
SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

FORM S-3

REGISTRATION STATEMENT
UNDER
THE SECURITIES ACT OF 1933

VORNADO REALTY TRUST

(Exact Name of Registrant as Specified in Its Charter)

MARYLAND
(State or Other Jurisdiction of
Incorporation or Organization)
888 Seventh Avenue
New York, New York 10019
(212) 894-7000
(Address Including Zip Code, and
Telephone Number, Including Area Code,
of Registrant's Executive Offices)

22-1657560
(IRS Employer Identification Number)

Joseph Macnow
888 Seventh Avenue
New York, New York 10019
(212) 894-7000
(Address Including Zip Code, and
Telephone Number, Including Area Code,
of Agent for Service)

Copies to:
William G. Farrar, Esq.
Sullivan & Cromwell LLP
125 Broad Street
New York, New York 10004

Approximate date of commencement of proposed sale to the public: From time to time after the effective date of this registration statement as determined by market conditions.

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

CALCULATION OF REGISTRATION FEE

Title of shares to be registered	Amount to be registered	Proposed maximum offering price per share(2)	Proposed maximum aggregate offering price(2)	Amount of registration fee
Common shares of beneficial interest, par value \$0.04 per share(1)	212,477	\$44.20	\$9,391,484	\$760

(1) This Registration Statement registers the common shares of beneficial interest, par value \$0.04 per share, of Vornado Realty Trust ("Vornado") issuable if Vornado elects to issue common shares to holders of up to 212,477 class A units of limited partnership interest in Vornado Realty L.P. (the "Operating Partnership") upon the tender of such units for redemption. The units were issued by the Operating Partnership to partners of First Gateway Associates Limited Partnership in connection with the conveyance of an office building by First Gateway Associates Limited Partnership to the Operating Partnership on July 1, 2002. This Registration Statement also relates to such additional common shares as may be issued as a result of certain adjustments including, without limitation, share dividends and share splits.

(2) Estimated solely for purposes of calculating the registration fee in accordance with Rule 457(c) based on the average of the high and low reported sales prices on the New York Stock Exchange on July 10, 2003.

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 this registration statement shall become effective on such date as the Commission, acting pursuant to said Section 8(a), may determine.

The information in this preliminary prospectus is not complete and may be changed. We may not sell these securities until the registration statement filed with the Securities and Exchange Commission is effective. This preliminary prospectus is not an offer to sell these securities and it is not the solicitation of an offer to buy these securities in any state where the offer or sale is not permitted.

SUBJECT TO COMPLETION

PRELIMINARY PROSPECTUS DATED JULY 14, 2003

VORNADO REALTY TRUST

212,477 COMMON SHARES

We are a fully-integrated real estate investment trust. We may issue up to 212,477 common shares to holders of up to 212,477 class A units of limited partnership interest in Vornado Realty L.P. upon tender of those units for redemption. Vornado Realty L.P. is the operating partnership through which we own our assets and operate our business.

The units that may be redeemed for common shares were issued to partners of First Gateway Associates Limited Partnership in connection with the conveyance of an office building in the Crystal City Complex in Arlington, Virginia by First Gateway Associates Limited Partnership to the Operating Partnership on July 1, 2002.

We are required to register the 212,477 common shares pursuant to a registration rights agreement with the holders of those units. We will acquire units from the redeeming unit holders in exchange for any common shares that we issue. We have registered the issuance of the common shares to permit their holders to sell them in the open market or otherwise, but the registration of the shares does not necessarily mean that any holders will elect to redeem their units. Also, upon any redemption, we may elect to pay cash for the units tendered rather than issue common shares. Although we will incur expenses in connection with the registration of the 212,477 common shares, we will not receive any cash proceeds upon their issuance.

The common shares are listed on the New York Stock Exchange under the symbol "VNO."

In order to maintain our qualification as a real estate investment trust for federal income tax purposes and for other purposes, no person generally may own more than 6.7% of the outstanding common shares. Shares owned in excess of this limit will be deemed "excess shares" under the declaration of trust. The holder of any excess shares will lose some ownership rights with respect to these shares, and we will have the right to purchase them from the holder.

See "Risk Factors" beginning on page 4 for information about factors relevant to an investment in the common shares.

Neither the Securities and Exchange Commission nor any other regulatory body has approved or disapproved of these securities or passed upon the accuracy or adequacy of this prospectus. Any representation to the contrary is a criminal offense.

The date of this prospectus is July , 2003.

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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 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 these documents.

When we say "we," "our," "us" or "Vornado," we mean Vornado Realty Trust and its consolidated subsidiaries, except where we make it clear that we mean only the parent company. When we say the "operating partnership," we mean Vornado Realty L.P. When we say "you," without any further specification, we

mean the holders of units that were issued in connection with our acquisition on July 1, 2002 of an office building from First Gateway Associates Limited Partnership.

WHERE YOU CAN FIND MORE INFORMATION

We file annual, quarterly and special reports, proxy statements and other information with the Securities and Exchange Commission. Our SEC filings are available to the public over the Internet at the SEC's web site at <http://www.sec.gov>. You may also read and copy any document we file 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.

This prospectus is part of a registration statement on Form S-3 filed by Vornado with the SEC under the Securities Act. As permitted by the rules and regulations of the SEC, this prospectus omits some of the information contained in the registration statement. You should read the registration statement and related exhibits for further information about Vornado and the common shares offered by this prospectus. Statements in this prospectus about the provisions of any document filed as an exhibit to the registration statement or otherwise filed with the SEC are only summaries, and in each instance you should read the document so filed for complete information about its provisions. Each statement in this prospectus about the provisions of any document filed with the SEC is qualified in its entirety by reference to the document.

The SEC allows us to "incorporate by reference" the information we file with them, which means that we can disclose important information to you by referring you to those documents. The information incorporated by reference is an important part of this prospectus, and information that we file later with the SEC will automatically update and, where applicable, supersede this information.

We incorporate by reference into this prospectus the following documents or information filed with the SEC:

- (1) Annual report of Vornado Realty Trust on Form 10-K for the fiscal year ended December 31, 2002 (File No. 001-11954);
- (2) Current report on Form 8-K of Vornado Realty Trust dated May 28, 2003 and filed with the SEC on June 2, 2003 (File No. 001-11954);
- (3) Quarterly report of Vornado Realty Trust on Form 10-Q for the fiscal quarter ended March 31, 2003 (File No. 001-11954) filed with the SEC on May 8, 2003;
- (4) The description of Vornado's common shares contained in Vornado's registration statement on Form 8-B (File No. 001-11954), filed with the SEC on May 10, 1993; and
- (5) All documents filed by Vornado Realty Trust under Sections 13(a), 13(c), 14 or 15(d) of the Securities Exchange Act of 1934 after the date of this prospectus and until we sell all of the securities or after the date of the initial registration statement and before effectiveness of the registration statement, except that the information referred to in Item 402(a)(8) of Regulation S-K of the SEC is not incorporated by reference into this prospectus.

You may request a copy of these filings, excluding exhibits to these filings unless they are specifically incorporated by reference into these filings, at no cost, by writing or telephoning us at the following address: Vornado Realty Trust, 210 Route 4 East, Paramus, New Jersey 07652, telephone (201) 587-1000, Attn: Secretary.

CAUTIONARY STATEMENT REGARDING FORWARD-LOOKING STATEMENTS

This prospectus, including the documents incorporated by reference in it, contains forward-looking statements with respect to our financial condition, results of operations and business. These statements may be made directly in this document or they may be made part of this document by reference to other documents filed with the SEC, which is known as "incorporation by reference." You can find many of these statements by looking for words such as "believes," "expects," "anticipates," "estimates," "intends," "plans" or similar expressions in this prospectus or the documents incorporated by reference.

These forward-looking statements are subject to numerous assumptions, risks and uncertainties. Factors that may cause actual results to differ materially from those contemplated by the forward-looking statements include, among others, those listed under the caption "Risk Factors" in this prospectus as well as the following possibilities:

- national, regional and local economic conditions;
- the consequences of any armed conflict involving, or terrorist attack against, the United States;
- our ability to secure adequate insurance;
- local conditions such as an oversupply of space or a reduction in demand for real estate in the area;
- competition from other available space;
- whether tenants consider a property attractive;
- the financial condition of our tenants, including the extent of tenant bankruptcies or defaults;
- whether we are able to pass some or all of any increased operating costs we experience through to our tenants;
- how well we manage our properties;

- increased interest rates;
- increases in real estate taxes and other expenses;
- decreases in market rental rates;
- the timing and costs associated with property improvements and rentals;
- changes in taxation or zoning laws;
- government regulations;
- our failure to continue to qualify as a real estate investment trust;
- availability of financing on acceptable terms or at all;
- potential liability under environmental or other laws or regulations; and
- general competitive factors.

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Forward-looking statements are not guarantees of performance. They involve risks, uncertainties and assumptions. Our future results, financial condition and business may differ materially from those expressed in these forward-looking statements. Many of the factors that will determine these items are beyond our ability to control or predict. For these statements, we claim the protection of the safe harbor for forward-looking statements contained in the Private Securities Litigation Reform Act of 1995. You are cautioned not to place undue reliance on our forward-looking statements, which speak only as of the date of this prospectus or, if applicable, the date of the applicable document incorporated by reference.

All subsequent written and oral forward-looking statements attributable to us or any person acting on our behalf are expressly qualified in their entirety by the cautionary statements contained or referred to in this section. We do not undertake any obligation to release publicly any revisions to our forward-looking statements to reflect events or circumstances after the date of this prospectus or to reflect the occurrence of unanticipated events. For more information on the uncertainty of forward-looking statements, see "Risk Factors" in this prospectus.

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RISK FACTORS

An investment in our common shares involves risks. You should carefully consider, among other factors, the matters described below.

If You Redeem Your Units, You May Incur Adverse Tax Consequences and the Nature of Your Investment Will Change.

You should carefully consider the tax consequences of redeeming your units.

The exercise of your right to require the redemption of your units will be treated for tax purposes as a sale of your units. This sale will be fully taxable to you, and you will be treated as realizing for tax purposes an amount equal to the sum of the cash or the value of the common shares received in the exchange plus the amount of the operating partnership liabilities considered allocable to the redeemed units at the time of the redemption, including the operating partnership's share of the liabilities of certain entities in which the operating partnership owns an interest. Depending upon your particular circumstances, it is possible that the amount of gain recognized, or even the tax liability resulting from that gain, could exceed the amount of cash and the value of other property, e.g., the common shares, received upon the disposition. See "Redemption of Units—Tax Consequences of Redemption" for more information on these tax consequences.

The nature of your investment will change upon a redemption of your units.

Unless we elect to assume and perform the operating partnership's obligation with respect to redeeming your units, you will receive cash on the specified redemption date from the operating partnership in an amount equal to the market value of the units to be redeemed. For class A units, which are the kind of units that you hold, the specified redemption date is generally the tenth business day after we receive your notice of redemption if our common shares are publicly traded. In lieu of the operating partnership's acquiring the units for cash, we have the right, except as described below if the common shares are not publicly traded, to elect to acquire the units on the specified redemption date directly from you, in exchange for either cash or common shares, and upon acquiring the units, we will become the owner of your units. See "Redemption of Units" for more information about our right to acquire your units for either cash or common shares when you redeem them. If you receive cash, you will no longer have any interest in the operating partnership or Vornado, will not benefit from any subsequent increases in the price of the common shares and will not receive any future distributions from the operating partnership or Vornado, unless you currently own or acquire in the future additional common shares or units. If you receive common shares, you will become a shareholder of Vornado rather than a holder of units in the operating partnership. Although an investment in common shares is substantially equivalent to an investment in units in the operating partnership, there are some differences between ownership of units and ownership of common shares. These differences, some of which may be material to you, are discussed in "Comparison of Ownership of Units and Common Shares."

Real Estate Investments' Value and Income Fluctuate Due to Various Factors.

The value of real estate fluctuates depending on conditions in the general economy and the real estate business. These conditions may also limit our revenues and available cash.

The factors that affect the value of our real estate include, among other things:

- national, regional and local economic conditions;
- the consequences of any armed conflict involving, or terrorist attack against, the United States;

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- our ability to secure adequate insurance;
 - local conditions such as an oversupply of space or a reduction in demand for real estate in the area;
 - competition from other available space;
 - whether tenants consider a property attractive;
 - the financial condition of our tenants, including the extent of tenant bankruptcies or defaults;
 - whether we are able to pass some or all of any increased operating costs we experience through to tenants;
 - how well we manage our properties;
 - increased interest rates;
 - increases in real estate taxes and other expenses;
 - decreases in market rental rates;
 - the timing and costs associated with property improvements and rentals;
 - changes in taxation or zoning laws;
 - government regulations;
 - our failure to continue to qualify as a real estate investment trust;
 - availability of financing on acceptable terms or at all;
 - potential liability under environmental or other laws or regulations; and
 - general competitive factors.

The rents we receive and the occupancy levels at our properties may decline as a result of adverse changes in any of these factors. If our rental revenues decline, we generally would expect to have less cash available to distribute to our shareholders. In addition, some of our major expenses, including mortgage payments, real estate taxes and maintenance costs, generally do not decline when the related rents decline. If rents decline while costs remain the same, our income and funds available for distribution to our shareholders would decline.

We depend on leasing space to tenants on economically favorable terms and collecting rent from our tenants, who may not be able to pay.

Our financial results depend on leasing space in our properties to tenants on economically favorable terms. In addition, because substantially all of our income comes from rentals of real property, our income and funds available for distribution to our shareholders will decrease if a significant number of our tenants cannot pay their rent. If a tenant does not pay its rent, we might not be able to enforce our rights as landlord without delays and might incur substantial legal costs. For information regarding the bankruptcy of our tenants, see "—Bankruptcy of tenants may decrease our revenues and available cash" below.

Bankruptcy of tenants may decrease our revenues and available cash.

A number of companies, including some of our tenants, have declared bankruptcy in recent years, and other tenants may declare bankruptcy or become insolvent in the future. If a major tenant declares bankruptcy or becomes insolvent, the rental property where it leases space may have lower revenues and operational difficulties, and, in the case of our shopping centers, we may have difficulty leasing the

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remainder of the affected property. Our leases generally do not contain restrictions designed to ensure the creditworthiness of our tenants. As a result, the bankruptcy or insolvency of a major tenant could result in a lower level of funds from operations available for distribution to our shareholders.

U.S. Airways Group Inc. leases its headquarters in Washington, D.C. from us. U.S. Airways has been adversely affected by the downturn in air travel as a result of the terrorist attacks and economic decline. On August 11, 2002, U.S. Airways filed for protection under Chapter 11 of the U.S. Bankruptcy Code. Effective January 1, 2003, we agreed to amend our lease with U.S. Airways at Crystal City to (a) reduce the tenant's space by 90,732 square feet to 205,600 square feet, (b) reduce the annual escalated rent from \$36.00 to \$29.75 per square foot with 2.5% annual base rent escalations, (c) provide the tenant with up to \$1,200,000 of tenant allowances and (d) loan the tenant up to \$1,000,000 at 9% per annum for additional tenant improvements which is to be repaid over the lease term. This lease modification has been approved by the Bankruptcy Court.

Stop & Shop leases a number of our retail locations and guarantees the leases of a number of our former Bradlees retail locations. In February 2003, Koninklijke Ahold NV, parent of Stop & Shop, announced that it overstated its 2002 and 2001 earnings by at least \$500 million and is under investigation by the U.S. Justice Department and Securities and Exchange Commission. We cannot predict what effect, if any, this situation may have on Stop & Shop's ability to satisfy its obligation under the Bradlees, guarantees and rent for existing Stop & Shop leases aggregating approximately \$10.5 million per annum.

The risk that some of our tenants may declare bankruptcy is higher because of the September 11, 2001 terrorist attacks and the resulting decline in the economy. This is particularly true for our tenants that are dependent on the air or travel industries as a primary source of revenue.

Some of our potential losses may not be covered by insurance.

We carry comprehensive general liability and all risk property insurance (fire, flood, extended coverage and rental loss insurance) with respect to our assets and are at risk for financial loss in excess of the policies limits, which loss could be material.

Our all risk insurance policies in effect before September 11, 2001 did not expressly exclude coverage for hostile acts, except for acts of war. Since September 11, 2001 and prior to the enactment of the Terrorism Risk Insurance Act of 2002 as described below, insurance companies have for the most part excluded terrorist acts from coverage in all risk policies. We were generally unable to obtain all risk insurance that includes coverage for terrorist acts for policies we renewed during that period for each of our businesses. In 2002, we obtained \$200,000,000 of separate aggregate coverage for terrorist acts for each of our New York City office, Washington, D.C. office, Retail and Merchandise Mart businesses and \$60,000,000 for our Temperature Controlled Logistics business.

Our debt instruments, consisting of mortgage loans secured by our properties (which are generally non-recourse to us), the operating partnership's senior unsecured notes due 2007, and our revolving credit agreement, contain customary covenants requiring us to maintain insurance. There can be no assurance that the lenders under these instruments in place at that time will not take the position that since our all risk insurance policies differ from policies put into effect prior to September 11, 2001 as to coverage for terrorist acts, there are breaches of these debt instruments that allow the lenders to declare an event of default and accelerate repayment of debt. In addition, if lenders insist on coverage for these risks as it existed prior to September 11, 2001, it could adversely affect our ability to finance and/or refinance our properties and to expand our portfolio.

On November 26, 2002, the Terrorism Risk Insurance Act of 2002 was signed into law. Under this new legislation, through 2004 (with a possible extension through 2005), regulated insurers must offer coverage in their commercial property and casualty policies (including existing policies) for losses

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resulting from defined "acts of terrorism". As a result of the legislation, in March 2003, we obtained \$300 million of per occurrence coverage for Certified terrorist acts, as defined in the legislation, which includes \$60 million for Non-Certified Acts for our New York City office and Washington, D.C. office and \$100 million for Non-Certified Acts for our Merchandise Mart businesses. Additionally, in June 2003, we obtained for our Retail business \$500 million of per occurrence coverage for Certified terrorist acts, as defined in the legislation, which includes \$150 million for Non-Certified Acts. We maintain \$60 million of separate aggregate coverage for terrorist acts that we had in 2002 for our Temperature Controlled Logistics businesses (which has been renewed as of January 1, 2003). Therefore, we are at risk for financial loss in excess of these limits for terrorist acts as defined by the policies and the legislation, which loss could be material.

We may acquire or develop new properties, and this may create risks.

We may acquire or develop properties or acquire other real estate companies when we believe that an acquisition or development is consistent with our business strategies. We may not, however, succeed in consummating desired acquisitions or in completing developments on time or within our budget. We also might not succeed in leasing newly developed or acquired properties at rents sufficient to cover their costs of acquisition or development and operations.

We have experienced rapid growth in recent years, increasing our total assets from approximately \$565,000,000 at December 31, 1996 to approximately \$9,042,000,000 at March 31, 2003. This growth included the acquisition of Charles E. Smith Commercial Realty L.P. on January 1, 2002 which increased our total assets as of that date by \$2,506,000,000, of which \$1,758,000,000 is attributable to the acquisition of assets and \$748,000,000 is attributable to Charles E. Smith Commercial Realty L.P. becoming a wholly owned subsidiary of the operating partnership and therefore being consolidated rather than accounted for under the equity method. We may not be able to maintain a similar rate of growth in the future, or manage our past and any future growth effectively. Our failure to do so may have a material adverse effect on our financial condition and results of operations. Difficulties in integrating acquisitions may prove costly or time-consuming and could divert management's attention.

We may not be permitted to dispose of certain properties or pay down the debt associated with those properties when we might otherwise desire to do so without incurring additional costs.

As part of an acquisition of a property, we may agree with the seller that we will not dispose of the acquired properties or reduce the mortgage indebtedness on them for significant periods of time unless we pay certain of the resulting tax costs of the seller. These agreements could result in our holding on to properties that we would otherwise sell and not paying down or refinancing indebtedness that we would otherwise pay down or refinance.

It may be difficult to buy and sell real estate quickly, and transfer restrictions apply to some of our mortgaged properties.

Equity real estate investments are relatively difficult to buy and sell quickly. We therefore have limited ability to vary our portfolio promptly in response to changes in economic or other conditions. Some of our properties are mortgaged to secure payment of indebtedness. If we were unable to meet our mortgage payments, the lender could foreclose on the properties and we could incur a loss. In addition, if we wish to dispose of one or more of the mortgaged properties, we might not be able to obtain release of the lien on the mortgaged property. If a lender forecloses on a mortgaged property or if a mortgage lien prevents us from selling a property, our funds available for distribution to our shareholders could decline. For information relating to the mortgages on our properties, see "Management's Discussion and Analysis of Financial Condition and Results of Operations—Liquidity and Capital Resources" in our annual report on Form 10-K for the year ended December 31, 2002 and

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quarterly report on Form 10-Q for the quarter ended March 31, 2003 and the notes to our consolidated financial statements in the same reports.

A significant proportion of our properties are in the New York City/New Jersey and Washington, D.C. metropolitan areas and are affected by the economic cycles and risks inherent to those regions.

During 2002, 86% of our income before gains in sale of real estate and cumulative effect of change in accounting principle came from properties located in New Jersey and the New York City and Washington, D.C. metropolitan areas.

We may continue to concentrate a significant portion of our future acquisitions in New Jersey and the New York City and Washington, D.C. metropolitan areas. Like other real estate markets, the real estate markets in these areas have experienced economic downturns in the past, and we cannot predict how the current economic conditions will impact these markets in both the short and long term. Further declines in the economy or a decline in the real estate markets in these areas could hurt our financial performance and the value of our properties. The factors affecting economic conditions in these regions include:

- business layoffs or downsizing;
- industry slowdowns;
- relocations of businesses;
- changing demographics;
- increased telecommuting and use of alternative work places;
- financial performance and productivity of the publishing, advertising, financial, technology, retail, insurance and real estate industries;
- infrastructure quality; and
- any oversupply of or reduced demand for real estate.

It is impossible for us to assess the future effects of the current uncertain trends in the economic and investment climates of the New York City/New Jersey and Washington, D.C. regions, and more generally of the United States, on the real estate markets in these areas. If these conditions persist, they may adversely affect our businesses and future profitability.

On January 1, 2002, we completed the acquisition of the 66% interest in Charles E. Smith Commercial Realty L.P. that we did not previously own. The terms of the merger restrict our ability to sell or otherwise dispose of, or to finance or refinance, the properties formerly owned by Charles E. Smith Commercial Realty L.P., which could result in our inability to sell these properties at an opportune time and increased costs to us.

We have agreed to restrictions on our ability to sell, finance, refinance and, in some instances, pay down existing financing on the Charles E. Smith Commercial Realty L.P. properties for a period of up to 20 years, under a tax reporting and protection agreement that we entered into at the closing of the merger. This agreement prohibits us from taking these actions unless the operating partnership also pays the contributing partners based on their tax liabilities as a result of the sale. These arrangements may significantly reduce our ability to sell, finance or repay indebtedness secured by the subject properties or assets.

In addition, subject to limited exceptions, we are restricted from selling or otherwise transferring or disposing of certain properties located in the Crystal City area of Arlington, Virginia or an interest in our division that manages the majority of our office properties in the Washington, D.C. metropolitan area, which we refer to as the "Smith Division," for a period of 12 years with respect to certain

properties located in the Crystal City area of Arlington, Virginia or six years with respect to an interest in the Smith Division. These restrictions, which currently cover approximately 13.0 million square feet of space, could result in our inability to sell these properties or an interest in the Smith Division at an opportune time and increased costs to us.

We may incur costs to comply with environmental laws.

Our operations and properties are subject to various federal, state and local laws, ordinances and regulations concerning the protection of the environment, including air and water quality, hazardous substances and health and safety. Under certain of these environmental laws, a current or previous owner or operator of real estate may be required to investigate and clean up hazardous or toxic substances released at a property. The owner or operator may also be held liable to a governmental entity or to third parties for property damage or personal injuries and for investigation and clean-up costs incurred by those parties because of the contamination. These laws often impose liability without regard to whether the owner or operator knew of the release of the substances or caused the release. The presence of contamination or the failure to remediate contamination may impair our ability to sell or lease real estate or to borrow using the real estate as collateral. Other laws and regulations govern indoor and outdoor air quality including those that can require the abatement or removal of asbestos-containing materials in the event of damages, demolition, renovations or remodeling and also govern emissions of and exposure to asbestos fibers in the air. The maintenance and removal of lead paint and certain electrical equipment containing polychlorinated biphenyls (PCBs) and underground storage tanks are also regulated by federal and state laws. We could incur fines for environmental compliance and be held liable for the costs of remedial action with respect to the foregoing regulated substances or tanks or related claims arising out of environmental contamination or exposure at or from our properties.

Each of our properties has been subjected to varying degrees of environmental assessment at various times. The environmental assessments did not reveal any material environmental condition. However, identification of new compliance concerns or undiscovered areas of contamination, changes in the extent or known scope of contamination, discovery of additional sites, human exposure to the contamination or changes in cleanup or compliance requirements could result in significant costs to us.

Real estate is a competitive business.

Our business segments—Office, Retail, Merchandise Mart Properties, Temperature Controlled Logistics, and Other—operate in highly competitive environments. We have a large concentration of properties in the New York City metropolitan area and in the Washington, D.C. and Northern Virginia area. We compete with a large number of real estate property owners and developers. Principal factors of competition are rent charged, attractiveness of location and quality and breadth of services provided. Our success depends upon, among other factors, trends of the national and local economies, financial condition and operating results of current and prospective tenants and customers, availability and cost of capital, construction and renovation costs, taxes, governmental regulations, legislation and population trends.

The Terrorist Attacks of September 11, 2001 in New York City and the Washington, D.C. Area May Adversely Affect the Value of Our Properties and Our Ability to Generate Cash Flow.

There may be a decrease in demand for space in large metropolitan areas that are considered at risk for future terrorist attacks, and this decrease may reduce our revenues from property rentals.

We have significant investments in large metropolitan areas, including the New York/New Jersey, Washington, D.C. and Chicago metropolitan areas. In the aftermath of the terrorist attacks, tenants in these areas may choose to relocate their business to less populated, lower-profile areas of the United

States that are not as likely to be targets of future terrorist activity. This in turn would trigger a decrease in the demand for space in these areas, which could increase vacancies in our properties and force us to lease our properties on less favorable terms. As a result, the value of our properties and the level of our revenues could decline materially.

Our investment in Hotel Pennsylvania is dependent on the travel industry, and that investment has been and may continue to be impacted severely by the terrorist attacks and the current economic downturn.

Our investment in Hotel Pennsylvania is directly dependent on the travel industry generally and the number of visitors to New York City in particular. Since September 11, 2001, there has been a substantial decline in travel and tourism generally, and in particular in New York City. Accordingly, there has been a significant reduction in occupancy at Hotel Pennsylvania. As a result, revenues generated by this investment have been impacted severely by that decline, and we expect this impact on revenues to continue.

All of Our Temperature Controlled Logistics Warehouses Are Leased to One Tenant, and That Tenant Is Experiencing Operating Difficulties.

The operating partnership indirectly owns a 60% interest in a partnership, which we refer to as the "Vornado Crescent Portland Partnership," that owns 88 cold storage warehouses nationwide with an aggregate of approximately 441.5 million cubic feet of refrigerated, frozen and dry storage space. The Vornado Crescent Portland Partnership sold all of the non-real estate assets encompassing the operations of the temperature controlled business to a new partnership named AmeriCold Logistics owned 60% by Vornado Operating Company, which we refer to as "Vornado Operating," and 40% by Crescent Operating Inc. AmeriCold Logistics leases the underlying temperature controlled warehouses used in this business from the Vornado Crescent Portland Partnership, which continues to own the real estate. During 2002, AmeriCold Logistics generated approximately 4.5% of our income before gains on sale of real estate and cumulative effect of change in accounting principle. The leases, as amended, generally have a 15 year term with two five-year renewal options and provide for the payment of fixed base rent and percentage rent based on revenue AmeriCold Logistics receives from its customers. The contractual rent for 2002 was \$150,000,000. The landlord's share of annual maintenance capital expenditures is \$9,500,000. In accordance with the leases, AmeriCold Logistics deferred payment of \$32,248,000 of 2002 rent due to the landlord, of which our share was \$19,349,000 and \$5,627,000 of rent due for the three months ended March 31, 2003, of which our share was \$3,376,000. Based on the joint venture's policy of recognizing rental income when earned and collection is assured or cash is received, the joint venture did not recognize this rent in the year ended December 31, 2002 or the quarter ended March 31, 2003. At March 31, 2003, our share of the joint venture's total deferred rent receivable from the tenant is \$27,726,000. On December 31, 2001, the landlord released the tenant from its obligation to pay \$39,812,000 of rent deferred in 2001 and 2000, of which our share was \$23,887,000. This amount equaled the rent which was not recognized as income by the joint venture and accordingly had no profit and loss effect to us. On March 7, 2003, AmeriCold Logistics and the Landlord extended the deferred rent period to December 31, 2004 from December 31, 2003.

To the extent that the operations of AmeriCold Logistics may affect its ability to pay rent, including percentage rent due under the leases, we indirectly bear the risks associated with AmeriCold Logistics' cold storage business. The cold storage business is extremely competitive. Factors affecting AmeriCold Logistics' ability to compete include, among others, (a) warehouse locations, (b) customer mix and (c) availability, quality and price of additional services.

We May Not Be Able to Obtain Capital to Make Investments.

We depend primarily on external financing to fund the growth of our business. This is because one of the requirements of the Internal Revenue Code of 1986, as amended, for a REIT is that it distribute

90% of its net taxable income, excluding net capital gains, to its shareholders. Our access to debt or equity financing depends on banks' willingness to lend and on conditions in the capital markets. We and other companies in the real estate industry have experienced limited availability of bank loans and capital markets financing from time to time. Although we believe that we will be able to finance any investments we wish to make in the foreseeable future, financing other than what we already have available might not be available on acceptable terms.

For information about our available sources of funds, see "Management's Discussion and Analysis of Financial Condition and Results of Operations—Liquidity and Capital Resources" in our annual report on Form 10-K for the year ended December 31, 2002 and quarterly report on Form 10-Q for the quarter ended March 31, 2003 and the notes to the consolidated financial statements in the same reports.

Our Ownership Structure and Related-Party Transactions May Give Rise to Conflicts of Interest.

Steven Roth and Interstate Properties may exercise substantial influence over us. They and some of our other trustees and officers have interests or positions in other entities that may compete with us.

As of March 31, 2003, Interstate Properties, a New Jersey general partnership, and its partners owned approximately 12.9% of the common shares of Vornado and approximately 27.5% of the common stock of Alexander's, Inc., and beneficially owned approximately 7.9% of the common stock of Vornado Operating (approximately 17.0% assuming redemption of 447,017 units of Vornado Operating L.P., the operating subsidiary of Vornado Operating, that are beneficially owned by Interstate Properties and redeemable for common stock of Vornado Operating). Steven Roth, David Mandelbaum and Russell B. Wight, Jr. are the three partners of Interstate Properties. Mr. Roth is the Chairman of the Board and Chief Executive Officer of Vornado, the managing general partner of Interstate Properties, the Chief Executive Officer and a director of Alexander's and the Chairman of the Board and Chief Executive Officer of Vornado Operating. Mr. Wight is a trustee of Vornado and is also a director of both Alexander's and Vornado Operating. Mr. Mandelbaum is a trustee of Vornado and is also a director of Alexander's.

As of March 31, 2003, Vornado owned 33.1% of the outstanding common stock of Alexander's. Alexander's is a REIT engaged in leasing, managing, developing and redeveloping properties, focusing primarily on the locations where its department stores operated before they ceased operations in 1992. Alexander's has six properties, which are located in the New York City metropolitan area. Mr. Roth and Michael D. Fascitelli, the President and a trustee of Vornado, are directors of Alexander's. Messrs. Mandelbaum, Richard R. West and Wight are trustees of Vornado and are also directors of Alexander's.

