
| ZL. | 70,000,000 | CPT/PAC II | 6.000 | FIX/Z | September 2033 | 38374 CJH 5 |
| Residual |  |  |  |  |  |  |
| RR | 0 | NPR | 0 | NPR | September 2033 | 38374 C J J 1 |

(1) These Securities may be exchanged for MX Securities described in Schedule I.
(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 type of Class with which the Class Notional Balance of each Notional Class will be reduced is indicated in parentheses.
(4) See "Yield, Maturity and Prepayment Considerations - Final Distribution Date" in this Supplement.
(5) See "Terms Sheet - Interest Rates" in this Supplement.

## 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: Citigroup Global Markets Inc.
Trustee: Bank One Trust Company, N.A.
Tax Administrator: The Trustee
Closing Date: September 30, 2003
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 October 2003.
Trust Assets:

| Trust <br> Asset <br> Group | Trust Asset Type | Certificate Rate | Original Term <br> To Maturity <br> (in years) <br> 1 |
| :---: | :---: | :---: | :---: |
| Ginnie Mae II | $6.0 \%$ | 30 |  |
| 2 | Ginnie Mae II | 5.5 | 30 |
| 3 | Ginnie Mae II | 6.0 | 30 |

Security Groups: This series of Securities consists of multiple Security Groups (each, a "Group"), as shown on the inside 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 Trust Assets ${ }^{\mathbf{1}}$ :

| Principal Balance ${ }^{2}$ | Weighted Average <br> Remaining Term to Maturity (in months) | $\begin{array}{c}\text { Weighted Average } \\ \text { Loan Age } \\ \text { (in months) }\end{array}$ | Weighted Average Mortgage Rate |
| :---: | :---: | :---: | :---: |
| Group 1 Trust Assets |  |  |  |
| \$648,125,000 | 324 | 23 | 6.77\% |
| Group 2 Trust Assets |  |  |  |
| \$800,000,000 | 357 | 2 | 5.95\% |
| Group 3 Trust Assets |  |  |  |
| \$500,000,000 | 339 | 14 | 6.78\% |

${ }^{1}$ As of September 1, 2003.
${ }^{2}$ Does not include Group 2 Trust Assets that will be added to pay the Trustee Fee.
${ }^{3}$ The Mortgage Loans underlying the Trust Assets may bear interest at rates ranging from $0.25 \%$ to $1.50 \%$ per annum above the related Certificate Rate.

The actual remaining terms to maturity, loan ages and Mortgage Rates of many of the Mortgage Loans will differ from the weighted averages shown above, perhaps significantly. See "The Trust Assets - The Mortgage Loans" in this Supplement.
Issuance of Securities: The Securities, other than the Residual Securities, will initially be issued in book-entry form through the book-entry system of the U.S. Federal Reserve Banks (the "Fedwire Book-Entry System"). The Residual Securities will be issued in fully registered, certificated form. See "Description of the Securities - Form of Securities" in this Supplement.
Modification and Exchange: If you own exchangeable Securities you will be able, upon notice and payment of an exchange fee, to exchange them for a proportionate interest in the
related Securities shown on Schedule I to this Supplement. See "Description of the Securities - Modification and Exchange" in this Supplement.
Increased Minimum Denomination Classes: Each Class that constitutes a Principal Only, Interest Only or Inverse Floating Rate 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 inside cover page 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) | $\begin{gathered} \text { Initial } \\ \text { Interest Rate(2) } \\ \hline \end{gathered}$ | $\begin{gathered} \text { Minimum } \\ \text { Rate } \\ \hline \end{gathered}$ | $\begin{gathered} \text { Maximum } \\ \text { Rate } \\ \hline \end{gathered}$ | $\begin{gathered} \text { Delay } \\ \text { (in days) } \\ \hline \end{gathered}$ | LIBOR for Minimum Interest Rate |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| BI | LIBOR + 0.30\% | 1.4000000\% | 0.3\% | 7.5000000\% | 0 | 0.00\% |
| EU | 7.20\% - LIBOR | 6.1000000\% | 0.0\% | 7.2000000\% | 0 | 7.20\% |
| EV | 7.20\% - LIBOR | 6.1000000\% | 0.0\% | 7.2000000\% | 0 | 7.20\% |
| FB | LIBOR + 0.30\% | 1.4000000\% | 0.3\% | 7.5000000\% | 0 | 0.00\% |
| FC | LIBOR + 0.30\% | $1.4000000 \%$ | 0.3\% | $7.5000000 \%$ | 0 | 0.00\% |
| FI | LIBOR + 0.30\% | 1.4000000\% | 0.3\% | 7.5000000\% | 0 | 0.00\% |
| FK | LIBOR + 0.50\% | 1.6000000\% | 0.5\% | 8.0000000\% | 0 | 0.00\% |
| FW | LIBOR + 0.30\% | $1.4000000 \%$ | 0.3\% | 7.5000000\% | 0 | 0.00\% |
| FY | LIBOR + 0.30\% | 1.4000000\% | 0.3\% | 7.5000000\% | 0 | 0.00\% |
| GF | LIBOR + 1.50\% | 2.6100000\% | 1.5\% | 7.5000000\% | 19 | 0.00\% |
| GS | 9.00\% - (LIBOR $\times 0.66666667$ ) | 8.2600000\% | 5.0\% | 9.0000000\% | 19 | 6.00\% |
| IC | LIBOR + 0.30\% | 1.4000000\% | 0.3\% | 7.5000000\% | 0 | 0.00\% |
| IF | LIBOR + 0.30\% | 1.4000000\% | 0.3\% | $7.5000000 \%$ | 0 | 0.00\% |
| IW | LIBOR + 0.30\% | 1.4000000\% | 0.3\% | 7.5000000\% | 0 | 0.00\% |
| KF | LIBOR + 1.50\% | 2.6200000\% | 1.5\% | 7.5000000\% | 19 | 0.00\% |
| KS | 18.822222\% - (LIBOR $\times 3.4222223$ ) | 14.9893333\% | 0.0\% | 18.8222222\% | 19 | 5.50\% |
| KT | 84.00\% - (LIBOR $\times 14.00$ ) | 7.0000000\% | 0.0\% | 7.0000000\% | 19 | 6.00\% |
| LF | LIBOR + 0.30\% | 1.4000000\% | 0.3\% | 7.5000000\% | 0 | 0.00\% |
| LS | 7.20\% - LIBOR | 6.1000000\% | 0.0\% | 7.2000000\% | 0 | 7.20\% |
| PF | LIBOR + 0.30\% | 1.4000000\% | 0.3\% | 7.5000000\% | 0 | 0.00\% |
| PS | 7.20\% - LIBOR | 6.1000000\% | 0.0\% | 7.2000000\% | 0 | 7.20\% |
| PU | 7.20\% - LIBOR | 6.1000000\% | 0.0\% | 7.2000000\% | 0 | 7.20\% |
| PV | 7.20\% - LIBOR | 6.1000000\% | 0.0\% | 7.2000000\% | 0 | 7.20\% |
| PW | LIBOR + 0.30\% | 1.4000000\% | 0.3\% | 7.5000000\% | 0 | 0.00\% |
| QB | 7.20\% - LIBOR | 6.1000000\% | 0.0\% | 7.2000000\% | 0 | 7.20\% |
| QC | 7.20\% - LIBOR | 6.1000000\% | 0.0\% | 7.2000000\% | 0 | 7.20\% |
| SB | 7.20\% - LIBOR | 6.1000000\% | 0.0\% | 7.2000000\% | 0 | 7.20\% |
| SC | 7.20\% - LIBOR | 6.1000000\% | 0.0\% | 7.2000000\% | 0 | 7.20\% |
| SK | 20.7352941\% - (LIBOR $\times 2.764706$ ) | 17.6941176\% | 0.0\% | 20.7352941\% | 0 | 7.50\% |
| UF | LIBOR + 1.30\% | 2.4100000\% | 1.3\% | 7.0000000\% | 19 | 0.00\% |
| US | $21.4792899 \%$ - (LIBOR $\times 3.9053255$ ) | 17.1443790\% | 0.0\% | 21.4792899\% | 19 | 5.50\% |
| UT | $342.00 \%$ - (LIBOR $\times 60.00$ ) | 12.0000000\% | 0.0\% | 12.0000000\% | 19 | 5.70\% |

(1) LIBOR will be established on the basis of the BBA 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, the following distributions will be made to the related Securities:

## SECURITY GROUP 1

The Group 1 Principal Distribution Amount and the PZ, TZ1 and TZ2 Accrual Amounts will be allocated as follows:

- The PZ Accrual Amount, sequentially, to EH, EW and PZ, in that order, until retired
- The TZ1 Accrual Amount, sequentially, to VT and TZ1, in that order, until retired
- The TZ2 Accrual Amount, sequentially, to VT, TZ1 and TZ2, in that order, until retired
- The Group 1 Principal Distribution Amount in the following order of priority:

1. Sequentially, to $\mathrm{EH}, \mathrm{EW}$ and PZ , in that order, until reduced to their Aggregate Scheduled Principal Balance for that Distribution Date
2. Concurrently:
a. $34.4262295082 \%$ in the following order of priority:
i. Sequentially, to VT, TZ1 and TZ2, in that order, until reduced to their Aggregate Scheduled Principal Balance for that Distribution Date
ii. Sequentially, to GJ and TZ1, in that order, without regard to any Aggregate Scheduled Principal Balances, until retired
iii. Concurrently, to VT and TZ2, without regard to any Aggregate Scheduled Principal Balances, until VT is retired, as follows:
(a) $56.6479400749 \%$ to VT
(b) $43.3520599251 \%$ to TZ2
iv. To TZ2, without regard to any Aggregate Scheduled Principal Balances, until retired
b. $65.5737704918 \%$ in the following order of priority:
i. Concurrently:
(a) $65.0593990217 \%$ to GA, until retired
(b) $34.9406009783 \%$, sequentially, to GE and GH, in that order, until retired
ii. Sequentially, to GB, GC and GD, in that order, until retired
3. Sequentially, to $\mathrm{EH}, \mathrm{EW}$ and PZ , in that order, without regard to their Aggregate Scheduled Principal Balances, until retired

