

As filed with the United States Securities and Exchange Commission on December 3, 2001

SECURITIES AND EXCHANGE COMMISSION  
Washington, D.C. 20549

FORM S-3  
REGISTRATION STATEMENT UNDER  
THE SECURITIES ACT OF 1933

IMPAC MORTGAGE HOLDINGS, INC.  
(Exact name of Registrant as specified in its charter)

Maryland 33-0675505  
(State or other jurisdiction (I.R.S. Employer Identification No.)  
of incorporation or organization)

1401 Dove Street  
Newport Beach, California 92660  
(949) 475-3600  
(Address, including Zip Code, and Telephone Number, including Area Code, of  
each Registrant's Principal Executive Offices)

Ronald M. Morrison  
General Counsel  
Impac Mortgage Holdings, Inc.  
1401 Dove Street  
Newport Beach, California 92660  
(949) 475-3600  
(name, address, including zip code, and telephone number, including area code,  
of agent for service)

Copy To:  
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Los Angeles, CA 90067  
(310) 552-5000

Approximate date of commencement of proposed sale to the public: From time to time after the effective date of this registration statement.

If the only securities being registered on this Form are being offered pursuant to dividend or interest reinvestment plans, check the following box.

If any of the securities being registered on this Form are to be offered on a delayed or continuous basis pursuant to Rule 415 under the Securities Act of 1933, other than securities offered only in connection with dividend or interest reinvestment plans, check the following box.

If this Form is filed to register additional securities for an offering pursuant to Rule 462(b) under the Securities Act, please check the following box and list the Securities Act registration statement number of the earlier effective registration statement for the same offering.

If this Form is a post-effective amendment filed pursuant to Rule 462(c) under the Securities Act, check the following box and list the Securities Act registration statement number of the earlier effective registration statement for the same offering.

If delivery of the prospectus is expected to be made pursuant to Rule 434, please check the following box:

Continued on the next page.

Pursuant to rule 429 under the Securities Act of 1933, the prospectus included in this registration statement will also be used in connection with the issuance of debt securities, warrants, common stock and preferred stock registered pursuant to Registration Statement No. 333-34137 previously filed by the registrant on Form S-3.

The registrant hereby amends this registration statement on such date or dates as may be necessary to delay its effective date until the registrant shall file a further amendment which specifically states that this registration statement shall thereafter become effective in accordance with Section 8(a) of the Securities Act of 1933 or until the registration statement shall become effective on such date as the commission, acting pursuant to said Section 8(a), may determine.

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CALCULATION OF REGISTRATION FEES

Title Of Each Class Securities To Be Registered	Amount to be Registered(1)	Proposed Maximum Offering Price Per Unit(1)(2)	Maximum Proposed Aggregate Offering Price(1)(2)	Amount of Registration Fee(3)
Common Stock, \$.01 par value.....				
Preferred Stock, \$.01 par value.....				
Senior Notes.....				
Subordinated Notes.....				
Warrants to purchase Common Stock \$.01 par value.....				
Warrants to purchase Preferred Stock, \$.01 par value.....				
Total.....	\$262,557,850	100%	\$262,557,850	\$62,751.33

(1) Includes such indeterminate number of shares of common stock and associated preferred stock purchase rights and preferred stock and warrants with respect thereto, and such indeterminate principal amount of senior notes and subordinated notes as may from time to time be issued at indeterminate prices, and, such indeterminate number of shares of common stock and preferred stock as may be issued upon conversion of, or in exchange for, or upon exercise of warrants or convertible or exchangeable debt securities or preferred stock that provides for exercise or conversion into such securities (including any securities issuable upon stock splits and similar transactions pursuant to Rule 416 under the Securities Act). Also includes an indeterminate amount of shares of common stock as may from time to time be sold at indeterminate prices by the selling stockholders.

(2) Estimated solely for the purpose of calculating the registration fee pursuant to Rule 457.

(3) Pursuant to Rule 429 under the Securities Act, the Prospectus that forms a part of this Registration Statement, as such prospectus may be amended or supplemented from time to time, shall also relate to \$37,442,150 of aggregate principal amount of debt securities, warrants, common stock, and preferred stock previously registered pursuant to Registration Statement on Form S-3, Registration No. 333-34137, as amended. The Company paid a registration fee of \$11,346.09 (calculated at the fee in effect at the time of filing) in connection therewith.

Subject to completion dated December 3, 2001

PROSPECTUS

\$300,000,000

IMPAC MORTGAGE HOLDINGS, INC.

COMMON STOCK, PREFERRED STOCK,  
DEBT SECURITIES AND WARRANTS

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Impac Mortgage Holdings, Inc. may sell to the public:

- . common stock
- . preferred stock
- . debt securities
- . warrants to purchase common stock
- . warrants to purchase preferred stock

Unless the context otherwise requires, the terms "Company," "we," "us," and "our" in this prospectus refer to Impac Mortgage Holdings, Inc., a Maryland corporation, and its subsidiaries, IMH Assets Corp., and Impac Warehouse Lending Group, Inc. and its affiliate, Impac Funding Corporation (together with its wholly-owned subsidiaries Impac Secured Assets Corp. and Novelle Financial Services, Inc.). Unless the context otherwise indicates, "common stock" refers to the common stock, par value \$0.01 per share, of Impac Mortgage Holdings, Inc. and the associated preferred stock purchase rights issued under our rights agreement, as amended, dated October 7, 1998.

We will provide specific terms of each issuance of these securities in supplements to this prospectus. Shares of common stock may also be offered by certain selling stockholders pursuant to this prospectus. We will not receive any of the proceeds from the sale of common stock by selling stockholders. We urge you to read this prospectus and any accompanying prospectus supplement, which will describe the specific terms of the common stock, the preferred stock, the debt securities and the warrants, carefully before you make your investment decision.

Our company, or any selling stockholder, may sell these securities to or through underwriters, dealers or agents, or we may sell the securities directly to investors on our own behalf.

Our common stock is listed on the American Stock Exchange under the symbol "IMH."

An investment in the securities being offered involves significant risks. See "Risk Factors" beginning on page 1.

This prospectus may not be used to consummate sales of these securities unless it is accompanied by a prospectus supplement.

Neither the Securities and Exchange Commission nor any state securities commission has approved or disapproved of these securities or determined if this prospectus is truthful or complete. Any representation to the contrary is a criminal offense.

The date of this prospectus is           , 2001

The information contained in this prospectus is not complete and may be changed. You should rely only on the information incorporated by reference or provided in this prospectus or any prospectus supplement. We have not authorized anyone else to provide you with different information. We are not making or soliciting an offer of these securities in any state where the offer is not permitted. You should not assume that the information in this prospectus or any prospectus supplement is accurate as of any date other than the date on the front of those documents.

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### ABOUT THIS PROSPECTUS

This prospectus is part of a registration statement that we filed with the Securities and Exchange Commission using a "shelf" registration process. Under this shelf process, we may sell any combination of the securities described in this prospectus in one of more offerings up to a total dollar amount of proceeds of \$300,000,000. Under this shelf process, the selling stockholders also may from time to time offer shares of our common stock. This prospectus provides you with a general description of the securities we and the selling stockholders may offer. Each time we sell securities, we will provide a prospectus supplement that will contain specific information about the terms of that offering. That prospectus supplement may include a discussion of any risk factors or other specific considerations applicable to those securities. The prospectus supplement may also add, update or change information contained in this prospectus. If there is any inconsistency between the information in this prospectus and any prospectus supplement, you should rely on the information in the prospectus supplement. You should read both this prospectus and any prospectus supplement together with additional information described under the heading "Where You Can Find More Information."

The registration statement containing this prospectus, including the exhibits to the registration statement provides additional information about us and the securities offered under this prospectus. The registration statement, including the exhibits, can be read at the SEC website or at the SEC offices mentioned under the heading "Where You Can Find More Information."

## WHERE YOU CAN FIND MORE INFORMATION

We file reports, proxy statements, and other information with the SEC. Such reports, proxy statements, and other information concerning us can be read and copied at the SEC's Public Reference Room at 450 Fifth Street, N.W., Washington, D.C. 20549. Please call the SEC at 1-800-SEC-0330 for further information on the Public Reference Room. The SEC maintains an Internet site at <http://www.sec.gov> that contains reports, proxy and information statements and other information from issuers, including us, that file such documents electronically with the SEC. Our common stock is listed and traded on the American Stock Exchange. These reports, proxy statements and other information are also available for inspection at the offices of the American Stock Exchange, 86 Trinity Place, New York, New York 10006.

This prospectus is part of a registration statement we filed with the SEC. The full registration statement can be obtained from the SEC as indicated above, or directly from us, as indicated below.

The SEC allows us to "incorporate by reference" the information we file with the SEC. This permits us to disclose important information to you by referencing these filed documents. Any information referenced this way is considered part of this prospectus, and any information filed with the SEC subsequent to this prospectus will automatically be deemed to update and supersede this information. We incorporate by reference the following documents which we have filed with the SEC (File No. 0-19861) under the Securities Exchange Act of 1934 (the "Exchange Act"), and these documents are incorporated herein by reference:

- . Our Annual Report on Form 10-K for the fiscal year ended December 31, 2000 as filed on March 30, 2001 and as amended by Form 10-K/A filed on October 17, 2001;
- . Our Definitive Proxy Statement filed April 30, 2001 and amended on May 17, 2001;
- . Our Quarterly Report on Form 10-Q for the quarter ended March 31, 2001 as filed on May 15, 2001;
- . Our Quarterly Report on Form 10-Q for the quarter ended June 30, 2001 as filed on August 14, 2001 and as amended by Form 10-Q/A filed on October 12, 2001;
- . Our Quarterly Report on Form 10-Q for the quarter ended September 30, 2001 as filed on November 14, 2001;
- . Our Current Reports on Form 8-K dated October 26, 2001, October 24, 2001 and September 5, 2001; and
- . The description of our common stock contained in our registration statement on Form 8-A, including all amendments and reports filed for the purpose of updating such description.

We incorporate by reference the documents listed above and any future filings made with the SEC pursuant to Sections 13(a), 13(c), 14 or 15(d) of the Exchange Act from the date of this prospectus until we file a post-effective amendment which indicates the termination of the offering of the securities made by this prospectus. Nothing in this prospectus shall be deemed to incorporate information furnished by us but not filed with the SEC pursuant to Item 9 of Form 8-K.

Any statement contained in a document incorporated or considered to be incorporated by reference in this prospectus shall be considered to be modified or superseded for purposes of this prospectus to the extent that a statement contained in this prospectus or in any subsequently filed document that is or is considered to be incorporated by reference modifies or supersedes the statement. Each statement about the contents of any contracts or other document is qualified in all material respects by reference to such contract or other document. Any statement that is so modified or superseded shall not be deemed, except as so modified or superseded, to constitute a part of this prospectus.

We will provide without charge upon written or oral request, a copy of any or all of the documents which are incorporated by reference to this prospectus. You may direct your requests to Investor Relations, Impac Mortgage Holdings, Inc., 1401 Dove Street, Suite 100, Newport Beach, CA 92660, or by calling (949) 475-3600.

## CAUTIONARY STATEMENT CONCERNING FORWARD-LOOKING STATEMENTS

This prospectus and any accompanying prospectus supplements contain or incorporate by reference certain forward-looking statements within the meaning of Section 27A of the Securities Act of 1933 and Section 21E of the Securities Exchange Act of 1934. Forward-looking statements, some of which are based on various assumptions and events that are beyond our control, may be identified by reference to a future period or periods or by the use of forward-looking terminology, such as "may," "will," "believe," "expect," "anticipate," "continue," or similar terms or variations on those terms or the negative of those terms. Actual results could differ materially from those set forth in forward-looking statements due to a variety of factors, including, but not limited to, adverse economic conditions, changes in interest rates, changes in yield curves, changes in prepayment rates, the availability of financing and, if available, the terms of any financing. For a discussion of the risks and uncertainties that could cause actual results to differ from those contained in the forward-looking statements, see "Risk Factors" in this prospectus and any accompanying supplements. We do not undertake, and specifically disclaim any obligation, to publicly release the results of any revisions that may be made to any forward-looking statements to reflect the occurrence of anticipated or unanticipated events or circumstances after the date of such statements.

The following information may not contain all of the information that is important to you. We encourage you to read this prospectus and any accompanying prospectus supplements, as well as the information that is incorporated by reference in this prospectus and any accompanying prospectus supplements, in their entireties. You should carefully consider the factors set forth under "Risk Factors" on page 1 of this prospectus before making an investment decision to purchase our securities.

## SUMMARY

You should read the following summary together with the more detailed information regarding our company and the securities we or the selling stockholders may offer in this prospectus, and our consolidated financial statements and related notes included or incorporated by reference in this prospectus.

### IMPAC MORTGAGE HOLDINGS, INC.

Our company, Impac Mortgage Holdings, Inc., is a mortgage real estate investment trust, or "REIT." Together with our subsidiaries and affiliate, Impac Funding Corporation, we are a leading nationwide acquirer and originator of non-conforming Alt-A mortgage loans. "Alt-A" mortgage loans consist primarily of mortgage loans that are first lien mortgage loans made to borrowers whose credit is generally within typical Fannie Mae or Freddie Mac guidelines, but that have loan characteristics that make them non-conforming under those guidelines. For instance, the loans may have higher loan-to-value, or "LTV," ratios than allowable or may have excluded certain documentation or verifications. Therefore, in making our credit decisions, we are more reliant upon the borrower's Fair Issac Credit Score, or "FICO," and the adequacy of the underlying collateral. We also provide warehouse and repurchase financing to originators of mortgage loans. Our goal is to generate consistent reliable income for distribution to our stockholders, primarily from the earnings of our core businesses.

We operate three core businesses: our long-term investment operations, our mortgage operations, and our warehouse lending operations.

Our long-term investment operations invests primarily in non-conforming Alt-A mortgage loans. This business generates income based on the excess of the interest it earns on its investment portfolio and the expense associated with its borrowings against its investment portfolio. Our investment in non-conforming Alt-A mortgage loans and, to a lesser extent, mortgage-backed securities, is financed with collateralized mortgage obligations, or "CMO," borrowings and proceeds from the sale of capital stock. Our mortgage operations acquires, originates, sells and securitizes primarily non-conforming Alt-A mortgage loans. Our mortgage operations generates income by securitizing and selling loans to permanent investors, including our long-term investment operations. Our mortgage operations primarily uses warehouse lines of credit to finance the acquisition and origination of mortgage loans. Our warehouse operations provides short-term financing to mortgage loan originators by funding mortgage loans from their closing date until they are sold to pre-approved investors, including our long-term investment operations. Our warehouse lending operations earns fees, as well as a spread, from the difference between its cost of borrowings and the interest earned on advances against the loans prior to their sale. Generally, we seek to acquire the non-conforming Alt-A mortgage loans funded with facilities provided by our warehouse lending operations, which provides synergies with our long-term investment operations and mortgage operations.

Our principal executive offices are located at 1401 Dove Street, Newport Beach, California 92660. Our telephone number is (949) 475-3600.

### RISK FACTORS

A prolonged economic downturn or recession would adversely affect our operations and financial condition

Although we have not operated during a period of prolonged general economic downturn or a recession, these events have historically resulted in a reduction in mortgage origination activity and an increase in the rate of mortgage defaults. The United States economy is currently undergoing a period of slowdown, which some observers view as a recession. This economic condition has been worsened by the September 11, 2001 terrorist



attacks in New York, N.Y. and Washington, D.C., and Somerset County, Pennsylvania. A continued economic downturn or recession may have a significant adverse impact on our operations and our financial condition. For example, a reduction in new mortgages will adversely affect our ability to expand our mortgage portfolio, our principal means of increasing our earnings. In addition, a decline in new mortgage activity will likely result in reduced activity for our warehouse lending operations and our long-term investment portfolio operations. In the case of our mortgage operations, a decline in mortgage activity may result in fewer loans that meet its criteria for purchase and securitization, thus resulting in a reduction in interest income and fees and gain on sale of loans. We may also experience larger than previously reported losses on our portfolio due to a higher level of defaults on our mortgage loans.

Inability to generate liquidity may adversely affect our operations

If we cannot generate sufficient liquidity, we will be unable to continue to grow our operations, grow our asset base, maintain our current hedging policy, and pay dividends. We have traditionally derived our liquidity from four sources:

- . financing facilities provided to us by others to acquire or originate mortgage assets;
- . whole loan sales and securitizations of acquired or originated mortgage loans;
- . our issuance of equity and debt securities; and
- . earnings from operations.

We cannot assure you that any of these alternatives will be available to us, or if available, that we will be able to negotiate favorable terms. Our ability to meet our long-term liquidity requirements is subject to the renewal of our credit and repurchase facilities and/or obtaining other sources of financing, including additional debt or equity from time to time. Any decision by our lenders and/or investors to make additional funds available to us in the future will depend upon a number of factors, such as our compliance with the terms of our existing credit arrangements, our financial performance, industry and market trends in our various businesses, the lenders' and/or investors' own resources and policies concerning loans and investments, and the relative attractiveness of alternative investment or lending opportunities. If we cannot raise cash by selling debt or equity securities, we may be forced to sell our assets at unfavorable prices or discontinue various business activities. Our inability to access the capital markets could have a negative impact on our earnings and hence, our ability to pay dividends.

Margin calls on financing facilities may adversely affect our operations

Prior to the fourth quarter of 1998, we generally had no difficulty in obtaining favorable financing facilities or in selling acquired mortgage loans. However, during the fourth quarter of 1998, the mortgage industry experienced substantial turmoil as a result of a lack of liquidity in the secondary markets. At that time, investors expressed unwillingness to purchase interests in securitizations due, in part, to:

- . the lack of financing to acquire these securitization interests;
- . the widening of returns expected by institutional investors on securitization interests over the prevailing Treasury rate; and
- . market uncertainty.

As a result, many mortgage loan originators, including our company, were unable to access the securitization market on favorable terms. This resulted in some companies declaring bankruptcy. Originators, like our company, were required to sell loans on a whole loan basis and liquidate holdings of mortgage-backed securities to repay short-term borrowings. However, the large amount of loans available for sale on a whole loan basis affected the pricing offered for these loans, which in turn reduced the value of the collateral underlying the financing facilities. Therefore, many providers of financing facilities initiated margin calls. Margin calls resulted

when our lenders evaluated the market value of the collateral securing our financing facilities and required us to provide them with additional equity or collateral to secure our borrowings.

Our financing facilities were short-term borrowings and due to the turmoil in the mortgage industry during the latter part of 1998 many traditional providers of financing facilities were unwilling to provide facilities on favorable terms, or at all. Our current financing facilities continue to be short-term borrowings and we expect this to continue. If we cannot renew or replace maturing borrowings, we may have to sell, on a whole loan basis, the loans securing these facilities which, depending upon market conditions, may result in substantial losses.

#### Dependence on securitizations for liquidity

We rely significantly upon securitizations to generate cash proceeds to repay borrowings and to create credit availability. Any reduction in our ability to complete securitizations may require us to utilize other sources of financing, which, if available at all, may be on unfavorable terms. In addition, delays in closing securitizations of our mortgage loans increase our risk by exposing our company to credit risks for this extended period of time. Furthermore, gains on sales from our securitizations represent a significant portion of our earnings.

Several factors could affect our ability to complete securitizations of our mortgages, including:

- . conditions in the securities and secondary markets;
- . credit quality of the mortgage loans acquired or originated through our mortgage operations;
- . volume of our mortgage loan acquisitions and originations;
- . our ability to obtain credit enhancements; and
- . lack of investors purchasing higher risk components of the securities.

If we are unable to profitably securitize a significant number of our mortgage loans in a particular financial reporting period, then we could experience lower income or a loss for that period. As a result of turmoil in the securitization market during the latter part of 1998, many mortgage lenders, including our company, were required to sell mortgage loans on a whole loan basis under adverse market conditions in order to generate liquidity. Many of these sales were made at prices lower than our carrying value of the mortgage loans and we experienced substantial losses. We cannot assure you that we will be able to continue to profitably securitize or sell our loans on a whole loan basis, or at all.

The market for first loss risk securities, which are securities that take the first loss when mortgages are not paid by the borrowers, is generally limited. In connection with our REMIC securitizations, we endeavor to sell all securities subjecting us to a first loss risk. If we cannot sell these securities, we may be required to hold them for an extended period, subjecting us to a first loss risk.

Our borrowings and substantial leverage may cause losses

#### Risks of use of collateralized mortgage obligations

To grow our investment portfolio, we borrow a substantial portion of the market value of substantially all of our investments in mortgage loans and our remaining mortgage-backed securities portfolio. We currently use collateralized mortgage obligations as financing vehicles to increase our leverage, since mortgage loans held for collateralized mortgage obligation collateral are retained for investment rather than sold in a secondary market transaction. Retaining mortgage loans as collateral for collateralized mortgage obligations exposes our operations to greater credit losses than does the use of other securitization techniques that are treated as sales. Although our liability under a collateralized mortgage obligation is limited to the collateral used to create the collateralized mortgage obligation, we generally are required to make a cash equity investment to fund collateral in excess of the amount of the securities issued. If we experience greater credit losses than expected on the pool of loans

subject to the collateralized mortgage obligation, the value of our equity investment will decrease and we would have to increase the allowance for loan losses on our financial statements.

#### Cost of borrowings may exceed return on assets

The cost of borrowings under our financing facilities corresponds to a referenced interest rate plus or minus a margin. The margin varies depending on factors such as the nature and liquidity of the underlying collateral and the availability of financing in the market. We will experience net interest losses if the returns on our assets financed with borrowed funds fail to cover the cost of our borrowings, and we did not implement any applicable financial hedges.

#### Default risks under financing facilities

If we default under our financing facilities, our lenders could force us to liquidate the collateral. If the value of the collateral is less than the amount borrowed, we could be required to pay the difference in cash. If we were to declare bankruptcy, some of our reverse repurchase agreements may obtain special treatment and our creditors would then be allowed to liquidate the collateral without any delay. On the other hand, if a lender with whom we have a reverse repurchase agreement declares bankruptcy, we might experience difficulty repurchasing our collateral, or enforcing our claim for damages, and it is possible that our claim could be repudiated and we could be treated as an unsecured creditor. If this occurs, our claims would be subject to significant delay and we may receive substantially less than our actual damages or nothing at all.

#### Risk of lack of return of investment upon liquidation

We have pledged a substantial portion of our assets to secure the repayment of collateralized mortgage obligations issued in securitizations, our financing facilities and our other borrowings. We will also pledge substantially all of our current and future mortgage loans to secure borrowings pending their securitization or sale. The cash flows we receive from our investments that have not yet been distributed, pledged or used to acquire mortgage loans or other investments may be the only unpledged assets available to our unsecured creditors and you if our company was liquidated.

#### Interest rate fluctuations may adversely affect our operating results

Our operations, as a portfolio manager, a mortgage loan acquirer and originator or a warehouse lender, may be adversely affected by rising and falling interest rates. Higher interest rates may discourage potential borrowers from refinancing mortgages, borrowing to purchase homes or seeking second mortgages. This may decrease the amount of mortgages available to be acquired or originated by our mortgage operations and decrease the demand for warehouse financing provided by our warehouse lending operations. If short-term interest rates exceed long-term interest rates, there is a higher risk of increased loan prepayments, as borrowers may seek to refinance their fixed and adjustable rate mortgage loans at lower long-term fixed interest rates. Increased loan prepayments could lead to a reduction in the number of loans in our investment portfolio and reduce our net interest income.

We are subject to the risk of rising mortgage interest rates between the time we commit to purchase mortgages at a fixed price and the time we sell or securitize those mortgages. An increase in interest rates will generally result in a decrease in the market value of mortgages that we have committed to purchase at a fixed price, but have not been sold or securitized or have not been properly hedged.

#### Risks of repricing of assets and liabilities

Our principal source of revenue is net interest income or net interest spread from our investment portfolio, which is the difference between the interest we earn on our interest earning assets and the interest we pay on our interest bearing liabilities. The rates we pay on our borrowings are independent of the rates we earn on our assets

and may be subject to more frequent periodic rate adjustments. Therefore, we could experience a decrease in net interest income or a net interest loss because the interest rates on our borrowings could increase faster than the interest rates on our assets. If our net interest spread becomes negative, we will be paying more interest on our borrowings than we will be earning on our assets and we will be exposed to a risk of loss.

Additionally, the rates paid on our borrowings and the rates received on our assets may be based upon different indices (e.g., LIBOR, U.S. Treasuries, etc.). If the index used to determine the rate on our borrowings increases faster than the index used to determine the rate on our assets, we will experience a declining net interest spread, which will have a negative impact on our profitability, and may result in losses.

#### Risks of adjustable rate mortgages

A substantial portion of the mortgage assets held by our long-term investment operations are fixed for a period of time then become adjustable rate mortgages or bear interest based upon short-term interest rate indices. We generally fund these mortgage assets with variable borrowings. To the extent that there is an increase in the interest rate index used to determine our adjustable rate borrowings and that increase is not covered by our current hedging policy, the net interest margin will decrease or become negative.

#### Interest rate caps

Adjustable rate mortgages typically have interest rate caps, which limit interest rates charged to the borrower during any given period. Our borrowings are not subject to similar restrictions. As a result, in a period of rapidly increasing interest rates, the interest rates we pay on our borrowings could increase without limitation, while the interest rates we earn on our adjustable rate mortgage assets would be capped. If this occurs, our net earnings could be significantly reduced or we could suffer a net interest loss.

Prepayments of adjustable rate mortgage loans may adversely affect our operations

Mortgage prepayments generally increase on our adjustable rate mortgages when fixed mortgage interest rates fall below the then-current interest rates on outstanding adjustable rate mortgage loans. Prepayments on mortgage loans are also affected by the terms and credit grades of the loans, conditions in the housing and financial markets and general economic conditions. Most of the adjustable rate mortgages that we acquire are originated within three months of the time we purchased the mortgages and generally bear initial interest rates that are lower than their fully-indexed amount (the applicable index plus the margin). If we acquire these mortgages at a premium and they are prepaid prior to or soon after the time of adjustment to a fully-indexed rate without payment of any prepay penalty, we would not have received interest at the fully-indexed rate during such period and we must expense the unamortized premium that was paid for the loan at the time of the prepayment. This means we would lose the opportunity to earn interest at that rate over the expected life of the mortgage. Also, if prepayments on our adjustable rate mortgage loans increase when interest rates are declining, our net interest income may decrease if we cannot reinvest the prepayments in mortgage assets bearing comparable rates.

We generally acquire mortgages on a "servicing released" basis, meaning we acquire both the mortgages and the rights to service them. This strategy requires us to pay a higher purchase price or premium for the mortgages. If the mortgage loans that we acquire at a premium prepay faster than originally projected, generally accepted accounting principles require us to write down the remaining capitalized premium amounts at a faster speed than was originally projected, which would decrease our current net interest income.

Value of our portfolio of mortgage-backed securities may be adversely affected

Prior to 1998, we invested in mortgage-backed securities known as interest-only, principal-only, residual interest or other subordinated securities. Investments in residual interest and subordinated securities are much riskier than investments in senior mortgage-backed securities because these subordinated securities bear all credit

losses prior to the related senior securities. The risk associated with holding residual interest and subordinated securities is greater than holding the underlying mortgage loans directly due to the concentration of losses attributed to the subordinated securities.

We estimate future cash flows from these securities and value them utilizing assumptions based in part on projected discount rates, mortgage loan prepayments and credit losses. If our actual experience differs from our assumptions, we would be required to reduce the value of these securities. The market for our asset-backed securities is extremely limited and we cannot assure you that we could sell these securities at their reported value, or at any value or that we could recoup our initial investment.

In addition, we may not obtain our anticipated yield or we may incur losses if the credit support available within certain mortgage-backed securities is inadequate due to unanticipated levels of losses, or due to difficulties experienced by the credit support provider. Delays or difficulties encountered in servicing the mortgages in mortgage-backed securities may cause greater losses and, therefore, greater resort to credit support than was originally anticipated, and may cause a rating agency to downgrade certain classes of our mortgage-backed securities, which might then equate to a reduction of the value of the security.

We undertake additional risks by acquiring and investing in mortgage loans

#### Risk of failure to obtain credit enhancements

We do not obtain credit enhancements such as mortgage pool or special hazard insurance for all of our mortgage loans and investments. Generally, we require mortgage insurance on any loan with a loan-to-value ratio greater than 80%. During the time we hold mortgage loans for investment, we are subject to risks of borrower defaults and bankruptcies and special hazard losses that are not covered by standard hazard insurance. If a borrower defaults on a mortgage loan that we hold, we bear the risk of loss of principal to the extent there is any deficiency between the value of the related mortgaged property and the amount owing on the mortgage loan and any insurance proceeds available to us through the mortgage insurer. In addition, since defaulted mortgage loans, which under our financing arrangements are mortgage loans that are generally 60 to 90 days delinquent in payments, may be considered ineligible collateral under our borrowing arrangements, we could bear the risk of being required to own these loans without the use of borrowed funds until they are ultimately liquidated or possibly sold at a loss.

#### Greater risks from non-conforming Alt-A mortgage loans

We are an acquirer and originator of non-conforming Alt-A residential mortgage loans. These are residential mortgages that do not qualify for purchase by government sponsored agencies such as the Federal National Mortgage Association and the Federal Home Loan Mortgage Corporation. Our operations may be negatively affected due to our investments in non-conforming Alt-A mortgage loans. Credit risks associated with non-conforming Alt-A mortgage loans are greater than conforming mortgage loans. The interest rates we charge on non-conforming Alt-A loans are often higher than those charged for conforming loans in order to compensate for the higher risk and lower liquidity. Lower levels of liquidity may cause us to hold loans or other mortgage-related assets supported by these loans that we otherwise would not hold. By doing this, we assume the potential risk of increased delinquency rates and/or credit losses as well as interest rate risk. Additionally, the combination of different underwriting criteria and higher rates of interest leads to greater risk, including higher prepayment rates and higher delinquency rates and/or credit losses.

#### Risks related to lending to non-conforming Alt-A borrowers

As a lender of non-conforming Alt-A mortgage loans, our market includes borrowers who may be unable to obtain mortgage financing from conventional mortgage sources. Loans made to such non-conforming Alt-A borrowers generally entail a higher risk of delinquency and higher losses than loans made to borrowers who utilize conventional mortgage sources. Delinquency, foreclosures and losses generally increase during economic

slowdowns or recessions. The actual risk of delinquencies, foreclosures and losses on loans made to non-conforming Alt-A borrowers could be higher under adverse economic conditions than those currently experienced in the mortgage lending industry in general. Further, any material decline in real estate values increases the loan-to-value ratios of loans previously made by us, thereby weakening collateral coverage and increasing the possibility of a loss in the event of a borrower default. Any sustained period of increased delinquencies, foreclosures or losses after the loans are sold could adversely affect the pricing of our future loan sales and our ability to sell or securitize our loans in the future. In the past, certain of these factors have caused revenues and net income of many participants in the mortgage industry, including us, to fluctuate from quarter to quarter.

#### Second mortgages entail greater risks

Our security interest in the property securing second mortgages is subordinated to the interest of the first mortgage holder and the second mortgages have a higher cumulative loan-to-value ratio. If the value of the property is equal to or less than the amount needed to repay the borrower's obligation to the first mortgage holder upon foreclosure, our second mortgage loan will not be repaid.

#### Geographic concentration of mortgage loans has higher risks

We do not set limitations on the percentage of our mortgage asset portfolio composed of properties located in any one area (whether by state, zip code or other geographic measure). Concentration in any one area increases our exposure to the economic and natural hazard risks associated with that area. We estimate that a high concentration of the loans included in securitizations in which we hold residual interests are secured by properties in California and Florida. Certain parts of California and Florida have experienced an economic downturn in past years and have suffered in the past the effects of certain natural hazards.

#### Potential losses related to recourse obligations

Mortgage-backed securities issued in connection with our securitizations have been non-recourse to us, except in the case of a breach of standard representations and warranties made by us when the loans are securitized. While we have recourse against our customers, the correspondent sellers and mortgage brokers of mortgage loans, we cannot assure you that they will honor their obligations. We also engage in bulk whole loan sales pursuant to agreements that provide for recourse by the purchaser against us. In some cases, the remedies available to a purchaser of mortgage loans from us are broader than those available to us against those who sell us these loans. If a purchaser exercises its rights against us, we may not always be able to enforce whatever remedies we may have against our customers.

#### Risks related to representations and warranties in loan sales and securitizations

In connection with our securitizations, we transfer loans acquired or originated by us into a trust in exchange for cash and, in the case of a CMO, residual certificates issued by the trust. The trustee will have recourse to us with respect to the breach of the standard representations and warranties made by us at the time such loans are transferred. While we generally have recourse to our customers for any such breaches, there can be no assurance of our customers' abilities to honor their respective obligations. Also, we engage in bulk whole loan sales pursuant to agreements that generally provide for recourse by the purchaser against us in the event of a breach of one of our representations or warranties, any fraud or misrepresentation during the mortgage loan origination process, or upon early default on such mortgage loan. We generally limit the potential remedies of such purchasers to the potential remedies we receive from the people from whom we acquired or originated the mortgage loans. However, in some cases, the remedies available to a purchaser of mortgage loans from us may be broader than those available to us against the sellers of the loans and should a purchaser enforce its remedies against us, we may not always be able to enforce whatever remedies we have against our customers.

In the ordinary course of our business, we are subject to claims made against us by borrowers and trustees in our securitizations arising from, among other things, losses that are claimed to have been incurred as a result of

alleged breaches of fiduciary obligations, misrepresentations, errors and omissions of our employees, officers and agents (including our appraisers), incomplete documentation and our failure to comply with various laws and regulations applicable to our business. Any claims asserted against us may result in legal expenses or liabilities that could have a material adverse effect on our results of operations or financial condition.

We face risks related to our use of IDASL

We utilize the Internet in our business principally for the implementation of our automated loan origination program, IDASL. IDASL may be interrupted if the Internet experiences periods of poor performance, if our computer systems or the systems of our third-party service providers contain defects, or if customers are reluctant to use or have inadequate connectivity to the Internet. Increased government regulation of the Internet could also adversely affect our use of the Internet in unanticipated ways and discourage our customers from using our services. If our ability to use the Internet in providing our services is impaired, our ability to originate or acquire loans on an automated basis could be delayed or reduced. Any substantial delay and reduction in our mortgage loan acquisitions and originations will reduce our net earnings for the applicable period.

We are subject to risks of operational failure that are beyond our control

Substantially all of our operations are located in Newport Beach, California. Our systems and operations are vulnerable to damage and interruption from fire, flood, telecommunications failure, break-ins, earthquake and similar events. Our operations may also be interrupted by power disruptions, including rolling black-outs implemented in California due to the state's continuing acute power shortage. We do not maintain alternative power sources. Furthermore, our security mechanisms may be inadequate to prevent security breaches to our computer systems, including from computer viruses, electronic break-ins and similar disruptions. Such security breaches or operational failures could expose us to liability, impair our operations, result in losses, and harm our reputation.

We rely on third-party software for the implementation of IDASL

We have a licensing agreement with a third-party vendor for the use of hardware and software for IDASL. Substantially all of our correspondents are submitting loans through IDASL and 100% of all of our wholesale loans delivered by brokers are directly underwritten through the use of IDASL. The termination or impairment of this license could result in delays and reductions in the acquisition and origination of mortgage loans until equivalent hardware and software could be licensed and integrated, if at all possible, which may harm our business. In addition, we would be harmed if the provider from whom we license software ceases to deliver and support reliable products, enhance their current products or respond to emerging industry standards. If the hardware or software provided by our vendor fails for any reason, and the back-up hardware and software is not implemented in a timely manner, it may also delay and reduce those mortgage loan acquisitions and originations done through IDASL. The third-party hardware and software also may not continue to be available to us on commercially reasonable terms or at all. Any substantial delay and reduction in our mortgage loan acquisitions and originations will reduce our net earnings for the applicable period.

Intense competition for mortgage loans may adversely affect our operations

We compete in acquiring and originating non-conforming Alt-A mortgage loans and issuing mortgage-backed securities with:

- . other mortgage conduit programs;
- . investment banking firms;
- . savings and loan associations;
- . banks;
- . thrift and loan associations;

- . finance companies;
- . mortgage bankers;
- . insurance companies;
- . other lenders; and
- . other entities purchasing mortgage assets.

Some of our competitors are larger and have greater resources than we do.

Consolidation in the mortgage banking industry may adversely affect us by reducing the number of current customers of our mortgage operations and our potential customer base. As a result, we may have to purchase a larger percentage of mortgage loans from a smaller number of customers, which may reduce our profit margins, or increase the cost to acquire these types of loans.

We undertake additional risks in providing warehouse financing

As a warehouse lender, we lend money to mortgage bankers on a secured basis and we are subject to the risks associated with lending to mortgage banks, including the risks of fraud, borrower default and bankruptcy, any of which could result in credit losses for us. Our claims as a secured lender in a bankruptcy proceeding may be subject to adjustment and delay.

We may not pay dividends to stockholders

REIT provisions of the Internal Revenue Code generally require us to distribute to our stockholders at least 90% of all of our taxable income. These provisions restrict our ability to retain earnings and thereby renew capital for our business activities. We may decide at a future time not to be treated as a REIT, which would cause us to be taxed at the corporate level and to cease paying regular dividends. Also, to date, a portion of our taxable income consists of distributions by our mortgage operations subsidiary to our long-term investment operations entity. However, our mortgage operations were not, and are not, required under the REIT provisions to make these distributions. Since we are trying to retain earnings for future growth, we may not cause our mortgage operations subsidiary to make these distributions in the future. This would materially affect the amount of taxable income generated by us and the amount of dividends required to be paid by us to our stockholders.

Due to losses incurred in 2000, we did not declare any dividends from September 2000 until September 25, 2001. To the extent we do not generate any taxable income, we would not be required to declare and pay dividends to maintain REIT status.

Potential alternative minimum tax liability

To the extent we have a net operating loss carryover for federal income tax purposes, we can offset our regular taxable income for the 2001 taxable year with the net operating loss carryover and thereby eliminate our liability for regular corporate income tax on the amount of income so offset. In computing alternative minimum tax, however, we will be allowed to use only 90% of the net operating loss deduction allowable for purposes of computing the regular income tax. Thus, to the extent we shelter our income with the net operating loss carryover deduction, we will be subject to alternative minimum tax at a rate of 20% on 10% of the income offset by the net operating loss for regular tax purposes. In other words, the effective federal income tax rate on the amount offset by the net operating loss deduction is 2%.



If we fail to maintain our REIT status, we may be subject to taxation as a regular corporation

We believe that we have operated and intend to continue to operate in a manner that enables us to meet the requirements for qualification as a REIT for federal income tax purposes. We have not requested, and do not plan to request, a ruling from the Internal Revenue Service that we qualify as a REIT.

Moreover, no assurance can be given that legislation, new regulations, administrative interpretations or court decisions will not significantly change the tax laws with respect to qualification as a REIT or the federal income tax consequences of such qualification. Our continued qualification as a REIT will depend on our satisfaction of certain asset, income, organizational and stockholder ownership requirements on a continuing basis.

If we fail to qualify as a REIT, we would not be allowed a deduction for distributions to stockholders in computing our taxable income and would be subject to federal income tax at regular corporate rates. We also may be subject to the federal alternative minimum tax. Unless we are entitled to relief under specific statutory provisions, we could not elect to be taxed as a REIT for four taxable years following the year during which we were disqualified. Therefore, if we lose our REIT status, the funds available for distribution to you would be reduced substantially for each of the years involved. Failure to qualify as a REIT could adversely affect the value of our common stock.

#### Effect of distribution requirements

As a REIT, we are subject to annual distribution requirements, which limit the amount of cash we have available for other business purposes, including amounts to fund our growth.

#### Other tax liabilities

Even if we qualify as a REIT, we may be subject to certain federal, state, and local taxes on our income, property and operations that could reduce operating cash flow.

#### Our quarterly operating results may fluctuate

Our results of operations, and more specifically our earnings, may significantly fluctuate from quarter to quarter based on several factors, including:

- . changes in the amount of mortgage loans we acquire or originate;
- . differences between our cost of funds on borrowings and the average interest rates earned on our mortgage loans;
- . our inability to complete, or decisions not to complete, significant bulk whole loan sales or securitizations in a particular quarter; and
- . problems generally affecting the mortgage loan industry.

A delay in closing a particular mortgage loan sale or securitization would also increase our exposure to interest rate fluctuations by lengthening the period during which our variable rate borrowings under our warehouse facilities are outstanding. If we were unable to sell a sufficient number of mortgage loans at a premium during a particular reporting period, our revenues for that period would decline, which could have a material adverse affect on our operations. As a result, our stock price could also fluctuate.

#### Our share prices have been and may continue to be volatile

Historically, the market price of our common stock has been volatile. During 2000, our stock reached a high of \$4.38 per share and a low of \$1.83 per share. For the first nine months of 2001, our common stock reached a

high of \$8.15 per share and a low of \$2.85 per share. The market price of our common stock is likely to continue to be highly volatile and could be significantly affected by factors including:

- . the amount of dividends paid;
- . availability of liquidity in the securitization market;
- . loan sale pricing;
- . calls by warehouse lenders or changes in warehouse lending rates;
- . unanticipated fluctuations in our operating results;
- . prepayments on mortgages;
- . valuations of securitization related assets;
- . cost of funds; and
- . general market conditions.

In addition, significant price and volume fluctuations in the stock market have particularly affected the market prices for the common stock of mortgage REIT companies such as ours. These broad market fluctuations have adversely affected and may continue to adversely affect the market price of our common stock. If our results of operations fail to meet the expectations of securities analysts or investors in a future quarter, the market price of our common stock could also be materially adversely affected.

Value of our mortgage servicing rights is subject to adjustment

When we purchase loans that include the associated servicing rights, the allocated cost of the servicing rights is reflected on our financial statements as mortgage servicing rights. To determine the fair value of these servicing rights, we use assumptions to estimate future net servicing income including projected discount rates, mortgage loan prepayments and credit losses. If actual prepayments or defaults with respect to loans serviced occur more quickly than we originally assumed, we would have to reduce the carrying value of our mortgage servicing rights. We do not know if our assumptions will prove correct.

Our operating results will be affected by the results of our hedging activities

To offset the risks associated with our mortgage operations, we enter into transactions designed to hedge our interest rate risks. To offset the risks associated with our long-term investment operations, we attempt to match the interest rate sensitivities of our adjustable rate mortgage assets held for investment with the associated financing liabilities. Our management determines the nature and quantity of the hedging transactions based on various factors, including market conditions and the expected volume of mortgage loan purchases. We do not limit management's use of certain instruments in such hedging transactions. While the Company believes that it is properly hedging its interest rate risk, the accounting for such hedging activities may not, and in some cases do not, qualify for hedge accounting under accounting principles generally accepted in the United States of America and FAS 133. The effect of the Company's hedging strategy may result in some volatility in its quarterly earnings as interest rates go up or down. While the Company believes it is properly hedging its interest rate risk, we cannot assure you that our hedging transactions will offset the risk of adverse changes in net interest margins.

Reduction in demand for residential mortgage loans and our non-conforming loan products may adversely affect our operations

The availability of sufficient mortgage loans meeting our criteria is dependent in part upon the size and level of activity in the residential real estate lending market and, in particular, the demand for non-conforming mortgage loans, which is affected by:

- . interest rates;
- . national economic conditions;
- . residential property values; and
- . regulatory and tax developments.

If our mortgage loan purchases decrease, we will have:

- . decreased economies of scale;
- . higher origination costs per loan;
- . reduced fee income;
- . smaller gains on the sale of non-conforming mortgage loans; and
- . an insufficient volume of loans to generate securitizations which thereby causes us to accumulate loans over a longer period.

Our delinquency ratios and our performance may be adversely affected by the performance of parties who sub-service our loans

We contract with third-party sub-servicers for the sub-servicing of all the loans in which we retain servicing rights, including those in our securitizations. Our operations are subject to risks associated with inadequate or untimely servicing. Poor performance by a sub-servicer may result in greater than expected delinquencies and losses on our loans. A substantial increase in our delinquency or foreclosure rate could adversely affect our ability to access the capital and secondary markets for our financing needs. Also, with respect to loans subject to a securitization, greater delinquencies would adversely impact the value of any interest-only, principal-only and subordinated securities we hold in connection with that securitization.

In a securitization, relevant agreements permit us to be terminated as servicer or master servicer under specific conditions described in these agreements, such as the failure of a sub-servicer to perform certain functions within specific time periods. If, as a result of a sub-servicer's failure to perform adequately, we were terminated as servicer of a securitization, the value of any servicing rights held by us would be adversely affected.

