

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

FORM 10-K

(MARK ONE)

ANNUAL REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934

For the fiscal year ended December 31, 2021

or

TRANSITION REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934

For the transition period from to

Commission File Number 001-34856



THE HOWARD HUGHES CORPORATION

(Exact name of registrant as specified in its charter)

Delaware

36-4673192

(State or other jurisdiction of incorporation or organization)

(I.R.S. Employer Identification Number)

9950 Woodloch Forest Drive, Suite 1100, The Woodlands, Texas 77380

(Address of principal executive offices, including zip code)

Registrant's telephone number, including area code **(281) 719-6100**

Securities registered pursuant to Section 12(b) of the Act:

<u>Title of each class:</u>	<u>Trading Symbol(s)</u>	<u>Name of each exchange on which registered:</u>
Common stock, par value \$0.01 per share	HHC	New York Stock Exchange

Indicate by check mark if the registrant is a well-known seasoned issuer, as defined in Rule 405 of the Securities Act. Yes No

Indicate by check mark if the registrant is not required to file reports pursuant to Section 13 or Section 15(d) of the Act. Yes No

Indicate by check mark whether the registrant (1) has filed all reports required to be filed by Section 13 or 15(d) of the Securities Exchange Act of 1934 during the preceding 12 months (or for such shorter period that the registrant was required to file such reports), and (2) has been subject to such filing requirements for the past 90 days. Yes No

Indicate by check mark whether the registrant has submitted electronically every Interactive Data File required to be submitted pursuant to Rule 405 of Regulation S-T (§232.405 of this chapter) during the preceding 12 months (or for such shorter period that the registrant was required to submit such files). Yes No

Indicate by check mark whether the registrant is a large accelerated filer, an accelerated filer, a non-accelerated filer, a smaller reporting company, or an emerging growth company. See the definitions of "large accelerated filer," "accelerated filer," "smaller reporting company," and "emerging growth company" in Rule 12b-2 of the Exchange Act.

Large accelerated filer Accelerated filer Emerging growth company
Non-accelerated filer Smaller reporting company

If an emerging growth company, indicate by check mark if the registrant has elected not to use the extended transition period for complying with any new or revised financial accounting standards provided pursuant to Section 13(a) of the Exchange Act.

Indicate by check mark whether the registrant has filed a report on and attestation to its management's assessment of the effectiveness of its internal control over financial reporting under Section 404(b) of the Sarbanes-Oxley Act (15 U.S.C. 7262(b)) by the registered public accounting firm that prepared or issued its audit report.

Indicate by check mark whether the registrant is a shell company (as defined in Rule 12b-2 of the Act). Yes No

As of June 30, 2021, the aggregate market value of the registrant's common stock held by non-affiliates of the registrant was approximately \$2.9 billion based on the closing sale price as reported on the New York Stock Exchange.

The number of shares of common stock, \$0.01 par value, outstanding as of February 22, 2022 was 54,084,378.

DOCUMENTS INCORPORATED BY REFERENCE

Portions of the registrant's Proxy Statement for its 2021 Annual Meeting of Stockholders are incorporated by reference in Items 10, 11, 12, 13 and 14 of Part III of this Annual Report on Form 10-K. The registrant intends to file its Proxy Statement with the Securities and Exchange Commission within 120 days of the registrant's fiscal year ended December 31, 2021.

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CAUTIONARY STATEMENT REGARDING FORWARD-LOOKING STATEMENTS

Throughout this Annual Report on Form 10-K (Annual Report), references to the “Company,” “HHC,” “we,” and “our” refer to The Howard Hughes Corporation and its consolidated subsidiaries, unless the context requires otherwise. This Annual report contains forward-looking statements within the meaning of Section 27A of the Securities Act of 1933 (Securities Act) and Section 21E of the Securities Exchange Act of 1934 (Exchange Act). All statements other than statements of historical fact included in this Annual Report are forward-looking statements. Forward-looking statements give our current expectations relating to our financial condition, results of operations, plans, objectives, future performance, or business. You can identify forward-looking statements by the fact that they do not relate strictly to current or historical facts. These statements may include words such as “anticipate,” “believe,” “estimate,” “expect,” “forecast,” “intend,” “likely,” “may,” “plan,” “project,” “realize,” “should,” “transform,” “would,” and other statements of similar expression. Forward-looking statements should not be relied upon. They give our expectations about the future and are not guarantees.

Currently, one of the most significant factors is the potential adverse effects of the current pandemic of the novel strain of coronavirus (COVID-19) on the financial condition, results of operations, cash flows and performance of our Company, our industry, and the global economy and financial markets. The extent to which COVID-19 will continue to impact us will depend on future developments, which remain uncertain and cannot be predicted with confidence, including the scope, severity and duration of the pandemic, the actions taken to contain or mitigate its impact, the speed of distribution and effectiveness of vaccines, the impact of ongoing and future mutations of the virus, and the short and long-term economic and consumer behavior, and the direct and indirect economic impact caused by the pandemic and related containment measures, among others. Moreover, you should interpret many of the risks identified in this Annual Report, as well as the risks set forth below, as being heightened as a result of the ongoing and numerous adverse impacts of COVID-19. Forward-looking statements include:

- the projected impact of the ongoing COVID-19 pandemic on our business, our tenants and the economy in general, including the resurgence of cases related to the spread of the Delta, Omicron or other potential variants, the increase of COVID-19 cases in regions where we operate, and numerous governmental restrictions and other orders instituted in response to the COVID-19 pandemic and as described above, and our ability to accurately assess and predict such impacts on the financial condition, results of operations, cash flows and performance of our Company
- the proposed sale of our non-core assets and accelerated growth in our core Master Planned Communities (MPC) assets
- expected performance of our stabilized, income-producing properties and the performance and stabilization timing of properties that we have recently placed into service or are under construction
- forecasts of our future economic performance
- expected capital required for our operations and development opportunities for our properties
- impact of technology on our operations and business
- expected performance of our segments
- expected commencement and completion for property developments and timing of sales or rentals of certain properties
- estimates of our future liquidity, development opportunities, development spending and management plans; and
- descriptions of assumptions underlying or relating to any of the foregoing

These statements involve known and unknown risks, uncertainties and other factors that may cause our actual results, performance and achievements to materially differ from any future results, performance and achievements expressed or implied by such forward-looking statements. Factors that could cause actual results to differ materially from those expressed or implied by the forward-looking statements include:

- the impact of COVID-19 on our businesses, our tenants and the economy, including as described above
- our inability to obtain operating and development capital, including our inability to obtain or refinance debt capital from lenders and the capital markets
- a prolonged recession in the national economy, including any adverse business or economic conditions in the homebuilding, condominium development, retail and office sectors
- our ability to successfully identify, acquire, develop and/or manage properties on terms that are favorable to us
- our ability to compete effectively, including the potential impact of heightened competition for tenants and potential decreases in occupancy at our properties
- general inflation, including core and wage inflation; commodity and energy price and currency volatility; as well as monetary, fiscal and policy interventions in anticipation of our reaction to such events, including increases in interest rates
- mismatch of supply and demand, including interruptions of supply lines
- our ability to successfully dispose of non-core assets on terms favorable to us
- the successful transition of our new executive officers