## SECURITY GROUP 2

A percentage of the Group 2 Principal Distribution Amount will be applied to the Trustee Fee, and the remainder of the Group 2 Principal Distribution Amount (the "Group 2 Adjusted Principal Distribution Amount") and the KZ Accrual Amount will be allocated as follows:

- The KZ Accrual Amount in the following order of priority:

1. Concurrently, to FK and SK, pro rata, until retired
2. To KZ, until retired

- The Group 2 Adjusted Principal Distribution Amount in the following order of priority:

1. Sequentially, to TA, TB, TD, TE and EG, in that order, until reduced to their Aggregate Scheduled Principal Balance for that Distribution Date
2. Sequentially, to YA, YB, YC and YD, in that order, until reduced to their Aggregate Scheduled Principal Balance for that Distribution Date
3. Concurrently, until KA has been retired:
a. $36.8380301339 \%$ to KA
b. $63.1619698661 \%$, concurrently, to EK, FK, SK and KZ, pro rata, based on their then outstanding principal balances after giving effect to the KZ Accrual Amount for that Distribution Date
4. Concurrently, until KB has been retired:
a. $43.9453125000 \%$ to KB
b. $56.0546875000 \%$, concurrently, to EK, FK, SK and KZ, pro rata, based on their then outstanding principal balances after giving effect to the KZ Accrual Amount for that Distribution Date
5. Concurrently:
a. $47.5735294119 \%$ to KC , until retired
b. $52.4264705881 \%$ concurrently to EK, FK, SK and KZ, pro rata, based on their then outstanding principal balances after giving effect to the KZ Accrual Amount for that Distribution Date, until retired
6. Concurrently, to KD, KF, KS, KT, UF, US and UT, pro rata, until retired
7. Sequentially, to YA, YB, YC and YD, in that order, without regard to their Aggregate Scheduled Principal Balances, until retired
8. Sequentially, to TA, TB, TD, TE and EG, in that order, without regard to their Aggregate Scheduled Principal Balances, until retired

## SECURITY GROUP 3

The Group 3 Principal Distribution Amount and the LZ, ZL1 and ZL2 Accrual Amounts will be allocated as follows:

- The LZ Accrual Amount, sequentially, to EB, EC and LZ, in that order, until retired
- The ZL1 Accrual Amount, sequentially, to LV and ZL1, in that order, until retired
- The ZL2 Accrual Amount, sequentially, to LV, ZL1 and ZL2, in that order, until retired
- The Group 3 Principal Distribution Amount in the following order of priority:

1. Sequentially, to $\mathrm{EB}, \mathrm{EC}$ and LZ , in that order, until reduced to their Aggregate Scheduled Principal Balance for that Distribution Date
2. Sequentially, to LV, ZL1 and ZL2, in that order, until reduced to their Aggregate Scheduled Principal Balance for that Distribution Date
3. Concurrently, to GF, GK and GS, pro rata, until retired
4. Sequentially, to GN and ZL1, in that order, without regard to any Aggregate Scheduled Principal Balances, until retired
5. Concurrently, to LV and ZL2, pro rata, based on their then outstanding principal balance after giving effect to all other distributions on such Distribution Date, without regard to any Aggregate Scheduled Principal Balances, until retired
6. Sequentially, to $\mathrm{EB}, \mathrm{EC}$ and LZ , in that order, without regard to their Aggregate Scheduled Principal Balances, until retired

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

```
Class or Component
EH, EW and PZ (in the aggregate)
TZ1, TZ2 and VT (in the aggregate) ........................... 115% PSA through 182% PSA
EG, TA, TB, TD and TE (in the aggregate) ..................... 100% PSA through 300% PSA
YA, YB, YC and YD (in the aggregate) ............................. 104% PSA through 200% PSA
EB, EC and LZ (in the aggregate)...................................... 115% PSA through 440% PSA
LV, ZL1 and ZL2 (in the aggregate) .............................. 116% PSA through 200% PSA
```

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

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

| Class | Original Class Notional Balance | Represents Approximately |
| :---: | :---: | :---: |
| BI | \$102,508,000 | 80\% of EB (PAC I/AD Class) |
| CI | \$106,692,000 | 80\% of EC (PAC I/AD Class) |
| DI | \$102,508,000 | 80\% of EB (PAC I/AD Class) |
| EI | \$209,200,000 | 80\% of EB and EC (in the aggregate) (PAC I/AD Classes) |
| FI | \$107,360,000 | 80\% of EH (PAC I/AD Class) |
| FY | \$284,260,000 | 80\% of EH and EW (in the aggregate) (PAC I/AD Classes) |
| HI | \$284,260,000 | 80\% of EH and EW (in the aggregate) (PAC I/AD Classes) |
| IB | \$ 45,090,909 | $45.4545454545 \%$ of TB (PAC I Class) |
| IC | \$106,692,000 | 80\% of EC (PAC I/AD Class) |
| ID | \$ 17,920,000 | 18.1818181818\% of TD (PAC I Class) |
| IE | \$ 21,876,363 | 18.1818181818\% of TE (PAC I Class) |
| IF | \$209,200,000 | 80\% of EB and EC (in the aggregate) (PAC I/AD Classes) |
| IG | \$ 37,440,000 | 100\%f EG (PAC I Class) |
| IK | \$144,872,727 | $54.5454545455 \%$ of TA and TB (in the aggregate) (PAC I Classes) |
| IP | \$176,900,000 | 80\% of EW (PAC I/AD Class) |
| IV | \$ 21,966,666 | $33.3333333333 \%$ of LV (PAC II/AD Class) |
| IW | \$176,900,000 | 80\% of EW (PAC I/AD Class) |
| LS | \$209,200,000 | 80\% of EB and EC (in the aggregate) (PAC I/AD Classes) |
| PS | \$284,260,000 | 80\% of EH and EW (in the aggregate) (PAC I/AD Classes) |
| PU | \$107,360,000 | 80\% of EH (PAC I/AD Class) |
| PV | \$176,900,000 | 80\% of EW (PAC I/AD Class) |
| QB | \$102,508,000 | 80\% of EB (PAC I/AD Class) |
| QC | \$106,692,000 | 80\% of EC (PAC I/AD Class) |
| TI | \$105,890,909 | 63.6363636364\% of TA (PAC I Class) |
| UI | \$107,360,000 | 80\% of EH (PAC I/AD Class) |
| VI | \$ 10,587,500 | $33.3333333333 \%$ of VT (PAC II/AD Class) |

Component Classes: For purposes of calculating distributions of principal, Classes TZ and ZL are comprised of multiple components having the designations and characteristics set forth below. Components are not separately transferable from the related Class of Securities.

| Class | Components | Principal Type | Interest Type | Interest Rate | $\underset{\text { Principal }}{\text { Original }}$ Balance |
| :---: | :---: | :---: | :---: | :---: | :---: |
| TZ | TZ1 | PAC II | FIX/Z | 6.0\% | \$ 7,192,500 |
|  | TZ2 | PAC II | FIX/Z | 6.0\% | 24,307,500 |
| ZL | ZL1 | PAC II | FIX/Z | 6.0\% | 15,000,000 |
|  | ZL2 | PAC II | FIX/Z | 6.0\% | 55,000,000 |

Tax Status: Double REMIC Series. See "Certain Federal Income Tax Consequences" in this Supplement and in the Base Offering Circular.

Regular and Residual Classes: Class RR is a Residual Class and includes the Residual Interest of the Issuing REMIC and the Pooling REMIC; all other Classes of REMIC Securities are Regular Classes.
Schedule I
Available Combinations(1)

|  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 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 | $\begin{aligned} & \text { Interest } \\ & \text { Type(3) } \\ & \hline \end{aligned}$ | $\begin{gathered} \text { CUSIP } \\ \text { Number } \end{gathered}$ | Final Distribution Date(4) |
| Security Group 1 |  |  |  |  |  |  |  |  |
| Combination 1 EH EW | $\begin{array}{r} \$ 134,200,000 \\ 221,125,000 \end{array}$ | EP | \$355,325,000 | PAC I/AD | 0.00\% | PO | 38374 CJ K 8 | February 2032 |
| Combination 2 FI IW | $\begin{array}{r} \$ 107,360,000 \\ 176,900,000 \end{array}$ | FY | \$284,260,000 | NTL (PAC I/AD) | (5) | FLT/IO | 38374C J L 6 | February 2032 |
| $\begin{aligned} & \text { Combination } 3 \\ & \text { PU } \\ & \text { PV } \end{aligned}$ | $\begin{array}{r} \$ 107,360,000 \\ 176,900,000 \end{array}$ | PS | \$284,260,000 | NTL (PAC I/AD) | (5) | INV/IO | 38374 CJM 4 | February 2032 |
| Combination 4 EH FI | $\begin{array}{r} \$ 107,360,000 \\ 107,360,000 \end{array}$ | PF | \$107,360,000 | PAC I/AD | (5) | FLT | 38374 CJ N 2 | February 2027 |
| Combination 5 EW IW | $\begin{array}{r} \$ 176,900,000 \\ 176,900,000 \end{array}$ | PW | \$176,900,000 | PAC I/AD | (5) | FLT | 38374 CJ P 7 | February 2032 |
| $\begin{aligned} & \text { Combination } 6 \\ & \text { EH } \\ & \text { PU } \end{aligned}$ | $\begin{array}{r} \$ 107,360,000 \\ 107,360,000 \end{array}$ | EU | \$107,360,000 | PAC I/AD | (5) | INV | 38374 CJ Q 5 | February 2027 |
| $\begin{aligned} & \text { Combination } 7 \\ & \text { EW } \\ & \text { PV } \end{aligned}$ | $\begin{array}{r} \$ 176,900,000 \\ 176,900,000 \end{array}$ | EV | \$176,900,000 | PAC I/AD | (5) | INV | 38374 CJ R 3 | February 2032 |
| $\begin{aligned} & \text { Combination } 8 \\ & \text { FI } \\ & \text { PU } \end{aligned}$ | $\begin{array}{r} \$ 107,360,000 \\ 107,360,000 \end{array}$ | UI | \$107,360,000 | NTL (PAC I/AD) | 7.50\% | FIX/IO | 38374 C J S 1 | February 2027 |
| $\begin{aligned} & \text { Combination } 9 \\ & \text { IW } \\ & \text { PV } \end{aligned}$ | $\begin{array}{r} \$ 176,900,000 \\ 176,900,000 \end{array}$ | IP | \$176,900,000 | NTL (PAC I/AD) | 7.50\% | FIX/IO | 38374 C J T 9 | February 2032 |