Because of these overlapping interests, Mr. Roth and Interstate Properties may have substantial influence over Vornado, Alexander's and Vornado Operating and on the outcome of any matters submitted to Vornado's, Alexander's or Vornado Operating's shareholders for approval. In addition, certain decisions concerning our operations or financial structure may present conflicts of interest among Messrs. Roth, Mandelbaum and Wight and Interstate Properties and our other shareholders. In addition, Mr. Roth and Interstate Properties may in the future engage in a wide variety of activities in the real estate business which may result in conflicts of interest with respect to matters affecting Vornado, Alexander's or Vornado Operating, such as which of these entities or persons, if any, may take advantage of potential business opportunities, the business focus of these entities, the types of properties and geographic locations in which these entities make investments, potential competition between business activities conducted, or sought to be conducted, by Vornado, Interstate Properties, Alexander's and Vornado Operating, competition for properties and tenants, possible corporate transactions such as acquisitions and other strategic decisions affecting the future of these entities.

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Vornado currently manages and leases the real estate assets of Interstate Properties under a management agreement for which Vornado receives an annual fee equal to 4% of base rent and percentage rent and certain other commissions. The management agreement has a term of one year and is automatically renewable unless terminated by either of the parties on 60 days' notice at the end of the term. Vornado earned \$1,450,000 of management fees under the management agreement for the year ended December 31, 2002 and \$176,000 for the three months ended March 31, 2003. Because Vornado and Interstate Properties are controlled by the same persons, as described above, the terms of the management agreement and any future agreements between us and Interstate Properties may not be comparable to those we could have negotiated with an unaffiliated third party.

Vornado engages in transactions with Vornado Operating on terms that may or may not be comparable to those we could negotiate with unaffiliated third parties.

In October 1998, Vornado Operating was spun off from Vornado in order to own assets that Vornado could not itself own and conduct activities that Vornado could not itself conduct.

In addition to being trustees of Vornado, Messrs. Roth, Fascitelli, West and Wight are directors of Vornado Operating. Mr. Roth is also Chairman of the Board and Chief Executive Officer of Vornado Operating, Mr. Fascitelli is also President of Vornado Operating, and certain other members of Vornado's senior management hold corresponding positions with Vornado Operating.

The operating partnership entered into a \$75,000,000 unsecured revolving credit facility with Vornado Operating that expires on December 31, 2004. Borrowings under the revolving credit agreement bear interest at LIBOR plus 3%. The operating partnership receives an annual commitment fee equal to 1% on the average daily unused portion of the facility. Vornado Operating is not required to pay any amortization under the revolving credit agreement during its term. The revolving credit agreement prohibits Vornado Operating from incurring indebtedness to third parties, other than certain purchase money debt and certain other exceptions, and prohibits Vornado Operating from paying dividends. As of June 30, 2003, there was no outstanding balance under the revolving credit agreement.

The operating partnership and Vornado Operating are parties to an agreement under which, among other things, (a) the operating partnership will offer Vornado Operating, under certain circumstances, an opportunity to become the lessee of certain real property owned now or in the future by the operating partnership under mutually satisfactory lease terms and (b) Vornado Operating will not make any real estate investment or other investments known as REIT-qualified investments unless it first offers the operating partnership the opportunity to make the investment and the operating partnership has rejected that opportunity. Under this agreement, the operating partnership provides Vornado Operating with administrative, corporate, accounting, financial, insurance, legal, tax, data processing, human resources and operational services. For these services, Vornado Operating compensates the operating partnership in an amount determined in good faith by the operating partnership as the amount an unaffiliated third party would charge Vornado Operating for comparable services and reimburses the operating partnership for certain costs incurred and paid to third parties on behalf of Vornado Operating. Under this agreement, compensation for these services was approximately \$330,000, \$371,000 and \$330,000 for the years ended December 31, 2000, 2001 and 2002, respectively, and \$82,500 for the three months ended March 31, 2003. Vornado Operating and the operating partnership each have the right to terminate this agreement if the other party is in material default of the agreement or upon 90 days' written notice to the other party at any time after December 31, 2003. In addition, the operating partnership has the right to terminate this agreement upon a change in control of Vornado Operating.

Vornado Operating's restated certificate of incorporation specifies that one of its corporate purposes is to perform this agreement and, for so long as the agreement remains in effect, prohibits

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Vornado Operating from making any real estate investment or other REIT-qualified investment without first offering the opportunity to the operating partnership in the manner specified in this agreement.

We and Vornado Operating may enter into additional transactions in the future. Because we and Vornado Operating share common senior management and because a majority of our trustees also constitute the majority of the directors of Vornado Operating, the terms of the foregoing agreements and any future agreements between us and Vornado Operating may not be comparable to those we could have negotiated with an unaffiliated third party.

There may be conflicts of interest between Vornado and Alexander's.

As of March 31, 2003, Vornado owned 33.1% of the outstanding common stock of Alexander's. Alexander's is a REIT engaged in leasing, managing, developing and redeveloping properties, focusing primarily on the locations where its department stores operated before they ceased operations in 1992. Alexander's has six properties. Interstate Properties, which is further described above, owned an additional 27.5% of the outstanding common stock of Alexander's as of December 31, 2002. Mr. Roth, Chairman of the Board and Chief Executive Officer of Vornado, is Chief Executive Officer and a director of Alexander's, and Mr. Fascitelli, President and a trustee of Vornado, is President and a director of Alexander's. Messrs. Mandelbaum, West and Wight, trustees of Vornado, are also directors of Alexander's. Alexander's common stock is listed on the New York Stock Exchange under the symbol "ALX."

At March 31, 2003, the operating partnership had loans receivable from Alexander's of \$119,000,000 at an interest rate of 12.48%. These loans mature on the earlier of January 3, 2006 or the date that Alexander's Lexington Avenue construction loan is repaid in full. The operating partnership manages, develops and leases the Alexander's properties under management and development agreements and leasing agreements under which the operating partnership receives annual fees from Alexander's. These agreements have a one-year term expiring in March of each year, except that the Lexington Avenue management and development agreements have a term lasting until substantial completion of development of the Lexington Avenue property, and are all automatically renewable. Because Vornado and Alexander's share common senior management and because a majority of the trustees of Vornado also constitute the majority of the directors of Alexander's, the terms of the foregoing agreements and any future agreements between us and Alexander's may not be comparable to those we could have negotiated with an unaffiliated third party.

For a description of Interstate Properties' ownership of Vornado, Vornado Operating and Alexander's, see "—Steven Roth and Interstate Properties may exercise substantial influence over us. They and some of our other trustees and officers have interests or positions in other entities that may compete with us" above.

Archstone-Smith Trust provides services to us under agreements that were not negotiated at arm's length.

We have agreements with the Archstone-Smith Trust under which we lease office space to Archstone-Smith Trust and share the cost of certain office-related services with it that were not negotiated at arms' length. These agreements were entered into by Charles E. Smith Commercial Realty in 1997, before our January 1, 2002 acquisition of Charles E. Smith Commercial Realty, at a time when Mr. Smith and Mr. Kogod were in control of both Charles E. Smith Commercial Realty and the Charles E. Smith Residential Division of Archstone-Smith. Mr. Smith and Mr. Kogod, who became members of our board of trustees on January 1, 2002, are also trustees and shareholders of Archstone-Smith Trust.

Our Organizational and Financial Structure Gives Rise to Operational and Financial Risks.

We depend on our direct and indirect subsidiaries' dividends and distributions, and these subsidiaries' creditors and preferred security holders are entitled to payment of amounts payable to them by the subsidiaries before the subsidiaries may pay any dividends or distributions to us.

Substantially all of our assets consist of our partnership interests in the operating partnership. The operating partnership holds substantially all of its properties and assets through subsidiaries. The operating partnership therefore depends for substantially all of its cash flow on cash distributions to it by its subsidiaries, and we in turn depend for substantially all of our cash flow on cash distributions to us by the operating partnership. The creditors of each of our direct and indirect subsidiaries are entitled to payment of that subsidiary's obligations to them, when due and payable, before distributions may be made by that subsidiary to its equity holders. Thus, the operating partnership's ability to make distributions to holders of units depends on its subsidiaries' ability first to satisfy their obligations to their creditors and then to make distributions to the operating partnership. Likewise, our ability to pay dividends to holders of common and preferred shares depends on the operating partnership's ability first to satisfy its obligations to its creditors and make distributions payable to holders of preferred units and then to make distributions to us.

Furthermore, the holders of preferred units of the operating partnership are entitled to receive preferred distributions before payment of distributions to holders of common units of the operating partnership, including us. Thus, our ability to pay dividends to holders of our common shares depends on the operating partnership's ability first to satisfy its obligations to its creditors and make distributions payable to holders of preferred units and then to make distributions to us. There are currently 17 series of preferred units of the operating partnership not held by us that have preference over our common shares. The total liquidation value of these 17 series of preferred units is approximately \$1,494,061,000.

In addition, we may participate in any distribution of the assets of any of our direct or indirect subsidiaries upon the liquidation, reorganization or insolvency of the subsidiary, and consequently our shareholders may participate in those assets, only after the claims of the creditors, including trade creditors, and preferred security holders, if any, of the subsidiary are satisfied.

We have indebtedness, and this indebtedness may increase.

As of March 31, 2003, we had approximately \$5.092 billion in total debt outstanding. Our ratio of total debt to total enterprise value was 45%. When we say "enterprise value" in the preceding sentence, we mean market equity value of Vornado Realty Trust plus debt less cash. In the future, we may incur additional debt, and thus increase our ratio of total debt to total enterprise value, to finance acquisitions or property developments. We may review and modify our debt level from time to time without notice to or any vote of our shareholders.

Loss of our key personnel could harm our operations.

We are dependent on the efforts of Steven Roth, the Chairman of the Board of Trustees and Chief Executive Officer of Vornado, and Michael D. Fascitelli, the President of Vornado. While we believe that we could find replacements for these key personnel, the loss of their services could harm our operations.

We might fail to qualify or remain qualified as a REIT.

Although we believe that Vornado will remain organized and will continue to operate so as to qualify as a REIT for federal income tax purposes, we might fail to remain qualified in this way. Qualification as a REIT for federal income tax purposes is governed by highly technical and complex

provisions of the Internal Revenue Code for which there are only limited judicial or administrative interpretations. Vornado's qualification as a REIT also depends on various facts and circumstances that are not entirely within our control. In addition, legislation, new regulations, administrative interpretations or court decisions might significantly change the tax laws with respect to the requirements for qualification as a REIT or the federal income tax consequences of qualification as a REIT.

If, with respect to any taxable year, Vornado fails to maintain its qualification as a REIT, it could not deduct distributions to shareholders in computing its taxable income and would have to pay federal income tax on its taxable income at regular corporate rates. The federal income tax payable would include any applicable alternative minimum tax. If Vornado had to pay federal income tax, the amount of money available to distribute to shareholders would be reduced for the year or years involved, and Vornado would no longer be required to distribute money to shareholders. In addition, Vornado would also be disqualified from treatment as a REIT for the four taxable years following the year during which qualification was lost, unless Vornado was entitled to relief under the relevant statutory provisions. Although Vornado currently intends to operate in a manner designed to allow it to qualify as a REIT, future economic, market, legal, tax or other considerations may cause it to revoke the REIT election or fail to qualify as a REIT.

Vornado's charter documents and applicable law may hinder any attempt to acquire Vornado.

Generally, for Vornado to maintain its qualification as a REIT under the Internal Revenue Code, not more than 50% in value of the outstanding shares of beneficial interest of Vornado may be owned, directly or indirectly, by five or fewer individuals at any time during the last half of Vornado's taxable year. The Internal Revenue Code defines "individuals" for purposes of the requirement described in the preceding sentence to include some types of entities. Under Vornado's Amended and Restated Declaration of Trust, as amended, no person may own more than 6.7% of the outstanding common shares or 9.9% of the outstanding preferred shares, with some exceptions for persons who held common shares in excess of the 6.7% limit before Vornado adopted the limit and other persons approved by Vornado's Board of Trustees. These restrictions on transferability and ownership may delay, deter or prevent a change in control of Vornado or other transaction that might involve a premium price or otherwise be in the best interest of the shareholders. We refer to Vornado's Amended and Restated Declaration of Trust, as amended, as the "declaration of trust."

Vornado's Board of Trustees is divided into three classes of trustees. Trustees of each class are chosen for three-year staggered terms. Staggered terms of trustees may reduce the possibility of a tender offer or an attempt to change control of Vornado, even though a tender offer or change in control might be in the best interest of our shareholders.

Vornado's declaration of trust authorizes the Board of Trustees:

- to cause Vornado to issue additional authorized but unissued common shares or preferred shares;
- to classify or reclassify, in one or more series, any unissued preferred shares;
- to set the preferences, rights and other terms of any classified or reclassified shares that Vornado issues; and
- to increase, without shareholder approval, the number of shares of beneficial interest that Vornado may issue.

The Board of Trustees could establish a series of preferred shares whose terms could delay, deter or prevent a change in control of Vornado or other transaction that might involve a premium price or otherwise be in the best interest of our shareholders, although the Board of Trustees does not now

intend to establish a series of preferred shares of this kind. Vornado's declaration of trust and bylaws contain other provisions that may delay, deter or prevent a change in control of Vornado or other transaction that might involve a premium price or otherwise be in the best interest of our shareholders.

Under the Maryland General Corporation Law, as amended, which we refer to as the "MGCL," as applicable to real estate investment trusts, certain "business combinations," including certain mergers, consolidations, share exchanges and asset transfers and certain issuances and reclassifications of equity securities, between a Maryland real estate investment trust and any person who beneficially owns ten percent or more of the voting power of the trust's shares or an affiliate or an associate, as defined in the MGCL, of the trust who, at any time within the two-year period before the date in question, was the beneficial owner of ten percent or more of the voting power of the then outstanding voting shares of beneficial interest of the trust, which we refer to as an "interested shareholder," or an affiliate of the interested shareholder are prohibited for five years after the most recent date on which the interested shareholder becomes an interested shareholder. After that five-year period, any business combination of these kinds must be recommended by the board of trustees of the trust and approved by the affirmative vote of at least (a) 80% of the votes entitled to be cast by holders of outstanding shares of beneficial interest of the trust and (b) two-thirds of the votes entitled to be cast by holders of voting shares of the trust other than shares held by the interested shareholder with whom, or with whose affiliate, the business combination is to be effected, unless, among other conditions, the trust's common shareholders receive a minimum price, as defined in the MGCL, for their shares and the consideration is received in cash or in the same form as previously paid by the interested shareholder for its common shares. The provisions of the MGCL do not apply, however, to business combinations that are approved or exempted by the board of trustees of the trust before the interested shareholder becomes an interested shareholder, and a person is not an interested shareholder if the board of trustees approved in advance the transaction by which the person otherwise would have become an interested shareholder. In approving a transaction, the board may provide that its approval is subject to compliance, at or after the time of

approval, with any terms and conditions determined by the board. The Vornado board has adopted a resolution exempting any business combination between any trustee or officer of Vornado, or their affiliates, and Vornado. As a result, the trustees and officers of Vornado and their affiliates may be able to enter into business combinations with Vornado which may not be in the best interest of shareholders. With respect to business combinations with other persons, the business combination provisions of the MGCL may have the effect of delaying, deferring or preventing a change in control of Vornado or other transaction that might involve a premium price or otherwise be in the best interest of the shareholders. The business combination statute may discourage others from trying to acquire control of Vornado and increase the difficulty of consummating any offer.

The Number of Shares of Vornado and the Market for Those Shares Give Rise to Various Risks.

Vornado has many shares available for future sale, which could hurt the market price of our shares.

As of June 30, 2003, 28,143,854 of Vornado's common shares were reserved for issuance upon redemption of operating partnership units. Some of these shares may be sold in the public market after registration under the Securities Act under registration rights agreements between Vornado and some holders of units of the operating partnership. These shares may also be sold in the public market under Rule 144 under the Securities Act or other available exemptions from registration. In addition, we have reserved a number of common shares for issuance under our employee benefit plans, and these common shares will be available for sale from time to time. We have awarded shares of restrictive stock and granted options to purchase additional common shares to some of our executive officers and employees. We cannot predict the effect that future sales of our common shares, or the perception that sales of common shares could occur, will have on the market prices of the common shares.

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Changes in market conditions could hurt the market price of our shares.

The value of our shares depends on various market conditions, which may change from time to time. Among the market conditions that may affect the value of our shares are the following:

- the extent of institutional investor interest in Vornado;
- the reputation of REITs generally and the attractiveness of their equity securities in comparison to other equity securities, including securities issued by other real estate companies, and fixed income securities (including in connection with any possible change in the taxation of dividends, as discussed below);
- our financial condition and performance;
- prevailing interest rates; and
- general financial market conditions.

In particular, the Jobs and Growth Tax Relief and Reconciliation Act of 2003 which was signed into law by President Bush on May 28, 2003 provides favorable income tax rates for certain corporate dividends received by individuals through December 31, 2008. Under the Act, REIT dividends are not eligible for the preferential rates applicable to dividends unless the dividends are attributable to income that has been subject to corporate-level tax. As a result, substantially all of the distributions paid on our shares are not expected to qualify for such lower rates. This Act could cause stock in non-REIT corporations to be more attractive to investors than stock in REITs, which may negatively affect the value of and the market for our shares.

In addition, the stock market in recent years has experienced extreme price and volume fluctuations that have often been unrelated or disproportionate to the operating performance of companies.

Increased market interest rates may hurt the value of our shares.

We believe that investors consider the distribution rate on REIT shares, expressed as a percentage of the price of the shares, relative to market interest rates as an important factor in deciding whether to buy or sell the shares. If market interest rates go up, prospective purchasers of REIT shares may expect a higher distribution rate. Higher interest rates would not, however, result in more funds for us to distribute and, in fact, would likely increase our borrowing costs and might decrease our funds available for distribution. Thus, higher market interest rates could cause the market price of our shares to decline.

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VORNADO AND THE OPERATING PARTNERSHIP

Vornado is a fully-integrated real estate investment trust organized under the laws of Maryland. Vornado conducts its business through, and substantially all of its interests in properties are held by, the operating partnership. Vornado is the sole general partner of, and owned approximately 81% of the common limited partnership interest in, the operating partnership as of March 31, 2003.

The operating partnership currently owns directly or indirectly:

- Office Properties:
 - all or portions of 76 office properties in the New York City metropolitan area (primarily Manhattan) and in the Washington, D.C. and Northern Virginia area aggregating approximately 27.7 million square feet;

- Retail Properties:
 - 62 retail center properties in six states and Puerto Rico aggregating approximately 12.5 million square feet, including 1.8 million square feet built by tenants on land leased from Vornado;
- Merchandise Mart Properties:
 - the Merchandise Mart Properties portfolio containing approximately 8.6 million square feet, including the 3.4 million square foot Merchandise Mart in Chicago;
- Temperature Controlled Logistics:
 - a 60% interest in the Vornado Crescent Portland Partnership that owns 88 cold storage warehouses nationwide with an aggregate of approximately 441.5 million cubic feet of refrigerated space leased to AmeriCold Logistics;
- Other Real Estate Investments:
 - 33.1% of the outstanding common stock of Alexander's, Inc.;
 - the Hotel Pennsylvania in New York City consisting of a hotel portion containing 1,000,000 square feet with 1,700 rooms and a commercial portion containing 400,000 square feet of retail and office space;
 - a 22.5% interest in The Newkirk Master Limited Partnership, which owns office, retail and industrial properties and various debt interests in those properties;
 - eight dry warehouse/industrial properties in New Jersey containing approximately 2.0 million square feet; and
 - other investments including interests in other real estate, marketable securities and loans and rates receivable.

The principal executive offices of Vornado and the operating partnership are located at 888 Seventh Avenue, New York, New York 10019; telephone (212) 894-7000.

USE OF PROCEEDS

Vornado will not receive any cash proceeds from the issuance of the shares offered by this prospectus but will acquire units in the operating partnership in exchange for any shares that Vornado may issue to a redeeming unit holder.

REDEMPTION OF UNITS

You have the right to have your units redeemed in whole or in part by the operating partnership for cash equal to the fair market value, at the time of redemption, of one common share of Vornado for each unit redeemed. We have the right to issue you one common share for each unit tendered instead of paying the cash redemption amount. You may redeem units only in compliance with the securities laws, the Second Amended and Restated Agreement of Limited Partnership of the operating partnership, dated as of October 20, 1997, as amended, and the declaration of trust's limits on ownership of common shares. We refer to the Second Amended and Restated Agreement of Limited Partnership of the operating partnership, as amended, as the "partnership agreement."

You may exercise the right to redeem your units by providing a notice of redemption, substantially in the form attached as an exhibit to the partnership agreement, to the operating partnership, with a copy to Vornado. You may also be required to furnish the operating partnership and Vornado with certain other certificates and forms. The partnership agreement establishes some limitations on your right to redeem units. Unless we elect to assume and perform the operating partnership's obligation with respect to the redemption, as described below, you will receive cash on the specified redemption date from the operating partnership in an amount equal to the market value of the units to be redeemed. The "specified redemption date" with respect to your units will be either (a) in the case of a redemption that qualifies as a "block transfer" or that satisfies the "lack of actual trading" safe harbor from publicly traded partnership status, both as defined in the Treasury regulations under the Internal Revenue Code, the tenth business day after we receive your notice of redemption if our common shares are publicly traded or the thirtieth business day after we receive your notice of redemption if our common shares are not publicly traded, or (b) in the case of a redemption that does not qualify as a block transfer or satisfy the lack of actual trading safe harbor, a date up to 60 days after we receive your notice of redemption as determined by us in our sole discretion.

Furthermore, redemptions of class A units by the operating partnership pursuant to the redemption right discussed above, together with other transfers and redemptions of operating partnership units (other than certain of the redemptions or transfers qualifying as "private transfers" under the regulations under Section 7704 of the Internal Revenue Code), are limited in any one taxable year to 10% of the interests in capital or profits not held by Vornado or certain of its affiliates, and Vornado has the right and currently intends to refuse to permit certain redemptions and other transfers of operating partnership units that, when aggregated with prior redemptions and transfers, would exceed this limit.

When we say "business day," we mean a day that is not a Saturday, Sunday or other day on which commercial banks in New York, New York are authorized or required by law to close. The market value of a unit for the purpose of redemption will be equal to the average of the closing trading prices of a Vornado common share on the NYSE for the ten trading days before the day on which we received the notice of redemption or, if that day is not a business day, the first business day after that day.

Instead of the operating partnership's acquiring the units for cash, we have the right to acquire the units on the specified redemption date directly from you, in exchange for either the market value of the units in cash or for common shares. However, we do not have this right if the common shares are not publicly traded, as described below. If we acquire the units, we will become their owner. In either case, acquisition of the units by Vornado will be treated as a sale of the units by you to Vornado for federal income tax purposes. See "—Tax Consequences of Redemption—Tax Treatment of Redemption of Units" for information about the tax consequences of redeeming units to the redeeming unit holder.

If we determine to acquire the units in exchange for common shares, the total number of common shares to be paid to you will be equal to the product of the number of units times the conversion factor. See "Description of the Units and the Operating Partnership—Sales of Assets" for further

information about the conversion factor, which is 1.0 as of the date of this prospectus. Vornado currently anticipates that it generally will elect to acquire directly units tendered for redemption and to issue common shares in exchange for the units rather than pay cash, but we will decide whether to pay cash or issue common shares upon redemption of units when units are tendered for redemption.

When you redeem units, your right to receive distributions on the units so redeemed or exchanged will cease, unless the record date for a distribution was a date before the specified redemption date. You must redeem at least 1,000 units at a time, or all of your remaining units if you own less than 1,000 units. No redemption or exchange can occur if delivery of common shares on the specified redemption date to the unit holder seeking redemption would be prohibited either under Vornado's declaration of trust or under applicable federal or state securities laws as long as the common shares are publicly traded.

Each unit holder has agreed with Vornado under the partnership agreement that all units delivered for redemption must be delivered to the operating partnership or Vornado, as the case may be, free and clear of all liens. Neither Vornado nor the operating partnership will be under any obligation to acquire units if there are liens on the units. Each unit holder has also agreed to pay any state or local property transfer tax that is payable as a result of the transfer of his or her units to the operating partnership or Vornado.

If a unit holder assigns his or her units to another person, that person may redeem the units. In that case, the redemption price will be paid directly to that person and not to the unit holder.

If Vornado provides notice to the unit holders that it intends to make an extraordinary distribution of cash or property to its shareholders or to effect a merger, a sale of all or substantially all of its assets or any other similar extraordinary transaction, the right to redeem units will be exercisable during the period commencing on the date on which Vornado provides that notice and ending on either:

- if there is a record date to determine shareholders eligible to receive the extraordinary distribution or to vote upon the approval of the merger, sale or other extraordinary transaction, the record date; or
- if there is no record date of this kind, the date that is twenty days after the date on which Vornado provides notice of the extraordinary distribution or extraordinary transaction.

A holder must have held his or her units for at least one year from the date of issuance to have the right to redeem them under these circumstances. If this paragraph applies, the specified redemption date will be the sooner of:

- the tenth business day after the operating partnership receives the notice of redemption; or
- the business day immediately preceding the record date to determine shareholders eligible to receive the extraordinary distribution or vote on approval of the extraordinary transaction.

However, if the specified redemption date occurs in less than ten business days and the operating partnership elects to redeem the units for cash, the operating partnership will have up to ten business days after receiving the notice of redemption to deliver payment for the units.

If Vornado merges or consolidates with another company or sells all or substantially all of its assets as a whole and Vornado's shareholders are obligated to accept cash and/or debt obligations in full or partial payment for their common shares in the transaction, then the portion of the payment per unit payable upon redemption of the units that must be accepted in cash and/or debt obligations will be equal to an amount of cash equal to the sum of:

- the cash payable for one common share multiplied by the conversion factor; and

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- the value, on the date on which the transaction is consummated, of the debt obligations to be received with respect to one common share multiplied by the conversion factor.

The balance of the amount payable per unit when units are redeemed will be payable in an amount calculated consistently with the first paragraph of this section.

If the common shares are not publicly traded but another entity whose shares are publicly traded owns more than 50% of the shares of Vornado, the unit holders' right to redeem units will be determined by reference to the publicly traded stock of that majority owner of Vornado. In that case, the general partner of the operating partnership will have the right to elect to acquire the units to be redeemed for publicly traded stock of the majority owner of Vornado. If the common shares are not publicly traded and there is no majority owner of Vornado with publicly traded stock, the unit holders' right to redeem units would be based upon the net fair market value of the operating partnership's assets at the time the units are redeemed, as determined in good faith by Vornado. In that case, Vornado and the operating partnership would be obligated to pay for redeemed units in cash, payable on the thirtieth business day after Vornado receives the notice of redemption.

Registration Rights

Under the registration rights agreement between Vornado and the unit holders named in the agreement, which has been filed as an exhibit to the registration statement of which this prospectus forms a part, those unit holders have the right to demand registration of the common shares for which their units may be redeemed when they redeem their units, unless the shares they receive are already registered under an effective registration statement filed with the SEC. The registration rights agreement provides that Vornado will pay all expenses of registering the shares. The agreement also provides that the holders of the shares will pay any brokerage and sales commissions, fees and disbursements of counsel to the holders, accountants and other advisors, and any transfer taxes relating to the sale or disposition of the shares by the holders.

Tax Consequences of Redemption

The following discussion summarizes the material federal income tax considerations that may be relevant to a unit holder who redeems his or her units. This discussion only applies to unit holders that provide an affidavit to the operating partnership, at the time their units are redeemed, stating that the unit holder is not a foreign person and stating the unit holder's taxpayer identification number, under penalties of perjury.

You should consult your own tax advisors regarding the tax consequences to you of redeeming your units, including the federal, state, local and foreign tax consequences of redeeming units in your particular circumstances and potential changes in applicable laws.

Tax Treatment of Redemption of Units

If Vornado assumes and performs the redemption obligation, the partnership agreement provides that the redemption will be treated by Vornado, the operating partnership and the redeeming unit holder as a sale of units by the redeeming unit holder to Vornado at the time the units are redeemed. This sale will be fully taxable to the redeeming unit holder, and the redeeming unit holder will be treated as realizing for tax purposes an amount equal to the sum of:

- the cash or the value of the common shares received in the exchange; plus
- the amount of operating partnership liabilities allocable to the redeemed units at the time they are redeemed.

The amount of operating partnership liabilities considered in this calculation will include the operating partnership's share of the liabilities of some entities in which the operating partnership owns an interest. The determination of the amount of gain or loss is discussed more fully under "—Tax Treatment of Disposition of Units by Unit Holders Generally" below.

If Vornado does not elect to assume the obligation to redeem a unit holder's units, the operating partnership will redeem the units for cash. If the operating partnership redeems units for cash that Vornado contributes to the operating partnership for that purpose, the redemption likely would be treated for tax purposes as a sale of the units to Vornado in a fully taxable transaction, although this is not certain. If the redemption is treated that way for tax purposes, the redeeming unit holder would be treated as realizing an amount equal to the sum of:

- the cash received in the exchange; plus
- the amount of operating partnership liabilities allocable to the redeemed units at the time they are redeemed.

The amount of operating partnership liabilities considered in this calculation will include the operating partnership's share of the liabilities of some entities in which the operating partnership owns an interest. The determination of the amount of gain or loss if a redemption is treated as a sale for tax purposes is discussed more fully under "—Tax Treatment of Disposition of Units by Unit Holders Generally" below.

If, instead, the operating partnership chooses to redeem units for cash that is not contributed by Vornado for that purpose, the tax consequences would be the same as described in the previous paragraph with the following exception. If the operating partnership redeems less than all of a unit holder's units, the unit holder would not be permitted to recognize any loss occurring on the transaction and would recognize taxable gain only to the extent that the amount he or she would be treated as receiving, as described above, exceeded his or her adjusted basis in all of his or her units immediately before the redemption.

Potential Application of Disguised Sale Regulations to a Redemption of Units

A redemption of units may cause the original transfer of property to the operating partnership in exchange for units to be treated as a "disguised sale" of property. The Internal Revenue Code and the Treasury regulations under the Internal Revenue Code generally provide that, unless one of the prescribed exceptions is applicable, a partner's contribution of property to a partnership and a simultaneous or subsequent transfer of money or other consideration from the partnership to the partner, including the partnership's assumption of a liability or taking the property subject to a liability, will be presumed to be a sale, in whole or in part, of the property by the partner to the partnership. Further, the Treasury regulations provide generally that, in the absence of an applicable exception, if a partnership transfers money or other consideration to a partner within two years after the partner contributed property to the partnership, the transactions will be presumed to be a sale of the contributed property unless the facts and circumstances clearly establish that the transfers do not constitute a sale. The Treasury regulations also provide that if two years have passed between the time when the partner contributed property to the partnership and the time when the partnership transferred money or other consideration to the partner, the transactions will be presumed not to be a sale unless the facts and circumstances clearly establish that the transfers constitute a sale.

Accordingly, if the operating partnership redeems a unit, the Internal Revenue Service could contend that the redemption should be treated as a disguised sale because the redeeming unit holder will receive cash or common shares after having contributed property to the operating partnership. If the IRS took that position successfully, the issuance of the units in exchange for the contributed property could be taxable as a disguised sale under the Treasury regulations.

Tax Treatment of Disposition of Units by Unit Holders Generally

If a unit holder redeems units in a manner that is treated as a sale of the units, the gain or loss from the sale or other disposition will be based on the difference between:

- the amount considered realized for tax purposes; and
- the unit holder's tax basis in the units.

See "—Basis of Units" below for information about the tax basis of units.

If a unit holder sells units, the "amount realized" will be measured by the sum of:

- the cash and fair market value of other property received, including any common shares; plus
- the portion of the operating partnership's liabilities allocable to the units sold.

The amount of operating partnership liabilities considered in this calculation will include the operating partnership's share of the liabilities of some entities in which the operating partnership owns an interest.

A selling unit holder will recognize gain to the extent that the amount he or she realizes in the sale exceeds his or her basis in the units sold. It is possible that the amount of gain recognized or even the tax liability resulting from the gain could exceed the amount of cash and the value of any other property, including common shares, received in exchange for the units.