#### Recent developments

The Tax Relief Extension Act of 1999 was enacted and it contains several tax provisions regarding REITs. It includes a provision, which reduces the annual distribution requirement for REIT taxable income from 95% to 90%. It also changes the 10% voting securities test under current law to a 10% vote or value test. Thus, subject to certain exceptions, a REIT will no longer be allowed to own more than 10% of the vote or value of the outstanding securities of any issuer, other than a qualified REIT subsidiary or another REIT. One exception to this new test, which is also an exception to the 5% asset test under current law, allows a REIT to own any or all of the securities of a taxable REIT subsidiary. A taxable REIT subsidiary can perform non-customary services as well as engage in non-real estate activities. A taxable REIT subsidiary will be taxed as a regular C corporation but will be subject to earnings stripping limitations on the deductibility of interest paid to its REIT. In addition, the REIT will be subject to a 100% excise tax to the extent any transaction between the taxable REIT subsidiary and the REIT is not conducted on an arm's length basis. Securities of a taxable REIT subsidiary will constitute

non-real-estate assets for purposes of determining whether at least 75% of a REIT's assets consist of real estate assets. In addition, no more than 20% of a REIT's total assets can consist of securities of taxable REIT subsidiaries. These new tax provisions became effective January 1, 2001. In addition, grandfather protection is provided with respect to the 10% value test for securities of a corporation held by a REIT on July 12, 1999, but such protection ceases to apply after the corporation engages in a substantial new line of business or acquires any substantial asset and also ceases to apply after the acquisition of additional securities of the corporation by the REIT after July 12, 1999.

Because we currently own more than 10% of the value of IFC, we made an election to have IFC become a taxable REIT subsidiary as of January 1, 2001.

Potential characterization of distributions or gain on sale as unrelated business taxable income to tax-exempt investors

If (1) all or a portion of our assets are subject to the rules relating to taxable mortgage pools, (2) we are a "pension-held REIT," (3) a tax-exempt stockholder has incurred debt to purchase or hold our common stock, or (4) the residual REMIC interests we buy generate "excess inclusion income," then a portion of the distributions to and, in the case of a stockholder described in (3), gains realized on the sale of common stock by, such tax-exempt stockholder may be subject to Federal income tax as unrelated business taxable income under the Internal Revenue Code.

Classification as a taxable mortgage pool could subject us to increased taxation

If we have borrowings with two or more maturities and, (1) those borrowings are secured by mortgage loans or mortgage-backed securities and, (2) the payments made on the borrowings are related to the payments received on the underlying assets, then the borrowings and the pool of mortgage loans or mortgage backed securities to which such borrowings relate may be classified as a taxable mortgage pool under the Internal Revenue Code. If any part of our company were to be treated as a taxable mortgage pool, then our REIT status would not be impaired, but a portion of the taxable income we recognize may, under regulations to be issued by the Treasury Department, be characterized as "excess inclusion" income and allocated among our stockholders to the extent of and generally in proportion to the distributions we make to each stockholder. Any excess inclusion income would:

- . not be allowed to be offset by a stockholder's net operating losses;
- . be subject to a tax as unrelated business income if a stockholder were a tax-exempt stockholder;
- . be subject to the application of federal income tax withholding at the maximum rate (without reduction for any otherwise applicable income tax treaty) with respect to amounts allocable to foreign stockholders; and
- . be taxable (at the highest corporate tax rate) to us, rather than to our stockholders, to the extent the excess inclusion income relates to stock held by disqualified organizations (generally, tax-exempt companies not subject to tax on unrelated business income, including governmental organizations).

Based on advice of our tax counsel, we take the position that our existing financing arrangements do not create a taxable mortgage pool.

Our operations may be adversely affected if we are subject to the Investment Company Act

We intend to conduct our business at all times so as not to become regulated as an investment company under the Investment Company Act. The Investment Company Act exempts entities that are primarily engaged in the business of purchasing or otherwise acquiring mortgages and other liens on and interests in real estate.

In order to qualify for this exemption we must maintain at least 55% of our assets directly in mortgage loans, qualifying pass-through certificates and certain other qualifying interests in real estate. Our ownership of

certain mortgage assets may be limited by the provisions of the Investment Company Act. If the Securities and Exchange Commission adopts a contrary interpretation with respect to these securities or otherwise believes we do not satisfy the above exception, we could be required to restructure our activities or sell certain of our assets. To insure that we continue to qualify for the exemption we may be required at times to adopt less efficient methods of financing certain of our mortgage assets and we may be precluded from acquiring certain types of higher-yielding mortgage assets. The net effect of these factors will be to lower at times our net interest income. If we fail to qualify for exemption from registration as an investment company, our ability to use leverage would be substantially reduced, and we would not be able to conduct our business as described. Our business will be materially and adversely affected if we fail to qualify for this exemption.

Future revisions in policies and strategies made at the discretion of our board of directors may be affected without stockholder consent

Our board of directors, including a majority of our unaffiliated directors, has established our investment and operating policies and strategies. We may:

- . invest in the securities of other REITs for the purpose of exercising control;
- . issue securities in exchange for property; and
- . repurchase or otherwise reacquire our shares or other securities in the future.

In October 1998, we adopted a repurchase plan to repurchase up to \$5.0 million of our common stock in the open market. In 1999, the board of directors approved common stock repurchases up to an additional \$5.0 million, or a total of \$10.0 million. During 1999, we repurchased 2.0 million shares of our common stock for \$9.9 million. During 2000, we adopted a repurchase plan to repurchase up to \$3.0 million of our common stock in the open market. As of December 31, 2000, we had repurchased 991,000 shares for \$2.3 million. We may also underwrite the securities of other issuers, although we have no present intention to do so. Any of the policies, strategies and activities may be modified or waived by our board of directors, subject in certain cases to approval by a majority of our unaffiliated directors, without stockholder consent.

Effect of future offerings may adversely affect market price of our securities

We may elect to increase our capital resources by making additional private or public offerings of securities in the future. We do not know:

- . the actual or perceived effect of these offerings;
- . the timing of these offerings;
- . the dilution of the book value or earnings per share of our securities then outstanding; and
- . the effect on the market price of our securities then outstanding.

Risk relating to common stock

The sale or the proposed sale of substantial amounts of our common stock in the public market could materially adversely affect the market price of our common stock or other outstanding securities.

Possible adverse consequences of limits on ownership of shares

Our charter limits ownership of our capital stock by any single stockholder to 9.5% of our outstanding shares unless waived by the board of directors. Our board of directors may increase the 9.5% ownership limit. In addition, to the extent consistent with the REIT provisions of the Internal Revenue Code, our board of directors may, pursuant to our articles of incorporation, waive the 9.5% ownership limit for a stockholder or purchaser of our stock. In order to waive the 9.5% ownership limit our board of directors must require the stockholder

requesting the waiver to provide certain representations to the Company to ensure compliance with the REIT provisions of the Internal Revenue Code. Our charter also prohibits anyone from buying shares if the purchase would result in us losing our REIT status. This could happen if a share transaction results in fewer than 100 persons owning all of our shares or in five or fewer persons, applying certain broad attribution rules of the Internal Revenue Code, owning more than 50% (by value) of our shares. If you or anyone else acquires shares in excess of the ownership limit or in violation of the ownership requirements of the Internal Revenue Code for REITs, we:

- . will consider the transfer to be null and void;
- . will not reflect the transaction on our books;
- . may institute legal action to enjoin the transaction;
- . will not pay dividends or other distributions with respect to those shares;
- . will not recognize any voting rights for those shares;
- . we may redeem the shares; and
- . will consider the shares held in trust for the benefit of a charitable beneficiary as designated by us.

The trustee shall sell the shares held in trust and the owner of the excess shares will be entitled to the lesser of:

- (a) the price paid by the owner;
- (b) if the owner did not purchase for the excess shares, the closing price for the shares on the national securities exchange on which the company is listed; or
- (c) the price received by the trustee from the sale of the shares.

An individual who acquires shares that violate the above rules bears the risk that (1) he may lose control over the power to dispose of his shares, (2) he may not recognize profit from the sale of his shares if the market price of the shares increases, (3) he may be required to recognize a loss from the sale of his shares if the market price decreases, (4) he may not receive dividends declared and (5) he may not be able to vote the shares.

Limitations on acquisition and change in control ownership limit

The 9.5% ownership limit discussed above may have the effect of precluding acquisition of control of our company by a third party without consent of our board of directors.

USE OF PROCEEDS

Unless otherwise specified in a prospectus supplement, we intend to use the proceeds of any securities sold for general corporate purposes.

We will not receive any of the proceeds from the sale of common stock that may be sold by selling stockholders.

RATIO OF EARNINGS TO FIXED CHARGES AND RATIO OF EARNINGS TO COMBINED FIXED CHARGES AND PREFERRED STOCK DIVIDENDS

The following table displays our ratio of earnings to fixed charges and ratio of earnings to combined fixed charges and preferred stock dividends (1):

	For the Nine	For the Year Ended December 31,				
	Months Ended September 30, 2001	2000	1999	1998	1997	1996
Ratio of earnings to fixed charges.....	1.21x =====	-- (2) ===	1.25x =====	-- (3) ===	-- (4) ===	1.27x =====
Ratio of earnings to combined fixed charges and preferred stock dividends.....	1.19x =====	-- (2) ===	1.20x =====	-- (3) ===	-- (4) ===	1.27x =====

- (1) Earnings used in computing the ratio of earnings to fixed charges consist of net earnings before income taxes plus fixed charges. Fixed charges include interest expense on debt and the portion of rental expense deemed to represent the interest factor.
- (2) Earnings were insufficient to cover fixed charges. The amount of the coverage deficiency for the year ended December 31, 2000 was \$54.2 million, which represented the Company's net loss. The net loss included non-recurring, non-cash accounting charges of \$68.9 million. Excluding the accounting charges, the ratio of earnings to fixed charges was 1.12x and the ratio of earnings to combined fixed charges and preferred stock dividends was 1.09x.
- (3) Earnings were insufficient to cover fixed charges. The amount of the coverage deficiency for the year ended December 31, 1998 was \$5.9 million, which represented the Company's net loss. There were no preferred stock dividends due or paid during the year ended December 31, 1998.
- (4) Earnings were insufficient to cover fixed charges. The amount of the coverage deficiency for the year ended December 31, 1997 was \$16.0 million, which represented the Company's net loss. The net loss included an accounting charge of \$44.4 million. Excluding the accounting charge, the ratio of earnings to fixed charges was 1.34x. There were no preferred stock dividends due or paid during the year ended December 31, 1997.

DESCRIPTION OF SECURITIES

This prospectus contains a summary of the common stock, preferred stock, debt securities and warrants to purchase our common stock or preferred stock. These summaries are not meant to be complete description of each security and is subject and qualified by reference to Maryland law and our charter and bylaws, copies of which are on file with the Securities and Exchange Commission, and are incorporated by reference herein. However, this prospectus and the accompanying prospectus supplement contain the material terms and conditions for each security.

## DESCRIPTION OF CAPITAL STOCK

### General

Our authorized stock consists of 50,000,000 shares of common stock, \$0.01 par value per share, and 10,000,000 shares of preferred stock, \$0.01 par value per share. Our stockholder meetings are held annually. Pursuant to our charter, we reserve the right to amend any provision of our charter upon the affirmative vote of stockholders entitled to cast at least a majority of all the votes entitled to be cast on the matter.

### Common Stock

Each share of our common stock is entitled to participate equally in dividends when authorized by our board of directors and in the distribution of our assets upon liquidation. Each share of common stock is entitled to one vote, subject to the provisions of our charter regarding restrictions on transfer of stock, and will be fully paid and nonassessable upon issuance. Shares of common stock have no preference, conversion, exchange, redemption, appraisal, preemptive or cumulative voting rights. Our authorized stock may be increased and altered from time to time in the manner prescribed by Maryland law upon the affirmative vote of stockholders entitled to cast at least a majority of all the votes entitled to be cast on the matter. Our charter authorizes our board of directors to reclassify any unissued shares of common stock in one or more classes or series of stock.

### Transfer Agent and Registrar

Our transfer agent and registrar is American Stock Transfer and Trust Company, New York, New York.

### Preferred Stock

Our charter authorizes our board of directors to issue shares of preferred stock and to classify or reclassify any unissued shares of preferred stock into one or more classes or series of stock. The preferred stock may be issued from time to time with such designations, preferences, conversion or other rights, voting powers, restrictions, limitations as to dividends or other distributions, qualifications or terms or conditions of redemption as shall be determined by the board of directors for each class or series of stock subject to the provisions of our charter regarding restrictions on transfer of stock. Preferred stock is available for possible future financings or acquisitions and for general corporate purposes without further stockholder authorization, unless such authorization is required by applicable law or the rules of the principal national securities exchange on which such stock is listed or admitted to trading.

A prospectus supplement relating to any series of preferred stock being offered will include specific terms relating to the offering. They will include:

- . the title and stated value of the preferred stock;
- . the number of shares of the preferred stock offered, the liquidation preference per share and the offering price of the preferred stock;
- . the dividend rate(s), period(s) and/or payment date(s) or method(s) of calculation thereof applicable to the preferred stock;
- . whether dividends shall be cumulative or non cumulative and, if cumulative, the date from which dividends on the preferred stock shall accumulate;
- . the procedures for an auction and remarketing, if any, for the preferred stock;
- . the provisions for a sinking fund, if any, for the preferred stock;
- . any voting rights of the preferred stock;
- . the provisions for redemption, if applicable, of the preferred stock;



- . any listing of the preferred stock on any securities exchange;
- . the terms and conditions, if applicable, upon which the preferred stock will be convertible into our common stock, including the conversion price or the manner of calculating the conversion price and conversion period;
- . if appropriate, a discussion of Federal income tax consequences applicable to the preferred stock;
- . any limitations on direct or beneficial ownership and restrictions on transfer, in each case as may be appropriate to assist us in qualifying as a REIT;
- . all series of preferred stock will rank on a parity with each other unless otherwise specified in the charter and will rank senior to common stock with respect payment of dividends and distribution of assets upon liquidation; and
- . any other specific terms, preferences, rights, limitations or restrictions of the preferred stock.

The terms, if any, on which the preferred stock may be convertible into or exchangeable for our common stock or other securities will be stated in the preferred stock prospectus supplement. The terms will include provisions as to whether conversion or exchange is mandatory, at the option of the holder or at our option, and may include provisions pursuant to which the number of shares of our common stock or other securities to be received by the holders of preferred stock would be subject to adjustment.

#### Description of Warrants

We may issue warrants for the purchase of preferred stock or common stock. Warrants may be issued independently or together with any offered securities and may be attached to or separate from such securities. Each series of warrants will be issued under a separate warrant agreement to be entered into between a warrant agent specified in the agreement and us. The warrant agent will act solely as our agent in connection with the warrants of that series and will not assume any obligation or relationship of agency or trust for or with any holders or beneficial owners of warrants.

The applicable prospectus supplement will describe the following terms, where applicable, of the warrants in respect of which this prospectus is being delivered:

- . the title of the warrants;
- . the aggregate number of the warrants;
- . the price or prices at which the warrants will be issued;
- . the currencies in which the price or prices of the warrants may be payable;
- . the designation, amount and terms of the offered securities purchasable upon exercise of the warrants;
- . the designation and terms of the other offered securities, if any, with which the warrants are issued and the number of the warrants issued with the security;
- . if applicable, the date on and after which the warrants and the offered securities purchasable upon exercise of the warrants will be separately transferable;
- . the price or prices at which and currency or currencies in which the offered securities purchasable upon exercise of the warrants may be purchased;
- . the date on which the right to exercise the warrants shall commence and the date on which the right shall expire;
- . the minimum or maximum amount of the warrants that may be exercised at any one time;
- . information with respect to book-entry procedures, if any;

- . if appropriate, a discussion of Federal income tax consequences; and
- . any other material terms of the warrants, including terms, procedures and limitations relating to the exchange and exercise of the warrants.

#### Repurchase of Shares and Restrictions on Transfer

Pursuant to our charter, if certain proposed transfers of common stock or other events occur that result in a person owning shares in excess of our ownership limits and, consequently, we fail to qualify as a REIT, then that number of shares of stock actually or constructively owned by that person in violation of the ownership limits will be automatically transferred to a trustee of a trust for the exclusive benefit of one or more charitable beneficiaries. The intended transferee will not acquire any rights in the shares. Shares held by the trustee will constitute issued and outstanding shares of stock. The trustee will have all voting rights and rights to dividends or other distributions with respect to shares held in the trust, which rights will be exercised for the exclusive benefit of the charitable beneficiary. Any dividend or other distribution paid prior to our discovery that shares of stock have been transferred to the trustee will be paid to the trustee upon demand and any dividend or other distribution authorized but unpaid will be paid when due to the trustee. Any dividends or distributions paid to the trustee will be held in trust for the charitable beneficiary. Subject to Maryland law, effective as of the date that such shares have been transferred to the trustee, the trustee will have the authority (at the trustee's sole discretion) (1) to rescind as void any vote cast by an intended transferee prior to our discovery that such shares have been transferred to the trustee and (2) to recast such vote in accordance with the desires of the trustee acting for the benefit of the charitable beneficiary.

Within 20 days of receiving notice from us that shares of stock have been transferred to the trust, the trustee will sell the shares held in the trust to a person designated by the trustee whose ownership of the shares will not violate the ownership restrictions set forth in our charter. Upon such sale, the interest of the charitable beneficiary in the shares sold will terminate and the trustee will distribute the net proceeds of the sale to the intended transferee and to the charitable beneficiary as follows: the intended transferee will receive the lesser of:

- . the price paid by the intended transferee for the shares or, if the intended did not give value for the shares in connection with the event causing the shares to be held in the trust, the market price of the shares on the day of the event causing the shares to be held in the trust; and
- . the price per share received by the trustee from the sale or other disposition of the shares held in the trust.

Any net sales proceeds in excess of the amount payable to the intended transferee will be immediately paid to the charitable beneficiary.

In addition, shares of stock held in trust will be deemed to have been offered for sale to us, or our designee, at a price per share equal to the lesser of:

- . the price per share in the transaction that resulted in such transfer to the trust (or, in the case of a devise or gift, the market price at the time of such devise or gift); and
- . the market price on the date we, or our designee, accept such offer.

We will have the right to accept such offer until the trustee has sold the shares held in the trust. If the shares are sold to us, the interest of the charitable beneficiary in the shares sold will terminate and the trustee will distribute the net proceeds of the sale to the intended transferee.

Market price is defined in our charter as the closing price for shares on a particular date. The closing price on any date shall mean the last sale price for such shares, or, in case no such sale takes place on such day, the average of the closing bid and asked prices, for such shares, in either case as reported on the American Stock Exchange or the principal national securities exchange on which shares are listed or admitted to trading.

All certificates representing shares of common stock bear a legend referring to the restrictions described above.

Every owner of more than 5% (or such lower percentage as required by the Internal Revenue Code) of all classes or series of our stock, within 30 days after the end of each taxable year, is required to give us written notice stating:

- . the name and address of such owner;
- . the number of shares of each class and series of our stock beneficially owned; and
- . a description of the manner in which the shares are held.

Each owner shall provide us any additional information that we may request in order to determine the effect, if any, of such beneficial ownership on our status as a REIT and to ensure compliance with the ownership limit.

#### Maryland Business Combination Act

The Maryland General Corporation Law establishes special requirements for "business combinations" between a Maryland corporation and "interested stockholders" unless exemptions are applicable. An interested stockholder is any person who beneficially owns 10% or more of the voting power of our then-outstanding voting stock. Among other things, the law prohibits for a period of five years a merger and other similar transactions between our company and an interested stockholder unless the board of directors approved the transaction prior to the party becoming an interested stockholder. The five-year period runs from the most recent date on which the interested stockholder became an interested stockholder. The law also requires a supermajority stockholder vote for such transactions after the end of the five-year period. This means that the transaction must be approved by at least:

- . 80% of the votes entitled to be cast by holders of outstanding voting shares, and
- . two-thirds of the votes entitled to be cast by holders of outstanding voting shares other than voting shares held by the interested stockholder or an affiliate of the interested stockholder with whom the business combination is to be effected.

The business combination statute could have the effect of discouraging offers to acquire us and of increasing the difficulty of consummating any such offers, even if our acquisition would be in our stockholders' best interests.

#### Maryland Control Share Acquisition Act

Maryland law provides that "control shares" of a Maryland corporation acquired in a "control share acquisition" have no voting rights except to the extent approved by a vote of the other stockholders. Two-thirds of the shares eligible to vote must vote in favor of granting the "control shares" voting rights. "Control shares" are shares of stock that, taken together with all other shares of stock the acquirer previously acquired, would entitle the acquirer to exercise voting power in electing directors within one of the following ranges of voting power:

- . one-tenth or more but less than one-third of all voting power;
- . one-third or more but less than a majority of all voting power; or
- . a majority or more of all voting power.

Control shares do not include shares of stock the acquiring person is entitled to vote as a result of having previously obtained stockholder approval. A "control share acquisition" means the acquisition of control shares, subject to certain exceptions.

If a person who has made (or proposes to make) a control share acquisition satisfies certain conditions (including agreeing to pay expenses), he may compel our board of directors to call a special meeting of stockholders to consider the voting rights of the shares. If such a person makes no request for a meeting, we have the option to present the question at any stockholders' meeting.

If voting rights are not approved at a meeting of stockholders then, subject to certain conditions and limitations, we may redeem any or all of the control shares (except those for which voting rights have previously been approved) for fair value. We will determine the fair value of the shares, without regard to voting rights, as of the date of either:

- . the last control share acquisition; or
- . the meeting where stockholders considered and did not approve voting rights of the control shares.

If voting rights for control shares are approved at a stockholders' meeting and the acquirer becomes entitled to vote a majority of the shares of stock entitled to vote, all other stockholders may obtain rights as objecting stockholders and, thereunder, exercise appraisal rights. This means that you would be able to force us to redeem your stock for fair value. Under Maryland law, the fair value may not be less than the highest price per share paid in the control share acquisition. Furthermore, certain limitations otherwise applicable to the exercise of dissenters' rights would not apply in the context of a control share acquisition. The control share acquisition statute would not apply to shares acquired in a merger, consolidation or share exchange if we were a party to the transaction. The control share acquisition statute could have the effect of discouraging offers to acquire us and of increasing the difficulty of consummating any such offers, even if our acquisition would be in our stockholders' best interests.

#### Stockholder Rights Plan

Our Board of Directors has adopted a stockholder rights plan. Under the rights plan, one right has been issued and is attached to each outstanding share of common stock. Except as set forth below, each right, when it becomes exercisable, entitles the registered holder to purchase from us one one-hundredth of a share of our Series A preferred stock, \$0.01 par value per share, at a price of \$30.00 per one one-hundredth of a Series A preferred share, subject to adjustment. The rights agreement is filed as an exhibit to the registration statement of which this prospectus is a part and is also available upon request to us. You should read the rights agreement carefully to fully understand the terms of the stockholder rights plan.

Initially, the rights will be attached to all certificates representing common stock then outstanding, and no separate right certificates will be distributed. The rights will become exercisable and separate from the common stock upon the earliest to occur of:

- . 10 days after a person has acquired beneficial ownership of 10% or more of our outstanding common stock (unless the offer to acquire the shares is approved by a majority of the board of directors who are not affiliates of the acquiring person); or
- . (ii) 10 business days (or such later date as our board may determine) following the commencement of, or announcement of an intention to make, a tender offer or exchange offer for 10% or more of our outstanding common stock.

Until the distribution of certificates representing the rights, the rights will be transferred solely with the common stock. From and after the distribution of certificates representing the rights, the shares of common stock issued after this distribution will not be issued with rights. Separate right certificates alone will evidence the rights.

The rights expire on October 19, 2008, unless earlier redeemed by us as described below.

If any person acquires 10% or more of our outstanding common stock in a transaction that has not been approved by a majority of our independent and disinterested board of directors, each holder of a right, other than

that person and other related parties, whose rights will automatically become null and void, will be entitled to receive upon exercise of the right the number of shares of common stock, or, in certain circumstances, other securities of Impac Mortgage Holdings, Inc. having a market value (immediately before the triggering event) equal to two times the exercise price of the right.

If at any time after a person acquires 10% or more of our outstanding common stock, (i) Impac Mortgage Holdings, Inc. is acquired in a merger or other business combination transaction in which the holders of all of the outstanding common shares immediately before the consummation of the transaction are not the holders of all of the surviving corporation's voting power, or (ii) more than 50% of our assets or earning power are sold or transferred, in either case with or to a person who acquires 10% or more of our outstanding common stock, or, if in such transaction all holders of common stock are not treated alike, then each holder of a right (except rights which previously have been voided as described above) shall have the right to receive, upon exercise, common shares of the acquiring company having a value equal to two times the exercise price of the right.

The purchase price payable, and the number of Series A preferred shares, shares of common stock or other securities issuable upon exercise of the rights are subject to adjustment from time to time to prevent dilution (i) in the event of a stock dividend on, or a subdivision, combination or reclassification of the Series A preferred shares, (ii) upon the grant to holders of the Series A preferred shares of certain rights or warrants to subscribe for or purchase Series A preferred shares at a price (or conversion price as the case may be), less than the then current market price of the Series A preferred shares or (iii) upon the distribution to holders of the Series A preferred shares of evidences of indebtedness or assets (excluding regular quarterly cash dividends) or of subscription rights or warrants (other than those referred to above).

The number of outstanding rights and the number of one one-hundredth of a Series A preferred share issuable upon exercise of each right are also subject to adjustment in the event of a stock split of the common stock or a stock dividend on the common stock payable in common stock or subdivisions, consolidations or combinations of the common stock occurring, in any such case, before the date on which a person acquires 10% or more of our outstanding common stock.

Series A preferred shares purchasable upon exercise of the rights will not be redeemable. Each Series A preferred share will be entitled to 100 votes on all matters submitted to a vote of the Company's stockholders. Each Series A preferred share will be entitled to a minimum preferential quarterly dividend payment of \$1.00 per share but, if greater, will be entitled to an aggregate dividend per share of 100 times the dividend declared per share of common stock. In the event of liquidation, the holders of the Series A preferred shares will be entitled to a minimum preferential liquidation payment of \$100 per share, plus accrued and unpaid dividends; thereafter, and after the holders of the common stock receive a liquidation payment of \$1.00 per share (as adjusted), the holders of the Series A preferred shares and the holders of the common stock will share the remaining assets in the ratio of 100 to 1 (as adjusted) for each Series A preferred share and share of common stock so held, respectively. Finally, in the event of any merger, consolidation or other transaction in which common stock is exchanged, each Series A preferred share will be entitled to receive 100 times the amount received per share of common stock. The rights are protected by customary antidilution provisions. In the event that the amount of accrued and unpaid dividends on the Series A preferred shares is equivalent to six full quarterly dividends or more (whether or not consecutive), the holders of the Series A preferred shares shall have the right, voting as a class, to elect two directors until all cumulative dividends on the Series A preferred shares have been paid through the last quarterly dividend payment date or until non-cumulative dividends have been paid regularly for at least one year.

With certain exceptions, no adjustment to the purchase price will be required until cumulative adjustments require an adjustment of at least 1% in the purchase price. No fractional Series A preferred shares will be issued (other than fractions which are one one-hundredth or integral multiples of one one-hundredth of a Series A preferred share, which may, at our election, be evidenced by depository receipts). Cash will be issued in lieu of fractional shares.

At any time before the earlier to occur of (i) a person acquiring 10% or more of our outstanding common stock, or (ii) the expiration of the rights, we may redeem all but not less than all of the rights at a price of \$.0001 per right.

All of the provisions of the rights agreement may be amended by our board of directors prior to the date the rights become exercisable. After the rights become exercisable, the provisions of the rights agreement may be amended by the board in order to cure any ambiguity, defect or inconsistency, to make changes which do not adversely affect the interests of holders of rights, or, subject to certain limitations, to shorten or lengthen any time period under the rights agreement.

The rights have anti-takeover effects. The rights will cause substantial dilution to any person or group that attempts to acquire our company without the approval of our board. As a result, the overall effect of the rights may be to render more difficult or discourage any attempt to acquire our company, even if the acquisition may be in the interest of our stockholders. Because our board can redeem the rights or approve a permitted offer, the rights will not interfere with a merger or other business combination approved by our board of directors.

#### DESCRIPTION OF DEBT SECURITIES

The following description contains general terms and provisions of the debt securities to which any prospectus supplement may relate. The particular terms of the debt securities offered by any prospectus supplement and the extent, if any, to which such general provisions may not apply to the debt securities so offered will be described in the prospectus supplement relating to such debt securities. If there are any differences between the applicable prospectus supplement and this prospectus, the applicable prospectus supplement will control. For more information please refer to the senior indenture among a trustee to be selected and us, relating to the issuance of the senior notes, and the subordinated indenture among a trustee to be selected and us, relating to issuance of the subordinated notes. Forms of these documents are filed as exhibits to the registration statement, which includes this prospectus.

As used in this prospectus, the term indentures refers to both the senior indenture and the subordinated indenture. The indentures will be qualified under the Trust Indenture Act. As used in this section, the term trustee refers to either the senior trustee or the subordinated trustee, as applicable.

The following are summaries of material provisions of the senior indenture and the subordinated indenture. They do not restate the indentures in their entirety. We urge you to read the indentures applicable to a particular series of debt securities because they, and not this description, define your rights as the holders of the debt securities. Except as otherwise indicated, the terms of the senior indenture and the subordinated indenture are identical.

#### General

Each prospectus supplement will describe the following terms relating to a series of notes:

- . the title;
- . any limit on the amount that may be issued;
- . whether or not such series of notes will be issued in global form, the terms and who the depository will be;
- . the maturity date(s);
- . the annual interest rate(s) (which may be fixed or variable) or the method for determining the rate(s) and the date(s) interest will begin to accrue, the date(s) interest will be payable and the regular record dates for interest payment dates or the method for determining such date(s);

- . the place(s) where payments shall be payable;
- . our right, if any, to defer payment of interest and the maximum length of any such deferral period;
- . the date, if any, after which, and the price(s) at which, such series of notes may, pursuant to any optional redemption provisions, be redeemed at our option, and other related terms and provisions;
- . the date(s), if any, on which, and the price(s) at which we are obligated, pursuant to any mandatory sinking fund provisions or otherwise, to redeem, or at the holder's option to purchase, such series of notes and other related terms and provisions;
- . the denominations in which such series of notes will be issued, if in other than denominations of \$1,000 and any integral multiple thereof;
- . any mandatory or optional sinking fund or similar provisions;
- . the currency or currency units of payment of the principal of, premium, if any, and interest on the notes;
- . any index used to determine the amount of payments of the principal of, premium, if any, and interest on the notes and the manner in which such amounts shall be determined;
- . the terms pursuant to which such notes are subject to defeasance;
- . the terms and conditions, if any, pursuant to which such notes are secured; and
- . any other terms (which terms shall not be inconsistent with the Indenture).

The notes may be issued as original issue discount securities. An original issue discount security is a note, including any zero-coupon note, which:

- . is issued at a price lower than the amount payable upon its stated maturity; and
- . provides that upon redemption or acceleration of the maturity, an amount less than the amount payable upon the stated maturity, shall become due and payable.

United States federal income tax consequences applicable to notes sold at an original issue discount will be described in the applicable prospectus supplement. In addition, United States federal income tax or other consequences applicable to any notes that are denominated in a currency or currency unit other than United States dollars may be described in the applicable prospectus supplement.

Under the indentures, we will have the ability, in addition to the ability to issue notes with terms different from those of notes previously issued, without the consent of the holders, to reopen a previous issue of a series of notes and issue additional notes of that series, unless the reopening was restricted when the series was created, in an aggregate principal amount determined by us.

#### Conversion or Exchange Rights

The terms, if any, on which a series of notes may be convertible into or exchangeable for our common stock or other securities will be described in the prospectus supplement relating to that series of notes. The terms will include provisions as to whether conversion or exchange is mandatory, at the option of the holder or at our option, and may include provisions pursuant to which the number of shares of our common stock or other securities to be received by the holders of the series of notes would be subject to adjustment.

#### Consolidation, Merger or Sale

The indentures do not contain any covenant that restricts our ability to merge or consolidate, or sell, convey, transfer or otherwise dispose of all or substantially all of our assets. However, any successor or acquirer of such assets must assume all of our obligations under the indentures or the notes, as appropriate.

## Events of Default Under the Indenture

The following are events of default under the indentures with respect to any series of notes issued:

- . failure to pay interest when due and such failure continues for 30 days and the time for payment has not been extended or deferred;
- . failure to pay the principal (or premium, if any) when due;
- . failure to observe or perform any other covenant contained in the notes or the indentures (other than a covenant specifically relating to another series of notes), and such failure continues for 90 days after we receive notice from the trustee or holders of at least 25% in aggregate principal amount of the outstanding notes of that series; and
- . certain events of bankruptcy, insolvency or reorganization of Impac Mortgage Holdings, Inc.

If an event of default with respect to notes of any series occurs and is continuing, the trustee or the holders of at least 25% in aggregate principal amount of the outstanding notes of that series, by notice in writing to us (and to the trustee if notice is given by such holders), may declare the unpaid principal of, premium, if any, and accrued interest, if any, due and payable immediately.

The holders of a majority in principal amount of the outstanding notes of an affected series may waive any default or event of default with respect to such series and its consequences, except defaults or events of default regarding:

- . payment of principal, premium, if any, or interest; or
- . certain covenants containing limitations on our ability to pay dividends and make payments on debt securities in certain circumstances.

Any such waiver shall cure such default or event of default.

Subject to the terms of the indentures, if an event of default under an indenture shall occur and be continuing, the trustee will be under no obligation to exercise any of its rights or powers under such indenture at the request or direction of any of the holders of the applicable series of notes, unless such holders have offered the trustee reasonable indemnity. The holders of a majority in principal amount of the outstanding notes of any series will have the right to direct the time, method and place of conducting any proceeding for any remedy available to the trustee, or exercising any trust or power conferred on the trustee, with respect to the notes of that series, provided that:

- . it is not in conflict with any law or the applicable indenture;
- . the trustee may take any other action deemed proper by it which is not inconsistent with such direction; and
- . subject to its duties under the Trust Indenture Act, the trustee need not take any action that might involve it in personal liability or might be unduly prejudicial to the holders not involved in the proceeding.

A holder of the notes of any series will only have the right to institute a proceeding under the indentures or to appoint a receiver or trustee, or to seek other remedies if:

- . the holder has given written notice to the trustee of a continuing event of default with respect to that series;
- . the holders of at least 25% in aggregate principal amount of the outstanding notes of that series have made written request, and such holders have offered reasonable indemnity to the trustee to institute such proceedings as trustee; and
- . the trustee does not institute such proceeding, and does not receive from the holders of a majority in the aggregate principal amount of the outstanding notes of that series other conflicting directions within 60 days after such notice, request and offer.



These limitations do not apply to a suit instituted by a holder of notes if we default in the payment of the principal, premium, if any, or interest on, the notes.

We will periodically file statements with the trustee regarding our compliance with certain of the covenants in the indentures.

#### Modification of Indenture; Waiver

Impac Mortgage Holdings, Inc. and the trustee may change an indenture without the consent of any holders with respect to certain matters, including:

- . to fix any ambiguity, defect or inconsistency in such indenture; and
- . to change anything that does not materially adversely affect the interests of any holder of notes of any series.

In addition, under the indentures, the rights of holders of a series of notes may be changed by us and the trustee with the written consent of the holders of at least a majority in aggregate principal amount of the outstanding notes of each series that is affected. However, we can make the following changes only with the consent of each holder of any outstanding notes affected:

- . extend the fixed maturity of such series of notes;
- . change any of our obligations to pay additional amounts;
- . reduce the principal amount, reduce the rate of or extend the time of payment of interest, or any premium payable upon the redemption of any such notes;
- . reduce the percentage of notes, the holders of which are required to consent to any amendment;
- . reduce the amount of principal of an original issue discount security or any other note payable upon acceleration of the maturity thereof;
- . change currency in which any note or any premium or interest is payable;
- . impair the right to enforce any payment on or with respect to any note;
- . adversely change the right to convert or exchange, including decreasing the conversion rate or increasing the conversion price of, such note, if applicable;
- . in the case of the subordinated indenture, modify the subordination provisions in a manner adverse to the holders of the subordinated notes;
- . if the notes are secured, change the terms and conditions pursuant to which the notes are secured in a manner adverse to the holders of the secured notes;
- . reduce the percentage in principal amount of outstanding notes of any series, the consent by the holders of such notes is required for modification or amendment of the applicable indenture or for waiver of compliance with certain provisions of the applicable indenture or for waiver of certain defaults;
- . reduce the requirements contained in the applicable indenture for quorum or voting;
- . change any of our obligations to maintain an office or agency in the places and for the purposes required by the indentures; or
- . modify any of the above provisions.

## Form, Exchange, and Transfer

The notes of each series will be issuable only in fully registered form without coupons and, unless otherwise specified in the applicable prospectus supplement, in denominations of \$1,000 and any integral multiple thereof. The indentures will provide that notes of a series may be issuable in temporary or permanent global form and may be issued as book-entry securities that will be deposited with, or on behalf of, The Depository Trust Company or another depository named by us and identified in a prospectus supplement with respect to such series.

At the option of the holder, subject to the terms of the indentures and the limitations applicable to global securities described in the applicable prospectus supplement, notes of any series will be exchangeable for other notes of the same series, in any authorized denomination and of like tenor and aggregate principal amount.

Subject to the terms of the indentures and the limitations applicable to global securities described in the applicable prospectus supplement, notes may be presented for exchange or for registration of transfer, duly endorsed or with the form of transfer endorsed, duly executed if so required by us or the security registrar, at the office of the security registrar or at the office of any transfer agent designated by us for such purpose. Unless otherwise provided in the notes to be transferred or exchanged, we will not require a service charge for any registration of transfer or exchange, but we may require payment of any taxes or other governmental charges. The security registrar and any transfer agent initially designated by us for any notes will be named in the applicable prospectus supplement. We may at any time designate additional transfer agents or rescind the designation of any transfer agent or approve a change in the office through which any transfer agent acts, except that we will be required to maintain a transfer agent in each place of payment for the notes of each series.

If the notes of any series are to be redeemed, we will not be required to:

- . issue, register the transfer of, or exchange any notes of that series during a period beginning at the opening of business 15 days before the day of mailing of a notice of redemption of any such notes that may be selected for redemption and ending at the close of business on the day of such mailing; or
- . register the transfer of or exchange any notes so selected for redemption, in whole or in part, except the unredeemed portion of any such notes being redeemed in part.

## Information Concerning the Trustee

The trustee, other than during the occurrence and continuance of an event of default under an indenture, undertakes to perform only such duties as are specifically described in the indentures and, upon an event of default under an indenture, must use the same degree of care as a prudent person would exercise or use in the conduct of his or her own affairs. Subject to this provision, the trustee is under no obligation to exercise any of the powers given it by the indentures at the request of any holder of notes unless it is offered reasonable security and indemnity against the costs, expenses and liabilities that it might incur. The trustee is not required to spend or risk its own money or otherwise become financially liable while performing its duties unless it reasonably believes that it will be repaid or receive adequate indemnity.

## Payment and Paying Agents

Unless otherwise indicated in the applicable prospectus supplement, payment of the interest on any notes on any interest payment date will be made to the person in whose name such notes or one or more predecessor securities are registered at the close of business on the regular record date for such interest.

Principal of and any premium and interest on the notes of a particular series will be payable at the office of the paying agents designated by us, except that unless otherwise indicated in the applicable prospectus supplement, interest payments may be made by check mailed to the holder. Unless otherwise indicated in such prospectus supplement, the corporate trust office of the trustee in New York will be designated as our sole paying agent for payments with respect to notes of each series. Any other paying agents initially designated by us for the

notes of a particular series will be named in the applicable prospectus supplement. We will be required to maintain a paying agent in each place of payment for the notes of a particular series.

All moneys paid by us to a paying agent or the trustee for the payment of the principal of or any premium or interest on any notes which remains unclaimed at the end of two years after the principal, premium or interest has become due and payable will be repaid to us, and the holder of the security may then look only to us for payment.

#### Governing Law

The indentures and the notes will be governed by and construed in accordance with the laws of the State of New York except to the extent that the Trust Indenture Act shall be applicable.

#### Subordination of Subordinated Notes

The subordinated notes will be unsecured and will be subordinate and junior in priority of payment to certain of our other indebtedness to the extent described in a prospectus supplement. The subordinated indenture does not limit the amount of subordinated notes which we may issue, nor does it limit us from issuing any other secured or unsecured debt.

## SELLING STOCKHOLDERS

The selling stockholders may be our directors, executive officers, former directors, employees or other holders of our common stock. The prospectus supplement for any offering of the common stock by selling stockholders will include the following information:

- . the names of the selling stockholders;
- . the number of shares held by each of the selling stockholders;
- . the percentage of the common stock held by each of the selling stockholders; and
- . the number of shares of the common stock offered by each of the selling stockholders.

The selling stockholders will be responsible for the expenses and fees of the registration and sale of the shares of common stock sold by the selling stockholders.

## FEDERAL INCOME TAX CONSIDERATIONS

Based on various factual representations made by us regarding our operations, in the opinion of McKee Nelson LLP, our tax counsel, commencing with our taxable year ended December 31, 1995, we have been and will continue to be organized in conformity with the requirements for qualification as a REIT under the Code, and our method of operating has enabled us, and our proposed method of operating in the future will enable us, to meet the requirements for qualification and taxation as a REIT. Our qualification as a REIT depends upon our ability to meet the various requirements imposed under the Code through our actual operations. McKee Nelson LLP will not review our operations, and no assurance can be given that our actual operations will meet the requirements imposed under the Code. The opinion of McKee Nelson LLP is not binding on the IRS or any court. The opinion of McKee Nelson LLP is based upon existing law, Treasury regulations, currently published administrative positions of the IRS, and judicial decisions, all of which are subject to change either prospectively or retroactively.

The provisions of the Code pertaining to REITs are highly technical and complex. Under the Code, if certain requirements are met in a taxable year, a REIT generally will not be subject to federal income tax with respect to income that it distributes to its stockholders. If we fail to qualify during any taxable year as a REIT, unless certain relief provisions are available, we will be subject to tax (including any applicable alternative minimum tax) on our taxable income at regular corporate rates, which could have a material adverse effect upon our stockholders.

The following discussion summarizes the material United States federal income tax consequences that relate to our qualification and taxation as a REIT and that flow from an investment in our stock. No assurance can be given that the conclusions set out below, if challenged by the IRS, would be sustained by a court. This discussion deals only with stock that is held as a capital asset, which generally means property that is held for investment. In addition, except to the extent discussed below, this summary does not address tax consequences applicable to you if you are subject to special tax rules. For instance, the discussion does not address tax consequences applicable to the following categories of stockholders:

- . dealers or traders in securities;
- . financial institutions;
- . insurance companies;
- . stockholders that hold our stock as a hedge, part of a straddle, transaction or other arrangement involving more than one position; or
- . stockholders whose functional currency is not the United States dollar.

The discussion set out below is intended only as a summary of the material United States federal income tax consequences of our treatment as a REIT and of an investment in our stock. Taxpayers and preparers of tax returns (including returns filed by any partnership or other arrangement) should be aware that under Treasury regulations a provider of advice on specific issues of law is not considered an income tax return preparer unless the advice is (i) given with respect to events that have occurred at the time the advice is rendered and is not given with respect to the consequences of contemplated actions, and (ii) is directly relevant to the determination of an entry on a tax return. Accordingly, we are not income tax return preparers and we urge you to consult your own tax advisors regarding the tax consequences of an investment in our stock, including the application to your particular situation of the tax matters discussed below, as well as the application of state, local or foreign tax laws. The statements of United States tax law set out below are based on the laws in force and their interpretation as of the date of this prospectus, and are subject to changes occurring after that date.

#### REIT Qualification Requirement

The following is a brief summary of the material technical requirements imposed by the Code that we must satisfy on an ongoing basis to qualify, and remain qualified, as a REIT.

#### Stock Ownership Requirements

We must meet the following stock ownership requirements:

- (1) our capital stock must be transferable;
- (2) our capital stock must be held by at least 100 persons during at least 335 days of a taxable year of 12 months (or during a proportionate part of a taxable year of less than 12 months); and
- (3) no more than 50% of the value of our capital stock may be owned, directly or indirectly, by five or fewer individuals at any time during the last half of the taxable year. In applying this test, the Code treats some entities as individuals. Tax-exempt entities, other than private foundations and certain unemployment compensation trusts, are generally not treated as individuals for these purposes.

The requirements of items (2) and (3) above did not apply to the first taxable year for which we made an election to be taxed as a REIT. However, these stock ownership requirements must be satisfied in each subsequent taxable year. Our charter imposes restrictions on the transfer of our shares to help us meet the stock ownership requirements. In addition, Treasury regulations require us to demand from the record holders of designated percentages of our capital stock, annual written statements disclosing actual and constructive ownership of our stock. The same regulations require us to maintain permanent records showing the information we have received regarding actual and constructive stock ownership and a list of those persons failing or refusing to comply with our demand.

#### Asset Requirements

We generally must meet the following asset requirements at the close of each quarter of each taxable year:

- (a) at least 75% of the value of our total assets must be "qualified REIT real estate assets" (described below), government securities, cash and cash items;
- (b) no more than 25% of the value of our total assets may be securities other than securities in the 75% asset class (for example, government securities and certain mortgage-backed securities);
- (c) no more than 20% of the value of our total assets may be securities of one or more Taxable REIT subsidiaries (described below); and

(d) except for securities in the 75% asset class, securities in a Taxable REIT subsidiary or "qualified REIT subsidiary," and certain partnership interests and debt obligations

(1) no more than 5% of the value of our total assets may be securities of any one issuer,

(2) we may not hold securities that possess more than 10% of the total voting power of the outstanding securities of any one issuer; and

(3) we may not hold securities that have a value of more than 10% of the total value of the outstanding securities of any one issuer.