REMIC Securities

| Class | Original Class Principal Balance or Class Notional Balance |
| :---: | :---: |
| Combination 10 |  |
| EH | \$107,360,000 |
| EW | 176,900,000 |
| FI | 107,360,000 |
| IW | 176,900,000 |
| Combination 11 |  |
| EH | \$134,200,000 |
| EW | 221,125,000 |
| FI | 71,573,334 |
| IW | 117,933,334 |
| PU | 71,573,334 |
| PV | 117,933,334 |
| Combination 12 |  |
| EH | \$134,200,000 |
| EW | 221,125,000 |
| FI | 76,046,667 |
| IW | 125,304,167 |
| PU | 76,046,667 |
| PV | 125,304,167 |
| Combination 13 |  |
| EH | \$134,200,000 |
| EW | 221,125,000 |
| FI | 80,520,000 |
| IW | 132,675,000 |
| PU | 80,520,000 |
| PV | 132,675,000 |
| Combination 14 |  |
| EH | \$134,200,000 |
| EW | 221,125,000 |
| FI | 84,993,334 |
| IW | 140,045,834 |
| PU | 84,993,334 |
| PV | 140,045,834 |


| Remic Securities |  | ux Securities |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Class | Original Class Principal Balance or Class Notional Balance | Related MX Class MX Class | Maximum <br> Original Class <br> Principal Batance <br> or Classs Notional <br> Balance(2) | Principal Type(3) | Interest Rate | Interest Type(3) | $\begin{gathered} \text { CusIP } \\ \text { Number } \end{gathered}$ | $\begin{gathered} \text { Final } \\ \text { Distribution } \\ \text { Date(4) } \end{gathered}$ |
| Combination 15 |  |  |  |  |  |  |  |  |
| EH | \$134,200,000 | PE | \$355,325,000 | PAC I/AD | 5.00\% | FIX | 38374 CJ Z 5 | February 2032 |
| EW | 221,125,000 |  |  |  |  |  |  |  |
| FI | 89,466,667 |  |  |  |  |  |  |  |
| IW | 147,416,667 |  |  |  |  |  |  |  |
| PU | 89,466,667 |  |  |  |  |  |  |  |
| PV | 147,416,667 |  |  |  |  |  |  |  |
| Combination 16 |  |  |  |  |  |  |  |  |
| EH | \$134,200,000 | PG | \$355,325,000 | PAC I/AD | 5.25\% | FIX | 38374 CKA 8 | February 2032 |
| EW | 221,125,000 |  |  |  |  |  |  |  |
| FI | 93,940,000 |  |  |  |  |  |  |  |
| IW | 154,787,500 |  |  |  |  |  |  |  |
| PU | 93,940,000 |  |  |  |  |  |  |  |
| PV | 154,787,500 |  |  |  |  |  |  |  |
| Combination 17 |  |  |  |  |  |  |  |  |
| EH | \$134,200,000 | PH | \$355,325,000 | PAC I/AD | 5.50\% | FIX | $38374 \mathrm{CKB6}$ | February 2032 |
| EW | 221,125,000 |  |  |  |  |  |  |  |
| FI | 98,413,334 |  |  |  |  |  |  |  |
| IW | 162,158,334 |  |  |  |  |  |  |  |
| PU | 98,413,334 |  |  |  |  |  |  |  |
| PV | 162,158,334 |  |  |  |  |  |  |  |
| Combination 18 |  |  |  |  |  |  |  |  |
| EH | \$134,200,000 | PJ | \$355,325,000 | PAC I/AD | 5.75\% | FIX | 38374 CKC 4 | February 2032 |
| EW | 221,125,000 |  |  |  |  |  |  |  |
| FI | 102,886,667 |  |  |  |  |  |  |  |
| IW | 169,529,167 |  |  |  |  |  |  |  |
| PU | 102,886,667 |  |  |  |  |  |  |  |
| PV | 169,529,167 |  |  |  |  |  |  |  |


| REMIC Securities |  | mx Securities |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Class | Original Class Principal Balanc or Class Notional Balance | $\begin{gathered} \text { Related } \\ \text { MX Class } \end{gathered}$ | Maximum <br> Mriginal Class <br> Princinal Baannec <br> or Class Notional <br> Balance( 2 ) | Principal Type(3) | Interest Rate | Interest Type(3) | $\begin{gathered} \substack{\text { CUSIP } \\ \text { Number }} \end{gathered}$ | $\begin{gathered} \text { Final } \\ \text { Distribution } \\ \text { Date(4) } \\ \hline \end{gathered}$ |
| Combination 19 |  |  |  |  |  |  |  |  |
| EH | \$134,200,000 | PK | \$355,325,000 | PAC I/AD | 6.00\% | FIX | 38374 CKD 2 | February 2032 |
| EW | 221,125,000 |  |  |  |  |  |  |  |
| FI | 107,360,000 |  |  |  |  |  |  |  |
| IW | 176,900,000 |  |  |  |  |  |  |  |
| PU | 107,360,000 |  |  |  |  |  |  |  |
| PV | 176,900,000 |  |  |  |  |  |  |  |
| Combination 20 |  |  |  |  |  |  |  |  |
| EH | \$134,200,000 | PX | \$355,325,000 | PAC I/AD | 3.00\% | FIX | 38374 CKE 0 | February 2032 |
| EW | 221,125,000 |  |  |  |  |  |  |  |
| FI | 53,680,000 |  |  |  |  |  |  |  |
| IW | 88,450,000 |  |  |  |  |  |  |  |
| PU | 53,680,000 |  |  |  |  |  |  |  |
| PV | 88,450,000 |  |  |  |  |  |  |  |
| Combination 21 |  |  |  |  |  |  |  |  |
| EH | \$134,200,000 | PM | \$355,325,000 | PAC I/AD | 3.50\% | FIX | 38374 CKF 7 | February 2032 |
| EW | 221,125,000 |  |  |  |  |  |  |  |
| FI | 62,626,667 |  |  |  |  |  |  |  |
| IW | 103,191,667 |  |  |  |  |  |  |  |
| PU | 62,626,667 |  |  |  |  |  |  |  |
| PV | 103,191,667 |  |  |  |  |  |  |  |
| Combination 22 |  |  |  |  |  |  |  |  |
| EH | \$134,200,000 | PN | \$355,325,000 | PAC I/AD | 3.75\% | FIX | 38374 CKG 5 | February 2032 |
| EW | 221,125,000 |  |  |  |  |  |  |  |
| FI | 67,100,000 |  |  |  |  |  |  |  |
| IW | 110,562,500 |  |  |  |  |  |  |  |
| PU | 67,100,000 |  |  |  |  |  |  |  |
| PV | 110,562,500 |  |  |  |  |  |  |  |


| REMIC Securities |  | mx Securities |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Class | Original Class Principal Balance or Class Notional Balance | Related MX Class | Maximum <br> Oritinial Class <br> Principal Balance <br> or Class Notional <br> Balance(2) | Principal Type(3) | Interest Rate | Interest Type(3) | $\begin{gathered} \text { CuSIP } \\ \text { Number } \end{gathered}$ | $\begin{gathered} \text { Final } \\ \text { Distribution } \\ \text { Date(4) } \end{gathered}$ |
| Combination 23 |  |  |  |  |  |  |  |  |
| EH | \$107,360,000 | PT | \$284,260,000 | PAC I/AD | 7.50\% | FIX | 38374 CKH 3 | February 2032 |
| EW | 176,900,000 |  |  |  |  |  |  |  |
| FI | 107,360,000 |  |  |  |  |  |  |  |
| IW | 176,900,000 |  |  |  |  |  |  |  |
| PU | 107,360,000 |  |  |  |  |  |  |  |
| PV | 176,900,000 |  |  |  |  |  |  |  |
| Combination 24 |  |  |  |  |  |  |  |  |
| EH | \$134,200,000 | HA | \$183,953,125 | PAC I/AD | 3.00\% | FIX | 38374 C K J 9 | February 2032 |
| EW | 49,753,125 |  |  |  |  |  |  |  |
| FI | 53,680,000 |  |  |  |  |  |  |  |
| IW | 19,901,250 |  |  |  |  |  |  |  |
| PU | 53,680,000 |  |  |  |  |  |  |  |
| PV | 19,901,250 |  |  |  |  |  |  |  |
| Combination 25 |  |  |  |  |  |  |  |  |
| EH | \$134,200,000 | HB | \$183,953,125 | PAC I/AD | 3.50\% | FIX | 38374 CKK 6 | February 2032 |
| EW | 49,753,125 |  |  |  |  |  |  |  |
| FI | 62,626,667 |  |  |  |  |  |  |  |
| IW | 23,218,125 |  |  |  |  |  |  |  |
| PU | 62,626,667 |  |  |  |  |  |  |  |
| PV | 23,218,125 |  |  |  |  |  |  |  |
| Combination 26 |  |  |  |  |  |  |  |  |
| EH | \$134,200,000 | HC | \$183,953,125 | PAC I/AD | 4.00\% | FIX | 38374 CKL 4 | February 2032 |
| EW | 49,753,125 |  |  |  |  |  |  |  |
| FI | 71,573,334 |  |  |  |  |  |  |  |
| IW | 26,535,000 |  |  |  |  |  |  |  |
| PU | 71,573,334 |  |  |  |  |  |  |  |
| PV | 26,535,000 |  |  |  |  |  |  |  |