Except as described below, any gain recognized upon a sale or other disposition of units will be treated as gain attributable to the sale or disposition of a capital asset. To the extent, however, that the amount realized upon the sale of a unit attributable to a unit holder's share of "unrealized receivables" of the operating partnership, as defined in Section 751 of the Internal Revenue Code, exceeds the basis attributable to those assets, this excess will be treated as ordinary income. Unrealized receivables include, to the extent not previously included in operating partnership income, any rights to payment for services rendered or to be rendered. Unrealized receivables also include amounts that would be subject to recapture as ordinary income if the operating partnership had sold its assets at their fair market value at the time of the transfer of a unit.

For non-corporate holders, the maximum rate of tax on the net capital gain from the sale or exchange of a capital asset prior to January 1, 2009 is generally taxed at a maximum rate of 15% where the asset is held for more than one year. The maximum rate for net capital gains attributable to the sale of depreciable real property held for more than one year is 25% to the extent of the prior deductions for depreciation that are not otherwise recaptured as ordinary income under the existing depreciation recapture rules.

The IRS has authority to issue regulations that could, among other things, apply these rates on a look-through basis in the case of "pass-through" entities such as Vornado and the operating partnership. The IRS has not yet issued regulations of this kind. If it does not issue regulations of this kind in the future, the rate of tax that would apply to the disposition of a unit by a non-corporate holder would be determined based upon the period of time over which the non-corporate holder held the unit. The IRS might, however, issue regulations that would provide that the rate of tax that would apply to the disposition of a unit by a non-corporate holder would be determined based upon the nature of the assets of the operating partnership and the periods of time over which the operating partnership held the assets. Moreover, if the IRS adopts regulations of this kind, they might apply retroactively.

Basis of Units

In general, a unit holder who received units in exchange for contributing an interest in a partnership has an initial tax basis in the units equal to his or her basis in the contributed partnership interest. A unit holder's initial basis in his or her units generally is increased by:

- the unit holder's share of operating partnership taxable and tax-exempt income;
- increases in his or her share of the liabilities of the operating partnership, including the operating partnership's share of the liabilities of some entities in which the operating partnership owns an interest; and
- any gain recognized under Section 737 of the Internal Revenue Code due to the receipt of a distribution from the operating partnership within seven years after the unit holder contributed property to the operating partnership.

Generally, a unit holder's initial basis in his or her units is decreased by:

- his or her share of operating partnership distributions;
- decreases in his or her share of liabilities of the operating partnership, including the operating partnership's share of the liabilities of some entities in which the operating partnership owns an interest;
-

his or her share of losses of the operating partnership; and

- his or her share of nondeductible expenditures of the operating partnership that are not chargeable to capital.

However, a unit holder's initial basis will not decrease below zero.

DESCRIPTION OF COMMON SHARES

The following description of the material terms of the common shares of Vornado is only a summary and is qualified in its entirety by reference to the provisions governing the common shares contained in the declaration of trust, including all amendments and supplements to the declaration of trust, and bylaws of Vornado. Copies of the declaration of trust and bylaws are exhibits to the registration statement of which this prospectus is a part. See "Where You Can Find More Information" for information regarding how to obtain a copy of those documents.

Vornado's Authorized and Outstanding Classes of Shares

The declaration of trust authorizes the issuance of up to 540,000,000 shares of beneficial interest, consisting of:

- 200,000,000 common shares of beneficial interest, par value \$0.04 per share;
- 70,000,000 preferred shares of beneficial interest, without par value; and
- 270,000,000 excess shares of beneficial interest, par value \$0.04 per share.

Of the authorized 70,000,000 preferred shares, Vornado Realty Trust has designated:

- 5,789,239 as \$3.25 Series A Convertible Preferred Shares;
- 3,400,000 as 8.5% Series B Cumulative Redeemable Preferred Shares;
- 4,600,000 as 8.5% Series C Cumulative Redeemable Preferred Shares;
- 3,500,000 as Series D-1 8.5% Cumulative Redeemable Preferred Shares;
- 549,336 as 8.375% Series D-2 Cumulative Redeemable Preferred Shares;
- 8,000,000 as Series D-3 8.25% Cumulative Redeemable Preferred Shares;
- 5,000,000 as Series D-4 8.25% Cumulative Redeemable Preferred Shares;
- 7,480,000 as Series D-5 8.25% Cumulative Redeemable Preferred Shares;
- 1,000,000 as Series D-6 8.25% Cumulative Redeemable Preferred Shares;
- 7,200,000 as Series D-7 8.25% Cumulative Redeemable Preferred Shares;
- 360,000 as Series D-8 8.25% Cumulative Redeemable Preferred Shares; and
- 1,800,000 as Series D-9 8.25% Cumulative Redeemable Preferred Shares.

As of June 30, 2003, the following shares were issued and outstanding:

- 112,275,653 common shares;
- 1,436,623 Series A preferred shares;
- 3,400,000 Series B preferred shares; and
- 4,600,000 Series C preferred shares.

No Series D-1, Series D-2, Series D-3, Series D-4, Series D-5, Series D-6, Series D-7, Series D-8, or Series D-9 preferred shares were issued and outstanding as of June 30, 2003. Shares of each of these series may be issued in the future upon redemption of preferred units of limited partnership interest of the operating partnership of a corresponding series that were issued and outstanding as of June 30, 2003. No excess shares were issued and outstanding as of June 30, 2003.

Dividend and Voting Rights of Holders of Common Shares

The holders of common shares are entitled to receive dividends when, if and as authorized by the Vornado board and declared by Vornado out of assets legally available to pay dividends, if receipt of the dividends is in compliance with the provisions in the declaration of trust restricting the transfer of shares of beneficial interest. However, if any preferred shares are at the time outstanding, Vornado may only pay dividends or other distributions on common shares or purchase common shares if full cumulative dividends have been paid on outstanding preferred shares and there is no arrearage in any mandatory sinking fund on outstanding preferred shares. The terms of the series of preferred shares that are now issued and outstanding do not provide for any mandatory sinking fund.

The holders of common shares are entitled to one vote for each share on all matters on which shareholders are entitled to vote, including elections of trustees. There is no cumulative voting in the election of trustees, which means that the holders of a majority of the outstanding common shares can elect all of the trustees then standing for election. The holders of common shares do not have any conversion, redemption or preemptive rights to subscribe to any securities of Vornado. If Vornado is dissolved, liquidated or wound up, holders of common shares are entitled to share proportionally in any assets remaining after the prior rights of creditors, including holders of the indebtedness of Vornado Realty Trust, and the aggregate liquidation preference of any preferred shares then outstanding are satisfied in full.

The common shares have equal dividend, distribution, liquidation and other rights and have no preference, appraisal or exchange rights. All outstanding common shares are, and the common shares offered by this prospectus, upon issuance, will be, duly authorized, fully paid and non-assessable.

Restrictions on Ownership of Common Shares

The common shares beneficial ownership limit

For Vornado to maintain its qualification as a REIT under the Internal Revenue Code, not more than 50% of the value of its outstanding shares of beneficial interest may be owned, directly or indirectly, by five or fewer individuals at any time during the last half of a taxable year and the shares of beneficial interest must be beneficially owned by 100 or more persons during at least 335 days of a taxable year of 12 months, or during a proportionate part of a shorter taxable year. The Internal Revenue Code defines "individuals" to include some entities for purposes of the preceding sentence. All references to a shareholder's ownership of common shares in this section "—The common shares beneficial ownership limit" assume application of the applicable attribution rules of the Internal Revenue Code under which, for example, a shareholder is deemed to own shares owned by his or her spouse.

The declaration of trust contains a number of provisions that restrict the ownership and transfer of shares and are designed to safeguard Vornado against an inadvertent loss of its REIT status. These provisions also seek to deter non-negotiated acquisitions of, and proxy fights for, us by third parties. The declaration of trust contains a limitation that restricts, with some exceptions, shareholders from owning more than a specified percentage of the outstanding common shares. We call this percentage the "common shares beneficial ownership limit." The common shares beneficial ownership limit was initially set at 2.0% of the outstanding common shares. The Vornado board subsequently adopted a resolution raising the common shares beneficial ownership limit from 2.0% to 6.7% of the outstanding common shares and has the authority to grant exemptions from the common shares beneficial ownership limit. The shareholders who owned more than 6.7% of the common shares immediately after the merger of Vornado, Inc. into Vornado in May 1993 may continue to do so and may acquire additional common shares through stock option and similar plans or from other shareholders who owned more than 6.7% of the common shares immediately after that merger. However, common shares cannot be transferred if, as a result, more than 50% in value of the outstanding shares of Vornado

would be owned by five or fewer individuals. While the shareholders who owned more than 6.7% of the common shares immediately after the merger of Vornado, Inc. into Vornado in May 1993 are not generally permitted to acquire additional common shares from any other source, these shareholders may acquire additional common shares from any source if Vornado issues additional common shares, up to the percentage held by them immediately before Vornado issues the additional shares.

Shareholders should be aware that events other than a purchase or other transfer of common shares can result in ownership, under the applicable attribution rules of the Internal Revenue Code, of common shares in excess of the common shares beneficial ownership limit. For instance, if two shareholders, each of whom owns 3.5% of the outstanding common shares, were to marry, then after their marriage both shareholders would be deemed to own 7.0% of the outstanding common shares, which is in excess of the common shares beneficial ownership limit. Similarly, if a shareholder who owns 4.9% of the outstanding common shares were to purchase a 50% interest in a corporation which owns 4.8% of the outstanding common shares, then the shareholder would be deemed to own 7.3% of the outstanding common shares. You should consult your own tax advisors concerning the application of the attribution rules of the Internal Revenue Code in your particular circumstances.

The constructive ownership limit

Under the Internal Revenue Code, rental income received by a REIT from persons in which the REIT is treated, under the applicable attribution rules of the Code, as owning a 10% or greater interest does not constitute qualifying income for purposes of the income requirements that REITs must satisfy. For these purposes, a REIT is treated as owning any stock owned, under the applicable attribution rules of the Code, by a person that owns 10% or more of the value of the outstanding shares of the REIT. The attribution rules of the Code applicable for these purposes are different from those applicable with respect to the common shares beneficial ownership limit. All references to a shareholder's ownership of common shares in this section "—The constructive ownership limit" assume application of the applicable attribution rules of the Code.

In order to ensure that rental income of Vornado will not be treated as nonqualifying income under the rule described in the preceding paragraph, and thus to ensure that Vornado will not inadvertently lose its REIT status as a result of the ownership of shares by a tenant, or a person that holds an interest in a tenant, the declaration of trust contains an ownership limit that restricts, with some exceptions, shareholders from owning more than 9.9% of the outstanding shares of any class. We refer to this 9.9% ownership limit as the "constructive ownership limit." The shareholders who owned shares in excess of the constructive ownership limit immediately after the merger of Vornado, Inc. into Vornado in May 1993 generally are not subject to the constructive ownership limit. The declaration of trust also contains restrictions that are designed to ensure that the shareholders who owned shares in excess of the constructive ownership limit immediately after the merger of Vornado, Inc. into Vornado in May 1993 will not, in the aggregate, own a large enough interest in a tenant or subtenant of the REIT to cause rental income received, directly or indirectly, by the REIT from that tenant or subtenant to be treated as nonqualifying income for purposes of the income requirements that REITs must satisfy. The restrictions described in the preceding sentence have an exception for tenants and subtenants from whom the REIT receives, directly or indirectly, rental income that is not in excess of a specified threshold.

Shareholders should be aware that events other than a purchase or other transfer of shares can result in ownership, under the applicable attribution rules of the Internal Revenue Code, of shares in excess of the constructive ownership limit. As the attribution rules that apply with respect to the constructive ownership limit differ from those that apply with respect to the common shares beneficial ownership limit, the events other than a purchase or other transfer of shares which can result in share ownership in excess of the constructive ownership limit can differ from those which can result in share ownership in excess of the common shares beneficial ownership limit. You should consult your own tax

advisors concerning the application of the attribution rules of the Code in your particular circumstances.

Issuance of excess shares if the ownership limits are violated

The declaration of trust provides that a transfer of common shares that would otherwise result in ownership, under the applicable attribution rules of the Internal Revenue Code, of common shares in excess of the common shares beneficial ownership limit or the constructive ownership limit, or which would cause the shares of beneficial interest of Vornado to be beneficially owned by fewer than 100 persons, will have no effect and the purported transferee will acquire no rights or economic interest in the common shares. In addition, the declaration of trust provides that common shares that would otherwise be owned, under the applicable attribution rules of the Code, in excess of the common shares beneficial ownership limit or the constructive ownership limit will be automatically exchanged for excess shares. These excess shares will be transferred, by operation of law, to Vornado as trustee of a trust for the exclusive benefit of a beneficiary designated by the purported transferee or purported holder. While so held in trust, excess shares are not entitled to vote and are not entitled to participate in any dividends or distributions made by Vornado. Any dividends or distributions received by the purported transferee or other purported holder of the excess shares before Vornado discovers the automatic exchange for excess shares must be repaid to Vornado upon demand.

If the purported transferee or purported holder elects to designate a beneficiary of an interest in the trust with respect to the excess shares, he or she may designate only a person whose ownership of the shares will not violate the common shares beneficial ownership limit or the constructive ownership limit. When the designation is made, the excess shares will be automatically exchanged for common shares. The declaration of trust contains provisions designed to ensure that the purported transferee or other purported holder of the excess shares may not receive in return for transferring an interest in the trust with respect to the excess shares, an amount that reflects any appreciation in the common shares for which the excess shares were exchanged during the period that the excess shares were outstanding but will bear the burden of any decline in value during that period. Any amount received by a purported transferee or other purported holder for designating a beneficiary in excess of the amount permitted to be received must be turned over to Vornado. The declaration of trust provides that Vornado, or its designee, may purchase any excess shares that have been automatically exchanged for common shares as a result of a purported transfer or other event. The price at which Vornado, or its designee, may purchase the excess shares will be equal to the lesser of:

- in the case of excess shares resulting from a purported transfer for value, the price per share in the purported transfer that resulted in the automatic exchange for excess shares, or in the case of excess shares resulting from some other event, the market price of the common shares exchanged on the date of the automatic exchange for excess shares; and
- the market price of the common shares exchanged for the excess shares on the date that Vornado accepts the deemed offer to sell the excess shares.

The right of Vornado to buy the excess shares will exist for 90 days, beginning on the date that the automatic exchange for excess shares occurred or, if Vornado did not receive a notice concerning the purported transfer that resulted in the automatic exchange for excess shares, the date that the Vornado board determines in good faith that an exchange for excess shares has occurred.

Other provisions concerning the restrictions on ownership

The Vornado board may exempt persons from the common shares beneficial ownership limit or the constructive ownership limit, including the limitations applicable to holders who owned in excess of 6.7% of the common shares immediately after the merger of Vornado, Inc. into Vornado in May 1993, if evidence satisfactory to the Vornado board is presented showing that the exemption will not

jeopardize the status of Vornado as a REIT under the Internal Revenue Code. No exemption to a person that is an individual for purposes of Section 542(a)(2) of the Internal Revenue Code, however, may permit the individual to have beneficial ownership in excess of 9.9% of the outstanding shares of the class. Before granting an exemption of this kind, the Vornado board may require a ruling from the IRS, and/or an opinion of counsel satisfactory to it and/or representations and undertakings from the applicant with respect to preserving the REIT status of Vornado.

The foregoing restrictions on transferability and ownership will not apply if the Vornado board determines that it is no longer in the best interests of Vornado to attempt to qualify, or to continue to qualify, as a REIT.

All persons who own, directly or by virtue of the applicable attribution rules of the Internal Revenue Code, more than 2.0% of the outstanding common shares must give a written notice to Vornado containing the information specified in the declaration of trust by January 31 of each year. In addition, each shareholder will be required to disclose to Vornado upon demand any information that Vornado may request, in good faith, to determine the status of Vornado as a REIT or to comply with Treasury regulations promulgated under the REIT provisions of the Code.

The ownership restrictions described above may have the effect of precluding acquisition of control of Vornado unless the Vornado board determines that maintenance of REIT status is no longer in the best interests of Vornado.

Transfer Agent

The transfer agent for common shares of Vornado is Wachovia Bank, N.A., located in Charlotte, North Carolina.

FEDERAL INCOME TAX CONSIDERATIONS

The following discussion summarizes the taxation of Vornado Realty Trust and the material Federal income tax consequences to holders of the common shares for your general information only. It is not tax advice. The tax treatment of a holder of common shares will vary depending upon the holder's particular situation, and this discussion addresses only holders that hold common shares as capital assets and does not deal with all aspects of taxation that may be relevant to particular holders in light of their personal investment or tax circumstances. This section also does not deal with all aspects of taxation that may be relevant to certain types of holders to which special provisions of the Federal income tax laws apply, including:

- dealers in securities or currencies;
- traders in securities that elect to use a mark-to-market method of accounting for their securities holdings;
- banks;
- tax-exempt organizations;
- certain insurance companies;
- persons liable for the alternative minimum tax;
- persons that hold securities that are a hedge, that are hedged against currency risks or that are part of a straddle or conversion transaction; and
- U.S. shareholders whose functional currency is not the U.S. dollar.

This summary is based on the Internal Revenue Code, its legislative history, existing and proposed regulations under the Internal Revenue Code, published rulings and court decisions. This summary describes the provisions of these sources of law only as they are currently in effect. All of these sources of law may change at any time, and any change in the law may apply retroactively.

We urge you to consult with your own tax advisors regarding the tax consequences to you of acquiring, owning and selling common shares, including the federal, state, local and foreign tax consequences of acquiring, owning and selling common shares in your particular circumstances and potential changes in applicable laws.

Taxation of Vornado Realty Trust as a REIT

In the opinion of Sullivan & Cromwell LLP, commencing with its taxable year ended December 31, 1993, Vornado Realty Trust has been organized and operated in conformity with the requirements for qualification and taxation as a REIT under the Internal Revenue Code, and Vornado Realty Trust's proposed method of operation will enable it to continue to meet the requirements for qualification and taxation as a REIT under the Internal Revenue Code. Investors should be aware, however, that opinions of counsel are not binding upon the Internal Revenue Service or any court.

In providing its opinion, Sullivan & Cromwell LLP is relying,

- as to certain factual matters upon the statements and representations contained in certificates provided to Sullivan & Cromwell LLP by Vornado, Two Penn Plaza, REIT, Inc. and AmeriCold Corporation;
- without independent investigation, as to certain factual matters upon the statements and representations contained in the certificate provided to Sullivan & Cromwell LLP by Alexander's; and

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- without independent investigation, upon the opinion of Shearman & Sterling LLP concerning the qualification of Alexander's as a REIT for each taxable year commencing with its taxable year ended December 31, 1995.

In providing its opinion regarding the qualification of Alexander's as a REIT for Federal income tax purposes, Shearman & Sterling LLP is relying, as to certain factual matters, upon representations received from Alexander's.

Vornado's qualification as a REIT will depend upon the continuing satisfaction by Vornado and, given Vornado's current ownership interest in Alexander's, AmeriCold and Two Penn, by Alexander's, AmeriCold and Two Penn, of the requirements of the Internal Revenue Code relating to qualification for REIT status. Some of these requirements depend upon actual operating results, distribution levels, diversity of stock ownership, asset composition, source of income and record keeping. Accordingly, while Vornado intends to continue to qualify to be taxed as a REIT, the actual results of Vornado's, Two Penn's, AmeriCold's or Alexander's operations for any particular year might not satisfy these requirements. Neither Sullivan & Cromwell LLP nor Shearman & Sterling LLP will monitor the compliance of Vornado, Two Penn, AmeriCold or Alexander's with the requirements for REIT qualification on an ongoing basis.

The sections of the Internal Revenue Code applicable to REITs are highly technical and complex. The following discussion summarizes material aspects of these sections of the Internal Revenue Code.

As a REIT, Vornado generally will not have to pay Federal corporate income taxes on its net income that it currently distributes to shareholders. This treatment substantially eliminates the "double taxation" at the corporate and shareholder levels that generally results from investment in a regular corporation.

However, Vornado will have to pay Federal income tax as follows:

- First, Vornado will have to pay tax at regular corporate rates on any undistributed real estate investment trust taxable income, including undistributed net capital gains.
- Second, under certain circumstances, Vornado may have to pay the alternative minimum tax on its items of tax preference.
- Third, if Vornado has (a) net income from the sale or other disposition of "foreclosure property", as defined in the Internal Revenue Code, which is held primarily for sale to customers in the ordinary course of business or (b) other non-qualifying income from foreclosure property, it will have to pay tax at the highest corporate rate on that income.
- Fourth, if Vornado has net income from "prohibited transactions", as defined in the Internal Revenue Code, Vornado will have to pay a 100% tax on that income. Prohibited transactions are, in general, certain sales or other dispositions of property, other than foreclosure property, held primarily for sale to customers in the ordinary course of business.
- Fifth, if Vornado should fail to satisfy the 75% gross income test or the 95% gross income test, as discussed below under "—Requirements for Qualification—Income Tests", but has nonetheless maintained its qualification as a REIT because Vornado has satisfied some other requirements, it will have to pay a 100% tax on an amount equal to (a) the gross income attributable to the greater of (i) 75% of Vornado's gross income over the amount of gross income that is qualifying income for purposes of the 75% test, and (ii) 90% of Vornado's gross income (95% for taxable years ending before January 1, 2001) over the amount of gross income that is qualifying income for purposes of the 95% test, multiplied by (b) a fraction intended to reflect Vornado's profitability.

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- Sixth, if Vornado should fail to distribute during each calendar year at least the sum of (1) 85% of its real estate investment trust ordinary income for that year, (2) 95% of its real estate investment trust capital gain net income for that year and (3) any undistributed taxable income from prior periods, Vornado would have to pay a 4% excise tax on the excess of that required distribution over the amounts actually distributed.
- Seventh, if during the 10-year period beginning on the first day of the first taxable year for which Vornado qualified as a REIT, Vornado recognizes gain on the disposition of any asset held by Vornado as of the beginning of that period, then, to the extent of the excess of (a) fair market value of that asset as of the beginning of that period over (b) Vornado's adjusted basis in that asset as of the beginning of that period, Vornado will have to pay tax on that gain at the highest regular corporate rate. We refer to the excess of fair market value over adjusted basis described in the preceding sentence as "built-in gain."

Notwithstanding the taxation of built-in gain described in the preceding paragraph of this bullet point, Vornado will not have to pay tax on recognized built-in gain with respect to assets held as of the first day of the 10-year period beginning on the first day of the first taxable year for which Vornado qualified as a REIT, to the extent that the aggregate amount of that recognized built-in gain exceeds the net aggregate amount of Vornado's unrealized built-in gain as of the first day of that period.

- Eighth, if Vornado acquires any asset from a C corporation in certain transactions in which Vornado must adopt the basis of the asset or any other property in the hands of the C corporation as the basis of the asset in the hands of Vornado, and Vornado recognizes gain on the disposition of that asset during the 10-year period beginning on the date on which Vornado acquired that asset, then Vornado will have to pay tax on the built-in gain at the highest regular corporate rate. A C corporation means generally a corporation that has to pay full corporate-level tax.
- Ninth, for taxable years beginning after December 31, 2000, if Vornado receives non-arm's-length income from a taxable REIT subsidiary (as defined under "—Requirements for Qualification—Asset Tests"), or as a result of services provided by a taxable REIT subsidiary to tenants of Vornado, Vornado will be subject to a 100% tax on the amount of Vornado's non-arm's-length income.

Requirements for Qualification

The Internal Revenue Code defines a REIT as a corporation, trust or association

- which is managed by one or more trustees or directors;
- the beneficial ownership of which is evidenced by transferable shares, or by transferable certificates of beneficial interest;
- which would otherwise be taxable as a domestic corporation, but for Sections 856 through 859 of the Internal Revenue Code;
- which is neither a financial institution nor an insurance company to which certain provisions of the Internal Revenue Code apply;
- the beneficial ownership of which is held by 100 or more persons;
- during the last half of each taxable year, not more than 50% in value of the outstanding stock of which is owned, directly or constructively, by five or fewer individuals, as defined in the Internal Revenue Code to include certain entities; and
- which meets certain other tests, described below, regarding the nature of its income and assets.

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The Internal Revenue Code provides that the conditions described in the first through fourth bullet points above must be met during the entire taxable year and that the condition described in the fifth bullet point above must be met 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.

Vornado has satisfied the conditions described in the first through fifth bullet points of the preceding paragraph and believes that it has also satisfied the condition described in the sixth bullet point of the preceding paragraph. In addition, Vornado's declaration of trust provides for restrictions regarding the

ownership and transfer of Vornado's shares of beneficial interest. These restrictions are intended to assist Vornado in continuing to satisfy the share ownership requirements described in the fifth and sixth bullet points of the preceding paragraph. The ownership and transfer restrictions pertaining to the common shares are described in this prospectus under the heading "Description of Common Shares—Restrictions on Ownership of Common Shares."

Vornado owns a number of wholly owned corporate subsidiaries. Internal Revenue Code Section 856(i) provides that unless a REIT makes an election to treat the corporation as a taxable REIT subsidiary, a corporation which is a "qualified REIT subsidiary", as defined in the Internal Revenue Code, will not be treated as a separate corporation, and all assets, liabilities and items of income, deduction and credit of a qualified REIT subsidiary will be treated as assets, liabilities and items of these kinds of the REIT. Thus, in applying the requirements described in this section, Vornado's qualified REIT subsidiaries will be ignored, and all assets, liabilities and items of income, deduction and credit of these subsidiaries will be treated as assets, liabilities and items of these kinds of Vornado. Vornado believes that all of its wholly owned corporate subsidiaries are qualified REIT subsidiaries.

If a REIT is a partner in a partnership, Treasury regulations provide that the REIT will be deemed to own its proportionate share of the assets of the partnership and will be deemed to be entitled to the income of the partnership attributable to that share. In addition, the character of the assets and gross income of the partnership will retain the same character in the hands of the REIT for purposes of Section 856 of the Internal Revenue Code, including satisfying the gross income tests and the asset tests. Thus, Vornado's proportionate share of the assets, liabilities and items of income of any partnership in which Vornado is a partner, including the operating partnership, will be treated as assets, liabilities and items of income of Vornado for purposes of applying the requirements described in this section. Thus, actions taken by partnerships in which Vornado owns an interest either directly or through one or more tiers of partnerships or qualified REIT subsidiaries, can affect Vornado's ability to satisfy the REIT income and assets tests and the determination of whether Vornado has net income from prohibited transactions. See the fourth bullet point on page 31 for a discussion of prohibited transactions.

Income Tests.

In order to maintain its qualification as a REIT, Vornado annually must satisfy three gross income requirements.

- First, Vornado must derive at least 75% of its gross income, excluding gross income from prohibited transactions, for each taxable year directly or indirectly from investments relating to real property or mortgages on real property, including "rents from real property", as defined in the Internal Revenue Code, or from certain types of temporary investments. Rents from real property generally include expenses of Vornado that are paid or reimbursed by tenants.
- Second, at least 95% of Vornado's gross income, excluding gross income from prohibited transactions, for each taxable year must be derived from real property investments as described in the preceding bullet point, dividends, interest and gain from the sale or disposition of stock or securities, or from any combination of these types of source.

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- Third, for its taxable years before 1998, short-term gain from the sale or other disposition of stock or securities, gain from prohibited transactions and gain on the sale or other disposition of real property held for less than four years, apart from involuntary conversions and sales of foreclosure property, was required to represent less than 30% of Vornado's gross income, including gross income from prohibited transactions, for each of these taxable years.

Rents that Vornado receives will qualify as rents from real property in satisfying the gross income requirements for a REIT described above only if the rents satisfy several conditions.

- First, the amount of rent must not be based in whole or in part on the income or profits of any person. However, an amount received or accrued generally will not be excluded from rents from real property solely because it is based on a fixed percentage or percentages of receipts or sales.
- Second, the Internal Revenue Code provides that rents received from a tenant will not qualify as rents from real property in satisfying the gross income tests if the REIT, directly or under the applicable attribution rules, owns a 10% or greater interest in that tenant; except that for tax years beginning after December 31, 2000, rents received from a taxable REIT subsidiary, under certain circumstances qualify as rents from real property even if Vornado owns more than a 10% interest in the subsidiary. We refer to a tenant in which Vornado owns a 10% or greater interest as a "related party tenant."
- Third, if rent attributable to personal property leased in connection with a lease of real property is greater than 15% of the total rent received under the lease, then the portion of rent attributable to the personal property will not qualify as rents from real property.
- Finally, for rents received to qualify as rents from real property, the REIT generally must not operate or manage the property or furnish or render services to the tenants of the property, other than through an independent contractor from whom the REIT derives no revenue or through a taxable REIT subsidiary. However, Vornado may directly perform certain services that landlords usually or customarily render when renting space for occupancy only or that are not considered rendered to the occupant of the property.

Vornado does not derive significant rents from related party tenants. Vornado also does not and will not derive rental income attributable to personal property, other than personal property leased in connection with the lease of real property, the amount of which is less than 15% of the total rent received under the lease.

Vornado directly performs services for some of its tenants. Vornado does not believe that the provision of these services will cause its gross income attributable to these tenants to fail to be treated as rents from real property. If Vornado were to provide services to a tenant that are other than those landlords usually or customarily provide when renting space for occupancy only, amounts received or accrued by Vornado for any of these services will not be treated as rents from real property for purposes of the REIT gross income tests. However, the amounts received or accrued for these services will not cause other amounts received with respect to the property to fail to be treated as rents from real property unless the amounts treated as received in respect of the services, together with amounts received for certain management services, exceed 1% of all amounts received or accrued by Vornado during the taxable year with respect to the property. If the sum of the amounts received in respect of the services to tenants and management services described in the preceding sentence exceeds the 1% threshold, then all amounts received or accrued by Vornado with respect to the property will not qualify as rents from real property, even if Vornado provides the impermissible services to some, but not all, of the tenants of the property.

The term "interest" generally does not include any amount received or accrued, directly or indirectly, if the determination of that amount depends in whole or in part on the income or profits of

any person. However, an amount received or accrued generally will not be excluded from the term interest solely because it is based on a fixed percentage or percentages of receipts or sales.

If Vornado fails to satisfy one or both of the 75% or 95% gross income tests for any taxable year, it may nevertheless qualify as a REIT for that year if it satisfies the requirements of other provisions of the Internal Revenue Code that allow relief from disqualification as a REIT. These relief provisions will generally be available if:

- Vornado's failure to meet the income tests was due to reasonable cause and not due to willful neglect;
- Vornado attaches a schedule of the sources of its income to its Federal income tax return; and
- any incorrect information on the schedule was not due to fraud with intent to evade tax.

Vornado might not be entitled to the benefit of these relief provisions, however. As discussed in the fifth bullet point on page 31, even if these relief provisions apply, Vornado would have to pay a tax on the excess income.

Asset Tests.

Vornado, at the close of each quarter of its taxable year, must also satisfy three tests relating to the nature of its assets.

- First, at least 75% of the value of Vornado's total assets must be represented by real estate assets, including (a) real estate assets held by Vornado's qualified REIT subsidiaries, Vornado's allocable share of real estate assets held by partnerships in which Vornado owns an interest and stock issued by another REIT, (b) for a period of one year from the date of Vornado's receipt of proceeds of an offering of its shares of beneficial interest or publicly offered debt with a term of at least five years, stock or debt instruments purchased with these proceeds and (c) cash, cash items and government securities.
- Second, not more than 25% of Vornado's total assets may be represented by securities other than those in the 75% asset class.
- Third, for taxable years beginning after December 31, 2000, not more than 20% of Vornado's total assets may constitute securities issued by taxable REIT subsidiaries and of the investments included in the 25% asset class, the value of any one issuer's securities, other than securities issued by another REIT or by a taxable REIT subsidiary, owned by Vornado may not exceed 5% of the value of Vornado's total assets. Moreover, Vornado may not own more than 10% of the vote or value of the outstanding securities of any one issuer, except for issuers that are REITs, qualified REIT subsidiaries or taxable REIT subsidiaries, or debt instruments that are considered straight debt under a safe harbor provision of the Internal Revenue Code. For these purposes, a taxable REIT subsidiary is any corporation in which Vornado owns an interest that joins with Vornado in making an election to be treated as a "taxable REIT subsidiary" and certain subsidiaries of a taxable REIT subsidiary, if the subsidiaries do not engage in certain activities.
- Fourth, of the investments included in the 25% asset class, the value of any one issuer's securities, other than securities issued by another REIT, owned by Vornado may not exceed 5% of the value of Vornado's total assets and Vornado may not own more than 10% of any one issuer's outstanding voting securities.