"Qualified REIT real estate assets" means assets of the type described in section 856(c)(5)(B) of the Code, and generally include (among other assets) interests in mortgages on real property and certain mortgage-backed securities, and shares in other REITs.

A "Taxable REIT subsidiary" is a corporation that may earn income that would not be qualifying income if earned directly by the REIT. A REIT may hold up to 100% of the stock in a Taxable REIT subsidiary. Both the subsidiary and the REIT must jointly elect to treat the subsidiary as a Taxable REIT subsidiary by jointly filing a Form 8875 with the IRS. A Taxable REIT subsidiary will pay tax at the corporate rates on any income it earns. Moreover, the Code contains rules to ensure contractual arrangements between a Taxable REIT subsidiary and the parent REIT are at arm's length. We have, together with IFC, filed an election to have IFC treated as our Taxable REIT subsidiary as of January 1, 2001.

If we fail to meet any of the asset tests as of the close of a calendar quarter due to the acquisition of securities or other assets, the Code allows us a 30-day period following the close of the calendar quarter to come into compliance with the asset tests. If we do cure a failure within the 30-day period, we will be treated as having satisfied the asset tests at the close of the calendar quarter.

#### Gross Income Requirements

We generally must meet the following gross income requirements for each taxable year:

(a) at least 75% of our gross income must be derived from the real estate sources specified in section 856(c)(3) of the Code, including interest income on obligations secured by mortgages on real property or on interests in real property and gain from the disposition of qualified REIT real estate assets, and "qualified temporary investment income" (generally, income we earn from investing new capital, provided we received or accrued that income within one year of acquiring such new capital); and

(b) at least 95% of our gross income for each taxable year must be derived from sources of income specified in section 856(c)(2) of the Code, which includes the types of gross income described in (a) above, as well as dividends, interest, and gains from the sale of stock or other financial instruments (including interest rate swap and cap agreements, options, futures contracts, forward rate agreements or similar financial instruments entered into to reduce interest rate risk with respect to debt incurred or to be incurred to acquire or carry qualified REIT real estate assets) not held for sale in the ordinary course of business.

#### Distribution Requirements

We generally must distribute dividends (other than capital gain dividends) to our stockholders in an amount at least equal to (1) the sum of (a) 90% of our REIT taxable income (computed without regard to the dividends paid deduction and net capital gains) and (b) 90% of the net income (after tax, if any) from foreclosure property, minus (2) the sum of certain items of non-cash income. In addition, if we were to recognize "Built in Gain" (as defined below) on disposition of any assets acquired from a C corporation in a transaction in which Built in Gain was not recognized (for instance, assets acquired in a statutory merger), we would be required to distribute at

least 90% of the Built in Gain recognized net of the tax we would pay on such gain. "Built in Gain" is the excess of (a) the fair market value of an asset (measured at the time of acquisition) over (b) the basis of the asset (measured at the time of acquisition). We do not hold any assets having Built in Gain.

We are not required to distribute our net capital gains. Rather than distribute them, we may elect to retain and pay the federal income tax on them, in which case our stockholders will (1) include their proportionate share of the undistributed net capital gains in income, (2) receive a credit for their share of the federal income tax we pay and (3) increase the bases in their stock by the difference between their share of the capital gain and their share of the credit.

#### Failure to Qualify

If we fail to qualify as a REIT in any taxable year and the relief provisions provided in the Code do not apply, we will be subject to federal income tax, including any applicable alternative minimum tax, on our taxable income in that taxable year and all subsequent taxable years at the regular corporate income tax rates. We will not be allowed to deduct distributions to stockholders in these years, nor will the Code require us to make distributions. Further, unless entitled to the relief provisions of the Code, we also will be barred from re-electing REIT status for the four taxable years following the year in which we fail to qualify. We intend to monitor on an ongoing basis our compliance with the REIT requirements described above. To maintain our REIT status, we will be required to limit the types of assets that we might otherwise acquire, or hold some assets at times when we might otherwise have determined that the sale or other disposition of these assets would have been more prudent.

#### Taxation as a REIT

In any year in which we qualify as a REIT, we generally will not be subject to federal income tax on that portion of our REIT taxable income or capital gain that we distribute to our stockholders. We will, however, be subject to federal income tax at regular corporate income tax rates on any undistributed taxable income or capital gain.

Notwithstanding our qualification as a REIT, we may also be subject to tax in the following other circumstances:

- . If we fail to satisfy either the 75% or the 95% gross income test, but nonetheless maintain our qualification as a REIT because we meet other requirements, we generally will be subject to a 100% tax on the greater of the amount by which we fail either the 75% or the 95% gross income test multiplied by a fraction intended to reflect our profitability.
- . We will be subject to a tax of 100% on net income derived from any prohibited transaction which is, in general, a sale or other disposition of property held primarily for sale to customers in the ordinary course of business.
- . If we have (1) net income from the sale or other disposition of foreclosure property that is held primarily for sale to customers in the ordinary course of business or (2) other non-qualifying income from foreclosure property, it will be subject to federal income tax at the highest corporate income tax rate.
- . If we fail to distribute during each calendar year at least the sum of (1) 85% of our REIT ordinary income for such year, (2) 95% of our REIT capital gain net income for such year and (3) any amount of undistributed ordinary income and capital gain net income from preceding taxable years, we will be subject to a 4% federal excise tax on the excess of the required distribution over the amounts actually distributed during the taxable year.
- . If we acquire a Built in Gain asset from a C corporation in a transaction in which the basis of the asset is determined by reference to the basis of the asset in the hands of the C corporation and we recognize Built

in Gain upon a disposition of such asset occurring within 10 years of its acquisition, then we will be subject to federal tax to the extent of any such Built in Gain at the highest corporate income tax rate.

- . We may also be subject to the corporate alternative minimum tax, as well as other taxes in situations not presently contemplated.

#### Taxation of U.S. Stockholders

For purposes of this discussion, a "U.S. Stockholder" is a stockholder who is a "U.S. Person." A U.S. Person is a person who is:

- . a citizen or resident of the United States;
- . a corporation, partnership, or other entity created or organized in the United States or under the laws of the United States or of any political subdivision thereof;
- . an estate whose income is includible in gross income for United States federal income tax purposes regardless of its source; or
- . a trust, if (1) a court within the United States is able to exercise primary supervision over the administration of the trust and one or more U.S. persons have authority to control all substantial decisions of the trust, or (2) the trust was in existence on August 26, 1996, was treated as a domestic trust prior to such date, and has made an election to continue to be treated as a U.S. person.

Unless you are a tax-exempt entity, distributions that we make to a U.S. Stockholder, including constructive distributions, generally will be subject to tax as ordinary income to the extent of our current and accumulated earnings and profits as determined for federal income tax purposes. If the amount we distribute to you exceeds your allocable share of current and accumulated earnings and profits, the excess will be treated as a return of capital to the extent of your adjusted basis in your stock, which will reduce your basis in your stock but will not be subject to tax. To the extent the amount we distribute to you exceeds both your allocable share of current and accumulated earnings and profits and your adjusted basis, this excess amount will be treated as a gain from the sale or exchange of a capital asset. Distributions to our corporate stockholders, whether characterized as ordinary income or as capital gain, are not eligible for the corporate dividends received deduction.

Distributions that we designate as capital gain dividends generally will be taxable in your hands as long-term capital gains, to the extent such distributions do not exceed our actual net capital gain for the taxable year. In the event that we realize a loss for the taxable year, you will not be permitted to deduct any share of that loss. Further, if we, or a portion of our assets, were to be treated as a taxable mortgage pool, any excess inclusion income that is allocated to you could not be offset by any losses or other deductions you may have. Future Treasury regulations may require you to take into account, for purposes of computing your individual alternative minimum tax liability, some of our tax preference items.

Dividends that we declare during the last quarter of a calendar year and actually pay to you during January of the following taxable year, generally are treated as if we had paid, and you had received them on December 31 of the calendar year and not on the date actually paid. In addition, we may elect to treat other dividends distributed after the close of the taxable year as having been paid during the taxable year, so long as they meet the requirements described in the Code, but you will be treated as having received these dividends in the taxable year in which the distribution is actually made.

If you sell or otherwise dispose of our stock, you will generally recognize a capital gain or loss in an amount equal to the difference between the amount realized and your adjusted basis in our stock, which gain or loss will be long-term if the stock is held for more than one year. Any loss recognized on the sale or exchange of stock held for six months or less generally will be treated as a long-term capital loss to the extent of (1) any long-term capital gain dividends you receive with respect to our stock and (2) your proportionate share of any long-term capital gains that we retain (see the discussion under the caption "Distribution Requirements").



If we fail to qualify as a REIT in any year, distributions we make to you will be taxable in the same manner discussed above, except that:

- . we will not be allowed to designate any distributions as capital gain dividends;
- . distributions (to the extent they are made out of our current and accumulated earnings and profits) will be eligible for the corporate dividends received deduction;
- . the excess inclusion income rules will not apply to the stockholders; and
- . you will not receive any share of our tax preference items; and
- . dividends that we declare in the last quarter of the calendar year but pay to you in January would not be treated as though we had paid them to you on the immediately preceding December 31.

In this event, however, we could be subject to substantial federal income tax liability as a C corporation, and the amount of earnings and cash available for distribution to you and other stockholders could be significantly reduced or eliminated.

#### Information Reporting and Backup Withholding--U.S. Stockholders

For each calendar year, we will report to our U.S. stockholders and to the IRS the amount of distributions that we pay, and the amount of tax (if any) that we withhold on these distributions. Under the backup withholding rules, you may be subject to backup withholding tax with respect to distributions paid unless you:

- . are a corporation or come within another exempt category and demonstrate this fact when required; or
- . provide a taxpayer identification number, certify as to no loss of exemption from backup withholding tax and otherwise comply with the applicable requirements of the backup withholding tax rules.

A U.S. stockholder may satisfy this requirement by providing us an appropriately prepared Form W-9. If you do not provide us with your correct taxpayer identification number, then you may also be subject to penalties imposed by the IRS.

Backup withholding tax is not an additional tax. Any amounts withheld under the backup withholding tax rules will be refunded or credited against your United States federal income tax liability, provided you furnish the required information to the IRS.

#### Taxation of Tax-Exempt Entities

The discussion under this heading only applies to you if you are a tax-exempt entity. Subject to the discussion below regarding a pension-held REIT, distributions received from us or gain realized on the sale of our stock will not be taxable as unrelated business taxable income (UBTI), provided that:

- . you have not incurred indebtedness to purchase or hold our stock;
- . you do not otherwise use our stock in a trade or business unrelated to your exempt purpose; and
- . we, consistent with our present intent, do not hold a residual interest in a REMIC that gives rise to excess inclusion income as defined under section 860E of the Code.

If all or a portion of our assets were to be treated as a taxable mortgage pool, however, a substantial portion of the dividends you receive may be subject to tax as UBTI.

In addition, a substantial portion of the dividends you receive may constitute UBTI if we are treated as a "pension-held REIT" and you are a "qualified pension trust" that holds more than 10% by value of our stock at any time during a taxable year. For these purposes, a "qualified pension trust" is any pension or other retirement

trust that satisfies the requirements imposed under section 401(a) of the Code. We will be treated as a "pension-held REIT" if (1) we would not be a REIT if we had to treat stock held in a qualified pension trust as owned by the trust (instead of as owned by the trust's multiple beneficiaries) and (2) (a) at least one qualified pension trust holds more than 25% of our stock by value, or (b) one or more qualified pension trusts (each owning more than 10% of our stock by value) hold in the aggregate more than 50% of our stock by value. Assuming compliance with the ownership limit provisions set forth in our articles of incorporation, it is unlikely that pension plans will accumulate sufficient stock to cause us to be treated as a pension-held REIT.

If you qualify for exemption under sections 501(c)(7), (c)(9), (c)(17), and (c)(20) of the Code, then distributions received by you may also constitute UBTI. We urge you to consult your tax advisors concerning the applicable set aside and reserve requirements.

#### United States Federal Income Tax Considerations Applicable to Foreign Stockholders

The discussion under this heading only applies to you if you are not a U.S. person (hereinafter, a "foreign stockholder").

This discussion is only a brief summary of the United States federal tax consequences that apply to you, which are highly complex, and does not consider any specific facts or circumstances that may apply to you and your particular situation. We urge you to consult your tax advisors regarding the United States federal tax consequences of acquiring, holding and disposing of our stock, as well as any tax consequences that may arise under the laws of any foreign, state, local or other taxing jurisdiction.

#### Distributions

Except for distributions attributable to gain from the disposition of real property interests or distributions designated as capital gains dividends, distributions you receive from us generally will be subject to federal withholding tax at the rate of 30%, to the extent of our earnings and profits, unless reduced or eliminated by an applicable tax treaty or unless the distributions are treated as effectively connected with your United States trade or business. If you wish to claim the benefits of an applicable tax treaty, you may need to satisfy certification and other requirements, such as providing Form W-8BEN. If you wish to claim distributions are effectively connected with your United States trade or business, you may need to satisfy certification and other requirements such as providing Form W-8ECI.

Distributions you receive that are in excess of our earnings and profits will be treated as a tax-free return of capital to the extent of your adjusted basis in your stock. If the amount of the distribution also exceeds your adjusted basis, this excess amount will be treated as gain from the sale or exchange of your stock as described below. If we cannot determine at the time we make a distribution whether the distribution will exceed our earnings and profits, the distribution will be subject to withholding at the same rate as dividends. These withheld amounts, however, will be refundable or creditable against your United States federal tax liability if it is subsequently determined that the distribution was, in fact, in excess of our earnings and profits. If you receive a dividend that is treated as being effectively connected with your conduct of a trade or business within the United States, the dividend will be subject to the United States federal income tax on net income that applies to United States persons generally, and may be subject to the branch profits tax if you are a corporation.

Distributions that we make to you and designate as capital gains dividends, other than those attributable to the disposition of a United States real property interest, generally will not be subject to United States federal income taxation, unless:

- . your investment in our stock is effectively connected with your conduct of a trade or business within the United States; or
- . you are a nonresident alien individual who is present in the United States for 183 days or more in the taxable year, and other requirements are met.

Distributions that are attributable to a disposition of United States real property interests are subject to income and withholding taxes pursuant to the Foreign Investment in Real Property Act of 1980 (FIRPTA), and may also be subject to branch profits tax if you are a corporation that is not entitled to treaty relief or exemption. However, because we do not expect to recognize gain attributable to the disposition of United States real property interests as defined by FIRPTA, the FIRPTA provisions should not apply to distributions we make with respect to our stock.

#### Gain on Disposition

You generally will not be subject to United States federal income tax on gain recognized on a sale or other disposition of our stock unless:

- . the gain is effectively connected with your conduct of a trade or business within the United States;
- . you are a nonresident alien individual who holds our stock as a capital asset and are present in the United States for 183 or more days in the taxable year and other requirements are met; or
- . you are subject to tax under the FIRPTA rules discussed below.

Gain that is effectively connected with your conduct of a trade or business within the United States will be subject to the United States federal tax on net income that applies to United States persons generally and may be subject to the branch profits tax if you are a corporation. However, these effectively connected gains will generally not be subject to withholding. We urge you to consult applicable treaties, which may provide for different rules.

Under FIRPTA, you may be subject to tax on gain recognized from a sale or other disposition of your stock if we were to both (1) hold United States real property interests and (2) fail to qualify as a domestically controlled REIT. A REIT qualifies as a domestically-controlled REIT as long as less than 50% in value of its shares of beneficial interest are held by foreign persons at all times during the shorter of (1) the previous five years and (2) the period in which the REIT is in existence. As mentioned above, we do not expect to hold any United States real property interests. Furthermore, we will likely qualify as a domestically controlled REIT, although no assurances can be provided because our shares are publicly traded.

#### Information Reporting and Backup Withholding Tax

The information reporting and backup withholding tax requirements (discussed above) will generally not apply to foreign holders in the case of distributions treated as (1) dividends subject to the 30% (or lower treaty rate) withholding tax (discussed above), or (2) capital gain dividends. Also, as a general matter, backup withholding and information reporting will not apply to the payment of proceeds from shares sold by or through a foreign office of a foreign broker. However, in some cases (for example, a sale of shares through the foreign office of a U.S. broker), information reporting is required unless the foreign holder certifies under penalty of perjury that it is a foreign holder, or otherwise establishes an exemption. A foreign stockholder may satisfy this requirement by using an appropriately prepared Form W-8 BEN.

#### Federal Estate Taxes

In general, if an individual who is not a citizen or resident (as defined in the Code) of the United States owns (or is treated as owning) our stock at the date of death, such stock will be included in the individual's estate for federal estate tax purposes, unless an applicable treaty provides otherwise.

#### State and Local Taxes

We and our stockholders may be subject to state or local taxation in various jurisdictions, including those in which we or they transact business or reside. The state and local tax treatment that applies to us and our

stockholders may not conform to the federal income tax consequences discussed above. Consequently, we urge you to consult your own tax advisors regarding the effect of state and local tax laws.

#### PLAN OF DISTRIBUTION

We and any selling stockholders may sell the securities offered pursuant to this prospectus and any accompanying prospectus supplements to or through one or more underwriters or dealers, or to investors directly or through agents. Each prospectus supplement will describe the terms of the securities to which such prospectus supplement relates, the names of the selling stockholders and the number of shares of common stock to be sold by each, the name or names of any underwriters or agents with whom we or the selling stockholders, or both, have entered into arrangements with respect to the sale of such securities, the public offering or purchase price of such securities and the net proceeds we or the selling stockholders will receive from such sale. Any underwriter or agent involved in the offer and sale of the securities will be named in the applicable prospectus supplement. We may sell securities directly to investors on our own behalf in those jurisdictions where we are authorized to do so.

Underwriters may offer and sell the securities at a fixed price or prices, which may be changed, at market prices prevailing at the time of sale, at prices related to the prevailing market prices or at negotiated prices. We also may, from time to time, authorize dealers or agents to offer and sell these securities upon such terms and conditions as may be set forth in the applicable prospectus supplement. In connection with the sale of any of these securities, underwriters may receive compensation from us in the form of underwriting discounts or commissions and may also receive commissions from purchasers of the securities for whom they may act as agent. Underwriters may sell the securities to or through dealers, and such dealers may receive compensation in the form of discounts, concessions or commissions from the underwriters or commissions from the purchasers for which they may act as agents.

Shares may also be sold in one or more of the following transactions:

(a) block transactions (which may involve crosses) in which a broker-dealer may sell all or a portion of the shares as agent but may position and resell all or a portion of the block as principal to facilitate the transaction;

(b) purchases by a broker-dealer as principal and resale by the broker-dealer for its own account pursuant to a prospectus supplement;

(c) a special offering, an exchange distribution or a secondary distribution in accordance with applicable American Stock Exchange or other stock exchange rules;

(d) ordinary brokerage transactions and transactions in which a broker-dealer solicits purchasers;

(e) sales "at the market" to or through a market maker or into an existing trading market, on an exchange or otherwise, for shares; and

(f) sales in other ways not involving market makers or established trading markets, including direct sales to purchasers.

Broker-dealers may also receive compensation from purchasers of the shares which is not expected to exceed that customary in the types of transactions involved.

Any underwriting compensation paid by us to underwriters or agents in connection with the offering of these securities, and any discounts or concessions or commissions allowed by underwriters to participating dealers, will be set forth in the applicable prospectus supplement. Any selling stockholder, underwriter, dealer or agent participating in the distribution of the securities may be deemed to be an underwriter, as that term is defined in the Securities Act, of the securities so offered and sold and any discounts or commissions received by

them, and any profit realized by them on the same or resale of the securities may be deemed to be underwriting discounts and commissions under the Securities Act.

Underwriters, dealers and agents may be entitled, under agreements entered into with us, to indemnification against and contribution toward certain civil liabilities, including liabilities under the Securities Act. Unless otherwise set forth in the accompanying prospectus supplement, the obligations of any underwriters to purchase any of these securities will be subject to certain conditions precedent, and the underwriters will be obligated to purchase all of the series of securities, if any are purchased. Underwriters, dealers and agents may engage in transactions with, or perform services for, us and our affiliates in the ordinary course of business.

In connection with the offering of the securities hereby, certain underwriters, and selling group members and their respective affiliates, may engage in transactions that stabilize, maintain or otherwise affect the market price of the applicable securities. These transactions may include stabilization transactions effected in accordance with Rule 104 of Regulation M promulgated by the SEC pursuant to which these persons may bid for or purchase securities for the purpose of stabilizing their market price.

The underwriters in an offering of securities may also create a "short position" for their account by selling more securities in connection with the offering than they are committed to purchase from us. In that case, the underwriters could cover all or a portion of the short position by either purchasing securities in the open market following completion of the offering of these securities or by exercising any over-allotment option granted to them by us. In addition, the managing underwriter may impose "penalty bids" under contractual arrangements with other underwriters, which means that they can reclaim from an underwriter (or any selling group member participating in the offering) for the account of the other underwriters, the selling concession for the securities that are distributed in the offering but subsequently purchased for the account of the underwriters in the open market. Any of the transactions described in this paragraph or comparable transactions that are described in any accompanying prospectus supplement may result in the maintenance of the price of the securities at a level above that which might otherwise prevail in the open market. None of the transactions described in this paragraph or in an accompanying prospectus supplement are required to be taken by any underwriters and, if they are undertaken, may be discontinued at any time.

Each series of securities will be a new issue of securities and will have no established trading market other than the common stock which is listed on the American Stock Exchange. Any common stock sold pursuant to a prospectus supplement will be listed on the American Stock Exchange, subject to official notice of issuance. Any underwriters to whom we sell securities for public offering and sale may make a market in the securities, but such underwriters will not be obligated to do so and may discontinue any market making at any time without notice. The securities, other than the common stock, may or may not be listed on a national securities exchange.

#### LEGAL MATTERS

The legality of the securities will be passed upon for us by Kirkpatrick & Lockhart LLP, Los Angeles, California. All matters of Maryland law will be passed upon for us by McKee Nelson LLP, Washington, D.C. In addition, McKee Nelson LLP, Washington, D.C., is providing the legal opinions referred to under "Material federal income tax consequences" in this prospectus.

#### EXPERTS

The consolidated financial statements of Impac Mortgage Holdings, Inc. and of Impac Funding Corporation as of December 31, 2000 and 1999, and for each of the years in the three-year period ended December 31, 2000, have been incorporated by reference herein and in the registration statement in reliance upon the report of KPMG LLP, independent auditors, incorporated by reference herein, and upon the authority of said firm as experts in accounting and auditing.

PART II

INFORMATION NOT REQUIRED IN PROSPECTUS

Item 14. Other Expenses of Issuance and Distribution.

The following table sets forth the costs and expenses payable by the Registrant in connection with the sale of the common stock being registered hereby, other than underwriting commissions and discounts, all of which are estimated except for the Securities and Exchange Commission filing fees.

Item -----	Amount -----
Securities and Exchange Commission registration fee	\$ 62,751.33
Printing and engraving expenses.....	5,000.00
Legal fees and expenses.....	50,000.00
Accounting fees and expenses.....	15,000.00
Miscellaneous expenses.....	7,248.67
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Total.....	\$140,000.00 =====

Item 15. Indemnification of Directors and Officers.

The Maryland General Corporation Law, as amended from time to time, permits a Maryland corporation to include in its charter a provision limiting the liability of its directors and officers to the corporation and its stockholders for money damages except for liability resulting from (a) actual receipt of an improper benefit or profit in money, property or services or (b) active and deliberate dishonesty or bad faith established by a final judgment as being material to the cause of action. The Registrant's charter contains such a provision which eliminates such liability to the maximum extent permitted by Maryland law.

The Registrant's charter authorizes it, to the maximum extent permitted by Maryland law, to obligate itself to indemnify and to pay or reimburse reasonable expenses in advance of final disposition of a proceeding to (1) any present or former director or officer or (2) any individual who, while a director of Registrant and at our request, serves or has served another corporation, real estate investment trust partnership, joint venture, trust, employee benefit plan or any other enterprise as a director, officer, partner or trustee of such corporation, real estate investment trust partnership, joint venture, trust, employee benefit plan or other enterprise from and against any claim or liability to which such person may become subject or which such person may incur by reason of his status as a present or former director or officer of Registrant. Our bylaws obligate us, to the maximum extent permitted by Maryland law, to indemnify and to pay or reimburse reasonable expenses in advance of final disposition of a proceeding to (1) any present or former director or officer who is made a party to the proceeding by reason of his service in that capacity or (2) any individual who, while a director of Registrant and at our request, serves or has served another corporation, real estate investment trust partnership, joint venture, trust, employee benefit plan or any other enterprise as a director, officer, partner or trustee of such corporation, real estate investment trust partnership, joint venture, trust, employee benefit plan or other enterprise and who is made a party to the proceeding by reason of his service in that capacity. The charter and bylaws of the Registrant also permit it to indemnify and advance expenses to any person who served a predecessor of Registrant in any of the capacities described above and to any of our employees or agents or a predecessor of Registrant.

The Maryland General Corporation Law requires a corporation (unless its charter provides otherwise, which our charter does not) to indemnify a director or officer who has been successful, on the merits or otherwise, in the defense of any proceeding to which he is made a party by reason of his service in that capacity. Maryland law permits a corporation to indemnify its present and former directors and officers, among others, against judgments, penalties, fines, settlements and reasonable expenses actually incurred by them in connection with any proceeding to which they may be made a party by reason of their service in those or other capacities unless it is established that (1) the act or omission of the director or officer was material to the matter giving rise to the

proceeding and (i) was committed in bad faith or (ii) was the result of active and deliberate dishonesty, (2) the director or officer actually received an improper personal benefit in money, property or services or (3) in the case of any criminal proceeding, the director or officer had reasonable cause to believe that the act or omission was unlawful. However, under Maryland law, a Maryland corporation may not indemnify for an adverse judgment in a suit by or in the right of the corporation or for a judgment of liability on the basis that personal benefit was improperly received, unless in either case a court orders indemnification and then only for expenses. In addition, Maryland law permits a corporation to advance reasonable expenses to a director or officer upon the corporation's receipt of (1) a written affirmation by the director or officer of his good faith belief that he has met the standard of conduct necessary for indemnification by the corporation and (2) a written undertaking by him or on his behalf to repay the amount paid or reimbursed by the corporation if it shall ultimately be determined that the standard of conduct was not met.

In addition, the Registrant has entered into an Indemnity Agreement (Exhibit 10.4 of its Registration Statement on Form S-11 (File No. 33-96670) and Amendments No. 1, 2 and 3 filed with the Securities and Exchange Commission on September 7, 1995, October 23, 1995, October 30, 1995 and November 8, 1995, respectively) with its officers and directors. The Registrant maintains for the benefit of its officers and directors, officers' and directors' insurance.

#### Item 16. Exhibits

- 1.1 The form of any Underwriting Agreement will be filed as an exhibit to a current report of the Registrant on Form 8-K and incorporated by reference herein.
- 3.1 Charter of the Registrant (incorporated by reference to the corresponding exhibit number to the Registrant's Registration Statement on Form S-11, as amended (File No. 33-96670), filed with the Securities and Exchange Commission on September 7, 1995).
  - 3.1(a) Certificate of correction of the Registrant (incorporated by reference to exhibit 3.1(a) of the Registrant's 10-K for the year ended December 31, 1998).
  - 3.1(b) Articles of Amendment of the Registrant (incorporated by reference to exhibit 3.1(b) of the Registrant's 10-K for the year ended December 31, 1998).
  - 3.1(c) Articles of Amendment for change of name to charter of the Registrant (incorporated by reference to exhibit number 3.1(a) of the Registrant's Current Report on Form 8-K, filed February 11, 1998).
  - 3.1(d) Articles Supplementary and Certificate of Correction for Series A Junior Participating Preferred Stock of the Registrant (incorporated by reference to exhibit 3.1(d) of the Registrant's 10-K for the year ended December 31, 1998).
  - 3.1(e) Articles Supplementary for Series B 10.5% Cumulative Convertible Preferred Stock of the Registrant (incorporated by reference to exhibit 3.1(b) of the Registrant's Current Report on Form 8-K, December 23, 1998).
  - 3.1(f) Articles Supplementary for Series C 10.5% Cumulative Convertible Preferred Stock of the Registrant (incorporated by reference to the corresponding exhibit number of the Registrant's Quarterly Report on Form 10-Q for the period ending September 30, 2000).
  - 3.1(g) Certificate of Correction for Series C Preferred Stock of the Registrant (incorporated by reference to the corresponding exhibit number of the Registrant's Quarterly Report on Form 10-Q for the period ending September 30, 2000).
- 3.2 Bylaws of the Registrant, as amended and restated (incorporated by reference to the corresponding exhibit number of the Registrant's Quarterly Report on Form 10-Q for the period ending March 31, 1998).
- 4 Form of Common Stock certificate (incorporated by reference to Exhibit 4.1 of Registrant's Registration Statement of Form S-11 as amended (File No. 33-96670), filed with the Securities and Exchange Commission on September 7, 1995).



- 4.2 Rights Agreement between the Registrant and BankBoston, N.A. (incorporated by reference to exhibit 4.2 of the Registrant's Registration Statement on Form 8-A as filed with the Securities and Exchange Commission on October 14, 1998).
- 4.2(a) Amendment No. 1 to Rights Agreement between the Registrant and BankBoston, N.A. (incorporated by reference to Exhibit 4.1(a) of the Registrant's Registration Statement on Form 8-A/A as filed with the Securities and Exchange Commission on December 23, 1998).
- 4.3 Form of Senior Indenture.
- 4.4 Form of Subordinated Indenture.
- 4.5 The form of any Senior Note with respect to each particular series of Senior Notes issued hereunder will be filed as an exhibit to a current Report of the Registrant on Form 8-K and incorporated by reference herein.
- 4.6 The form of any Subordinated Note with respect to each particular series of Subordinated Notes issued hereunder will be filed as an exhibit to a current Report of the Registrant on Form 8-K and incorporated by reference herein.
- 4.7 The form of any articles supplementary with respect to any preferred stock issued hereunder will be filed as an exhibit to a current Report of the Registrant on Form 8-K and incorporated by reference herein.
- 4.8 The form of any Warrant Agreement with respect to any warrant served hereunder will be filed as an exhibit to a current Report of the Registrant on Form 8-K and incorporated by reference herein.
- 4.9 The form of any warrant with respect to each series of warrants will be filed as an exhibit to a current Report of the Registrant on Form 8-K and incorporated by reference herein.
- 5.1 Opinion of Kirkpatrick & Lockhart LLP.
- 5.2 Opinion of McKee Nelson LLP.
- 8 Opinion of McKee Nelson LLP as to tax matters.
- 12 Computation of Ratio of Earnings to Fixed Charges and Preference Dividends.
- 23.1 Consent of KPMG LLP regarding Impac Mortgage Holdings, Inc.
- 23.2 Consent of KPMG LLP regarding Impac Funding Corporation.
- 23.3 Consent of Kirkpatrick & Lockhart LLP (contained in Exhibit 5.1).
- 23.4 Consent of McKee Nelson LLP (contained in Exhibit 5.2).
- 23.5 Consent of McKee Nelson LLP (contained in Exhibit 8).
- 24 Power of Attorney (contained on signature page).
- 25 The form T-1 Statement of Eligibility of Trustee under the Trust Indenture Act of 1934 will be filed as an exhibit to a current report of the Registrant on Form 8-K and incorporated by reference herein.

Item 17. Undertakings.

The undersigned Registrant hereby undertakes:

(1) To file, during any period in which offers or sales are being made, a post-effective amendment to this Registration Statement:

(a) to include any prospectus required by Section 10(a)(3) of the Securities Act;

(b) to reflect in the prospectus any facts or events arising after the effective date of this Registration Statement (or the most recent post-effective amendment hereof) which, individually or in the aggregate, represent a fundamental change in the information set forth in this Registration Statement. Notwithstanding

the foregoing, any increase or decrease in volume of securities offered (if the total dollar value of securities offered would not exceed that which was registered) and any deviation from the low or high end of the estimated maximum offering range may be reflected in the form of prospectus filed with the Commission pursuant to Rule 424(b), if in the aggregate, the changes in volume and price represent no more than a 20% change in the maximum aggregate offering price set forth in the "Calculation of Registration Fee" table in the effective registration statement.

(c) to include any material information with respect to the plan of distribution not previously disclosed in this Registration Statement or any material change to such information in this Registration Statement; provided, however, that the undertakings set forth in paragraph (a) and (b) above shall not apply if the information required to be included in a post-effective amendment by those paragraphs is contained in periodic reports filed by the Registrant pursuant to Section 13 or 15(d) of the Securities Exchange Act of 1934 (the "Exchange Act") that are incorporated by reference in this Registration Statement.

(2) That, for the purpose of determining any liability under the Securities Act of 1933, each such post-effective amendment shall be deemed to be a new registration statement relating to the securities offered therein, and the offering of such securities at that time shall be deemed to be the initial bona fide offering thereof.

(3) To remove from registration by means of a post-effective amendment any of the securities being registered which remain unsold at the termination of the offering.

Insofar as indemnification for liabilities arising under the Securities Act of 1933 may be permitted to directors, officers and controlling persons of the Registrant pursuant to the foregoing provisions, or otherwise, the Registrant has been advised that in the opinion of the Securities and Exchange Commission such indemnification is against public policy as expressed in the Securities Act of 1933 and is, therefore, unenforceable. In the event that a claim for indemnification against such liabilities (other than the payment by the Registrant of expenses incurred or paid by a director, officer or controlling person of the Registrant in the successful defense of any action, suit or proceeding) is asserted by such director, officer or controlling person in connection with the securities being registered, the Registrant will, unless in the opinion of its counsel the matter has been settled by controlling precedent, submit to a court of appropriate jurisdiction the question whether such indemnification by it is against public policy as expressed in the Securities Act of 1933 and will be governed by the final adjudication of such issue.

The undersigned Registrant hereby undertakes that, for purposes of determining any liability under the Securities Act of 1933, each filing of the Registrant's annual report pursuant to Section 13(a) or Section 15(d) of the Securities Exchange Act of 1934 that is incorporated by reference in the Registration Statement shall be deemed to be a new registration statement relating to the securities offered therein, and the offering of such securities at that time shall be deemed to be the initial bona fide offering thereof.

For purposes of determining any liability under the Securities Act of 1933, the information omitted from the form of prospectus filed as part of this Registration Statement in reliance upon Rule 430A and contained in a form of prospectus filed by the Registrant pursuant to Rule 424(b)(1) or (4) or 497(h) under the Securities Act of 1933 shall be deemed to be part of this Registration Statement as of the time it was declared effective. For the purpose of determining any liability under the Securities Act of 1933, each post-effective that contains a form of prospectus shall be deemed to be a new registration statement relating to the securities offered therein, and the offering of such securities at that time shall be deemed to be the initial bona fide offering thereof.

The undersigned registrant hereby undertakes to file an application for the purpose of determining the eligibility of the trustee to act under subsection (a) of Section 310 of the Trust Indenture Act in accordance with the rules and regulations prescribed by the Commission under Section 305(b)(2) of the Act.

SIGNATURES

Pursuant to the requirements of the Securities Act of 1933, the registrant certifies that it has reasonable grounds to believe that it meets all of the requirements for filing on Form S-3 and has duly caused this Registration Statement to be signed on its behalf by the undersigned, thereunto duly authorized, in the City of Newport Beach, State of California, on the 30/th/ day of November, 2001.

IMPAC MORTGAGE HOLDINGS, INC.

By: /s/ JOSEPH R. TOMKINSON

\_\_\_\_\_  
 Joseph R. Tomkinson,  
 Chairman of the Board and  
 Chief Executive Officer

POWER OF ATTORNEY

KNOW ALL PERSONS BY THESE PRESENTS, that each person whose signature appears below constitutes and appoints Joseph R. Tomkinson and Richard J. Johnson and each of them, as his true and lawful attorneys-in-fact and agents, with full power of substitution for him in any and all capacities, to sign (1) any and all amendments (including post-effective amendments) to this Registration Statement and (2) any registration statement or post-effective amendment thereto to be filed with the Securities and Exchange Commission pursuant to Rule 462(b) under the Securities Act of 1933, and to file the same, with all exhibits thereto, and other documents in connection therewith, with the Securities and Exchange Commission, granting unto said attorneys-in-fact and agents, and each of them, full power and authority to do and perform each and every act and thing requisite and necessary to be done in connection therewith, as fully to all intents and purposes as he might or could do in person, hereby ratifying and confirming all that said attorneys-in-fact and agents, or any of them, or their or his substitute or substitutes, may lawfully do or cause to be done by virtue hereof.

Pursuant to the requirements of the Securities Act of 1933, this Registration Statement has been signed by the following persons in the capacities and on the dates indicated.

Names -----	Title -----	Date ----
/s/ JOSEPH R. TOMKINSON ----- Joseph R. Tomkinson	Chairman of the Board and Chief Executive Officer (Principal Executive Officer)	November 30, 2001
/s/ WILLIAM S. ASHMORE ----- William S. Ashmore	Chief Operating Officer, President and Director	November 30, 2001
/s/ RICHARD J. JOHNSON ----- Richard J. Johnson	Chief Financial Officer and Executive Vice President (Principal Accounting and Financial Officer)	November 30, 2001
/s/ JAMES WALSH ----- James Walsh	Director	November 30, 2001
/s/ FRANK P. FILIPPS ----- Frank P. Filippis	Director	November 30, 2001
/s/ STEPHAN R. PEERS ----- Stephan R. Peers	Director	November 30, 2001
/s/ WILLIAM E. ROSE ----- William E. Rose	Director	November 30, 2001
/s/ LEIGH J. ABRAMS ----- Leigh J. Abrams	Director	November 30, 2001

IMPAC MORTGAGE HOLDINGS, INC., Issuer

AND

[ ], Trustee

--

INDENTURE

Dated as of [ ]

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INDENTURE, dated as of [ ] among Impac Mortgage Holdings, Inc., a Maryland corporation (the "Company"), and [ ], as trustee (the "Trustee"):

WHEREAS, for its lawful corporate purposes, the Company has duly authorized the execution and delivery of this Indenture to provide for the issuance of unsecured debt securities (hereinafter referred to as the "Securities"), in an unlimited aggregate principal amount to be issued from time to time in one or more series as in this Indenture provided, as registered Securities without coupons, to be authenticated by the certificate of the Trustee;

WHEREAS, to provide the terms and conditions upon which the Securities are to be authenticated, issued and delivered, the Company has duly authorized the execution of this Indenture; and

WHEREAS, all things necessary to make this Indenture a valid agreement of the Company, in accordance with its terms, have been done.

NOW, THEREFORE, in consideration of the premises and the purchase of the Securities by the holders thereof, it is mutually covenanted and agreed as follows for the equal and ratable benefit of the holders of Securities:

ARTICLE 1  
DEFINITIONS

SECTION 1.01      Definitions of Terms.  
-----

The terms defined in this Section (except as in this Indenture otherwise expressly provided or unless the context otherwise requires) for all purposes of this Indenture and of any indenture supplemental hereto shall have the respective meanings specified in this Section and shall include the plural as well as the singular. All other terms used in this Indenture that are defined in the Trust Indenture Act of 1939, as amended, or that are by reference in such Act defined in the Securities Act of 1933, as amended (except as herein otherwise expressly provided or unless the context otherwise requires), shall have the meanings assigned to such terms in said Trust Indenture Act and in said Securities Act as in force at the date of the execution of this instrument.

"Affiliate" means, with respect to a specified Person, (a) any Person directly or indirectly owning, controlling or holding with power to vote 10% or more of the outstanding voting securities or other ownership interests of the specified Person, (b) any Person 10% or more of whose outstanding voting securities or other ownership interests are directly or indirectly owned, controlled or held with power to vote by the specified Person, (c) any Person directly or indirectly controlling, controlled by, or under common control with the specified Person, (d) a partnership in which the specified Person is a general partner, (e) any officer or director of the specified Person, and (f) if the specified Person is an individual, any entity of which the specified Person is an officer, director or general partner.

"Authenticating Agent" means an authenticating agent with respect to all or any of the series of Securities appointed with respect to all or any series of the Securities by the Trustee pursuant to Section 2.10.



"Bankruptcy Law" means Title 11, U.S. Code, or any similar federal or state law for the relief of debtors.

"Board of Directors" means the Board of Directors of the Company or any duly authorized committee of such Board.

"Board Resolution" means a copy of a resolution certified by the Secretary or an Assistant Secretary of the Company to have been duly adopted by the Board of Directors and to be in full force and effect on the date of such certification.

"Business Day" means, with respect to any series of Securities, any day other than a day on which Federal or State banking institutions in the Borough of Manhattan, The City of New York, are authorized or obligated by law, executive order or regulation to close.

"Certificate" means a certificate signed by the principal executive officer, the principal financial officer, the Treasurer or the principal accounting officer of the Company. The Certificate need not comply with the provisions of Section 13.07.

"Company" means Impac Mortgage Holdings, Inc., a corporation duly organized and existing under the laws of the State of Maryland, and, subject to the provisions of Article Ten, shall also include its successors and assigns.

"Corporate Trust Office" means the office of the Trustee at which, at any particular time, its corporate trust business shall be principally administered, which office at the date hereof is located at [ ], except that whenever a provision herein refers to an office or agency of the Trustee in the Borough of Manhattan, The City of New York, such office is located, at the date hereof, at[ ].

"Custodian" means any receiver, trustee, assignee, liquidator, or similar official under any Bankruptcy Law.

"Default" means any event, act or condition that with notice or lapse of time, or both, would constitute an Event of Default.

"Depository" means, with respect to Securities of any series, for which the Company shall determine that such Securities will be issued as a Global Security, The Depository Trust Company, New York, New York, another clearing agency, or any successor registered as a clearing agency under the Securities and Exchange Act of 1934, as amended (the "Exchange Act"), or other applicable statute or regulation, which, in each case, shall be designated by the Company pursuant to either Section 2.01 or 2.11.

"Event of Default" means, with respect to Securities of a particular series any event specified in Section 6.01, continued for the period of time, if any, therein designated.

"Global Security" means, with respect to any series of Securities, a Security executed by the Company and delivered by the Trustee to the Depository or pursuant to the Depository's instruction, all in accordance with the Indenture, which shall be registered in the name of the Depository or its nominee.

"Governmental Obligations" means securities that are (i) direct obligations of the United States of America for the payment of which its full faith and credit is pledged or (ii) obligations of a Person controlled or supervised by and acting as an agency or instrumentality of the United States of America, the payment of which is unconditionally guaranteed as a full faith and credit obligation by the United States of America that, in either case, are not callable or redeemable at the option of the issuer thereof, and shall also include a depositary receipt issued by a bank (as defined in Section 3(a)(2) of the Securities Act of 1933, as amended) as custodian with respect to any such Governmental Obligation or a specific payment of principal of or interest on any such Governmental Obligation held by such custodian for the account of the holder of such depositary receipt; provided, however, that (except as required by law) such custodian is not authorized to make any deduction from the amount payable to the holder of such depositary receipt from any amount received by the custodian in respect of the Governmental Obligation or the specific payment of principal of or interest on the Governmental Obligation evidenced by such depositary receipt.

"herein", "hereof" and "hereunder", and other words of similar import, refer to this Indenture as a whole and not to any particular Article, Section or other subdivision.

"Indenture" means this instrument as originally executed or as it may from time to time be supplemented or amended by one or more indentures supplemental hereto entered into in accordance with the terms hereof.

"Interest Payment Date", when used with respect to any installment of interest on a Security of a particular series, means the date specified in such Security or in a Board Resolution or in an indenture supplemental hereto with respect to such series as the fixed date on which an installment of interest with respect to Securities of that series is due and payable.

"Officers' Certificate" means a certificate signed by the Chairman, President or a Vice President and by the Treasurer or an Assistant Treasurer or the Controller or an Assistant Controller or the Secretary or an Assistant Secretary of the Company that is delivered to the Trustee in accordance with the terms hereof. Each such certificate shall include the statements provided for in Section 13.07, if and to the extent required by the provisions thereof.

"Opinion of Counsel" means an opinion in writing of legal counsel, who may be an employee of or counsel for the Company that is delivered to the Trustee in accordance with the terms hereof. Each such opinion shall include the statements provided for in Section 13.07, if and to the extent required by the provisions thereof.

"Outstanding", when used with reference to Securities of any series, means, subject to the provisions of Section 8.04, as of any particular time, all Securities of that series theretofore authenticated and delivered by the Trustee under this Indenture, except (a) Securities theretofore canceled by the Trustee or any paying agent, or delivered to the Trustee or any paying agent for cancellation or that have previously been canceled; (b) Securities or portions thereof for the payment or redemption of which moneys or Governmental Obligations in the necessary amount shall have been deposited in trust with the Trustee or with any paying agent (other than the Company) or shall have been set aside and segregated in trust by the Company (if the Company shall act as its own paying agent); provided, however, that if such Securities or

portions of such Securities are to be redeemed prior to the maturity thereof, notice of such redemption shall have been given as in Article Three provided, or provision satisfactory to the Trustee shall have been made for giving such notice; and (c) Securities in lieu of or in substitution for which other Securities shall have been authenticated and delivered pursuant to the terms of Section 2.07.

"Person" means any individual, corporation, partnership, joint-venture, joint-stock company, unincorporated organization or government or any agency or political subdivision thereof.