B-26

| REMIC Securities |  | mx Securities |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Class | Original Class Principal Balance or Class Notional Balance | Related MX Class MX Class | Maximum <br> Original Class <br> Principal Batance <br> or Classs Notional <br> Balance(2) | Principal Type(3) | Interest Rate | Interest Type(3) | $\begin{gathered} \text { CusIP } \\ \text { Number } \end{gathered}$ | $\begin{gathered} \text { Final } \\ \text { Distribution } \\ \text { Date(4) } \end{gathered}$ |
| Combination 27 |  |  |  |  |  |  |  |  |
| EH | \$134,200,000 | HD | \$183,953,125 | PAC I/AD | 4.50\% | FIX | 38374 CKM 2 | February 2032 |
| EW | 49,753,125 |  |  |  |  |  |  |  |
| FI | 80,520,000 |  |  |  |  |  |  |  |
| IW | 29,851,875 |  |  |  |  |  |  |  |
| PU | 80,520,000 |  |  |  |  |  |  |  |
| PV | 29,851,875 |  |  |  |  |  |  |  |
| Combination 28 |  |  |  |  |  |  |  |  |
| EH | \$134,200,000 | HE | \$183,953,125 | PAC I/AD | 5.00\% | FIX | 38374 CKN 0 | February 2032 |
| EW | 49,753,125 |  |  |  |  |  |  |  |
| FI | 89,466,667 |  |  |  |  |  |  |  |
| IW | 33,168,750 |  |  |  |  |  |  |  |
| PU | 89,466,667 |  |  |  |  |  |  |  |
| PV | 33,168,750 |  |  |  |  |  |  |  |
| Combination 29 |  |  |  |  |  |  |  |  |
| EH | \$134,200,000 | HG | \$183,953,125 | PAC I/AD | 5.50\% | FIX | 38374 CKP 5 | February 2032 |
| EW | 49,753,125 |  |  |  |  |  |  |  |
| FI | 98,413,334 |  |  |  |  |  |  |  |
| IW | 36,485,625 |  |  |  |  |  |  |  |
| PU | 98,413,334 |  |  |  |  |  |  |  |
| PV | 36,485,625 |  |  |  |  |  |  |  |
| Combination 30 |  |  |  |  |  |  |  |  |
| EH | \$134,200,000 | HJ | \$183,953,125 | PAC I/AD | 6.00\% | FIX | 38374 CKQ 3 | February 2032 |
| EW | 49,753,125 |  |  |  |  |  |  |  |
| FI | 107,360,000 |  |  |  |  |  |  |  |
| IW | 39,802,500 |  |  |  |  |  |  |  |
| PU | 107,360,000 |  |  |  |  |  |  |  |
| PV | 39,802,500 |  |  |  |  |  |  |  |


| REMIC Securities |  | MX Securities |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Class | Original Class Principal Balance or Class Notional Balance | $\begin{gathered} \text { Related } \\ \text { MX Class } \end{gathered}$ |  | $\begin{aligned} & \text { Principal } \\ & \text { Type(3) } \end{aligned}$ | Interest Rate | $\begin{aligned} & \text { Interest } \\ & \text { Type(3) } \\ & \hline \end{aligned}$ | $\begin{gathered} \begin{array}{c} \text { CUSIP } \\ \text { Number } \end{array} \\ \hline \end{gathered}$ | $\begin{gathered} \text { Final } \\ \text { Distribution } \\ \text { Date(4) } \\ \hline \end{gathered}$ |
| Combination 31 |  |  |  |  |  |  |  |  |
| EH | \$107,360,000 | HK | \$147,162,500 | PAC I/AD | 7.50\% | FIX | 38374 CKR 1 | February 2032 |
| EW | 39,802,500 |  |  |  |  |  |  |  |
| FI | 107,360,000 |  |  |  |  |  |  |  |
| IW | 39,802,500 |  |  |  |  |  |  |  |
| PU | 107,360,000 |  |  |  |  |  |  |  |
| PV | 39,802,500 |  |  |  |  |  |  |  |
| Combination 32 |  |  |  |  |  |  |  |  |
| EH | \$134,200,000 | HL | \$211,593,750 | PAC I/AD | 3.00\% | FIX | 38374 CKS 9 | February 2032 |
| EW | 77,393,750 |  |  |  |  |  |  |  |
| FI | 53,680,000 |  |  |  |  |  |  |  |
| IW | 30,957,500 |  |  |  |  |  |  |  |
| PU | 53,680,000 |  |  |  |  |  |  |  |
| PV | 30,957,500 |  |  |  |  |  |  |  |
| Combination 33 |  |  |  |  |  |  |  |  |
| EH | \$134,200,000 | HM | \$211,593,750 | PAC I/AD | 3.50\% | FIX | 38374 C KT 7 | February 2032 |
| EW | 77,393,750 |  |  |  |  |  |  |  |
| FI | 62,626,667 |  |  |  |  |  |  |  |
| IW | 36,117,084 |  |  |  |  |  |  |  |
| PU | 62,626,667 |  |  |  |  |  |  |  |
| PV | 36,117,084 |  |  |  |  |  |  |  |
| Combination 34 |  |  |  |  |  |  |  |  |
| EH | \$134,200,000 | HN | \$211,593,750 | PAC I/AD | 4.00\% | FIX | 38374 CKU 4 | February 2032 |
| EW | 77,393,750 |  |  |  |  |  |  |  |
| FI | 71,573,334 |  |  |  |  |  |  |  |
| IW | 41,276,667 |  |  |  |  |  |  |  |
| PU | 71,573,334 |  |  |  |  |  |  |  |
| PV | 41,276,667 |  |  |  |  |  |  |  |


| REMIC Securities |  | MX Securities |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Class | Original Class Principal Balance or Class Notional Balance | Related MX Class |  | $\begin{aligned} & \text { Principal } \\ & \text { Type(3) } \end{aligned}$ | Interest Rate | $\begin{aligned} & \text { Interest } \\ & \text { Type(3) } \\ & \hline \end{aligned}$ | $\begin{gathered} \begin{array}{c} \text { CUSIP } \\ \text { Number } \end{array} \\ \hline \end{gathered}$ | $\begin{gathered} \text { Final } \\ \text { Distribution } \\ \text { Date(4) } \\ \hline \end{gathered}$ |
| Combination 35 |  |  |  |  |  |  |  |  |
| EH | \$134,200,000 | HT | \$211,593,750 | PAC I/AD | 4.50\% | FIX | 38374 CKV 2 | February 2032 |
| EW | 77,393,750 |  |  |  |  |  |  |  |
| FI | 80,520,000 |  |  |  |  |  |  |  |
| IW | 46,436,250 |  |  |  |  |  |  |  |
| PU | 80,520,000 |  |  |  |  |  |  |  |
| PV | 46,436,250 |  |  |  |  |  |  |  |
| Combination 36 |  |  |  |  |  |  |  |  |
| EH | \$134,200,000 | HU | \$211,593,750 | PAC I/AD | 5.00\% | FIX | 38374 CKW 0 | February 2032 |
| EW | 77,393,750 |  |  |  |  |  |  |  |
| FI | 89,466,667 |  |  |  |  |  |  |  |
| IW | 51,595,834 |  |  |  |  |  |  |  |
| PU | 89,466,667 |  |  |  |  |  |  |  |
| PV | 51,595,834 |  |  |  |  |  |  |  |
| Combination 37 |  |  |  |  |  |  |  |  |
| EH | \$134,200,000 | HV | \$211,593,750 | PAC I/AD | 5.50\% | FIX | 38374CKX8 | February 2032 |
| EW | 77,393,750 |  |  |  |  |  |  |  |
| FI | 98,413,334 |  |  |  |  |  |  |  |
| IW | 56,755,417 |  |  |  |  |  |  |  |
| PU | 98,413,334 |  |  |  |  |  |  |  |
| PV | 56,755,417 |  |  |  |  |  |  |  |
| Combination 38 |  |  |  |  |  |  |  |  |
| EH | \$134,200,000 | HW | \$211,593,750 | PAC I/AD | 6.00\% | FIX | 38374 CKY 6 | February 2032 |
| EW | 77,393,750 |  |  |  |  |  |  |  |
| FI | 107,360,000 |  |  |  |  |  |  |  |
| IW | 61,915,000 |  |  |  |  |  |  |  |
| PU | 107,360,000 |  |  |  |  |  |  |  |
| PV | 61,915,000 |  |  |  |  |  |  |  |

REMIC Securities

| Class | Original Class <br> Principal Balance <br> or Class <br> Notional Balance |
| :---: | ---: |
| Combination 39 | $\$ 107,360,000$ |
| EH | $61,915,000$ |
| EW | $107,360,000$ |
| FI | $61,915,000$ |
| IW | $107,360,000$ |
| PU | $61,915,000$ |
| PV | $\$ 134,200,000$ |
| Combination 40 | $88,450,000$ |
| EH | $53,680,000$ |
| EW | $35,380,000$ |
| FI | $53,680,000$ |
| IW | $35,380,000$ |
| PU | $\$ 134,200,000$ |
| PV | $88,450,000$ |
| Combination 41 | $62,626,667$ |
| EH | $41,276,667$ |
| EW | $62,626,667$ |
| FI | $41,276,667$ |
| IW |  |
| PU | $\$ 134,200,000$ |
| PV | $88,450,000$ |
| Combination 42 | $71,573,334$ |
| EH | $47,173,334$ |
| EW | $71,573,334$ |
| FI | $47,173,334$ |
| IW |  |