The test described in the fourth bullet point above, and not that described in the third bullet point, will continue to apply for taxable years of Vornado that begin after December 31, 2000, only with respect to stock in any corporation owned by Vornado before July 12, 1999, so long as a taxable REIT

subsidiary election is not made with respect to the corporation and the corporation does not acquire substantial new assets or engage in a substantial new line of business and certain other conditions are satisfied.

Since March 2, 1995, Vornado has owned more than 10% of the voting securities of Alexander's. Since April of 1997, Vornado's ownership of Alexander's has been through the operating partnership rather than direct. Vornado's ownership interest in Alexander's will not cause Vornado to fail to satisfy the asset tests for REIT status so long as Alexander's qualified as a REIT for each of the taxable years beginning with its taxable year ended December 31, 1995 and continues to so qualify. In the opinion of Shearman & Sterling LLP, commencing with Alexander's taxable year ended December 31, 1995, Alexander's has been organized and operated in conformity with the requirements for qualification and taxation as a REIT under the Internal Revenue Code, and its proposed method of operation will enable it to continue to meet the requirements for qualification and taxation as a REIT under the Internal Revenue Code. In providing its opinion, Shearman & Sterling LLP is relying upon representations received from Alexander's.

Since April of 1997, Vornado has also owned, through the operating partnership, more than 10% of the voting securities of Two Penn. Vornado's indirect ownership interest in Two Penn will not cause Vornado to fail to satisfy the asset tests for REIT status so long as Two Penn qualifies as a REIT for its first taxable year and each subsequent taxable year. Vornado believes that Two Penn will also qualify as a REIT.

Annual Distribution Requirements.

Vornado, in order to qualify as a REIT, is required to distribute dividends, other than capital gain dividends, to its shareholders in an amount at least equal to (1) the sum of (a) 90% of Vornado's "real estate investment trust taxable income", computed without regard to the dividends paid deduction and Vornado's net

capital gain, and (b) 90% of the net after-tax income, if any, from foreclosure property minus (2) the sum of certain items of non-cash income.

For taxable years beginning before January 1, 2001, the required amount of distributions described above and below was 95% of the amount of Vornado's income or gain, as the case may be.

In addition, if Vornado disposes of any asset within 10 years of acquiring it, Vornado will be required to distribute at least 90% of the after-tax built-in gain, if any, recognized on the disposition of the asset.

These distributions must be paid in the taxable year to which they relate, or in the following taxable year if declared before Vornado timely files its tax return for the year to which they relate and if paid on or before the first regular dividend payment after the declaration.

To the extent that Vornado does not distribute all of its net capital gain or distributes at least 90%, but less than 100%, of its real estate investment trust taxable income, as adjusted, it will have to pay tax on those amounts at regular ordinary and capital gain corporate tax rates. Furthermore, if Vornado fails to distribute during each calendar year at least the sum of (a) 85% of its ordinary income for that year, (b) 95% of its capital gain net income for that year and (c) any undistributed taxable income from prior periods, Vornado would have to pay a 4% excise tax on the excess of the required distribution over the amounts actually distributed.

Vornado intends to satisfy the annual distribution requirements.

From time to time, Vornado may not have sufficient cash or other liquid assets to meet the 90% distribution requirement due to timing differences between (a) when Vornado actually receives income and when it actually pays deductible expenses and (b) when Vornado includes the income and deducts the expenses in arriving at its taxable income. If timing differences of this kind occur, in order to meet

the 90% distribution requirement, Vornado may find it necessary to arrange for short-term, or possibly long-term, borrowings or to pay dividends in the form of taxable stock dividends.

Under certain circumstances, Vornado may be able to rectify a failure to meet the distribution requirement for a year by paying "deficiency dividends" to shareholders in a later year, which may be included in Vornado's deduction for dividends paid for the earlier year. Thus, Vornado may be able to avoid being taxed on amounts distributed as deficiency dividends; however, Vornado will be required to pay interest based upon the amount of any deduction taken for deficiency dividends.

Failure to Qualify as a REIT

If Vornado fails to qualify for taxation as a REIT in any taxable year, and the relief provisions do not apply, Vornado will have to pay tax, including any applicable alternative minimum tax, on its taxable income at regular corporate rates. Vornado will not be able to deduct distributions to shareholders in any year in which it fails to qualify, nor will Vornado be required to make distributions to shareholders. In this event, to the extent of current and accumulated earnings and profits, all distributions to shareholders will be taxable to the shareholders as dividend income (which may be subject to tax at preferential rates) and corporate distributees may be eligible for the dividends received deduction if they satisfy the relevant provisions of the Internal Revenue Code. Unless entitled to relief under specific statutory provisions, Vornado will also be disqualified from taxation as a REIT for the four taxable years following the year during which qualification was lost. Vornado might not be entitled to the statutory relief described in this paragraph in all circumstances.

Taxation of Holders of Common Shares

U.S. Shareholders

As used in this section, the term "U.S. shareholder" means a holder of common shares who, for United States Federal income tax purposes, is

- a citizen or resident of the United States;
- a domestic corporation;
- an estate whose income is subject to United States Federal income taxation regardless of its source; or
- a trust if a United States court can exercise primary supervision over the trust's administration and one or more United States persons have authority to control all substantial decisions of the trust.

As long as Vornado qualifies as a REIT, distributions made by Vornado out of its current or accumulated earnings and profits, and not designated as capital gain dividends, will constitute dividends taxable to its taxable U.S. shareholders as ordinary income. Under recently enacted law, individual U.S. shareholders will be entitled to the new lower rate on dividends only for the portion of any distribution equal to Vornado's real estate investment trust taxable income (taking into account the dividends paid deduction available to Vornado) and realized built-in gains from Vornado's previous taxable year less any taxes paid by Vornado on these items during Vornado's previous taxable year. Individual U.S. shareholders should consult their own tax advisors to determine the impact of this new legislation. Distributions of this kind will not be eligible for the dividends received deduction in the case of U.S. shareholders that are corporations. Distributions made by Vornado that Vornado properly designates as capital gain dividends will be taxable to U.S. shareholders as gain from the sale of a capital asset held for more than one year, to the extent that they do not exceed Vornado's actual net capital gain for the taxable year, without regard to the period for which a U.S. shareholder has held his shares. Thus, with certain limitations, capital gain dividends received by an individual U.S. shareholder may be eligible for

preferential rates of taxation. U.S. shareholders that are corporations may, however, be required to treat up to 20% of certain capital gain dividends as ordinary income.

To the extent that Vornado makes distributions, not designated as capital gain dividends, in excess of its current and accumulated earnings and profits, these distributions will be treated first as a tax-free return of capital to each U.S. shareholder. Thus, these distributions will reduce the adjusted basis which the U.S. shareholder has in his shares for tax purposes by the amount of the distribution, but not below zero. Distributions in excess of a U.S. shareholder's adjusted basis in his shares will be taxable as capital gains, provided that the shares have been held as a capital asset. For purposes of determining the portion of distributions on separate classes of shares that will be treated as dividends for Federal income tax purposes, current and accumulated earnings and profits will be allocated to distributions resulting from priority rights of preferred shares before being allocated to other distributions.

Dividends authorized by Vornado in October, November, or December of any year and payable to a shareholder of record on a specified date in any of these months will be treated as both paid by Vornado and received by the shareholder on December 31 of that year, provided that Vornado actually pays the dividend on or before January 31 of the following calendar year. Shareholders may not include in their own income tax returns any net operating losses or capital losses of Vornado.

U.S. shareholders holding shares at the close of Vornado's taxable year will be required to include, in computing their long-term capital gains for the taxable year in which the last day of Vornado's taxable year falls, the amount that Vornado designates in a written notice mailed to its shareholders. Vornado may not designate amounts in excess of Vornado's undistributed net capital gain for the taxable year. Each U.S. shareholder required to include the designated amount in determining the shareholder's long-term capital gains will be deemed to have paid, in the taxable year of the inclusion, the tax paid by Vornado in respect of the undistributed net capital gains. U.S. shareholders to whom these rules apply will be allowed a credit or a refund, as the case may be, for the tax they are deemed to have paid. U.S. shareholders will increase their basis in their shares by the difference between the amount of the includible gains and the tax deemed paid by the shareholder in respect of these gains.

Distributions made by Vornado and gain arising from a U.S. shareholder's sale or exchange of shares will not be treated as passive activity income. As a result, U.S. shareholders generally will not be able to apply any passive losses against that income or gain.

When a U.S. shareholder sells or otherwise disposes of shares, the shareholder will recognize gain or loss for Federal income tax purposes in an amount equal to the difference between (a) the amount of cash and the fair market value of any property received on the sale or other disposition, and (b) the holder's adjusted basis in the shares for tax purposes. This gain or loss will be capital gain or loss if the U.S. shareholder has held the shares as a capital asset. The gain or loss will be long-term gain or loss if the U.S. shareholder has held the shares for more than one year. Long-term capital gain of an individual U.S. shareholder is generally taxed at preferential rates. In general, any loss recognized by a U.S. shareholder when the shareholder sells or otherwise disposes of shares of Vornado that the shareholder has held for six months or less, after applying certain holding period rules, will be treated as a long-term capital loss, to the extent of distributions received by the shareholder from Vornado which were required to be treated as long-term capital gains.

Backup Withholding.

Vornado will report to its U.S. shareholders and the IRS the amount of dividends paid during each calendar year, and the amount of tax withheld, if any. Under the backup withholding rules, backup withholding may apply to a shareholder with respect to dividends paid unless the holder (a) is a corporation or comes within certain other exempt categories and, when required, demonstrates this fact, or (b) provides a taxpayer identification number, certifies as to no loss of exemption from backup withholding, and otherwise complies with applicable requirements of the backup withholding rules. The

IRS may also impose penalties on a U.S. shareholder that does not provide Vornado with his correct taxpayer identification number. A shareholder may credit any amount paid as backup withholding against the shareholder's income tax liability. In addition, Vornado may be required to withhold a portion of capital gain distributions to any shareholders who fail to certify their non-foreign status to Vornado.

Taxation of Tax-Exempt Shareholders.

The IRS has ruled that amounts distributed as dividends by a REIT generally do not constitute unrelated business taxable income when received by a tax-exempt entity. Based on that ruling, provided that a tax-exempt shareholder is not one of the types of entity described in the next paragraph and has not held its shares as "debt financed property" within the meaning of the Internal Revenue Code, and the shares are not otherwise used in a trade or business, the dividend income from shares will not be unrelated business taxable income to a tax-exempt shareholder. Similarly, income from the sale of shares will not constitute unrelated business taxable income unless the tax-exempt shareholder has held the shares as "debt financed property" within the meaning of the Internal Revenue Code or has used the shares in a trade or business.

Income from an investment in Vornado's shares will constitute unrelated business taxable income for tax-exempt shareholders that are social clubs, voluntary employee benefit associations, supplemental unemployment benefit trusts, and qualified group legal services plans exempt from Federal income taxation under the applicable subsections of Section 501(c) of the Internal Revenue Code, unless the organization is able to properly deduct amounts set aside or placed in reserve for certain purposes so as to offset the income generated by its shares. Prospective investors of the types described in the preceding sentence should consult their own tax advisors concerning these "set aside" and reserve requirements.

Notwithstanding the foregoing, however, a portion of the dividends paid by a "pension-held REIT" will be treated as unrelated business taxable income to any trust which

- is described in Section 401(a) of the Internal Revenue Code;
- is tax exempt under Section 501(a) of the Internal Revenue Code; and
- holds more than 10% (by value) of the equity interests in the REIT.

Tax-exempt pension, profit-sharing and stock bonus funds that are described in Section 401(a) of the Internal Revenue Code are referred to below as "qualified trusts." A REIT is a "pension-held REIT" if:

- it would not have qualified as a REIT but for the fact that Section 856(h)(3) of the Internal Revenue Code provides that stock owned by qualified trusts will be treated, for purposes of the "not closely held" requirement, as owned by the beneficiaries of the trust (rather than by the trust itself); and
- either (a) at least one qualified trust holds more than 25% by value of the interests in the REIT or (b) one or more qualified trusts, each of which owns more than 10% by value of the interests in the REIT, hold in the aggregate more than 50% by value of the interests in the REIT.

The percentage of any REIT dividend treated as unrelated business taxable income to a qualifying trust is equal to the ratio of (a) the gross income of the REIT from unrelated trades or businesses, determined as though the REIT were a qualified trust, less direct expenses related to this gross income, to (b) the total gross income of the REIT, less direct expenses related to the total gross income. A *de minimis* exception applies where this percentage is less than 5% for any year. Vornado does not expect to be classified as a pension-held REIT.

The rules described above under the heading "U.S. shareholders" concerning the inclusion of Vornado's designated undistributed net capital gains in the income of its shareholders will apply to tax-exempt entities. Thus, tax-exempt entities will be allowed a credit or refund of the tax deemed paid by these entities in respect of the includible gains.

Non-U.S. Shareholders

The rules governing U.S. Federal income taxation of nonresident alien individuals, foreign corporations, foreign partnerships and estates or trusts that in either case are not subject to United States Federal income tax on a net income basis, which we call "non-U.S. shareholders", are complex. The following discussion is only a limited summary of these rules. Prospective non-U.S. shareholders should consult with their own tax advisors to determine the impact of U.S. Federal, state and local income tax laws with regard to an investment in common shares, including any reporting requirements.

Ordinary Dividends.

Distributions, other than distributions that are treated as attributable to gain from sales or exchanges by Vornado of U.S. real property interests, as discussed below, and other than distributions designated by Vornado as capital gain dividends, will be treated as ordinary income to the extent that they are made out of current or accumulated earnings and profits of Vornado. A withholding tax equal to 30% of the gross amount of the distribution will ordinarily apply to distributions of this kind to non-U.S. shareholders, unless an applicable tax treaty reduces that tax. However, if income from the investment in the shares is treated as effectively connected with the non-U.S. shareholder's conduct of a U.S. trade or business or is attributable to a permanent establishment that the non-U.S. shareholder maintains in the United States if that is required by an applicable income tax treaty as a condition for subjecting the non-U.S. shareholder to U.S. taxation on a net income basis, tax at graduated rates will generally apply to the non-U.S. shareholder in the same manner as U.S. shareholders are taxed with respect to dividends, and the 30% branch profits tax may also apply if the shareholder is a foreign corporation. Vornado expects to withhold U.S. tax at the rate of 30% on the gross amount of any dividends, other than dividends treated as attributable to gain from sales or exchanges of U.S. real property interests and capital gain dividends, paid to a non-U.S. shareholder, unless (a) a lower treaty rate applies and the required form evidencing eligibility for that reduced rate is filed with Vornado or the appropriate withholding agent or (b) the non-U.S. shareholder files an IRS Form W-8 ECI or a successor form with Vornado or the appropriate withholding agent claiming that the distributions are effectively connected with the non-U.S. shareholder's conduct of a U.S. trade or business.

Distributions to a non-U.S. shareholder that are designated by Vornado at the time of distribution as capital gain dividends which are not attributable to or treated as attributable to the disposition by Vornado of a U.S. real property interest generally will not be subject to U.S. Federal income taxation, except as described below.

Return of Capital.

Distributions in excess of Vornado's current and accumulated earnings and profits, which are not treated as attributable to the gain from Vornado's disposition of a U.S. real property interest, will not be taxable to a non-U.S. shareholder to the extent that they do not exceed the adjusted basis of the non-U.S. shareholder's shares. Distributions of this kind will instead reduce the adjusted basis of the shares. To the extent that distributions of this kind exceed the adjusted basis of a non-U.S. shareholder's shares, they will give rise to tax liability if the non-U.S. shareholder otherwise would have to pay tax on any gain from the sale or disposition of its shares, as described below. If it cannot be determined at the time a distribution is made whether the distribution will be in excess of current and accumulated earnings and profits, withholding will apply to the distribution at the rate applicable to dividends. However, the non-U.S. shareholder may seek a refund of these amounts from the IRS if it is

subsequently determined that the distribution was, in fact, in excess of current accumulated earnings and profits of Vornado.

Capital Gain Dividends.

For any year in which Vornado qualifies as a REIT, distributions that are attributable to gain from sales or exchanges by Vornado of U.S. real property interests will be taxed to a non-U.S. shareholder under the provisions of the Foreign Investment in Real Property Tax Act of 1980, as amended. Under this statute, these distributions are taxed to a non-U.S. shareholder as if the gain were effectively connected with a U.S. business. Thus, non-U.S. shareholders will be taxed on the distributions at the normal capital gain rates applicable to U.S. shareholders, subject to any applicable alternative minimum tax and special alternative minimum tax in the case of individuals. Vornado is required by applicable Treasury regulations under this statute to withhold 35% of any distribution that Vornado could designate as a capital gain dividend. However, if Vornado designates as a capital gain dividend a distribution made before the day Vornado actually effects the designation, then although the distribution may be taxable to a non-U.S. shareholder, withholding does not apply to the distribution under this statute. Rather, Vornado must effect the 35% withholding from distributions made on and after the date of the designation, until the distributions so withheld equal the amount of the prior distribution designated as a capital gain dividend. The non-U.S. shareholder may credit the amount withheld against its U.S. tax liability.

Sales of Shares.

Gain recognized by a non-U.S. shareholder upon a sale or exchange of common shares generally will not be taxed under the Foreign Investment in Real Property Tax Act if Vornado is a "domestically controlled REIT", defined generally as a REIT, less than 50% in value of whose stock is and was held directly or indirectly by foreign persons at all times during a specified testing period. Vornado believes that it is and will continue to be a domestically controlled REIT, and, therefore, that taxation under this statute generally will not apply to the sale of Vornado shares. However, gain to which this statute does not apply will be taxable to a non-U.S. shareholder if investment in the shares is treated as effectively connected with the non-U.S. shareholder's U.S. trade or business or is attributable to a permanent establishment that the non-U.S. shareholder maintains in the United States if that is required by an applicable income tax treaty as a condition for subjecting the non-U.S. shareholder to U.S. taxation on a net income basis. In this case, the same treatment will apply to the non-U.S. shareholder as to U.S. shareholders with respect to the gain. In addition, gain to which the Foreign Investment in Real Property Tax Act does not apply will be taxable to a non-U.S. shareholder if the non-U.S. shareholder is a nonresident alien individual who was present in the United States for 183 days or more during the taxable year and has a "tax home" in the United States, or maintains an office or a fixed place of business in the United States to which the gain is attributable. In this case, a 30% tax will apply to the nonresident alien individual's capital gains. A similar rule will apply to capital gain dividends to which this statute does not apply.

If Vornado were not a domestically controlled REIT, tax under the Foreign Investment in Real Property Tax Act would apply to a non-U.S. shareholder's sale of shares only if the selling non-U.S. shareholder owned more than 5% of the class of shares sold at any time during a specified period. This period is generally the shorter of the period that the non-U.S. shareholder owned the shares sold or the five-year period ending on the date when the shareholder disposed of the shares. If tax under this statute applies to the gain on the sale of shares, the same treatment would apply to the non-U.S. shareholder as to U.S. shareholders with respect to the gain, subject to any applicable alternative minimum tax and a special alternative minimum tax in the case of nonresident alien individuals.

Federal estate taxes.

Common shares held by a non-U.S. shareholder at the time of death will be included in the shareholder's gross estate for United States federal estate tax purposes, unless an applicable estate tax treaty provides otherwise.

Backup Withholding and Information Reporting.

If you are a non-U.S. shareholder, you are generally exempt from backup withholding and information reporting requirements with respect to:

- dividend payments and
- the payment of the proceeds from the sale of common shares effected at a United States office of a broker,

as long as the income associated with these payments is otherwise exempt from United States federal income tax, and:

- the payor or broker does not have actual knowledge or reason to know that you are a United States person and you have furnished to the payor or broker:
 - a valid Internal Revenue Service Form W-8BEN or an acceptable substitute form upon which you certify, under penalties of perjury, that you are a non-United States person, or
 - other documentation upon which it may rely to treat the payments as made to a non-United States person in accordance with U.S. Treasury regulations, or
- you otherwise establish an exemption.

Payment of the proceeds from the sale of common shares effected at a foreign office of a broker generally will not be subject to information reporting or backup withholding. However, a sale of common shares that is effected at a foreign office of a broker will be subject to information reporting and backup withholding if:

- the proceeds are transferred to an account maintained by you in the United States,
- the payment of proceeds or the confirmation of the sale is mailed to you at a United States address, or
- the sale has some other specified connection with the United States as provided in U.S. Treasury regulations,

unless the broker does not have actual knowledge or reason to know that you are a United States person and the documentation requirements described above are met or you otherwise establish an exemption.

In addition, a sale of common shares will be subject to information reporting if it is effected at a foreign office of a broker that is:

- a United States person,
- a controlled foreign corporation for United States tax purposes,
- a foreign person 50% or more of whose gross income is effectively connected with the conduct of a United States trade or business for a specified three-year period, or

- a foreign partnership, if at any time during its tax year:
 - one or more of its partners are "U.S. persons", as defined in U.S. Treasury regulations, who in the aggregate hold more than 50% of the income or capital interest in the partnership, or
 - such foreign partnership is engaged in the conduct of a United States trade or business,

unless the broker does not have actual knowledge or reason to know that you are a United States person and the documentation requirements described above are met or you otherwise establish an exemption. Backup withholding will apply if the sale is subject to information reporting and the broker has actual knowledge that you are a United States person.

You generally may obtain a refund of any amounts withheld under the backup withholding rules that exceed your income tax liability by filing a refund claim with the Internal Revenue Service.

Other Tax Consequences

State or local taxation may apply to Vornado and its shareholders in various state or local jurisdictions, including those in which it or they transact business or reside. The state and local tax treatment of Vornado and its shareholders may not conform to the Federal income tax consequences discussed above. Consequently, prospective shareholders should consult their own tax advisors regarding the effect of state and local tax laws on an investment in Vornado.

DESCRIPTION OF THE UNITS AND THE OPERATING PARTNERSHIP

The following description of the material terms of the units and some material provisions of the partnership agreement does not describe every aspect of the units or the partnership agreement and is only a summary of, and qualified in its entirety by reference to, applicable provisions of Delaware law and the partnership agreement. A copy of the partnership agreement is filed as an exhibit to the registration statement of which this prospectus is a part. See "Where You Can Find More Information" for information about how to obtain a copy of the partnership agreement. For a comparison of the voting rights and some other rights of unit holders in the operating partnership and shareholders of Vornado, see "Comparison of Ownership of Units and Common Shares."

The Operating Partnership's Outstanding Classes of Units

Holders of units, other than Vornado in its capacity as general partner, hold a limited partnership interest in the operating partnership. All holders of units, including Vornado in its capacity as general partner, are entitled to share in cash distributions from, and in the profits and losses of, the operating partnership.

Holders of units have the rights to which limited partners are entitled under the partnership agreement and the Delaware Revised Uniform Limited Partnership Act. The units are not registered under any federal or state securities laws, and they are not listed on any exchange or quoted on any national market system. The partnership agreement imposes restrictions on the transfer of units. See "—Restrictions on Transfers of Units by Limited Partners" below for further information about these restrictions.

As of June 30, 2003, there were outstanding:

- 1,436,623 series A preferred units;
- 3,400,000 series B pass-through preferred units;
- 4,600,000 series C pass-through preferred units;
- 899,566 series B-1 convertible preferred units;
- 449,783 series B-2 restricted convertible preferred units;
- 747,912 series C-1 convertible preferred units;
- 3,500,000 series D-1 preferred units;
- 549,336 series D-2 preferred units;
- 8,000,000 series D-3 preferred units;
- 5,000,000 series D-4 preferred units;
- 6,480,000 series D-5 preferred units;
- 840,000 series D-6 preferred units;
- 7,200,000 series D-7 preferred units;
- 360,000 series D-8 preferred units;

- 1,800,000 series D-9 preferred units;
- 4,998,000 series E-1 convertible preferred units;
- 400,000 series F-1 preferred units; and
- 130,661,767 class A units, including 18,386,114 not held by Vornado.

Distributions with Respect to Units

The partnership agreement provides for distributions, as determined in the manner provided in the partnership agreement, to Vornado and the limited partners in proportion to their percentage interests in the operating partnership, subject to the distribution preferences that are described in the next paragraph. As general partner of the operating partnership, Vornado has the exclusive right to declare and cause the operating partnership to make distributions as and when Vornado deems appropriate or desirable in its sole discretion. For so long as Vornado elects to qualify as a REIT, Vornado will make reasonable efforts, as determined by it in its sole discretion, to make distributions to partners in amounts such that Vornado will be able to pay shareholder dividends that will satisfy the requirements for qualification as a REIT and avoid any federal income or excise tax liability for Vornado.

Distributions vary among the holders of different classes of units:

- The series A preferred units entitle Vornado as their holder to a cumulative preferential distribution at an annual rate of \$3.25 per series A preferred unit, which we refer to as the "series A preferred distribution preference." The series A preferred units correspond to the series A preferred shares of Vornado.
- The series B pass-through preferred units entitle Vornado as their holder to a cumulative preferential distribution at an annual rate of \$2.125 per unit, which we call the "series B pass-through preferred distribution preference." The series B pass-through preferred units correspond to the series B preferred shares of Vornado.
- The series C pass-through preferred units entitle Vornado as their holder to a cumulative preferential distribution at an annual rate of \$2.125 per unit, which we call the "series C pass-through preferred distribution preference." The series C pass-through preferred units correspond to the series C preferred shares of Vornado.
- The series B-1 convertible preferred units entitle their holder to a preferential distribution at the annual rate of \$2.50 per unit, and the series B-2 restricted preferred units entitle their holders to a preferential distribution at the annual rate of \$4.00 per unit. We refer to these preferential distributions as the "series B-1 and B-2 preferred distribution preferences."
- The series C-1 preferred units entitle their holder to a preferential distribution at the annual rate of \$3.25 per unit, which we refer to as the "series C-1 preferred distribution preference."
- The series D-1 preferred units entitle their holder to a preferential distribution at the annual rate of \$2.125 per unit, which we refer to as the "series D-1 preferred distribution preference."
- The series D-2 preferred units entitle their holder to a preferential distribution at the annual rate of \$4.1875 per unit, which we refer to as the "series D-2 preferred distribution preference."
- The series D-3 preferred units entitle their holder to a preferential distribution at the annual rate of \$2.0625 per unit, which we refer to as the "series D-3 preferred distribution preference."
- The series D-4 preferred units entitle their holder to a preferential distribution at the annual rate of \$2.0625 per unit, which we refer to as the "series D-4 preferred distribution preference."
- The series D-5 preferred units entitle their holder to a preferential distribution at the annual rate of \$2.0625 per unit, which we refer to as the "series D-5 preferred distribution preference."
- The series D-6 preferred units entitle their holder to a preferential distribution at the annual rate of \$2.0625 per unit, which we refer to as the "series D-6 preferred distribution preference."
- The series D-7 preferred units entitle their holder to a preferential distribution at the annual rate of \$2.0625 per unit, which we refer to as the "series D-7 preferred distribution preference."

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- The series D-8 preferred units entitle their holder to a preferential distribution at the annual rate of \$2.0625 per unit, which we refer to as the "series D-8 preferred distribution preference."
 - The series D-9 preferred units entitle their holder to a preferential distribution at the annual rate of \$2.0625 per unit, which we refer to as the "series D-9 preferred distribution preference."
 - The series E-1 preferred units entitle their holder to a preferential distribution at the annual rate of (a) \$3.00 per unit for distributions paid in respect of the period from the date of issuance through, but excluding, the first anniversary of that date, (b) \$3.125 per unit for distributions paid in respect of the period from the first anniversary of the date of issuance through, but excluding, the second anniversary of that date, (c) \$3.25 per

unit for distributions paid in respect of the period from the second anniversary of the date of issuance through, but excluding, the seventh anniversary of the date of issuance and (d) \$3.375 per unit for distributions paid in respect of any period thereafter. We refer to this preferential distribution as the "series E-1 preferred distribution preference."

- The series F-1 preferred units entitle their holder to a preferential distribution at the annual rate of \$2.25 per unit, which we call the "series F-1 preferred distribution preference."

We sometimes refer to the series A preferred distribution preference, the series B pass-through preferred distribution preference, the series C pass-through preferred distribution preference, the series B-1 and B-2 preferred distribution preferences, the series C-1 preferred distribution preference, the series D-1 preferred distribution preference, the series D-2 preferred distribution preference, the series D-3 preferred distribution preference, the series D-4 preferred distribution preference, the series D-5 preferred distribution preference, the series D-6 preferred distribution preference, the series D-7 preferred distribution preference, the series D-8 preferred distribution preference, the series D-9 preferred distribution preference, the series E-1 preferred distribution preference and the series F-1 preferred distribution preference as the "preferred distribution preferences."

The value of each common unit, regardless of its class, equates to one common share of Vornado. Preferred units do not have a value equating to one common share, but have the liquidation preferences and conversion prices for conversion into class A units or terms for redemption for cash or corresponding preferred shares that are established in the partnership agreement.

The partnership agreement provides that the operating partnership will make distributions when, as and if declared by Vornado in the order of preference provided for in the partnership agreement. The order of preference in the partnership agreement provides that distributions will be paid first to Vornado as necessary to enable Vornado to pay REIT expenses. The partnership agreement defines "REIT expenses" to mean:

- costs and expenses relating to the continuity of existence of Vornado and any entity in which Vornado owns an equity interest;
- costs and expenses relating to any offer or registration of securities by Vornado;
- costs and expenses associated with preparing and filing periodic reports of Vornado under federal, state and local laws, including SEC filings;
- costs and expenses associated with Vornado's compliance with laws, rules and regulations applicable to it; and
- all other operating or administrative expenses incurred by Vornado in the ordinary course of its business.

After the operating partnership pays Vornado distributions as necessary to enable Vornado to pay REIT expenses, distributions will be paid:

- first, to holders of any class of preferred units ranking senior, as to distributions or redemption or voting rights, to class A units; and
- second, to holders of class A units.

Ranking of Units

The series A preferred units, series B pass-through preferred units, series C pass-through preferred units, series D-1 preferred units, series D-2 preferred units, series D-3 preferred units, series D-4 preferred units, series D-5 preferred units, series D-6 preferred units, series D-7 preferred units, series D-8 preferred units, series D-9 preferred units, series E-1 convertible preferred units and series F-1 preferred units rank senior to the class A units with respect to the payment of distributions and amounts upon liquidation, dissolution or winding up of the operating partnership. The series A preferred units, series B pass-through preferred units, series C pass-through preferred units, series B-1 convertible preferred units, series B-2 restricted preferred units, series C-1 preferred units, series D-1 preferred units, series D-2 preferred units, series D-3 preferred units, series D-4 preferred units, series D-5 preferred units, series D-6 preferred units, series D-7 preferred units, series D-8 preferred units, series D-9 preferred units, series E-1 preferred units, series F-1 preferred units and any other units designated as "parity units" all rank on a parity with each other, in each case with respect to the payment of distributions and amounts upon liquidation, dissolution or winding up of the operating partnership, without preference or priority of one over the other.

The series of preferred units have the following liquidation preferences:

- \$50.00 per series A preferred unit, series B-1 convertible preferred unit, series B-2 restricted preferred unit, series C-1 preferred unit, series D-2 preferred unit, and series E-1 convertible preferred unit;
- \$25.00 per series B pass-through preferred unit, series C pass-through preferred unit, series D-3 preferred unit, series D-4 preferred unit, series D-5 preferred unit and series F-1 preferred unit; and
- an amount per series D-1 preferred unit, series D-6 preferred unit, series D-7 preferred unit, series D-8 preferred unit and series D-9 preferred unit equal to the capital account of the unit. The capital account of the series D-1 preferred units, series D-6 preferred units, series D-7 preferred units, series D-8 preferred units and series D-9 preferred units is equal to an original capital contribution of \$25.00 per unit, adjusted from time to time to reflect the operating partnership's income, gains, losses and deductions that are allocated to the units and actual or deemed distributions to, or capital contributions by, the holders of the units.