- extreme weather conditions or climate change, including natural disasters, that may cause property damage or interrupt business
- contamination of our property by hazardous or toxic substances
- terrorist activity, acts of violence, or breaches of our data security
- losses that are not insured or exceed the applicable insurance limits
- our ability to lease new or redeveloped space
- our ability to obtain the necessary governmental permits for the development of our properties and necessary regulatory approvals pursuant to an extensive entitlement process involving multiple and overlapping regulatory jurisdictions, which often require discretionary action by local governments
- increased construction costs exceeding our original estimates, delays or overruns, claims for construction defects, or other factors affecting our ability to develop, redevelop or construct our properties
- regulation of the portion of our business that is dedicated to the formation and sale of condominiums, including regulatory filings to state agencies, additional entitlement processes and requirements to transfer control to a condominium association’s board of directors in certain situations, as well as potential defaults by purchasers on their obligations to purchase condominiums
- fluctuations in regional and local economies, the residential housing and condominium markets, local real estate conditions, tenant rental rates and competition from competing retail properties and the internet
- inherent risks related to disruption of information technology networks and related systems, including cyber security attacks
- our ability to attract and retain key personnel
- our ability to collect rent and attract tenants
- our indebtedness, including our \$750,000,000 5.375% Senior Notes due 2028, \$650,000,000 4.125% Senior Notes due 2029, \$650,000,000 4.375% Senior Notes due 2031, Term Loan and Revolver Loan which, in the case of the Term Loan and Revolver Loan, are secured by first priority security interests in real property owned by certain subsidiaries of the Company and all of which contain restrictions that may limit our ability to operate our business
- our directors’ involvement or interests in other businesses, including real estate activities and investments
- our inability to control certain of our properties due to the joint ownership of such property and our inability to successfully attract desirable strategic partners
- catastrophic events or geopolitical conditions, such as the ongoing COVID-19 pandemic and resurgence of different variants that may disrupt our business; and
- the other risks described in Item 1. *Business*, Item 1A. *Risk Factors* and Item 7. *Management’s Discussion and Analysis of Financial Condition and Results of Operations* of this Annual Report

Any factor could, by itself, or together with one or more other factors, adversely affect our business, results of operations, plans, objectives, future performance or financial condition. Other factors not described in this Annual Report also could cause results to differ from our expectations. Given these risks and uncertainties, you are cautioned not to place undue reliance on such forward-looking statements. These forward-looking statements present our estimates and assumptions only as of the date of this Annual Report. Except as may be required by law, we undertake no obligation to modify or revise any forward-looking statements to reflect events or circumstances occurring after the date of this Annual Report.

PART I**Item 1. Business****OVERVIEW**

Our award-winning assets include one of the nation's largest portfolios of master planned communities (MPCs) spanning approximately 118,000 gross acres, as well as operating properties, strategic developments, and other unique assets across 9 states from New York to Hawai'i. We create some of the most sought-after communities in the country by curating an environment tailored to meet the needs of our residents and tenants. Our unique business model allows us to drive outsized risk-adjusted returns while maintaining a sharp focus on sustainability to ensure our communities are equipped with the resources to last several decades.

We operate through four business segments: Operating Assets, MPCs, Strategic Developments and Seaport. We create a unique and continuous value-creation cycle through our operational and financial synergies associated with our three primary business segments of Operating Assets, MPCs and Strategic Developments. In our MPC segment, we plan, develop and manage small cities and large-scale, mixed-use communities, in markets with strong long-term growth fundamentals. This business focuses on the horizontal development of residential land. The improved acreage is then sold to homebuilders that build and sell homes to new residents. New homeowners create demand for commercial developments, such as retail, office, self-storage and hospitality offerings. We build these commercial properties through Strategic Developments at the appropriate time using the cash flow harvested from the sale of land to homebuilders, which helps mitigate development risk. Once the commercial developments are completed, the assets transition to Operating Assets, which increase recurring Net Operating Income (NOI), further funding our Strategic Developments. New office, retail and other commercial amenities make our MPC residential land more appealing to buyers and increase the velocity of land sales at premiums that typically exceed the broader market. This increased demand for residential land generates more cash flow from MPCs, thus continuing the value-creation cycle. Our fourth business segment, the Seaport, is one of the few multi-block districts largely under private management by a single owner in New York City. This historic waterfront area is being revitalized and enhanced into a mixed-use neighborhood featuring unique culinary and entertainment offerings.

Our assets are located across the United States with the vast majority of the assets in our Operating Assets segment located within our MPCs. This helps us achieve scale and, in most cases, critical mass, which leads to; pricing power in lease and vendor negotiations; increased ability to attract, hire and retain the best local leadership and leasing teams; flexibility to meet changing customer demands; and enhanced ability to identify and capitalize on emerging opportunities. Our MPCs, including our Trillium joint venture, span approximately 118,000 gross acres, with approximately 25,000 residential acres of land remaining to be developed and sold in high demand geographic areas. In addition to the residential land, our MPC segment contains approximately 13,000 acres designated for commercial development or sale to non-competing users such as hospitals. This land is held in our MPC segment until we identify demand for a new commercial development, at which point the land is transitioned into our Strategic Developments segment.

We were incorporated in Delaware in 2010. Through our predecessors, we have been in business for several decades. Financial information about each of our segments is presented in Note 18 - *Segments* in the Notes to Consolidated Financial Statements under Item 8 of this Form 10-K.

Douglas Ranch Acquisition

In October 2021, HHC announced the launch of Douglas Ranch, a new large-scale master planned community in the West Valley of the greater Phoenix, Arizona area. The Company closed on the all-cash purchase of approximately 33,810 acres for a purchase price of \$541.0 million. The purchase price includes an option for the seller, JDM Partners, to reacquire a 50% interest in the property for an additional \$236.8 million, with \$33.8 million of the original purchase price being credited to the seller upon exercise of the option for a total capital contribution of \$270.6 million. If the option is not exercised by the seller, the \$33.8 million will be returned to the Company. Simultaneous with the land acquisition, the Company closed on the acquisition of a 50% interest in Trillium Development Holding Company, LLC, for \$59.0 million. This development holding company owns approximately 3,029 acres of land in the greater Phoenix, Arizona area. Trillium is Douglas Ranch's first village to begin development with land sales expected to occur in the first half of 2022. In total, the Douglas Ranch MPC encompasses almost 37,000 fully-entitled, "shovel-ready" acres and is poised for growth with in-place entitlements for 100,000 residential homes and 55 million square feet of commercial development.

Executive Transition

Effective January 12, 2022, with the Company's announcement, Carlos Olea was appointed to serve as the Company's Chief Financial Officer (CFO). Mr. Olea succeeds Correne Loeffler, who assumed the Company's CFO role in 2021 after HHC's then-CFO, David O'Reilly, was appointed as Chief Executive Officer.

Mr. Olea has been with The Howard Hughes Corporation since 2017 and has served as the company's Chief Accounting Officer since 2019, overseeing the financial accounting strategy for the one of the nation's largest portfolios of MPCs during a time of outstanding growth. Prior to joining HHC, Mr. Olea served as Chief Accounting Officer at Carr Properties, a Washington, D.C.-based owner-operator and developer. Previously, he was a Senior Manager with the Advisory Services practice of Ernst and Young and a Director of Technical Accounting and Financial Reporting with AvalonBay Communities in Arlington, Virginia.

Our Competitive Strengths

We believe that we distinguish ourselves from other real estate companies through the following competitive strengths:

- *Management Team with Track Record of Value Creation.* We have completed the development of over 7.1 million square feet of office and retail operating properties, 3,807 multi-family units and 909 hospitality keys since 2011. Excluding land which we own, we have invested approximately \$2.6 billion in these developments, which is projected to generate a 9.5% yield on cost, or \$248.6 million per year of NOI upon stabilization. At today's market cap rates, this implies value creation to our shareholders in excess of \$1.5 billion. Our investment of approximately \$690.4 million of cash equity in our development projects since inception, which is computed as total costs excluding land less the related construction debt, is projected to generate a 23.4% return on cash equity assuming a 4.5% cost of debt, which approximates our weighted-average cost. These investments and returns exclude condominium development as well as projects under construction such as the Seaport. We exclude condominium developments since they do not result in recurring NOI, and we exclude projects under development due to the wider range of NOI they are expected to generate upon stabilization. In Ward Village, we have either opened or have under construction 3,046 condominium units, which have approximately 95.3% units sold as of December 31, 2021.
- *Unique, Diverse Portfolio.* We own a portfolio with many diverse market leading assets located across nine states with a combination of steady cash flow and longer-term value creation opportunities.
- *Significant Value Creation Opportunity.* We own one of the preeminent development pipelines in the world, and with the acquisition of Douglas Ranch, we now have over 100 million square feet of vertical entitlements remaining across our portfolio. This represents approximately 14 times the 7.1 million square feet we have delivered in the last eleven years without having to acquire another development site or external asset, which we believe is a significant competitive advantage over other real estate development corporations.
- *Flexible Balance Sheet.* After the \$600.0 million all-cash acquisition of Douglas Ranch and Trillium in the fourth quarter of 2021, we ended the year with \$843.2 million of cash on hand. As of December 31, 2021, our total debt equaled approximately 47.9% of the book value of our total assets, which we believe is significantly less than our market value. Our net debt, which includes our share of debt of Real estate and other affiliates less cash and Special Improvement District (SID) and Municipal Utility District (MUD) receivables, equaled approximately 38.6% of our total enterprise value. Real estate and other affiliates refers to partnerships or joint ventures primarily for the development and operation of real estate assets. Our strong balance sheet provides substantial insulation against potential downturns and provides us with the flexibility to evaluate new real estate project opportunities.
- *Self-Funded Business Plan.* One of our key differentiators is our ability to self-fund significant portions of our new development without having to dispose of our recently completed developments. Our residential land sales, recurring NOI and profits on the sales of condominium units generate substantial amounts of free cash flow, which is used to fund the equity required to execute our many development opportunities. Furthermore, we are not required to pay dividends nor are we restricted from investing in any asset type, amenity or service, unlike many other real estate companies, which are limited in their activities because they have elected to be taxed as a real estate investment trust (REIT). We believe our structure currently provides us with significant financial and operating flexibility to maximize the value of our real estate portfolio.