"Predecessor Security" of any particular Security means every previous Security evidencing all or a portion of the same debt as that evidenced by such particular Security; and, for the purposes of this definition, any Security authenticated and delivered under Section 2.07 in lieu of a lost, destroyed or stolen Security shall be deemed to evidence the same debt as the lost, destroyed or stolen Security.

"Responsible Officer" when used with respect to the Trustee means the Chairman of the Board of Directors, the Chairman, any Vice President, the Secretary, the Treasurer, any trust officer, any corporate trust officer or any other officer or assistant officer of the Trustee customarily performing functions similar to those performed by the Persons who at the time shall be such officers, respectively, or to whom any corporate trust matter is referred because of his or her knowledge of and familiarity with the particular subject.

"Securities" means the debt Securities authenticated and delivered under this Indenture.

"Securityholder", "holder of Securities", "registered holder", or other similar term, means the Person or Persons in whose name or names a particular Security shall be registered on the books of the Company kept for that purpose in accordance with the terms of this Indenture.

"Subsidiary" means, with respect to any Person, (i) any corporation at least a majority of whose outstanding Voting Stock shall at the time be owned, directly or indirectly, by such Person or by one or more of its Subsidiaries or by such Person and one or more of its Subsidiaries, (ii) any general partnership, joint venture or similar entity, at least a majority of whose outstanding partnership or similar interests shall at the time be owned by such Person, or by one or more of its Subsidiaries, or by such Person and one or more of its Subsidiaries and (iii) any limited partnership of which such Person or any of its Subsidiaries is a general partner.

"Trustee" means [ ], and, subject to the provisions of Article Seven, shall also include its successors and assigns, and, if at any time there is more than one Person acting in such capacity hereunder, "Trustee" shall mean each such Person. The term "Trustee" as used with respect to a particular series of the Securities shall mean the trustee with respect to that series.

"Trust Indenture Act" means the Trust Indenture Act of 1939, as amended, subject to the provisions of Sections 9.01, 9.02, and 10.01, as in effect at the date of execution of this instrument.

"Voting Stock", as applied to stock of any Person, means shares, interests, participations or other equivalents in the equity interest (however designated) in such Person having ordinary voting power for the election of a majority of the directors (or the equivalent) of such Person, other than shares, interests, participations or other equivalents having such power only by reason of the occurrence of a contingency.

Article 2  
ISSUE, DESCRIPTION, TERMS, EXECUTION,  
REGISTRATION AND EXCHANGE OF SECURITIES

SECTION 2.01      Designation and Terms of Securities.  
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(a) The aggregate principal amount of Securities that may be authenticated and delivered under this Indenture is unlimited. The Securities may be issued in one or more series up to the aggregate principal amount of Securities of that series from time to time authorized by or pursuant to a Board Resolution of the Company or pursuant to one or more indentures supplemental hereto. Prior to the initial issuance of Securities of any series, there shall be established in or pursuant to a Board Resolution of the Company, and set forth in an Officers' Certificate of the Company, or established in one or more indentures supplemental hereto:

(1) the title of the Security of the series (which shall distinguish the Securities of the series from all other Securities);

(2) any limit upon the aggregate principal amount of the Securities of that series that may be authenticated and delivered under this Indenture (except for Securities authenticated and delivered upon registration of transfer of, or in exchange for, or in lieu of, other Securities of that series);

(3) the date or dates on which the principal of the Securities of the series is payable;

(4) the rate or rates at which the Securities of the series shall bear interest or the manner of calculation of such rate or rates, if any;

(5) the date or dates from which such interest shall accrue, the Interest Payment Dates on which such interest will be payable or the manner of determination of such Interest Payment Dates and the record date for the determination of holders to whom interest is payable on any such Interest Payment Dates;

(6) the right, if any, to extend the interest payment periods and the duration of such extension;

(7) the period or periods within which, the price or prices at which and the terms and conditions upon which, Securities of the series may be redeemed, in whole or in part, at the option of the Company;

(8) the obligation, if any, of the Company to redeem or purchase Securities of the series pursuant to any sinking fund or analogous provisions (including payments made in

cash in participation of future sinking fund obligations) or at the option of a holder thereof and the period or periods within which, the price or prices at which, and the terms and conditions upon which, Securities of the series shall be redeemed or purchased, in whole or in part, pursuant to such obligation;

(9) the form of the Securities of the series including the form of the Certificate of Authentication for such series;

(10) if other than denominations of one thousand U.S. dollars (\$1,000) or any integral multiple thereof, the denominations in which the Securities of the series shall be issuable;

(11) any and all other terms with respect to such series (which terms shall not be inconsistent with the terms of this Indenture) including any terms which may be required by or advisable under United States laws or regulations or advisable in connection with the marketing of Securities of that series;

(12) whether the Securities are issuable as a Global Security and, in such case, the identity for the Depositary for such series;

(13) whether the Securities will be convertible into shares of common stock or other securities of the Company and, if so, the terms and conditions upon which such Securities will be so convertible, including the conversion price and the conversion period;

(14) if the amount of payments of principal of and any premium or interest on the Securities of the series may be determined with reference to an index, the manner in which such amounts shall be determined;

(15) if other than the principal amount thereof, the portion of the principal amount of Securities of the series which shall be payable upon declaration of acceleration of the maturity thereof pursuant to Section 6.01;

(16) any additional or different Events of Default or restrictive covenants provided for with respect to the Securities of the series;

(17) any provisions granting special rights to holders when a specified event occurs; and

(18) any special tax implications of the notes, including provisions for original issue discount securities, if offered.

All Securities of any one series shall be substantially identical except as to denomination and except as may otherwise be provided in or pursuant to any such Board Resolution or in any indentures supplemental hereto.

If any of the terms of the series are established by action taken pursuant to a Board Resolution of the Company, a copy of an appropriate record of such action shall be certified by

the Secretary or an Assistant Secretary of the Company and delivered to the Trustee at or prior to the delivery of the Officers' Certificate of the Company setting forth the terms of the series.

Securities of any particular series may be issued at various times, with different dates on which the principal or any installment of principal is payable, with different rates of interest, if any, or different methods by which rates of interest may be determined, with different dates on which such interest may be payable and with different redemption dates. Unless otherwise provided, a series may be reopened for issuances of additional Securities of such series.

SECTION 2.02 Form of Securities and Trustee's Certificate.  
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The Securities of any series and the Trustee's certificate of authentication to be borne by such Securities shall be substantially of the tenor and purport as set forth in one or more indentures supplemental hereto or as provided in a Board Resolution of the Company and as set forth in an Officers' Certificate of the Company and may have such letters, numbers or other marks of identification or designation and such legends or endorsements printed, lithographed or engraved thereon as the Company may deem appropriate and as are not inconsistent with the provisions of this Indenture, or as may be required to comply with any law or with any rule or regulation made pursuant thereto or with any rule or regulation of any stock exchange on which Securities of that series may be listed, or to conform to usage.

SECTION 2.03 Denominations: Provisions for Payment.  
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The Securities shall be issuable as registered Securities and in the denominations of one thousand U.S. dollars (\$1,000) or any integral multiple thereof, subject to Section 2.01(11). The Securities of a particular series shall bear interest payable on the dates and at the rate specified with respect to that series. The principal of and the interest on the Securities of any series, as well as any premium thereon in case of redemption thereof prior to maturity, shall be payable in the coin or currency of the United States of America that at the time is legal tender for public and private debt, at the office or agency of the Company maintained for that purpose in the Borough of Manhattan, the City and State of New York. Each Security shall be dated the date of its authentication. Interest on the Securities shall be computed on the basis of a 360-day year composed of twelve 30-day months.

The interest installment on any Security that is payable, and is punctually paid or duly provided for, on any Interest Payment Date for Securities of that series shall be paid to the Person in whose name said Security (or one or more Predecessor Securities) is registered at the close of business on the regular record date for such interest installment. In the event that any Security of a particular series or portion thereof is called for redemption and the redemption date is subsequent to a regular record date with respect to any Interest Payment Date and prior to such Interest Payment Date, interest on such Security will be paid upon presentation and surrender of such Security as provided in Section 3.03.

Any interest on any Security that is payable, but is not punctually paid or duly provided for, on any Interest Payment Date for Securities of the same series (herein called "Defaulted Interest") shall forthwith cease to be payable to the registeredholder on the relevant regular

record date by virtue of having been such holder; and such Defaulted Interest shall be paid by the Company, at its election, as provided in clause (1) or clause (2) below:

(1) The Company may make payment of any Defaulted Interest on Securities to the Persons in whose names such Securities (or their respective Predecessor Securities) are registered at the close of business on a special record date for the payment of such Defaulted Interest, which shall be fixed in the following manner: the Company shall notify the Trustee in writing of the amount of Defaulted Interest proposed to be paid on each such Security and the date of the proposed payment, and at the same time the Company shall deposit with the Trustee an amount of money equal to the aggregate amount proposed to be paid in respect of such Defaulted Interest or shall make arrangements satisfactory to the Trustee for such deposit prior to the date of the proposed payment, such money when deposited to be held in trust for the benefit of the Persons entitled to such Defaulted Interest as in this clause provided. Thereupon the Trustee shall fix a special record date for the payment of such Defaulted Interest which shall not be more than 15 nor less than 10 days prior to the date of the proposed payment and not less than 10 days after the receipt by the Trustee of the notice of the proposed payment. The Trustee shall promptly notify the Company of such special record date and, in the name and at the expense of the Company, shall cause notice of the proposed payment of such Defaulted Interest and the special record date therefor to be mailed, first class postage prepaid, to each Securityholder at his or her address as it appears in the Security Register (as hereinafter defined), not less than 10 days prior to such special record date. Notice of the proposed payment of such Defaulted Interest and the special record date therefor having been mailed as aforesaid, such Defaulted Interest shall be paid to the Persons in whose names such Securities (or their respective Predecessor Securities) are registered on such special record date and shall be no longer payable pursuant to the following clause (2).

(2) The Company may make payment of any Defaulted Interest on any Securities in any other lawful manner not inconsistent with the requirements of any securities exchange on which such Securities may be listed, and upon such notice as may be required by such exchange, if, after notice given by the Company to the Trustee of the proposed payment pursuant to this clause, such manner of payment shall be deemed practicable by the Trustee.

Unless otherwise set forth in a Board Resolution of the Company or one or more indentures supplemental hereto establishing the terms of any series of Securities pursuant to Section 2.01 hereof, the term "regular record date" as used in this Section with respect to a series of Securities with respect to any Interest Payment Date for such series shall mean either the fifteenth day of the month immediately preceding the month in which an Interest Payment Date established for such series pursuant to Section 2.01 hereof shall occur, if such Interest Payment Date is the first day of a month, or the last day of the month immediately preceding the month in which an Interest Payment Date established for such series pursuant to Section 2.01 hereof shall occur, if such Interest Payment Date is the fifteenth day of a month, whether or not such date is a Business Day.

Subject to the foregoing provisions of this Section, each Security of a series delivered under this Indenture upon transfer of or in exchange for or in lieu of any other Security of such series shall carry the rights to interest accrued and unpaid, and to accrue, that were carried by such other Security.

SECTION 2.04 Execution and Authentications.  
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The Securities shall be signed on behalf of the Company by its Chairman, President or one of its Vice Presidents, together with its Treasurer, or one of its Assistant Treasurers, or its Secretary, or one of its Assistant Secretaries, under its corporate seal attested by its Secretary or one of its Assistant Secretaries. Signatures may be in the form of a manual or facsimile signature. The Company may use the facsimile signature of any Person who shall have been a Chairman, President or Vice President thereof, or of any Person who shall have been a Secretary or Assistant Secretary thereof, notwithstanding the fact that at the time the Securities shall be authenticated and delivered or disposed of such Person shall have ceased to be the Chairman, President or a Vice President, or the Secretary or an Assistant Secretary, of the Company. The seal of the Company may be in the form of a facsimile of such seal and may be impressed, affixed, imprinted or otherwise reproduced on the Securities. The Securities may contain such notations, legends or endorsements required by law, stock exchange rule or usage. Each Security shall be dated the date of its authentication by the Trustee.

A Security shall not be valid until authenticated manually by an authorized signatory of the Trustee, or by an Authenticating Agent. Such signature shall be conclusive evidence that the Security so authenticated has been duly authenticated and delivered hereunder and that the holder is entitled to the benefits of this Indenture.

At any time and from time to time after the execution and delivery of this Indenture, the Company may deliver Securities of any series executed by the Company to the Trustee for authentication, together with a written order of the Company for the authentication and delivery of such Securities, signed by its Chairman, President or any Vice President and its Secretary or any Assistant Secretary, and the Trustee in accordance with such written order shall authenticate and deliver such Securities.

In authenticating such Securities and accepting the additional responsibilities under this Indenture in relation to such Securities, the Trustee shall be entitled to receive, and (subject to Section 7.01) shall be fully protected in relying upon, an Opinion of Counsel stating that the form and terms thereof have been established in conformity with the provisions of this Indenture.

The Trustee shall not be required to authenticate such Securities if the issue of such Securities pursuant to this Indenture will affect the Trustee's own rights, duties or immunities under the Securities and this Indenture or otherwise in a manner that is not reasonably acceptable to the Trustee.

SECTION 2.05 Registration of Transfer and Exchange.  
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(a) Securities of any series may be exchanged upon presentation thereof at the office or agency of the Company designated for such purpose in the Borough of Manhattan, the City and State of New York, for other Securities of such series of authorized denominations, and for a like aggregate principal amount, upon payment of a sum sufficient to cover any tax or other governmental charge in relation thereto, all as provided in this Section. In respect of any Securities so surrendered for exchange, the Company shall execute, the Trustee shall authenticate and such office or agency shall deliver in exchange therefor the Security or Securities of the



same series that the Securityholder making the exchange shall be entitled to receive, bearing numbers not contemporaneously outstanding.

(b) The Company shall keep, or cause to be kept, at its office or agency designated for such purpose in the Borough of Manhattan, the City and State of New York, or such other location designated by the Company a register or registers (herein referred to as the "Security Register") in which, subject to such reasonable regulations as it may prescribe, the Company shall register the Securities and the transfers of Securities as in this Article provided and which at all reasonable times shall be open for inspection by the Trustee. The registrar for the purpose of registering Securities and transfer of Securities as herein provided shall be appointed as authorized by Board Resolution (the "Security Registrar").

Upon surrender for transfer of any Security at the office or agency of the Company designated for such purpose, the Company shall execute, the Trustee shall authenticate and such office or agency shall deliver in the name of the transferee or transferees a new Security or Securities of the same series as the Security presented for a like aggregate principal amount.

All Securities presented or surrendered for exchange or registration of transfer, as provided in this Section, shall be accompanied (if so required by the Company or the Security Registrar) by a written instrument or instruments of transfer, in form satisfactory to the Company or the Security Registrar, duly executed by the registered holder or by such holder's duly authorized attorney in writing.

(c) No service charge shall be made for any exchange or registration of transfer of Securities, or issue of new Securities in case of partial redemption of any series, but the Company may require payment of a sum sufficient to cover any tax or other governmental charge in relation thereto, other than exchanges pursuant to Section 2.06, the second paragraph of Section 3.03 and Section 9.04 not involving any transfer.

(d) The Company shall not be required (i) to issue, exchange or register the transfer of any Securities during a period beginning at the opening of business 15 days before the day of the mailing of a notice of redemption of less than all the Outstanding Securities of the same series and ending at the close of business on the day of such mailing, nor (ii) to register the transfer of or exchange any Securities of any series or portions thereof called for redemption. The provisions of this Section 2.05 are, with respect to any Global Security, subject to Section 2.11 hereof.

SECTION 2.06      Temporary Securities.  
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Pending the preparation of definitive Securities of any series, the Company may execute, and the Trustee shall authenticate and deliver, temporary Securities (printed, lithographed or typewritten) of any authorized denomination. Such temporary Securities shall be substantially in the form of the definitive Securities in lieu of which they are issued, but with such omissions, insertions and variations as may be appropriate for temporary Securities, all as may be determined by the Company. Every temporary Security of any series shall be executed by the Company and be authenticated by the Trustee upon the same conditions and in substantially the same manner, and with like effect, as the definitive Securities of such series. Without

unnecessary delay the Company will execute and will furnish definitive Securities of such series and thereupon any or all temporary Securities of such series may be surrendered in exchange therefor (without charge to the holders), at the office or agency of the Company designated for the purpose in the Borough of Manhattan, the City and State of New York, and the Trustee shall authenticate and such office or agency shall deliver in exchange for such temporary Securities an equal aggregate principal amount of definitive Securities of such series, unless the Company advises the Trustee to the effect that definitive Securities need not be executed and furnished until further notice from the Company. Until so exchanged, the temporary Securities of such series shall be entitled to the same benefits under this Indenture as definitive Securities of such series authenticated and delivered hereunder.

SECTION 2.07 Mutilated, Destroyed, Lost or Stolen Securities.  
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In case any temporary or definitive Security shall become mutilated or be destroyed, lost or stolen, the Company (subject to the next succeeding sentence) shall execute, and upon the Company's request the Trustee (subject as aforesaid) shall authenticate and deliver, a new Security of the same series, bearing a number not contemporaneously outstanding, in exchange and substitution for the mutilated Security, or in lieu of and in substitution for the Security so destroyed, lost or stolen. In every case the applicant for a substituted Security shall furnish to the Company and the Trustee such security or indemnity as may be required by them to save each of them harmless, and, in every case of destruction, loss or theft, the applicant shall also furnish to the Company and the Trustee evidence to their satisfaction of the destruction, loss or theft of the applicant's Security and of the ownership thereof. The Trustee may authenticate any such substituted Security and deliver the same upon the written request or authorization of any officer of the Company. Upon the issuance of any substituted Security, the Company may require the payment of a sum sufficient to cover any tax or other governmental charge that may be imposed in relation thereto and any other expenses (including the fees and expenses of the Trustee) connected therewith. In case any Security that has matured or is about to mature shall become mutilated or be destroyed, lost or stolen, the Company may, instead of issuing a substitute Security, pay or authorize the payment of the same (without surrender thereof except in the case of a mutilated Security) if the applicant for such payment shall furnish to the Company and the Trustee such security or indemnity as they may require to save them harmless, and, in case of destruction, loss or theft, evidence to the satisfaction of the Company and the Trustee of the destruction, loss or theft of such Security and of the ownership thereof.

Every replacement Security issued pursuant to the provisions of this Section shall constitute an additional contractual obligation of the Company whether or not the mutilated, destroyed, lost or stolen Security shall be found at any time, or be enforceable by anyone, and shall be entitled to all the benefits of this Indenture equally and proportionately with any and all other Securities of the same series duly issued hereunder. All Securities shall be held and owned upon the express condition that the foregoing provisions are exclusive with respect to the replacement or payment of mutilated, destroyed, lost or stolen Securities, and shall preclude (to the extent lawful) any and all other rights or remedies, notwithstanding any law or statute existing or hereafter enacted to the contrary with respect to the replacement or payment of negotiable instruments or other securities without their surrender.

SECTION 2.08        Cancellation.  
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All Securities surrendered for the purpose of payment, redemption, exchange or registration of transfer shall, if surrendered to the Company or any paying agent, be delivered to the Trustee for cancellation, or, if surrendered to the Trustee, shall be cancelled by it, and no Securities shall be issued in lieu thereof except as expressly required or permitted by any of the provisions of this Indenture. On request of the Company at the time of such surrender, the Trustee shall deliver to the Company canceled Securities held by the Trustee. In the absence of such request the Trustee may dispose of canceled Securities in accordance with its standard procedures and deliver a certificate of disposition to the Company. If the Company shall otherwise acquire any of the Securities, however, such acquisition shall not operate as a redemption or satisfaction of the indebtedness represented by such Securities unless and until the same are delivered to the Trustee for cancellation.

SECTION 2.09        Benefits of Indenture.  
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Nothing in this Indenture or in the Securities, express or implied, shall give or be construed to give to any Person, other than the parties hereto and the holders of the Securities any legal or equitable right, remedy or claim under or in respect of this Indenture, or under any covenant, condition or provision herein contained; all such covenants, conditions and provisions being for the sole benefit of the parties hereto and of the holders of the Securities.

SECTION 2.10        Authenticating Agent.  
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So long as any of the Securities of any series remain Outstanding there may be an Authenticating Agent for any or all such series of Securities which the Trustee shall have the right to appoint. Said Authenticating Agent shall be authorized to act on behalf of the Trustee to authenticate Securities of such series issued upon exchange, transfer or partial redemption thereof, and Securities so authenticated shall be entitled to the benefits of this Indenture and shall be valid and obligatory for all purposes as if authenticated by the Trustee hereunder. All references in this Indenture to the authentication of Securities by the Trustee shall be deemed to include authentication by an Authenticating Agent for such series. Each Authenticating Agent shall be acceptable to the Company and shall be a corporation that has a combined capital and surplus, as most recently reported or determined by it, sufficient under the laws of any jurisdiction under which it is organized or in which it is doing business to conduct a trust business, and that is otherwise authorized under such laws to conduct such business and is subject to supervision or examination by Federal or State authorities. If at any time any Authenticating Agent shall cease to be eligible in accordance with these provisions, it shall resign immediately.

Any Authenticating Agent may at any time resign by giving written notice of resignation to the Trustee and to the Company. The Trustee may at any time (and upon request by the Company shall) terminate the agency of any Authenticating Agent by giving written notice of termination to such Authenticating Agent and to the Company. Upon resignation, termination or cessation of eligibility of any Authenticating Agent, the Trustee may appoint an eligible successor Authenticating Agent acceptable to the Company. Any successor Authenticating Agent, upon acceptance of its appointment hereunder, shall become vested with all the rights,

powers and duties of its predecessor hereunder as if originally named as an Authenticating Agent pursuant hereto.

SECTION 2.11 Global Securities.  
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(a) If the Company shall establish pursuant to Section 2.01 that the Securities of a particular series are to be issued as a Global Security, then the Company shall execute and the Trustee shall, in accordance with Section 2.04, authenticate and deliver, a Global Security that (i) shall represent, and shall be denominated in an amount equal to the aggregate principal amount of, all of the Outstanding Securities of such series, (ii) shall be registered in the name of the Depository or its nominee, (iii) shall be delivered by the Trustee to the Depository or pursuant to the Depository's instruction and (iv) shall bear a legend substantially to the following effect: "Except as otherwise provided in Section 2.11 of the Indenture, this Security may be transferred, in whole but not in part, only to another nominee of the Depository or to a successor Depository or to a nominee of such successor Depository."

(b) Notwithstanding the provisions of Section 2.05, the Global Security of a series may be transferred, in whole but not in part and in the manner provided in Section 2.05, only to another nominee of the Depository for such series, or to a successor Depository for such series selected or approved by the Company or to a nominee of such successor Depository.

(c) If at any time the Depository for a series of the Securities notifies the Company that it is unwilling or unable to continue as Depository for such series or if at any time the Depository for such series shall no longer be registered or in good standing under the Exchange Act, or other applicable statute or regulation, and a successor Depository for such series is not appointed by the Company within 90 days after the Company receives such notice or becomes aware of such condition, as the case may be, this Section 2.11 shall no longer be applicable to the Securities of such series and the Company will execute, and subject to Section 2.05, the Trustee will authenticate and deliver the Securities of such series in definitive registered form without coupons, in authorized denominations, and in an aggregate principal amount equal to the principal amount of the Global Security of such series in exchange for such Global Security. In addition, the Company may at any time determine that the Securities of any series shall no longer be represented by a Global Security and that the provisions of this Section 2.11 shall no longer apply to the Securities of such series. In such event the Company will execute and subject to Section 2.05, the Trustee, upon receipt of an Officers' Certificate evidencing such determination by the Company, will authenticate and deliver the Securities of such series in definitive registered form without coupons, in authorized denominations, and in an aggregate principal amount equal to the principal amount of the Global Security of such series in exchange for such Global Security. Upon the exchange of the Global Security for such Securities in definitive registered form without coupons, in authorized denominations, the Global Security shall be canceled by the Trustee. Such Securities in definitive registered form issued in exchange for the Global Security pursuant to this Section 2.11(c) shall be registered in such names and in such authorized denominations as the Depository, pursuant to instructions from its direct or indirect participants or otherwise, shall instruct the Trustee. The Trustee shall deliver such Securities to the Depository for delivery to the Persons in whose names such Securities are so registered.

ARTICLE 3  
REDEMPTION OF SECURITIES AND SINKING FUND PROVISIONS

SECTION 3.01       Redemption.  
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The Company may redeem the Securities of any series issued hereunder on and after the dates and in accordance with the terms established for such series pursuant to Section 2.01 hereof.

SECTION 3.02       Notice of Redemption.  
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(a) In case the Company shall desire to exercise such right to redeem all or, as the case may be, a portion of the Securities of any series in accordance with the right reserved so to do, the Company shall, or shall cause the Trustee to, give notice of such redemption to holders of the Securities of such series to be redeemed by mailing, first class postage prepaid, a notice of such redemption not less than 30 days and not more than 90 days before the date fixed for redemption of that series to such holders at their last addresses as they shall appear upon the Security Register unless a shorter period is specified in the Securities to be redeemed. Any notice that is mailed in the manner herein provided shall be conclusively presumed to have been duly given, whether or not the registered holder receives the notice. In any case, failure duly to give such notice to the holder of any Security of any series designated for redemption in whole or in part, or any defect in the notice, shall not affect the validity of the proceedings for the redemption of any other Securities of such series or any other series. In the case of any redemption of Securities prior to the expiration of any restriction on such redemption provided in the terms of such Securities or elsewhere in this Indenture, the Company shall furnish the Trustee with an Officers' Certificate evidencing compliance with any such restriction.

Each such notice of redemption shall specify the date fixed for redemption and the redemption price at which Securities of that series are to be redeemed, and shall state that payment of the redemption price of such Securities to be redeemed will be made at the office or agency of the Company in the Borough of Manhattan, the City and State of New York, upon presentation and surrender of such Securities, that interest accrued to the date fixed for redemption will be paid as specified in said notice, that from and after said date interest will cease to accrue and that the redemption is for a sinking fund, if such is the case. If less than all the Securities of a series are to be redeemed, the notice to the holders of Securities of that series to be redeemed in whole or in part shall specify the particular Securities to be so redeemed. In case any Security is to be redeemed in part only, the notice that relates to such Security shall state the portion of the principal amount thereof to be redeemed, and shall state that on and after the redemption date, upon surrender of such Security, a new Security or Securities of such series in principal amount equal to the unredeemed portion thereof will be issued.

(b) If less than all the Securities of a series are to be redeemed, the Company shall give the Trustee at least 45 days' notice in advance of the date fixed for redemption as to the aggregate principal amount of Securities of the series to be redeemed, and thereupon the Trustee shall select, by lot or in such other manner as it shall deem appropriate and fair in its discretion and that may provide for the selection of a portion or portions (equal to one thousand U.S. dollars (\$1,000) or any integral multiple thereof) of the principal amount of such Securities of a

denomination larger than \$1,000, the Securities to be redeemed and shall thereafter promptly notify the Company in writing of the numbers of the Securities to be redeemed, in whole or in part.

The Company may, if and whenever it shall so elect, by delivery of instructions signed on its behalf by its Chairman, President or any Vice President, instruct the Trustee or any paying agent to call all or any part of the Securities of a particular series for redemption and to give notice of redemption in the manner set forth in this Section, such notice to be in the name of the Company or its own name as the Trustee or such paying agent may deem advisable. In any case in which notice of redemption is to be given by the Trustee or any such paying agent, the Company shall deliver or cause to be delivered to, or permit to remain with, the Trustee or such paying agent, as the case may be, such Security Register, transfer books or other records, or suitable copies or extracts therefrom, sufficient to enable the Trustee or such paying agent to give any notice by mail that may be required under the provisions of this Section.

SECTION 3.03        Payment Upon Redemption.  
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(a) If the giving of notice of redemption shall have been completed as above provided, the Securities or portions of Securities of the series to be redeemed specified in such notice shall become due and payable on the date and at the place stated in such notice at the applicable redemption price, together with interest accrued to the date fixed for redemption and interest on such Securities or portions of Securities shall cease to accrue on and after the date fixed for redemption, unless the Company shall default in the payment of such redemption price and accrued interest with respect to any such Security or portion thereof. On presentation and surrender of such Securities on or after the date fixed for redemption at the place of payment specified in the notice, said Securities shall be paid and redeemed at the applicable redemption price for such series, together with interest accrued thereon to the date fixed for redemption (but if the date fixed for redemption is an interest payment date, the interest installment payable on such date shall be payable to the registered holder at the close of business on the applicable record date pursuant to Section 2.03).

(b) Upon presentation of any Security of such series that is to be redeemed in part only, the Company shall execute and the Trustee shall authenticate and the office or agency where the Security is presented shall deliver to the holder thereof, at the expense of the Company, a new Security of the same series of authorized denominations in principal amount equal to the unredeemed portion of the Security so presented.

SECTION 3.04        Sinking Fund.  
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The provisions of Sections 3.04, 3.05 and 3.06 shall be applicable to any sinking fund for the retirement of Securities of a series, except as otherwise specified as contemplated by Section 2.01 for Securities of such series.

The minimum amount of any sinking fund payment provided for by the terms of Securities of any series is herein referred to as a "mandatory sinking fund payment," and any payment in excess of such minimum amount provided for by the terms of Securities of any series is herein referred to as an "optional sinking fund payment". If provided for by the terms of

Securities of any series, the cash amount of any sinking fund payment may be subject to reduction as provided in Section 3.05. Each sinking fund payment shall be applied to the redemption of Securities of any series as provided for by the terms of Securities of such series.

SECTION 3.05 Satisfaction of Sinking Fund Payments with Securities.  
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The Company (i) may deliver Outstanding Securities of a series (other than any Securities previously called for redemption) and (ii) may apply as a credit Securities of a series that have been redeemed either at the election of the Company pursuant to the terms of such Securities or through the application of permitted optional sinking fund payments pursuant to the terms of such Securities, in each case in satisfaction of all or any part of any sinking fund payment with respect to the Securities of such series required to be made pursuant to the terms of such Securities as provided for by the terms of such series, provided that such Securities have not been previously so credited. Such Securities shall be received and credited for such purpose by the Trustee at the redemption price specified in such Securities for redemption through operation of the sinking fund and the amount of such sinking fund payment shall be reduced accordingly.

SECTION 3.06 Redemption of Securities for Sinking Fund.  
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Not less than 45 days prior to each sinking fund payment date for any series of Securities, the Company will deliver to the Trustee an Officers' Certificate specifying the amount of the next ensuing sinking fund payment for that series pursuant to the terms of the series, the portion thereof, if any, that is to be satisfied by delivering and crediting Securities of that series pursuant to Section 3.05 and the basis for such credit and will, together with such Officers' Certificate, deliver to the Trustee any Securities to be so delivered. Not less than 30 days before each such sinking fund payment date the Trustee shall select the Securities to be redeemed upon such sinking fund payment date in the manner specified in Section 3.02 and cause notice of the redemption thereof to be given in the name of and at the expense of the Company in the manner provided in Section 3.02. Such notice having been duly given, the redemption of such Securities shall be made upon the terms and in the manner stated in Section 3.03.

ARTICLE 4  
CERTAIN COVENANTS

SECTION 4.01 Payment of Principal, Premium and Interest.  
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The Company will duly and punctually pay or cause to be paid the principal of (and premium, if any) and interest on the Securities of that series at the time and place and in the manner provided herein and established with respect to such Securities.

SECTION 4.02 Maintenance of Office or Agency.  
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So long as any series of the Securities remain Outstanding, the Company agrees to maintain an office or agency in the Borough of Manhattan, the City and State of New York, with respect to each such series and at such other location or locations as may be designated as provided in this Section 4.02, where (i) Securities of that series may be presented for payment, (ii) Securities of that series may be presented as hereinabove authorized for registration of transfer and exchange, and (iii) notices and demands to or upon the Company in respect of the

Securities of that series and this Indenture may be given or served, such designation to continue with respect to such office or agency until the Company shall, by written notice signed by its Chairman, President or a Vice President and delivered to the trustee, designate some other office or agency for such purposes or any of them. If at any time the Company shall fail to maintain any such required office or agency or shall fail to furnish the Trustee with the address thereof, such presentations, notices and demands may be made or served at the Corporate Trust Office of the Trustee, and the Company hereby appoints the Trustee as its agent to receive all such presentations, notices and demands.

SECTION 4.03      Paying Agents.  
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(a) If the Company shall appoint one or more paying agents for all or any series of the Securities, other than the Trustee, the Company will cause each such paying agent to execute and deliver to the Trustee an instrument in which such agent shall agree with the Trustee, subject to the provisions of this Section:

(1) that it will hold all sums held by it as such agent for the payment of the principal of (and premium, if any) or interest on the Securities of that series (whether such sums have been paid to it by the Company or by any other obligor of such Securities) in trust for the benefit of the Persons entitled thereto;

(2) that it will give the Trustee notice of any failure by the Company (or by any other obligor of such Securities) to make any payment of the principal of (and premium, if any) or interest on the Securities of that series when the same shall be due and payable;

(3) that it will, at any time during the continuance of any failure referred to in the preceding paragraph (a)(2) above, upon the written request of the Trustee, forthwith pay to the Trustee all sums so held in trust by such paying agent; and

(4) that it will perform all other duties of paying agent as set forth in this Indenture.

(b) If the Company shall act as its own paying agent with respect to any series of the Securities, it will on or before each due date of the principal of (and premium, if any) or interest on Securities of that series, set aside, segregate and hold in trust for the benefit of the Persons entitled thereto a sum sufficient to pay such principal (and premium, if any) or interest so becoming due on Securities of that series until such sums shall be paid to such Persons or otherwise disposed of as herein provided and will promptly notify the Trustee of such action, or any failure (by it or any other obligor on such Securities) to take such action. Whenever the Company shall have one or more paying agents for any series of Securities, it will, prior to each due date of the principal of (and premium, if any) or interest on any Securities of that series, deposit with the paying agent a sum sufficient to pay the principal (and premium, if any) or interest so becoming due, such sum to be held in trust for the benefit of the Persons entitled to such principal, premium or interest, and (unless such paying agent is the Trustee) the Company will promptly notify the Trustee of this action or failure so to act.

(c) Notwithstanding anything in this Section to the contrary, (i) the agreement to hold sums in trust as provided in this Section is subject to the provisions of Section 11.05, and (ii) the



Company may at any time, for the purpose of obtaining the satisfaction and discharge of this Indenture or for any other purpose, pay, or direct any paying agent to pay, to the Trustee all sums held in trust by the Company or such paying agent, such sums to be held by the Trustee upon the same terms and conditions as those upon which such sums were held by the Company or such paying agent; and, upon such payment by any paying agent to the Trustee, such paying agent shall be released from all further liability with respect to such money.

SECTION 4.04 Appointment to Fill Vacancy in Office of Trustee.  
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The Company, whenever necessary to avoid or fill a vacancy in the office of Trustee, will appoint, in the manner provided in Section 7.10, a Trustee, so that there shall at all times be a Trustee hereunder.

SECTION 4.05 Compliance with Consolidation Provisions.  
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The Company will not, while any of the Securities remain Outstanding, consolidate with, or merge into, or merge into itself, or sell or convey all or substantially all of its property to any other company unless the provisions of Article Ten hereof are complied with.

ARTICLE 5  
SECURITYHOLDERS' LISTS AND REPORTS  
BY THE COMPANY AND THE TRUSTEE

SECTION 5.01 Company to Furnish Trustee Names and Addresses of  
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Securityholders.  
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The Company will furnish or cause to be furnished to the Trustee (a) on a monthly basis on each regular record date (as defined in Section 2.03) a list, in such form as the Trustee may reasonably require, of the names and addresses of the holders of each series of Securities as of such regular record date, provided that the Company shall not be obligated to furnish or cause to furnish such list at any time that the list shall not differ in any respect from the most recent list furnished to the Trustee by the Company and (b) at such other times as the Trustee may request in writing within 30 days after the receipt by the Company of any such request, a list of similar form and content as of a date not more than 15 days prior to the time such list is furnished; provided, however, that, in either case, no such list need be furnished for any series for which the Trustee shall be the Security Registrar.

SECTION 5.02 Preservation Of Information; Communications With  
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Securityholders.  
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(a) The Trustee shall preserve, in as current a form as is reasonably practicable, all information as to the names and addresses of the holders of Securities contained in the most recent list furnished to it as provided in Section 5.01 and as to the names and addresses of holders of Securities received by the Trustee in its capacity as Security Registrar (if acting in such capacity).

(b) The Trustee may destroy any list furnished to it as provided in Section 5.01 upon receipt of a new list so furnished.

(c) Securityholders may communicate as provided in Section 312(b) of the Trust Indenture Act with other Securityholders with respect to their rights under this Indenture or under the Securities.

SECTION 5.03        Reports by the Company.  
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(a) The Company covenants and agrees to file with the Trustee, within 30 days after the Company is required to file the same with the Commission, copies of the annual reports and of the information, documents and other reports (or copies of such portions of any of the foregoing as the Commission may from time to time by rules and regulations prescribe) that the Company may be required to file with the Commission pursuant to Section 13 or Section 15(d) of the Exchange Act; or, if the Company is not required to file information, documents or reports pursuant to either of such sections, then to file with the Trustee and the Commission, in accordance with the rules and regulations prescribed from time to time by the Commission, such of the supplementary and periodic information, documents and reports that may be required pursuant to Section 13 of the Exchange Act, in respect of a security listed and registered on a national securities exchange as may be prescribed from time to time in such rules and regulations.

(b) The Company covenants and agrees to file with the Trustee and the Commission, in accordance with the rules and regulations prescribed from time to time by the Commission, such additional information, documents and reports with respect to compliance by the Company with the conditions and covenants provided for in this Indenture as may be required from time to time by such rules and regulations.

(c) The Company covenants and agrees to transmit by mail, first class postage prepaid, or reputable over-night delivery service that provides for evidence of receipt, to the Securityholders, as their names and addresses appear upon the Security Register, within 30 days after the filing thereof with the Trustee, such summaries of any information, documents and reports required to be filed by the Company pursuant to subsections (a) and (b) of this Section as may be required by rules and regulations prescribed from time to time by the Commission.

SECTION 5.04        Reports by the Trustee.  
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(a) On or before July 15 in each year in which any of the Securities are Outstanding, the Trustee shall transmit by mail, first class postage prepaid, to the Securityholders, as their names and addresses appear upon the Security Register, a brief report dated as of the preceding May 15, if and to the extent required under Section 313(a) of the Trust Indenture Act.

(b) The Trustee shall comply with Section 313(b) and 313(c) of the Trust Indenture Act.

(c) A copy of each such report shall, at the time of such transmission to Securityholders, be filed by the Trustee with the Company, with each stock exchange upon which any Securities are listed (if so listed) and also with the Commission. The Company agrees to notify the Trustee when any Securities become listed on any stock exchange.

ARTICLE 6  
REMEDIES OF THE TRUSTEE AND SECURITYHOLDERS  
ON EVENT OF DEFAULT

SECTION 6.01      Events of Default.  
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(a) Whenever used herein with respect to Securities of a particular series, "Event of Default" means any one or more of the following events that has occurred and is continuing:

(1) the Company defaults in the payment of any installment of interest upon any of the Securities of that series, as and when the same shall become due and payable, and continuance of such default for a period of 90 days; provided, however, that a valid extension of an interest payment period by the Company in accordance with the terms of any indenture supplemental hereto, shall not constitute a default in the payment of interest for this purpose;

(2) the Company defaults in the payment of the principal of (or premium, if any, on) any of the Securities of that series as and when the same shall become due and payable whether at maturity, upon redemption, by declaration or otherwise, or in any payment required by any sinking or analogous fund established with respect to that series; provided, however, that a valid extension of the maturity of such Securities in accordance with the terms of any indenture supplemental hereto shall not constitute a default in the payment of principal or premium, if any;

(3) the Company fails to observe or perform any other of its covenants or agreements with respect to that series contained in this Indenture or otherwise established with respect to that series of Securities pursuant to Section 2.01 hereof (other than a covenant or agreement that has been expressly included in this Indenture solely for the benefit of one or more series of Securities other than such series) for a period of 90 days after the date on which written notice of such failure, requiring the same to be remedied and stating that such notice is a "Notice of Default" hereunder, shall have been given to the Company by the Trustee, by registered or certified mail, or to the Company and the Trustee by the holders of at least 25% in principal amount of the Securities of that series at the time Outstanding;

(4) the Company pursuant to or within the meaning of any Bankruptcy Law (i) commences a voluntary case, (ii) consents to the entry of an order for relief against it in an involuntary case, (iii) consents to the appointment of a Custodian of it or for all or substantially all of its property or (iv) makes a general assignment for the benefit of its creditors; or

(5) a court of competent jurisdiction enters an order under any Bankruptcy Law that (i) is for relief against the Company in an involuntary case, (ii) appoints a Custodian of the Company for all or substantially all of their respective property, or (iii) orders the liquidation of the Company, and the order or decree remains unstayed and in effect for 90 days.

(b) In each and every such case, unless the principal of all the Securities of that series shall have already become due and payable, either the Trustee or the holders of not less than 25% in aggregate principal amount of the Securities of that series then Outstanding hereunder, by notice in writing to the Company (and to the Trustee if given by such Securityholders), may declare the principal of all the Securities of that series to be due and payable immediately, and upon any such declaration the same shall become and shall be immediately due and payable,

notwithstanding anything contained in this Indenture or in the Securities of that series or established with respect to that series pursuant to Section 2.01 to the contrary.

(c) At any time after the principal of the Securities of that series shall have been so declared due and payable, and before any judgment or decree for the payment of the moneys due shall have been obtained or entered as hereinafter provided, the holders of a majority in aggregate principal amount of the Securities of that series then Outstanding hereunder, by written notice to the Company and the Trustee, may rescind and annul such declaration and its consequences if: (i) the Company has paid or deposited with the Trustee a sum sufficient to pay all matured installments of interest upon all the Securities of that series and the principal of (and premium, if any, on) any and all Securities of that series that shall have become due otherwise than by acceleration (with interest upon such principal and premium, if any, and, to the extent that such payment is enforceable under applicable law, upon overdue installments of interest, at the rate per annum expressed in the Securities of that series to the date of such payment or deposit) and the amount payable to the Trustee under Section 7.06, and (ii) any and all Events of Default under the Indenture with respect to such series, other than the nonpayment of principal on Securities of that series that shall not have become due by their terms, shall have been remedied or waived as provided in Section 6.06.

No such rescission and annulment shall extend to or shall affect any subsequent default or impair any right consequent thereon.

(d) In case the Trustee shall have proceeded to enforce any right with respect to Securities of that series under this Indenture and such proceedings shall have been discontinued or abandoned because of such rescission or annulment or for any other reason or shall have been determined adversely to the Trustee, then and in every such case the Company, and the Trustee shall be restored respectively to their former positions and rights hereunder, and all rights, remedies and powers of the Company and the Trustee shall continue as though no such proceedings had been taken.

SECTION 6.02 Collection of Indebtedness and Suits for Enforcement by Trustee.  
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(a) The Company covenants that (1) in case it shall default in the payment of any installment of interest on any of the Securities of a series, or any payment required by any sinking or analogous fund established with respect to that series as and when the same shall have become due and payable, and such default shall have continued for a period of 90 Business Days, or (2) in case it shall default in the payment of the principal of (or premium, if any, on) any of the Securities of a series when the same shall have become due and payable, whether upon maturity of the Securities of a series or upon redemption or upon declaration or otherwise, then, upon demand of the Trustee, the Company will pay to the Trustee, for the benefit of the holders of the Securities of that series, the whole amount that then shall have been become due and payable on all such Securities for principal (and premium, if any) or interest, or both, as the case may be, with interest upon the overdue principal (and premium, if any) and (to the extent that payment of such interest is enforceable under applicable law) upon overdue installments of interest at the rate per annum expressed in the Securities of that series; and, in addition thereto, such further amount as shall be sufficient to cover the costs and expenses of collection, and the amount payable to the Trustee under Section 7.06.

(b) If the Company shall fail to pay such amounts forthwith upon such demand, the Trustee, in its own name and as trustee of an express trust, shall be entitled and empowered to institute any action or proceedings at law or in equity for the collection of the sums so due and unpaid, and may prosecute any such action or proceeding to judgment or final decree, and may enforce any such judgment or final decree against the Company or other obligor upon the Securities of that series and collect the moneys adjudged or decreed to be payable in the manner provided by law out of the property of the Company or other obligor upon the Securities of that series, wherever situated.

(c) In case of any receivership, insolvency, liquidation, bankruptcy, reorganization, readjustment, arrangement, composition or judicial proceedings affected the Company, or its creditors or property, the Trustee shall have power to intervene in such proceedings and take any action therein that may be permitted by the court and shall (except as may be otherwise provided by law) be entitled to file such proofs of claim and other papers and documents as may be necessary or advisable in order to have the claims of the Trustee and of the holders of Securities of such series allowed for the entire amount due and payable by the Company under the Indenture at the date of institution of such proceedings and for any additional amount that may become due and payable by the Company after such date, and to collect and receive any moneys or other property payable or deliverable on any such claim, and to distribute the same after the deduction of the amount payable to the Trustee under Section 7.06; and any receiver, assignee or trustee in bankruptcy or reorganization is hereby authorized by each of the holders of Securities of such series to make such payments to the Trustee, and, in the event that the Trustee shall consent to the making of such payments directly to such Securityholders, to pay to the Trustee any amount due it under Section 7.06.