From time to time as determined by Vornado, in its discretion, the operating partnership may create additional series of preference units or classes of other units senior to or on parity with the class A units with respect to the payment of distributions and amounts upon liquidation, dissolution or winding up of the partnership.

Redemption or Conversion of Units

The holders of class A units, other than Vornado or any subsidiary of Vornado, have the right to redeem their units for cash or, at Vornado's option, common shares. See "Redemption of Units" above for further information about this right.

The series A preferred units became redeemable at Vornado's option for class A units on April 1, 2001, and are convertible at Vornado's option into class A units at any time, provided that an

equivalent number of series A preferred shares are concurrently converted into common shares by their holders. The number of class A units into which the series A preferred units are redeemable or convertible is equal to the aggregate liquidation preference of the series A preferred units being redeemed or converted divided by their conversion price. The conversion price of the series A preferred units is now \$36.10 and may be adjusted from time to time to take account of stock dividends and other transactions.

The series B pass-through preferred units are redeemable at Vornado's option for cash equal to \$25.00 per unit and any accumulated and unpaid distributions owing in respect of the series B pass-through preferred units at any time beginning on March 17, 2004, provided that an equivalent number of series B preferred shares are concurrently redeemed by Vornado.

The series C pass-through preferred units are redeemable at Vornado's option for cash equal to \$25.00 per unit and any accumulated and unpaid distributions owing in respect of the series C pass-through preferred units at any time beginning on May 17, 2004, provided that an equivalent number of series C preferred shares are concurrently redeemed by Vornado.

The series B-1 convertible preferred units are redeemable at any time beginning on January 1, 2008 at Vornado's option for a number of class A units equal to the aggregate liquidation preference of the series B-1 convertible preferred units of \$50.00 per unit divided by the conversion price of the series B-1 convertible preferred units of \$54.7050. The series B-2 restricted preferred units are redeemable at any time beginning on January 1, 2008 at Vornado's option for cash of \$50 per unit. The series B-1 convertible preferred units and series B-2 restricted preferred units are convertible at any time at the option of their holders in groups of two series B-1 convertible preferred units and one series B-2 restricted preferred unit into a number of class A units equal to the aggregate series B-1 and B-2 preferred liquidation preferences of the units being converted divided by the conversion price of \$54.7050.

The series C-1 preferred units are perpetual and may be redeemed without penalty in whole or in part by the operating partnership at any time beginning on November 24, 2003 for 1.1431 class A units per series C-1 preferred unit, subject to anti-dilution adjustments. Holders of series C-1 preferred units have the right to convert all or a portion of their series C-1 preferred units at any time into class A units at the same rate.

The series D-1 preferred units are perpetual and may be redeemed without penalty in whole or in part by the operating partnership at any time beginning on November 12, 2003 for cash equal to \$25.00 per unit and any accumulated and unpaid distributions owing in respect of the series D-1 preferred units being redeemed. At any time beginning on November 12, 2008, or earlier upon the occurrence of specified events, holders of series D-1 preferred units will have the right to have their series D-1 preferred units redeemed by the operating partnership for either:

- cash equal to \$25.00 for each series D-1 preferred unit and any accumulated and unpaid distributions owing in respect of the series D-1 preferred units being redeemed; or
- at Vornado's option, one series D-1 8.5% cumulative redeemable preferred share of beneficial interest, no par value, of Vornado for each series D-1 preferred unit redeemed.

The series D-2 preferred units are perpetual and may be redeemed without penalty in whole or in part by the operating partnership at any time beginning on May 27, 2004 for cash equal to \$50.00 per unit and any accumulated and unpaid distributions owing in respect of the series D-2 units being redeemed. At any time beginning on May 27, 2009, or earlier upon the occurrence of specified events,

holders of series D-2 preferred units will have the right to have their series D-2 preferred units redeemed by the operating partnership for either:

- cash equal to \$50.00 for each series D-2 preferred unit and any accumulated and unpaid distributions owing in respect of the series D-2 preferred units being redeemed; or
- at Vornado's option, one series D-2 preferred share of Vornado for each series D-2 preferred unit redeemed.

The series D-3 preferred units are perpetual and may be redeemed without penalty in whole or in part by the operating partnership at any time beginning on September 3, 2004 for cash equal to \$25.00 per unit and any accumulated and unpaid distributions owing in respect of the series D-3 units being redeemed. At any time beginning on September 3, 2009, or earlier upon the occurrence of specified events, holders of series D-3 preferred units will have the right to have their series D-3 preferred units redeemed by the operating partnership for either:

- cash equal to \$25.00 for each series D-3 preferred unit and any accumulated and unpaid distributions owing in respect of the series D-3 preferred units being redeemed; or
- at Vornado's option, one series D-3 preferred share of Vornado for each series D-3 preferred unit redeemed.

The series D-4 preferred units are perpetual and may be redeemed without penalty in whole or in part by the operating partnership at any time beginning on September 3, 2004 for cash equal to \$25.00 per unit and any accumulated and unpaid distributions owing in respect of the series D-4 units being redeemed. At any time beginning on September 3, 2009, or earlier upon the occurrence of specified events, holders of series D-4 preferred units will have the right to have their series D-4 preferred units redeemed by the operating partnership for either:

- cash equal to \$25.00 for each series D-4 preferred unit and any accumulated and unpaid distributions owing in respect of the series D-4 preferred units being redeemed; or
- at Vornado's option, one series D-4 preferred share of Vornado for each series D-4 preferred unit redeemed.

The series D-5 preferred units are perpetual and may be redeemed without penalty in whole or in part by the operating partnership at any time beginning on November 24, 2004 for cash equal to \$25.00 per unit and any accumulated and unpaid distributions owing in respect of the series D-5 units being redeemed. At any time beginning on November 24, 2009, or earlier upon the occurrence of specified events, holders of series D-5 preferred units will have the right to have their series D-5 preferred units redeemed by the operating partnership for either:

- cash equal to \$25.00 for each series D-5 preferred unit and any accumulated and unpaid distributions owing in respect of the series D-5 preferred units being redeemed; or
- at Vornado's option, one series D-5 preferred share of Vornado for each series D-5 preferred unit redeemed.

The series D-6 preferred units are perpetual and may be redeemed without penalty in whole or in part by the operating partnership at any time beginning on May 1, 2005 for cash equal to \$25.00 per unit and any accumulated and unpaid distributions owing in respect of the series D-6 units being redeemed. At any time beginning on May 1, 2010, or earlier upon the occurrence of specified events, holders of series D-6 preferred units will have the right to have their series D-6 preferred units redeemed by the operating partnership for either:

- cash equal to \$25.00 for each series D-6 preferred unit and any accumulated and unpaid distributions owing in respect of the series D-6 preferred units being redeemed; or

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- at Vornado's option, one series D-6 preferred share of Vornado for each series D-6 preferred unit redeemed.

The series D-7 preferred units are perpetual and may be redeemed without penalty in whole or in part by the operating partnership at any time beginning on May 25, 2005 for cash equal to \$25.00 per unit and any accumulated and unpaid distributions owing in respect of the series D-7 units being redeemed. At any time beginning on May 25, 2010, or earlier upon the occurrence of specified events, holders of series D-7 preferred units will have the right to have their series D-7 preferred units redeemed by the operating partnership for either:

- cash equal to \$25.00 for each series D-7 preferred unit and any accumulated and unpaid distributions owing in respect of the series D-7 preferred units being redeemed; or
- at Vornado's option, one series D-7 preferred share of Vornado for each series D-7 preferred unit redeemed.

The series D-8 preferred units are perpetual and may be redeemed without penalty in whole or in part by the operating partnership at any time beginning on May 1, 2005 for cash equal to \$25.00 per unit and any accumulated and unpaid distributions owing in respect of the series D-8 units being redeemed. At any time beginning on May 1, 2010, or earlier upon the occurrence of specified events, holders of series D-8 preferred units will have the right to have their series D-8 preferred units redeemed by the operating partnership for either:

- cash equal to \$25.00 for each series D-8 preferred unit and any accumulated and unpaid distributions owing in respect of the series D-8 preferred units being redeemed; or
- at Vornado's option, one series D-8 preferred share of Vornado for each series D-8 preferred unit redeemed.

The series D-9 preferred units are perpetual and may be redeemed without penalty in whole or in part by the operating partnership at any time beginning on September 21, 2006 for cash equal to \$25.00 per unit and any accumulated and unpaid distributions owing in respect of the series D-9 units being redeemed. At any time beginning on September 21, 2011, or earlier upon the occurrence of specified events, holders of series D-9 preferred units will have the right to have their series D-9 preferred units redeemed by the operating partnership for either:

- cash equal to \$25.00 for each series D-9 preferred unit and any accumulated and unpaid distributions owing in respect of the series D-9 preferred units being redeemed; or
- at Vornado's option, one series D-9 preferred share of Vornado for each series D-9 preferred unit redeemed.

The series E-1 convertible preferred units are redeemable at any time beginning on March 3, 2004 at Vornado's option for cash equal to \$50.00 for each series E-1 convertible preferred unit and any accumulated and unpaid distributions owing in respect of the series E-1 convertible preferred units being redeemed. Since May 1, 2000, holders of series E-1 convertible preferred units have had the right to have their series E-1 convertible preferred units redeemed by the operating partnership for either:

- a number of class A units equal to the aggregate liquidation preferences of the series E-1 convertible preferred units being converted divided by the conversion price of \$44.00, subject to customary antidilution adjustments; or
- at the holder's option, cash equal to that same number of class A units multiplied by the value on the redemption date of one common share.

However, if a holder of series E-1 convertible preferred units elects to have its series E-1 convertible preferred units redeemed by the operating partnership for cash as described above, we, in

our sole and absolute discretion, may elect to satisfy this redemption right by delivering to such holder the same number of common shares as class A units required to be delivered by the operating partnership or the same amount of cash as required to be delivered by the operating partnership.

The operating partnership may redeem the series F-1 units on the first business day in January 2012 for class A units in an amount equal to the quotient of (a) the sum of the aggregate liquidation preference of the series F-1 units being redeemed and all accrued and unpaid distributions, divided by (b) the product of the value of a common share of Vornado and the applicable conversion factor, which is currently one. The holder of series F-1 preferred units has the right to have the units redeemed for either cash in an amount equal to the sum of the aggregate liquidation preference of the series F-1 units being redeemed plus any accumulated and unpaid distributions or, at Vornado's option subject to certain limitations, common shares in an amount equal to the amount of class A units described in the preceding sentence.

Formation of the Operating Partnership

The operating partnership was formed as a limited partnership under the Delaware Revised Uniform Limited Partnership Act on October 2, 1996. Vornado is the sole general partner of, and owned approximately 81% of the common limited partnership interest in, the operating partnership at March 31, 2003.

Purposes, Business and Management of the Operating Partnership

The purpose of the operating partnership includes the conduct of any business that may be lawfully conducted by a limited partnership formed under the Delaware Revised Uniform Limited Partnership Act, except that the partnership agreement requires the business of the operating partnership to be conducted in a manner that will permit Vornado to be classified as a REIT under Section 856 of the Internal Revenue Code, unless Vornado ceases to qualify as a REIT for any reason. In furtherance of its business, the operating partnership may enter into partnerships, joint ventures, limited liability companies or similar arrangements and may own interests in any other entity engaged, directly or indirectly, in any of the foregoing.

Vornado, as the general partner of the operating partnership, has the exclusive power and authority to conduct the business of the operating partnership, except that the consent of the limited partners is required in some limited circumstances discussed under "—Meetings and Voting" below. No limited partner may take part in the operation, management or control of the business of the operating partnership by virtue of being a holder of units.

In particular, the limited partners expressly acknowledge in the partnership agreement that the general partner is acting on behalf of the operating partnership and Vornado's shareholders collectively, and is under no obligation to consider the tax consequences to, or other separate interests of, limited partners when making decisions on behalf of the operating partnership. Except as required by lockup agreements, Vornado intends to make decisions in its capacity as general partner of the operating partnership taking into account the interests of Vornado and the operating partnership as a whole, independent of the tax effects on the limited partners. See "—Borrowing by the Operating Partnership" below for a discussion of lockup agreements. Vornado and its trustees and officers will have no liability to the operating partnership or to any partner or assignee for any losses sustained, liabilities incurred or benefits not derived as a result of errors in judgment or mistakes of fact or law or any act or omission if Vornado acted in good faith.

Ability of Vornado to Engage in Other Businesses; Conflicts of Interest

Vornado generally may not conduct any business other than through the operating partnership without the consent of the holders of a majority of the common limited partnership interests, excluding

the limited partnership interests held by Vornado. Other persons including officers, trustees, employees, agents and other affiliates of Vornado are not prohibited under the partnership agreement from engaging in other business activities and are not required to present any business opportunities to the operating partnership. In addition, the partnership agreement does not prevent another person or entity that acquires control of Vornado in the future from conducting other businesses or owning other assets, even though those businesses or assets may be ones that it would be in the best interests of the limited partners for the operating partnership to own.

Borrowing by the Operating Partnership

Vornado is authorized to cause the operating partnership to borrow money and to issue and guarantee debt as it deems necessary for the conduct of the activities of the operating partnership. The operating partnership's debt may be secured by mortgages, deeds of trust, liens or encumbrances on the operating partnership's properties. Vornado also may cause the operating partnership to borrow money to enable the operating partnership to make distributions, including distributions in an amount sufficient to permit Vornado to avoid the payment of any federal income tax.

From time to time in connection with acquisitions of properties or other assets in exchange for limited partner interests in the operating partnership, Vornado and the operating partnership have entered into contractual arrangements that impose restrictions on the operating partnership's ability to sell, finance, refinance and, in some instances, pay down existing financing on certain of the operating partnership's properties or other assets. These arrangements are sometimes referred to as "lockup agreements" and include, for example, arrangements in which the operating partnership agrees that it will not sell the property or other assets in question for a period of years unless the operating partnership also pays the contributing partner a portion of the federal income tax liability that will accrue to that partner as a result of the sale. Arrangements of this kind may significantly reduce the operating partnership's ability to sell, finance or repay indebtedness secured by the subject properties or assets. Vornado expects to cause the operating partnership to continue entering into transactions of this type in the future and may do so without obtaining the consent of any partners in the operating partnership.

Reimbursement of Vornado; Transactions with Vornado and Its Affiliates

Vornado does not receive any compensation for its services as general partner of the operating partnership. Vornado, however, as a partner in the operating partnership, has the same right to allocations and distributions with respect to the units it holds as other partners in the operating partnership holding the same classes of units. In addition, the operating partnership reimburses Vornado for all expenses it incurs relating to the ongoing operation of Vornado and any offering of additional partnership interests in the operating partnership, securities of Vornado or rights, options, warrants or convertible or exchangeable securities,

including expenses in connection with this registration of common shares for issuance in exchange for units if Vornado assumes the obligation to redeem units and elects to redeem them for common shares instead of cash when a limited partner in the operating partnership exercises the right to redeem units. See "Redemption of Units" above for further information about the right to redeem units.

Except as expressly permitted by the partnership agreement, the operating partnership will not, directly or indirectly, sell, transfer or convey any property to, or purchase any property from, or borrow funds from, or lend funds to, any partner in the operating partnership or any affiliate of the operating partnership or Vornado that is not also a subsidiary of the operating partnership, except in a transaction that has been approved by a majority of the disinterested trustees of Vornado, taking into account the fiduciary duties of Vornado to the limited partners of the operating partnership.

Liability of Vornado and Limited Partners

Vornado, as general partner of the operating partnership, is liable for all general recourse obligations of the operating partnership to the extent not paid by the operating partnership. Vornado is not liable for the nonrecourse obligations of the operating partnership.

The limited partners in the operating partnership are not required to make additional contributions to the operating partnership. Assuming that a limited partner does not take part in the control of the business of the operating partnership and otherwise complies with the provisions of the partnership agreement, the liability of a limited partner for obligations of the operating partnership under the partnership agreement and the Delaware Revised Uniform Limited Partnership Act will be limited, with some exceptions, generally to the loss of the limited partner's investment in the operating partnership represented by his or her units. Under the Delaware Revised Uniform Limited Partnership Act, a limited partner may not receive a distribution from the operating partnership if, at the time of the distribution and after giving effect to the distribution, the liabilities of the operating partnership, other than liabilities to parties on account of their interests in the operating partnership and liabilities for which recourse is limited to specified property of the operating partnership, exceed the fair value of the operating partnership's assets, other than the fair value of any property subject to nonrecourse liabilities of the operating partnership, but only to the extent of such liabilities. The Delaware Revised Uniform Limited Partnership Act provides that a limited partner who receives a distribution knowing at the time that it violates the foregoing prohibition is liable to the operating partnership for the amount of the distribution. Unless otherwise agreed, a limited partner in the circumstances described in the preceding sentence will not be liable for the return of the distribution after the expiration of three years from the date of the distribution.

The operating partnership has qualified to conduct business in the State of New York and may qualify in certain other jurisdictions. Maintenance of limited liability status may require compliance with legal requirements of those jurisdictions and some other jurisdictions. Limitations on the liability of a limited partner for the obligations of a limited partnership have not been clearly established in many jurisdictions. Accordingly, if it were determined that the right, or exercise of the right by the limited partners, to make some amendments to the partnership agreement or to take other action under the partnership agreement constituted "control" of the operating partnership's business for the purposes of the statutes of any relevant jurisdiction, the limited partners might be held personally liable for the operating partnership's obligations.

Exculpation and Indemnification of Vornado

The partnership agreement generally provides that Vornado, as general partner of the operating partnership, will incur no liability to the operating partnership or any limited partner for losses sustained, liabilities incurred or benefits not derived as a result of errors in judgment or mistakes of fact or law or any act or omission, if Vornado acted in good faith. In addition, Vornado is not responsible for any misconduct or negligence on the part of its agents, provided Vornado appointed those agents in good faith. Vornado may consult with legal counsel, accountants, appraisers, management consultants, investment bankers and other consultants and advisors, and any action it takes or omits to take in reliance upon the opinion of those persons, as to matters that Vornado reasonably believes to be within their professional or expert competence, will be conclusively presumed to have been done or omitted in good faith and in accordance with the opinion of those persons.

The partnership agreement also provides for indemnification of Vornado, the trustees and officers of Vornado and any other persons that Vornado may from time to time designate against any and all losses, claims, damages, liabilities, expenses, judgments, fines, settlements and other amounts incurred by an indemnified person in connection with any proceeding and related to the operating partnership or Vornado, the formation and operations of the operating partnership or Vornado or the ownership of

property by the operating partnership or Vornado, unless it is established by a final determination of a court of competent jurisdiction that:

- the act or omission of the indemnified person was material to the matter giving rise to the proceeding and either was committed in bad faith or was the result of active and deliberate dishonesty;
- the indemnified person actually received an improper personal benefit in money, property or services; or
- in the case of any criminal proceeding, the indemnified person had reasonable cause to believe that the act or omission was unlawful.

Sales of Assets

Under the partnership agreement, Vornado generally has the exclusive authority to determine whether, when and on what terms assets of the operating partnership will be sold, as long as any sale of a property covered by a lockup agreement complies with such agreement. The partnership agreement prohibits Vornado from engaging in any merger, consolidation or other combination with or into another person, sale of all or substantially all of its assets or any reclassification, recapitalization or change of the terms of any outstanding common shares unless, in connection with the transaction, all limited partners other than Vornado and entities controlled by Vornado will have the right to elect to receive, or will receive, for each unit an amount of cash, securities or other property equal to the conversion factor multiplied by the greatest amount of cash, securities or other property paid to a holder of shares of beneficial interest of Vornado, if any, corresponding to that unit in consideration of one share of that kind. We refer to transactions described in the preceding sentence as "termination

transactions." The conversion factor is initially 1.0, but will be adjusted as necessary to prevent dilution or inflation of the interests of limited partners that would result if Vornado were to pay a dividend on its outstanding shares of beneficial interest in shares of beneficial interest, subdivide its outstanding shares of beneficial interest or combine its outstanding shares of beneficial interest into a smaller number of shares, in each case without a corresponding issuance to, or redemption or exchange of interests held by, limited partners in the operating partnership.

See "—Borrowing by the Operating Partnership" above for information about lockup agreements which limit our ability to sell some of our properties.

Removal of the General Partner; Transfer of Vornado's Interests

The partnership agreement provides that the limited partners may not remove Vornado as general partner of the operating partnership with or without cause. The partnership agreement also generally prohibits Vornado from withdrawing as general partner of the operating partnership or transferring any of its interests in the operating partnership to any other person, except in each case, in connection with a termination transaction. In addition, the partnership agreement prohibits Vornado from engaging in any termination transaction unless all limited partners other than Vornado and entities controlled by Vornado will have the right in the termination transaction to elect to receive, or will receive, for each unit an amount of cash, securities or other property equal to the conversion factor multiplied by the greatest amount of cash, securities or other property paid to a holder of shares of beneficial interest of Vornado, if any, corresponding to that unit in consideration of one share of Vornado. The lock-up provisions and the gross-up provisions do not apply to a sale or other transfer by Vornado of its interests as a partner in the operating partnership, but they would apply to transfers of assets of the operating partnership undertaken during the period when the lock-up agreements are in effect as part of any sale or other transfer by Vornado of its interests as a partner in the operating partnership. See "—Borrowing by the Operating Partnership" for a description of the restrictions on transfers of assets under the lock-up agreements.

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The partnership agreement does not prevent a transaction in which another entity acquires control or all of the shares of Vornado nor does it prevent any holder of interests in Vornado from owning assets or conducting businesses outside of the operating partnership.

Restrictions on Transfers of Units by Limited Partners

Subject to the percentage limitations discussed below, a limited partner, other than Vornado, some members of the Mendik group and FW/Mendik REIT, is permitted to transfer all or any portion of his or her units without restriction, provided that the limited partner obtains Vornado's prior written consent, which Vornado may withhold only if (a) it determines in its sole discretion exercised in good faith that the transfer would cause the operating partnership or any or all of the partners other than the partner seeking to make the transfer to incur tax liability or (b) if it determines that any of the circumstances referred to in the next paragraph exist. In addition, limited partners other than Vornado or any subsidiary of Vornado are permitted to dispose of their units by exercising their right to redeem units as described under "Redemption of Units" above.

Vornado may withhold its consent to any proposed transfer (including any sale, assignment, gift, pledge, encumbrance or other disposition by law or otherwise, and including any redemption pursuant to the redemption rights described under "—Redemption or Conversion of Units" above) for a variety of reasons set forth in Article XI of the partnership agreement. These reasons include, without limitation, a determination by Vornado, in its sole and absolute discretion, that the transfer in question would (i) cause a termination of the operating partnership for tax purposes, (ii) cause the operating partnership to become a "party-in-interest" or a "disqualified person" with respect to any employee benefit plan subject to ERISA, (iii) cause the operating partnership to become a publicly-traded partnership (as defined in Section 469(k)(2) or Section 7704 of the Internal Revenue Code), (iv) cause the operating partnership to become subject to regulation under the Investment Company Act of 1940 or ERISA, (v) adversely affect the ability of Vornado to continue to qualify as a REIT or (vi) subject Vornado or the operating partnership to any additional taxes under Section 857 or Section 4981 of the Internal Revenue Code. In addition, no partner of the operating partnership may pledge or transfer any of its units to a lender to the operating partnership or any person who is related (within the meaning of Section 1.752-4(b) of the Treasury regulations) to any lender to the operating partnership whose loan constitutes a nonrecourse liability without the consent of Vornado, in its sole and absolute discretion, and without entering into an agreement with Vornado as described in the partnership agreement.

Transfers of operating partnership units (other than "private transfers" as defined in the regulations under the Internal Revenue Code) are limited in any one taxable year of the operating partnership to 2% of the interests in capital or profits not held by Vornado or certain of its affiliates, and Vornado has the right and currently intends to refuse to permit any attempted transfer of operating partnership units by a holder of such units that, when aggregated with prior redemptions and transfers by other holders of operating partnership units, would exceed this limit. In addition, redemptions of operating partnership units by the operating partnership pursuant to the redemption right of such units and transfers of operating partnership units to Vornado as a result of the assumption and performance by Vornado of the operating partnership's obligation with respect to the redemption right of units, together with other transfers and redemptions (other than certain of the redemptions or transfers qualifying as "private transfers" under the regulations under Section 7704 of the Internal Revenue Code), are limited in any one taxable year to 10% of the interests in capital or profits not held by Vornado or certain of its affiliates, and Vornado has the right and currently intends to refuse to permit certain redemptions and other transfers of operating partnership units that, when aggregated with prior redemptions and transfers, would exceed this limit.

Any permitted transferee of units may become a substituted limited partner only with the consent of Vornado, and Vornado may withhold its consent in its sole and absolute discretion. If Vornado does

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not consent to the admission of a transferee of units as a substituted limited partner, then the transferee will succeed to the economic rights and benefits attributable to the units, including the right to redeem units, but will not become a limited partner or possess any other rights of limited partners, including the right to vote.

No Withdrawal by Limited Partners

No limited partner has the right to withdraw from or reduce his or her capital contribution to the operating partnership, except as a result of the redemption, exchange or transfer of units under the terms of the partnership agreement.

Issuance of Limited Partnership Interests

Vornado is authorized, without the consent of the limited partners, to cause the operating partnership to issue limited partnership interests to Vornado, to the limited partners and to other persons for the consideration and upon the terms and conditions that Vornado deems appropriate. The operating partnership also may issue partnership interests in different series or classes. Units may be issued to Vornado only if Vornado issues shares of beneficial interest and contributes to the operating partnership the proceeds received by Vornado from the issuance of the shares. Consideration for partnership interests may be cash or any property or other assets permitted by the Delaware Revised Uniform Limited Partnership Act. Except to the extent expressly granted by Vornado on behalf of the partnership pursuant to another agreement, no limited partner has preemptive, preferential or similar rights with respect to capital contributions to the operating partnership or the issuance or sale of any partnership interests.

Meetings and Voting

Meetings of the limited partners may be proposed and called only by Vornado. Limited partners may vote either in person or by proxy at meetings. Any action that is required or permitted to be taken by the limited partners may be taken either at a meeting of the limited partners or without a meeting if consents in writing stating the action so taken are signed by limited partners owning not less than the minimum number of units that would be necessary to authorize or take the action at a meeting of the limited partners at which all limited partners entitled to vote on the action were present. On matters in which limited partners are entitled to vote, each limited partner, including Vornado to the extent it holds units, will have a vote equal to the number of common units he or she holds. At this time, there is no voting preference among the classes of common units. The preferred units have no voting rights, except as required by law or the terms of a particular series of preferred units. A transferee of units who has not been admitted as a substituted limited partner with respect to his or her transferred units will have no voting rights with respect to those units, even if the transferee holds other units as to which he or she has been admitted as a limited partner, and units owned by the transferee will be deemed to be voted on any matter in the same proportion as all other interests held by limited partners are voted. The partnership agreement does not provide for annual meetings of the limited partners, and Vornado does not anticipate calling such meetings.

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Amendment of the Partnership Agreement

Amendments to the partnership agreement may be proposed only by Vornado. Vornado generally has the power, without the consent of any limited partners, to amend the partnership agreement as may be required to reflect any changes to the agreement that Vornado deems necessary or appropriate in its sole discretion, provided that the amendment does not adversely affect or eliminate any right granted to a limited partner that is protected by the special voting provisions described below. Limitations on Vornado's power to amend the partnership agreement are described below.

The partnership agreement provides that it generally may not be amended with respect to any partner adversely affected by the amendment without the consent of that partner if the amendment would:

- convert a limited partner's interest into a general partner's interest;
- modify the limited liability of a limited partner;
- amend Section 7.11.A, which prohibits Vornado from taking any action in contravention of an express prohibition or limitation in the partnership agreement without the written consent of all partners adversely affected by the action or any lower percentage of the limited partnership interests that may be specifically provided for in the partnership agreement or under the Delaware Revised Uniform Limited Partnership Act;
- amend Article V, which governs distributions, Article VI, which governs allocations of income and loss for capital account purposes, or Section 13.2.A(3), which provides for distributions, after payment of partnership debts, among partners according to their capital accounts upon a winding up of the operating partnership;
- amend Section 8.6, which provides redemption rights; or
- amend the provision being described in this paragraph.

In addition, except with the consent of a majority of the common limited partners, excluding Vornado and entities controlled by Vornado, Vornado may not amend:

- Section 4.2.A, which authorizes issuance of additional limited partnership interests;
- Section 5.1.C, which requires that if Vornado is not a REIT or a publicly traded entity it must for each taxable year make cash distributions equal to at least 95% of the operating partnership's taxable income;
- Section 7.5, which prohibits Vornado from conducting any business other than in connection with the ownership of interests in the operating partnership except with the consent of a majority of the common limited partners, excluding Vornado and any entity controlled by Vornado;
- Section 7.6, which limits the operating partnership's ability to enter into transactions with affiliates;
- Section 7.8, which establishes limits on Vornado's liabilities to the operating partnership and the limited partners;
- Section 11.2, which limits Vornado's ability to transfer its interests in the operating partnership;
- Section 13.1, which describes the manner and circumstances in which the operating partnership will be dissolved;
- Section 14.1.C, which establishes the limitations on amendments being described in this paragraph; or

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- Section 14.2, which establishes the rules governing meetings of partners.

In addition, any amendment that would affect those lockup agreements that are part of the partnership agreement requires the consent of 75% of the limited partners benefited by those lockup agreements, with some exceptions. See "—Borrowing by the Operating Partnership" above for information about the lockup agreements.

Books and Reports

Vornado is required to keep the operating partnership's books and records at the principal office of the operating partnership. The books of the operating partnership are required to be maintained for financial and tax reporting purposes on an accrual basis in accordance with generally accepted accounting principles, which we refer to as "GAAP." The limited partners have the right, with some limitations, to receive copies of the most recent annual and quarterly reports filed with the SEC by Vornado, the operating partnership's federal, state and local income tax returns, a list of limited partners, the partnership agreement and the partnership certificate and all amendments to the partnership certificate. Vornado may keep confidential from the limited partners any information that Vornado believes to be in the nature of trade secrets or other information whose disclosure Vornado in good faith believes is not in the best interests of the operating partnership or which the operating partnership is required by law or by agreements with unaffiliated third parties to keep confidential.

Vornado will furnish to each limited partner, no later than the date on which Vornado mails its annual report to its shareholders, an annual report containing financial statements of the operating partnership, or of Vornado, if Vornado prepares consolidated financial statements including the operating partnership, for each fiscal year, presented in accordance with GAAP. The financial statements will be audited by a nationally recognized firm of independent public accountants selected by Vornado. In addition, if and to the extent that Vornado mails quarterly reports to its shareholders, Vornado will furnish to each limited partner, no later than the date on which Vornado mails the quarterly reports to its shareholders, a report containing unaudited financial statements of the operating partnership, or of Vornado, if the reports are prepared on a consolidated basis, as of the last day of the quarter and any other information that may be required by applicable law or regulation or that Vornado deems appropriate.

The operating partnership is presently subject to the informational requirements of the Exchange Act, and in accordance therewith, files reports and other information with the SEC. Such reports and other information are also available from the Public Reference Rooms of the SEC at prescribed rates and from the SEC's web site on the World Wide Web (<http://www.sec.gov>).

Vornado will use reasonable efforts to furnish to each limited partner, within 90 days after the close of each taxable year, the tax information reasonably required by the limited partners for Federal and state income tax reporting purposes.