Competition

The nature and extent of our competition depends on the type of property involved. With respect to our Operating Assets and Seaport segments, we primarily compete for retail and office tenants. We also compete for residential tenants in our Operating Assets segment. We believe the principal factors that retailers consider in making their leasing decisions include: (1) consumer demographics; (2) age, quality, design and location of properties; (3) neighboring real estate projects that have been developed or that we, or others, may develop in the future; (4) diversity of retailers and anchor tenants at shopping center locations; (5) management and operational expertise; and (6) rental rates. The principal factors influencing tenant leasing decisions for our office space include: (1) rental rates; (2) attractive views; (3) walkable retail; (4) commute time; (5) efficiency of space; and (6) demographics of available workforce. For residential tenants of our multi-family properties in our Operating Assets segment, we believe the principal factors that impact their decision of where to live are: (1) walkability/proximity to work; (2) amenities; and (3) the best value for their money.

With respect to our MPC segment, we compete with other landholders and residential and commercial property developers primarily in the development of properties within Las Vegas, Nevada; the greater Houston, Texas area; Phoenix, Arizona; and the Baltimore, Maryland/Washington, D.C. markets. Significant factors that we believe allow us to compete effectively in this business include:

- the size and scope of our MPCs
- strong reputation within the industry and years of experience serving our communities
- the recreational and cultural amenities available within our communities
- the commercial centers in the communities, including the properties that we own and/or operate or may develop
- our relationships with homebuilders
- our level of debt relative to total assets
- the proximity of our developments to major metropolitan areas

With respect to our Strategic Developments segment and certain developable assets in our Seaport segment, including the Tin Building and 250 Water Street, our direct competitors include other commercial property developers and other owners of commercial real estate that engage in similar businesses. With respect to our Strategic Developments segment, we also compete with residential condominium developers. With significant existing entitlements, we hold an advantage over many of our competitors in our markets in that we already own and control, or have significant influence over, substantial acreage for development. We also own the majority of square feet of each product type in many of our markets.

Available Information

Our website address is www.howardhughes.com. Our Annual Report on Form 10-K, Quarterly Reports on Form 10-Q, Current Reports on Form 8-K and other publicly filed documents, including all exhibits filed therewith, are available and may be accessed free of charge through the Investors section of our website under the SEC Filings subsection, as soon as reasonably practicable after those documents are filed with, or furnished to, the SEC at www.sec.gov. Also available through the Investors section of our website are reports filed by our directors and executive officers on Forms 3, 4 and 5, and amendments to those reports. Our website and included or linked information on the website are not incorporated into this Annual Report on Form 10-K. From time to time, we use our website as an additional means of disclosing public information to investors, the media and others interested in us.

BUSINESS SEGMENTS

The following further describes our four business segments and provides a general description of the assets comprising these segments. Refer to Item 2. *Properties* for additional details on individual properties, including assets by reportable segment, geographic location and predominant use at December 31, 2021. This section should be referred to when reading Item 7. *Management's Discussion and Analysis of Financial Condition and Results of Operations*, which contains information about our financial results and operating performance for our business segments.

Operating Assets

We have developed many of the assets in our Operating Assets segment since the Company's inception in 2010. As of December 31, 2021, we have 74 Operating Assets, including our investments in joint ventures and other assets, consisting of 15 retail, 33 office, 13 multi-family and 13 other operating assets and investments. Excluding our projects under construction, we own approximately 10.4 million square feet of retail and office space and 4,200 multi-family units.

We believe that the long-term value of our Operating Assets is driven by their concentration in our MPCs where we have a unique level of control and competitive advantage. We believe that these assets have the potential for future growth by increasing rental rates, absorbing remaining vacancy and changing the tenant mix in retail centers to improve gross sales revenue of our tenants, thereby increasing rents.

Revenue is primarily generated through rental services and is directly impacted by trends in rental rates and operating costs. Leases related to our office properties are generally triple net leases in The Woodlands, gross leases in Summerlin and modified gross leases in Columbia. Leases related to our retail properties are primarily triple net leases, which generally require tenants to pay their pro-rata share of property operating costs, such as real estate taxes, utilities and insurance, and the direct costs of their leased space. We also enter into certain leases which require tenants to pay a fixed rate per square foot reimbursement for common area costs that increase annually according to the terms of the lease.

We will also occasionally sell an operating asset when it does not complement our existing properties or no longer fits within our current strategy. In 2021, the Company completed the sale of The Woodlands Resort, The Westin at The Woodlands and Embassy Suites at Hughes Landing for \$252.0 million. These hospitality properties, located in The Woodlands, contained a total of 909 rooms.

For certain assets, we believe there are opportunities to improve operating performance through redevelopment or repositioning. Redevelopment plans for these assets may include office, retail or residential space, shopping centers, movie theaters, parking complexes or open space. The redevelopment plans may require that we obtain permits, licenses, consents and/or waivers from various parties. These opportunities will require new capital investment and vary in complexity and scale. The redevelopment opportunities range from those that would have minimal disruption to the property to those requiring partial or full demolition of existing structures for new construction. Factors we evaluate in determining whether to redevelop or reposition an asset include the following: (1) existing and forecasted demographics surrounding the property; (2) competition related to existing and/or alternative uses; (3) existing entitlements of the property and our ability to change them; (4) compatibility of the physical site with proposed uses; and (5) environmental considerations, traffic patterns and access to the properties.

We generally transfer an operating asset that is being repositioned or redeveloped into our Strategic Developments segment when we close operations at a property and/or begin construction on the redevelopment project. Upon completion of construction or renovation of a development or redevelopment, the asset is fully or partially placed in service and transferred back into our Operating Assets segment.

Master Planned Communities

As of December 31, 2021, we own the MPCs of Summerlin in Las Vegas; The Woodlands, The Woodlands Hills and Bridgeland in the Houston region; Douglas Ranch in the Phoenix region; and Columbia in Maryland. Our MPC segment includes the development and sale of residential and commercial land, primarily in large-scale, long-term projects. These developments often require decades of investment and continued focus on the changing market dynamics surrounding these communities. We believe that the long-term value of our MPCs remains strong because of their competitive positioning in their respective markets, our in-depth experience in diverse land use planning and the fact that we have substantially completed the entitlement processes within the majority of our communities.

Our MPCs have won numerous awards for design excellence and for community contribution. Summerlin and Bridgeland were again ranked by Robert Charles Lesser & Co., LLC (RCLCO), capturing third and fifteenth highest selling master planned communities in the nation, respectively, for the year ended December 31, 2021.

We expect the competitive position, desirable locations and land development expertise to drive the long-term growth of our MPCs. As of December 31, 2021, our MPCs, including our Trillium joint venture, encompass approximately 118,000 gross acres of land and include approximately 38,000 remaining saleable acres of land. Residential sales, which are generated primarily from the sale of finished lots and undeveloped superpads to residential homebuilders and developers, include standard and custom parcels designated for detached and attached single family homes, and range from entry-level to luxury homes. Superpad sites are generally 20- to 25-acre parcels of unimproved land where we develop and construct the major utilities (water, sewer and storm drainage) and roads to the borders of the parcel and the homebuilder completes the on-site utilities, roads and finished lots. Revenue is also generated through price participation with homebuilders.