| Remic Securities |  | mx Securities |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Class | Original Class Principal Balanc or Class Notional Balance | $\begin{aligned} & \text { Related } \\ & \text { MX Class } \end{aligned}$ | Maximum <br> Orininial Class <br> orincial Balance <br> or class Notional <br> Balance( 2 ) | Principal Type(3) | Interest Rate | $\begin{aligned} & \text { Interest } \\ & \text { Type(3) } \\ & \hline \end{aligned}$ | $\begin{gathered} \begin{array}{c} \text { CUSIP } \\ \text { Number } \end{array} \\ \hline \end{gathered}$ | $\begin{gathered} \text { Final } \\ \text { Distribution } \\ \text { Date(4) } \\ \hline \end{gathered}$ |
| Combination 43 |  |  |  |  |  |  |  |  |
| EH | \$134,200,000 | CE | \$222,650,000 | PAC I/AD | 4.50\% | FIX | 38374 CLD 1 | February 2032 |
| EW | 88,450,000 |  |  |  |  |  |  |  |
| FI | 80,520,000 |  |  |  |  |  |  |  |
| IW | 53,070,000 |  |  |  |  |  |  |  |
| PU | 80,520,000 |  |  |  |  |  |  |  |
| PV | 53,070,000 |  |  |  |  |  |  |  |
| Combination 44 |  |  |  |  |  |  |  |  |
| EH | \$134,200,000 | CG | \$222,650,000 | PAC I/AD | 5.00\% | FIX | 38374C LE 9 | February 2032 |
| EW | 88,450,000 |  |  |  |  |  |  |  |
| FI | 89,466,667 |  |  |  |  |  |  |  |
| IW | 58,966,667 |  |  |  |  |  |  |  |
| PU | 89,466,667 |  |  |  |  |  |  |  |
| PV | 58,966,667 |  |  |  |  |  |  |  |
| Combination 45 |  |  |  |  |  |  |  |  |
| EH | \$134,200,000 | CH | \$222,650,000 | PAC I/AD | 5.50\% | FIX | 38374 C L F 6 | February 2032 |
| EW | 88,450,000 |  |  |  |  |  |  |  |
| FI | 98,413,334 |  |  |  |  |  |  |  |
| IW | 64,863,334 |  |  |  |  |  |  |  |
| PU | 98,413,334 |  |  |  |  |  |  |  |
| PV | 64,863,334 |  |  |  |  |  |  |  |
| Combination 46 |  |  |  |  |  |  |  |  |
| EH | \$134,200,000 | CJ | \$222,650,000 | PAC I/AD | 6.00\% | FIX | 38374 CLG 4 | February 2032 |
| EW | 88,450,000 |  |  |  |  |  |  |  |
| FI | 107,360,000 |  |  |  |  |  |  |  |
| IW | 70,760,000 |  |  |  |  |  |  |  |
| PU | 107,360,000 |  |  |  |  |  |  |  |
| PV | 70,760,000 |  |  |  |  |  |  |  |


| MX Securities |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $\begin{gathered} \text { Related } \\ \text { MX Class } \end{gathered}$ | Maximum <br> Original Class <br> Principal Balance <br> or Class Notional <br> Balance(2) | $\underset{\substack{\text { Principal } \\ \text { Type(3) }}}{ }$ | $\begin{gathered} \text { Interest } \\ \text { Rate } \end{gathered}$ | $\begin{aligned} & \text { Interest } \\ & \text { Type(3) } \\ & \hline \end{aligned}$ | $\begin{gathered} \text { CUSIP } \\ \text { Number } \end{gathered}$ | $\begin{gathered} \text { Final } \\ \text { Distribution } \\ \text { Date(t) } \end{gathered}$ |
| CK | \$178,120,000 | PAC I/AD | 7.50\% | FIX | 38374 CLH 2 | February 2032 |
| CL | \$134,200,000 | PAC I/AD | 3.00\% | FIX | 38374 CLJ 8 | February 2027 |
| CM | \$134,200,000 | PAC I/AD | 3.50\% | FIX | 38374 CLK 5 | February 2027 |
| CN | \$134,200,000 | PAC I/AD | 4.00\% | FIX | 38374 CLL 3 | February 2027 |
| CP | \$134,200,000 | PAC I/AD | 4.50\% | FIX | 38374 CLM 1 | February 2027 |
| CT | \$134,200,000 | PAC I/AD | 5.00\% | FIX | 38374 CLN 9 | February 2027 |
| CU | \$134,200,000 | PAC I/AD | 5.50\% | FIX | 38374 C L P 4 | February 2027 |


| REMIC Securities |  |
| :---: | ---: |
| Class |  | \(\left.\begin{array}{r}Original Class <br>

Principal Balance <br>
or Clas <br>
Notional Balance\end{array}\right]\)

| 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) | $\begin{gathered} \begin{array}{c} \text { Interest } \\ \text { Rate } \end{array} \\ \hline \end{gathered}$ | $\begin{gathered} \text { Interest } \\ \text { Type(3) } \\ \hline \end{gathered}$ | $\begin{gathered} \text { CUSIP } \\ \text { Number } \end{gathered}$ | $\begin{gathered} \text { Final } \\ \text { Distribution } \\ \text { Date }(4) \\ \hline \end{gathered}$ |
| Combination 54 |  |  |  |  |  |  |  |  |
| EH | \$134,200,000 | CV | \$134,200,000 | PAC I/AD | 6.00\% | FIX | 38374 CLQ 2 | February 2027 |
| FI | 107,360,000 |  |  |  |  |  |  |  |
| PU | 107,360,000 |  |  |  |  |  |  |  |
| Combination 55 |  |  |  |  |  |  |  |  |
| EH | \$107,360,000 | CW | \$107,360,000 | PAC I/AD | 7.50\% | FIX | 38374 CL L 0 | February 2027 |
| FI | 107,360,000 |  |  |  |  |  |  |  |
| PU | 107,360,000 |  |  |  |  |  |  |  |
| Combination 56 |  |  |  |  |  |  |  |  |
| EW | \$221,125,000 | WG | \$221,125,000 | PAC I/AD | 3.00\% | FIX | 38374 C L S 8 | February 2032 |
| IW | 88,450,000 |  |  |  |  |  |  |  |
| PV | 88,450,000 |  |  |  |  |  |  |  |
| Combination 57 |  |  |  |  |  |  |  |  |
| EW | \$221,125,000 | WH | \$221,125,000 | PAC I/AD | 3.50\% | FIX | 38374 CLT 6 | February 2032 |
| IW | 103,191,667 |  |  |  |  |  |  |  |
| PV | 103,191,667 |  |  |  |  |  |  |  |
| Combination 58 |  |  |  |  |  |  |  |  |
| EW | \$221,125,000 | WJ | \$221,125,000 | PAC I/AD | 4.00\% | FIX | 38374 CLU 3 | February 2032 |
| IW | 117,933,334 |  |  |  |  |  |  |  |
| PV | 117,933,334 |  |  |  |  |  |  |  |
| Combination 59 |  |  |  |  |  |  |  |  |
| EW | \$221,125,000 | WK | \$221,125,000 | PAC I/AD | 4.50\% | FIX | 38374 C LV 1 | February 2032 |
| IW | 132,675,000 |  |  |  |  |  |  |  |
| PV | 132,675,000 |  |  |  |  |  |  |  |
| Combination 60 |  |  |  |  |  |  |  |  |
| EW | \$221,125,000 | WL | \$221,125,000 | PAC I/AD | 5.00\% | FIX | 38374 CLW 9 | February 2032 |
| IW | 147,416,667 |  |  |  |  |  |  |  |
| PV | 147,416,667 |  |  |  |  |  |  |  |
| Combination 61 |  |  |  |  |  |  |  |  |
| EW | \$221,125,000 | WM | \$221,125,000 | PAC I/AD | 5.50\% | FIX | 38374 CLX 7 | February 2032 |
| IW | 162,158,334 |  |  |  |  |  |  |  |
| PV | 162,158,334 |  |  |  |  |  |  |  |


REMIC Securities

| Class | Original Class Principal Balance or Class Notional Balance | $\begin{array}{c}\text { Related } \\ \text { MX Class }\end{array}$ | Maximum <br> Original Class <br> Principal Balance <br> or Class Notional <br> Balance( 2 ) | Type (3) <br> $\underset{\text { Type(3) }}{\text { Principal }}$ | $\begin{array}{c}\text { Interest } \\ \text { Rate }\end{array}$ | $\begin{aligned} & \text { Interest } \\ & \text { Type(3) } \\ & \hline \end{aligned}$ | $\begin{gathered} \text { CUSIP } \\ \text { Number } \end{gathered}$ | $\begin{gathered} \text { Final } \\ \text { Distribution } \\ \text { Date(4) } \\ \hline \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Combination 67 (6) |  |  |  |  |  |  |  |  |
| TB | \$ 99,200,000 | IB | \$ 45,090,909 | NTL (PAC I) | 5.50\% | FIX/IO | 38374 CMQ 1 | January 2029 |
|  |  | WA | 99,200,000 | PAC I | 3.00 | FIX | $38374 \mathrm{CMR9}$ | January 2029 |
|  |  | WB | 99,200,000 | PAC I | 3.50 | FIX | 38374 CMS 7 | January 2029 |
|  |  | WC | 99,200,000 | PAC I | 4.00 | FIX | $38374 \mathrm{CMT5}$ | January 2029 |
|  |  | WD | 99,200,000 | PAC I | 4.50 | FIX | 38374 CMU 2 | January 2029 |
|  |  | WE | 99,200,000 | PAC I | 5.00 | FIX | 38374 CMVO | January 2029 |
| Combination 68 |  |  |  |  |  |  |  |  |
| TA | \$166,400,000 | TC | \$265,600,000 | PAC I | 5.50\% | FIX | 38374 CMW 8 | January 2029 |
| TB | 99,200,000 |  |  |  |  |  |  |  |
| Combination 69(6) |  |  |  |  |  |  |  |  |
| TC (7) | \$265,600,000 | IK | \$144,872,727 | NTL (PAC I) | 5.50\% | FIX/IO | $38374 \mathrm{CMX6}$ | January 2029 |
|  |  | KL | 265,600,000 | PAC I | 2.50 | FIX | 38374 CMY 4 | January 2029 |
|  |  | KM | 265,600,000 | PAC I | 3.00 | FIX | $38374 \mathrm{CMZ1}$ | January 2029 |
|  |  | KN | 265,600,000 | PAC I | 3.50 | FIX | 38374 CNA 5 | January 2029 |
|  |  | KU | 265,600,000 | PAC I | 4.50 | FIX | 38374 CNB 3 | January 2029 |
|  |  | KV | 265,600,000 | PAC I | 5.00 | FIX | 38374 CNC 1 | January 2029 |
|  |  | TX | 265,600,000 | PAC I | 4.00 | FIX | 38374 CND 9 | January 2029 |
| Combination 70(6) |  |  |  |  |  |  |  |  |
| TD | \$ 98,560,000 | DT | \$ 98,560,000 | PAC I | 4.50\% | FIX | 38374 CNE 7 | January 2031 |
|  |  | DU | 98,560,000 | PAC I | 5.00 | FIX | 38374 CNF 4 | January 2031 |
|  |  | ID | 17,920,000 | NTL (PAC I) | 5.50 | FIX/IO | 38374 CNG 2 | January 2031 |
| Combination 71(6) |  |  |  |  |  |  |  |  |
| TE | \$120,320,000 | DX | \$120,320,000 | PAC I | 4.50\% | FIX | $38374 \mathrm{CNH0}$ | February 2033 |
|  |  | DY | 120,320,000 | PAC I | 5.00 | FIX | 38374 C N J 6 | February 2033 |
|  |  | IE | 21,876,363 | NTL (PAC I) | 5.50 | FIX/IO | 38374 CNK 3 | February 2033 |
| Combination 72 |  |  |  |  |  |  |  |  |
| EG | \$ 37,440,000 | TG | \$ 37,440,000 | PAC I | 5.50\% | FIX | 38374 CNL 1 | September 2033 |
| IG | 37,440,000 |  |  |  |  |  |  |  |