Power of Attorney

Under the terms of the partnership agreement, each limited partner and each assignee appoints Vornado, any liquidator, and the authorized officers and attorneys-in-fact of each, as the limited partner's or assignee's attorney-in-fact to do the following:

- to execute, swear to, acknowledge, deliver, file and record in the appropriate public offices (a) all certificates, documents and other instruments including, among other things, the partnership agreement and the certificate of limited partnership and all amendments or restatements of the certificate of limited partnership that Vornado or any liquidator deems appropriate or necessary to form, qualify or maintain the existence of the operating partnership as a limited partnership in the State of Delaware and in all other jurisdictions in which the

operating partnership may conduct business or own property, (b) all instruments that Vornado or any liquidator deems appropriate or necessary to reflect any amendment or restatement of the partnership agreement in accordance with its terms, (c) all conveyances and other instruments that Vornado or any liquidator deems appropriate or necessary to reflect the dissolution and liquidation of the operating partnership under the terms of the partnership agreement, (d) all instruments relating to the admission, withdrawal, removal or substitution of any partner, any transfer of units or the capital contribution of any partner and (e) all certificates, documents and other instruments relating to the determination of the rights, preferences and privileges of partnership interests; and

- to execute, swear to, acknowledge and file all ballots, consents, approvals, waivers, certificates and other instruments appropriate or necessary, in the sole and absolute discretion of Vornado or any liquidator, to make, evidence, give, confirm or ratify any vote, consent, approval, agreement or other action which is made or given by the partners under the partnership agreement or is consistent with the terms of the partnership agreement or appropriate or necessary, in the sole discretion of Vornado or any liquidator, to effectuate the terms or intent of the partnership agreement.

The partnership agreement provides that this power of attorney is irrevocable, will survive the subsequent incapacity of any limited partner and the transfer of all or any portion of the limited partner's or assignee's units and will extend to the limited partner's or assignee's heirs, successors, assigns and personal representatives.

Dissolution, Winding Up and Termination

The operating partnership will continue until December 31, 2095, as this date may be extended by Vornado in its sole discretion, unless sooner dissolved and terminated. The operating partnership will be dissolved before the expiration of its term, and its affairs wound up upon the occurrence of the earliest of:

- the withdrawal of Vornado as general partner without the permitted transfer of Vornado's interest to a successor general partner, except in some limited circumstances;
- the sale of all or substantially all of the operating partnership's assets and properties, subject to the lock-up agreements during the period when the lock-up agreements are in effect;
- the entry of a decree of judicial dissolution of the operating partnership under the provisions of the Delaware Revised Uniform Limited Partnership Act;
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the entry of a final non-appealable order for relief in a bankruptcy proceeding of the general partner, or the entry of a final non-appealable judgment ruling that the general partner is bankrupt or insolvent, except that, in either of these cases, in some circumstances the limited partners other than Vornado may vote to continue the operating partnership and substitute a new general partner in place of Vornado; or

- after December 31, 2046, on election by Vornado, in its sole and absolute discretion.

Upon dissolution, Vornado, as general partner, or any liquidator will proceed to liquidate the assets of the operating partnership and apply the proceeds from the liquidation in the order of priority provided in the partnership agreement.

COMPARISON OF OWNERSHIP OF UNITS AND COMMON SHARES

The information below highlights a number of the significant differences and similarities between the operating partnership and Vornado relating to, among other things, form of organization, investment objectives, policies and restrictions, asset diversification, capitalization, management

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structure, duties, liability, exculpation and indemnification of the general partner and the trustees and investor voting and other rights. These comparisons are intended to assist you in understanding how your investment will be changed if you redeem your units and Vornado exercises its right to assume the operating partnership's obligation with respect to the redemption and to acquire the units in exchange for common shares. See "Redemption of Units" for a description of your right to have your units redeemed and Vornado's right to redeem the units for common shares instead of cash. **The discussion below is only a summary of these matters, and you should carefully review the balance of this Prospectus for additional important information.**

Form of Organization and Purposes

The Operating Partnership

The operating partnership is a limited partnership organized under the laws of the State of Delaware. The operating partnership owns interests in office building properties, shopping center properties, temperature controlled logistics facilities, trade showroom properties, industrial/warehouse properties and various other properties and investments. See "Vornado and the Operating Partnership" for further information about the operating partnership's assets. The operating partnership may also invest in other types of real estate and in any geographic areas that Vornado deems appropriate. Vornado conducts the business of the operating partnership in a manner intended to permit Vornado to be classified as a REIT under the Internal Revenue Code.

Vornado

Vornado is a Maryland real estate investment trust organized under the Maryland REIT law. Although Vornado currently intends to continue to qualify as a REIT under the Internal Revenue Code and to operate as a self-administered REIT, Vornado is not under any contractual obligation to continue to qualify as a REIT and Vornado may discontinue this qualification or mode of operation in the future. Although Vornado has no intention of ceasing to qualify as a REIT, some other real estate companies that previously operated as REITs have chosen to cease to qualify as REITs. Except as otherwise permitted in the partnership agreement, Vornado is obligated to conduct its activities through the operating partnership. Vornado is the sole general partner of the operating partnership.

Nature of Investment

The Operating Partnership

The units constitute equity interests entitling each limited partner in the operating partnership to his or her proportionate share of cash distributions made to the limited partners in the operating partnership, consistent with the class preferences provided for in the partnership agreement. See "Description of the Units and the Operating Partnership—Distributions with Respect to Units" for further information about distributions to limited partners. The units entitle their holders to participate in the growth and income of the operating partnership. The partnership agreement grants Vornado discretion to determine the frequency and amount of distributions by the operating partnership. The operating partnership and thus Vornado generally expect to retain and reinvest proceeds of any sale of property and refinancings, except in some limited circumstances. Thus, limited partners in the operating partnership will not be able to realize upon their investments through distributions of sale and refinancing proceeds. Instead, limited partners will be able to realize upon their investments primarily by redeeming units and, if Vornado issues common shares in exchange for redeemed units, by subsequently selling the common shares.

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Vornado

The common shares constitute equity interests in Vornado. Vornado is entitled to receive its proportionate share of distributions made by the operating partnership with respect to the class A units owned by it. Each holder of common shares of Vornado is entitled to his or her proportionate share of any dividends or distributions paid with respect to those common shares, and these distributions will generally match distributions made in respect of class A units. The dividends payable to holders of common shares are not fixed in amount and are only paid if, when and as authorized by the Board of Trustees and declared by Vornado out of assets legally available to pay dividends. If any preferred shares are at the time outstanding, dividends on the common shares and other distributions, including purchases by Vornado of common shares, may be made only if full cumulative dividends have been declared and paid on the outstanding preferred shares or set aside for payment and there are no arrearages in any mandatory sinking fund on outstanding preferred shares. To qualify as a REIT, Vornado must distribute to its shareholders at least 90% of its taxable income excluding capital gains, and corporate income tax will apply to any taxable income including capital gains not distributed.

Length of Investment

The operating partnership has a stated term expiring on December 31, 2095, which can be extended by Vornado in its sole discretion. The operating partnership has no specific plans for disposition of its assets. To the extent that the operating partnership sells or refinances its assets, the net proceeds from the sale or refinancing generally will be retained by the operating partnership for working capital and new investments rather than being distributed to its partners, including Vornado, except that Vornado currently expects that it generally will distribute the capital gains portion of proceeds it receives from the sale of properties. The operating partnership constitutes a vehicle for taking advantage of future investment opportunities that may be available in the real estate market. The operating partnership generally will reinvest the proceeds of asset dispositions, if any, in new properties or other appropriate investments consistent with its investment objectives. After the expiration of the applicable holding period with respect to their units, limited partners in the operating partnership are entitled to exercise the right to have their units redeemed either for common shares or for cash, at the option of Vornado.

Vornado

Vornado has a perpetual term and intends to continue its operations for an indefinite time period. Under the declaration of trust, the dissolution of Vornado must be approved at any meeting of shareholders called for that purpose by the affirmative vote of the holders of not less than a majority of "shares," as defined in the declaration of trust, outstanding. Vornado has an indirect interest in the properties and property service businesses owned by the operating partnership. Shareholders of Vornado are expected to realize liquidity of their investments by the trading of the common shares on the NYSE.

Liquidity

The Operating Partnership

Although class A units are registered as a class under the Securities Exchange Act of 1934, they are not registered under the Securities Act or any state securities laws and therefore may not be sold, pledged, hypothecated or otherwise transferred unless first registered under the Securities Act and any applicable state securities laws, or unless an exemption from registration is available. Units also may not be sold or otherwise transferred unless the other transfer restrictions discussed below have been

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satisfied. Vornado and the operating partnership do not intend to register the units under the Securities Act or any state securities laws.

Limited partners in the operating partnership may not transfer any of their rights as limited partners without the consent of Vornado, and Vornado may withhold its consent in its sole discretion if it determines that the transfer would cause any or all of the limited partners other than the limited partner seeking to transfer his or her rights to incur tax liability as a result of the transfer. Limited partners in the operating partnership may, after the expiration of the applicable holding period with respect to their units, transfer beneficial interests in units without the consent of Vornado as general partner of the operating partnership, if they comply with restrictions designed to avoid violations of any federal or state securities laws. A transferee of units has no right to become a substituted limited partner without the consent of Vornado, which Vornado may withhold in its sole and absolute discretion. Limited partners have the right to elect to have their units redeemed by the operating partnership. Upon redemption of units, a limited partner will receive cash or, at the election of Vornado, common shares of Vornado in exchange for the redeemed units.

Vornado

Any common shares issued in exchange for redeemed units will be registered under the Securities Act and be freely transferable, as long as the shareholder complies with the ownership limits in the declaration of trust. Vornado's common shares are currently listed on the NYSE under the ticker symbol of "VNO" and have been so listed by Vornado and its predecessor for over 35 years. The future breadth and strength of this secondary market will depend, among other things, upon the number of common shares outstanding, Vornado's financial results and prospects, the general interest in Vornado's and other's real estate investments, and Vornado's dividend yield compared to that of other debt and equity securities.

Potential Dilution of Rights

The Operating Partnership

Vornado as general partner of the operating partnership is authorized, in its sole discretion and without limited partner approval, to cause the operating partnership to issue additional limited partnership interests and other equity securities for any partnership purpose at any time to Vornado, the limited partners or other persons on terms established by Vornado.

The interests with respect to cash available for distribution of the limited partners in the operating partnership may be diluted if Vornado, in its sole discretion, causes the operating partnership to issue additional units or other equity securities.

Vornado

The Board of Trustees of Vornado may, in its discretion, authorize the issuance of additional common shares and other equity securities of Vornado, including one or more classes or series of common or preferred shares of beneficial interest, with the voting rights, dividend rates, preferences, subordinations, conversion or redemption prices or rights, maturity dates, distribution, exchange or liquidation rights or other rights that the Board of Trustees may specify at the time. The issuance of additional common shares or other similar equity securities may result in the dilution of the interests of the shareholders. As permitted by the Maryland REIT law, the declaration of trust contains a provision permitting the Board of Trustees, without any action by the shareholders of Vornado, to amend the declaration of trust to increase or decrease the aggregate number of shares of beneficial interest or the number of shares of any class of shares of beneficial interest that Vornado has authority to issue. Under the declaration of trust, holders of common shares do not have any preemptive rights to subscribe to any securities of Vornado.

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Management Control

The Operating Partnership

All management powers over the business and affairs of the operating partnership are vested in Vornado as the general partner of the operating partnership, and no limited partner of the operating partnership has any right to participate in or exercise control or management power over the business and affairs of the operating partnership, except as described under "Description of the Units and the Operating Partnership—Borrowing by the Operating Partnership" and "—Sales of Assets." Vornado may not be removed as general partner by the limited partners with or without cause.

Vornado

The Board of Trustees has exclusive control over the management of Vornado's business and affairs, limited only by express restrictions on the Board's control in the declaration of trust and bylaws, the partnership agreement and applicable law. The Board of Trustees is classified into three classes of trustees. At each annual meeting of the shareholders of Vornado, the successors of the class of trustees whose terms expire at that meeting are elected. The policies adopted by the Board of Trustees may be altered or eliminated without a vote of the shareholders. Accordingly, except for their vote in the elections of trustees, shareholders have no control over the ordinary business policies of Vornado.

Because a portion of the Board of Trustees is elected each year by the shareholders at Vornado's annual meeting, the shareholders have greater control over the management of Vornado than the limited partners have over the operating partnership.

Duties of General Partner and Trustees

The Operating Partnership

Under Delaware law, Vornado, as the general partner of the operating partnership, is accountable to the operating partnership as a fiduciary and, consequently, is required to exercise good faith and integrity in all of its dealings with respect to partnership affairs. However, under the partnership agreement, Vornado is expressly under no obligation to consider the separate interests of the limited partners in deciding whether to cause the operating partnership to take or decline to take any actions, and Vornado is not liable for monetary damages for losses sustained, liabilities incurred or benefits not derived by limited partners as a result of Vornado's decisions, provided that the general partner has acted in good faith.

Vornado

Under Maryland law, there is no statute specifying the duties of trustees of a REIT like Vornado. However, Maryland counsel to Vornado believes that it is likely that a Maryland court would refer to the Maryland General Corporation Law, which requires directors of a Maryland corporation to perform their duties in good faith, in a manner that they reasonably believe to be in the best interests of the corporation and with the care of an ordinarily prudent person in a like position under similar circumstances. The Maryland General Corporation Law presumes that a director's standard of care has been satisfied.

Management Liability and Indemnification

The Operating Partnership

As a matter of Delaware law, the general partner has liability for the payment of the obligations and debts of the operating partnership unless limitations upon this liability are stated in the document or instrument evidencing the obligation. Under the partnership agreement, the operating partnership

has agreed to indemnify Vornado and any trustee or officer of Vornado from and against all losses, claims, damages, liabilities, joint or several, expenses including legal fees, fines, settlements and other amounts incurred in connection with any actions relating to the operations of the operating partnership as described in the partnership agreement in which Vornado or any trustee or officer of Vornado is involved, unless the act was in bad faith or the result of active and deliberate dishonesty and was material to the action; the party seeking indemnification received an improper personal benefit; or in the case of any criminal proceeding, the party seeking indemnification had reasonable cause to believe the act was unlawful.

The reasonable expenses incurred by an indemnified party may be advanced by the operating partnership before the final disposition of the proceeding upon receipt by the operating partnership of an affirmation by the indemnified person of his, her or its good faith belief that the standard of conduct necessary for indemnification has been met and an undertaking by the indemnified person to repay the amount if it is determined that this standard was not met.

Vornado

The Maryland REIT law permits a Maryland real estate investment trust to include in its declaration of trust a provision limiting the liability of its trustees, officers, employees and agents to the trust and its shareholders for money damages except for liability resulting from actual receipt of any improper benefit or profit in money, property or services; or active and deliberate dishonesty material to the cause of action established by a final judgment.

The declaration of trust of Vornado contains a provision of this kind that eliminates the liability of Vornado's trustees and officers to Vornado and its shareholders to the maximum extent permitted by the Maryland REIT law. Vornado's declaration of trust authorizes it, to the extent permitted in the bylaws, to indemnify, and to pay or reimburse reasonable expenses to, as they are incurred by, each trustee or officer, including any person who, while a trustee of Vornado, is or was serving at the request of Vornado as a director, officer, partner, trustee, employee or agent of another foreign or domestic corporation, partnership, joint venture, trust, other enterprise or employee benefit plan, from all claims and liabilities to which the indemnified person may become subject by reason of being or having been a trustee or officer.

Vornado's bylaws require it to indemnify to the maximum extent permitted by the Maryland REIT law any present or former trustee or officer, including, without limitation, any individual who, while a trustee or officer and at the request of Vornado, serves or has served another corporation, partnership, joint venture, trust, employee benefit plan or any other enterprise as a director, officer, partner or trustee of that corporation, partnership, joint venture, trust, employee benefit plan or other enterprise, who has been successful, on the merits or otherwise, in the defense of a proceeding to which he was made a party by reason of that status, against reasonable expenses incurred by him in connection with the proceeding; and any present or former trustee or officer against any claim or liability to which that person may become subject by reason of that status unless it is established that (a) that person's act or omission was material to the cause of action giving rise to the proceeding and was committed in bad faith or was the result of active and deliberate dishonesty, (b) he or she actually received an improper personal benefit in money, property or services or (c) in the case of a criminal proceeding, he or she had reasonable cause to believe that his or her act or omission was unlawful.

In addition, Vornado's bylaws require Vornado to pay or reimburse, in accordance with the Maryland REIT law, in advance of final disposition of a proceeding, reasonable expenses incurred by a present or former trustee or officer made a party to a proceeding by reason of that status, provided that Vornado has received a written affirmation by the trustee or officer of his good faith belief that he has met the applicable standard of conduct necessary for indemnification by Vornado as authorized by the bylaws, and a written undertaking by him or on his behalf to repay the amount paid or reimbursed

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by Vornado if it is ultimately determined that the applicable standard of conduct was not met. Vornado's bylaws also permit Vornado to provide indemnification and payment or reimbursement of expenses to a present or former trustee or officer who served a predecessor of Vornado in that capacity and to any employee or agent of Vornado or a predecessor of Vornado; provide that any indemnification or payment or reimbursement of the expenses permitted by the bylaws shall be furnished in accordance with the procedures provided for indemnification or payment or reimbursement of expenses, as the case may be, under Section 2-418 of the Maryland General Corporation Law for directors of Maryland corporations; and permit Vornado to provide any other and further indemnification or payment or reimbursement of expenses that may be permitted by the Maryland General Corporation Law for directors of Maryland corporations.

The Maryland REIT law permits a Maryland real estate investment trust to indemnify and advance expenses to its trustees, officers, employees and agents to the same extent as permitted by the Maryland General Corporation Law for directors, officers, employees and agents of Maryland corporations. The Maryland General Corporation 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 the act or omission of the director or officer was material to the matter giving rise to the proceeding and (a) was committed in bad faith or (b) was the result of active and deliberate dishonesty; the director or officer actually received an improper personal benefit in money, property or services; or 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 the Maryland General Corporation 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, the Maryland General Corporation Law permits a corporation to advance reasonable expenses to a director or officer upon the corporation's receipt of 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 a written undertaking by him or on his behalf to repay the amount paid or reimbursed by the corporation if it is ultimately determined that the standard of conduct was not met.

Thus, the management of the operating partnership and Vornado have substantially the same rights to indemnification.

Liability of Investors

The Operating Partnership

Under the partnership agreement and applicable state law, the liability of the limited partners for the operating partnership's debts and obligations generally is limited to the amount of their investments in the operating partnership, together with their interest in the operating partnership's undistributed income, if any.

Vornado

Under the Maryland REIT law, shareholders are not personally liable for the obligations of Vornado. The common shares, upon issuance, will be fully paid and nonassessable.

Thus, the limited partners in the operating partnership and the shareholders of Vornado have substantially the same limited personal liability.

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Voting Rights

The Operating Partnership

Under the partnership agreement, the limited partners have limited voting rights. The limited partners have the right to vote on any proposed action of the general partner that would contravene any express prohibition or limitation in the partnership agreement, and any action of this kind requires unanimous approval by the limited partners. The limited partners do not have the right to vote on any proposed sale, exchange, transfer or disposal of all or substantially all of the assets of the operating partnership, except as required under the lock-up provisions. See "Description of the Units and the Operating Partnership—Sales of Assets" for information about the lock-up provisions. In addition, the limited partners do not have the right to propose amendments to the partnership agreement, and their rights to vote on amendments are restricted as described under the caption "Description of the Units and the Operating Partnership—Amendment of the Partnership Agreement." Any amendment that requires the approval of the limited partners may be approved by a majority of the limited partners, except that any amendment that would change the limited liability of a limited partner, change the voting requirements for specified actions or amendments under the partnership

agreement or change specified provisions in the partnership agreement with respect to distributions and allocations or the right to redeem units must be approved by each limited partner adversely affected by the amendment. In addition, some series of preferred units have special voting rights that require their consent for actions that would adversely affect their preferences.

Vornado

The business and affairs of Vornado are managed under the direction of the Board of Trustees, which currently consists of nine members in classes having three-year staggered terms of office. One class is elected by the shareholders at each annual meeting of Vornado shareholders. The declaration of trust permits any action which may be taken at a meeting of shareholders to be taken without a meeting if a written consent to the action is signed by holders of outstanding shares of beneficial interest having not less than the minimum number of votes that would be necessary to authorize or take the action at a meeting at which all shares entitled to vote were present and voted. Vornado had 1,436,623 series A convertible preferred shares, 3,400,000 cumulative redeemable series B preferred shares, and 4,600,000 cumulative redeemable series C preferred shares issued and outstanding as of June 30, 2003. The holders of preferred shares generally have no right to vote, except that if and whenever six quarterly dividends, whether or not consecutive, payable on any series of preferred shares are in arrears, which, with respect to any quarterly dividend, means that the dividend has not been paid in full, whether or not the dividend was earned or declared, the holders of that series will have the right, voting as a class, to elect two additional Trustees; and so long as any preferred shares are outstanding, the affirmative vote of at least two-thirds of the outstanding preferred shares and all other series of voting preferred shares, voting as a single class regardless of series, will be necessary to (a) amend, alter or repeal the declaration of trust so as to materially and adversely affect the voting powers, rights or preferences of the holders of the preferred shares or (b) authorize, create or increase the authorized amount of any shares ranking prior to the preferred shares in the distribution of assets or any liquidation or in the payment of dividends. Each common share has one vote.

The Board of Trustees has the power, however, to create additional classes of parity and junior shares, increase the authorized number of parity and junior shares, and issue additional series of parity and junior shares without the consent of any holder of preferred shares.

Amendment of the Partnership Agreement or the Declaration of Trust

The Operating Partnership

Vornado generally has the power, without the consent of any limited partners, to amend the partnership agreement as may be required to reflect any changes that Vornado deems necessary or appropriate in its sole discretion, provided that the amendment does not adversely affect or eliminate any right granted to a limited partner that is protected by specified special voting provisions. See "Description of the Units and the Operating Partnership—Amendment of the Partnership Agreement and the Operating Partnership" for further information about Vornado's power to amend the partnership agreement and the limits on that power.

Vornado

Under the Maryland REIT law and the declaration of trust, the trustees, by a two-thirds vote, may at any time amend the declaration of trust, without the approval of shareholders, to enable Vornado to qualify as a REIT under the Internal Revenue Code or as a real estate investment trust under the Maryland REIT law. As permitted by the Maryland REIT law, the declaration of trust authorizes Vornado's Board of Trustees, without any action by the shareholders, to amend the declaration of trust from time to time to increase or decrease the aggregate number of shares of beneficial interest or the number of shares of beneficial interest of any class that Vornado is authorized to issue. Except for certain specified amendments that require the vote of the holders of two-thirds of the outstanding shares, other amendments to the declaration of trust require the vote of holders of a majority of the outstanding shares, as defined in the declaration of trust.

Review of Investor Lists

The Operating Partnership

Under the partnership agreement, a limited partner in the operating partnership, upon written demand with a statement of the purpose of the demand and at the limited partner's expense, is entitled to obtain a current list of the name and last known business, residence or mailing address of each limited partner of the operating partnership.

Vornado

Under the Maryland General Corporation Law, as applicable to REITs, one or more shareholders holding of record for at least six months at least 5% of the outstanding shares of beneficial interest of any class of a real estate investment trust may, upon written request, inspect and copy during usual business hours the share ledger of the real estate investment trust or, if the real estate investment trust does not maintain an original or duplicate share ledger at its principal office, obtain a verified list of shareholders, stating their names and addresses and the number of shares of each class held by each shareholder.

Thus, the limited partners in the operating partnership and the shareholders of Vornado have similar rights to inspect and, at their own expense, make copies of investor lists, with some limitations.

Review of Books and Records

The Operating Partnership

Under the partnership agreement, a limited partner in the operating partnership, upon written demand with a statement of the purpose of the demand and at the limited partner's expense, is entitled to obtain a copy of the operating partnership's federal, state and local income tax returns, to obtain a copy of the most recent annual and quarterly reports filed by Vornado with the SEC and to obtain

some other records and information as provided in the partnership agreement. Limited partners in the operating partnership do not have any right to inspect the books of the operating partnership.

Vornado

Under the Maryland General Corporation Law, as applicable to REITs, any shareholder or his agent may inspect and copy during normal business hours the following real estate investment trust documents: bylaws; minutes of the proceedings of shareholders; annual statements of affairs; and voting trust agreements on file at the real estate investment trust's principal office.

In addition, one or more shareholders holding of record at least 5% of the outstanding shares of beneficial interest of any class of a real estate investment trust may, upon written request, inspect and copy during usual business hours the books of account of the real estate investment trust and a verified statement, in reasonable detail, of its assets and liabilities as of a reasonably current date.

Issuance of Additional Equity

The Operating Partnership

The operating partnership is generally authorized to issue units and other partnership interests, including partnership interests of different series or classes, as determined by Vornado as the general partner in its sole discretion. The operating partnership may issue units and other partnership interests to Vornado, as long as these interests are issued in connection with a comparable issuance of securities of Vornado and proceeds raised in connection with the issuance of the Vornado securities are contributed to the operating partnership. The terms of some series of preferred units limit Vornado's ability to issue other series of units ranking prior to them.

Vornado

The Board of Trustees may authorize the issuance, in its discretion, of additional common shares and other equity securities of Vornado, including one or more classes of common or preferred shares, with the preferences, conversion or other rights, voting powers, restrictions, limitations as to dividends, qualifications and terms and conditions of redemption that the Board of Trustees may establish.

The operating partnership and Vornado both have substantial flexibility to raise equity through the sale of additional units, shares of beneficial interest or other securities to finance the business and affairs of the operating partnership.

Borrowing Policies

The Operating Partnership

The operating partnership has no restrictions on borrowings, and Vornado as general partner has full power and authority to borrow money on behalf of the operating partnership. However, under the terms of the lock-up provisions, the operating partnership is limited in its ability to refinance the indebtedness secured by some of its properties, unless affected limited partners are compensated for adverse tax consequences in accordance with the lockup agreements. See "Description of the Units and the Operating Partnership—Borrowing by the Operating Partnership" for further information about the lockup agreements.

Vornado

Vornado is not restricted under its declaration of trust from borrowing. However, under the partnership agreement, Vornado, as general partner, may not issue debt securities or otherwise incur

any debts unless it contributes the proceeds from the incurrence of debts to the operating partnership. Therefore, all indebtedness incurred by Vornado will be for the benefit of the operating partnership.

Permitted Investments

The Operating Partnership

The operating partnership's purpose is to conduct any business that may be lawfully conducted by a Delaware limited partnership, provided that this business is to be conducted in a manner that permits Vornado to be qualified as a REIT unless Vornado ceases to qualify as a REIT for any reason. The operating partnership is authorized to perform any and all acts for the furtherance of the purposes and business of the operating partnership, including making investments, provided that the operating partnership may not take, or refrain from taking, any action which, in the judgment of Vornado as general partner: could adversely affect the ability of the general partner to continue to qualify as a REIT; could subject the general partner to any additional taxes under Section 857 or Section 4981 of the Internal Revenue Code; or could violate any law or regulation of any governmental body.

The operating partnership may take any action or inaction described in the preceding sentence only with Vornado's specific consent.

Under its declaration of trust, Vornado may engage in any lawful activity permitted by the Maryland REIT law. Under the partnership agreement, Vornado, as general partner, agrees that it will not, directly or indirectly, enter into or conduct any business other than in connection with the ownership, acquisition and disposition of partnership interests in the operating partnership except with the consent of a majority of the holders of common units other than Vornado.

Vornado is also permitted to acquire, directly or indirectly, up to 1% interest in any partnership or limited liability company at least 99% of whose equity is owned by the operating partnership.

Vornado and the operating partnership may invest in any types of real estate and geographic areas that Vornado deems appropriate. Subject to restrictions relating to the protection of Vornado's REIT status, the operating partnership may perform all acts necessary for the furtherance of the operating partnership's business, including diversifying its portfolio to protect the value of its assets or as a prudent hedge against the risk of having too many of its investments limited to a single asset group or in a particular region of the country. Vornado, as general partner of the operating partnership, generally may not conduct any business other than through the operating partnership without the consent of the holders of a majority of the common limited partnership interests, not including the limited partnership interests held by Vornado in its capacity as a limited partner in the operating partnership.

Other Investment Restrictions

The Operating Partnership

Other than restrictions precluding investments by the operating partnership that would adversely affect the qualification of Vornado as a REIT and restrictions on transactions with affiliates, the partnership agreement does not generally restrict the operating partnership's authority to make investments, lend operating partnership funds or reinvest the operating partnership's cash flow and net sale or refinancing proceeds.

Vornado

Vornado's declaration of trust authorizes Vornado to enter into any contract or transaction of any kind, including the purchase or sale of property, with any person, including any trustee, officer, employee or agent of Vornado, whether or not any of them has a financial interest in the transaction.

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PLAN OF DISTRIBUTION

This prospectus relates to the possible issuance by Vornado of up to 212,477 shares, if, and to the extent that, Vornado elects to issue common shares to holders of up to 212,477 units, upon the tender of the units for redemption.

Vornado will not receive any cash proceeds from the issuance of the common shares to holders of units upon receiving a notice of redemption. Vornado will acquire one unit from a redeeming partner, in exchange for each common share that Vornado issues. Consequently, with each redemption, Vornado's interest in the operating partnership will increase.

Application will be made to list the common shares on the New York Stock Exchange.

All costs, expenses and fees in connection with the registration of the common shares will be borne by Vornado.

EXPERTS

The consolidated financial statements and the related financial statement schedules incorporated in this prospectus by reference from Vornado's annual report on Form 10-K for the year ended December 31, 2002 have been audited by Deloitte & Touche LLP, independent auditors, as stated in their report, which is incorporated herein by reference (which report expresses an unqualified opinion and includes an explanatory paragraph referring to Vornado's adoption of SFAS No. 142 "Goodwill and Other Intangible Assets" on January 1, 2002), and have been so incorporated in reliance upon the report of Deloitte & Touche LLP given upon their authority as experts in accounting and auditing.

With respect to the unaudited interim financial information for the periods ended March 31, 2003 and 2002 which is incorporated herein by reference, Deloitte & Touche LLP have applied limited procedures in accordance with professional standards for a review of such information. However, as stated in the report included in Vornado's Quarterly Report on Form 10-Q for the quarter ended March 31, 2003 and incorporated by reference herein, they did not audit and they do not express an opinion on that interim financial information. Accordingly, the degree of the reliance on their report on such information should be restricted in light of the limited nature of the review procedures applied. Deloitte & Touche LLP are not subject to the liability provisions of Section 11 of the Securities Act of 1933 for their report on the unaudited interim financial information because the report is not "report" or a "part" of the registration statement prepared or certified by an accountant within the meaning of Sections 7 and 11 of the Act.

VALIDITY OF THE COMMON SHARES

The validity of the common shares issued under this prospectus will be passed upon for Vornado by Venable, Baetjer and Howard, LLP, Baltimore, Maryland, Maryland counsel to Vornado.

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INFORMATION NOT REQUIRED IN PROSPECTUS

Item 14. Other Expenses of Issuance and Distribution.

The following is a statement of expenses (all of which are estimated other than the SEC registration fee) in connection with the issuance and distribution of the securities being registered, other than underwriting compensation:

SEC registration fee	\$	760
Printing and engraving expenses	\$	50,000
Legal fees and disbursements	\$	50,000
Accounting fees and disbursements	\$	50,000
Transfer agent's and depository's fees and disbursements	\$	25,000
Blue Sky fees and expenses	\$	15,000
Miscellaneous (including listing fees)	\$	25,000
Total	\$	215,760

Item 15. Indemnification of Trustees and Officers.

The Maryland REIT Law ("MRL") permits a Maryland real estate investment trust to include in its declaration of trust a provision limiting the liability of its trustees and officers to the trust and its shareholders for money damages except for liability resulting from (i) actual receipt of an improper benefit or profit in money, property or services or (ii) active and deliberate dishonesty established by a final judgment and which is material to the cause of action. Vornado's Declaration of Trust includes such a provision eliminating such liability to the maximum extent permitted by the MRL.