We also occasionally sell or lease land for commercial development when we deem its use will not compete with our existing properties or our development strategy. Commercial sales include land parcels designated for retail, office, hospitality, high density residential projects (e.g., condominiums and apartments), services and other for-profit activities, as well as those parcels designated for use by government, schools and other not-for-profit entities.

Seaport

The Seaport spans 461,000 square feet and several city blocks, including Pier 17, the Tin Building, the Historic District and the 250 Water Street parking lot. Our Seaport segment is part non-stabilized operating asset, part development project and part operating business. The Seaport businesses are comprised of the landlord operations, managed businesses and events and sponsorships categories. As we own, either entirely or in joint venture, many of the businesses, the NOI and stabilization of the Seaport is less predictable than our Operating Assets segment.

Throughout 2021, we have continued to execute on our long-term vision for the Seaport. Construction of the core and shell of the Tin Building is complete, with opening expected in the first half of 2022. We have also announced two new concepts at the Fulton Market Building in the space previously occupied by 10 Corso Como. In the summer of 2022, in a joint partnership with Endorphin Ventures, we expect to launch The Lawn Club, an immersive indoor and outdoor experience that includes an extensive indoor grass area, a stylish clubhouse bar and a wide variety of lawn games. We also expect to launch a new restaurant concept by Josh Eden and Wylie Dufresne at 1 Fulton Street in the summer of 2022. Total estimated aggregate project costs remaining to be spent and funded by us as of December 31, 2021, for the Seaport projects currently under construction are \$69.6 million.

In December 2021, we obtained the final approval by the City of New York of our 250 Water Street development project, which includes the transformation of this underutilized full-block surface parking lot into a mixed-use development that would include affordable and market-rate apartments, community-oriented spaces and office space. Also in December 2021, an amendment to the Seaport ground lease was executed giving the Company extension options, at the discretion of the Company, for an additional 48 years from its current expiration in 2072 until 2120. We expect to begin comprehensive remediation of the site through the New York State Brownfield Cleanup program and break ground on the development in 2022. In February 2022, an additional lawsuit was filed challenging the land use approvals previously granted to the Company under the ULURP for the redevelopment and construction of 250 Water Street. The Company intends to vigorously contest the matter as it believes that these claims are without merit.

Strategic Developments

Our Strategic Developments segment consists of 19 development or redevelopment projects, including developments within our MPCs that will transition to Operating Assets upon completion and condominium towers at Ward Village. Many of these developments require extensive planning and expertise in large-scale and long-range development to maximize their highest and best uses. The strategic process is complex and unique to each asset and requires on-going assessment of the changing market dynamics prior to the commencement of construction. We must study each local market, determine the highest and best use of the land and necessary improvements to the area, obtain entitlements and permits, complete architectural design and construction drawings, secure tenant commitments and obtain and commit sources of capital.

We are in various stages of predevelopment or execution of our strategic plans for many of these assets based on market conditions. As of December 31, 2021, we had 8 properties under construction and not yet placed into service. Total estimated aggregate project costs remaining to be spent on our properties under construction as of December 31, 2021, were \$916.4 million, of which \$54.7 million remains to be funded by us and the balance will be funded with existing debt. We generally obtain construction financing to fund the majority of the costs associated with developing these assets.

ENVIRONMENTAL, SOCIAL AND GOVERNANCE (ESG)

Maintaining a sustainable approach to development is at the heart of what we do—it is our commitment to our stakeholders, to our communities, and to the world in which we live. This sense of responsibility has guided the growth of our master planned communities for many decades—long before the principles of environmental, social, and corporate governance fostered the global movement known as ESG. HHC’s legacy is our proven track record of long-term development that embodies our profound respect for conservation and inclusive communities.

Today we are at an exciting juncture with the opportunity to reevaluate our ESG targets, explore different measurements, and elevate our commitment to driving positive change and doing good. Our ESG program is overseen by our CEO, President and Board of Directors. Additional details on our approach are available in our latest ESG annual report, which can be found on the Company’s website at www.howardhughes.com/hhsustainability.

Environmental Strategy and Performance

Our master planned communities were founded on the large scale exploration of many of the smart growth principles that are being promoted today, and we have remained on a path of open space preservation, innovation, community connectivity, and integration with nature ever since. The critical component of our approach has always been to remain nimble and ready to innovate in the face of evolving urban landscapes.

In 2017, we set 10-year environmentally focused goals as the ESG movement developed. In 2020, we took the initiative to review our goals going forward. Reducing carbon emissions, energy and water use year-over-year is a comprehensive goal of our operational strategy. We achieve these reductions through systematic energy auditing, mechanical, lighting and other building upgrades, in an effort to optimize operations and engage tenants.

We report our progress against the goals annually in our ESG report and leverage industry leadership programs to benchmark environmental performance. We worked with DNV GL Business Assurance USA, Inc. to externally confirm our energy consumption, water consumption, greenhouse gas emissions and waste data. HHC’s developments pursue U.S. Green Building Council’s green building certification program; Leadership in Energy and Environmental Design (LEED) and eligible operational assets pursue U.S. Environmental Protection Agency (EPA) ENERGY STAR rating among other industry benchmarks that independently assess and recognize efficiencies and performance.

In 2021, HHC continued to expand its environmentally focused programs across business segments, including real-time data analysis, carbon emission reduction, climate risk management, passive design strategy, embodied carbon evaluation, renewable energy installations and achieving higher levels of green building and green community certifications through LEED. We partner with industry leading subject matter experts; Ramboll, Thornton Tomasetti, Studio Gang, SOM, InSite Intelligence, Verdani partners, and others to accelerate the positive impact across the lifecycle of our MPCs, strategic developments and operating assets.

HHC continued to make strides with ESG performance and transparency by participating in its fourth Global Real Estate Sustainability Benchmark (GRESB) Real Estate Assessment. HHC scored significantly above the global average, ranking in the upper third of the North America Diversified, Listed category for the GRESB Standing Investments Benchmark. Despite the rising competition within the benchmark, we earned a GRESB 4 Star Rating. Since 2018, HHC’s overall GRESB score has improved by 23%.

Social Strategy and Impact

Human Capital The Howard Hughes Corporation builds vibrant, diverse and culturally rich communities that will deliver an exceptional quality of life for generations to come. We accomplish this through the dedication of the talented people that make up our workforce who are committed to masterful planning and design and the mission of long-term sustainability. Our team members are empowered to help people discover new ways of experiencing life. Our master planned communities continue the work of the forward-thinking placemakers whose collective legacy of innovation, imagination, and excellence form the basis of our company - James Rouse, George Mitchell, Victoria Ward and Howard Hughes. As of December 31, 2021, we had approximately 530 employees supporting our core business, with an additional 116 employed at the Las Vegas Ballpark, including seasonal staff required to support ongoing ballpark events and merchandising operations.

We recognize that our people are the lifeblood of our Company. As such, we offer competitive wellness programs to support our employees and their families at all stages of life, including a robust health benefits plan, a 401k and match plan, a fully paid 12-week maternity leave and four weeks of child bonding leave for both the birth of a child or placement of a child with the employee for adoption or foster care. We are also proud to be a mother-friendly worksite, providing a supportive environment and the necessary facilities for nursing mothers. We encourage personal discovery for our team members and advocate for personal and professional growth through tuition reimbursement, student debt management resources and a personal growth fund for non-job-related training.

The continuous professional development of our employees is intrinsically linked to our Company's ever-evolving design and development of inclusive, sustainable community living. The growth of our development pipeline creates great opportunities for all employees to benefit in career advancement and mobility. Through the growth of our employees comes the growth of our company, wherein lies the long-term success and evolution of our communities. The most recent launch of Douglas Ranch, our new 37,000-acre master planned community in Phoenix's West Valley, allows us to leverage the team's expertise while capitalizing on an incredibly refined and successfully proven business model.