| Remic Securities |  | MX Securities |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Class | Original Class Principal Balance or Class Notional Balance | Related MX Class | Maximum Original Class Principal Balance or Class Notion Balance(2) | Principal Type(3) | $\begin{gathered} \text { Interest } \\ \text { Rate } \end{gathered}$ | $\begin{aligned} & \text { Interest } \\ & \text { Type(3) } \\ & \hline \end{aligned}$ | $\begin{gathered} \text { CUSIP } \\ \text { Number } \\ \hline \end{gathered}$ | $\begin{gathered} \text { Final } \\ \text { Distribution } \\ \text { Date(4) } \end{gathered}$ |
| Security Group 3 |  |  |  |  |  |  |  |  |
| Combination 73 |  |  |  |  |  |  |  |  |
| EB | 102,508,000 |  |  |  |  |  |  |  |
| EC | 106,692,000 |  |  |  |  |  |  |  |
| IC | 106,692,000 |  |  |  |  |  |  |  |
| Combination 74 |  |  |  |  |  |  |  |  |
| EB | \$128,135,000 | EL | \$261,500,000 | PAC I/AD | 0.00\% | PO | 38374 CNN 7 | September 2031 |
| EC | 133,365,000 |  |  |  |  |  |  |  |
| Combination 75 |  |  |  |  |  |  |  |  |
| EB | \$102,508,000 | SB | \$102,508,000 | PAC I/AD | (5) | INV | 38374 CNP 2 | December 2027 |
| QB | 102,508,000 |  |  |  |  |  |  |  |
| Combination 76 |  |  |  |  |  |  |  |  |
| BI | \$102,508,000 | FB | \$102,508,000 | PAC I/AD | (5) | FLT | 38374 CNQ 0 | December 2027 |
| EB | 102,508,000 |  |  |  |  |  |  |  |
| Combination 77 |  |  |  |  |  |  |  |  |
| EC | \$106,692,000 | SC | \$106,692,000 | PAC I/AD | (5) | INV | 38374 CNR 8 | September 2031 |
| QC | 106,692,000 |  |  |  |  |  |  |  |
| Combination 78 |  |  |  |  |  |  |  |  |
| EC | \$106,692,000 | FC | \$106,692,000 | PAC I/AD | (5) | FLT | 38374 CNS 6 | September 2031 |
| IC | 106,692,000 |  |  |  |  |  |  |  |
| Combination 79 |  |  |  |  |  |  |  |  |
| QB | \$102,508,000 | LS | \$209,200,000 | NTL (PAC I/AD) | (5) | INV/IO | 38374 CNT 4 | September 2031 |
| QC | 106,692,000 |  |  |  |  |  |  |  |
| Combination 80 |  |  |  |  |  |  |  |  |
| BI | \$102,508,000 | IF | \$209,200,000 | NTL (PAC I/AD) | (5) | FLT/IO | 38374 CNU 1 | September 2031 |
| IC | 106,692,000 |  |  |  |  |  |  |  |
| Combination 81 |  |  |  |  |  |  |  |  |
| BI | \$102,508,000 | DI | \$102,508,000 | NTL (PAC I/AD) | 7.50\% | FIX / IO | 38374 CNV 9 | December 2027 |
| QB | 102,508,000 |  |  |  |  |  |  |  |


| REMIC Securities |  | mX Securities |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Class | Original Class Principal Balanc or Class Notional Balance | $\begin{aligned} & \text { Related } \\ & \text { MX Class } \end{aligned}$ | Maximum <br> Original Class <br> Principal Baance <br> or Class Notional <br> Balance(2) | $\begin{aligned} & \text { Principal } \\ & \text { Type(3) } \end{aligned}$ | $\begin{gathered} \text { Interest } \\ \text { Rate } \end{gathered}$ | $\begin{aligned} & \text { Interest } \\ & \text { Type(3) } \end{aligned}$ | $\begin{gathered} \text { CUSIP } \\ \text { Number } \end{gathered}$ | $\begin{gathered} \text { Final } \\ \text { Distribution } \\ \text { Date(4) } \end{gathered}$ |
| Combination 82 |  |  |  |  |  |  |  |  |
| IC | \$106,692,000 | CI | \$106,692,000 | NTL (PAC I/AD) | 7.50\% | FIX/IO | 38374 CNW 7 | September 2031 |
| QC | 106,692,000 |  |  |  |  |  |  |  |
| Combination 83 |  |  |  |  |  |  |  |  |
| EB | \$128,135,000 | LA | \$261,500,000 | PAC I/AD | 4.00\% | FIX | 38374 CNX 5 | September 2031 |
| EC | 133,365,000 |  |  |  |  |  |  |  |
| BI | 68,338,667 |  |  |  |  |  |  |  |
| IC | 71,128,000 |  |  |  |  |  |  |  |
| QB | 68,338,667 |  |  |  |  |  |  |  |
| QC | 71,128,000 |  |  |  |  |  |  |  |
| Combination 84 |  |  |  |  |  |  |  |  |
| EB | \$128,135,000 | LB | \$261,500,000 | PAC I/AD | 4.25\% | FIX | 38374 CNY 3 | September 2031 |
| EC | 133,365,000 |  |  |  |  |  |  |  |
| BI | 72,609,834 |  |  |  |  |  |  |  |
| IC | 75,573,500 |  |  |  |  |  |  |  |
| QB | 72,609,834 |  |  |  |  |  |  |  |
| QC | 75,573,500 |  |  |  |  |  |  |  |
| Combination 85 |  |  |  |  |  |  |  |  |
| EB | \$128,135,000 | LC | \$261,500,000 | PAC I/AD | 4.50\% | FIX | 38374 CNZ 0 | September 2031 |
| EC | 133,365,000 |  |  |  |  |  |  |  |
| BI | 76,881,000 |  |  |  |  |  |  |  |
| IC | 80,019,000 |  |  |  |  |  |  |  |
| QB | 76,881,000 |  |  |  |  |  |  |  |
| QC | 80,019,000 |  |  |  |  |  |  |  |
| Combination 86 |  |  |  |  |  |  |  |  |
| EB | \$128,135,000 | LD | \$261,500,000 | PAC I/AD | 4.75\% | FIX | 38374 CPA 3 | September 2031 |
| EC | 133,365,000 |  |  |  |  |  |  |  |
| BI | 81,152,167 |  |  |  |  |  |  |  |
| IC | 84,464,500 |  |  |  |  |  |  |  |
| QB | 81,152,167 |  |  |  |  |  |  |  |
| QC | 84,464,500 |  |  |  |  |  |  |  |

B-37

| remic Securities |  | ux Securities |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Class | Original Class Principal Balance or Class Notional Balance | Related MX Class | Maximum <br> Original Class <br> Principal Balance <br> or Class Notional <br> Balance(2) | Type(3) <br> Principal Type(3) | $\begin{gathered} \text { Interest } \\ \text { Rate } \end{gathered}$ | $\begin{aligned} & \text { Interest } \\ & \text { Type(3) } \end{aligned}$ | $\begin{gathered} \text { CUSIP } \\ \text { Number } \end{gathered}$ | $\begin{gathered} \text { Final } \\ \text { Distribution } \\ \text { Date(4) } \end{gathered}$ |
| Combination 87 |  |  |  |  |  |  |  |  |
| EB | \$128,135,000 | LE | \$261,500,000 | PAC I/AD | 5.00\% | FIX | 38374 C P B 1 | September 2031 |
| EC | 133,365,000 |  |  |  |  |  |  |  |
| BI | 85,423,334 |  |  |  |  |  |  |  |
| IC | 88,910,000 |  |  |  |  |  |  |  |
| QB | 85,423,334 |  |  |  |  |  |  |  |
| QC | 88,910,000 |  |  |  |  |  |  |  |
| Combination 88 |  |  |  |  |  |  |  |  |
| EB | \$128,135,000 | LG | \$261,500,000 | PAC I/AD | 5.25\% | FIX | 38374 CPC 9 | September 2031 |
| EC | 133,365,000 |  |  |  |  |  |  |  |
| BI | 89,694,500 |  |  |  |  |  |  |  |
| IC | 93,355,500 |  |  |  |  |  |  |  |
| QB | 89,694,500 |  |  |  |  |  |  |  |
| QC | 93,355,500 |  |  |  |  |  |  |  |
| Combination 89 |  |  |  |  |  |  |  |  |
| EB | \$128,135,000 | LH | \$261,500,000 | PAC I/AD | 5.50\% | FIX | 38374 CPD 7 | September 2031 |
| EC | 133,365,000 |  |  |  |  |  |  |  |
| BI | 93,965,667 |  |  |  |  |  |  |  |
| IC | 97,801,000 |  |  |  |  |  |  |  |
| QB | 93,965,667 |  |  |  |  |  |  |  |
| QC | 97,801,000 |  |  |  |  |  |  |  |
| Combination 90 |  |  |  |  |  |  |  |  |
| EB | \$128,135,000 | LJ | \$261,500,000 | PAC I/AD | 5.75\% | FIX | 38374 CPE 5 | September 2031 |
| EC | 133,365,000 |  |  |  |  |  |  |  |
| BI | 98,236,834 |  |  |  |  |  |  |  |
| IC | 102,246,500 |  |  |  |  |  |  |  |
| QB | 98,236,834 |  |  |  |  |  |  |  |
| QC | 102,246,500 |  |  |  |  |  |  |  |