Vornado's Declaration of Trust authorizes it to indemnify, and to pay or reimburse reasonable expenses to, as such expenses are incurred by, each trustee or officer (including any person who, while a trustee of Vornado, is or was serving at the request of Vornado as a director, officer, partner, trustee, employee or agent of another foreign or domestic corporation, partnership, joint venture, trust, other enterprise or employee benefit plan) from all claims and liabilities to which such person may become subject by reason of his being or having been a trustee, officer, employee or agent.

Vornado's Bylaws require it to indemnify (a) any trustee or officer or any former trustee or officer (including and without limitation, any individual who, while a trustee or officer and at the request of Vornado, serves or has served another corporation, partnership, joint venture, trust, employee benefit plan or any other enterprise as a director, officer, partner or trustee of such corporation, partnership, joint venture, trust, employee benefit plan or other enterprise) who has been successful, on the merits or otherwise, in the defense of a proceeding to which he was made a party by reason of such status, against reasonable expenses incurred by him in connection with the proceeding and (b) any present or former trustee or officer against any claim or liability to which he may become subject by reason of such status unless it is established that (i) his act or omission was material to the matter giving rise to the proceeding and was committed in bad faith or was the result of active and deliberate dishonesty, (ii) he actually received an improper personal benefit in money, property or services or (iii) in the case of a criminal proceeding, he had reasonable cause to believe that his act or omission was unlawful. In addition, Vornado's Bylaws require it to pay or reimburse, in advance of final disposition of a proceeding, reasonable expenses incurred by a present or former trustee or officer made a party to a proceeding by reason of such status upon Vornado's receipt of (i) a written affirmation by the trustee or officer of his good faith belief that he has met the applicable standard of conduct necessary for indemnification by Vornado and (ii) a written undertaking by him or on his behalf to repay the amount paid or reimbursed by Vornado if it shall ultimately be determined that the applicable standard of

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conduct was not met. Vornado's Bylaws also (i) permit Vornado to provide indemnification and payment or reimbursement of expenses to a present or former trustee or officer who served a predecessor of Vornado in such capacity and to any employee or agent of Vornado or a predecessor of Vornado, (ii) provide that any indemnification or payment or reimbursement of the expenses permitted by the Bylaws shall be furnished in accordance with the procedures provided for indemnification or payment or reimbursement of expenses, as the case may be, under Section 2-418 of the Maryland General Corporation Law (the "MGCL") for directors of Maryland corporations and (iii) permit Vornado to provide such other and further indemnification or payment or reimbursement of expenses as may be permitted by the MGCL, as in effect from time to time, for directors of Maryland corporations.

The MRL permits a Maryland real estate investment trust to indemnify and advance expenses to its trustees, officers, employees and agents to the same extent as permitted by the MGCL for directors and officers of Maryland corporations. The MGCL 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 (a) 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, (b) the director or officer actually received an improper personal benefit in money, property or services or (c) 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 the MGCL, 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, the MGCL permits a corporation to advance reasonable expenses to a director or officer upon the corporation's receipt of (a) 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 (b) 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.

The Second Amended and Restated Agreement of Limited Partnership, dated as of October 20, 1997, as amended (the "Partnership Agreement"), of the operating partnership provides, generally, for the indemnification of an "Indemnitee" against losses, claims, damages, liabilities, expenses (including, without limitation, attorneys' fees and other legal fees and expenses), judgments, fines, settlements and other amounts that relate to the operations of the operating partnership unless it is established that (i) the act or omission of the Indemnitee was material and either was committed in bad faith or pursuant to active and deliberate dishonesty, (ii) the Indemnitee actually received an improper personal benefit in money, property or services or (iii) in the case of any criminal proceeding, the Indemnitee had reasonable cause to believe that the act or omission was unlawful. For this purpose, the term "Indemnitee" includes (i) any person made a party to a proceeding by reason of its status as (A) the general partner of the operating partnership, (B) a limited partner of the operating partnership or

(C) an officer of the operating partnership or a trustee, officer or shareholder of Vornado and (ii) such other persons (including affiliates of Vornado or the operating partnership) as Vornado may designate from time to time in its discretion. Any such indemnification will be made only out of assets of the operating partnership, and in no event may an Indemnitee subject the limited partners of the operating partnership to personal liability by reason of the indemnification provisions in the Partnership Agreement.

Pursuant to the registration rights agreement between Vornado and the holders of units redeemable for the shares registered hereunder, each unit holder named therein (and each permitted assignee of such holder, on a several basis) agrees to indemnify and hold harmless Vornado, and each

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of its trustees/directors and officers (including each trustee/director and officer of Vornado who signed a registration statement), and each person, if any, who controls Vornado within the meaning of Section 15 of the Securities Act or Section 20 of the Exchange Act (i) against any and all loss, liability, claim, damage and expense whatsoever, as incurred, arising out of or based upon any untrue statement or alleged untrue statement of a material fact contained in any registration statement (or any amendment thereto) pursuant to which the common shares issuable to the unit holders upon redemption of their units were registered under the Securities Act, or the omission or alleged omission therefrom of a material fact required to be stated therein or necessary to make the statements therein not misleading or arising out of or based upon any untrue statement or alleged untrue statement of a material fact contained in any prospectus (or any amendment or supplement thereto), including all documents incorporated therein by reference, or the omission or alleged omission therefrom of a material fact necessary in order to make the statements therein, in the light of the circumstances under which they were made, not misleading; (ii) against any and all loss, liability, claim, damage and expense whatsoever, as incurred, to the extent of the aggregate amount paid in settlement of any litigation, or investigation or proceeding by any governmental agency or body, commenced or threatened, or of any claim whatsoever based upon any such untrue statement or omission, or any such alleged untrue statement or omission, if such settlement is effected with the written consent of such unit holder; and (iii) against any and all expenses whatsoever, as incurred (including reasonable fees and disbursements of counsel), reasonably incurred in investigating, preparing or defending against any litigation, or investigation or proceeding by any governmental agency or body, commenced or threatened, in each case whether or not a party, or any claim whatsoever based upon any such untrue statement or omission, or any such alleged untrue statement or omission; provided, however, that such indemnity shall only apply with respect to any loss, liability, claim, damage or expense to the extent arising out of (A) any untrue statement or omission or alleged untrue statement or omission made in reliance upon and in conformity with written information furnished to Vornado by such unit holder expressly for use in the registration statement (or any amendment thereto) or the prospectus (or any amendment or supplement thereto) or (B) such unit holder's failure to deliver an amended or supplemental prospectus if such loss, liability, claim, damage or expense would not have arisen had such delivery occurred. A unit holder and any permitted assignee shall not be required to indemnify Vornado, its officers, trustees or control persons with respect to any amount in excess of the amount of the total proceeds to such unit holder or permitted assignee, as the case may be, from sales under the registration statement of such unit holder's shares issuable upon redemption of units, and no unit holder shall be liable under the indemnification provision for any statements or omissions of any other unit holder.

Insofar as indemnification for liabilities arising under the Securities Act of 1933 may be permitted to officers, trustees or controlling persons of the registrant pursuant to the foregoing provisions or otherwise, Vornado has been advised that, in the opinion of the Securities and Exchange Commission, such indemnification is against public policy and, therefore, unenforceable. In addition, indemnification may be limited by state securities laws. Vornado has purchased liability insurance for the purpose of providing a source of funds to pay the indemnification described above.

Item 16. Exhibits.

EXHIBIT NO.	EXHIBIT
3.1	—Amended and Restated Declaration of Trust of Vornado Realty Trust, as filed with the State Department of Assessments and Taxation of Maryland on April 16, 1993—Incorporated by reference to Exhibit 3(a) to Vornado Realty Trust's Registration Statement on Form S-4 (File No. 33-60286), filed on April 15, 1993.

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- 3.12 —Articles Supplementary Classifying Vornado Realty Trust's \$3.25 Series A Convertible Preferred Shares of Beneficial Interest, as filed with the State Department of Assessments and Taxation of Maryland on December 15, 1997—Incorporated by reference to Exhibit 3.10 to Vornado Realty Trust's Annual Report on Form 10-K for the year ended December 31, 2001 (File No. 001-11954).

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- 3.13 —Articles Supplementary Classifying Vornado Realty Trust's Series D-1 8.5% Cumulative Redeemable Preferred Shares of Beneficial Interest, no par value—Incorporated by reference to Exhibit 3.1 to Vornado Realty Trust's Current Report on Form 8-K, dated November 12, 1998 (File No. 001-11954), filed on November 30, 1998.
- 3.14 —Articles Supplementary Classifying Additional Series D-1 8.5% Preferred Shares of Beneficial Interest, liquidation preference \$25.00 per share, no par value—Incorporated by reference to Exhibit 3.2 to Vornado Realty Trust's Current Report on Form 8-K/A, dated November 12, 1998 (File No. 001-11954), filed on February 9, 1999.
- 3.15 —Articles Supplementary Classifying 8.5% Series B Cumulative Redeemable Preferred Shares of Beneficial Interest, liquidation preference \$25.00 per share, no par value—Incorporated by reference to Exhibit 3.3 to Vornado Realty Trust's Current Report on Form 8-K, dated March 3, 1999 (File No. 001-11954), filed on March 17, 1999.
- 3.16 —Articles Supplementary Classifying Vornado Realty Trust's Series C 8.5% Cumulative Redeemable Preferred Shares of Beneficial Interest, liquidation preference \$25.00 per share, no par value—Incorporated by reference to Exhibit 3.7 to Vornado Realty Trust's Registration Statement on Form 8-A (File No. 001-11954), filed on May 19, 1999.
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- 23.4 —Consent of Deloitte & Touche LLP.
- 24 —Power of Attorney (included on signature page).

Item 17. Undertakings.

(a) 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;

(i) To include any prospectus required by Section 10(a)(3) of the Securities Act of 1933;

(ii) To reflect in the prospectus any facts or events arising after the effective date of the registration statement (or the most recent post-effective amendment thereof) which, individually or in the aggregate, represent a fundamental change in the information set forth in the 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 percent change in the maximum aggregate offering price set forth in the "Calculation of Registration Fee" table in the effective registration statement.;

(iii) To include any material information with respect to the plan of distribution not previously disclosed in the registration statement or any material change to such information in the registration statement;

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provided, however, that paragraphs (a) (1) (i) and (a) (1) (ii) do not apply if the information required to be included in a post-effective amendment by those paragraphs is contained in periodic reports filed with or furnished to the Commission by the registrant pursuant to Section 13 or Section 15(d) of the Securities Exchange Act of 1934 that are incorporated by reference in the 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.

(b) 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 (and, where applicable, each filing of an employee benefit plan's annual report pursuant to 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.

(c) 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 Act 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 of whether such indemnification by it is against public policy as expressed in the Act and will be governed by the final adjudication of such issue.

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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 New York, State of New York, on July 14, 2003.

VORNADO REALTY TRUST,
A Maryland real estate investment trust

By: /s/ STEVEN ROTH

Steven Roth
Chairman of the Board of Trustees
(Principal Executive Officer)

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POWER OF ATTORNEY

Each person whose signature appears below constitutes and appoints Steven Roth, Michael D. Fascitelli and Joseph Macnow, and each of them, his true and lawful attorney-in-fact and agent, with full power of substitution and resubstitution, for him and in his name, place and stead, in any and all capacities, to sign any

and all amendments, including post-effective amendments, to this registration statement, to any related Rule 462(b) registration statement and to any other documents filed with the Securities and Exchange Commission and to file the same, with all exhibits to the registration statement and other documents in connection with the registration statement, with the Securities and Exchange Commission or any other regulatory authority, grants to the attorney-in-fact and agent full power and authority to do and perform each and every act and thing requisite and necessary to be done in and about the premises, as fully to all intents and purposes as he might or could do in person, and ratifies and confirms all that the attorney-in-fact and agent, or his substitute, may lawfully do or cause to be done by virtue of this power of attorney.

Pursuant to the requirements of the Securities Act of 1933, this registration statement has been signed below by the following persons in the capacities and on the date indicated.

By:	/s/ STEVEN ROTH _____ (Steven Roth)	Chairman of the Board of Trustees (Principal Executive Officer)	July 14, 2003
By:	/s/ MICHAEL D. FASCITELLI _____ (Michael D. Fascitelli)	President and Trustee	July 14, 2003
By:	/s/ JOSEPH MACNOW _____ (Joseph Macnow)	Executive Vice President—Finance and Administration and Chief Financial Officer (Principal Financial and Accounting Officer)	July 14, 2003
By:	/s/ ROBERT P. KOGOD _____ (Robert P. Kogod)	Trustee	July 14, 2003
By:	/s/ DAVID MANDELBAUM _____ (David Mandelbaum)	Trustee	July 14, 2003
By:	/s/ STANLEY SIMON _____ (Stanley Simon)	Trustee	July 14, 2003
By:	/s/ ROBERT H. SMITH _____ (Robert H. Smith)	Trustee	July 14, 2003
By:	/s/ RONALD G. TARGAN _____ (Ronald G. Targan)	Trustee	July 14, 2003
By:	_____ (Richard West)	Trustee	July , 2003
By:	/s/ RUSSELL B. WIGHT, JR. _____ (Russell B. Wight, Jr.)	Trustee	July 14, 2003

EXHIBIT INDEX

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[LETTERHEAD OF VENABLE, BAETJER AND HOWARD, LLP]

July 14, 2003

Vornado Realty Trust
888 Seventh Avenue
New York, New York 10019

Re: *Registration Statement on Form S-3*

Ladies and Gentlemen:

We have served as Maryland counsel to Vornado Realty Trust, a Maryland real estate investment trust (the "Company"), in connection with certain matters of Maryland law arising out of the registration of 212,477 shares (the "Shares") of common shares of beneficial interest, par value \$.04 per share, of the Company (the "Common Shares") covered by the above-referenced Registration Statement (the "Registration Statement"), substantially in the form to be filed with the Securities and Exchange Commission (the "Commission") pursuant to the Securities Act of 1933, as amended (the "1933 Act"). The Shares may be issued by the Company, at its election, upon redemption of Class A Units of limited partnership interest in Vornado Realty L.P., a Delaware limited partnership (the "OP"), in accordance with the Operating Partnership Agreement of the OP (the "OP Agreement").

In connection with our representation of the Company, and as a basis for the opinion hereinafter set forth, we have examined originals, or copies certified or otherwise identified to our satisfaction, of the following documents (hereinafter collectively referred to as the "Documents"):

1. The Registration Statement and the related form of prospectus included therein;
2. The Amended and Restated Declaration of Trust of the Company, as amended and supplemented (the "Declaration of Trust"), certified as of a recent date by the State Department of Assessments and Taxation of Maryland (the "SDAT");
3. The Bylaws of the Company, certified as of a recent date by an officer of the Company;
4. Resolutions adopted by the Board of Trustees of the Company relating to the issuance and registration of the Shares, certified as of a recent date by an officer of the Company (the "Resolutions");
5. A certificate of the SDAT as to the good standing of the Company, dated as of a recent date;
6. A certificate executed by an officer of the Company, dated the date hereof; and
7. Such other documents and matters as we have deemed necessary or appropriate to express the opinion set forth in this letter, subject to the assumptions, limitations and qualifications stated herein.

In expressing the opinion set forth below, we have assumed the following:

1. Each individual executing any of the Documents, whether on behalf of such individual or another person, is legally competent to do so.
2. Each individual executing any of the Documents on behalf of a party (other than the Company) is duly authorized to do so.
3. Each of the parties (other than the Company) executing any of the Documents has duly and validly executed and delivered each of the Documents to which such party is a signatory, and such party's obligations set forth therein are legal, valid and binding and are enforceable in accordance with all stated terms.

4. All Documents submitted to us as originals are authentic. The form and content of all Documents submitted to us as unexecuted drafts do not differ in any respect relevant to this opinion from the form and content of such Documents as executed and delivered. All Documents submitted to us as certified or photostatic copies conform to the original documents. All signatures on all such Documents are genuine. All public records reviewed or relied upon by us or on our behalf are true and complete. All representations, warranties, statements and information contained in the Documents are true and complete. There has been no oral or written modification of or amendments to any of the Documents, and there has been no waiver of any of the provisions of any of the Documents, by action or omission of the parties or otherwise.

5. None of the Shares will be issued or transferred in violation of any restriction or limitation contained in the Declaration of Trust.

Based upon the foregoing, and subject to the assumptions, limitations and qualifications stated herein, it is our opinion that:

1. The Company is a real estate investment trust duly formed and existing under and by virtue of the laws of the State of Maryland and is in good standing with the SDAT.
2. The Shares have been duly authorized for issuance and, when and if issued and delivered in the manner described in the Registration Statement, the OP Agreement and the Resolutions, will be (assuming that upon such issuance the total number of Common Shares issued and outstanding will not exceed the total number of Common Shares authorized to be issued under the Declaration of Trust) validly issued, fully paid and nonassessable.

The foregoing opinion is limited to the substantive laws of the State of Maryland and we do not express any opinion herein concerning any other law. We express no opinion as to the applicability or effect of any federal or state securities laws, any federal or state laws regarding fraudulent transfers or any real estate

syndication laws of the State of Maryland. We assume no obligation to supplement this opinion if any applicable law changes after the date hereof or if we become aware of any fact that might change the opinion expressed herein after the date hereof.

This opinion is being furnished to you solely for submission to the Commission as an exhibit to the Registration Statement and, accordingly, may not be relied upon by, quoted in any manner to, or delivered to any other person or entity (other than Sullivan & Cromwell LLP, counsel to the Company) without, in each instance, our prior written consent.

We hereby consent to the filing of this opinion as an exhibit to the Registration Statement and to the use of the name of our firm therein. In giving this consent, we do not admit that we are within the category of persons whose consent is required by Section 7 of the 1933 Act.

Very truly yours,

/s/ Venable, Baetjer and Howard, LLP

[LETTERHEAD OF SULLIVAN & CROMWELL LLP]

July 14, 2003

Vornado Realty Trust,
888 Seventh Avenue,
New York, New York 10019.

Dear Sirs:

We have acted as your counsel in connection with the registration of 212,477 shares of common stock par value \$.04 per share, of Vornado Realty Trust ("Vornado") on the Registration Statement on Form S-3 under the Securities Act of 1933, as amended (the "Registration Statement").

In rendering this opinion, we have reviewed such documents as we have considered necessary or appropriate. In addition, in rendering this opinion, we have relied (i) as to certain factual matters upon the statements and representations contained in the certificates provided to us by Vornado, Two Penn Plaza REIT, Inc. ("Two Penn") and AmeriCold Corporation ("AmeriCold"), each dated July 14, 2003 (the "Vornado Certificates"), (ii) without independent investigation, as to certain factual matters upon the statements and representations contained in the certificate provided to us by Alexander's, Inc. ("Alexander's") dated July 14, 2003 (together with the Vornado Certificates, the "Certificates") and (iii) without independent investigation, upon the opinion of Shearman & Sterling LLP, dated July 14, 2003, concerning the qualification of Alexander's as a real estate investment trust (a "REIT") for federal income tax purposes for each taxable year commencing with its taxable year ending December 31, 1995 (the "Shearman & Sterling Opinion"). We understand that, in providing its Certificates, Vornado is relying upon certificates, dated July 14, 2003, provided to it by David R. Greenbaum.

In rendering this opinion we have also assumed, with your approval, that (i) the statements and representations made in the Certificates are true and correct, (ii) the Certificates have been executed by appropriate and authorized officers of Vornado, Two Penn, AmeriCold and Alexander's and (iii) the assumptions and conditions underlying the Shearman & Sterling Opinion are true and correct.

Based on the foregoing and in reliance thereon and subject thereto and on an analysis of the Code, Treasury Regulations thereunder, judicial authority and current administrative rulings and such other laws and facts as we have deemed relevant and necessary, we hereby confirm our opinion that commencing with its taxable year ending December 31, 1993, Vornado has been organized in conformity with the requirements for qualification as a REIT under the Code, and its proposed method of operation will enable it to satisfy the requirements for qualification and taxation as a REIT. This opinion represents our legal judgment, but it has no binding effect or official status of any kind, and no assurance can be given that contrary positions may not be taken by the Internal Revenue Service or a court.

Vornado's qualification as a REIT will depend upon the continuing satisfaction by Vornado and, given Vornado's current ownership interest in Alexander's, AmeriCold and Two Penn, by each of Alexander's, AmeriCold and Two Penn, of the requirements of the Code relating to qualification for REIT status, which requirements include those that are dependent upon actual operating results, distribution levels, diversity of stock ownership, asset composition, source of income and record keeping. We do not undertake to monitor whether any of Vornado, Alexander's, AmeriCold or Two Penn actually has satisfied or will satisfy the various REIT qualification tests.

We hereby consent to the filing with the Securities and Exchange Commission of this letter as an exhibit to the Registration Statement and the reference to us in the Registration Statement under the caption "Federal Income Tax Considerations". In giving such consent, we do not thereby admit that we are within the category of persons whose consent is required under Section 7 of the Securities Act.

Very truly yours,

/s/ Sullivan & Cromwell LLP

QuickLinks

[\[LETTERHEAD OF SULLIVAN & CROMWELL LLP\]](#)

[LETTERHEAD OF SHEARMAN & STERLING LLP]

July 14, 2003

Vornado Realty Trust
888 Seventh Avenue
New York, New York 10019

Sullivan & Cromwell LLP
125 Broad Street
New York, NY 10004

Alexander's REIT Election

Dear Sirs:

In connection with the registration of 212,477 shares of common stock of Vornado Realty Trust, par value \$.04 per share, on July 14, 2003 on the Registration Statement on Form S-3 under the Securities Act of 1933, as amended (the "Registration"), you have requested our opinion with regard to the election by Alexander's, Inc. ("Alexander's") to be treated for Federal income tax purposes as a real estate investment trust (a "REIT"), within the meaning of section 856(a) of the Internal Revenue Code of 1986, as amended (the "Code"). We understand that Alexander's has elected to be treated as a REIT initially for its taxable year ended December 31, 1995, and intends to continue to be so treated for subsequent taxable years.

In rendering this opinion, we have relied as to certain factual matters upon the statements and representations contained in the certificate provided to us by Alexander's (the "Alexander's Certificate") dated July 14, 2003. We have assumed that the statements made in the Alexander's Certificate are true and correct and that the Alexander's Certificate has been executed by appropriate and authorized officers of Alexander's.

In rendering this opinion, with your permission we have also made the following assumptions, which are based on factual representations made by Alexander's and certified to us:

(a) Alexander's has made a valid election to be taxed as a REIT for its taxable year ended December 31, 1995, which election has not been, and will not be, revoked or terminated.

(b) Since January 1, 1995, the outstanding shares of Alexander's have been held by at least 100 or more persons, and such shares will continue to be held by 100 or more persons.

(c) Not more than 50 percent in value of the outstanding shares of Alexander's have been or will be owned directly or indirectly, actually or constructively (within the meaning of section 542(a)(2) of the Code, as modified by section 856(h) of the Code), by five or fewer individuals (or entities treated as individuals for purposes of section 856(h) of the Code) during the second half of every taxable year following the taxable year ended December 31, 1995.

(d) Alexander's and its subsidiaries (the "Company") will not receive or accrue (and since January 1, 1995, has not received or accrued) any amount that would constitute "rents from real property" (within the meaning of section 856(d)(1) of the Code without regard to section 856(d)(2)(B) of the Code) from (i) any corporation in which it owns (or since July 1, 1994, has owned) (a) 10 percent or more of the total combined voting power of all shares of stock entitled to vote, (b) 10 percent or more of the total number of shares of all classes of stock of such corporation or (c) 10 percent or more of the total value of shares of all classes of stock, or (ii) any unincorporated entity in which it owns (or since July 1, 1994, has owned) an interest of 10 percent or more in the assets or net profits of such person. For purposes of this assumption, ownership is determined in accordance with section 856(d)(5) of the Code.

(e) Alexander's has requested and maintained, and will continue to request and maintain, records concerning ownership of its outstanding shares in accordance with section 857(f)(1) of the Code and Treasury Regulations promulgated thereunder and predecessor requirements.

(f) Alexander's has made and will make distributions to its stockholders sufficient to meet the distribution requirements of section 857(a)(1) of the Code for the taxable year for which the REIT election was made and every subsequent taxable year.

(g) For its taxable year ended December 31, 1995, Alexander's had a deficit in earnings and profits (as defined in the Code) in excess of its accumulated earnings and profits (if any) as of the close of its taxable year ended December 31, 1994.

Based on the foregoing and in reliance thereon and subject thereto and on an analysis of the Code, Treasury Regulations thereunder, judicial authority and current administrative rulings and such other laws and facts as we have deemed relevant and necessary, we are of the opinion that commencing with its taxable year ended December 31, 1995, Alexander's has been organized and operated in conformity with the requirements for qualification and taxation as a REIT under the Code, and its proposed method of operation will enable it to continue to meet the requirements for qualification and taxation as a REIT under the Code.

Qualification of Alexander's as a REIT will depend upon the satisfaction by the Company through actual operating results, distribution levels, diversity of stock ownership and otherwise, of the applicable asset composition, source of income, shareholder diversification, distribution, recordkeeping and other requirements of the Code necessary for a corporation to qualify as a REIT. No assurance can be given that the actual results of the Company's operations for any one taxable year will satisfy all such requirements. We do not undertake to monitor whether the Company actually has satisfied or actually will satisfy the various qualification tests, and we express no opinion whether the Company actually has satisfied or actually will satisfy these various qualification tests.

This opinion is based on current Federal income tax law, and we do not undertake to advise you as to future changes in Federal income tax law that may affect this opinion unless we are specifically engaged to do so. This opinion relates solely to Federal income tax law, and we do not undertake to render any opinion as to the taxation of the Company under any state or local corporate franchise or income tax law.

We hereby consent to the use of our name and the reference to this opinion letter in the opinion letter given by Sullivan & Cromwell LLP in connection with the Registration. In giving such consent, we do not thereby admit that we are within the category of persons whose consent is required under Section 7 of the Securities Act of 1933, as amended.

Very truly yours,

/s/ Shearman & Sterling LLP

REGISTRATION RIGHTS AGREEMENT

THIS REGISTRATION RIGHTS AGREEMENT (this "*Agreement*") is made and entered into as of July 1, 2002 by and between VORNADO REALTY TRUST, a Maryland real estate investment trust (the "*Company*"), and the persons identified on *Schedule A* hereto (each a "*Holder*" and collectively, together with their respective assigns permitted under Section 6.3 hereof, the "*Holder*s").

WHEREAS, the Company, Vornado Realty L.P., a Delaware limited partnership (the "*Partnership*"), Vornado Crystal Gateway L.P., First Gateway Associates Limited Partnership, a Virginia limited partnership ("*FG*"), and Robert H. Smith and Robert P. Kogod, the sole general partners of FG, are parties to the Contribution Agreement and Plan of Merger, dated as of May 17, 2002, as modified pursuant to that certain Letter Agreement, dated as of June 26, 2002 from the Company, Vornado Realty L.P., Vornado Crystal Gateway L.P. and Charles E. Smith Commercial Realty L.P., a wholly-owned subsidiary of Vornado Realty L.P., to FG, pursuant to which FG will convey certain assets and liabilities (the "*Asset Transfer*") to Charles E. Smith Commercial Realty L.P., and, in connection therewith, the Partnership is issuing 212,477 Class A Units (such units, the "*VNOP Units*") to FG for distribution to the Holders as set forth opposite their names on *Schedule A* hereto;

WHEREAS, pursuant to the terms of Section 8.6 and the other related provisions of the Second Amended and Restated Agreement of Limited Partnership of the Partnership (such agreement, as amended from time to time, the "*Partnership Agreement*"), commencing on the first anniversary of the date of issuance, and subject to the various limitations contained in the Partnership Agreement and other instruments being delivered in connection with the Asset Transfer, the Holders will be entitled to redeem their VNOP Units for cash or, at the Company's election, common shares of beneficial interest, par value \$0.04 per share, of the Company ("*Common Shares*");

WHEREAS, the Company has agreed to grant to the Holders the Registration Rights (as defined in Section 1 hereof);

NOW, THEREFORE, the parties hereto, in consideration of the foregoing, and the mutual covenants and agreements hereinafter set forth, hereby agree as follows:

SECTION 1. REGISTRATION RIGHTS

Subject to the various terms and conditions of the Partnership Agreement and the limitations upon Holders' redemption of VNOP Units set forth in other instruments being delivered in connection with the Asset Transfer, if any Holder receives Common Shares upon redemption of VNOP Units held by such Holder ("*Redemption Shares*"), then, unless the Redemption Shares are issued to the Holder pursuant to an Issuer Registration Statement as provided in Section 2 below, each Holder shall be entitled to offer the Redemption Shares for sale pursuant to a shelf registration statement, subject to the terms and conditions set forth in Section 3 hereof (the "*Registration Rights*").

SECTION 2. ISSUER REGISTRATION STATEMENT

Anything contained herein to the contrary notwithstanding, in the event that the Redemption Shares are issued by the Company to a Holder and included at the time of issuance in an effective registration statement (an "*Issuer Registration Statement*") filed with the Securities and Exchange Commission (the "*Commission*"), the Company shall be deemed to have satisfied all of its registration obligations under this Agreement in respect of such Redemption Shares.

SECTION 3. DEMAND REGISTRATION RIGHTS

3.1 (a) *Registration Procedure.* Unless such Redemption Shares are included at the time of issuance in an Issuer Registration Statement as provided in Section 2 above, then subject to Sections 3.1(c) and 3.2 hereof, if any Holder desires to exercise its Registration Rights with respect to the

Redemption Shares, the Holder shall deliver to the Company a written notice (a "*Registration Notice*") informing the Company of such exercise and specifying the number of shares to be offered by such Holder (such shares to be offered being referred to herein as the "*Registrable Securities*"). Such notice may be given at any time on or after the date a notice of redemption is delivered by the Holder to the Partnership pursuant to the Partnership Agreement, but must be given at least sixty (60) days prior to the date on which the Holder desires to consummate the sale of Registrable Securities. Upon receipt of the Registration Notice, the Company, if it has not already caused the Registrable Securities to be included as part of an existing shelf registration statement and related prospectus that the Company then has on file with, and has been declared effective by, the Commission (the "*Shelf Registration Statement*") (in which event the Company shall be deemed to have satisfied its registration obligation under this Section 3), will cause to be filed with the Commission as soon as reasonably practicable after receiving the Registration Notice a new registration statement and related prospectus (a "*New Registration Statement*") that complies as to form in all material respects with applicable Commission rules providing for the sale by such Holder of the Registrable Securities, and agrees (subject to Section 3.2 hereof) to use commercially reasonable efforts to cause such New Registration Statement to be declared effective by the Commission as soon as practicable. (As used herein, "*Registration Statement*" and "*Prospectus*" refer to the Shelf Registration Statement and related prospectus (including any preliminary prospectus) or the New Registration Statement and related prospectus (including any preliminary prospectus), whichever is utilized by the Company to satisfy Holder's Registration Rights pursuant to this Section 3, including in each case any documents incorporated therein by reference).

Subject to Section 3.2 hereof, the Company agrees to use commercially reasonable efforts to keep the Registration Statement effective (including the preparation and filing of any amendments and supplements necessary for that purpose) until the earlier of (i) the forty-sixth (46th) day following commencement of the offering contemplated therein (*provided*, that the forty-five (45) day period will be extended one day for each day that the Company suspends the offering pursuant to its rights in Section 3.2 hereof) or, if sooner, the date on which Holder consummates the sale of all of the Registrable Securities registered under the Registration Statement and (ii) the date on which all of the Registrable Securities are eligible for sale pursuant to Rule 144(k) (or any successor provision) or in a single transaction pursuant to Rule 144(e) (or any successor provision) under the Securities Act of 1933, as amended (the "*Act*"). The Company agrees to provide each exercising Holder a reasonable number of copies of the final Prospectus and any amendments or supplements thereto. Notwithstanding the foregoing, the Company may at any time, in its sole discretion and prior to receiving any Registration Notice from any Holder, include all of any Holder's Redemption Shares or any portion thereof in any Registration Statement (in which event the Company shall be deemed to have satisfied its registration obligation under this Section 3.1(a)).