Health, Safety and Well-Being We enforce the highest standards for building operations to protect the health, well-being and safety of our employees, tenants, residents and visitors. We are dedicated to improving quality of life by developing properties with healthy spaces to live, work, relax and socialize. We also believe that attracting and retaining the best talent means we must strive to provide an inclusive work environment in which employees feel valued and safe.

Throughout the COVID-19 pandemic, the health, safety and well-being of employees and their families has remained of paramount importance. The Company put in place policies and protocols based on the expertise and guidance from public health leaders, and has continued to regularly review and update policies and protocols to reflect the best, most current information available. Beginning in March of 2020, we instituted a remote workplace strategy for employees whose job duties were conducive to working from home. In April 2021, we implemented a voluntary return to office program, which allowed employees to return to our offices on a voluntary basis only. This voluntary program continued until November 1, 2021, at which time we began our mandatory return to office program, applying a hybrid work model. As part of both the voluntary and mandatory return to office programs, we implemented extensive safety measures to protect our employees, including enhanced sanitary procedures and tailored policies for vaccinated and unvaccinated employees. We continue to adjust to the fluidity of the pandemic, as recently as implementing more stringent testing protocols due to the highly transmissible Omicron variant.

Our employees' safe working environment remains a focus in our occupational health and safety practices. Competency-based online safety training is provided to employees covering a broad range of hazards that may be encountered in the workplace. Our safety and loss control expert, supported by external expertise if needed, analyze the circumstances and consequences of an incident for corrective measures. Our recordable incident and lost time recordable incident rates (statistical numbers measuring the number of accidents per hours worked) directly reflects the emphasis placed on our commitment to these practices.

We are committed to providing affordable benefits for our employees. For 2022, we will focus on bringing more services to support our employees in their mental and physical well-being. The organization introduced a new hybrid work model to assist employees with juggling work, family and life-related issues. We are including in our medical services the opportunity to support families with the introduction of fertility services which is inclusive of adoption, donor, and surrogacy services. We are implementing a bike reimbursement program to help employees stay healthy and save the environment by biking to work. We are also partnering with a new health and wellness vendor to provide alternative methods for our employees to stay active and healthy during their fitness journey.

Our Commitment to Equal Employment Opportunity We believe it is the responsibility of each officer, manager and supervisor to ensure all employment activities are conducted with fairness. We are committed to recruiting, hiring, developing and promoting the best individuals based on job-related qualifications, and without regard to race, religion, color, creed, national origin, sex, age, disability, sexual orientation, veteran status, or any other reason prohibited by law. We do not tolerate differential treatment, and we believe that any practice toward employees or candidates that may get in the way of that duty hinders us all. We provide reasonable accommodations to qualified individuals with a disability, as required by law, under the Americans with Disabilities Act and other applicable statutes. Sexual or any other type of workplace harassment is not tolerated at HHC, and any employee who engages in discriminatory conduct or workplace harassment is subject to disciplinary action up to and including termination.

Diversity and Inclusion At The Howard Hughes Corporation, we value perspective. We believe in celebrating unique ideas and embracing different points of view. Diversity Equity and Inclusion (DEI) are essential to our success as a company and we strive to source, engage and retain diverse and talented people, partners, residents, and suppliers. We invest in our people through continuous learning opportunities and nurture the exchange of ideas. By maintaining an open dialogue and fostering new relationships, we can cultivate a culture of belonging. Because better people make better companies, and better companies build better communities. Through our people strategy, we strive for diversification and retention of talent that ultimately drives top performance, diverse thought and an inclusive culture. As of December 31, 2021, our workforce is 54% female and 33% ethnically diverse. Employees at a Vice President level or above are 34% female and 18% ethnically diverse.

Since 2020, to ensure that the company is actively fostering a diverse and inclusive environment, HHC, with significant interest from its employees, formed and appointed an all-volunteer employee DEI Advisory Council, DEI Review Board and a dedicated resource for DEI. Together, with the Culture + People team, HHC executes its DEI strategy through programs and policies such as the Summer Associate Program, Employee Resource Groups, Training + Development, Employee Growth Benefits, Strategic Talent Acquisition Partnerships and Annual DEI Goals.

Our Summer Associate Program has been an excellent source for attracting and identifying high-performing diverse talent. Summer Associates experience a competitive and rigorous rotational curriculum. This program is a culmination of the commitment and dedication of the HHC team and their investment in the future of the Company.

In January of 2022, HHC announced a partnership with Project Destined. Sharing a commitment to developing a more diverse and inclusive generation of new leaders within the real estate industry, the partnership launches the entry of Project Destined into the Greater Houston area for the first time as it continues to mentor and transform the industry with more equitable opportunities and standards. Project Destined partners with leading real estate firms and more than 70 universities around the country to enable and encourage a diverse group of underrepresented students to explore the industry through internships and the analysis of live local real estate deals. Student interns will be paired with mentors from HHC to participate in Project Destined-led training, mentor office hours and competitive team pitch presentations.

Philanthropy HHC is highly attuned to how we impact the lives of those within our communities, and we support over 350 causes of local charities through donations and volunteerism. In 2021, we donated over \$3 million through our corporate social responsibility program, Howard Hughes Cares (HHCares). We offer all full-time employees 24 hours per year to volunteer, a 1:1 match on financial donations to the charity of their choice and time off to exercise voting rights, all of which reflects our commitment to sustaining the communities where we live and work.

Professional Development We empower employees to grow at every stage of their career. Full-time employees are eligible for up to \$10,000 annually in reimbursement for professional growth, including continuing higher education and professional certifications, of which \$1,000 is allocated to personal growth opportunities. In addition, conference and seminar attendance is encouraged throughout the Company, to promote networking, learning and firsthand industry experience. Throughout the years, our employees have participated in hundreds of conferences and engaged with industry-leading organizations, including the research and educational nonprofit Urban Land Institute (ULI). For those employees with student debt, we also provide a company-funded contribution plan to help reduce their repayment amount. At HHC, we love education, and we know it has its price. We want our employees to focus on and plan for their future, not be bogged down with student debt.

Ethics Compliance Training We believe that strong, well-established ethics are a key tenet of our culture. Training on our Code of Business Conduct and Ethics is required for all employees throughout their time with Howard Hughes. Our training guides employees through engaging in ethical business decisions, recognizing unethical behaviors and reporting when necessary. This training framework is our foundation from which all employees reinstate their understanding and acceptance of our organizational values on an annual basis.

Governance and Risk Management

In order to identify, monitor, and mitigate potential risks that could impact our organization and investors, The Howard Hughes Corporation has made governance risk and management a top Board priority. As part of our corporate governance framework, we have a formal Enterprise Risk Management (ERM) Program that is overseen by the Board's Risk Committee and led by our Risk Management team. The Risk Committee helps to evaluate the effectiveness of the ERM Program and the performance of the Risk Management team. It also reviews and monitors risks that have been identified and are considered critical by management, such as capital, market, liquidity, legal, regulatory, operational, reputational and strategic risks. The Risk Committee reviews and approves periodic risk assessment results and reviews risk mitigation activities deemed material by management. The Risk Committee also reviews risk mitigation activities for emerging risks and oversees management's approach to fostering a risk-intelligent culture.

HHC's ESG program, is shaped and supported by the Board and encompasses a range of corporate governance policies and guidelines that include but are not limited to: Anti-Corruption Compliance Policy, Board Diversity Policy, Cybersecurity Policy, Code of Business Conduct and Ethics for Officers and Employees, Code of Business Conduct and Ethics for the Board of Directors, Corporate Governance Guidelines, and Insider Trading Policy.

Substantially all of our properties have been subject to third-party Phase I Environmental Site Assessments (ESAs), which are intended to evaluate the environmental condition of the surveyed and surrounding properties. This includes the 250 Water Street property in the Seaport, which we purchased in June 2018. The Phase I ESA identified historic fill, probable gasoline underground storage tanks, and historical factory and other industrial uses (including a gasoline service station and a thermometer factory) on the property and in the area. A limited Phase II Environmental Site Investigation (ESI) for 250 Water Street confirmed the presence of typical historic fill; an anomaly consistent with an underground petroleum storage tank; and an associated area of petroleum impacts; and mercury in soil at levels above New York State regulatory criteria. The property's current use as a parking lot does not require remediation at this time. The property is in the New York State Brownfield Cleanup Program (BCP) with the Company as a Volunteer (an entity not responsible for the contamination and not responsible for cleaning up off-site contamination), and will be remediated, as necessary, under the BCP prior to or concurrent with future redevelopment activities. More recently and under the BCP, the 250 Water Street property has been fully investigated and the findings confirm those from the Phase I ESA and Phase II ESI.