B-38

| REMIC Securities |  | MX Securities |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Class | Original Class Principal Balance or Clas Notional Balance | Related MX Class | $\begin{gathered} \text { Maximum } \\ \begin{array}{c} \text { Original Class } \\ \text { Principal Balance } \\ \text { or Classs Notional } \\ \text { Balance(2) } \end{array} \\ \hline \end{gathered}$ | Principal Type( 3 ) | $\begin{gathered} \text { Interest } \\ \text { Rate } \end{gathered}$ | $\begin{aligned} & \text { Interest } \\ & \text { Type(3) } \end{aligned}$ | $\underset{\substack{\text { CUSIP } \\ \text { Number }}}{\text { co }}$ | $\underset{\substack{\text { Fistral } \\ \text { Distrution } \\ \text { Date(4) }}}{\substack{\text { ate }}}$ |
| Combination 91 |  |  |  |  |  |  |  |  |
| EB | \$128,135,000 | LK | \$261,500,000 | PAC I/AD | 6.00\% | FIX | 38374 CPF 2 | September 2031 |
| EC | 133,365,000 |  |  |  |  |  |  |  |
| BI | 102,508,000 |  |  |  |  |  |  |  |
| IC | 106,692,000 |  |  |  |  |  |  |  |
| QB | 102,508,000 |  |  |  |  |  |  |  |
| QC | 106,692,000 |  |  |  |  |  |  |  |
| Combination 92 |  |  |  |  |  |  |  |  |
| EB | \$128,135,000 | LM | \$261,500,000 | PAC I/AD | 3.00\% | FIX | 38374 CP G 0 | September 2031 |
| EC | 133,365,000 |  |  |  |  |  |  |  |
| BI | 51,254,000 |  |  |  |  |  |  |  |
| IC | 53,346,000 |  |  |  |  |  |  |  |
| QB | 51,254,000 |  |  |  |  |  |  |  |
| QC | 53,346,000 |  |  |  |  |  |  |  |
| Combination 93 |  |  |  |  |  |  |  |  |
| EB | \$128,135,000 | LN | \$261,500,000 | PAC I/AD | 3.50\% | FIX | 38374 CPH 8 | September 2031 |
| EC | 133,365,000 |  |  |  |  |  |  |  |
| BI | 59,796,334 |  |  |  |  |  |  |  |
| IC | 62,237,000 |  |  |  |  |  |  |  |
| QB | 59,796,334 |  |  |  |  |  |  |  |
| QC | 62,237,000 |  |  |  |  |  |  |  |
| Combination 94 |  |  |  |  |  |  |  |  |
| EB | \$102,508,000 | LT | \$209,200,000 | PAC I/AD | 7.50\% | FIX | 38374 CP J 4 | September 2031 |
| EC | 106,692,000 |  |  |  |  |  |  |  |
| BI | 102,508,000 |  |  |  |  |  |  |  |
| IC | 106,692,000 |  |  |  |  |  |  |  |
| QB | 102,508,000 |  |  |  |  |  |  |  |
| QC | 106,692,000 |  |  |  |  |  |  |  |


| Remic Securities |  | MX Securities |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Class | Original Class Principal Balance or Class Notional Balance | $\begin{aligned} & \text { Related } \\ & \text { MX Class } \end{aligned}$ | $\begin{gathered} \text { Maximum } \\ \text { Original Class } \\ \text { Principal Batance } \\ \text { or Class Notional } \\ \text { Balance(2) } \\ \hline \end{gathered}$ | $\underset{\text { Principal }}{\text { Type( }}$ ( | $\begin{gathered} \text { Interest } \\ \text { Rate } \\ \hline \end{gathered}$ | $\begin{gathered} \text { Interest } \\ \text { Type(3) } \end{gathered}$ | $\begin{gathered} \text { CUSIP } \\ \text { Number } \end{gathered}$ | $\begin{gathered} \text { Final } \\ \text { Distribution } \\ \text { Date(4) } \\ \hline \end{gathered}$ |
| Combination 95 |  |  |  |  |  |  |  |  |
| EB | \$128,135,000 | DA | \$152,140,700 | PAC I/AD | 3.00\% | FIX | 38374 CPK 1 | September 2031 |
| EC | 24,005,700 |  |  |  |  |  |  |  |
| BI | 51,254,000 |  |  |  |  |  |  |  |
| IC | 9,602,280 |  |  |  |  |  |  |  |
| QB | 51,254,000 |  |  |  |  |  |  |  |
| QC | 9,602,280 |  |  |  |  |  |  |  |
| Combination 96 |  |  |  |  |  |  |  |  |
| EB | \$128,135,000 | DC | \$152,140,700 | PAC I/AD | 3.50\% | FIX | 38374 CPL 9 | September 2031 |
| EC | 24,005,700 |  |  |  |  |  |  |  |
| BI | 59,796,334 |  |  |  |  |  |  |  |
| IC | 11,202,660 |  |  |  |  |  |  |  |
| QB | 59,796,334 |  |  |  |  |  |  |  |
| QC | 11,202,660 |  |  |  |  |  |  |  |
| Combination 97 |  |  |  |  |  |  |  |  |
| EB | \$128,135,000 | DE | \$152,140,700 | PAC I/AD | 4.00\% | FIX | 38374 CPM 7 | September 2031 |
| EC | 24,005,700 |  |  |  |  |  |  |  |
| BI | 68,338,667 |  |  |  |  |  |  |  |
| IC | 12,803,040 |  |  |  |  |  |  |  |
| QB | 68,338,667 |  |  |  |  |  |  |  |
| QC | 12,803,040 |  |  |  |  |  |  |  |
| Combination 98 |  |  |  |  |  |  |  |  |
| EB | \$128,135,000 | DG | \$152,140,700 | PAC I/AD | 4.50\% | FIX | 38374 CPN 5 | September 2031 |
| EC | 24,005,700 |  |  |  |  |  |  |  |
| BI | 76,881,000 |  |  |  |  |  |  |  |
| IC | 14,403,420 |  |  |  |  |  |  |  |
| QB | 76,881,000 |  |  |  |  |  |  |  |
| QC | 14,403,420 |  |  |  |  |  |  |  |

B-40

| Remic Securities |  | mx Securities |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Class | Original Class Principal Balance or Class Notional Balance | Related MX Class | Maximum <br> Original Class <br> Principal Batance <br> or Classs Notional <br> Balance(2) | Type( 3 ) <br> $\underset{\substack{\text { Principal } \\ \text { Type(3) }}}{\text { ( }}$ | Interest Rate | $\begin{aligned} & \text { Interest } \\ & \text { Type(3) } \end{aligned}$ | $\begin{gathered} \text { CUSIP } \\ \text { Number } \end{gathered}$ | $\begin{gathered} \text { Final } \\ \text { Distribution } \\ \text { Date(4) } \end{gathered}$ |
| Combination 99 |  |  |  |  |  |  |  |  |
| EB | \$128,135,000 | DH | \$152,140,700 | PAC I/AD | 5.00\% | FIX | 38374 CPP 0 | September 2031 |
| EC | 24,005,700 |  |  |  |  |  |  |  |
| BI | 85,423,334 |  |  |  |  |  |  |  |
| IC | 16,003,800 |  |  |  |  |  |  |  |
| QB | 85,423,334 |  |  |  |  |  |  |  |
| QC | 16,003,800 |  |  |  |  |  |  |  |
| Combination 100 |  |  |  |  |  |  |  |  |
| EB | \$128,135,000 | DJ | \$152,140,700 | PAC I/AD | 5.50\% | FIX | 38374 CPQ 8 | September 2031 |
| EC | 24,005,700 |  |  |  |  |  |  |  |
| BI | 93,965,667 |  |  |  |  |  |  |  |
| IC | 17,604,180 |  |  |  |  |  |  |  |
| QB | 93,965,667 |  |  |  |  |  |  |  |
| QC | 17,604,180 |  |  |  |  |  |  |  |
| Combination 101 |  |  |  |  |  |  |  |  |
| EB | \$128,135,000 | DK | \$152,140,700 | PAC I/AD | 6.00\% | FIX | 38374 CPR 6 | September 2031 |
| EC | 24,005,700 |  |  |  |  |  |  |  |
| BI | 102,508,000 |  |  |  |  |  |  |  |
| IC | 19,204,560 |  |  |  |  |  |  |  |
| QB | 102,508,000 |  |  |  |  |  |  |  |
| QC | 19,204,560 |  |  |  |  |  |  |  |
| Combination 102 |  |  |  |  |  |  |  |  |
| EB | \$102,508,000 | DL | \$121,712,560 | PAC I/AD | 7.50\% | FIX | 38374 CPS 4 | September 2031 |
| EC | 19,204,560 |  |  |  |  |  |  |  |
| BI | 102,508,000 |  |  |  |  |  |  |  |
| IC | 19,204,560 |  |  |  |  |  |  |  |
| QB | 102,508,000 |  |  |  |  |  |  |  |
| QC | 19,204,560 |  |  |  |  |  |  |  |