In connection with any Registration Statement utilized by the Company to satisfy the Registration Rights pursuant to this Section 3, each Holder agrees to cooperate with the Company in connection with the preparation of the Registration Statement, and each Holder agrees that it will (i) respond within five (5) Business Days to any written request by the Company to provide or verify information regarding Holder or Holder's Registrable Securities (including the proposed manner of sale) that may be required to be included in such Registration Statement pursuant to the rules and regulations of the Commission, and (ii) provide in a timely manner information regarding the proposed distribution by such Holder of the Registrable Securities and such other information as may be requested by the Company from time to time in connection with the preparation of and for inclusion in the Registration Statement and related Prospectus. As used in this Agreement, a "Business Day" is any Monday, Tuesday, Wednesday, Thursday or Friday other than a day on which banks and other financial institutions are authorized or required to be closed for business in the State of New York or Maryland.

(b) *Offers and Sales.* All offers and sales by a Holder under the Registration Statement referred to in this Section 3 shall be completed within the period during which the Registration Statement is

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required to remain effective pursuant to Section 3.1(a) above, and upon expiration of such period no Holder will offer or sell any Registrable Securities under the Registration Statement. If directed by the Company, each Holder will return all undistributed copies of the Prospectus in its possession upon the expiration of such period.

(c) *Limitations on Registration Rights.* Each exercise of a Registration Right shall be with respect to a minimum of the lesser of (i) FIFTY THOUSAND (50,000) Redemption Shares and (ii) the total number of Redemption Shares held by the exercising Holder at such time plus the number of Redemption Shares that may be issued upon redemption of VNOP Units by the exercising Holder. The right of any Holder to deliver a Registration Notice commences upon the first date the Holder is permitted to redeem VNOP Units pursuant to the Partnership Agreement and other instruments being delivered in connection with the Asset Transfer. The right of any Holder to deliver a Registration Notice shall expire on the date on which all of the Redemption Shares held by the Holder or issuable upon redemption of Units held by the Holder are eligible for sale pursuant to Rule 144(k) (or any successor provision) or in a single transaction pursuant to Rule 144(e) (or any successor provision) under the Act.

3.2 *Suspension of Offering.* Upon any notice by the Company, either before or after a Holder has delivered a Registration Notice, that a negotiation or consummation of a transaction by the Company or any of its affiliates is pending or an event has occurred, which negotiation, consummation or event would require additional disclosure by the Company in the Registration Statement of material information which the Company has a *bona fide* business purpose for keeping confidential and the non-disclosure of which in the Registration Statement might cause the Registration Statement to fail to comply with applicable disclosure requirements (a "Materiality Notice"), each Holder agrees that it will immediately discontinue offers and sales of the Registrable Securities under the Registration Statement until the Holder receives copies of a supplemental or amended Prospectus that corrects the misstatement(s) or omission(s) referred to above and receives notice that any post-effective amendment has become effective; *provided*, that the Company may delay, suspend or withdraw the Registration Statement for such reason for no more than ninety (90) days after delivery of the Materiality Notice at any one time. If so directed by the Company, Holder will deliver to the Company all copies of the Prospectus covering the Registrable Securities current at the time of receipt of any Materiality Notice.

3.3 *Qualification.* The Company agrees to use commercially reasonable efforts to register or qualify the Registrable Securities by the time the applicable Registration Statement is declared effective by the Commission under all applicable state securities or "blue sky" laws of such jurisdictions as any Holder may reasonably request in writing, to keep each such registration or qualification effective during the period such Registration Statement is required to be kept effective pursuant to this Agreement or during the period offers or sales are being made by Holder after delivery of a Registration Notice to the Company, whichever is shorter, and to do any and all other similar acts and things which may be reasonably necessary or advisable to enable Holder to consummate the disposition of the Registrable Securities owned by Holder in each such jurisdiction; *provided, however*, that the Company shall not be required to (i) qualify generally to do business in any jurisdiction or to register as a broker or dealer in such jurisdiction where it would not otherwise be required to qualify but for this Agreement, (ii) take any action that would cause it to become subject to any taxation in any jurisdiction where it would not otherwise be subject to such taxation or (iii) take any action that would subject it to the general service of process in any jurisdiction where it is not now so subject.

3.4 *Obligations of the Company.* When the Company is required to effect the registration of Redemption Shares under the Act pursuant to Section 3.1 of this Agreement, subject to Section 3.2 hereof, the Company shall:

(a) prepare and file with the Commission (as soon as reasonably practicable after receiving the Registration Notice, and in any event within sixty (60) days after receipt of such Registration

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Notice) the requisite Registration Statement to effect such registration, which Registration Statement shall comply as to form in all material respects with the requirements of the applicable form and include all financial statements required by the Commission to be filed therewith, and the Company shall use commercially reasonable efforts to cause such Registration Statement to become effective; *provided, however*, that before filing a Registration Statement or Prospectus or any amendments or supplements thereto, or comparable statements under securities or "blue sky" laws of any jurisdiction, the Company shall (i) provide each Holder with an adequate and appropriate opportunity to participate in the preparation of such Registration Statement and each Prospectus included therein (and each amendment or supplement thereto or comparable statement) to be filed with the Commission and (ii) not file any such Registration Statement or Prospectus (or amendment or supplement thereto or comparable statement) with the Commission to which any Holder shall have reasonably objected on the grounds that such filing does not comply in all material respects with the requirements of the Act or of the rules or regulations thereunder;

(b) prepare and file with the Commission such amendments and supplements as to the Registration Statement and the Prospectus used in connection therewith as may be necessary (i) to keep such Registration Statement effective and (ii) to comply with the provisions of the Act with respect to the disposition of the Redemption Shares covered by such Registration Statement, in each case for such time as is contemplated in Section 3.1(a) above; *provided*, that in any event the period need not extend beyond nine months from the effective date of the Registration Statement;

(c) furnish, without charge, to the Holders of the securities covered by the Registration Statement, such number of copies of the Registration Statement, each amendment and supplement thereto (in each case including all exhibits), and the Prospectus included in such Registration Statement

(including each preliminary Prospectus) in conformity with the requirements of the Act, and other documents, as the Holders may reasonably request in order to facilitate the public sale or other disposition of the Redemption Shares owned by the Holders;

(d) promptly notify the Holders of securities covered by the Registration Statement: (i) when the Registration Statement, any pre-effective amendment, the Prospectus or any prospectus supplement related thereto or post-effective amendment to the Registration Statement has been filed, and, with respect to the Registration Statement or any post-effective amendment, when the same has become effective, (ii) of any request by the Commission or any state securities or blue sky authority for amendments or supplements to the Registration Statement or the Prospectus related thereto or for additional information, (iii) of the issuance by the Commission of any stop order suspending the effectiveness of the Registration Statement or the initiation or threat of any proceedings for that purpose, and (iv) of the receipt by the Company of any notification with respect to the suspension of the qualification of any Redemption Shares for sale under the securities or "blue sky" laws of any jurisdiction or the initiation of any proceeding for such purpose;

(e) following receipt of a Registration Notice and thereafter until the sooner of completion, abandonment or termination of the offering or sale contemplated thereby and the expiring of the period during which the Company is required to maintain the effectiveness of the related Registration Statement as set forth in Section 3.1(a) above, promptly notify the Holders of securities covered by the Registration Statement: (i) of the existence of any fact of which the Company is aware or the happening of any event which has resulted in (A) the Registration Statement, as then in effect, containing an untrue statement of a material fact or omitting to state a material fact required to be stated therein or necessary to make any statements therein not misleading or (B) the Prospectus included in such Registration Statement containing an untrue statement of a material fact or omitting to state a material fact required to be stated therein or necessary to make any statements therein, in the light of the circumstances under which they were

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made, not misleading and (ii) of the Company's reasonable determination that a post-effective amendment to a Registration Statement would be appropriate or that there exist circumstances not yet disclosed to the public which make further sales under such Registration Statement inadvisable pending such disclosure and post-effective amendment; and, if the notification relates to any event described in either of the clauses (i) or (ii) of this Section 3.4(e), subject to Section 3.2 above, at the request of the Holders, the Company shall prepare and furnish to the Holders of securities covered by the Registration Statement, a reasonable number of copies of a supplement or post-effective amendment to such Registration Statement or related Prospectus or any document incorporated therein by reference or file any other required document so that (1) such Registration Statement shall not contain any untrue statement of a material fact or omit to state a material fact required to be stated therein or necessary to make the statements therein not misleading and (2) as thereafter delivered to the purchasers of the Redemption Shares being sold thereunder, such Prospectus shall not include an untrue statement of a material fact or omit to state a material fact required to be stated therein or necessary to make the statements therein, in the light of the circumstances under which they were made, not misleading;

(f) make available for reasonable inspection by the Holders and any attorney, accountant or other agent retained by any Holder, material financial and other relevant information concerning the business and operations of the Company and the properties of the Company and any subsidiaries thereof as may be in existence at such time as shall be necessary to enable them to conduct a reasonable investigation within the meaning of the Act, and cause the Company's officers, directors and employees to supply such relevant information as may be reasonably requested by any such parties in connection with such Registration Statement; *provided, however*, that, if the Holders or any of their advisors or agents request any information that the Company determines to be confidential or non-public, the Company shall be entitled to condition access to that information upon the Holders and each other recipient of such information having entered into a confidentiality agreement with the Company in form and substance satisfactory to the Company acting reasonably, pursuant to which each such recipient agrees to maintain that information as confidential and use it solely for the purposes of exercising rights under this Agreement, and *provided further*, that the Company shall not be required to disclose any information subject to the attorney-client or attorney work product privilege if and to the extent such disclosure would constitute a waiver of such privilege;

(g) use commercially reasonable efforts to cause all such Redemption Shares to be listed on the national securities exchange on which the Common Shares are then listed, if the listing of Redemption Shares is then permitted under the rules of such national securities exchange; and

(h) if requested by any Holder participating in the offering of Registrable Securities, incorporate in a prospectus supplement or post-effective amendment such information concerning the Holder or the intended method of distribution as the Holder reasonably requests to be included therein and as is appropriate in the reasonable judgment of the Company, including, without limitation, information with respect to the number of Redemption Shares being sold, the purchase price being paid therefor and any other material terms of the offering of the Redemption Shares to be sold in such offering; *provided, however*, that the Company shall not be obligated to include in any such prospectus supplement or post-effective amendment any requested information that is unreasonable in scope compared with the Company's most recent prospectus or prospectus supplement used in connection with a primary or secondary offering of equity securities by the Company.

3.5 *Indemnification by the Company.* The Company agrees to indemnify and hold harmless each Holder and each person, if any, who controls any Holder within the meaning of Section 15 of the Act

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or Section 20 of the Securities Exchange Act of 1934, as amended (the "Exchange Act"), and any of their officers, directors, employees or representatives, as follows:

(i) against any and all loss, liability, claim, damage, judgment and expense whatsoever, as incurred, arising out of or based upon any untrue statement or alleged untrue statement of a material fact contained in any Registration Statement (or any amendment thereto) pursuant to which the Registrable Securities were registered under the Act, including all documents incorporated therein by reference, or the omission or alleged omission therefrom of a material fact required to be stated therein or necessary to make the statements therein not misleading or arising out of or based upon any untrue statement or alleged untrue statement of a material fact contained in any Prospectus (or any amendment or supplement thereto), including all documents incorporated therein by reference, or the omission or alleged omission therefrom of a material fact necessary in order to make the statements therein, in the light of the circumstances under which they were made, not misleading;

(ii) against any and all loss, liability, claim, damage, judgment and expense whatsoever, as incurred, to the extent of the aggregate amount paid in settlement of any litigation, or investigation or proceeding by any governmental agency or body, commenced or threatened, or of any claim whatsoever based upon any such untrue statement or omission, or any such alleged untrue statement or omission, if such settlement is effected with the written consent of the Company; and

(iii) against any and all expense whatsoever, as incurred (including reasonable fees and disbursements of counsel), reasonably incurred in investigating, preparing or defending against any litigation, or investigation or proceeding by any governmental agency or body, commenced or threatened, in each case whether or not a party, or any claim whatsoever based upon any such untrue statement or omission, or any such alleged untrue statement or omission, to the extent that any such expense is not paid under subparagraph (i) or (ii) above;

provided, however, that the indemnity provided pursuant to this Section 3.5 does not apply to any Holder with respect to any loss, liability, claim, damage, judgment or expense to the extent arising out of (A) any untrue statement or omission or alleged untrue statement or omission made in reliance upon and in conformity with written information furnished to the Company by such Holder expressly for use in the Registration Statement (or any amendment thereto) or the Prospectus (or any amendment or supplement thereto), or (B) any Holder's failure to deliver an amended or supplemental Prospectus provided to the Holder by the Company if such loss, liability, claim, damage, judgment or expense would not have arisen had such delivery occurred.

3.6 Indemnification by Holder. Each Holder of securities covered by a Registration Statement (and each permitted assignee of such Holder, on a several basis) severally and not jointly agrees to indemnify and hold harmless the Company, and each of its trustees/directors and officers (including each trustee/director and officer of the Company who signed a Registration Statement), and each person, if any, who controls the Company within the meaning of Section 15 of the Act or Section 20 of the Exchange Act, as follows:

(i) against any and all loss, liability, claim, damage, judgment and expense whatsoever, as incurred, arising out of or based upon any untrue statement or alleged untrue statement of a material fact contained in any Registration Statement (or any amendment thereto) pursuant to which Registrable Securities of such Holder were registered under the Act, including all documents incorporated therein by reference, or the omission or alleged omission therefrom of a material fact required to be stated therein or necessary to make the statements therein not misleading or arising out of or based upon any untrue statement or alleged untrue statement of a material fact contained in any Prospectus (or any amendment or supplement thereto), including all documents incorporated therein by reference, or the omission or alleged omission therefrom of a material fact

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necessary in order to make the statements therein, in the light of the circumstances under which they were made, not misleading;

(ii) against any and all loss, liability, claim, damage, judgment and expense whatsoever, as incurred, to the extent of the aggregate amount paid in settlement of any litigation, or investigation or proceeding by any governmental agency or body, commenced or threatened, or of any claim whatsoever based upon any such untrue statement or omission, or any such alleged untrue statement or omission, if such settlement is effected with the written consent of the Holder; and

(iii) against any and all expense whatsoever, as incurred (including reasonable fees and disbursements of counsel), reasonably incurred in investigating, preparing or defending against any litigation, or investigation or proceeding by any governmental agency or body, commenced or threatened, in each case whether or not a party, or any claim whatsoever based upon any such untrue statement or omission, or any such alleged untrue statement or omission, to the extent that any such expense is not paid under subparagraph (i) or (ii) above;

provided, however, that the indemnity provided pursuant to this Section 3.6 shall only apply with respect to any loss, liability, claim, damage, judgment or expense to the extent arising out of (A) any untrue statement or omission or alleged untrue statement or omission made in reliance upon and in conformity with written information furnished to the Company by such Holder expressly for use in the Registration Statement (or any amendment thereto) or the Prospectus (or any amendment or supplement thereto) or (B) any Holder's failure to deliver an amended or supplemental Prospectus provided to the Holder by the Company if such loss, liability, claim, damage or expense would not have arisen had such delivery occurred. Notwithstanding the provisions of this Section 3.6, a Holder and any permitted assignee shall not be required to indemnify the Company, its officers, trustees/directors or control persons with respect to any amount in excess of the amount of the total proceeds to the Holder or such permitted assignee, as the case may be, from sales of the Registrable Securities of the Holder under the Registration Statement.

3.7 Conduct of Indemnification Proceedings. An indemnified party hereunder shall give reasonably prompt notice to the indemnifying party of any action or proceeding commenced against it in respect of which indemnity may be sought hereunder, but failure to so notify the indemnifying party (i) shall not relieve it from any liability which it may have under the indemnity agreement provided in Section 3.5 or 3.6 above, unless and only to the extent it did not otherwise learn of such action and the lack of notice by the indemnified party results in the forfeiture by the indemnifying party of substantial rights and defenses, and (ii) shall not, in any event, relieve the indemnifying party from any obligations to any indemnified party other than the indemnification obligation provided under Section 3.5 or 3.6 above. If the indemnifying party so elects within a reasonable time after receipt of such notice, the indemnifying party may assume the defense of such action or proceeding at such indemnifying party's own expense with counsel chosen by the indemnifying party and approved by the indemnified party, which approval shall not be unreasonably withheld; *provided, however*, that the indemnifying party will not settle any such action or proceeding without the written consent of the indemnified party unless, as a condition to such settlement, the indemnifying party secures the unconditional release of the indemnified party; and *provided further*, that, if the indemnified party reasonably determines that a conflict of interest exists where it is advisable for the indemnified party to be represented by separate counsel or that, upon advice of counsel, there may be legal defenses available to it which are different from or in addition to those available to the indemnifying party, then the indemnifying party shall not be entitled to assume such defense and the indemnified party shall be entitled to separate counsel at the indemnifying party's expense. If the indemnifying party is not entitled to assume the defense of such action or proceeding as a result of the second proviso to the preceding sentence, the indemnifying party's counsel shall be entitled to conduct the indemnifying party's defense and counsel for the indemnified party shall be entitled to conduct the defense of the indemnified party, it being understood

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that both such counsel will cooperate with each other to conduct the defense of such action or proceeding as efficiently as possible. If the indemnifying party is not so entitled to assume the defense of such action or does not assume such defense, after having received the notice referred to in the first sentence of this paragraph, the indemnifying party will pay the reasonable fees and expenses of counsel for the indemnified party. In such event, however, the indemnifying party

will not be liable for any settlement effected without the written consent of the indemnifying party. If an indemnifying party is entitled to assume, and assumes, the defense of such action or proceeding in accordance with this paragraph, the indemnifying party shall not be liable for any fees and expenses of counsel for the indemnified party incurred thereafter in connection with such action or proceeding.

3.8 Contribution. In order to provide for just and equitable contribution in circumstances in which the indemnity agreement provided for in Sections 3.5 and 3.6 above is for any reason held to be unenforceable by the indemnified party although applicable in accordance with its terms, the Company and the relevant Holder shall contribute to the aggregate losses, liabilities, claims, damages and expenses of the nature contemplated by such indemnity agreement incurred by the Company and the Holder, (i) in such proportion as is appropriate to reflect the relative fault of and benefits to the Company on the one hand and the Holder on the other hand, in connection with the statements or omissions which resulted in such losses, claims, damages, liabilities, or expenses or (ii) if the allocation provided by clause (i) above is not permitted by applicable law, in such proportion as is appropriate to reflect not only the relative fault of, but also the relative benefits to, the Company on the one hand and the Holder on the other hand, in connection with the statements or omissions which resulted in such losses, claims, damages, liabilities or expenses, as well as any other relevant equitable considerations. The relative benefits to the indemnifying party and indemnified party shall be determined by reference to, among other things, the total proceeds received by the indemnifying party and indemnified party in connection with the offering to which such losses, claims, damages, liabilities or expenses relate. The relative fault of the indemnifying party and indemnified party shall be determined by reference to, among other things, whether the action in question, including any untrue or alleged untrue statement of a material fact or omission or alleged omission to state a material fact, has been made by, or relates to information supplied by, the indemnifying party or the indemnified party, and the parties' relative intent, knowledge, access to information and opportunity to correct or prevent such action.

The parties hereto agree that it would not be just or equitable if contribution pursuant to this Section 3.8 were determined by *pro rata* allocation or by any other method of allocation which does not take account of the equitable considerations referred to in the immediately preceding paragraph. Notwithstanding the provisions of this Section 3.8, a Holder shall not be required to contribute any amount in excess of the amount of the total proceeds to the Holder from sales of the Registrable Securities of such Holder under the Registration Statement.

Notwithstanding the foregoing, no person guilty of fraudulent misrepresentation (within the meaning of Section 11(f) of the Act) shall be entitled to contribution from any person who was not guilty of such fraudulent misrepresentation. For purposes of this Section 3.8, each person, if any, who controls a Holder within the meaning of Section 15 of the Act shall have the same rights to contribution as the Holder, and each trustee/director of the Company, each officer of the Company who signed a Registration Statement and each person, if any, who controls the Company within the meaning of Section 15 of the Act shall have the same rights to contribution as the Company.

SECTION 4. EXPENSES

The Company shall pay all expenses incident to the performance by the Company of its registration obligations under Sections 2 and 3 above, including (i) all stock exchange, Commission and state securities registration, listing and filing fees, (ii) all expenses incurred in connection with the preparation, printing and distribution of any Issuer Registration Statement or Registration Statement

and Prospectus, and (iii) fees and disbursements of counsel for the Company and of the independent public accountants of the Company. Each Holder shall be responsible for the payment of any brokerage and sales commissions, fees and disbursements of the Holder's counsel, accountants and other advisors, and any transfer taxes relating to the sale or disposition of the Registrable Securities by such Holder pursuant to this Agreement.

SECTION 5. RULE 144 COMPLIANCE

The Company covenants that it will use its best efforts to timely file the reports required to be filed by the Company under the Act and the Exchange Act so as to enable each Holder to sell Registrable Securities pursuant to Rule 144 under the Act. In connection with any sale, transfer or other disposition by a Holder of any Registrable Securities pursuant to Rule 144 under the Act, the Company shall cooperate with the Holder to facilitate the timely preparation and delivery of certificates representing Registrable Securities to be sold and not bearing any Securities Act legend, and enable certificates for such Registrable Securities to be for such number of shares and registered in such names as Holder may reasonably request at least ten (10) Business Days prior to any sale of Registrable Securities hereunder.

SECTION 6. MISCELLANEOUS

6.1 Integration; Amendment. This Agreement constitutes the entire agreement among the parties hereto with respect to the matters set forth herein and supersedes and renders of no force and effect all prior oral or written agreements, commitments and understandings among the parties with respect to the matters set forth herein. Except as otherwise expressly provided in this Agreement, no amendment, modification or discharge of this Agreement shall be valid or binding unless set forth in writing and duly executed by the Company and each Holder against whom such amendment, modification or discharge is sought to be enforced.

6.2 Waivers. No waiver by a party hereto shall be effective unless made in a written instrument duly executed by the party against whom such waiver is sought to be enforced, and only to the extent set forth in such instrument. Neither the waiver by any of the parties hereto of a breach or a default under any of the provisions of this Agreement, nor the failure of any of the parties, on one or more occasions, to enforce any of the provisions of this Agreement or to exercise any right or privilege hereunder shall thereafter be construed as a waiver of any subsequent breach or default of a similar nature, or as a waiver of any such provisions, rights or privileges hereunder.

6.3 Assignment; Successors and Assigns. This Agreement and the rights granted hereunder may not be assigned by any Holder without the written consent of the Company; *provided, however*, that a Holder may assign its rights and obligations hereunder, to a transferee in connection with a transfer of some or all of such Holder's VNOP Units in accordance with the terms of the Partnership Agreement, if such transferee agrees in writing to be bound by all of the provisions hereof. This Agreement shall inure to the benefit of and be binding upon of all of the parties hereto and their respective successors and permitted assigns.

6.4 Notices. All notices called for under this Agreement shall be in writing and shall be deemed given upon receipt if delivered personally or by facsimile transmission and followed promptly by mail, or mailed by registered or certified mail (return receipt requested), postage prepaid, to the parties at the addresses set forth in *Schedule A* hereto, or to any other address or addressee as any party entitled to receive notice under this Agreement shall designate, from time to time, to

others in the manner provided in this Section 6.4 for the service of notices; *provided, however*, that notices of a change of address shall be effective only upon receipt thereof. Any notice delivered to the party hereto to whom it is addressed shall be deemed to have been given and received on the day it was received; *provided, however*, that if such day is not a Business Day, then the notice shall be deemed to have been given

and received on the Business Day next following such day and if any party rejects delivery of any notice attempted to be given hereunder, delivery shall be deemed given on the date of such rejection. Any notice sent by facsimile transmission shall be deemed to have been given and received on the Business Day next following the transmission.

6.5 *Specific Performance.* The parties hereto acknowledge that the obligations undertaken by them hereunder are unique and that there would be no adequate remedy at law if any party fails to perform any of its obligations hereunder, and accordingly agree that each party, in addition to any other remedy to which it may be entitled at law or in equity, shall be entitled to (i) compel specific performance of the obligations, covenants and agreements of any other party under this Agreement in accordance with the terms and conditions of this Agreement and (ii) obtain preliminary injunctive relief to secure specific performance and to prevent a breach or contemplated breach of this Agreement in any court of the United States or any State thereof having jurisdiction.

6.6 *Governing Law.* This Agreement, the rights and obligations of the parties hereto, and any claims or disputes relating thereto, shall be governed by and construed in accordance with the laws of the State of New York, but not including the choice of law rules thereof.

6.7 *Headings.* Section and subsection headings contained in this Agreement are inserted for convenience of reference only, shall not be deemed to be a part of this Agreement for any purpose, and shall not in any way define or affect the meaning, construction or scope of any of the provisions hereof.

6.8 *Pronouns.* All pronouns and any variations thereof shall be deemed to refer to the masculine, feminine, neuter, singular or plural, as the identity of the person or entity may require.

6.9 *Execution in Counterparts.* To facilitate execution, this Agreement may be executed in as many counterparts as may be required. It shall not be necessary that the signature of or on behalf of each party appears on each counterpart, but it shall be sufficient that the signature of or on behalf of each party appears on one or more of the counterparts. All counterparts shall collectively constitute a single agreement. It shall not be necessary in any proof of this Agreement to produce or account for more than a number of counterparts containing the respective signatures of or on behalf of all of the parties.

6.10 *Severability.* If fulfillment of any provision of this Agreement, at the time such fulfillment shall be due, shall transcend the limit of validity prescribed by law, then the obligation to be fulfilled shall be reduced to the limit of such validity; and if any clause or provision contained in this Agreement operates or would operate to invalidate this Agreement, in whole or in part, then such clause or provision only shall be held ineffective, as though not herein contained, and the remainder of this Agreement shall remain operative and in full force and effect.

Signatures on following page

IN WITNESS WHEREOF, each of the parties hereto has caused this Agreement to be duly executed on its behalf as of the date first herein above set forth.

VORNADO REALTY TRUST

By: /s/ JOSEPH MACNOW

Name: Joseph Macnow
Title: Executive Vice President—Finance and Administration and
Chief Financial Officer

ROBERT H. SMITH,
as a Representative of the Holders

By: /s/ ROBERT H. SMITH

Name: Robert H. Smith

ROBERT P. KOGOD,
as a Representative of the Holders

By: /s/ ROBERT P. KOGOD

Name: Robert P. Kogod

SCHEDULE A

Holders (Name and Address)	VNOP Units
Alan L. Potter & Louise B. Potter TTS of the Alan L. Potter Trust U/D/D May 12, 1998	1,221
Alan Levy & Betty Anne Levy	1,629
Alexander M Lankler	3,257
Anthony E. Ciuca	1,629
Charles Jay Pilzer	814
Charlotte K. Weihe	2,036
David L. Bazelon & Richard L. Bazelon, TTS under Deed of Trust Dated January 16, 1986	4,886
E. Matthew Hause	1,629
Edwin H. Weihe	509
EG Trust DTD 11-18-94	1,629
Elsie Dekelboum, Trustee Under Revocable Trust Agreement Dated November 16, 2000	9,771
Eric M. Seidel	543
Eric P. Handler	3,257
Estate of Kirsten P. Strassman	2,443
Faye S. Green	1,629
First Gateway Employees Associates LP	22,800
Florence Most Trustee, Trust Under the Will of Paul M. Most dated 2/26/86	1,629
Frederick Paul Wrieden	1,629
Gerald Chasen Custodian for Arlene Joy Chasen	1,629
Gerald E. Burg	1,629
Geraldine F. Pilzer	814
Glenda S. Potter	543
Harriett K. Bobb	1,629
James M. Bonner	543
Jill Noreen Shaffer	814
Jodi Jaffe	1,629
John A. Harris Living Trust	1,629
John F. Rihtarchik	1,629
John H. Tribble	1,629
John Scott Ogden & Nancy N. Ogden	1,629
Joseph A. Klea Jr.	1,629
Joseph J. Burns & Beverly M. Burns	1,629
Juliana C. Weihe Living Trust	509
Keith M. Poore Trust Dated August 28, 1998	1,629
Kenneth H. Seidel	543
Kenneth S. Potter	543
Kogod Family Holding Group, LLC	32,343
Kristin Weihe Middleton	509
Laura A. Glassman	814
Lawrence A. Fleischman Non Exempt Trust U/ Article Eighth (A) of the Last Will and Testament, Tax ID # 13-7220298, Date of Death 1/31/97	1,629
Lawrence D. Barkman	3,257
Lawrence Demaree	1,629
Leslie Glassman Trust (1984)	208
Lester B. Seidel	543
Linda M. Gitelson or Stanley H. Gitelson	1,629
Lisa Chasen Cummins	1,629
Lisa M. Weihe	509
Lois M. Ribicoff	6,514
Mark Handler	3,257
Martha Fleischman	1,629
Marvin Dekelboum Revocable Trust u/a/d 5/18/01	9,771
Marvin Kogod Revocable Trust, Marvin Kogod Trustee	1,629
Meyer Bobrow	3,257
Miriam B. Knox	1,629
Miriam H. Smith	1,629
Ms. Robin Howard	1,629
Muriel Kogod Revocable Trust, Muriel Kogod, Trustee	1,629
Norman A. Kass	1,629
Norman Bernstein	3,257
Paul R. Glassman	190
Pauline Dorothy Altman, Successor Trustee to Irwin Altman, TTE Under Trust Agreement Dated May 4, 1984	1,629
Pauline Dorothy Altman, TTE Under Trust Agreement Dated February 18, 2000	1,629
RAK-LAK II LLC	3,257
RAK-LEK II LLC	3,257
RAK-SAK II LLC	3,257
Rebecca N. Fleischman	1,629

Reva Glassman Trust (1984)	208
Richard B. Kassin Revocable Trust	1,629
Richard Lee Potter	407
Robert A. Shapiro	1,629
Robert R. Parks	5,863
Robert W. Davidson Jr. & Charlotte A. Davidson	1,629
Roger L. Weeks	1,629
Ronald Schreiber & Leslie Schreiber	3,257
Rudolph G. Wunderlich	1,629
Sandra Glassman Trust (1984)	208
Stephen Altman & Maxine D. Altman	1,629
Stuart A. Gorewitz & Elizabeth A. Gorewitz T/E	1,629
The Girls Partnership	3,257
Timothy J. Shaffer	814
Wilbur Leventer & Barbara Leventer	1,629
William B. Lawson & Marjory P. Lawson	3,257
Totals	212,477

QuickLinks

[REGISTRATION RIGHTS AGREEMENT](#)
[SCHEDULE A](#)

[LETTERHEAD OF DELOITTE & TOUCHE LLP]

July 14, 2003
Vornado Realty Trust
New York, New York

We have made a review, in accordance with standards established by the American Institute of Certified Public Accountants, of the unaudited interim financial information of Vornado Realty Trust for the periods ended March 31, 2003 and 2002, as indicated in our report dated May 7, 2003; because we did not perform an audit, we expressed no opinion on that information.

We are aware that our report referred to above, which was included in your Quarterly Report on Form 10-Q for the quarter ended March 31, 2003, is being used in this Registration Statement.

We also are aware that the aforementioned report, pursuant to Rule 436(c) under the Securities Act of 1933, is not considered a part of the Registration Statement prepared or certified by an accountant or a report prepared or certified by an accountant within the meaning of Sections 7 and 11 of that Act.

/s/ Deloitte & Touche LLP
Parsippany, New Jersey

[LETTERHEAD OF DELOITTE & TOUCHE LLP]

INDEPENDENT AUDITORS' CONSENT

We consent to the incorporation by reference in this Registration Statement of Vornado Realty Trust on Form S-3 of our report dated March 6, 2003, which report expresses an unqualified opinion and includes an explanatory paragraph relating to the Company's adoption of SFAS No. 142 "*Goodwill and Other Intangible Assets*" on January 1, 2002, appearing in the Annual Report on Form 10-K of Vornado Realty Trust for the year ended December 31, 2002, and to the reference to us under the heading "Experts" in the Prospectus, which is part of such Registration Statement.

/s/ Deloitte & Touche LLP
Parsippany, New Jersey
July 14, 2003