As of December 31, 2021, neither the ESA or ESI for 250 Water Street, nor the completed ESAs of our other properties, have revealed any known environmental liability that we believe would have a material adverse effect on our overall business, financial position or results of operations. Nevertheless, it is possible that these assessments do not reveal all environmental liabilities or that the conditions have changed since the assessments were prepared (typically prior to the time the property was purchased or encumbered with debt). Moreover, no assurances can be given that future laws, ordinances or regulations will not impose any material environmental liability on us, or the current environmental condition of our properties will not be adversely affected by tenants and occupants of the properties, by the condition of properties in the vicinity of our properties or by third parties unrelated to us.

REGULATORY MATTERS

A portion of our business is dedicated to the development and sale of condominiums. Condominiums are generally regulated by an agency of the state in which they are located or where the condominiums are marketed to be sold. In connection with our development and offering of condominium units for sale, we must submit regulatory filings to various state agencies and engage in an entitlement process by which real property owned under one title is converted into individual units. Responses or comments on our condominium filings may delay our ability to sell condominiums in certain states and other jurisdictions in a timely manner, or at all. In addition, approval to develop real property sometimes requires political support and generally entails an extensive entitlement process involving multiple and overlapping regulatory jurisdictions and often requires discretionary action by local governments. Real estate projects must generally comply with local land development regulations and may need to comply with state and federal regulations. We incur substantial costs to comply with legal and regulatory requirements.

Various local, state and federal statutes, ordinances, rules and regulations concerning building, health and safety, site and building design, environment, zoning, sales and similar matters apply to and/or affect the real estate development industry. Our ability to obtain or renew permits or approvals and the continued effectiveness of permits already granted or approvals already obtained depends on factors beyond our control, such as changes in federal, state and local policies, rules and regulations and their interpretations and application.

There is a variety of legislation being enacted, or considered for enactment, at the federal, state and local level relating to energy and climate change. This legislation relates to items such as carbon dioxide emissions control and building codes that impose energy efficiency standards. New building code requirements that impose stricter energy efficiency standards could significantly increase our cost to construct buildings. As climate change concerns continue to grow, legislation and regulations of this nature are expected to continue and become more costly to comply with. We may be required to apply for additional approvals or modify our existing approvals because of changes in local circumstances or applicable law. Energy-related initiatives affect a wide variety of companies throughout the United States and the world and, because our operations are heavily dependent on significant amounts of raw materials, such as lumber, steel and concrete, they could have an indirect adverse impact on our operations and profitability to the extent the manufacturers and suppliers of our materials are burdened with expensive cap and trade and similar energy related taxes and regulations. Governmental regulation also affects sales activities, mortgage lending activities and other dealings with consumers. Further, government agencies routinely initiate audits, reviews or investigations of our business practices to ensure compliance with applicable laws and regulations, which can cause us to incur costs or create other disruptions in our business that can be significant. We may experience delays and increased expenses as a result of legal challenges to our proposed communities, whether brought by governmental authorities or private parties.

Under various federal, state and local laws and regulations, an owner of real estate is liable for the costs of remediation of certain hazardous substances, including petroleum and certain toxic substances (collectively hazardous substances) on such real estate. These laws often impose such liability without regard to whether the owner knew of, or was responsible for, the presence of such hazardous substances. The costs of remediation of such substances may be substantial, and the presence of such substances, or the failure to remediate such substances, may adversely affect the owner's ability to sell such real estate or to obtain financing using such real estate as collateral. Other federal, state and local laws, ordinances and regulations require abatement or removal of asbestos-containing materials in the event of demolition or certain renovations or remodeling, the cost of which may be substantial for certain redevelopments, and also govern emissions of and exposure to asbestos fibers in the air. Federal and state laws also regulate the operation and removal of underground storage tanks. In connection with our ownership, operation and management of certain properties, we could be held liable for the costs of remedial action with respect to these regulated substances or tanks or related claims.

Additionally, changes to our procedures or additional procedures, implemented to comply with public health orders or best practice guidelines as a result of the ongoing COVID-19 pandemic, may increase our costs or reduce our productivity and thereby affect our business, financial condition or results of operations.

For further information see Governance and Risk Management above.

Item 1A. Risk Factors

The risks and uncertainties described below are those that we deem currently to be material, and do not represent all of the risks that we face. Additional risks and uncertainties not presently known to us or that we currently do not consider material may in the future become material and impair our business operations. If any of the following risks actually occur, our business could be materially harmed, and our financial condition and results of operations could be materially and adversely affected. Our business, prospects, financial condition or results of operations could be materially and adversely affected by the following:

RISKS RELATED TO OUR INDUSTRY, MARKET AND CUSTOMERS

Our performance and the market value of our securities are subject to risks associated with our investments in real estate assets and with trends in the real estate industry.

Our economic performance and the value of our real estate assets and, consequently the market value of the Company's securities, are subject to the risk that our properties may not generate revenues sufficient to meet our operating expenses or other obligations. A deficiency of this nature would adversely impact our financial condition, results of operations, cash flows, the quoted trading price of our securities and our ability to satisfy our debt service obligations.

A downturn in the housing market or decline in general economic conditions could adversely affect our business, financial condition and operations.

We believe that new home sales are an important indicator of future demand for our superpad sites, lots and condominium units. Demand for new homes is sensitive to changes in economic conditions such as the level of employment, consumer confidence, consumer income, the availability of financing and interest rate levels. The prior economic downturn severely affected both the numbers of homes that could be sold in our MPCs and the prices for which homebuilders could sell them. We cannot predict when another economic downturn in the housing market will occur. If there were another economic downturn in the housing market or in general economic conditions, the resulting decline in demand for new homes and condominium units would likely have a material adverse effect on our business, financial condition and results of operations.

Our condominium sales are sensitive to interest rates and the ability of consumers to obtain mortgage financing.

The ability of the ultimate buyers of condominiums to finance their purchases is generally dependent on their personal savings and availability of third-party financing. Consequently, the demand for condominiums will be adversely affected by increases in interest rates, unavailability of mortgage financing, increasing housing costs and unemployment levels. Levels of income and savings, including retirement savings, available to condominium purchasers can be affected by declines in the capital markets. Any significant increase in the mortgage interest rates or decrease in available credit could reduce consumer demand for housing, and result in fewer condominium sales, which may have an adverse effect on our business, financial condition and results of operations.

Purchasers may default on their obligations to purchase condominiums.

We enter into contracts for the sale of condominium units that generally provide for the payment of a substantial portion of the sales price at closing when a condominium unit is ready to be delivered and occupied. A significant amount of time may pass between the execution of a contract for the purchase of a condominium unit and the closing thereof. The rate of defaults may increase from historical levels due to the personal finances of purchasers being negatively impacted as a result of COVID-19. Defaults by purchasers to pay any remaining portions of the sales prices for condominium units under contract may have an adverse effect on our business, financial condition and results of operations.

Downturn in tenants' businesses may reduce our revenues and cash flows.

An office or retail tenant may experience a downturn in its business, which may weaken its financial condition and result in its failure to make timely rental payments or result in defaults under our leases. The rate of defaults may increase from historical levels due to tenants' businesses being negatively impacted by the COVID-19 pandemic. In the event of default by a tenant, we may experience delays in enforcing our rights as landlord and may incur substantial costs in protecting our investment.

We may be negatively impacted by the consolidation or closing of anchor stores.