(d) All rights of action and of asserting claims under this Indenture, or under any of the terms established with respect to Securities of that series, may be enforced by the Trustee without the possession of any of such Securities, or the production thereof at any trial or other proceeding relative thereto, and any such suit or proceeding instituted by the Trustee shall be brought in its own name as trustee of an express trust, and any recovery of judgment shall, after provision for payment to the Trustee of any amounts due under Section 7.06, be for the ratable benefit of the holders of the Securities of such series.

In case of an Event of Default hereunder, the Trustee may in its discretion proceed to protect and enforce the rights vested in it by this Indenture by such appropriate judicial proceedings as the Trustee shall deem most effectual to protect and enforce any of such rights, either at law or in equity or in bankruptcy or otherwise, whether for the specific enforcement of any covenant or agreement contained in the Indenture or in aid of the exercise of any power granted in this Indenture, or to enforce any other legal or equitable right vested in the Trustee by this Indenture or by law.

Nothing contained herein shall be deemed to authorize the Trustee to authorize or consent to or accept or adopt on behalf of any Securityholder any plan of reorganization, arrangement, adjustment or composition affecting the Securities of that series or the rights of any holder thereof or to authorize the Trustee to vote in respect of the claim of any Securityholder in any such proceeding.

SECTION 6.03      Application of Moneys Collected.  
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Any moneys collected by the Trustee pursuant to this Article with respect to a particular series of Securities shall be applied in the following order, at the date or dates fixed by the Trustee and, in case of the distribution of such moneys on account of principal (or premium, if any) or interest, upon presentation of the Securities of that series, and notation thereon the payment, if only partially paid, and upon surrender thereof if fully paid:

FIRST: To the payment of costs and expenses of collection and of all amounts payable to the Trustee under Section 7.06; and

SECOND: To the payment of the amounts then due and unpaid upon Securities of such series for principal (and premium, if any) and interest, in respect of which or for the benefit of which such money has been collected, ratably, without preference or priority of any kind, according to the amounts due and payable on such Securities for principal (and premium, if any) and interest, respectively.

SECTION 6.04      Limitation on Suits.  
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No holder of any Security of any series shall have any right by virtue or by availing of any provision of this Indenture to institute any suit, action or proceeding in equity or at law upon or under or with respect to this Indenture or for the appointment of a receiver or trustee, or for any other remedy hereunder, unless (i) such holder previously shall have given to the Trustee written notice of an Event of Default and of the continuance thereof with respect to the Securities of such series specifying such Event of Default, as hereinbefore provided; (ii) the holders of not less than 25% in aggregate principal amount of the Securities of such series then Outstanding shall have made written request upon the Trustee to institute such action, suit or proceeding in its own name as trustee hereunder; (iii) such holder or holders shall have offered to the Trustee such reasonable indemnity as it may require against the costs, expenses and liabilities to be incurred therein or thereby; and (iv) the Trustee for 60 days after its receipt of such notice, request and offer of indemnity, shall have failed to institute any such action, suit or proceeding and (v) during such 60 day period, the holders of a majority in principal amount of the Securities of that series do not give the Trustee a direction inconsistent with the request.

Notwithstanding anything contained herein to the contrary, any other provisions of this Indenture, the right of any holder of any Security to receive payment of the principal of (and premium, if any) and interest on such Security, as therein provided, on or after the respective due dates expressed in such Security (or in the case of redemption, on the redemption date), or to institute suit for the enforcement of any such payment on or after such respective dates or redemption date, shall not be impaired or affected without the consent of such holder and by accepting a Security hereunder it is expressly understood, intended and covenanted by the taker and holder of every Security of such series with every other such taker and holder and the Trustee, that no one or more holders of Securities of such series shall have any right in any manner whatsoever by virtue or by availing of any provision of this Indenture to affect, disturb or prejudice the rights of the holders of any other of such Securities, or to obtain or seek to obtain priority over or preference to any other such holder, or to enforce any right under this Indenture, except in the manner herein provided and for the equal, ratable and common benefit of all

holders of Securities of such series. For the protection and enforcement of the provisions of this Section, each and every Securityholder and the Trustee shall be entitled to such relief as can be given either at law or in equity.

SECTION 6.05 Rights and Remedies Cumulative; Delay or Omission Not Waiver.  
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(a) Except as otherwise provided in Section 2.07, all powers and remedies given by this Article to the Trustee or to the Securityholders shall, to the extent permitted by law, be deemed cumulative and not exclusive of any other powers and remedies available to the Trustee or the holders of the Securities, by judicial proceedings or otherwise, to enforce the performance or observance of the covenants and agreements contained in this Indenture or otherwise established with respect to such Securities.

(b) No delay or omission of the Trustee or of any holder of any of the Securities to exercise any right or power accruing upon any Event of Default occurring and continuing as aforesaid shall impair any such right or power, or shall be construed to be a waiver of any such default or on acquiescence therein; and, subject to the provisions of Section 6.04, every power and remedy given by this Article or by law to the Trustee or the Securityholders may be exercised from time to time, and as often as shall be deemed expedient, by the Trustee or by the Securityholders.

SECTION 6.06 Control by Securityholders.  
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The holders of a majority in aggregate principal amount of the Securities of any series at the time Outstanding, determined in accordance with Section 8.04, shall have the right to direct the time, method and place of conducting any proceeding for any remedy available to the Trustee, or exercising any trust or power conferred on the Trustee with respect to such series; provided, however, that such direction shall not be in conflict with any rule of law or with this Indenture or be unduly prejudicial to the rights of holders of Securities of any other series at the time Outstanding determined in accordance with Section 8.04. Subject to the provisions of Section 7.01, the Trustee shall have the right to decline to follow any such direction if the Trustee in good faith shall, by a Responsible Officer or Officers of the Trustee, determine that the proceeding so directed would involve the Trustee in personal liability. The holders of a majority in aggregate principal amount of the Securities of any series at the time Outstanding affected thereby, determined in accordance with Section 8.04, may on behalf of the holders of all of the Securities of such series waive any past default in the performance of any of the covenants contained herein or established pursuant to Section 2.01 with respect to such series and its consequences, except a default in the payment of the principal of, or premium, if any, or interest on, any of the Securities of that series as and when the same shall become due by the terms of such Securities otherwise than by acceleration (unless such default has been cured and a sum sufficient to pay all matured installments of interest and principal and any premium has been deposited with the Trustee (in accordance with Section 6.01(c)). Upon any such waiver, the default covered thereby shall be deemed to be cured for all purposes of this Indenture and the Company, the Trustee and the holders of the Securities of such series shall be restored to their former positions and rights hereunder, respectively; but no such waiver shall extend to any subsequent or other default or impair any right consequent thereon.

SECTION 6.07      Undertaking to Pay Costs.  
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All parties to this Indenture agree, and each holder of any Securities by such holder's acceptance thereof shall be deemed to have agreed, that any court may in its discretion require, in any suit for the enforcement of any right or remedy under this Indenture, or in any suit against the Trustee for any action taken or omitted by it as Trustee, the filing by any party litigant in such suit of an undertaking to pay the costs of such suit, and that such court may in its discretion assess reasonable costs, including reasonable attorneys' fees, against any party litigant in such suit, having due regard to the merits and good faith of the claims or defenses made by such party litigant; but the provisions of this Section shall not apply to any suit instituted by the Trustee, to any suit instituted by any Securityholder, or group of Securityholders, holding more than 10% in aggregate principal amount of the Outstanding Securities of any series, or to any suit instituted by any Securityholder for the enforcement of the payment of the principal of (or premium, if any) or interest on any Security of such series, on or after the respective due dates expressed in such Security or established pursuant to this Indenture.

ARTICLE 7  
CONCERNING THE TRUSTEE

SECTION 7.01      Certain Duties and Responsibilities of Trustee.  
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(a) The Trustee, prior to the occurrence of an Event of Default with respect to the Securities of a series and after the curing of all Events of Default with respect to the Securities of that series that may have occurred, shall undertake to perform with respect to the Securities of such series such duties and only such duties as are specifically set forth in this Indenture, and no implied covenants shall be read into this Indenture against the Trustee. In case an Event of Default with respect to the Securities of a series has occurred (that has not been cured or waived), the Trustee shall exercise with respect to Securities of that series such of the rights and powers vested in it by this Indenture, and use the same degree of care and skill in their exercise, as a prudent man would exercise or use under the circumstances in the conduct of his own affairs.

(b) No provision of this Indenture shall be construed to relieve the Trustee from liability for its own negligent action, its own negligent failure to act, or its own willful misconduct, except that:

(1) prior to the occurrence of an Event of Default with respect to the Securities of a series and after the curing or waiving of all such Events of Default with respect to that series that may have occurred:

(i) the duties and obligations of the Trustee shall with respect to the Securities of such series be determined solely by the express provisions of this Indenture, and the Trustee shall not be liable with respect to the Securities of such series except for the performance of such duties and obligations as are specifically set forth in this Indenture, and no implied covenants or obligations shall be read into this Indenture against the Trustee; and



(ii) in the absence of bad faith on the part of the Trustee, the Trustee may with respect to the Securities of such series conclusively rely, as to the truth of the statements and the correctness of the opinions expressed therein, upon any certificates or opinions furnished to the Trustee and conforming to the requirements of this Indenture; but in the case of any such certificates or opinions that by any provision hereof are specifically required to be furnished to the Trustee, the Trustee shall be under a duty to examine the same to determine whether or not they conform to the requirement of this Indenture;

(2) the Trustee shall not be liable for any error of judgment made in good faith by a Responsible Officer or Responsible Officers of the Trustee, unless it shall be proved that the Trustee, was negligent in ascertaining the pertinent facts;

(3) the Trustee shall not be liable with respect to any action taken or omitted to be taken by it in good faith in accordance with the direction of the holders of not less than a majority in principal amount of the Securities of any series at the time Outstanding relating to the time, method and place of conducting any proceeding for any remedy available to the Trustee, or exercising any trust or power conferred upon the Trustee under this Indenture with respect to the Securities of that series; and

(4) None of the provisions contained in this Indenture shall require the Trustee to expend or risk its own funds or otherwise incur personal financial liability in the performance of any of its duties or in the exercise of any of its rights or powers, if there is reasonable ground for believing that the repayment of such funds or liability is not reasonably assured to it under the terms of this Indenture or adequate indemnity against such risk is not reasonably assured to it.

SECTION 7.02      Certain Rights of Trustee.  
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Except as otherwise provided in Section 7.01:

(a) The Trustee may rely and shall be protected in acting or refraining from acting upon any resolution, certificate, statement, instrument, opinion, report, notice, request, consent, order, approval, bond, security or other paper or document believed by it to be genuine and to have been signed or presented by the proper party or parties;

(b) Any request, direction, order or demand of the Company mentioned herein shall be sufficiently evidenced by a Board Resolution or an instrument signed in the name of the Company, by the Chairman, President or any Vice President and by the Secretary or an Assistant Secretary or the Treasurer or an Assistant Treasurer thereof (unless other evidence in respect thereof is specifically prescribed herein);

(c) The Trustee may consult with counsel and the written advice of such counsel or any Opinion of Counsel shall be full and complete authorization and protection in respect of any action taken or suffered or omitted hereunder in good faith and in reliance thereon;

(d) The Trustee shall be under no obligation to exercise any of the rights or powers vested in it by this Indenture at the request, order or direction of any of the Securityholders,

pursuant to the provisions of this Indenture, unless such Securityholders shall have offered to the Trustee reasonable security or indemnity against the costs, expenses and liabilities that may be incurred therein or thereby; nothing contained herein shall, however, relieve the Trustee of the obligation, upon the occurrence of an Event of Default with respect to a series of the Securities (that has not been cured or waived) to exercise with respect to Securities of that series such of the rights and powers vested in it by this Indenture, and to use the same degree of care and skill in their exercise, as a prudent man would exercise or use under the circumstances in the conduct of his own affairs;

(e) The Trustee shall not be liable for any action taken or omitted to be taken by it in good faith and believed by it to be authorized or within the discretion or rights or powers conferred upon it by this Indenture;

(f) The Trustee shall not be bound to make any investigation into the facts or matters stated in any resolution, certificate, statement, instrument, opinion, report, notice, request, consent, order, approval, bond, security, or other papers or documents, unless requested in writing so to do by the holders of not less than a majority in principal amount of the Outstanding Securities of the particular series affected thereby (determined as provided in Section 8.04); provided, however, that if the payment within a reasonable time to the Trustee of the costs, expenses or liabilities likely to be incurred by it in the making of such investigation is, in the opinion of the Trustee, not reasonably assured to the Trustee by the security afforded to it by the terms of this Indenture, the Trustee may require reasonable indemnity against such costs, expenses or liabilities as a condition to so proceeding. The reasonable expense of every such examination shall be paid by the Company or, if paid by the Trustee, shall be repaid by the Company upon demand; and

(g) The Trustee may execute any of the trusts or powers hereunder or perform any duties hereunder either directly or by or through agents or attorneys and the Trustee shall not be responsible for any misconduct or negligence on the part of any agent or attorney appointed with due care by it hereunder.

SECTION 7.03 Trustee Not Responsible for Recitals or Issuance or Securities.  
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(a) The recitals contained herein and in the Securities shall be taken as the statements of the Company, and the Trustee assumes no responsibility for the correctness of the same.

(b) The Trustee makes no representations as to the validity or sufficiency of this Indenture or of the Securities.

(c) The Trustee shall not be accountable for the use or application by the Company of any of the Securities or of the proceeds of such Securities, or for the use or application of any moneys paid over by the Trustee in accordance with any provision of this Indenture or established pursuant to Section 2.01, or for the use or application of any moneys received by any paying agent other than the Trustee.

SECTION 7.04 May Hold Securities.  
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The Trustee or any paying agent or Security Registrar, in its individual or any other capacity, may become the owner or pledgee of Securities with the same rights it would have if it were not Trustee, paying agent or Security Registrar.

SECTION 7.05 Moneys Held in Trust.  
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Subject to the provisions of Section 11.05, all moneys received by the Trustee shall, until used or applied as herein provided, be held in trust for the purposes for which they were received, but need not be segregated from other funds except to the extent required by law. The Trustee shall be under no liability for interest on any moneys received by it hereunder except such as it may agree with the Company to pay thereon.

SECTION 7.06 Compensation and Reimbursement.  
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(a) The Company covenants and agrees to pay to the Trustee, and the Trustee shall be entitled to, such reasonable compensation (which shall not be limited by any provision of law in regard to the compensation of a trustee of an express trust), as the Company, and the Trustee may from time to time agree in writing, for all services rendered by it in the execution of the trusts hereby created and in the exercise and performance of any of the powers and duties hereunder of the Trustee, and, except as otherwise expressly provided herein, the Company will pay or reimburse the Trustee upon its request for all reasonable expenses, disbursements and advances incurred or made by the Trustee in accordance with any of the provisions of this Indenture (including the reasonable compensation and the expenses and disbursements of its counsel and of all Persons not regularly in its employ) except any such expense, disbursement or advance as may arise from its negligence or bad faith. The Company also covenants to indemnify the Trustee (and its officers, agents, directors and employees) for, and to hold it harmless against, any loss, liability or expense incurred without negligence or bad faith on the part of the Trustee and arising out of or in connection with the acceptance or administration of this trust, including the costs and expenses of defending itself against any claim of liability in the premises.

(b) The obligations of the Company under this Section to compensate and indemnify the Trustee and to pay or reimburse the Trustee for expenses, disbursements and advances shall constitute additional indebtedness hereunder. Such additional indebtedness shall be secured by a lien prior to that of the Securities upon all property and funds held or collected by the Trustee as such, except funds held in trust for the benefit of the holders of particular Securities.

SECTION 7.07 Reliance on Officers' Certificate.  
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Except as otherwise provided in Section 7.01, whenever in the administration of the provisions of this Indenture the Trustee shall deem it necessary or desirable that a matter be proved or established prior to taking or suffering or omitting to take any action hereunder, such matter (unless other evidence in respect thereof be herein specifically prescribed) may, in the absence of negligence or bad faith on the part of the Trustee, be deemed to be conclusively proved and established by an Officers' Certificate delivered to the Trustee and such certificate, in the absence of negligence or bad faith on the part of the Trustee, shall be full warrant to the

Trustee for any action taken, suffered or omitted to be taken by it under the provisions of this Indenture upon the faith thereof.

SECTION 7.08 Disqualification; Conflicting Interests.  
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If the Trustee has or shall acquire any "conflicting interest" within the meaning of Section 310(b) of the Trust Indenture Act, the Trustee and the Company shall in all respects comply with the provisions of Section 310(b) of the Trust Indenture Act.

SECTION 7.09 Corporate Trustee Required; Eligibility.  
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There shall at all times be a Trustee with respect to the Securities issued hereunder which shall at all times be a corporation organized and doing business under the laws of the United States of America or any State or Territory thereof or of the District of Columbia, or a corporation or other Person permitted to act as trustee by the Commission, authorized under such laws to exercise corporate trust powers, having a combined capital and surplus of at least 50 million U.S. dollars (\$50,000,000), and subject to supervision or examination by Federal, State, Territorial, or District of Columbia authority. If such corporation publishes reports of condition at least annually, pursuant to law or to the requirements of the aforesaid supervising or examining authority, then for the purposes of this Section, the combined capital and surplus of such corporation shall be deemed to be its combined capital and surplus as set forth in its most recent report of condition so published. The Company may not, nor may any Person directly or indirectly controlling, controlled by, or under common control with the Company, serve as Trustee. In case at any time the Trustee shall cease to be eligible in accordance with the provisions of this Section, the Trustee shall resign immediately in the manner and with the effect specified in Section 7.10.

SECTION 7.10 Resignation and Removal; Appointment of Successor.  
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(a) The Trustee or any successor hereafter appointed, may at any time resign with respect to the Securities of one or more series by giving written notice thereof to the Company and by transmitting notice of resignation by mail, first class postage prepaid, to the Securityholders of such series, as their names and addresses appear upon the Security Register. Upon receiving such notice of resignation, the Company shall promptly appoint a successor trustee with respect to Securities of such series by written instrument, in duplicate, executed by order of the Board of Directors, one copy of which instrument shall be delivered to the resigning Trustee and one copy to the successor trustee. If no successor trustee shall have been so appointed and have accepted appointment within 30 days after the mailing of such notice of resignation, the resigning Trustee may petition any court of competent jurisdiction for the appointment of a successor trustee with respect to Securities of such series, or any Securityholder of that series who has been a bona fide holder of a Security or Securities for at least six months may on behalf of himself and all others similarly situated, petition any such court for the appointment of a successor trustee. Such court may thereupon after such notice, if any, as it may deem proper and prescribe, appoint a successor trustee.

(b) In case at any time any one of the following shall occur:

(1) the Trustee shall fail to comply with the provisions of Section 7.08 after written request therefor by the Company or by any Securityholder who has been a bona fide holder of a Security or Securities for at least six months; or

(2) the Trustee shall cease to be eligible in accordance with the provisions of Section 7.09 and shall fail to resign after written request therefor by the Company or by any such Securityholder; or

(3) the Trustee shall become incapable of acting, or shall be adjudged a bankrupt or insolvent, or commence a voluntary bankruptcy proceeding, or a receiver of the Trustee or of its property shall be appointed or consented to, or any public officer shall take charge or control of the Trustee or of its property or affairs for the purpose of rehabilitation, conservation or liquidation, then, in any such case, the Company may remove the Trustee with respect to all Securities and appoint a successor trustee by written instrument, in duplicate, executed by order of the Board of Directors, one copy of which instrument shall be delivered to the Trustee so removed and one copy to the successor trustee, or, unless the Trustee's duty to resign is stayed as provided herein, any Securityholder who has been a bona fide holder of a Security or Securities for at least six months may, on behalf of that holder and all others similarly situated, petition any court of competent jurisdiction for the removal of the Trustee and the appointment of a successor trustee. Such court may thereupon after such notice, if any, as it may deem proper and prescribe, remove the Trustee and appoint a successor trustee.

(c) The holders of a majority in aggregate principal amount of the Securities of any series at the time Outstanding may at any time remove the Trustee with respect to such series by so notifying the Trustee and the Company and may appoint a successor Trustee for such series with the consent of the Company.

(d) Any resignation or removal of the Trustee and appointment of a successor trustee with respect to the Securities of a series pursuant to any of the provisions of this Section shall become effective upon acceptance of appointment by the successor trustee as provided in Section 7.11.

(e) Any successor trustee appointed pursuant to this Section may be appointed with respect to the Securities of one or more series or all of such series, and at any time there shall be only one Trustee with respect to the Securities of any particular series.

SECTION 7.11      Acceptance of Appointment By Successor.  
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(a) In case of the appointment hereunder of a successor trustee with respect to all Securities, every such successor trustee so appointed shall execute, acknowledge and deliver to the Company and to the retiring Trustee an instrument accepting such appointment, and thereupon the resignation or removal of the retiring Trustee shall become effective and such successor trustee, without any further act, deed or conveyance, shall become vested with all the rights, powers, trusts and duties of the retiring Trustee; but, on the request of the Company or the successor trustee, such retiring Trustee shall, upon payment of its charges, execute and deliver an instrument transferring to such successor trustee all the rights, powers, and trusts of the retiring

Trustee and shall duly assign, transfer and deliver to such successor trustee all property and money held by such retiring Trustee hereunder.

(b) In case of the appointment hereunder of a successor trustee with respect to the Securities of one or more (but not all) series, the Company, the retiring Trustee and each successor trustee with respect to the Securities of one or more series shall execute and deliver an indenture supplemental hereto wherein each successor trustee shall accept such appointment and which (1) shall contain such provisions as shall be necessary or desirable to transfer and confirm to, and to vest in, each successor trustee all the rights, powers, trusts and duties of the retiring Trustee with respect to the Securities of that or those series to which the appointment of such successor trustee relates, (2) shall contain such provisions as shall be deemed necessary or desirable to confirm that all the rights, powers, trusts and duties of the retiring Trustee with respect to the Securities of that or those series as to which the retiring Trustee is not retiring shall continue to be vested in the retiring Trustee, and (3) shall add to or change any of the provisions of this Indenture as shall be necessary to provide for or facilitate the administration of the trusts hereunder by more than one Trustee, it being understood that nothing herein or in such supplemental indenture shall constitute such Trustees co-trustees of the same trust, that each such Trustee shall be trustee of a trust or trusts hereunder separate and apart from any trust or trusts hereunder administered by any other such Trustee and that no Trustee shall be responsible for any act or failure to act on the part of any other Trustee hereunder; and upon the execution and delivery of such supplemental indenture the resignation or removal of the retiring Trustee shall become effective to the extent provided therein, such retiring Trustee shall with respect to the Securities of that or those series to which the appointment of such successor trustee relates have no further responsibility for the exercise of rights and powers or for the performance of the duties and obligations vested in the Trustee under this Indenture, and each such successor trustee, without any further act, deed or conveyance, shall become vested with all the rights, powers, trusts and duties of the retiring Trustee with respect to the Securities of that or those series to which the appointment of such successor trustee relates; but, on request of the Company or any successor trustee, such retiring Trustee shall duly assign, transfer and deliver to such successor trustee, to the extent contemplated by such supplemental indenture, the property and money held by such retiring Trustee hereunder with respect to the Securities of that or those series to which the appointment of such successor trustee relates.

(c) Upon request of any such successor trustee, the Company shall execute any and all instruments for more fully and certainly vesting in and confirming to such successor trustee all such rights, powers and trusts referred to in paragraph (a) or (b) of this Section, as the case may be.

(d) No successor trustee shall accept its appointment unless at the time of such acceptance such successor trustee shall be qualified and eligible under this Article.

(e) Upon acceptance of appointment by a successor trustee as provided in this Section, the Company shall transmit notice of the succession of such trustee hereunder by mail, first class postage prepaid, to the Securityholders, as their names and addresses appear upon the Security Register. If the Company fails to transmit such notice within ten days after acceptance of appointment by the successor trustee, the successor trustee shall cause such notice to be transmitted at the expense of the Company.

SECTION 7.12 Merger, Conversion, Consolidation or Succession to Business.  
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Any corporation into which the Trustee may be merged or converted or with which it may be consolidated, or any corporation resulting from any merger, conversion or consolidation to which the Trustee shall be a party, or any corporation succeeding to the corporate trust business of the Trustee, shall be the successor of the Trustee hereunder, provided that such corporation shall be qualified under the provisions of Section 7.08 and eligible under the provisions of Section 7.09, without the execution or filing of any paper or any further act on the part of any of the parties hereto, anything herein to the contrary notwithstanding. In case any Securities shall have been authenticated, but not delivered, by the Trustee then in office, any successor by merger, conversion or consolidation to such authenticating Trustee may adopt such authentication and deliver the Securities so authenticated with the same effect as if such successor Trustee had itself authenticated such Securities.

SECTION 7.13 Preferential Collection of Claims Against the Company.  
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The Trustee shall comply with Section 311(a) of the Trust Indenture Act, excluding any creditor relationship described in Section 311(b) of the Trust Indenture Act. A Trustee who has resigned or been removed shall be subject to Section 311(a) of the Trust Indenture Act to the extent included therein.

ARTICLE 8  
CONCERNING THE SECURITYHOLDERS

SECTION 8.01 Evidence of Action by Securityholders.  
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Whenever in this Indenture it is provided that the holders of a majority or specified percentage in aggregate principal amount of the Securities of a particular series may take any action (including the making of any demand or request, the giving of any notice, consent or waiver or the taking of any other action), the fact that at the time of taking any such action the holders of such majority or specified percentage of that series have joined therein may be evidenced by any instrument or any number of instruments of similar tenor executed by such holders of Securities of that series in Person or by agent or proxy appointed in writing.

If the Company shall solicit from the Securityholders of any series any request, demand, authorization, direction, notice, consent, waiver or other action, the Company may, at its option, as evidenced by an Officers' Certificate, fix in advance a record date for such series for the determination of Securityholders entitled to give such request, demand, authorization, direction, notice, consent, waiver or other action, but the Company shall have no obligation to do so. If such a record date is fixed, such request, demand, authorization, direction, notice, consent, waiver or other action may be given before or after the record date, but only the Securityholders of record at the close of business on the record date shall be deemed to be Securityholders for the purposes of determining whether Securityholders of the requisite proportion of Outstanding Securities of that series have authorized or agreed or consented to such request, demand, authorization, direction, notice, consent, waiver or other action, and for that purpose the Outstanding Securities of that series shall be computed as of the record date; provided, however, that no such authorization, agreement or consent by such Securityholders on the record date shall

be deemed effective unless it shall become effective pursuant to the provisions of this Indenture not later than six months after the record date.

SECTION 8.02 Proof of Execution by Securityholders.  
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Subject to the provisions of Section 7.01, proof of the execution of any instrument by a Securityholder (such proof will not require notarization) or his agent or proxy and proof of the holding by any Person of any of the Securities shall be sufficient if made in the following manner:

(a) The fact and date of the execution by any such Person of any instrument may be proved in any reasonable manner acceptable to the Trustee.

(b) The ownership of Securities shall be proved by the Security Register of such Securities or by a certificate of the Security Registrar thereof.

(c) The Trustee may require such additional proof of any matter referred to in this Section as it shall deem necessary.

SECTION 8.03 Who May be Deemed Owners.  
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Prior to the due presentment for registration of transfer of any Security, the Company, the Trustee, any paying agent and any Security Registrar may deem and treat the Person in whose name such Security shall be registered upon the books of the Company as the absolute owner of such Security (whether or not such Security shall be overdue and notwithstanding any notice of ownership or writing thereon made by anyone other than the Security Registrar) for the purpose of receiving payment of or on account of the principal of, premium, if any, and (subject to Section 2.03) interest on such Security and for all other purposes; and neither the Company nor the Trustee nor any paying agent nor any Security Registrar shall be affected by any notice to the contrary.

SECTION 8.04 Certain Securities Owned by Company Disregarded.  
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In determining whether the holders of the requisite aggregate principal amount of Securities of a particular series have concurred in any direction, consent or waiver under this Indenture, the Securities of that series that are owned by the Company or any other obligor on the Securities of that series or by any Person directly or indirectly controlling or controlled by or under common control with the Company or any other obligor on the Securities of that series shall be disregarded and deemed not to be Outstanding for the purpose of any such determination, except that for the purpose of determining whether the Trustee shall be protected in relying on any such direction, consent or waiver, only Securities of such series that the Trustee actually knows are so owned shall be so disregarded. The Securities so owned that have been pledged in good faith may be regarded as Outstanding for the purposes of this Section, if the pledgee shall establish to the satisfaction of the Trustee the pledgee's right so to act with respect to such Securities and that the pledgee is not a Person directly or indirectly controlling or controlled by or under direct or indirect common control with the Company or any such other obligor. In case of a dispute as to such right, any decision by the Trustee taken upon the advice of counsel shall be full protection to the Trustee.



SECTION 8.05      Actions Binding on Future Securityholders.  
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At any time prior to (but not after) the evidencing to the Trustee, as provided in Section 8.01, of the taking of any action by the holders of the majority or percentage in aggregate principal amount of the Securities of a particular series specified in this Indenture in connection with such action, any holder of a Security of that series that is shown by the evidence to be included in the Securities the holders of which have consented to such action may, by filing written notice with the Trustee, and upon proof of holding as provided in Section 8.02, revoke such action so far as concerns such Security. Except as aforesaid any such action taken by the holder of any Security shall be conclusive and binding upon such holder and upon all future holders and owners of such Security, and of any Security issued in exchange therefor, on registration of transfer thereof or in place thereof, irrespective of whether or not any notation in regard thereto is made upon such Security. Any action taken by the holders of the majority or percentage in aggregate principal amount of the Securities of a particular series specified in this Indenture in connection with such action shall be conclusively binding upon the Company, the Trustee and the holders of all the Securities of that series.

ARTICLE 9  
SUPPLEMENTAL INDENTURES

SECTION 9.01      Supplemental Indentures Without the Consent of Securityholders.  
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In addition to any supplemental indenture otherwise authorized by this Indenture, the Company and the Trustee may from time to time and at any time enter into an indenture or indentures supplemental hereto (which shall conform to the provisions of the Trust Indenture Act as then in effect), without the consent of the Securityholders, for one or more of the following purposes:

- (a) to cure any ambiguity, defect, or inconsistency herein, in the Securities of any series;
- (b) to comply with Article Ten;
- (c) to provide for uncertificated Securities in addition to or in place of certificated Securities;
- (d) to add to the covenants of the Company for the benefit of the holders of all or any Series of Securities (and if such covenants are to be for the benefit of less than all series of Securities, stating that such covenants are expressly being included solely for the benefit of such series) or to surrender any right or power herein conferred upon the Company;
- (e) to add to, delete from, or revise the conditions, limitations, and restrictions on the authorized amount, terms, or purposes of issue, authentication, and delivery of Securities, as herein set forth;
- (f) to make any change that does not adversely affect the rights of any Securityholder in any material respect; or

(g) to provide for the issuance of and establish the form and terms and conditions of the Securities of any series as provided in Section 2.01, to establish the form of any certifications required to be furnished pursuant to the terms of this Indenture or any series of Securities, or to add to the rights of the holders of any series of Securities.

The Trustee is hereby authorized to join with the Company in the execution of any such supplemental indenture, and to make any further appropriate agreements and stipulations that may be therein contained, but the Trustee shall not be obligated to enter into any such supplemental indenture that affects the Trustee's own rights, duties or immunities under this Indenture or otherwise.

Any supplemental indenture authorized by the provisions of this Section may be executed by the Company and the Trustee without the consent of the holders of any of the Securities at the time Outstanding, notwithstanding any of the provisions of Section 9.02.

SECTION 9.02 Supplemental Indentures With Consent of Securityholders.  
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With the consent (evidenced as provided in Section 8.01) of the holders of not less than a majority in aggregate principal amount of the Securities of each series affected by such supplemental indenture or indentures at the time Outstanding, the Company, when authorized by Board Resolutions, and the Trustee may from time to time and at any time enter into an indenture or indentures supplemental hereto (which shall conform to the provisions of the Trust Indenture Act as then in effect) for the purpose of adding any provisions to or changing in any manner or eliminating any of the provisions of this Indenture or of any supplemental indenture or of modifying in any manner not covered by Section 9.01 the rights of the holders of the Securities of such series under this Indenture; provided, however, that no such supplemental indenture shall, without the consent of the holders of each Security then Outstanding and affected thereby, (i) extend the fixed maturity of any Securities of any series, or reduce the principal amount thereof, or reduce the rate or extend the time of payment of interest thereon, or reduce any premium payable upon the redemption thereof; (ii) change any obligation to pay additional amounts; (iii) reduce the amount of principal of an original issue discount security or any other Security payable upon acceleration of the maturity thereof; (iv) change currency in which any Security or any premium or interest is payable; (v) impair the right to enforce any payment on or with respect to any Security; (vi) adversely change the right to convert or exchange, including decreasing the conversion rate or increasing the conversion price of, such Security (if applicable); (vii) if the Securities are secured, change the terms and conditions pursuant to which the Securities are secured in a manner adverse to the holders of the Securities; (viii) reduce the percentage in principal amount of outstanding Securities of any series, the consent of whose holders is required for modification or amendment of the indenture or for waiver of compliance with certain provisions of the indenture or for waiver of certain defaults; (ix) reduce the requirements contained in the indenture for quorum or voting; (x) change any obligations of the Company to maintain an office or agency in the places and for the purposes required by the indentures; or (xi) modify any of the above provisions.

It shall not be necessary for the consent of the Securityholders of any series affected thereby under this Section to approve the particular form of any proposed supplemental indenture, but it shall be sufficient if such consent shall approve the substance thereof.

SECTION 9.03      Effect of Supplemental Indentures.  
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Upon the execution of any supplemental indenture pursuant to the provisions of this Article or of Section 10.01, this Indenture shall, with respect to such series, be and be deemed to be modified and amended in accordance therewith and the respective rights, limitations of rights, obligations, duties and immunities under this Indenture of the Trustee, the Company and the holders of Securities of the series affected thereby shall thereafter be determined, exercised and enforced hereunder subject in all respects to such modifications and amendments, and all the terms and conditions of any such supplemental indenture shall be and be deemed to be part of the terms and conditions of this Indenture for any and all purposes.

SECTION 9.04      Securities Affected by Supplemental Indentures.  
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Securities of any series, affected by a supplemental indenture, authenticated and delivered after the execution of such supplemental indenture pursuant to the provisions of this Article or of Section 10.01, may bear a notation in form approved by the Company, provided such form meets the requirements of any exchange upon which such series may be listed, as to any matter provided for in such supplemental indenture. If the Company shall so determine, new Securities of that series so modified as to conform, in the opinion of the Board of Directors of the Company, to any modification of this Indenture contained in any such supplemental indenture may be prepared by the Company, authenticated by the Trustee and delivered in exchange for the Securities of that series then Outstanding.

SECTION 9.05      Execution of Supplemental Indentures.  
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Upon the request of the Company, accompanied by its Board Resolutions authorizing the execution of any such supplemental indenture, and upon the filing with the Trustee of evidence of the consent of Securityholders required to consent thereto as aforesaid, the Trustee shall join with the Company in the execution of such supplemental indenture unless such supplemental indenture affects the Trustee's own rights, duties or immunities under this Indenture or otherwise, in which case the Trustee may in its discretion but shall not be obligated to enter into such supplemental indenture. The Trustee, subject to the provisions of Section 7.01, may receive an Opinion of Counsel as conclusive evidence that any supplemental indenture executed pursuant to this Article is authorized or permitted by, and conforms to, the terms of this Article and that it is proper for the Trustee under the provisions of this Article to join in the execution thereof; provided, however, that such Opinion of Counsel need not be provided in connection with the execution of a supplemental indenture that establishes the terms of a series of Securities pursuant to Section 2.01 hereof.

Promptly after the execution by the Company and the Trustee of any supplemental indenture pursuant to the provisions of this Section, the Trustee shall transmit by mail, first class postage prepaid, a notice, setting forth in general terms the substance of such supplemental indenture, to the Securityholders of all series affected thereby as their names and addresses appear upon the Security Register. Any failure of the Trustee to mail such notice, or any defect therein, shall not, however, in any way impair or affect the validity of any such supplemental indenture.

ARTICLE 10  
SUCCESSOR CORPORATION

SECTION 10.01 Company May Consolidate, Etc.  
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Nothing contained in this Indenture or in any of the Securities shall prevent any consolidation or merger of the Company with or into any other corporation or corporations (whether or not affiliated with the Company) or successive consolidations or mergers in which the Company or its successor or successors shall be a party or parties, or shall prevent any sale, conveyance, transfer or other disposition of the property of the Company or its successor or successors as an entirety, or substantially as an entirety, to any other corporation (whether or not affiliated with the Company or its successor or successors) authorized to acquire and operate the same; provided, however, the Company hereby covenants and agrees that, upon any such consolidation, merger, sale, conveyance, transfer or other disposition, the due and punctual payment of the principal of (premium, if any) and interest on all of the Securities of all series in accordance with the terms of each series, according to their tenor and the due and punctual performance and observance of all the covenants and conditions of this Indenture with respect to each series or established with respect to such series pursuant to Section 2.01 to be kept or performed by the Company shall be expressly assumed, by supplemental indenture (which shall conform to the provisions of the Trust Indenture Act, as then in effect) satisfactory in form to the Trustee executed and delivered to the Trustee by the entity formed by such consolidation, or into which the Company shall have been merged, or by the entity which shall have acquired such property.

SECTION 10.02 Successor Corporation Substituted.  
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(a) In case of any such consolidation, merger, sale, conveyance, transfer or other disposition and upon the assumption by the successor corporation, by supplemental indenture, executed and delivered to the Trustee and satisfactory in form to the Trustee, of the due and punctual payment of the principal of, premium, if any, and interest on all of the Securities of all series Outstanding and the due and punctual performance of all of the covenants and conditions of this Indenture or established with respect to each series of the Securities pursuant to Section 2.01 to be performed by the Company with respect to each series, such successor corporation shall succeed to and be substituted for the Company with the same effect as if it had been named as the Company herein, and thereupon the predecessor corporation shall be relieved of all obligations and covenants under this Indenture and the Securities.

(b) In case of any such consolidation, merger, sale, conveyance, transfer or other disposition such changes in phraseology and form (but not in substance) may be made in the Securities thereafter to be issued as may be appropriate.

(c) Nothing contained in this Indenture or in any of the Securities shall prevent the Company from merging into itself or acquiring by purchase or otherwise all or any part of the property of any other Person (whether or not affiliated with the Company).

SECTION 10.03 Evidence of Consolidation, Etc. to Trustee.  
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The Trustee, subject to the provisions of Section 7.01, may receive an Opinion of Counsel as conclusive evidence that any such consolidation, merger, sale, conveyance, transfer or other disposition, and any such assumption, comply with the provisions of this Article.

ARTICLE 11  
SATISFACTION AND DISCHARGE

SECTION 11.01 Satisfaction and Discharge of Indenture.  
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If at any time:

(a) the Company shall have delivered to the Trustee for cancellation all Securities of a series theretofore authenticated (other than any Securities that shall have been destroyed, lost or stolen and that shall have been replaced or paid as provided in Section 2.07) and Securities for whose payment money or Governmental Obligations have theretofore been deposited in trust or segregated and held in trust by the Company (and thereupon repaid to the Company or discharged from such trust, as provided in Section 11.05); or

(b) all such Securities of a particular series not theretofore delivered to the Trustee for cancellation shall have become due and payable, or are by their terms to become due and payable within one year or are to be called for redemption within one year under arrangements satisfactory to the Trustee for the giving of notice of redemption, and the Company shall deposit or cause to be deposited with the Trustee as trust funds the entire amount in moneys or Governmental Obligations sufficient or a combination thereof, sufficient in the opinion of a nationally recognized firm of independent public accountants expressed in a written certification thereof delivered to the Trustee, to pay at maturity or upon redemption all Securities of that series not theretofore delivered to the Trustee for cancellation, including principal (and premium, if any) and interest due or to become due to such date of maturity or date fixed for redemption, as the case may be, and if the Company shall also pay or cause to be paid all other sums payable hereunder with respect to such series by the Company then this Indenture shall thereupon cease to be of further effect with respect to such series except for the provisions of Sections 2.03, 2.05, 2.07, 4.01, 4.02, 4.03 and 7.10, that shall survive until the date of maturity or redemption date, as the case may be, and Sections 7.06 and 11.05, that shall survive to such date and thereafter, and the Trustee, on demand of the Company and at the cost and expense of the Company shall execute proper instruments acknowledging satisfaction of and discharging this Indenture with respect to such series.

SECTION 11.02 Discharge of Obligations.  
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If at any time all such Securities of a particular series not heretofore delivered to the Trustee for cancellation or that have not become due and payable as described in Section 11.01 shall have been paid by the Company by depositing irrevocably with the Trustee as trust funds moneys or an amount of Governmental Obligations sufficient to pay at maturity or upon redemption all such Securities of that series not theretofore delivered to the Trustee for cancellation, including principal (and premium, if any) and interest due or to become due to such date of maturity or date fixed for redemption, as the case may be, and if the Company shall also

pay or cause to be paid all other sums payable hereunder by the Company with respect to such series, then after the date such moneys or Governmental Obligations, as the case may be, are deposited with the Trustee the obligations of the Company under this Indenture with respect to such series shall cease to be of further effect except for the provisions of Sections 2.03, 2.05, 2.07, 4.01, 4.02, 4.03, 7.06, 7.10 and 11.05 hereof that shall survive until such Securities shall mature and be paid. Thereafter, Sections 7.06 and 11.05 shall survive.

SECTION 11.03 Deposited Moneys to be Held in Trust.  
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All moneys or Governmental Obligations deposited with the Trustee pursuant to Sections 11.01 or 11.02 shall be held in trust and shall be available for payment as due, either directly or through any paying agent (including the Company acting as its own paying agent), to the holders of the particular series of Securities for the payment or redemption of which such moneys or Governmental Obligations have been deposited with the Trustee.

SECTION 11.04 Payment of Moneys Held by Paying Agents.  
-----

In connection with the satisfaction and discharge of this Indenture all moneys or Governmental Obligations then held by any paying agent under the provisions of this Indenture shall, upon demand of the Company, be paid to the Trustee and thereupon such paying agent shall be released from all further liability with respect to such moneys or Governmental Obligations.

SECTION 11.05 Repayment to Company.  
-----

Any moneys or Governmental Obligations deposited with any paying agent or the Trustee, or then held by the Company, in trust for payment of principal of or premium or interest on the Securities of a particular series that are not applied but remain unclaimed by the holders of such Securities for at least two years after the date upon which the principal of (and premium, if any) or interest on such Securities shall have respectively become due and payable, shall be repaid to the Company on May 31 of each year or (if then held by the Company) shall be discharged from such trust; and thereupon the paying agent and the Trustee shall be released from all further liability with respect to such moneys or Governmental Obligations, and the holder of any of the Securities entitled to receive such payment shall thereafter, as an unsecured general creditor, look only to the Company for the payment thereof.

ARTICLE 12  
IMMUNITY OF INCORPORATORS, STOCKHOLDERS,  
OFFICERS AND DIRECTORS

SECTION 12.01 No Recourse.  
-----

No recourse under or upon any obligation, covenant or agreement of this Indenture, or of any Security, or for any claim based thereon or otherwise in respect thereof, shall be had against any incorporator, stockholder, officer or director, past, present or future as such, of the Company or of any predecessor or successor corporation, either directly or through the Company or any such predecessor or successor corporation, whether by virtue of any constitution, statute or rule of law, or by the enforcement of any assessment or penalty or otherwise; it being expressly

understood that this Indenture and the obligations issued hereunder are solely corporate obligations, and that no such personal liability whatever shall attach to, or is or shall be incurred by, the incorporators, stockholders, officers or directors as such, of the Company or of any predecessor or successor corporation, or any of them, because of the creation of the indebtedness hereby authorized, or under or by reason of the obligations, covenants or agreements contained in this Indenture or in any of the Securities or implied therefrom; and that any and all such personal liability of every name and nature, either at common law or in equity or by constitution or statute, of, and any and all such rights and claims against, every such incorporator, stockholder, officer or director as such, because of the creation of the indebtedness hereby authorized, or under or by reason of the obligations, covenants or agreements contained in this Indenture or in any of the Securities or implied therefrom, are hereby expressly waived and released as a condition of, and as a consideration for, the execution of this Indenture and the issuance of such Securities.

ARTICLE 13  
MISCELLANEOUS PROVISIONS

SECTION 13.01 Effect on Successors and Assigns.  
-----

All the covenants, stipulations, promises and agreements in this Indenture contained by or on behalf of the Company shall bind their respective successors and assigns, whether so expressed or not.

SECTION 13.02 Actions by Successor.  
-----

Any act or proceeding by any provision of this Indenture authorized or required to be done or performed by any board, committee or officer of the Company shall and may be done and performed with like force and effect by the corresponding board, committee or officer of any corporation that shall at the time be the lawful sole successor of the Company.

SECTION 13.03 Surrender of Company Powers.  
-----

The Company by instrument in writing executed by authority of 2/3 (two-thirds) of its Board of Directors and delivered to the Trustee may surrender any of the powers reserved to the Company, and thereupon such power so surrendered shall terminate both as to the Company and as to any successor corporation.