B-41


B-42

| Remic Securities |  | MX Securities |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Class | Original Class Principal Balance or Class Notional Balance | Related MX Class | Maximum Original Class Principal Balance or Class Notion Balance(2) | Principal Type(3) | $\begin{gathered} \text { Interest } \\ \text { Rate } \\ \hline \end{gathered}$ | $\begin{gathered} \text { Interest } \\ \text { Type(3) } \\ \hline \end{gathered}$ | $\begin{gathered} \text { CUSIP } \\ \text { Number } \\ \hline \end{gathered}$ | Final Distribution Date(4) |
| Combination 107 |  |  |  |  |  |  |  |  |
| EB | \$128,135,000 | ME | \$194,817,500 | PAC I/AD | 5.00\% | FIX | 38374 CPX 3 | September 2031 |
| EC | 66,682,500 |  |  |  |  |  |  |  |
| BI | 85,423,334 |  |  |  |  |  |  |  |
| IC | 44,455,000 |  |  |  |  |  |  |  |
| QB | 85,423,334 |  |  |  |  |  |  |  |
| QC | 44,455,000 |  |  |  |  |  |  |  |
| Combination 108 |  |  |  |  |  |  |  |  |
| EB | \$128,135,000 | MG | \$194,817,500 | PAC I/AD | 5.50\% | FIX | 38374 CPY 1 | September 2031 |
| EC | 66,682,500 |  |  |  |  |  |  |  |
| BI | 93,965,667 |  |  |  |  |  |  |  |
| IC | 48,900,500 |  |  |  |  |  |  |  |
| QB | 93,965,667 |  |  |  |  |  |  |  |
| QC | 48,900,500 |  |  |  |  |  |  |  |
| Combination 109 |  |  |  |  |  |  |  |  |
| EB | \$128,135,000 | MH | \$194,817,500 | PAC I/AD | 6.00\% | FIX | 38374 CP Z 8 | September 2031 |
| EC | 66,682,500 |  |  |  |  |  |  |  |
| BI | 102,508,000 |  |  |  |  |  |  |  |
| IC | 53,346,000 |  |  |  |  |  |  |  |
| QB | 102,508,000 |  |  |  |  |  |  |  |
| QC | 53,346,000 |  |  |  |  |  |  |  |
| Combination 110 |  |  |  |  |  |  |  |  |
| EB | \$102,508,000 | MJ | \$155,854,000 | PAC I/AD | 7.50\% | FIX | 38374 CQA 2 | September 2031 |
| EC | 53,346,000 |  |  |  |  |  |  |  |
| BI | 102,508,000 |  |  |  |  |  |  |  |
| IC | 53,346,000 |  |  |  |  |  |  |  |
| QB | 102,508,000 |  |  |  |  |  |  |  |
| QC | 53,346,000 |  |  |  |  |  |  |  |
| Combination 111 |  |  |  |  |  |  |  |  |
| EB | \$128,135,000 | NA | \$128,135,000 | PAC I/AD | 3.00\% | FIX | 38374 CQB 0 | December 2027 |
| BI | 51,254,000 |  |  |  |  |  |  |  |
| QB | 51,254,000 |  |  |  |  |  |  |  |

B-43

| Remic |  |  |  |  | ecurities |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 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) | $\begin{gathered} \text { Interest } \\ \text { Rate } \end{gathered}$ | $\begin{gathered} \begin{array}{c} \text { Interest } \\ \text { Type(3) } \end{array} \\ \hline \end{gathered}$ | $\begin{gathered} \text { CUSIP } \\ \text { Number } \\ \hline \end{gathered}$ | Final Distribution Date(4) |
| $\begin{aligned} & \text { Combination } 112 \\ & \text { EB } \\ & \text { BI } \\ & \text { QB } \end{aligned}$ | $\begin{array}{r} \$ 128,135,000 \\ 59,796,334 \\ 59,796,334 \end{array}$ | NB | \$128,135,000 | PAC I/AD | 3.50\% | FIX | $38374 \mathrm{CQC8}$ | December 2027 |
| ```Combination 113 EB BI QB``` | $\begin{array}{r} \$ 128,135,000 \\ 68,338,667 \\ 68,338,667 \end{array}$ | NC | \$128,135,000 | PAC I/AD | 4.00\% | FIX | $38374 \mathrm{CQD6}$ | December 2027 |
| Combination 114 EB BI QB | $\begin{array}{r} \$ 128,135,000 \\ 76,881,000 \\ 76,881,000 \end{array}$ | ND | \$128,135,000 | PAC I/AD | 4.50\% | FIX | 38374 CQE 4 | December 2027 |
| Combination 115 EB BI QB | $\begin{array}{r} \$ 128,135,000 \\ 85,423,334 \\ 85,423,334 \end{array}$ | NE | \$128,135,000 | PAC I/AD | 5.00\% | FIX | 38374 CQF 1 | December 2027 |
| Combination 116 EB BI QB | $\begin{array}{r} \$ 128,135,000 \\ 93,965,667 \\ 93,965,667 \end{array}$ | NG | \$128,135,000 | PAC I/AD | 5.50\% | FIX | 38374 CQG 9 | December 2027 |
| $\begin{aligned} & \text { Combination } 117 \\ & \text { EB } \\ & \text { BI } \\ & \text { QB } \end{aligned}$ | $\begin{array}{r} \$ 128,135,000 \\ 102,508,000 \\ 102,508,000 \end{array}$ | NH | \$128,135,000 | PAC I/AD | 6.00\% | FIX | 38374 CQH 7 | December 2027 |
| Combination 118 EB BI QB | $\begin{array}{r} \$ 102,508,000 \\ 102,508,000 \\ 102,508,000 \end{array}$ | NJ | \$102,508,000 | PAC I/AD | 7.50\% | FIX | 38374 C QJ 3 | December 2027 |
| ```Combination 119 EC IC QC``` | $\begin{array}{r} \$ 133,365,000 \\ 53,346,000 \\ 53,346,000 \end{array}$ | MK | \$133,365,000 | PAC I/AD | 3.00\% | FIX | $38374 \mathrm{CQK0}$ | September 2031 |


| MX Securities |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $\begin{gathered} \text { Related } \\ \text { MX Class } \end{gathered}$ | $\begin{array}{\|c} \hline \text { Maximum } \\ \text { Original Class } \\ \text { Principal Balance } \\ \text { or Class Notional } \\ \text { Balance (2) } \end{array}$ | $\underset{\substack{\text { Principal } \\ \text { Type(3) }}}{ }$ | $\begin{gathered} \begin{array}{c} \text { Interest } \\ \text { Rate } \end{array} \\ \hline \end{gathered}$ | $\begin{aligned} & \text { Interest } \\ & \text { Type(3) } \\ & \hline \end{aligned}$ | $\begin{gathered} \text { CUSIP } \\ \text { Number } \end{gathered}$ | $\begin{gathered} \text { Final } \\ \text { Distribution } \\ \text { Date(t) } \end{gathered}$ |
| ML | \$133,365,000 | PAC I/AD | 3.50\% | FIX | $38374 \mathrm{CQL8}$ | September 2031 |
| MN | \$133,365,000 | PAC I/AD | 4.00\% | FIX | $38374 \mathrm{CQM6}$ | September 2031 |
| MP | \$133,365,000 | PAC I/AD | 4.50\% | FIX | 38374 CQN 4 | September 2031 |
| MT | \$133,365,000 | PAC I/AD | 5.00\% | FIX | $38374 \mathrm{CQP9}$ | September 2031 |
| MU | \$133,365,000 | PAC I/AD | 5.50\% | FIX | 38374 CQQ 7 | September 2031 |
| MV | \$133,365,000 | PAC I/AD | 6.00\% | FIX | 38374 CQR 5 | September 2031 |
| MW | \$106,692,000 | PAC I/AD | 7.50\% | FIX | $38374 \mathrm{CQS3}$ | September 2031 |
| EI | \$209,200,000 | NTL (PAC I/AD) | 7.50\% | FIX/IO | $38374 \mathrm{CQT1}$ | September 2031 |


| REMIC Securities |  |
| :---: | :---: |
| Class | Original Class Principal Balance or Class Notional Balance |
| Combination 120 |  |
| EC | \$133,365,000 |
| IC | 62,237,000 |
| QC | 62,237,000 |
| Combination 121 |  |
| EC | \$133,365,000 |
| IC | 71,128,000 |
| QC | 71,128,000 |
| Combination 122 |  |
| EC | \$133,365,000 |
| IC | 80,019,000 |
| QC | 80,019,000 |
| Combination 123 |  |
| EC | \$133,365,000 |
| IC | 88,910,000 |
| QC | 88,910,000 |
| Combination 124 |  |
| EC | \$133,365,000 |
| IC | 97,801,000 |
| QC | 97,801,000 |
| Combination 125 |  |
| EC | \$133,365,000 |
| IC | 106,692,000 |
| QC | 106,692,000 |
| Combination 126 |  |
| EC | \$106,692,000 |
| IC | 106,692,000 |
| QC | 106,692,000 |
| Combination 127 |  |
| BI | \$102,508,000 |
| IC | 106,692,000 |
| QB | 102,508,000 |
| QC | 106,692,000 |


B-46

\$794,201,064

# Government National Mortgage Association 

GINNIE MAE ${ }^{\circledR}$

Guaranteed REMIC
Pass-Through Securities
and MX Securities
Ginnie Mae REMIC Trust 2003-113

[^4]Citigroup


[^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.

[^1]:    * The price does not include accrued interest. Accrued interest has been added to the price in calculating the yields set forth in the table.

[^2]:    (1) These Securities may be exchanged for MX Securities described in Schedule I.
    (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 type of Class with which the Class Notional Balance of each Notional Class will be reduced is indicated in parentheses.
    (4) See "Yield, Maturity and Prepayment Considerations - Final Distribution Date" in this Supplement.
    (5) See "Terms Sheet - Interest Rates" in this Supplement.

[^3]:    ${ }^{1}$ As of November 1, 2002.
    ${ }^{2}$ Does not include Trust Assets that will be added to pay the Trustee Fee.
    ${ }^{3}$ The Mortgage Loans underlying the Group 1, 2 and 4 Trust Assets may bear interest at rates ranging from $0.5 \%$ to $1.5 \%$ per annum above the related Certificate Rate.

[^4]:    OFFERING CIRCULAR SUPPLEMENT December 19, 2003