Many of our mixed-used properties are anchored by “big box” tenants. We could be adversely affected if these or other anchor stores were to consolidate, close or enter into bankruptcy. Given the current economic environment for certain retailers, there is a heightened risk an anchor store could close or enter into bankruptcy. Any losses resulting from the bankruptcy of any of our existing tenants could adversely impact our financial condition. Even if we own the anchor space, we may be unable to re-lease this area or to re-lease it on comparable terms. The loss of these revenues could adversely affect our results of operations and cash flows. Further, the temporary or permanent loss of any anchor would likely reduce customer traffic in the retail center, which could lead to decreased sales at other retail stores. Rents obtained from other tenants may be adversely impacted as a result of co-tenancy clauses in their leases. One or more of these factors could cause the retail center to fail to meet its debt service requirements. The consolidation of anchor stores may also negatively affect lease negotiations and current and future development projects.

We may be unable to renew leases or re-lease available space.

We cannot provide any assurance that existing leases will be renewed, available space will be re-leased or that our rental rates will be equal to or above the current rental rates. Delays in payments and the rate of defaults on existing leases has increased from historical levels due to tenants’ businesses being negatively impacted as a result of COVID-19. If the average rental rates for our properties decrease, existing tenants do not renew their leases, or available space is not re-leased, our financial condition, results of operations, cash flows, the quoted trading price of our securities and our ability to satisfy our debt service obligations at the affected properties could be adversely affected.

Significant competition could have an adverse effect on our business.

The nature and extent of the competition we face depends on the type of property. With respect to our MPCs, we compete with other landholders and residential and commercial property developers in the development of properties in the respective MPC regions. Numerous residential and commercial developers, some with greater financial and other resources, compete with us in seeking resources for development and prospective purchasers and tenants. Competition from other real estate developers may adversely affect our ability to attract purchasers and sell residential and commercial real estate, sell undeveloped rural land, attract and retain experienced real estate development personnel, or obtain construction materials and labor. These competitive conditions can make it difficult to sell land at desirable prices and can adversely affect our results of operations and financial condition.

There are numerous shopping facilities that compete with our operating retail properties in attracting retailers to lease space. In addition, retailers at these properties face continued competition from other retailers, including internet retailers, retailers at other regional shopping centers, outlet malls and other discount shopping centers, discount shopping clubs, and catalog companies. Competition of this type could adversely affect our results of operations and financial condition. In addition, we compete with other major real estate investors with significant capital for attractive investment and development opportunities. These competitors include REITs and private institutional investors.

RISKS RELATED TO OUR ORGANIZATIONAL STRUCTURE AND STRATEGY

Our performance may be negatively impacted by our management transitions, and we will continue to depend on the services and performance of our other senior management and key employees.

On September 17, 2020, Paul Layne retired as our Chief Executive Officer. David O’Reilly, our President and Chief Financial Officer, agreed to additionally serve as our interim Chief Executive Officer. Effective December 1, 2020, David O’Reilly was appointed Chief Executive Officer and L. Jay Cross was appointed President and Mr. O’Reilly agreed to continue as our interim Chief Financial Officer while a search was conducted for a permanent successor. Effective April 19, 2021, Ms. Correne Loeffler was appointed Chief Financial Officer. On January 10, 2022, Ms. Loeffler’s service as Chief Financial Officer and employment with the Company was terminated. Effective January 12, 2022, Carlos Olea was appointed Chief Financial Officer. Our future performance will depend, in part, on the successful transitions of Mr. O’Reilly as our Chief Executive Officer, Mr. Cross as our President and Mr. Olea as our new Chief Financial Officer. If we do not successfully manage these transitions, it could be viewed negatively by our customers, employees or investors and could have an adverse impact on our business. Our future performance also will continue to depend on the services and contributions of our other senior management and key employees to execute on our plans and to identify and pursue new opportunities.

The proposed sale of our non-core assets is subject to various risks and uncertainties and may not be completed on the terms or timeline currently contemplated, if at all.

On October 21, 2019, we announced our intention to sell our non-core assets with estimated net cash proceeds of approximately \$600 million. Since the announcement, we have executed on the sale of thirteen non-core assets generating approximately \$401 million of net proceeds after debt repayment; however, the COVID-19 pandemic has made additional non-core asset sales more challenging to execute, and there can be no assurance of the terms, timing or structure of any future transaction involving such assets, whether we will be able to identify buyers for the assets on favorable terms or at all, or whether any such transaction will take place at all. In addition, any such transaction is subject to risks and uncertainties, including unanticipated developments, regulatory approvals or clearances and uncertainty in the financial markets, that could delay or prevent the completion of any such transaction.

The proposed sales of our non-core assets may not achieve some or all of the anticipated benefits.

Executing the proposed sales of our non-core assets will continue to require us to incur costs and will require the time and attention of our senior management and key employees, which could distract them from operating our business, disrupt operations and result in the loss of business opportunities, each of which could adversely affect our business, financial condition and results of operations. We may also experience increased difficulty in attracting, retaining and motivating key employees during the pendency of the sale and following its completion, which could harm our business. Even if the proposed sale is completed, we may not realize some or all of the anticipated benefits from the sale, and the sale may in fact adversely affect our business.

The concentration of our properties in certain states may make our revenues and the value of our assets vulnerable to adverse changes in local economic conditions.

Many of the properties we own are located in the same or a limited number of geographic regions, including Texas, Hawai'i, Nevada, New York and Maryland. In October 2021, we announced the launch of Douglas Ranch, a new large-scale master planned community in the West Valley of Phoenix, Arizona. Our current and future operations at the properties in these states are generally subject to significant fluctuations by various factors that are beyond our control such as the regional and local economy, which may be negatively impacted by material relocation by residents, industry slowdowns, plant closings, increased unemployment, lack of availability of consumer credit, levels of consumer debt, housing market conditions, adverse weather conditions, natural disasters, climate change and other factors, as well as the local real estate conditions, such as an oversupply of, or a reduction in demand for, retail space or retail goods and the availability and creditworthiness of current and prospective tenants.

In addition, some of our properties are subject to various other factors specific to those geographic areas. For example, tourism is a major component of both the local economies in Hawai'i and Nevada. Ward Village, which is located in Honolulu, Hawai'i, and Summerlin, which is located in Las Vegas, Nevada, may be impacted by the local and global tourism industry. These properties are susceptible to any factors that affect travel and tourism related to Hawai'i and Las Vegas, including cost and availability of air services and the impact of any events that disrupt air travel to and from these regions. Moreover, these properties may be affected by risks such as acts of terrorism and natural disasters, including major fires, floods and earthquakes, as well as severe or inclement weather, which could also decrease tourism activity in Las Vegas or Hawai'i.

Further, Summerlin is to some degree dependent on the gaming industry, which could be adversely affected by changes in consumer trends and preferences and other factors over which we have no control. The gaming industry is characterized by an increasingly high degree of competition among a large number of participants, including riverboat casinos, dockside casinos, land-based casinos, video lottery, sweepstakes and poker machines, many of which are located outside of Las Vegas. Furthermore, competition from internet lotteries, sweepstakes and other internet wagering gaming services, which allow their customers to wager on a wide variety of sporting events and play Las Vegas-style casino games from home or in non-casino settings, could negatively impact the population in the Las Vegas area. Expansion of internet gaming in other jurisdictions (both legal and illegal) could further compete with the gaming industry in Las Vegas, which could have a negative impact on the local Las Vegas economy and result in an adverse effect on Summerlin and Downtown Summerlin.

Markets and the local economy surrounding our properties in Columbia, Maryland are heavily influenced by government spending and activity. A reduction of government spending in this market generally could decrease the demand for housing and retail space in this geographic region.

The Woodlands, The Woodlands Hills and Bridgeland in the Houston, Texas region depend significantly on the energy sector. Our success depends to a large extent upon the business activity, population, income levels, employment trends and real estate activity in and around Houston, Texas. In the event that oil prices fall and remain depressed for a sustained period, demand may decrease for housing and commercial space in The Woodlands, Bridgeland and The Woodlands Hills.

Additionally, the success of Summerlin, our master planned community in Las Vegas, Nevada, and Douglas Ranch, our new master planned community in the Phoenix, Arizona region, may be negatively impacted by changes in temperature due to climate change, increased stress on water supplies caused by climate change and population growth and other factors over which we have no control.

Finally, we are subject to local governmental responses to the COVID-19 pandemic in each of these areas which may be stricter than federal mandates, and disproportionately affect our business given the aforementioned concentration of our properties.