SECTION 13.04 Notices.  
-----

Except as otherwise expressly provided herein any notice or demand that by any provision of this Indenture is required or permitted to be given or served by the Trustee or by the holders of Securities to or on the Company may be given or served by being deposited first class postage prepaid in a post-office letterbox addressed (until another address is filed in writing by the Company with the Trustee), as follows: Impac Mortgage Holdings, Inc., 1401 Dove Street, Newport Beach, CA 92660. Any notice, election, request or demand by the Company or any Securityholder to or upon the Trustee shall be deemed to have been sufficiently given or made, for all purposes, if given or made in writing at the Corporate Trust Office of the Trustee.

SECTION 13.05      Governing Law.  
-----

This Indenture and each Security shall be deemed to be a contract made under the internal laws of the State of New York, and for all purposes shall be construed in accordance with the laws of said State.

SECTION 13.06      Treatment of Securities as Debt.  
-----

It is intended that the Securities will be treated as indebtedness and not as equity for federal income tax purposes. The provisions of this Indenture shall be interpreted to further this intention.

SECTION 13.07      Compliance Certificates and Opinions.  
-----

(a) Upon any application or demand by the Company to the Trustee to take any action under any of the provisions of this Indenture, the Company, shall furnish to the Trustee an Officers' Certificate stating that all conditions precedent provided for in this Indenture relating to the proposed action have been complied with and an Opinion of Counsel stating that in the opinion of such counsel all such conditions precedent have been complied with, except that in the case of any such application or demand as to which the furnishing of such documents is specifically required by any provision of this Indenture relating to such particular application or demand, no additional certificate or opinion need be furnished.

(b) Each certificate or opinion provided for in this Indenture and delivered to the Trustee with respect to compliance with a condition or covenant in this Indenture shall include (1) a statement that the Person making such certificate or opinion has read such covenant or condition; (2) a brief statement as to the nature and scope of the examination or investigation upon which the statements or opinions contained in such certificate or opinion are based; (3) a statement that, in the opinion of such Person, he has made such examination or investigation as is necessary to enable him to express an informed opinion as to whether or not such covenant or condition has been complied with; and (4) a statement as to whether or not, in the opinion of such Person, such condition or covenant has been complied with.

SECTION 13.08      Payments on Business Days.  
-----

Except as provided pursuant to Section 2.01 pursuant to a Board Resolution, and as set forth in an Officers' Certificate, or established in one or more indentures supplemental to this Indenture, in any case where the date of maturity of interest or principal of any Security or the date of redemption of any Security shall not be a Business Day, then payment of interest or principal (and premium, if any) may be made on the next succeeding Business Day with the same force and effect as if made on the nominal date of maturity or redemption, and no interest shall accrue for the period after such nominal date.

SECTION 13.09      Conflict with Trust Indenture Act.  
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If and to the extent that any provision of this Indenture limits, qualifies or conflicts with the duties imposed by Sections 310 to 317, inclusive, of the Trust Indenture Act, such imposed duties shall control.



SECTION 13.10 Counterparts.  
-----

This Indenture may be executed in any number of counterparts, each of which shall be an original, but such counterparts shall together constitute but one and the same instrument.

SECTION 13.11 Separability.  
-----

In case any one or more of the provisions contained in this Indenture or in the Securities of any series shall for any reason be held to be invalid, illegal or unenforceable in any respect, such invalidity, illegality or unenforceability shall not affect any other provisions of this Indenture or of such Securities, but this Indenture and such Securities shall be construed as if such invalid or illegal or unenforceable provision had never been contained herein or therein.

SECTION 13.12 Assignment.  
-----

The Company will have the right at all times to assign any of its rights or obligations under this Indenture to a direct or indirect wholly-owned Subsidiary of the Company, provided that, in the event of any such assignment, the Company, will remain liable for all such obligations. Subject to the foregoing, the Indenture is binding upon and inures to the benefit of the parties thereto and their respective successors and assigns. This Indenture may not otherwise be assigned by the parties thereto.

IN WITNESS WHEREOF, the parties hereto have caused this Indenture to be duly executed all as of the day and year first above written.

IMPAC MORTGAGE HOLDINGS, INC.

By: \_\_\_\_\_

Name:

Title:

[ \_\_\_\_\_ ], as Trustee

By: \_\_\_\_\_

Name:

Title:

IMPAC MORTGAGE HOLDINGS, INC.,  
Issuer

AND

[ ],  
Trustee

--

INDENTURE

Dated as of [ ]

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INDENTURE, dated as of [ ] among Impac Mortgage Holdings, Inc., a Maryland corporation (the "Company"), and[ ], as trustee (the "Trustee"):

WHEREAS, for its lawful corporate purposes, the Company has duly authorized the execution and delivery of this Indenture to provide for the issuance of unsecured subordinated debt securities (hereinafter referred to as the "Securities"), in an unlimited aggregate principal amount to be issued from time to time in one or more series as in this Indenture provided, as registered Securities without coupons, to be authenticated by the certificate of the Trustee;

WHEREAS, to provide the terms and conditions upon which the Securities are to be authenticated, issued and delivered, the Company has duly authorized the execution of this Indenture; and

WHEREAS, all things necessary to make this Indenture a valid agreement of the Company, in accordance with its terms, have been done.

NOW, THEREFORE, in consideration of the premises and the purchase of the Securities by the holders thereof, it is mutually covenanted and agreed as follows for the equal and ratable benefit of the holders of Securities:

ARTICLE 1  
DEFINITIONS

SECTION 1.01      Definitions of Terms.  
-----

The terms defined in this Section (except as in this Indenture otherwise expressly provided or unless the context otherwise requires) for all purposes of this Indenture and of any indenture supplemental hereto shall have the respective meanings specified in this Section and shall include the plural as well as the singular. All other terms used in this Indenture that are defined in the Trust Indenture Act of 1939, as amended, or that are by reference in such Act defined in the Securities Act of 1933, as amended (except as herein otherwise expressly provided or unless the context otherwise requires), shall have the meanings assigned to such terms in said Trust Indenture Act and in said Securities Act as in force at the date of the execution of this instrument.

"Affiliate" means, with respect to a specified Person, (a) any Person directly or indirectly owning, controlling or holding with power to vote 10% or more of the outstanding voting securities or other ownership interests of the specified Person, (b) any Person 10% or more of whose outstanding voting securities or other ownership interests are directly or indirectly owned, controlled or held with power to vote by the specified Person, (c) any Person directly or indirectly controlling, controlled by, or under common control with the specified Person, (d) a partnership in which the specified Person is a general partner, (e) any officer or director of the specified Person, and (f) if the specified Person is an individual, any entity of which the specified Person is an officer, director or general partner.

"Authenticating Agent" means an authenticating agent with respect to all or any of the series of Securities appointed with respect to all or any series of the Securities by the Trustee pursuant to Section 2.10.

"Bankruptcy Law" means Title 11, U.S. Code, or any similar federal or state law for the relief of debtors.

"Board of Directors" means the Board of Directors of the Company or any duly authorized committee of such Board.

"Board Resolution" means a copy of a resolution certified by the Secretary or an Assistant Secretary of the Company to have been duly adopted by the Board of Directors and to be in full force and effect on the date of such certification.

"Business Day" means, with respect to any series of Securities, any day other than a day on which Federal or State banking institutions in the Borough of Manhattan, The City of New York, are authorized or obligated by law, executive order or regulation to close.

"Certificate" means a certificate signed by the principal executive officer, the principal financial officer, the Treasurer or the principal accounting officer of the Company. The Certificate need not comply with the provisions of Section 13.07.

"Company" means Impac Mortgage Holdings, Inc., a corporation duly organized and existing under the laws of the State of Maryland, and, subject to the provisions of Article Ten, shall also include its successors and assigns.

"Corporate Trust Office" means the office of the Trustee at which, at any particular time, its corporate trust business shall be principally administered, which office at the date hereof is located at [ ], except that whenever a provision herein refers to an office or agency of the Trustee in the Borough of Manhattan, The City of New York, such office is located, at the date hereof, at[ ].

"Custodian" means any receiver, trustee, assignee, liquidator, or similar official under any Bankruptcy Law.

"Default" means any event, act or condition that with notice or lapse of time, or both, would constitute an Event of Default.

"Depository" means, with respect to Securities of any series, for which the Company shall determine that such Securities will be issued as a Global Security, The Depository Trust Company, New York, New York, another clearing agency, or any successor registered as a clearing agency under the Securities and Exchange Act of 1934, as amended (the "Exchange Act"), or other applicable statute or regulation, which, in each case, shall be designated by the Company pursuant to either Section 2.01 or 2.11.

"Event of Default" means, with respect to Securities of a particular series any event specified in Section 6.01, continued for the period of time, if any, therein designated.

"Global Security" means, with respect to any series of Securities, a Security executed by the Company and delivered by the Trustee to the Depository or pursuant to the Depository's instruction, all in accordance with the Indenture, which shall be registered in the name of the Depository or its nominee.



"Governmental Obligations" means securities that are (i) direct obligations of the United States of America for the payment of which its full faith and credit is pledged or (ii) obligations of a Person controlled or supervised by and acting as an agency or instrumentality of the United States of America, the payment of which is unconditionally guaranteed as a full faith and credit obligation by the United States of America that, in either case, are not callable or redeemable at the option of the issuer thereof, and shall also include a depositary receipt issued by a bank (as defined in Section 3(a)(2) of the Securities Act of 1933, as amended) as custodian with respect to any such Governmental Obligation or a specific payment of principal of or interest on any such Governmental Obligation held by such custodian for the account of the holder of such depositary receipt; provided, however, that (except as required by law) such custodian is not authorized to make any deduction from the amount payable to the holder of such depositary receipt from any amount received by the custodian in respect of the Governmental Obligation or the specific payment of principal of or interest on the Governmental Obligation evidenced by such depositary receipt.

"herein", "hereof" and "hereunder", and other words of similar import, refer to this Indenture as a whole and not to any particular Article, Section or other subdivision.

"Indenture" means this instrument as originally executed or as it may from time to time be supplemented or amended by one or more indentures supplemental hereto entered into in accordance with the terms hereof.

"Interest Payment Date", when used with respect to any installment of interest on a Security of a particular series, means the date specified in such Security or in a Board Resolution or in an indenture supplemental hereto with respect to such series as the fixed date on which an installment of interest with respect to Securities of that series is due and payable.

"Officers' Certificate" means a certificate signed by the Chairman, President or a Vice President and by the Treasurer or an Assistant Treasurer or the Controller or an Assistant Controller or the Secretary or an Assistant Secretary of the Company that is delivered to the Trustee in accordance with the terms hereof. Each such certificate shall include the statements provided for in Section 13.07, if and to the extent required by the provisions thereof.

"Opinion of Counsel" means an opinion in writing of legal counsel, who may be an employee of or counsel for the Company that is delivered to the Trustee in accordance with the terms hereof. Each such opinion shall include the statements provided for in Section 13.07, if and to the extent required by the provisions thereof.

"Outstanding", when used with reference to Securities of any series, means, subject to the provisions of Section 8.04, as of any particular time, all Securities of that series theretofore authenticated and delivered by the Trustee under this Indenture, except (a) Securities theretofore canceled by the Trustee or any paying agent, or delivered to the Trustee or any paying agent for cancellation or that have previously been canceled; (b) Securities or portions thereof for the payment or redemption of which moneys or Governmental Obligations in the necessary amount shall have been deposited in trust with the Trustee or with any paying agent (other than the Company) or shall have been set aside and segregated in trust by the Company (if the Company shall act as its own paying agent); provided, however, that if such Securities or

portions of such Securities are to be redeemed prior to the maturity thereof, notice of such redemption shall have been given as in Article Three provided, or provision satisfactory to the Trustee shall have been made for giving such notice; and (c) Securities in lieu of or in substitution for which other Securities shall have been authenticated and delivered pursuant to the terms of Section 2.07.

"Person" means any individual, corporation, partnership, joint-venture, joint-stock company, unincorporated organization or government or any agency or political subdivision thereof.

"Predecessor Security" of any particular Security means every previous Security evidencing all or a portion of the same debt as that evidenced by such particular Security; and, for the purposes of this definition, any Security authenticated and delivered under Section 2.07 in lieu of a lost, destroyed or stolen Security shall be deemed to evidence the same debt as the lost, destroyed or stolen Security.

"Responsible Officer" when used with respect to the Trustee means the Chairman of the Board of Directors, the Chairman, any Vice President, the Secretary, the Treasurer, any trust officer, any corporate trust officer or any other officer or assistant officer of the Trustee customarily performing functions similar to those performed by the Persons who at the time shall be such officers, respectively, or to whom any corporate trust matter is referred because of his or her knowledge of and familiarity with the particular subject.

"Securities" means the debt Securities authenticated and delivered under this Indenture.

"Securityholder", "holder of Securities", "registered holder", or other similar term, means the Person or Persons in whose name or names a particular Security shall be registered on the books of the Company kept for that purpose in accordance with the terms of this Indenture.

"Subsidiary" means, with respect to any Person, (i) any corporation at least a majority of whose outstanding Voting Stock shall at the time be owned, directly or indirectly, by such Person or by one or more of its Subsidiaries or by such Person and one or more of its Subsidiaries, (ii) any general partnership, joint venture or similar entity, at least a majority of whose outstanding partnership or similar interests shall at the time be owned by such Person, or by one or more of its Subsidiaries, or by such Person and one or more of its Subsidiaries and (iii) any limited partnership of which such Person or any of its Subsidiaries is a general partner.

"Trustee" means [ ], and, subject to the provisions of Article Seven, shall also include its successors and assigns, and, if at any time there is more than one Person acting in such capacity hereunder, "Trustee" shall mean each such Person. The term "Trustee" as used with respect to a particular series of the Securities shall mean the trustee with respect to that series.

"Trust Indenture Act" means the Trust Indenture Act of 1939, as amended, subject to the provisions of Sections 9.01, 9.02, and 10.01, as in effect at the date of execution of this instrument.

"Voting Stock", as applied to stock of any Person, means shares, interests, participations or other equivalents in the equity interest (however designated) in such Person having ordinary voting power for the election of a majority of the directors (or the equivalent) of such Person, other than shares, interests, participations or other equivalents having such power only by reason of the occurrence of a contingency.

ARTICLE 2  
ISSUE, DESCRIPTION, TERMS, EXECUTION,  
REGISTRATION AND EXCHANGE OF SECURITIES

SECTION 2.01      Designation and Terms of Securities.  
-----

(a) The aggregate principal amount of Securities that may be authenticated and delivered under this Indenture is unlimited. The Securities may be issued in one or more series up to the aggregate principal amount of Securities of that series from time to time authorized by or pursuant to a Board Resolution of the Company or pursuant to one or more indentures supplemental hereto. Prior to the initial issuance of Securities of any series, there shall be established in or pursuant to a Board Resolution of the Company, and set forth in an Officers' Certificate of the Company, or established in one or more indentures supplemental hereto:

(1) the title of the Security of the series (which shall distinguish the Securities of the series from all other Securities);

(2) any limit upon the aggregate principal amount of the Securities of that series that may be authenticated and delivered under this Indenture (except for Securities authenticated and delivered upon registration of transfer of, or in exchange for, or in lieu of, other Securities of that series);

(3) the date or dates on which the principal of the Securities of the series is payable;

(4) the rate or rates at which the Securities of the series shall bear interest or the manner of calculation of such rate or rates, if any;

(5) the date or dates from which such interest shall accrue, the Interest Payment Dates on which such interest will be payable or the manner of determination of such Interest Payment Dates and the record date for the determination of holders to whom interest is payable on any such Interest Payment Dates;

(6) the right, if any, to extend the interest payment periods and the duration of such extension;

(7) the period or periods within which, the price or prices at which and the terms and conditions upon which, Securities of the series may be redeemed, in whole or in part, at the option of the Company;

(8) the obligation, if any, of the Company to redeem or purchase Securities of the series pursuant to any sinking fund or analogous provisions (including payments made in

cash in participation of future sinking fund obligations) or at the option of a holder thereof and the period or periods within which, the price or prices at which, and the terms and conditions upon which, Securities of the series shall be redeemed or purchased, in whole or in part, pursuant to such obligation;

(9) the subordination terms of the Securities of the series;

(10) the form of the Securities of the series including the form of the Certificate of Authentication for such series;

(11) if other than denominations of one thousand U.S. dollars (\$1,000) or any integral multiple thereof, the denominations in which the Securities of the series shall be issuable;

(12) any and all other terms with respect to such series (which terms shall not be inconsistent with the terms of this Indenture) including any terms which may be required by or advisable under United States laws or regulations or advisable in connection with the marketing of Securities of that series;

(13) whether the Securities are issuable as a Global Security and, in such case, the identity for the Depositary for such series;

(14) if the amount of payments of principal of and any premium or interest on the Securities of the series may be determined with reference to an index, the manner in which such amounts shall be determined;

(15) whether the Securities will be convertible into shares of common stock or other securities of the Company and, if so, the terms and conditions upon which such Securities will be so convertible, including the conversion price and the conversion period;

(16) if other than the principal amount thereof, the portion of the principal amount of Securities of the series which shall be payable upon declaration of acceleration of the maturity thereof pursuant to Section 6.01;

(17) any additional or different Events of Default or restrictive covenants provided for with respect to the Securities of the series; and

(18) any provisions granting special rights to holders when a specified event occurs; and

(19) any special tax implications of the notes, including provisions for original issue discount securities, if offered.

All Securities of any one series shall be substantially identical except as to denomination and except as may otherwise be provided in or pursuant to any such Board Resolution or in any indentures supplemental hereto.

If any of the terms of the series are established by action taken pursuant to a Board Resolution of the Company, a copy of an appropriate record of such action shall be certified by the Secretary or an Assistant Secretary of the Company and delivered to the Trustee at or prior to the delivery of the Officers' Certificate of the Company setting forth the terms of the series.

Securities of any particular series may be issued at various times, with different dates on which the principal or any installment of principal is payable, with different rates of interest, if any, or different methods by which rates of interest may be determined, with different dates on which such interest may be payable and with different redemption dates. Unless otherwise provided, a series may be reopened for issuances of additional Securities of such series.

SECTION 2.02 Form of Securities and Trustee's Certificate.  
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The Securities of any series and the Trustee's certificate of authentication to be borne by such Securities shall be substantially of the tenor and purport as set forth in one or more indentures supplemental hereto or as provided in a Board Resolution of the Company and as set forth in an Officers' Certificate of the Company and may have such letters, numbers or other marks of identification or designation and such legends or endorsements printed, lithographed or engraved thereon as the Company may deem appropriate and as are not inconsistent with the provisions of this Indenture, or as may be required to comply with any law or with any rule or regulation made pursuant thereto or with any rule or regulation of any stock exchange on which Securities of that series may be listed, or to conform to usage.

SECTION 2.03 Denominations: Provisions for Payment.  
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The Securities shall be issuable as registered Securities and in the denominations of one thousand U.S. dollars (\$1,000) or any integral multiple thereof, subject to Section 2.01(11). The Securities of a particular series shall bear interest payable on the dates and at the rate specified with respect to that series. The principal of and the interest on the Securities of any series, as well as any premium thereon in case of redemption thereof prior to maturity, shall be payable in the coin or currency of the United States of America that at the time is legal tender for public and private debt, at the office or agency of the Company maintained for that purpose in the Borough of Manhattan, the City and State of New York. Each Security shall be dated the date of its authentication. Interest on the Securities shall be computed on the basis of a 360-day year composed of twelve 30-day months.

The interest installment on any Security that is payable, and is punctually paid or duly provided for, on any Interest Payment Date for Securities of that series shall be paid to the Person in whose name said Security (or one or more Predecessor Securities) is registered at the close of business on the regular record date for such interest installment. In the event that any Security of a particular series or portion thereof is called for redemption and the redemption date is subsequent to a regular record date with respect to any Interest Payment Date and prior to such Interest Payment Date, interest on such Security will be paid upon presentation and surrender of such Security as provided in Section 3.03.

Any interest on any Security that is payable, but is not punctually paid or duly provided for, on any Interest Payment Date for Securities of the same series (herein called "Defaulted

Interest") shall forthwith cease to be payable to the registered holder on the relevant regular record date by virtue of having been such holder; and such Defaulted Interest shall be paid by the Company, at its election, as provided in clause (1) or clause (2) below:

(1) The Company may make payment of any Defaulted Interest on Securities to the Persons in whose names such Securities (or their respective Predecessor Securities) are registered at the close of business on a special record date for the payment of such Defaulted Interest, which shall be fixed in the following manner: the Company shall notify the Trustee in writing of the amount of Defaulted Interest proposed to be paid on each such Security and the date of the proposed payment, and at the same time the Company shall deposit with the Trustee an amount of money equal to the aggregate amount proposed to be paid in respect of such Defaulted Interest or shall make arrangements satisfactory to the Trustee for such deposit prior to the date of the proposed payment, such money when deposited to be held in trust for the benefit of the Persons entitled to such Defaulted Interest as in this clause provided. Thereupon the Trustee shall fix a special record date for the payment of such Defaulted Interest which shall not be more than 15 nor less than 10 days prior to the date of the proposed payment and not less than 10 days after the receipt by the Trustee of the notice of the proposed payment. The Trustee shall promptly notify the Company of such special record date and, in the name and at the expense of the Company, shall cause notice of the proposed payment of such Defaulted Interest and the special record date therefor to be mailed, first class postage prepaid, to each Securityholder at his or her address as it appears in the Security Register (as hereinafter defined), not less than 10 days prior to such special record date. Notice of the proposed payment of such Defaulted Interest and the special record date therefor having been mailed as aforesaid, such Defaulted Interest shall be paid to the Persons in whose names such Securities (or their respective Predecessor Securities) are registered on such special record date and shall be no longer payable pursuant to the following clause (2).

(2) The Company may make payment of any Defaulted Interest on any Securities in any other lawful manner not inconsistent with the requirements of any securities exchange on which such Securities may be listed, and upon such notice as may be required by such exchange, if, after notice given by the Company to the Trustee of the proposed payment pursuant to this clause, such manner of payment shall be deemed practicable by the Trustee.

Unless otherwise set forth in a Board Resolution of the Company or one or more indentures supplemental hereto establishing the terms of any series of Securities pursuant to Section 2.01 hereof, the term "regular record date" as used in this Section with respect to a series of Securities with respect to any Interest Payment Date for such series shall mean either the fifteenth day of the month immediately preceding the month in which an Interest Payment Date established for such series pursuant to Section 2.01 hereof shall occur, if such Interest Payment Date is the first day of a month, or the last day of the month immediately preceding the month in which an Interest Payment Date established for such series pursuant to Section 2.01 hereof shall occur, if such Interest Payment Date is the fifteenth day of a month, whether or not such date is a Business Day.

Subject to the foregoing provisions of this Section, each Security of a series delivered under this Indenture upon transfer of or in exchange for or in lieu of any other Security of such

series shall carry the rights to interest accrued and unpaid, and to accrue, that were carried by such other Security.

SECTION 2.04 Execution and Authentications.  
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The Securities shall be signed on behalf of the Company by its Chairman, President or one of its Vice Presidents, together with its Treasurer, or one of its Assistant Treasurers, or its Secretary, or one of its Assistant Secretaries, under its corporate seal attested by its Secretary or one of its Assistant Secretaries. Signatures may be in the form of a manual or facsimile signature. The Company may use the facsimile signature of any Person who shall have been a Chairman, President or Vice President thereof, or of any Person who shall have been a Secretary or Assistant Secretary thereof, notwithstanding the fact that at the time the Securities shall be authenticated and delivered or disposed of such Person shall have ceased to be the Chairman, President or a Vice President, or the Secretary or an Assistant Secretary, of the Company. The seal of the Company may be in the form of a facsimile of such seal and may be impressed, affixed, imprinted or otherwise reproduced on the Securities. The Securities may contain such notations, legends or endorsements required by law, stock exchange rule or usage. Each Security shall be dated the date of its authentication by the Trustee.

A Security shall not be valid until authenticated manually by an authorized signatory of the Trustee, or by an Authenticating Agent. Such signature shall be conclusive evidence that the Security so authenticated has been duly authenticated and delivered hereunder and that the holder is entitled to the benefits of this Indenture.

At any time and from time to time after the execution and delivery of this Indenture, the Company may deliver Securities of any series executed by the Company to the Trustee for authentication, together with a written order of the Company for the authentication and delivery of such Securities, signed by its Chairman, President or any Vice President and its Secretary or any Assistant Secretary, and the Trustee in accordance with such written order shall authenticate and deliver such Securities.

In authenticating such Securities and accepting the additional responsibilities under this Indenture in relation to such Securities, the Trustee shall be entitled to receive, and (subject to Section 7.01) shall be fully protected in relying upon, an Opinion of Counsel stating that the form and terms thereof have been established in conformity with the provisions of this Indenture.

The Trustee shall not be required to authenticate such Securities if the issue of such Securities pursuant to this Indenture will affect the Trustee's own rights, duties or immunities under the Securities and this Indenture or otherwise in a manner that is not reasonably acceptable to the Trustee.

SECTION 2.05 Registration of Transfer and Exchange.  
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(a) Securities of any series may be exchanged upon presentation thereof at the office or agency of the Company designated for such purpose in the Borough of Manhattan, the City and State of New York, for other Securities of such series of authorized denominations, and for a like aggregate principal amount, upon payment of a sum sufficient to cover any tax or other governmental charge in relation thereto, all as provided in this Section. In respect of any

Securities so surrendered for exchange, the Company shall execute, the Trustee shall authenticate and such office or agency shall deliver in exchange therefor the Security or Securities of the same series that the Securityholder making the exchange shall be entitled to receive, bearing numbers not contemporaneously outstanding.

(b) The Company shall keep, or cause to be kept, at its office or agency designated for such purpose in the Borough of Manhattan, the City and State of New York, or such other location designated by the Company a register or registers (herein referred to as the "Security Register") in which, subject to such reasonable regulations as it may prescribe, the Company shall register the Securities and the transfers of Securities as in this Article provided and which at all reasonable times shall be open for inspection by the Trustee. The registrar for the purpose of registering Securities and transfer of Securities as herein provided shall be appointed as authorized by Board Resolution (the "Security Registrar").

Upon surrender for transfer of any Security at the office or agency of the Company designated for such purpose, the Company shall execute, the Trustee shall authenticate and such office or agency shall deliver in the name of the transferee or transferees a new Security or Securities of the same series as the Security presented for a like aggregate principal amount.

All Securities presented or surrendered for exchange or registration of transfer, as provided in this Section, shall be accompanied (if so required by the Company or the Security Registrar) by a written instrument or instruments of transfer, in form satisfactory to the Company or the Security Registrar, duly executed by the registered holder or by such holder's duly authorized attorney in writing.

(c) No service charge shall be made for any exchange or registration of transfer of Securities, or issue of new Securities in case of partial redemption of any series, but the Company may require payment of a sum sufficient to cover any tax or other governmental charge in relation thereto, other than exchanges pursuant to Section 2.06, the second paragraph of Section 3.03 and Section 9.04 not involving any transfer.

(d) The Company shall not be required (i) to issue, exchange or register the transfer of any Securities during a period beginning at the opening of business 15 days before the day of the mailing of a notice of redemption of less than all the Outstanding Securities of the same series and ending at the close of business on the day of such mailing, nor (ii) to register the transfer of or exchange any Securities of any series or portions thereof called for redemption. The provisions of this Section 2.05 are, with respect to any Global Security, subject to Section 2.11 hereof.

SECTION 2.06      Temporary Securities.  
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Pending the preparation of definitive Securities of any series, the Company may execute, and the Trustee shall authenticate and deliver, temporary Securities (printed, lithographed or typewritten) of any authorized denomination. Such temporary Securities shall be substantially in the form of the definitive Securities in lieu of which they are issued, but with such omissions, insertions and variations as may be appropriate for temporary Securities, all as may be determined by the Company. Every temporary Security of any series shall be executed by the



Company and be authenticated by the Trustee upon the same conditions and in substantially the same manner, and with like effect, as the definitive Securities of such series. Without unnecessary delay the Company will execute and will furnish definitive Securities of such series and thereupon any or all temporary Securities of such series may be surrendered in exchange therefor (without charge to the holders), at the office or agency of the Company designated for the purpose in the Borough of Manhattan, the City and State of New York, and the Trustee shall authenticate and such office or agency shall deliver in exchange for such temporary Securities an equal aggregate principal amount of definitive Securities of such series, unless the Company advises the Trustee to the effect that definitive Securities need not be executed and furnished until further notice from the Company. Until so exchanged, the temporary Securities of such series shall be entitled to the same benefits under this Indenture as definitive Securities of such series authenticated and delivered hereunder.

SECTION 2.07 Mutilated, Destroyed, Lost or Stolen Securities.  
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In case any temporary or definitive Security shall become mutilated or be destroyed, lost or stolen, the Company (subject to the next succeeding sentence) shall execute, and upon the Company's request the Trustee (subject as aforesaid) shall authenticate and deliver, a new Security of the same series, bearing a number not contemporaneously outstanding, in exchange and substitution for the mutilated Security, or in lieu of and in substitution for the Security so destroyed, lost or stolen. In every case the applicant for a substituted Security shall furnish to the Company and the Trustee such security or indemnity as may be required by them to save each of them harmless, and, in every case of destruction, loss or theft, the applicant shall also furnish to the Company and the Trustee evidence to their satisfaction of the destruction, loss or theft of the applicant's Security and of the ownership thereof. The Trustee may authenticate any such substituted Security and deliver the same upon the written request or authorization of any officer of the Company. Upon the issuance of any substituted Security, the Company may require the payment of a sum sufficient to cover any tax or other governmental charge that may be imposed in relation thereto and any other expenses (including the fees and expenses of the Trustee) connected therewith. In case any Security that has matured or is about to mature shall become mutilated or be destroyed, lost or stolen, the Company may, instead of issuing a substitute Security, pay or authorize the payment of the same (without surrender thereof except in the case of a mutilated Security) if the applicant for such payment shall furnish to the Company and the Trustee such security or indemnity as they may require to save them harmless, and, in case of destruction, loss or theft, evidence to the satisfaction of the Company and the Trustee of the destruction, loss or theft of such Security and of the ownership thereof.

Every replacement Security issued pursuant to the provisions of this Section shall constitute an additional contractual obligation of the Company whether or not the mutilated, destroyed, lost or stolen Security shall be found at any time, or be enforceable by anyone, and shall be entitled to all the benefits of this Indenture equally and proportionately with any and all other Securities of the same series duly issued hereunder. All Securities shall be held and owned upon the express condition that the foregoing provisions are exclusive with respect to the replacement or payment of mutilated, destroyed, lost or stolen Securities, and shall preclude (to the extent lawful) any and all other rights or remedies, notwithstanding any law or statute existing or hereafter enacted to the contrary with respect to the replacement or payment of negotiable instruments or other securities without their surrender.

SECTION 2.08        Cancellation.  
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All Securities surrendered for the purpose of payment, redemption, exchange or registration of transfer shall, if surrendered to the Company or any paying agent, be delivered to the Trustee for cancellation, or, if surrendered to the Trustee, shall be cancelled by it, and no Securities shall be issued in lieu thereof except as expressly required or permitted by any of the provisions of this Indenture. On request of the Company at the time of such surrender, the Trustee shall deliver to the Company canceled Securities held by the Trustee. In the absence of such request the Trustee may dispose of canceled Securities in accordance with its standard procedures and deliver a certificate of disposition to the Company. If the Company shall otherwise acquire any of the Securities, however, such acquisition shall not operate as a redemption or satisfaction of the indebtedness represented by such Securities unless and until the same are delivered to the Trustee for cancellation.

SECTION 2.09        Benefits of Indenture.  
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Nothing in this Indenture or in the Securities, express or implied, shall give or be construed to give to any Person, other than the parties hereto and the holders of the Securities (and, with respect to the provisions of Article Fourteen, the holders of Senior Indebtedness) any legal or equitable right, remedy or claim under or in respect of this Indenture, or under any covenant, condition or provision herein contained; all such covenants, conditions and provisions being for the sole benefit of the parties hereto and of the holders of the Securities (and, with respect to the provisions of Article Fourteen, the holders of Senior Indebtedness).

SECTION 2.10        Authenticating Agent.  
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So long as any of the Securities of any series remain Outstanding there may be an Authenticating Agent for any or all such series of Securities which the Trustee shall have the right to appoint. Said Authenticating Agent shall be authorized to act on behalf of the Trustee to authenticate Securities of such series issued upon exchange, transfer or partial redemption thereof, and Securities so authenticated shall be entitled to the benefits of this Indenture and shall be valid and obligatory for all purposes as if authenticated by the Trustee hereunder. All references in this Indenture to the authentication of Securities by the Trustee shall be deemed to include authentication by an Authenticating Agent for such series. Each Authenticating Agent shall be acceptable to the Company and shall be a corporation that has a combined capital and surplus, as most recently reported or determined by it, sufficient under the laws of any jurisdiction under which it is organized or in which it is doing business to conduct a trust business, and that is otherwise authorized under such laws to conduct such business and is subject to supervision or examination by Federal or State authorities. If at any time any Authenticating Agent shall cease to be eligible in accordance with these provisions, it shall resign immediately.

Any Authenticating Agent may at any time resign by giving written notice of resignation to the Trustee and to the Company. The Trustee may at any time (and upon request by the Company shall) terminate the agency of any Authenticating Agent by giving written notice of termination to such Authenticating Agent and to the Company. Upon resignation, termination or cessation of eligibility of any Authenticating Agent, the Trustee may appoint an eligible

successor Authenticating Agent acceptable to the Company. Any successor Authenticating Agent, upon acceptance of its appointment hereunder, shall become vested with all the rights, powers and duties of its predecessor hereunder as if originally named as an Authenticating Agent pursuant hereto.

SECTION 2.11      Global Securities.  
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(a) If the Company shall establish pursuant to Section 2.01 that the Securities of a particular series are to be issued as a Global Security, then the Company shall execute and the Trustee shall, in accordance with Section 2.04, authenticate and deliver, a Global Security that (i) shall represent, and shall be denominated in an amount equal to the aggregate principal amount of, all of the Outstanding Securities of such series, (ii) shall be registered in the name of the Depositary or its nominee, (iii) shall be delivered by the Trustee to the Depositary or pursuant to the Depositary's instruction and (iv) shall bear a legend substantially to the following effect: "Except as otherwise provided in Section 2.11 of the Indenture, this Security may be transferred, in whole but not in part, only to another nominee of the Depositary or to a successor Depositary or to a nominee of such successor Depositary."

(b) Notwithstanding the provisions of Section 2.05, the Global Security of a series may be transferred, in whole but not in part and in the manner provided in Section 2.05, only to another nominee of the Depositary for such series, or to a successor Depositary for such series selected or approved by the Company or to a nominee of such successor Depositary.

(c) If at any time the Depositary for a series of the Securities notifies the Company that it is unwilling or unable to continue as Depositary for such series or if at any time the Depositary for such series shall no longer be registered or in good standing under the Exchange Act, or other applicable statute or regulation, and a successor Depositary for such series is not appointed by the Company within 90 days after the Company receives such notice or becomes aware of such condition, as the case may be, this Section 2.11 shall no longer be applicable to the Securities of such series and the Company will execute, and subject to Section 2.05, the Trustee will authenticate and deliver the Securities of such series in definitive registered form without coupons, in authorized denominations, and in an aggregate principal amount equal to the principal amount of the Global Security of such series in exchange for such Global Security. In addition, the Company may at any time determine that the Securities of any series shall no longer be represented by a Global Security and that the provisions of this Section 2.11 shall no longer apply to the Securities of such series. In such event the Company will execute and subject to Section 2.05, the Trustee, upon receipt of an Officers' Certificate evidencing such determination by the Company, will authenticate and deliver the Securities of such series in definitive registered form without coupons, in authorized denominations, and in an aggregate principal amount equal to the principal amount of the Global Security of such series in exchange for such Global Security. Upon the exchange of the Global Security for such Securities in definitive registered form without coupons, in authorized denominations, the Global Security shall be canceled by the Trustee. Such Securities in definitive registered form issued in exchange for the Global Security pursuant to this Section 2.11(c) shall be registered in such names and in such authorized denominations as the Depositary, pursuant to instructions from its direct or indirect participants or otherwise, shall instruct the Trustee. The Trustee shall deliver such Securities to the Depositary for delivery to the Persons in whose names such Securities are so registered.

ARTICLE 3  
REDEMPTION OF SECURITIES AND SINKING FUND PROVISIONS

SECTION 3.01        Redemption.  
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The Company may redeem the Securities of any series issued hereunder on and after the dates and in accordance with the terms established for such series pursuant to Section 2.01 hereof.

SECTION 3.02        Notice of Redemption.  
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(a) In case the Company shall desire to exercise such right to redeem all or, as the case may be, a portion of the Securities of any series in accordance with the right reserved so to do, the Company shall, or shall cause the Trustee to, give notice of such redemption to holders of the Securities of such series to be redeemed by mailing, first class postage prepaid, a notice of such redemption not less than 30 days and not more than 90 days before the date fixed for redemption of that series to such holders at their last addresses as they shall appear upon the Security Register unless a shorter period is specified in the Securities to be redeemed. Any notice that is mailed in the manner herein provided shall be conclusively presumed to have been duly given, whether or not the registered holder receives the notice. In any case, failure duly to give such notice to the holder of any Security of any series designated for redemption in whole or in part, or any defect in the notice, shall not affect the validity of the proceedings for the redemption of any other Securities of such series or any other series. In the case of any redemption of Securities prior to the expiration of any restriction on such redemption provided in the terms of such Securities or elsewhere in this Indenture, the Company shall furnish the Trustee with an Officers' Certificate evidencing compliance with any such restriction.

Each such notice of redemption shall specify the date fixed for redemption and the redemption price at which Securities of that series are to be redeemed, and shall state that payment of the redemption price of such Securities to be redeemed will be made at the office or agency of the Company in the Borough of Manhattan, the City and State of New York, upon presentation and surrender of such Securities, that interest accrued to the date fixed for redemption will be paid as specified in said notice, that from and after said date interest will cease to accrue and that the redemption is for a sinking fund, if such is the case. If less than all the Securities of a series are to be redeemed, the notice to the holders of Securities of that series to be redeemed in whole or in part shall specify the particular Securities to be so redeemed. In case any Security is to be redeemed in part only, the notice that relates to such Security shall state the portion of the principal amount thereof to be redeemed, and shall state that on and after the redemption date, upon surrender of such Security, a new Security or Securities of such series in principal amount equal to the unredeemed portion thereof will be issued.

(b) If less than all the Securities of a series are to be redeemed, the Company shall give the Trustee at least 45 days' notice in advance of the date fixed for redemption as to the aggregate principal amount of Securities of the series to be redeemed, and thereupon the Trustee shall select, by lot or in such other manner as it shall deem appropriate and fair in its discretion and that may provide for the selection of a portion or portions (equal to one thousand U.S. dollars (\$1,000) or any integral multiple thereof) of the principal amount of such Securities of a

denomination larger than \$1,000, the Securities to be redeemed and shall thereafter promptly notify the Company in writing of the numbers of the Securities to be redeemed, in whole or in part.

The Company may, if and whenever it shall so elect, by delivery of instructions signed on its behalf by its Chairman, President or any Vice President, instruct the Trustee or any paying agent to call all or any part of the Securities of a particular series for redemption and to give notice of redemption in the manner set forth in this Section, such notice to be in the name of the Company or its own name as the Trustee or such paying agent may deem advisable. In any case in which notice of redemption is to be given by the Trustee or any such paying agent, the Company shall deliver or cause to be delivered to, or permit to remain with, the Trustee or such paying agent, as the case may be, such Security Register, transfer books or other records, or suitable copies or extracts therefrom, sufficient to enable the Trustee or such paying agent to give any notice by mail that may be required under the provisions of this Section.

SECTION 3.03        Payment Upon Redemption.  
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(a) If the giving of notice of redemption shall have been completed as above provided, the Securities or portions of Securities of the series to be redeemed specified in such notice shall become due and payable on the date and at the place stated in such notice at the applicable redemption price, together with interest accrued to the date fixed for redemption and interest on such Securities or portions of Securities shall cease to accrue on and after the date fixed for redemption, unless the Company shall default in the payment of such redemption price and accrued interest with respect to any such Security or portion thereof. On presentation and surrender of such Securities on or after the date fixed for redemption at the place of payment specified in the notice, said Securities shall be paid and redeemed at the applicable redemption price for such series, together with interest accrued thereon to the date fixed for redemption (but if the date fixed for redemption is an interest payment date, the interest installment payable on such date shall be payable to the registered holder at the close of business on the applicable record date pursuant to Section 2.03).

(b) Upon presentation of any Security of such series that is to be redeemed in part only, the Company shall execute and the Trustee shall authenticate and the office or agency where the Security is presented shall deliver to the holder thereof, at the expense of the Company, a new Security of the same series of authorized denominations in principal amount equal to the unredeemed portion of the Security so presented.

SECTION 3.04        Sinking Fund.  
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The provisions of Sections 3.04, 3.05 and 3.06 shall be applicable to any sinking fund for the retirement of Securities of a series, except as otherwise specified as contemplated by Section 2.01 for Securities of such series.

The minimum amount of any sinking fund payment provided for by the terms of Securities of any series is herein referred to as a "mandatory sinking fund payment," and any payment in excess of such minimum amount provided for by the terms of Securities of any series is herein referred to as an "optional sinking fund payment". If provided for by the terms of

Securities of any series, the cash amount of any sinking fund payment may be subject to reduction as provided in Section 3.05. Each sinking fund payment shall be applied to the redemption of Securities of any series as provided for by the terms of Securities of such series.

SECTION 3.05 Satisfaction of Sinking Fund Payments with Securities.  
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The Company (i) may deliver Outstanding Securities of a series (other than any Securities previously called for redemption) and (ii) may apply as a credit Securities of a series that have been redeemed either at the election of the Company pursuant to the terms of such Securities or through the application of permitted optional sinking fund payments pursuant to the terms of such Securities, in each case in satisfaction of all or any part of any sinking fund payment with respect to the Securities of such series required to be made pursuant to the terms of such Securities as provided for by the terms of such series, provided that such Securities have not been previously so credited. Such Securities shall be received and credited for such purpose by the Trustee at the redemption price specified in such Securities for redemption through operation of the sinking fund and the amount of such sinking fund payment shall be reduced accordingly.

SECTION 3.06 Redemption of Securities for Sinking Fund.  
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Not less than 45 days prior to each sinking fund payment date for any series of Securities, the Company will deliver to the Trustee an Officers' Certificate specifying the amount of the next ensuing sinking fund payment for that series pursuant to the terms of the series, the portion thereof, if any, that is to be satisfied by delivering and crediting Securities of that series pursuant to Section 3.05 and the basis for such credit and will, together with such Officers' Certificate, deliver to the Trustee any Securities to be so delivered. Not less than 30 days before each such sinking fund payment date the Trustee shall select the Securities to be redeemed upon such sinking fund payment date in the manner specified in Section 3.02 and cause notice of the redemption thereof to be given in the name of and at the expense of the Company in the manner provided in Section 3.02. Such notice having been duly given, the redemption of such Securities shall be made upon the terms and in the manner stated in Section 3.03.

ARTICLE 4  
CERTAIN COVENANTS

SECTION 4.01 Payment of Principal, Premium and Interest.  
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The Company will duly and punctually pay or cause to be paid the principal of (and premium, if any) and interest on the Securities of that series at the time and place and in the manner provided herein and established with respect to such Securities.

SECTION 4.02 Maintenance of Office or Agency.  
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So long as any series of the Securities remain Outstanding, the Company agrees to maintain an office or agency in the Borough of Manhattan, the City and State of New York, with respect to each such series and at such other location or locations as may be designated as provided in this Section 4.02, where (i) Securities of that series may be presented for payment, (ii) Securities of that series may be presented as hereinabove authorized for registration of transfer and exchange, and (iii) notices and demands to or upon the Company in respect of the

Securities of that series and this Indenture may be given or served, such designation to continue with respect to such office or agency until the Company shall, by written notice signed by its Chairman, President or a Vice President and delivered to the trustee, designate some other office or agency for such purposes or any of them. If at any time the Company shall fail to maintain any such required office or agency or shall fail to furnish the Trustee with the address thereof, such presentations, notices and demands may be made or served at the Corporate Trust Office of the Trustee, and the Company hereby appoints the Trustee as its agent to receive all such presentations, notices and demands.

SECTION 4.03      Paying Agents.  
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(a) If the Company shall appoint one or more paying agents for all or any series of the Securities, other than the Trustee, the Company will cause each such paying agent to execute and deliver to the Trustee an instrument in which such agent shall agree with the Trustee, subject to the provisions of this Section:

(1) that it will hold all sums held by it as such agent for the payment of the principal of (and premium, if any) or interest on the Securities of that series (whether such sums have been paid to it by the Company or by any other obligor of such Securities) in trust for the benefit of the Persons entitled thereto;

(2) that it will give the Trustee notice of any failure by the Company (or by any other obligor of such Securities) to make any payment of the principal of (and premium, if any) or interest on the Securities of that series when the same shall be due and payable;

(3) that it will, at any time during the continuance of any failure referred to in the preceding paragraph (a)(2) above, upon the written request of the Trustee, forthwith pay to the Trustee all sums so held in trust by such paying agent; and

(4) that it will perform all other duties of paying agent as set forth in this Indenture.

(b) If the Company shall act as its own paying agent with respect to any series of the Securities, it will on or before each due date of the principal of (and premium, if any) or interest on Securities of that series, set aside, segregate and hold in trust for the benefit of the Persons entitled thereto a sum sufficient to pay such principal (and premium, if any) or interest so becoming due on Securities of that series until such sums shall be paid to such Persons or otherwise disposed of as herein provided and will promptly notify the Trustee of such action, or any failure (by it or any other obligor on such Securities) to take such action. Whenever the Company shall have one or more paying agents for any series of Securities, it will, prior to each due date of the principal of (and premium, if any) or interest on any Securities of that series, deposit with the paying agent a sum sufficient to pay the principal (and premium, if any) or interest so becoming due, such sum to be held in trust for the benefit of the Persons entitled to such principal, premium or interest, and (unless such paying agent is the Trustee) the Company will promptly notify the Trustee of this action or failure so to act.

(c) Notwithstanding anything in this Section to the contrary, (i) the agreement to hold sums in trust as provided in this Section is subject to the provisions of Section 11.05, and (ii) the

Company may at any time, for the purpose of obtaining the satisfaction and discharge of this Indenture or for any other purpose, pay, or direct any paying agent to pay, to the Trustee all sums held in trust by the Company or such paying agent, such sums to be held by the Trustee upon the same terms and conditions as those upon which such sums were held by the Company or such paying agent; and, upon such payment by any paying agent to the Trustee, such paying agent shall be released from all further liability with respect to such money.

SECTION 4.04 Appointment to Fill Vacancy in Office of Trustee.  
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The Company, whenever necessary to avoid or fill a vacancy in the office of Trustee, will appoint, in the manner provided in Section 7.10, a Trustee, so that there shall at all times be a Trustee hereunder.

SECTION 4.05 Compliance with Consolidation Provisions.  
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The Company will not, while any of the Securities remain Outstanding, consolidate with, or merge into, or merge into itself, or sell or convey all or substantially all of its property to any other company unless the provisions of Article Ten hereof are complied with.

ARTICLE 5  
SECURITYHOLDERS' LISTS AND REPORTS  
BY THE COMPANY AND THE TRUSTEE

SECTION 5.01 Company to Furnish Trustee Names and Addresses of Securityholders.  
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The Company will furnish or cause to be furnished to the Trustee (a) on a monthly basis on each regular record date (as defined in Section 2.03) a list, in such form as the Trustee may reasonably require, of the names and addresses of the holders of each series of Securities as of such regular record date, provided that the Company shall not be obligated to furnish or cause to furnish such list at any time that the list shall not differ in any respect from the most recent list furnished to the Trustee by the Company and (b) at such other times as the Trustee may request in writing within 30 days after the receipt by the Company of any such request, a list of similar form and content as of a date not more than 15 days prior to the time such list is furnished; provided, however, that, in either case, no such list need be furnished for any series for which the Trustee shall be the Security Registrar.

SECTION 5.02 Preservation Of Information; Communications With Securityholders.  
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(a) The Trustee shall preserve, in as current a form as is reasonably practicable, all information as to the names and addresses of the holders of Securities contained in the most recent list furnished to it as provided in Section 5.01 and as to the names and addresses of holders of Securities received by the Trustee in its capacity as Security Registrar (if acting in such capacity).

(b) The Trustee may destroy any list furnished to it as provided in Section 5.01 upon receipt of a new list so furnished.



(c) Securityholders may communicate as provided in Section 312(b) of the Trust Indenture Act with other Securityholders with respect to their rights under this Indenture or under the Securities.

SECTION 5.03        Reports by the Company.  
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(a) The Company covenants and agrees to file with the Trustee, within 30 days after the Company is required to file the same with the Commission, copies of the annual reports and of the information, documents and other reports (or copies of such portions of any of the foregoing as the Commission may from time to time by rules and regulations prescribe) that the Company may be required to file with the Commission pursuant to Section 13 or Section 15(d) of the Exchange Act; or, if the Company is not required to file information, documents or reports pursuant to either of such sections, then to file with the Trustee and the Commission, in accordance with the rules and regulations prescribed from time to time by the Commission, such of the supplementary and periodic information, documents and reports that may be required pursuant to Section 13 of the Exchange Act, in respect of a security listed and registered on a national securities exchange as may be prescribed from time to time in such rules and regulations.

(b) The Company covenants and agrees to file with the Trustee and the Commission, in accordance with the rules and regulations prescribed from time to time by the Commission, such additional information, documents and reports with respect to compliance by the Company with the conditions and covenants provided for in this Indenture as may be required from time to time by such rules and regulations.

(c) The Company covenants and agrees to transmit by mail, first class postage prepaid, or reputable over-night delivery service that provides for evidence of receipt, to the Securityholders, as their names and addresses appear upon the Security Register, within 30 days after the filing thereof with the Trustee, such summaries of any information, documents and reports required to be filed by the Company pursuant to subsections (a) and (b) of this Section as may be required by rules and regulations prescribed from time to time by the Commission.

SECTION 5.04        Reports by the Trustee.  
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(a) On or before July 15 in each year in which any of the Securities are Outstanding, the Trustee shall transmit by mail, first class postage prepaid, to the Securityholders, as their names and addresses appear upon the Security Register, a brief report dated as of the preceding May 15, if and to the extent required under Section 313(a) of the Trust Indenture Act.

(b) The Trustee shall comply with Section 313(b) and 313(c) of the Trust Indenture Act.

(c) A copy of each such report shall, at the time of such transmission to Securityholders, be filed by the Trustee with the Company, with each stock exchange upon which any Securities are listed (if so listed) and also with the Commission. The Company agrees to notify the Trustee when any Securities become listed on any stock exchange.

ARTICLE 6  
REMEDIES OF THE TRUSTEE AND  
SECURITYHOLDERS ON EVENT OF DEFAULT

SECTION 6.01      Events of Default.  
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(a) Whenever used herein with respect to Securities of a particular series, "Event of Default" means any one or more of the following events that has occurred and is continuing:

(1) the Company defaults in the payment of any installment of interest upon any of the Securities of that series, as and when the same shall become due and payable, and continuance of such default for a period of 90 days; provided, however, that a valid extension of an interest payment period by the Company in accordance with the terms of any indenture supplemental hereto, shall not constitute a default in the payment of interest for this purpose;

(2) the Company defaults in the payment of the principal of (or premium, if any, on) any of the Securities of that series as and when the same shall become due and payable whether at maturity, upon redemption, by declaration or otherwise, or in any payment required by any sinking or analogous fund established with respect to that series; provided, however, that a valid extension of the maturity of such Securities in accordance with the terms of any indenture supplemental hereto shall not constitute a default in the payment of principal or premium, if any;

(3) the Company fails to observe or perform any other of its covenants or agreements with respect to that series contained in this Indenture or otherwise established with respect to that series of Securities pursuant to Section 2.01 hereof (other than a covenant or agreement that has been expressly included in this Indenture solely for the benefit of one or more series of Securities other than such series) for a period of 90 days after the date on which written notice of such failure, requiring the same to be remedied and stating that such notice is a "Notice of Default" hereunder, shall have been given to the Company by the Trustee, by registered or certified mail, or to the Company and the Trustee by the holders of at least 25% in principal amount of the Securities of that series at the time Outstanding;

(4) the Company pursuant to or within the meaning of any Bankruptcy Law (i) commences a voluntary case, (ii) consents to the entry of an order for relief against it in an involuntary case, (iii) consents to the appointment of a Custodian of it or for all or substantially all of its property or (iv) makes a general assignment for the benefit of its creditors; or

(5) a court of competent jurisdiction enters an order under any Bankruptcy Law that (i) is for relief against the Company in an involuntary case, (ii) appoints a Custodian of the Company for all or substantially all of their respective property, or (iii) orders the liquidation of the Company, and the order or decree remains unstayed and in effect for 90 days.

(b) In each and every such case, unless the principal of all the Securities of that series shall have already become due and payable, either the Trustee or the holders of not less than 25% in aggregate principal amount of the Securities of that series then Outstanding hereunder, by notice in writing to the Company (and to the Trustee if given by such Securityholders), may declare the principal of all the Securities of that series to be due and payable immediately, and upon any such declaration the same shall become and shall be immediately due and payable,

notwithstanding anything contained in this Indenture or in the Securities of that series or established with respect to that series pursuant to Section 2.01 to the contrary.

(c) At any time after the principal of the Securities of that series shall have been so declared due and payable, and before any judgment or decree for the payment of the moneys due shall have been obtained or entered as hereinafter provided, the holders of a majority in aggregate principal amount of the Securities of that series then Outstanding hereunder, by written notice to the Company and the Trustee, may rescind and annul such declaration and its consequences if: (i) the Company has paid or deposited with the Trustee a sum sufficient to pay all matured installments of interest upon all the Securities of that series and the principal of (and premium, if any, on) any and all Securities of that series that shall have become due otherwise than by acceleration (with interest upon such principal and premium, if any, and, to the extent that such payment is enforceable under applicable law, upon overdue installments of interest, at the rate per annum expressed in the Securities of that series to the date of such payment or deposit) and the amount payable to the Trustee under Section 7.06, and (ii) any and all Events of Default under the Indenture with respect to such series, other than the nonpayment of principal on Securities of that series that shall not have become due by their terms, shall have been remedied or waived as provided in Section 6.06.

No such rescission and annulment shall extend to or shall affect any subsequent default or impair any right consequent thereon.

(d) In case the Trustee shall have proceeded to enforce any right with respect to Securities of that series under this Indenture and such proceedings shall have been discontinued or abandoned because of such rescission or annulment or for any other reason or shall have been determined adversely to the Trustee, then and in every such case the Company, and the Trustee shall be restored respectively to their former positions and rights hereunder, and all rights, remedies and powers of the Company and the Trustee shall continue as though no such proceedings had been taken.

SECTION 6.02 Collection of Indebtedness and Suits for Enforcement by Trustee.  
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(a) The Company covenants that (1) in case it shall default in the payment of any installment of interest on any of the Securities of a series, or any payment required by any sinking or analogous fund established with respect to that series as and when the same shall have become due and payable, and such default shall have continued for a period of 90 Business Days, or (2) in case it shall default in the payment of the principal of (or premium, if any, on) any of the Securities of a series when the same shall have become due and payable, whether upon maturity of the Securities of a series or upon redemption or upon declaration or otherwise, then, upon demand of the Trustee, the Company will pay to the Trustee, for the benefit of the holders of the Securities of that series, the whole amount that then shall have been become due and payable on all such Securities for principal (and premium, if any) or interest, or both, as the case may be, with interest upon the overdue principal (and premium, if any) and (to the extent that payment of such interest is enforceable under applicable law) upon overdue installments of interest at the rate per annum expressed in the Securities of that series; and, in addition thereto, such further amount as shall be sufficient to cover the costs and expenses of collection, and the amount payable to the Trustee under Section 7.06.

(b) If the Company shall fail to pay such amounts forthwith upon such demand, the Trustee, in its own name and as trustee of an express trust, shall be entitled and empowered to institute any action or proceedings at law or in equity for the collection of the sums so due and unpaid, and may prosecute any such action or proceeding to judgment or final decree, and may enforce any such judgment or final decree against the Company or other obligor upon the Securities of that series and collect the moneys adjudged or decreed to be payable in the manner provided by law out of the property of the Company or other obligor upon the Securities of that series, wherever situated.

(c) In case of any receivership, insolvency, liquidation, bankruptcy, reorganization, readjustment, arrangement, composition or judicial proceedings affected the Company, or its creditors or property, the Trustee shall have power to intervene in such proceedings and take any action therein that may be permitted by the court and shall (except as may be otherwise provided by law) be entitled to file such proofs of claim and other papers and documents as may be necessary or advisable in order to have the claims of the Trustee and of the holders of Securities of such series allowed for the entire amount due and payable by the Company under the Indenture at the date of institution of such proceedings and for any additional amount that may become due and payable by the Company after such date, and to collect and receive any moneys or other property payable or deliverable on any such claim, and to distribute the same after the deduction of the amount payable to the Trustee under Section 7.06; and any receiver, assignee or trustee in bankruptcy or reorganization is hereby authorized by each of the holders of Securities of such series to make such payments to the Trustee, and, in the event that the Trustee shall consent to the making of such payments directly to such Securityholders, to pay to the Trustee any amount due it under Section 7.06.

(d) All rights of action and of asserting claims under this Indenture, or under any of the terms established with respect to Securities of that series, may be enforced by the Trustee without the possession of any of such Securities, or the production thereof at any trial or other proceeding relative thereto, and any such suit or proceeding instituted by the Trustee shall be brought in its own name as trustee of an express trust, and any recovery of judgment shall, after provision for payment to the Trustee of any amounts due under Section 7.06, be for the ratable benefit of the holders of the Securities of such series.

In case of an Event of Default hereunder, the Trustee may in its discretion proceed to protect and enforce the rights vested in it by this Indenture by such appropriate judicial proceedings as the Trustee shall deem most effectual to protect and enforce any of such rights, either at law or in equity or in bankruptcy or otherwise, whether for the specific enforcement of any covenant or agreement contained in the Indenture or in aid of the exercise of any power granted in this Indenture, or to enforce any other legal or equitable right vested in the Trustee by this Indenture or by law.

Nothing contained herein shall be deemed to authorize the Trustee to authorize or consent to or accept or adopt on behalf of any Securityholder any plan of reorganization, arrangement, adjustment or composition affecting the Securities of that series or the rights of any holder thereof or to authorize the Trustee to vote in respect of the claim of any Securityholder in any such proceeding.

SECTION 6.03      Application of Moneys Collected.  
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Any moneys collected by the Trustee pursuant to this Article with respect to a particular series of Securities shall be applied in the following order, at the date or dates fixed by the Trustee and, in case of the distribution of such moneys on account of principal (or premium, if any) or interest, upon presentation of the Securities of that series, and notation thereon the payment, if only partially paid, and upon surrender thereof if fully paid:

FIRST: To the payment of costs and expenses of collection and of all amounts payable to the Trustee under Section 7.06;

SECOND: To the payment of all Senior Indebtedness of the Company if and to the extent required by Article Fourteen; and

THIRD: To the payment of the amounts then due and unpaid upon Securities of such series for principal (and premium, if any) and interest, in respect of which or for the benefit of which such money has been collected, ratably, without preference or priority of any kind, according to the amounts due and payable on such Securities for principal (and premium, if any) and interest, respectively.

SECTION 6.04      Limitation on Suits.  
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No holder of any Security of any series shall have any right by virtue or by availing of any provision of this Indenture to institute any suit, action or proceeding in equity or at law upon or under or with respect to this Indenture or for the appointment of a receiver or trustee, or for any other remedy hereunder, unless (i) such holder previously shall have given to the Trustee written notice of an Event of Default and of the continuance thereof with respect to the Securities of such series specifying such Event of Default, as hereinbefore provided; (ii) the holders of not less than 25% in aggregate principal amount of the Securities of such series then Outstanding shall have made written request upon the Trustee to institute such action, suit or proceeding in its own name as trustee hereunder; (iii) such holder or holders shall have offered to the Trustee such reasonable indemnity as it may require against the costs, expenses and liabilities to be incurred therein or thereby; and (iv) the Trustee for 60 days after its receipt of such notice, request and offer of indemnity, shall have failed to institute any such action, suit or proceeding and (v) during such 60 day period, the holders of a majority in principal amount of the Securities of that series do not give the Trustee a direction inconsistent with the request.

Notwithstanding anything contained herein to the contrary, any other provisions of this Indenture, the right of any holder of any Security to receive payment of the principal of (and premium, if any) and interest on such Security, as therein provided, on or after the respective due dates expressed in such Security (or in the case of redemption, on the redemption date), or to institute suit for the enforcement of any such payment on or after such respective dates or redemption date, shall not be impaired or affected without the consent of such holder and by accepting a Security hereunder it is expressly understood, intended and covenanted by the taker and holder of every Security of such series with every other such taker and holder and the Trustee, that no one or more holders of Securities of such series shall have any right in any manner whatsoever by virtue or by availing of any provision of this Indenture to affect, disturb

or prejudice the rights of the holders of any other of such Securities, or to obtain or seek to obtain priority over or preference to any other such holder, or to enforce any right under this Indenture, except in the manner herein provided and for the equal, ratable and common benefit of all holders of Securities of such series. For the protection and enforcement of the provisions of this Section, each and every Securityholder and the Trustee shall be entitled to such relief as can be given either at law or in equity.

SECTION 6.05 Rights and Remedies Cumulative; Delay or Omission Not Waiver.  
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(a) Except as otherwise provided in Section 2.07, all powers and remedies given by this Article to the Trustee or to the Securityholders shall, to the extent permitted by law, be deemed cumulative and not exclusive of any other powers and remedies available to the Trustee or the holders of the Securities, by judicial proceedings or otherwise, to enforce the performance or observance of the covenants and agreements contained in this Indenture or otherwise established with respect to such Securities.

(b) No delay or omission of the Trustee or of any holder of any of the Securities to exercise any right or power accruing upon any Event of Default occurring and continuing as aforesaid shall impair any such right or power, or shall be construed to be a waiver of any such default or on acquiescence therein; and, subject to the provisions of Section 6.04, every power and remedy given by this Article or by law to the Trustee or the Securityholders may be exercised from time to time, and as often as shall be deemed expedient, by the Trustee or by the Securityholders.

SECTION 6.06 Control by Securityholders.  
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The holders of a majority in aggregate principal amount of the Securities of any series at the time Outstanding, determined in accordance with Section 8.04, shall have the right to direct the time, method and place of conducting any proceeding for any remedy available to the Trustee, or exercising any trust or power conferred on the Trustee with respect to such series; provided, however, that such direction shall not be in conflict with any rule of law or with this Indenture or be unduly prejudicial to the rights of holders of Securities of any other series at the time Outstanding determined in accordance with Section 8.04. Subject to the provisions of Section 7.01, the Trustee shall have the right to decline to follow any such direction if the Trustee in good faith shall, by a Responsible Officer or Officers of the Trustee, determine that the proceeding so directed would involve the Trustee in personal liability. The holders of a majority in aggregate principal amount of the Securities of any series at the time Outstanding affected thereby, determined in accordance with Section 8.04, may on behalf of the holders of all of the Securities of such series waive any past default in the performance of any of the covenants contained herein or established pursuant to Section 2.01 with respect to such series and its consequences, except a default in the payment of the principal of, or premium, if any, or interest on, any of the Securities of that series as and when the same shall become due by the terms of such Securities otherwise than by acceleration (unless such default has been cured and a sum sufficient to pay all matured installments of interest and principal and any premium has been deposited with the Trustee (in accordance with Section 6.01(c)). Upon any such waiver, the default covered thereby shall be deemed to be cured for all purposes of this Indenture and the Company, the Trustee and the holders of the Securities of such series shall be restored to their

former positions and rights hereunder, respectively; but no such waiver shall extend to any subsequent or other default or impair any right consequent thereon.

SECTION 6.07      Undertaking to Pay Costs.  
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All parties to this Indenture agree, and each holder of any Securities by such holder's acceptance thereof shall be deemed to have agreed, that any court may in its discretion require, in any suit for the enforcement of any right or remedy under this Indenture, or in any suit against the Trustee for any action taken or omitted by it as Trustee, the filing by any party litigant in such suit of an undertaking to pay the costs of such suit, and that such court may in its discretion assess reasonable costs, including reasonable attorneys' fees, against any party litigant in such suit, having due regard to the merits and good faith of the claims or defenses made by such party litigant; but the provisions of this Section shall not apply to any suit instituted by the Trustee, to any suit instituted by any Securityholder, or group of Securityholders, holding more than 10% in aggregate principal amount of the Outstanding Securities of any series, or to any suit instituted by any Securityholder for the enforcement of the payment of the principal of (or premium, if any) or interest on any Security of such series, on or after the respective due dates expressed in such Security or established pursuant to this Indenture.

ARTICLE 7  
CONCERNING THE TRUSTEE

SECTION 7.01      Certain Duties and Responsibilities of Trustee.  
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(a) The Trustee, prior to the occurrence of an Event of Default with respect to the Securities of a series and after the curing of all Events of Default with respect to the Securities of that series that may have occurred, shall undertake to perform with respect to the Securities of such series such duties and only such duties as are specifically set forth in this Indenture, and no implied covenants shall be read into this Indenture against the Trustee. In case an Event of Default with respect to the Securities of a series has occurred (that has not been cured or waived), the Trustee shall exercise with respect to Securities of that series such of the rights and powers vested in it by this Indenture, and use the same degree of care and skill in their exercise, as a prudent man would exercise or use under the circumstances in the conduct of his own affairs.

(b) No provision of this Indenture shall be construed to relieve the Trustee from liability for its own negligent action, its own negligent failure to act, or its own willful misconduct, except that:

(1) prior to the occurrence of an Event of Default with respect to the Securities of a series and after the curing or waiving of all such Events of Default with respect to that series that may have occurred:

(i) the duties and obligations of the Trustee shall with respect to the Securities of such series be determined solely by the express provisions of this Indenture, and the Trustee shall not be liable with respect to the Securities of such series except for the performance of such duties and obligations as are specifically set forth in this

Indenture, and no implied covenants or obligations shall be read into this Indenture against the Trustee; and

(ii) in the absence of bad faith on the part of the Trustee, the Trustee may with respect to the Securities of such series conclusively rely, as to the truth of the statements and the correctness of the opinions expressed therein, upon any certificates or opinions furnished to the Trustee and conforming to the requirements of this Indenture; but in the case of any such certificates or opinions that by any provision hereof are specifically required to be furnished to the Trustee, the Trustee shall be under a duty to examine the same to determine whether or not they conform to the requirement of this Indenture;

(2) the Trustee shall not be liable for any error of judgment made in good faith by a Responsible Officer or Responsible Officers of the Trustee, unless it shall be proved that the Trustee, was negligent in ascertaining the pertinent facts;

(3) the Trustee shall not be liable with respect to any action taken or omitted to be taken by it in good faith in accordance with the direction of the holders of not less than a majority in principal amount of the Securities of any series at the time Outstanding relating to the time, method and place of conducting any proceeding for any remedy available to the Trustee, or exercising any trust or power conferred upon the Trustee under this Indenture with respect to the Securities of that series; and

(4) None of the provisions contained in this Indenture shall require the Trustee to expend or risk its own funds or otherwise incur personal financial liability in the performance of any of its duties or in the exercise of any of its rights or powers, if there is reasonable ground for believing that the repayment of such funds or liability is not reasonably assured to it under the terms of this Indenture or adequate indemnity against such risk is not reasonably assured to it.

SECTION 7.02      Certain Rights of Trustee.  
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Except as otherwise provided in Section 7.01:

(a) The Trustee may rely and shall be protected in acting or refraining from acting upon any resolution, certificate, statement, instrument, opinion, report, notice, request, consent, order, approval, bond, security or other paper or document believed by it to be genuine and to have been signed or presented by the proper party or parties;

(b) Any request, direction, order or demand of the Company mentioned herein shall be sufficiently evidenced by a Board Resolution or an instrument signed in the name of the Company, by the Chairman, President or any Vice President and by the Secretary or an Assistant Secretary or the Treasurer or an Assistant Treasurer thereof (unless other evidence in respect thereof is specifically prescribed herein);

(c) The Trustee may consult with counsel and the written advice of such counsel or any Opinion of Counsel shall be full and complete authorization and protection in respect of any action taken or suffered or omitted hereunder in good faith and in reliance thereon;



(d) The Trustee shall be under no obligation to exercise any of the rights or powers vested in it by this Indenture at the request, order or direction of any of the Securityholders, pursuant to the provisions of this Indenture, unless such Securityholders shall have offered to the Trustee reasonable security or indemnity against the costs, expenses and liabilities that may be incurred therein or thereby; nothing contained herein shall, however, relieve the Trustee of the obligation, upon the occurrence of an Event of Default with respect to a series of the Securities (that has not been cured or waived) to exercise with respect to Securities of that series such of the rights and powers vested in it by this Indenture, and to use the same degree of care and skill in their exercise, as a prudent man would exercise or use under the circumstances in the conduct of his own affairs;

(e) The Trustee shall not be liable for any action taken or omitted to be taken by it in good faith and believed by it to be authorized or within the discretion or rights or powers conferred upon it by this Indenture;

(f) The Trustee shall not be bound to make any investigation into the facts or matters stated in any resolution, certificate, statement, instrument, opinion, report, notice, request, consent, order, approval, bond, security, or other papers or documents, unless requested in writing so to do by the holders of not less than a majority in principal amount of the Outstanding Securities of the particular series affected thereby (determined as provided in Section 8.04); provided, however, that if the payment within a reasonable time to the Trustee of the costs, expenses or liabilities likely to be incurred by it in the making of such investigation is, in the opinion of the Trustee, not reasonably assured to the Trustee by the security afforded to it by the terms of this Indenture, the Trustee may require reasonable indemnity against such costs, expenses or liabilities as a condition to so proceeding. The reasonable expense of every such examination shall be paid by the Company or, if paid by the Trustee, shall be repaid by the Company upon demand; and

(g) The Trustee may execute any of the trusts or powers hereunder or perform any duties hereunder either directly or by or through agents or attorneys and the Trustee shall not be responsible for any misconduct or negligence on the part of any agent or attorney appointed with due care by it hereunder.

SECTION 7.03 Trustee Not Responsible for Recitals or Issuance or Securities.  
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(a) The recitals contained herein and in the Securities shall be taken as the statements of the Company, and the Trustee assumes no responsibility for the correctness of the same.

(b) The Trustee makes no representations as to the validity or sufficiency of this Indenture or of the Securities.

(c) The Trustee shall not be accountable for the use or application by the Company of any of the Securities or of the proceeds of such Securities, or for the use or application of any moneys paid over by the Trustee in accordance with any provision of this Indenture or established pursuant to Section 2.01, or for the use or application of any moneys received by any paying agent other than the Trustee.

SECTION 7.04 May Hold Securities.  
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The Trustee or any paying agent or Security Registrar, in its individual or any other capacity, may become the owner or pledgee of Securities with the same rights it would have if it were not Trustee, paying agent or Security Registrar.

SECTION 7.05 Moneys Held in Trust.  
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Subject to the provisions of Section 11.05, all moneys received by the Trustee shall, until used or applied as herein provided, be held in trust for the purposes for which they were received, but need not be segregated from other funds except to the extent required by law. The Trustee shall be under no liability for interest on any moneys received by it hereunder except such as it may agree with the Company to pay thereon.

SECTION 7.06 Compensation and Reimbursement.  
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(a) The Company covenants and agrees to pay to the Trustee, and the Trustee shall be entitled to, such reasonable compensation (which shall not be limited by any provision of law in regard to the compensation of a trustee of an express trust), as the Company, and the Trustee may from time to time agree in writing, for all services rendered by it in the execution of the trusts hereby created and in the exercise and performance of any of the powers and duties hereunder of the Trustee, and, except as otherwise expressly provided herein, the Company will pay or reimburse the Trustee upon its request for all reasonable expenses, disbursements and advances incurred or made by the Trustee in accordance with any of the provisions of this Indenture (including the reasonable compensation and the expenses and disbursements of its counsel and of all Persons not regularly in its employ) except any such expense, disbursement or advance as may arise from its negligence or bad faith. The Company also covenants to indemnify the Trustee (and its officers, agents, directors and employees) for, and to hold it harmless against, any loss, liability or expense incurred without negligence or bad faith on the part of the Trustee and arising out of or in connection with the acceptance or administration of this trust, including the costs and expenses of defending itself against any claim of liability in the premises.

(b) The obligations of the Company under this Section to compensate and indemnify the Trustee and to pay or reimburse the Trustee for expenses, disbursements and advances shall constitute additional indebtedness hereunder. Such additional indebtedness shall be secured by a lien prior to that of the Securities upon all property and funds held or collected by the Trustee as such, except funds held in trust for the benefit of the holders of particular Securities.

SECTION 7.07 Reliance on Officers' Certificate.  
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Except as otherwise provided in Section 7.01, whenever in the administration of the provisions of this Indenture the Trustee shall deem it necessary or desirable that a matter be proved or established prior to taking or suffering or omitting to take any action hereunder, such matter (unless other evidence in respect thereof be herein specifically prescribed) may, in the absence of negligence or bad faith on the part of the Trustee, be deemed to be conclusively proved and established by an Officers' Certificate delivered to the Trustee and such certificate, in the absence of negligence or bad faith on the part of the Trustee, shall be full warrant to the

Trustee for any action taken, suffered or omitted to be taken by it under the provisions of this Indenture upon the faith thereof.

SECTION 7.08 Disqualification; Conflicting Interests.  
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If the Trustee has or shall acquire any "conflicting interest" within the meaning of Section 310(b) of the Trust Indenture Act, the Trustee and the Company shall in all respects comply with the provisions of Section 310(b) of the Trust Indenture Act.

SECTION 7.09 Corporate Trustee Required; Eligibility.  
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There shall at all times be a Trustee with respect to the Securities issued hereunder which shall at all times be a corporation organized and doing business under the laws of the United States of America or any State or Territory thereof or of the District of Columbia, or a corporation or other Person permitted to act as trustee by the Commission, authorized under such laws to exercise corporate trust powers, having a combined capital and surplus of at least 50 million U.S. dollars (\$50,000,000), and subject to supervision or examination by Federal, State, Territorial, or District of Columbia authority. If such corporation publishes reports of condition at least annually, pursuant to law or to the requirements of the aforesaid supervising or examining authority, then for the purposes of this Section, the combined capital and surplus of such corporation shall be deemed to be its combined capital and surplus as set forth in its most recent report of condition so published. The Company may not, nor may any Person directly or indirectly controlling, controlled by, or under common control with the Company, serve as Trustee. In case at any time the Trustee shall cease to be eligible in accordance with the provisions of this Section, the Trustee shall resign immediately in the manner and with the effect specified in Section 7.10.

SECTION 7.10 Resignation and Removal; Appointment of Successor.  
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(a) The Trustee or any successor hereafter appointed, may at any time resign with respect to the Securities of one or more series by giving written notice thereof to the Company and by transmitting notice of resignation by mail, first class postage prepaid, to the Securityholders of such series, as their names and addresses appear upon the Security Register. Upon receiving such notice of resignation, the Company shall promptly appoint a successor trustee with respect to Securities of such series by written instrument, in duplicate, executed by order of the Board of Directors, one copy of which instrument shall be delivered to the resigning Trustee and one copy to the successor trustee. If no successor trustee shall have been so appointed and have accepted appointment within 30 days after the mailing of such notice of resignation, the resigning Trustee may petition any court of competent jurisdiction for the appointment of a successor trustee with respect to Securities of such series, or any Securityholder of that series who has been a bona fide holder of a Security or Securities for at least six months may on behalf of himself and all others similarly situated, petition any such court for the appointment of a successor trustee. Such court may thereupon after such notice, if any, as it may deem proper and prescribe, appoint a successor trustee.

(b) In case at any time any one of the following shall occur:

(1) the Trustee shall fail to comply with the provisions of Section 7.08 after written request therefor by the Company or by any Securityholder who has been a bona fide holder of a Security or Securities for at least six months; or

(2) the Trustee shall cease to be eligible in accordance with the provisions of Section 7.09 and shall fail to resign after written request therefor by the Company or by any such Securityholder; or

(3) the Trustee shall become incapable of acting, or shall be adjudged a bankrupt or insolvent, or commence a voluntary bankruptcy proceeding, or a receiver of the Trustee or of its property shall be appointed or consented to, or any public officer shall take charge or control of the Trustee or of its property or affairs for the purpose of rehabilitation, conservation or liquidation, then, in any such case, the Company may remove the Trustee with respect to all Securities and appoint a successor trustee by written instrument, in duplicate, executed by order of the Board of Directors, one copy of which instrument shall be delivered to the Trustee so removed and one copy to the successor trustee, or, unless the Trustee's duty to resign is stayed as provided herein, any Securityholder who has been a bona fide holder of a Security or Securities for at least six months may, on behalf of that holder and all others similarly situated, petition any court of competent jurisdiction for the removal of the Trustee and the appointment of a successor trustee. Such court may thereupon after such notice, if any, as it may deem proper and prescribe, remove the Trustee and appoint a successor trustee.

(c) The holders of a majority in aggregate principal amount of the Securities of any series at the time Outstanding may at any time remove the Trustee with respect to such series by so notifying the Trustee and the Company and may appoint a successor Trustee for such series with the consent of the Company.

(d) Any resignation or removal of the Trustee and appointment of a successor trustee with respect to the Securities of a series pursuant to any of the provisions of this Section shall become effective upon acceptance of appointment by the successor trustee as provided in Section 7.11.

(e) Any successor trustee appointed pursuant to this Section may be appointed with respect to the Securities of one or more series or all of such series, and at any time there shall be only one Trustee with respect to the Securities of any particular series.

SECTION 7.11      Acceptance of Appointment By Successor.  
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(a) In case of the appointment hereunder of a successor trustee with respect to all Securities, every such successor trustee so appointed shall execute, acknowledge and deliver to the Company and to the retiring Trustee an instrument accepting such appointment, and thereupon the resignation or removal of the retiring Trustee shall become effective and such successor trustee, without any further act, deed or conveyance, shall become vested with all the rights, powers, trusts and duties of the retiring Trustee; but, on the request of the Company or the successor trustee, such retiring Trustee shall, upon payment of its charges, execute and deliver an instrument transferring to such successor trustee all the rights, powers, and trusts of the retiring

Trustee and shall duly assign, transfer and deliver to such successor trustee all property and money held by such retiring Trustee hereunder.

(b) In case of the appointment hereunder of a successor trustee with respect to the Securities of one or more (but not all) series, the Company, the retiring Trustee and each successor trustee with respect to the Securities of one or more series shall execute and deliver an indenture supplemental hereto wherein each successor trustee shall accept such appointment and which (1) shall contain such provisions as shall be necessary or desirable to transfer and confirm to, and to vest in, each successor trustee all the rights, powers, trusts and duties of the retiring Trustee with respect to the Securities of that or those series to which the appointment of such successor trustee relates, (2) shall contain such provisions as shall be deemed necessary or desirable to confirm that all the rights, powers, trusts and duties of the retiring Trustee with respect to the Securities of that or those series as to which the retiring Trustee is not retiring shall continue to be vested in the retiring Trustee, and (3) shall add to or change any of the provisions of this Indenture as shall be necessary to provide for or facilitate the administration of the trusts hereunder by more than one Trustee, it being understood that nothing herein or in such supplemental indenture shall constitute such Trustees co-trustees of the same trust, that each such Trustee shall be trustee of a trust or trusts hereunder separate and apart from any trust or trusts hereunder administered by any other such Trustee and that no Trustee shall be responsible for any act or failure to act on the part of any other Trustee hereunder; and upon the execution and delivery of such supplemental indenture the resignation or removal of the retiring Trustee shall become effective to the extent provided therein, such retiring Trustee shall with respect to the Securities of that or those series to which the appointment of such successor trustee relates have no further responsibility for the exercise of rights and powers or for the performance of the duties and obligations vested in the Trustee under this Indenture, and each such successor trustee, without any further act, deed or conveyance, shall become vested with all the rights, powers, trusts and duties of the retiring Trustee with respect to the Securities of that or those series to which the appointment of such successor trustee relates; but, on request of the Company or any successor trustee, such retiring Trustee shall duly assign, transfer and deliver to such successor trustee, to the extent contemplated by such supplemental indenture, the property and money held by such retiring Trustee hereunder with respect to the Securities of that or those series to which the appointment of such successor trustee relates.

(c) Upon request of any such successor trustee, the Company shall execute any and all instruments for more fully and certainly vesting in and confirming to such successor trustee all such rights, powers and trusts referred to in paragraph (a) or (b) of this Section, as the case may be.

(d) No successor trustee shall accept its appointment unless at the time of such acceptance such successor trustee shall be qualified and eligible under this Article.

(e) Upon acceptance of appointment by a successor trustee as provided in this Section, the Company shall transmit notice of the succession of such trustee hereunder by mail, first class postage prepaid, to the Securityholders, as their names and addresses appear upon the Security Register. If the Company fails to transmit such notice within ten days after acceptance of appointment by the successor trustee, the successor trustee shall cause such notice to be transmitted at the expense of the Company.

SECTION 7.12 Merger, Conversion, Consolidation or Succession to Business.  
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Any corporation into which the Trustee may be merged or converted or with which it may be consolidated, or any corporation resulting from any merger, conversion or consolidation to which the Trustee shall be a party, or any corporation succeeding to the corporate trust business of the Trustee, shall be the successor of the Trustee hereunder, provided that such corporation shall be qualified under the provisions of Section 7.08 and eligible under the provisions of Section 7.09, without the execution or filing of any paper or any further act on the part of any of the parties hereto, anything herein to the contrary notwithstanding. In case any Securities shall have been authenticated, but not delivered, by the Trustee then in office, any successor by merger, conversion or consolidation to such authenticating Trustee may adopt such authentication and deliver the Securities so authenticated with the same effect as if such successor Trustee had itself authenticated such Securities.

SECTION 7.13 Preferential Collection of Claims Against the Company.  
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The Trustee shall comply with Section 311(a) of the Trust Indenture Act, excluding any creditor relationship described in Section 311(b) of the Trust Indenture Act. A Trustee who has resigned or been removed shall be subject to Section 311(a) of the Trust Indenture Act to the extent included therein.

ARTICLE 8  
CONCERNING THE SECURITYHOLDERS

SECTION 8.01 Evidence of Action by Securityholders.  
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Whenever in this Indenture it is provided that the holders of a majority or specified percentage in aggregate principal amount of the Securities of a particular series may take any action (including the making of any demand or request, the giving of any notice, consent or waiver or the taking of any other action), the fact that at the time of taking any such action the holders of such majority or specified percentage of that series have joined therein may be evidenced by any instrument or any number of instruments of similar tenor executed by such holders of Securities of that series in Person or by agent or proxy appointed in writing.

If the Company shall solicit from the Securityholders of any series any request, demand, authorization, direction, notice, consent, waiver or other action, the Company may, at its option, as evidenced by an Officers' Certificate, fix in advance a record date for such series for the determination of Securityholders entitled to give such request, demand, authorization, direction, notice, consent, waiver or other action, but the Company shall have no obligation to do so. If such a record date is fixed, such request, demand, authorization, direction, notice, consent, waiver or other action may be given before or after the record date, but only the Securityholders of record at the close of business on the record date shall be deemed to be Securityholders for the purposes of determining whether Securityholders of the requisite proportion of Outstanding Securities of that series have authorized or agreed or consented to such request, demand, authorization, direction, notice, consent, waiver or other action, and for that purpose the Outstanding Securities of that series shall be computed as of the record date; provided, however, that no such authorization, agreement or consent by such Securityholders on the record date shall

be deemed effective unless it shall become effective pursuant to the provisions of this Indenture not later than six months after the record date.

SECTION 8.02 Proof of Execution by Securityholders.  
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Subject to the provisions of Section 7.01, proof of the execution of any instrument by a Securityholder (such proof will not require notarization) or his agent or proxy and proof of the holding by any Person of any of the Securities shall be sufficient if made in the following manner:

(a) The fact and date of the execution by any such Person of any instrument may be proved in any reasonable manner acceptable to the Trustee.

(b) The ownership of Securities shall be proved by the Security Register of such Securities or by a certificate of the Security Registrar thereof.

(c) The Trustee may require such additional proof of any matter referred to in this Section as it shall deem necessary.

SECTION 8.03 Who May be Deemed Owners.  
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Prior to the due presentment for registration of transfer of any Security, the Company, the Trustee, any paying agent and any Security Registrar may deem and treat the Person in whose name such Security shall be registered upon the books of the Company as the absolute owner of such Security (whether or not such Security shall be overdue and notwithstanding any notice of ownership or writing thereon made by anyone other than the Security Registrar) for the purpose of receiving payment of or on account of the principal of, premium, if any, and (subject to Section 2.03) interest on such Security and for all other purposes; and neither the Company nor the Trustee nor any paying agent nor any Security Registrar shall be affected by any notice to the contrary.

SECTION 8.04 Certain Securities Owned by Company Disregarded.  
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In determining whether the holders of the requisite aggregate principal amount of Securities of a particular series have concurred in any direction, consent or waiver under this Indenture, the Securities of that series that are owned by the Company or any other obligor on the Securities of that series or by any Person directly or indirectly controlling or controlled by or under common control with the Company or any other obligor on the Securities of that series shall be disregarded and deemed not to be Outstanding for the purpose of any such determination, except that for the purpose of determining whether the Trustee shall be protected in relying on any such direction, consent or waiver, only Securities of such series that the Trustee actually knows are so owned shall be so disregarded. The Securities so owned that have been pledged in good faith may be regarded as Outstanding for the purposes of this Section, if the pledgee shall establish to the satisfaction of the Trustee the pledgee's right so to act with respect to such Securities and that the pledgee is not a Person directly or indirectly controlling or controlled by or under direct or indirect common control with the Company or any such other obligor. In case of a dispute as to such right, any decision by the Trustee taken upon the advice of counsel shall be full protection to the Trustee.

SECTION 8.05      Actions Binding on Future Securityholders.  
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At any time prior to (but not after) the evidencing to the Trustee, as provided in Section 8.01, of the taking of any action by the holders of the majority or percentage in aggregate principal amount of the Securities of a particular series specified in this Indenture in connection with such action, any holder of a Security of that series that is shown by the evidence to be included in the Securities the holders of which have consented to such action may, by filing written notice with the Trustee, and upon proof of holding as provided in Section 8.02, revoke such action so far as concerns such Security. Except as aforesaid any such action taken by the holder of any Security shall be conclusive and binding upon such holder and upon all future holders and owners of such Security, and of any Security issued in exchange therefor, on registration of transfer thereof or in place thereof, irrespective of whether or not any notation in regard thereto is made upon such Security. Any action taken by the holders of the majority or percentage in aggregate principal amount of the Securities of a particular series specified in this Indenture in connection with such action shall be conclusively binding upon the Company, the Trustee and the holders of all the Securities of that series.

ARTICLE 9  
SUPPLEMENTAL INDENTURES

SECTION 9.01      Supplemental Indentures Without the Consent of Securityholders.  
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In addition to any supplemental indenture otherwise authorized by this Indenture, the Company and the Trustee may from time to time and at any time enter into an indenture or indentures supplemental hereto (which shall conform to the provisions of the Trust Indenture Act as then in effect), without the consent of the Securityholders, for one or more of the following purposes:

- (a) to cure any ambiguity, defect, or inconsistency herein, in the Securities of any series;
- (b) to comply with Article Ten;
- (c) to provide for uncertificated Securities in addition to or in place of certificated Securities;
- (d) to add to the covenants of the Company for the benefit of the holders of all or any Series of Securities (and if such covenants are to be for the benefit of less than all series of Securities, stating that such covenants are expressly being included solely for the benefit of such series) or to surrender any right or power herein conferred upon the Company;
- (e) to add to, delete from, or revise the conditions, limitations, and restrictions on the authorized amount, terms, or purposes of issue, authentication, and delivery of Securities, as herein set forth;
- (f) to make any change that does not adversely affect the rights of any Securityholder in any material respect; or



(g) to provide for the issuance of and establish the form and terms and conditions of the Securities of any series as provided in Section 2.01, to establish the form of any certifications required to be furnished pursuant to the terms of this Indenture or any series of Securities, or to add to the rights of the holders of any series of Securities.

The Trustee is hereby authorized to join with the Company in the execution of any such supplemental indenture, and to make any further appropriate agreements and stipulations that may be therein contained, but the Trustee shall not be obligated to enter into any such supplemental indenture that affects the Trustee's own rights, duties or immunities under this Indenture or otherwise.

Any supplemental indenture authorized by the provisions of this Section may be executed by the Company and the Trustee without the consent of the holders of any of the Securities at the time Outstanding, notwithstanding any of the provisions of Section 9.02.

SECTION 9.02 Supplemental Indentures With Consent of Securityholders.  
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With the consent (evidenced as provided in Section 8.01) of the holders of not less than a majority in aggregate principal amount of the Securities of each series affected by such supplemental indenture or indentures at the time Outstanding, the Company, when authorized by Board Resolutions, and the Trustee may from time to time and at any time enter into an indenture or indentures supplemental hereto (which shall conform to the provisions of the Trust Indenture Act as then in effect) for the purpose of adding any provisions to or changing in any manner or eliminating any of the provisions of this Indenture or of any supplemental indenture or of modifying in any manner not covered by Section 9.01 the rights of the holders of the Securities of such series under this Indenture; provided, however, that no such supplemental indenture shall, without the consent of the holders of each Security then Outstanding and affected thereby, (i) extend the fixed maturity of any Securities of any series, or reduce the principal amount thereof, or reduce the rate or extend the time of payment of interest thereon, or reduce any premium payable upon the redemption thereof; (ii) change any obligation to pay additional amounts; (iii) reduce the amount of principal of an original issue discount security or any other Security payable upon acceleration of the maturity thereof; (iv) change currency in which any Security or any premium or interest is payable; (v) impair the right to enforce any payment on or with respect to any Security; (vi) adversely change the right to convert or exchange, including decreasing the conversion rate or increasing the conversion price of, such Security (if applicable); (vii) modify the subordination provisions in a manner adverse to the holders of such Securities; (viii) if the Securities are secured, change the terms and conditions pursuant to which the Securities are secured in a manner adverse to the holders of the Securities; (ix) reduce the percentage in principal amount of outstanding Securities of any series, the consent of whose holders is required for modification or amendment of the indenture or for waiver of compliance with certain provisions of the indenture or for waiver of certain defaults; (x) reduce the requirements contained in the indenture for quorum or voting; (xi) change any obligations of the Company to maintain an office or agency in the places and for the purposes required by the indentures; or (xii) modify any of the above provisions.

It shall not be necessary for the consent of the Securityholders of any series affected thereby under this Section to approve the particular form of any proposed supplemental indenture, but it shall be sufficient if such consent shall approve the substance thereof.

SECTION 9.03      Effect of Supplemental Indentures.  
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Upon the execution of any supplemental indenture pursuant to the provisions of this Article or of Section 10.01, this Indenture shall, with respect to such series, be and be deemed to be modified and amended in accordance therewith and the respective rights, limitations of rights, obligations, duties and immunities under this Indenture of the Trustee, the Company and the holders of Securities of the series affected thereby shall thereafter be determined, exercised and enforced hereunder subject in all respects to such modifications and amendments, and all the terms and conditions of any such supplemental indenture shall be and be deemed to be part of the terms and conditions of this Indenture for any and all purposes.

SECTION 9.04      Securities Affected by Supplemental Indentures.  
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Securities of any series, affected by a supplemental indenture, authenticated and delivered after the execution of such supplemental indenture pursuant to the provisions of this Article or of Section 10.01, may bear a notation in form approved by the Company, provided such form meets the requirements of any exchange upon which such series may be listed, as to any matter provided for in such supplemental indenture. If the Company shall so determine, new Securities of that series so modified as to conform, in the opinion of the Board of Directors of the Company, to any modification of this Indenture contained in any such supplemental indenture may be prepared by the Company, authenticated by the Trustee and delivered in exchange for the Securities of that series then Outstanding.

SECTION 9.05      Execution of Supplemental Indentures.  
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Upon the request of the Company, accompanied by its Board Resolutions authorizing the execution of any such supplemental indenture, and upon the filing with the Trustee of evidence of the consent of Securityholders required to consent thereto as aforesaid, the Trustee shall join with the Company in the execution of such supplemental indenture unless such supplemental indenture affects the Trustee's own rights, duties or immunities under this Indenture or otherwise, in which case the Trustee may in its discretion but shall not be obligated to enter into such supplemental indenture. The Trustee, subject to the provisions of Section 7.01, may receive an Opinion of Counsel as conclusive evidence that any supplemental indenture executed pursuant to this Article is authorized or permitted by, and conforms to, the terms of this Article and that it is proper for the Trustee under the provisions of this Article to join in the execution thereof; provided, however, that such Opinion of Counsel need not be provided in connection with the execution of a supplemental indenture that establishes the terms of a series of Securities pursuant to Section 2.01 hereof.

Promptly after the execution by the Company and the Trustee of any supplemental indenture pursuant to the provisions of this Section, the Trustee shall transmit by mail, first class postage prepaid, a notice, setting forth in general terms the substance of such supplemental indenture, to the Securityholders of all series affected thereby as their names and addresses

appear upon the Security Register. Any failure of the Trustee to mail such notice, or any defect therein, shall not, however, in any way impair or affect the validity of any such supplemental indenture.

ARTICLE 10  
SUCCESSOR CORPORATION

SECTION 10.01      Company May Consolidate, Etc.  
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Nothing contained in this Indenture or in any of the Securities shall prevent any consolidation or merger of the Company with or into any other corporation or corporations (whether or not affiliated with the Company) or successive consolidations or mergers in which the Company or its successor or successors shall be a party or parties, or shall prevent any sale, conveyance, transfer or other disposition of the property of the Company or its successor or successors as an entirety, or substantially as an entirety, to any other corporation (whether or not affiliated with the Company or its successor or successors) authorized to acquire and operate the same; provided, however, the Company hereby covenants and agrees that, upon any such consolidation, merger, sale, conveyance, transfer or other disposition, the due and punctual payment of the principal of (premium, if any) and interest on all of the Securities of all series in accordance with the terms of each series, according to their tenor and the due and punctual performance and observance of all the covenants and conditions of this Indenture with respect to each series or established with respect to such series pursuant to Section 2.01 to be kept or performed by the Company shall be expressly assumed, by supplemental indenture (which shall conform to the provisions of the Trust Indenture Act, as then in effect) satisfactory in form to the Trustee executed and delivered to the Trustee by the entity formed by such consolidation, or into which the Company shall have been merged, or by the entity which shall have acquired such property.

SECTION 10.02      Successor Corporation Substituted.  
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(a) In case of any such consolidation, merger, sale, conveyance, transfer or other disposition and upon the assumption by the successor corporation, by supplemental indenture, executed and delivered to the Trustee and satisfactory in form to the Trustee, of the due and punctual payment of the principal of, premium, if any, and interest on all of the Securities of all series Outstanding and the due and punctual performance of all of the covenants and conditions of this Indenture or established with respect to each series of the Securities pursuant to Section 2.01 to be performed by the Company with respect to each series, such successor corporation shall succeed to and be substituted for the Company with the same effect as if it had been named as the Company herein, and thereupon the predecessor corporation shall be relieved of all obligations and covenants under this Indenture and the Securities.

(b) In case of any such consolidation, merger, sale, conveyance, transfer or other disposition such changes in phraseology and form (but not in substance) may be made in the Securities thereafter to be issued as may be appropriate.

(c) Nothing contained in this Indenture or in any of the Securities shall prevent the Company from merging into itself or acquiring by purchase or otherwise all or any part of the property of any other Person (whether or not affiliated with the Company).

SECTION 10.03 Evidence of Consolidation, Etc. to Trustee.  
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The Trustee, subject to the provisions of Section 7.01, may receive an Opinion of Counsel as conclusive evidence that any such consolidation, merger, sale, conveyance, transfer or other disposition, and any such assumption, comply with the provisions of this Article.

ARTICLE 11  
SATISFACTION AND DISCHARGE

SECTION 11.01 Satisfaction and Discharge of Indenture.  
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If at any time:

(a) the Company shall have delivered to the Trustee for cancellation all Securities of a series theretofore authenticated (other than any Securities that shall have been destroyed, lost or stolen and that shall have been replaced or paid as provided in Section 2.07) and Securities for whose payment money or Governmental Obligations have theretofore been deposited in trust or segregated and held in trust by the Company (and thereupon repaid to the Company or discharged from such trust, as provided in Section 11.05); or

(b) all such Securities of a particular series not theretofore delivered to the Trustee for cancellation shall have become due and payable, or are by their terms to become due and payable within one year or are to be called for redemption within one year under arrangements satisfactory to the Trustee for the giving of notice of redemption, and the Company shall deposit or cause to be deposited with the Trustee as trust funds the entire amount in moneys or Governmental Obligations sufficient or a combination thereof, sufficient in the opinion of a nationally recognized firm of independent public accountants expressed in a written certification thereof delivered to the Trustee, to pay at maturity or upon redemption all Securities of that series not theretofore delivered to the Trustee for cancellation, including principal (and premium, if any) and interest due or to become due to such date of maturity or date fixed for redemption, as the case may be, and if the Company shall also pay or cause to be paid all other sums payable hereunder with respect to such series by the Company then this Indenture shall thereupon cease to be of further effect with respect to such series except for the provisions of Sections 2.03, 2.05, 2.07, 4.01, 4.02, 4.03 and 7.10, that shall survive until the date of maturity or redemption date, as the case may be, and Sections 7.06 and 11.05, that shall survive to such date and thereafter, and the Trustee, on demand of the Company and at the cost and expense of the Company shall execute proper instruments acknowledging satisfaction of and discharging this Indenture with respect to such series.

SECTION 11.02 Discharge of Obligations.  
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If at any time all such Securities of a particular series not heretofore delivered to the Trustee for cancellation or that have not become due and payable as described in Section 11.01 shall have been paid by the Company by depositing irrevocably with the Trustee as trust funds

moneys or an amount of Governmental Obligations sufficient to pay at maturity or upon redemption all such Securities of that series not theretofore delivered to the Trustee for cancellation, including principal (and premium, if any) and interest due or to become due to such date of maturity or date fixed for redemption, as the case may be, and if the Company shall also pay or cause to be paid all other sums payable hereunder by the Company with respect to such series, then after the date such moneys or Governmental Obligations, as the case may be, are deposited with the Trustee the obligations of the Company under this Indenture with respect to such series shall cease to be of further effect except for the provisions of Sections 2.03, 2.05, 2.07, 4.01, 4.02, 4.03, 7.06, 7.10 and 11.05 hereof that shall survive until such Securities shall mature and be paid. Thereafter, Sections 7.06 and 11.05 shall survive.

SECTION 11.03      Deposited Moneys to be Held in Trust.  
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All moneys or Governmental Obligations deposited with the Trustee pursuant to Sections 11.01 or 11.02 shall be held in trust and shall be available for payment as due, either directly or through any paying agent (including the Company acting as its own paying agent), to the holders of the particular series of Securities for the payment or redemption of which such moneys or Governmental Obligations have been deposited with the Trustee.

SECTION 11.04      Payment of Moneys Held by Paying Agents.  
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In connection with the satisfaction and discharge of this Indenture all moneys or Governmental Obligations then held by any paying agent under the provisions of this Indenture shall, upon demand of the Company, be paid to the Trustee and thereupon such paying agent shall be released from all further liability with respect to such moneys or Governmental Obligations.

SECTION 11.05      Repayment to Company.  
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Any moneys or Governmental Obligations deposited with any paying agent or the Trustee, or then held by the Company, in trust for payment of principal of or premium or interest on the Securities of a particular series that are not applied but remain unclaimed by the holders of such Securities for at least two years after the date upon which the principal of (and premium, if any) or interest on such Securities shall have respectively become due and payable, shall be repaid to the Company on May 31 of each year or (if then held by the Company) shall be discharged from such trust; and thereupon the paying agent and the Trustee shall be released from all further liability with respect to such moneys or Governmental Obligations, and the holder of any of the Securities entitled to receive such payment shall thereafter, as an unsecured general creditor, look only to the Company for the payment thereof.

ARTICLE 12  
IMMUNITY OF INCORPORATORS, STOCKHOLDERS,  
OFFICERS AND DIRECTORS

SECTION 12.01      No Recourse.  
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No recourse under or upon any obligation, covenant or agreement of this Indenture, or of any Security, or for any claim based thereon or otherwise in respect thereof, shall be had against

any incorporator, stockholder, officer or director, past, present or future as such, of the Company or of any predecessor or successor corporation, either directly or through the Company or any such predecessor or successor corporation, whether by virtue of any constitution, statute or rule of law, or by the enforcement of any assessment or penalty or otherwise; it being expressly understood that this Indenture and the obligations issued hereunder are solely corporate obligations, and that no such personal liability whatever shall attach to, or is or shall be incurred by, the incorporators, stockholders, officers or directors as such, of the Company or of any predecessor or successor corporation, or any of them, because of the creation of the indebtedness hereby authorized, or under or by reason of the obligations, covenants or agreements contained in this Indenture or in any of the Securities or implied therefrom; and that any and all such personal liability of every name and nature, either at common law or in equity or by constitution or statute, of, and any and all such rights and claims against, every such incorporator, stockholder, officer or director as such, because of the creation of the indebtedness hereby authorized, or under or by reason of the obligations, covenants or agreements contained in this Indenture or in any of the Securities or implied therefrom, are hereby expressly waived and released as a condition of, and as a consideration for, the execution of this Indenture and the issuance of such Securities.

ARTICLE 13  
MISCELLANEOUS PROVISIONS

SECTION 13.01 Effect on Successors and Assigns.  
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All the covenants, stipulations, promises and agreements in this Indenture contained by or on behalf of the Company shall bind their respective successors and assigns, whether so expressed or not.

SECTION 13.02 Actions by Successor.  
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Any act or proceeding by any provision of this Indenture authorized or required to be done or performed by any board, committee or officer of the Company shall and may be done and performed with like force and effect by the corresponding board, committee or officer of any corporation that shall at the time be the lawful sole successor of the Company.

SECTION 13.03 Surrender of Company Powers.  
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The Company by instrument in writing executed by authority of 2/3 (two-thirds) of its Board of Directors and delivered to the Trustee may surrender any of the powers reserved to the Company, and thereupon such power so surrendered shall terminate both as to the Company and as to any successor corporation.

SECTION 13.04 Notices.  
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Except as otherwise expressly provided herein any notice or demand that by any provision of this Indenture is required or permitted to be given or served by the Trustee or by the holders of Securities to or on the Company may be given or served by being deposited first class postage prepaid in a post-office letterbox addressed (until another address is filed in writing by the Company with the Trustee), as follows: Impac Mortgage Holdings, Inc., 1401 Dove Street,

Newport Beach, CA 92660. Any notice, election, request or demand by the Company or any Securityholder to or upon the Trustee shall be deemed to have been sufficiently given or made, for all purposes, if given or made in writing at the Corporate Trust Office of the Trustee.

SECTION 13.05      Governing Law.  
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This Indenture and each Security shall be deemed to be a contract made under the internal laws of the State of New York, and for all purposes shall be construed in accordance with the laws of said State.

SECTION 13.06      Treatment of Securities as Debt.  
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It is intended that the Securities will be treated as indebtedness and not as equity for federal income tax purposes. The provisions of this Indenture shall be interpreted to further this intention.

SECTION 13.07      Compliance Certificates and Opinions.  
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(a) Upon any application or demand by the Company to the Trustee to take any action under any of the provisions of this Indenture, the Company, shall furnish to the Trustee an Officers' Certificate stating that all conditions precedent provided for in this Indenture relating to the proposed action have been complied with and an Opinion of Counsel stating that in the opinion of such counsel all such conditions precedent have been complied with, except that in the case of any such application or demand as to which the furnishing of such documents is specifically required by any provision of this Indenture relating to such particular application or demand, no additional certificate or opinion need be furnished.

(b) Each certificate or opinion provided for in this Indenture and delivered to the Trustee with respect to compliance with a condition or covenant in this Indenture shall include (1) a statement that the Person making such certificate or opinion has read such covenant or condition; (2) a brief statement as to the nature and scope of the examination or investigation upon which the statements or opinions contained in such certificate or opinion are based; (3) a statement that, in the opinion of such Person, he has made such examination or investigation as is necessary to enable him to express an informed opinion as to whether or not such covenant or condition has been complied with; and (4) a statement as to whether or not, in the opinion of such Person, such condition or covenant has been complied with.

SECTION 13.08      Payments on Business Days.  
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Except as provided pursuant to Section 2.01 pursuant to a Board Resolution, and as set forth in an Officers' Certificate, or established in one or more indentures supplemental to this Indenture, in any case where the date of maturity of interest or principal of any Security or the date of redemption of any Security shall not be a Business Day, then payment of interest or principal (and premium, if any) may be made on the next succeeding Business Day with the same force and effect as if made on the nominal date of maturity or redemption, and no interest shall accrue for the period after such nominal date.

SECTION 13.09 Conflict with Trust Indenture Act.  
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If and to the extent that any provision of this Indenture limits, qualifies or conflicts with the duties imposed by Sections 310 to 317, inclusive, of the Trust Indenture Act, such imposed duties shall control.

SECTION 13.10 Counterparts.  
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This Indenture may be executed in any number of counterparts, each of which shall be an original, but such counterparts shall together constitute but one and the same instrument.

SECTION 13.11 Separability.  
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In case any one or more of the provisions contained in this Indenture or in the Securities of any series shall for any reason be held to be invalid, illegal or unenforceable in any respect, such invalidity, illegality or unenforceability shall not affect any other provisions of this Indenture or of such Securities, but this Indenture and such Securities shall be construed as if such invalid or illegal or unenforceable provision had never been contained herein or therein.

SECTION 13.12 Assignment.  
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The Company will have the right at all times to assign any of its rights or obligations under this Indenture to a direct or indirect wholly-owned Subsidiary of the Company, provided that, in the event of any such assignment, the Company, will remain liable for all such obligations. Subject to the foregoing, the Indenture is binding upon and inures to the benefit of the parties thereto and their respective successors and assigns. This Indenture may not otherwise be assigned by the parties thereto.

ARTICLE 14  
SUBORDINATION OF SECURITIES

SECTION 14.01 Subordination Terms.  
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The payment by the Company of the principal of, premium, if any, and interest on any series of Securities issued hereunder shall be subordinated to the extent set forth in an indenture supplemental hereto relating to such Securities.



IN WITNESS WHEREOF, the parties hereto have caused this Indenture to be duly executed all as of the day and year first above written.

IMPAC MORTGAGE HOLDINGS, INC.

By: \_\_\_\_\_

Name:

Title:

[\_\_\_\_\_] , as Trustee

By: \_\_\_\_\_

Name:

Title:

[LETTERHEAD OF KIRKPATRICK & LOCKHART LLP]

December 3, 2001

Impac Mortgage Holdings, Inc.  
1401 Dove Street  
Newport Beach, California 92660

Re: \$300,000,000 Aggregate Offering Price of Securities  
of Impac Mortgage Holdings, Inc.

Ladies and Gentlemen:

We have acted as counsel to Impac Mortgage Holdings, Inc., a Maryland corporation (the "Company"), in connection with the registration of certain securities (the "Securities") of the Company on its Registration Statement on Form S-3 (the "Registration Statement") filed by the Company on the date hereof with the Securities and Exchange Commission (the "Commission") under the Securities Act of 1933, as amended (the "Securities Act"). The Securities include (i) shares of common stock, \$.01 par value per share (the "Common Stock"), (ii) one or more series of shares of preferred stock, \$.01 par value per share (the "Preferred Stock"), (iii) one or more series of debt securities, any series of which may be either senior debt securities or subordinated debt securities (the "Debt Securities"), or (iv) warrants to purchase shares of Common Stock or Preferred Stock (the "Warrants"), all of which may be issued from time to time on a delayed or continuous basis pursuant to Rule 415 under the Securities Act as an aggregated offering not to exceed \$300,000,000. Any Debt Securities and Preferred Stock may be convertible into shares of Common Stock. Certain stockholders of the Company (collectively, the "Selling Stockholders") may offer from time to time shares of Common Stock (the "Selling Stockholder Shares") in amounts, at prices and on terms to be determined at the time of the offering pursuant to a prospectus supplement forming a part of the Registration Statement (a "Prospectus Supplement"). Unless otherwise defined herein, capitalized terms used herein shall have the meanings assigned to them in the Registration Statement.

This opinion is delivered in accordance with the requirements of Item 601(b)(5) of Regulation S-K under the Securities Act.

Unless otherwise provided in any Prospectus Supplement relating to a particular Series of Debt Securities, the Debt Securities will be issued pursuant to one or more indentures (each, an "Indenture") between the Company and a financial institution ("Trustee") to be identified therein

in either of the forms that are included as exhibits to the Registration Statement. The Warrants will be issued under one or more warrant agreements to be filed as an exhibit to the Registration Statement at or prior to such time as the Prospectus Supplement relating to the Warrants to be offered is filed with the Commission (each, a "Warrant Agreement"). Each Warrant Agreement will be between the Company and a financial institution identified therein as warrant agent (each, a "Warrant Agent").

For purposes of this opinion, we have examined such matters of law and originals, or copies, certified or otherwise identified to our satisfaction, of such documents, corporate records and other instruments as we have deemed necessary. In our examination, we have assumed the genuineness of all signatures, the authenticity of all documents submitted to us as originals, the conformity to originals of all documents submitted to us as certified, photostatic or conformed copies, and the authenticity of the originals of all such latter documents. We have also assumed the due execution and delivery of all documents where due execution and delivery are prerequisites to the effectiveness thereof. We have relied upon certificates of public officials and certificates of officers of the Company for the accuracy of material, factual matters contained therein which were not independently established.

Based on the foregoing and in reliance thereon, and subject to completion of the corporate action required to be taken by the Company based on the type of Security being offered (including, without limitation, the due reservation of any Common Stock and Preferred Stock for issuance and, with respect to the Preferred Stock, the due authorization, approval and filing of Articles Supplementary referred to below), the effectiveness of the Registration Statement, the due authorization, execution and delivery of the relevant Indenture and any supplemental indenture pursuant to which any Debt Securities or Warrants may be issued, and, with respect to the relevant Indenture, compliance with the Trust Indenture Act of 1939, as amended, the due authorization, execution and delivery of the relevant Warrant Agreement, and the qualifications and limitations set forth below, we are of the opinion that:

1. The Preferred Stock and Common Stock issued separately or upon the conversion of any Debt Securities so issued that are convertible and upon the exercise of any Warrants so issued (as to the Preferred Stock, when issued pursuant to Articles Supplementary pursuant to Section 2-105 of the Maryland General Corporation Law as approved by the Board of Directors of the Company (the "Articles Supplementary")), and the Common Stock issued upon conversion or exchange of any such Preferred Stock so issued that are convertible or exchangeable into Common Stock (i) will have been duly authorized and reserved for issuance separately, upon conversion of such Debt Securities, exercise of any such Warrants, performance of any such purchase contracts or conversion or exchange of any such convertible Common Stock or Preferred Stock, upon the respective issuance of each, as the case may be, and (ii) upon the

issuance of such Preferred Stock and Common Stock separately against payment in full therefor in an amount exceeding the par value, if any, thereof or pursuant to (x) the relevant Indenture upon valid conversion of such Debt Securities or applicable definitive purchase, underwriting or similar agreement approved by the Board upon payment of the consideration therefor, (y) exercise of such Warrants and payment in full of the exercise price provided for therein or (z) valid conversion of any such Preferred Stock so issued that are convertible into Common Stock in accordance with Articles Supplementary, as the case may be, will be validly issued, fully paid and non-assessable.

2. The Debt Securities, upon the issuance thereof and timely payment in full therefore in the manner described in the Registration Statement and the Prospectus Supplement describing the terms of the Debt Securities as issued, will be validly issued, fully paid and non-assessable and will constitute legally valid and binding obligations of the Company, enforceable against the Company in accordance with their terms.

3. The Indentures will be the legally valid and binding agreements of the Company, enforceable against the Company in accordance with their terms.

4. The Warrant Agreements will constitute the legally valid and binding agreements of the Company, enforceable against the Company in accordance with their terms.

5. The Warrants, upon the issuance thereof and timely payment in full therefore in the manner described in the Registration Statement and the Prospectus Supplement describing the terms of the Debt Securities as issued will be validly issued, fully paid and non-assessable and will constitute legally valid and binding obligations of the Company, enforceable against the Company in accordance with their respective terms.

6. The Selling Stockholder Shares will be validly issued, fully paid and non-assessable.

The opinions set forth above are subject to the following exceptions, limitations and qualifications:

(a) the effect of bankruptcy, insolvency, reorganization, moratorium or other similar laws now or hereafter in effect (including without limitation, California and federal laws relating to fraudulent transfers or conveyances) and court decisions of general application, and other legal equitable principles of general application relating to, limiting or affecting the enforcement of creditors' rights, generally;

(b) the unenforceability under certain circumstances under law or court decisions of provisions providing for the indemnification of or contribution to a party with respect to a liability where such indemnification or contribution is contrary to public policy;

(c) the discretion of any court of competent jurisdiction in awarding equitable remedies, including but not limited to specific performance or injunctive relief and, limitations imposed by federal or state securities laws;

(d) the net impact or result of any conflict of laws between or among laws of competing jurisdictions and the applicability of the law of any jurisdiction in such instance other than California and New York;

(e) the limitations imposed by a California court might not permit the exercise or attempted exercise of any right or remedy provided in any agreement if such exercise or attempted exercise is deemed to be in breach of the covenant of good faith and fair dealing implied under California law to exist in all agreements or if party seeking to exercise same fails to act in a commercially reasonable manner;

(f) the limitations imposed by California law and court decisions relating to the strict enforcement of certain covenants in contracts absent a showing of damage or increased risk to the party seeking enforcement (such covenants may include, without limitation, covenants to provide reports or notices and covenants restricting rights of assignment);

(g) the effect of certain California court decisions, indicating that a California court would probably refuse to give strict and literal effect to contractual provisions if it concluded that enforcement of such provisions, on the basis of the facts and circumstances then before such court, was not reasonably necessary to protect the rights and interest of the party seeking enforcement;

(h) the enforceability under certain circumstances of contractual provisions respecting various self-help or summary remedies without notice or opportunity for hearing or correction, especially if their operation would work a substantial forfeiture or impose a substantial penalty upon the burdened party;

(i) the unenforceability under certain circumstances of provisions waiving vaguely or broadly stated rights or unknown future rights and of provisions stating that rights or remedies are not exclusive, that every right or remedy is cumulative and may be exercised in addition to or with any other right or remedy, or that the election of some particular remedy or remedies does not preclude recourse to one or more others;

(j) the effect of section 1670.5 of the California Civil Code, which provides that if a court as a matter of law finds a contract or any clause of a contract to have been "unconscionable" at the time it was made, the court may refuse to enforce the contract, or the court may enforce the remainder of the contract without the "unconscionable" clause so as to avoid an "unconscionable" result. That section also permits parties to present evidence as to the commercial setting, purpose and effect of any contract or clause thereof claimed to be "unconscionable" to aid the court in making its determination; and

(k) the effect of Trident Center v. Connecticut General Life Ins. Co., 847

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F.2d 564 (9th Cir. 1988) in which the Ninth Circuit Court of Appeal, applying what it said was California law, held parol evidence was admissible to vary the provisions of an unambiguous agreement. To the extent Trident accurately

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expresses California law on the subject matter, our opinion assumes that no party to any agreement or document referenced herein in any action seeking to enforce it offers any parol evidence which varies the express terms of said agreement or document.

The opinions set forth herein are subject to the following assumptions, qualifications, limitations and exceptions being true and correct at or prior to the time of the delivery of any Security or any Selling Stockholder Shares:

(a) the Board of Directors of the Company shall have duly established the terms of such Security and duly authorized and taken any other necessary corporate action to approve the issuance and sale of such Security in conformity with the Amended and Restated Articles of Incorporation of the Company, as amended and supplemented, and its bylaws (subject to the further assumption that the Amended and Restated Articles of Incorporation, as amended and supplemented, and bylaws have not been amended from the date hereof in a manner that would affect the validity of any of the opinions rendered herein), and such authorization shall remain in effect and unchanged at all times during which the Securities are offered and shall not have been modified or rescinded (subject to the further assumption that the sale of any Security takes place in accordance with such authorization);

(b) the Registration Statement, and any amendments thereto (including post-effective amendments) and any additional registration statement filed under Rule 462 under the Securities Act will have been declared effective under the Securities Act and such effectiveness shall not have been terminated or rescinded;

(c) a Prospectus Supplement will have been prepared and filed with the Commission describing the Securities and/or the Selling Stockholder Shares offered thereby;

(d) all Securities and Selling Stockholder Shares will be issued and sold in compliance with applicable federal and state securities laws and solely in the manner stated in the Registration Statement and the appropriate Prospectus Supplement and there will not have occurred any change in law affecting the validity of any of the opinions rendered herein;

(e) in the case of an Indenture, Warrant Agreement, stock purchase contract, Articles Supplementary, or other agreement pursuant to which any Securities are to be issued, there shall be no additions, deletions, or modifications of the terms or provisions contained in the forms thereof included as exhibits to the Registration Statement which would affect the validity of any of the opinions rendered herein;

(f) the Board of Directors of the Company shall have duly authorized the issuance of the Selling Stockholder Shares and the Selling Stockholder Shares shall have been issued against payment in full therefor in an amount exceeding the par value thereof;

(g) a definitive purchase, underwriting or similar agreement and any other necessary agreement with respect to any Securities offered or issued will have been duly authorized and validly executed and delivered by the Company and the other parties thereto; and

(h) the final terms of any of the Securities when issued do not violate any applicable law or result in a default under or breach of any agreement or instrument binding upon the Company and comply with any requirement or restriction imposed by any court or governmental body having jurisdiction over the Company.

To the extent that the obligations of the Company under the Indentures may be dependent upon such matters, we assume for purposes of this opinion that the Trustees thereunder will be duly organized, validly existing and in good standing under the laws of their respective jurisdictions of organization; that the Trustees thereunder will be duly qualified to engage in the activities contemplated by the applicable Indentures; that the Indentures will have been duly authorized, executed and delivered by the respective Trustees and will constitute the legally valid and binding obligations of the respective Trustees enforceable against the respective Trustees in accordance with their terms; that the Trustees will be in compliance, generally with respect to acting as a trustee under the applicable Indentures, with all applicable laws and regulations; that the Trustees will have the requisite organizational and legal power and authority to perform their obligations under the respective Indentures; the applicable Indentures will have been duly qualified under the Trust Indenture Act of 1939, as amended; that the Trustee will have been qualified under the Trust Indenture Act of 1939, as amended and a Form T-1 shall have been properly filed as an exhibit to the Registration Statement; and that such Debt Securities have

been duly executed, authenticated, issued and delivered in accordance with the provisions of the applicable Indenture.

To the extent that the obligations of the Company under each Warrant Agreement may be dependent upon such matters, we assume for purposes of this opinion that the Warrant Agent will be duly organized, validly existing and in good standing under the laws of its jurisdiction of organization; that the Warrant Agent will be duly qualified to engage in the activities contemplated by the Warrant Agreement; that the Warrant Agreement will have been duly authorized, executed and delivered by the Warrant Agent and constitutes the legally valid and binding obligation of the Warrant Agent enforceable against the Warrant Agent in accordance with its terms; that the Warrant Agent will be in compliance, generally with respect to acting as a Warrant Agent under the Warrant Agreement, with all applicable laws and regulations; and that the Warrant Agent will have the requisite organizational and legal power and authority to perform its obligations under the Warrant Agreement.

The opinions expressed in this opinion letter are limited to the laws of the State of California, applicable federal securities laws of the United States and, as it relates to the Indentures in connection with paragraphs 2 and 3 to the extent New York law applies, the laws of the State of New York. We are not opining on, and we assume no responsibility for, the applicability to or effect on any of the matters covered herein of any other laws, the laws of any other jurisdiction, including any foreign jurisdiction, or the local laws of any jurisdiction.

With respect to the opinions set forth above and to the extent applicable, we have relied upon the opinion of McKee Nelson, LLP, dated the date hereof, a copy of which has been delivered to you, as to matters of Maryland law.

We consent to the use of our name under the caption "Legal Matters," in the Prospectus, constituting part of the Registration Statement, and to the filing of this opinion as an exhibit to the Registration Statement. By giving you this opinion and consent, we do not admit that we are experts with respect to any part of the Registration Statement or Prospectus within the meaning of the term "expert" as used in Section 11 of the Securities Act or the rules and regulations promulgated thereunder by the SEC, nor do we admit that we are in the category of persons whose consent is required under Section 7 of the Securities Act.

Our opinion is based solely upon existing laws, rules and regulations, and we undertake no obligation to advise you of any changes that may be brought to our attention after the date hereof.



This opinion is rendered only to you and is solely for your benefit in connection with the transactions covered hereby. This opinion may not be relied upon by you for any other purpose, or furnished to, quoted to, or relied upon by any other person, firm or corporation for any purpose, without our prior written consent.

Very truly yours,

/s/ Kirkpatrick & Lockhart LLP

[Letterhead of McKee Nelson LLP]

December 3, 2001

Impac Mortgage Holdings, Inc.  
1401 Dove Street  
Newport Beach, California 92660

Ladies and Gentlemen:

This opinion is furnished in connection with the registration statement on Form S-3 (File No. 333- ) dated December 3, 2001 (the "Registration Statement") filed with the Securities and Exchange Commission (the "Commission") under the Securities Act of 1933, as amended (the "Securities Act"), relating to the offerings from time to time of (1) by Impac Mortgage Holdings, Inc., a Maryland corporation (the "Company"), of up to \$300,000,000 of common stock, par value \$.01 per share (the "Common Stock"), preferred stock, par value \$.01 per share (the "Preferred Stock"), debt securities (the "Debt Securities"), warrants to purchase Common Stock (the "Common Stock Warrants"), and warrants to purchase Preferred Stock (the "Preferred Stock Warrants" and collectively with the Common Stock Warrants, the "Warrants"), and (2) by certain stockholders of the Company (the "Selling Stockholders") of an indeterminate number of shares of Common Stock ("Selling Stockholder Shares"). The Common Stock, the Preferred Stock, the Debt Securities, the Warrants, and the Selling Stockholder Shares are each referred to herein as a "Security" and collectively as the "Securities."

As Maryland counsel to the Company, we have examined and relied on the originals or copies, certified or otherwise identified to our satisfaction, of such instruments, certificates, records, and other documents and have made such examination of law as we have deemed necessary or appropriate for the purpose of this opinion. In our examination, we have assumed the legal capacity of all natural persons, the genuineness of all signatures, the authenticity of all documents submitted to us as originals, the conformity to original documents of all documents submitted to us as certified or photostatic copies or by facsimile or other means of electronic transmission or which we obtained from the Commission's Electronic Data Gathering, Analysis and Retrieval System ("EDGAR") or FreeEDGAR.com, and the authenticity of the originals of such latter documents. As to facts relevant to the opinions expressed herein and other statements made herein, we have relied without independent investigation upon certificates and oral or written statements and representations of public officials, officers, and other representatives of the Company.

We are attorneys admitted to practice in the State of Maryland. We express no opinion concerning the laws of any of the jurisdictions other than the laws of the United States of America and the State of Maryland.

Based on the foregoing and in reliance thereon, and subject to completion of the corporate action required to be taken by the Company based on the type of Security being offered (including, without limitation, the due reservation of any Common Stock and Preferred Stock for issuance and, with respect to the Preferred Stock, the due authorization, approval and filing of Articles Supplementary referred to below), the effectiveness of the Registration Statement, the due authorization, execution and delivery of the relevant indenture(s) or supplemental indenture(s) pursuant to which any Debt Securities or Warrants may be issued (the "Indenture"), and, with respect to the Indenture, compliance with the Trust Indenture Act of 1939, as amended (the "TIA"), the due authorization, execution and delivery of the relevant warrant agreement relating to any Warrants (the "Warrant Agreement"), and the qualifications and limitations set forth below, we are of the opinion that:

(1) the Debt Securities and Warrants, upon the issuance thereof and timely payment in full therefor in the manner described in the Registration Statement and the Prospectus Supplement describing the terms of the Debt Securities and Warrants as issued, will be validly issued, fully paid and non-assessable;

(2) the Preferred Stock and Common Stock issued separately or upon the conversion of any Debt Securities so issued that are convertible and upon the exercise of any Warrants so issued (as to the Preferred Stock, when issued pursuant to Articles Supplementary pursuant to Section 2-105 of the Maryland General Corporation Law as approved by the Board of Directors of the Company (the "Articles Supplementary")), and the Common Stock issued upon conversion or exchange of any such Preferred Stock so issued that are convertible or exchangeable into Common Stock (i) will have been duly authorized and reserved for issuance separately, upon conversion of such Debt Securities, exercise of any such Warrants, performance of any such purchase contracts or conversion or exchange of any such convertible Preferred Stock, upon the respective issuance of each, as the case may be, and (ii) upon the issuance of such Preferred Stock and Common Stock separately against payment in full therefor in an amount exceeding the par value, if any, thereof or pursuant to (x) the Indenture upon valid conversion of such Debt Securities, (y) exercise of such Warrants and payment in full of the exercise price provided for therein or (z) valid conversion of any such Preferred Stock so issued that are convertible into Common Stock in accordance with Articles Supplementary, as the case may be, will be validly issued, fully paid and non-assessable; and

(3) the Selling Stockholder Shares will be validly issued, fully paid and non-assessable.

The opinions set forth herein are subject to the following assumptions, qualifications, limitations and exceptions being true and correct at or prior to the time of the delivery of any Security or any Selling Stockholder Shares:

(a) the Board of Directors of the Company shall have duly established the terms of such Security and duly authorized and taken any other necessary corporate action to approve the issuance and sale of such Security in conformity with the Amended and Restated Articles of Incorporation of the Company, as amended and supplemented, and its bylaws (subject to the further assumption that the Amended and Restated Articles of Incorporation, as amended and supplemented, and bylaws have not been amended from the date hereof in a manner that would affect the validity of any of the opinions rendered herein), and such authorization shall remain in effect and unchanged at all times during which the Securities are offered and shall not have been modified or rescinded (subject to the further assumption that the sale of any Security takes place in accordance with such authorization);

(b) the Registration Statement, and any amendments thereto (including post-effective amendments) and any additional registration statement filed under Rule 462 will have been declared effective under the Act and such effectiveness shall not have been terminated or rescinded;

(c) a prospectus supplement (a "Prospectus Supplement") will have been prepared and filed with the Securities and Exchange Commission describing the Securities offered thereby;

(d) all Securities will be issued and sold in compliance with applicable federal and state securities laws and solely in the manner stated in the Registration Statement and the appropriate Prospectus Supplement and there will not have occurred any change in law affecting the validity of any of the opinions rendered herein;

(e) with respect to Debt Securities or, where applicable, Warrants, the applicable trustee shall have been qualified under the TIA and a Form T-1 shall have been properly filed as an exhibit to the Registration Statement;

(f) in the case of an Indenture, Warrant Agreement, stock purchase contract, Articles Supplementary, or other agreement pursuant to which any Securities are to be issued, there shall be no terms or provisions contained therein which would affect the validity of any of the opinions rendered herein; and

(g) the Board of Directors of the Company shall have duly authorized the issuance of the Selling Stockholder Shares and the Selling Stockholder Shares shall have been issued against payment in full therefor in an amount exceeding the par value thereof.

This opinion is being furnished to you for use in connection with the Registration Statement and may be relied upon by Kirkpatrick & Lockhart LLP. We hereby consent to the filing of this opinion as Exhibit 5.2 to the Form S-3 and the reference to our firm under the caption "Legal Matters" in the prospectus or any supplement thereto. In giving this consent, we do not hereby admit that we are within the category of persons whose consent is required under Section 7 of the Securities Act or the rules and regulations of the Commission promulgated thereunder.

Very truly yours,

/s/ McKee Nelson LLP

[Letterhead of McKee Nelson LLP]

December 3, 2001

Impac Mortgage Holdings, Inc.  
1401 Dove Street, Suite 100  
Newport Beach, CA 92660

Re: Registration Statement on Form S-3  
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Ladies and Gentlemen:

This opinion is furnished in connection with the registration statement on Form S-3 (File No. 333- ) dated December 3, 2001 (the "Registration Statement") filed with the Securities and Exchange Commission under the Securities Act of 1933, as amended, relating to the offerings from time to time of (1) by Impac Mortgage Holdings, Inc., a Maryland corporation (the "Company"), of up to \$300,000,000 of common stock, par value \$.01 per share, preferred stock, par value \$.01 per share, debt securities, warrants to purchase common stock, and warrants to purchase preferred stock, and (2) by certain stockholders of the Company of an indeterminate number of shares of Common Stock.

As tax counsel to the Company, we have examined and relied on the originals or copies, certified or otherwise identified to our satisfaction, of such instruments, certificates, records, and other documents and have made such examination of law as we have deemed necessary or appropriate for the purpose of this opinion. In our examination, we have assumed the legal capacity of all natural persons, the genuineness of all signatures, the authenticity of all documents submitted to us as originals, the conformity to original documents of all documents submitted to us as certified or photostatic copies or by facsimile or other means of electronic transmission or which we obtained from the Commission's Electronic Data Gathering, Analysis and Retrieval System ("EDGAR") or FreeEDGAR.com, and the authenticity of the originals of such latter documents. As to facts relevant to the opinions expressed herein and other statements made herein, we have relied without independent investigation upon certificates and oral or written statements and representations of public officials, officers, and other representatives of the Company.

In addition, this opinion is based, in part, upon factual representations set forth in the Registration Statement and in a letter delivered to us by the Company today. This opinion is also based upon the Internal Revenue Code of 1986, as amended (the "Code"), the Treasury Regulations promulgated thereunder, and existing administrative and judicial interpretations thereof, all as they exist at the date of this letter. All of the foregoing statutes, regulations, and

interpretations are subject to change, in some circumstances with retroactive effect. Any changes to the foregoing authorities could affect the accuracy of the opinions contained herein.

Based on the foregoing, we are of the opinion that, commencing with the Company's taxable year ended December 31, 1995, the Company has been and will continue to be organized in conformity with the requirements for qualification and taxation as a real estate investment trust (a "REIT") under the Code and its method of operating has enabled the Company, and its proposed method of operating going forward will enable the Company, to meet the requirements for qualification and taxation as a REIT.

The Company's qualification as a REIT will depend on the Company's meeting, in its actual operations, the applicable asset composition, source of income, stockholder diversification, distribution and other requirements of the Code and Treasury Regulations necessary for REIT qualification. We will not review these operations and no assurance can be given that the actual operations of the Company and its affiliates will meet these requirements or the representations made to us with respect thereto.

This opinion is being furnished to you for use in connection with the Registration Statement and may be relied upon by Kirkpatrick & Lockhart LLP. We hereby consent to the filing of this opinion as Exhibit 8.1 to the Registration Statement and the reference to our firm under the captions "Legal Matters" and "Material Federal Income Tax Consequences" in the prospectus included as part of the Registration Statement or any supplement thereto. In giving this consent, we do not hereby admit that we are within the category of persons whose consent is required under Section 7 of the Securities Act or the rules and regulations of the Commission promulgated thereunder.

Very truly yours,

/s/ McKee Nelson LLP

## EXHIBIT 12

The following table presents the calculations of ratio of earnings to fixed charges and ratio of earnings to combined fixed charges and preferred stock dividends for the periods shown.

IMPAC MORTGAGE HOLDINGS, INC.  
RATIO OF EARNINGS TO FIXED CHARGES AND PREFERRED STOCK DIVIDENDS  
(dollar amounts in thousands)

	For the Nine Months Ended, September 30, 2001	2000	1999	1998	1997	1996
Net earnings (loss)	18,217	(54,233)	22,317	(5,933)	(16,029)	11,879
Add: Fixed charges (1)	86,030	125,019	91,074	128,190	84,195	44,203
Net earnings (loss) plus fixed charges	104,247	70,787	113,391	122,257	68,166	56,082
Add: Accounting charges (2)	-	68,860	-	-	44,375	-
Net earnings (loss) plus fixed charges and excluding accounting charges	104,247	139,647	113,391	122,257	112,541	56,082
Fixed charges	86,030	125,019	91,074	128,190	84,195	44,203
Preferred stock dividends	1,575	3,150	3,290	-	-	-
Total fixed charges and preferred stock dividends	87,605	128,169	94,364	128,190	84,195	44,203
Ratio of earnings to fixed charges	1.21x	0.57x	1.25x	0.95x	0.81x	1.27x
Ratio of earnings to combined fixed charges and preferred dividends	1.19x	0.55x	1.20x	0.95x	0.81x	1.27x
Ratio of earnings to fixed charges excluding accounting charges	1.21x	1.12x	1.25x	0.95x	1.34x	1.27x
Ratio of earnings to combined fixed charges and preferred dividends excluding accounting charges	1.19x	1.09x	1.20x	0.95x	1.34x	1.27x

(1) Interest expense on debt and the portion of rental expense deemed to represent the interest factor.

(2) Accounting charges for the year ended December 31, 2000 were related to write-downs on investment securities available-for-sale and to provide for additional increases in the Company's allowance for loan losses related to its high loan-to-value second trust deed portfolio. Accounting charges for the year ended December 31, 1998 were the result of the buyout and termination of the Company's management agreement with Imperial Credit Advisors, Inc.



CONSENT OF THE INDEPENDENT AUDITORS

The Board of Directors  
Impac Mortgage Holdings, Inc.:

We consent to the incorporation by reference in the Registration Statement on Form S-3 of Impac Mortgage Holdings, Inc., dated December 3, 2001, of our report dated February 2, 2001, except as to note S to the consolidated financial statements, which is as of March 27, 2001, relating to the consolidated balance sheets of Impac Mortgage Holdings, Inc. and subsidiaries as of December 31, 2000 and 1999, and the related consolidated statements of operations and comprehensive earnings (loss), changes in stockholders' equity and cash flows for each of the years in the three-year period ended December 31, 2000, which report appears in the December 31, 2000, annual report on Form 10-K of Impac Mortgage Holdings, Inc. filed on March 30, 2001 and as amended by Form 10-K/A filed on October 17, 2001 and to the reference to our firm under the heading "Experts" in the prospectus.

/s/ KPMG LLP

Orange County, California  
November 30, 2001

CONSENT OF THE INDEPENDENT AUDITORS

The Board of Directors  
Impac Funding Corporation:

We consent to the incorporation by reference in the Registration Statement on Form S-3 of Impac Mortgage Holdings, Inc., dated December 3, 2001, of our report dated February 2, 2001, except as to note L to the consolidated financial statements, which is as of March 27, 2001, relating to the consolidated balance sheets of Impac Funding Corporation and subsidiary as of December 31, 2000 and 1999, and the related consolidated statements of operations and comprehensive earnings (loss), changes in shareholders' equity and cash flows for each of the years in the three-year period ended December 31, 2000, which report appears in the December 31, 2000, annual report on Form 10-K of Impac Mortgage Holdings, Inc. filed on March 30, 2001 and as amended by Form 10-K/A filed on October 17, 2001 and to the reference to our firm under the heading "Experts" in the prospectus.

/s/ KPMG LLP

Orange County, California  
November 30, 2001