If any or all of the factors discussed above were to occur and result in our inability to sell or lease our residential and commercial property in any of these geographic regions, it would likely have a material adverse effect on our business, financial condition and results of operations.

Our business model includes entering into joint venture arrangements with strategic partners, and our strategic partners may have different interests than us.

We currently have and intend to enter into joint venture partnerships. These joint venture partners may bring local market knowledge and relationships, development experience, industry expertise, financial resources, financing capabilities, brand recognition and credibility or other competitive advantages. In the future, we may not have sufficient resources, experience and/or skills to locate desirable partners. We also may not be able to attract partners who want to conduct business in the locations where our properties are located, and who have the assets, reputation or other characteristics that would optimize our development opportunities.

While we generally participate in making decisions for our jointly owned properties and assets, we might not always have the same objectives as the partner in relation to a particular asset, and we might not be able to formally resolve any issues that arise. In addition, actions by a partner may subject property owned by the joint venture to liabilities greater than those contemplated by the joint venture agreements, be contrary to our instructions or requests or result in adverse consequences. We cannot control the ultimate outcome of any decision made, which may be detrimental to our interests.

The bankruptcy or, to a lesser extent, financial distress of any of our joint venture partners could materially and adversely affect the relevant property or properties. If this occurred, we would be precluded from taking some actions affecting the estate of the other investor without prior court approval which would, in most cases, entail prior notice to other parties and a hearing. At a minimum, the requirement to obtain court approval may delay the actions we would or might want to take. If the relevant joint venture through which we have invested in a property has incurred recourse obligations, the discharge in bankruptcy of one of the other partners might result in our ultimate liability for a greater portion of those obligations than would otherwise be required.

Because real estate is illiquid, we may not be able to sell properties when in our best interest.

Real estate investments generally, and in particular large office and mixed-use properties like those that we develop and construct, often cannot be sold quickly. The capitalization rates at which properties may be sold could be higher than historic rates, thereby reducing our potential proceeds from sale. Consequently, we may not be able to alter our portfolio promptly in response to changes in economic or other conditions. All of these factors reduce our ability to respond to changes in the performance of our investments and could adversely affect our business, financial condition and results of operations.

Some of our properties are subject to potential natural or other disasters.

A number of our properties are located in areas which are subject to natural or other disasters, including hurricanes, floods, earthquakes and oil spills. We cannot predict the extent of damage that may result from such adverse weather events, which depend on a variety of factors beyond our control. Some of our properties, including Houston-area MPCs, Ward Village, the Seaport and the Outlet Collection at Riverwalk are located in coastal regions, and could be affected by increases in sea levels, the frequency or severity of hurricanes and tropical storms, or environmental disasters, whether such events are caused by global climate changes or other factors. Additionally, adverse weather events can cause widespread property damage and significantly depress the local economies in which the Company operates and have an adverse impact on the Company's business, financial condition and operations.

RISKS RELATED TO OUR BUSINESS OPERATIONS AND INFRASTRUCTURE

Our MPC segment is highly dependent on homebuilders.

We are highly dependent on our relationships with homebuilders to purchase superpad sites and lots at our MPCs. Our business will be adversely affected if homebuilders do not view our MPCs as desirable locations for homebuilding operations or due to a change in demand, our inability to achieve certain pricing arrangements or upon an overall decline in general market conditions. Also, some homebuilders may be unwilling or unable to close on previously committed lot purchases due to our failure to meet certain conditions in our agreements or otherwise. As a result, we may sell fewer lots and, in certain instances suspend any of our MPC developments. This would result in lower land sales revenues, which could have an adverse effect on our financial position and results of operations.

The Seaport's operational results are volatile, which could have an adverse effect on our financial position and results of operations.

The Seaport's operational results are volatile. The increased volatility is largely the result of:

(i) seasonality; (ii) potential sponsorship revenue; (iii) potential event revenue; and (iv) business operating risks from various start-up businesses. We own, either wholly or through joint ventures, and in some instances operate, several start-up businesses in the Seaport. As a result, the revenues and expenses of these businesses directly impact the net operating income of the Seaport, which could have an adverse effect on our financial position and results of operations. This is in contrast to our other retail properties where we generally receive lease payments from unaffiliated tenants and are not necessarily impacted by the operating performance of their underlying businesses.

We are exposed to risks associated with the development, redevelopment or construction of our properties.

Our development, redevelopment and construction activities expose us to risks such as:

- inability to obtain construction financing for the development or redevelopment of properties
- increased construction costs for a project that exceeded our original estimates due to increases in materials, labor or other costs, which could make completion of the project less profitable because market rents or condominium prices may not increase sufficiently to compensate for the increased construction costs
- construction delays, which may increase project development costs
- claims for construction defects after a property has been developed
- poor performance or nonperformance by any of our joint venture partners or other third parties on whom we rely;
- health and safety incidents and site accidents
- easement restrictions which may impact our development costs and timing
- compliance with building codes and other local regulations
- the inability to secure tenants necessary to support commercial projects

If any of the aforementioned risks were to occur during the development, redevelopment or construction of our properties, it could have a substantial negative impact on the project's success and result in a material adverse effect on our financial condition or results of operations.

Our development projects may subject us to certain liabilities.

We may hire and supervise third-party contractors to provide construction, engineering and various other services for wholly-owned development projects or development projects undertaken by real estate ventures in which we hold an equity interest. Certain of these contracts are structured such that we are the principal rather than the agent. As a result, we may assume liabilities in the course of the project and be subjected to, or become liable for, claims for construction defects, negligent performance of work or other similar actions by third parties we have engaged.

Adverse outcomes of disputes or litigation could negatively impact our business, results of operations and financial condition, particularly if we have not limited the extent of the damages to which we may be liable, or if our liabilities exceed the amounts of the insurance that we carry. Moreover, our tenants and condominium owners may seek to hold us accountable for the actions of contractors because of our role even if we have technically disclaimed liability as a legal matter, in which case we may determine it necessary to participate in a financial settlement for purposes of preserving the tenant or customer relationship or to protect our corporate brand. Acting as a principal may also mean that we pay a contractor before we have been reimbursed by our tenants or have received the entire purchase price of a condominium unit from the purchaser. This exposes us to additional risks of collection in the event of a bankruptcy, insolvency or a condominium purchaser default. The reverse can occur as well, where a contractor we have paid files for bankruptcy protection or commits fraud with the funds before completing a project which we have funded in part or in full.

For example, we are directly paying the costs to repair certain construction defects at the Waiea condominium tower in Ward Village and will seek to recoup these costs from the general contractor and other responsible parties. We have subsequently entered into a settlement agreement with the Waiea homeowners association pursuant to which we have agreed to pay for the repair. We believe the general contractor is ultimately responsible for the defects and expect to recover our repair costs from the general contractor, other responsible parties and insurance proceeds; however, we can provide no assurances that all or any portion of these costs will be recovered. The Company recorded total expenses of \$99.2 million for the estimated repair costs related to this matter during 2020 and an additional \$21.0 million during the year ended December 31, 2021.

Cybersecurity risks and incidents, such as a breach of the Company's privacy or information security systems, or those of our vendors or other third parties, could compromise our information and expose us to liability, which would cause our business and reputation to suffer.

The protection of tenant, business partner, employee and company data is critically important to us. In the ordinary course of our business, we collect and store sensitive data, including intellectual property, our proprietary business information and that of our tenants and business partners and personally identifiable information of our employees on our networks. The collection and use of personally identifiable information is governed by federal and state laws and regulations. Privacy and information security laws continue to evolve and may be inconsistent from one jurisdiction to another. Compliance with all such laws and regulations may increase the Company's operating costs and adversely impact the Company's ability to market the Company's properties and services.

Additionally, we rely on our information technology systems to be able to monitor and control our operations, adjust to changing market conditions and implement strategic initiatives. Any disruptions in these systems or the failure of these systems to operate as expected could adversely affect our ability to access and use certain applications and could, depending on the nature and magnitude of the problem, adversely affect our operating results by limiting our ability to effectively monitor and control our operations, adjust to changing market conditions and implement strategic initiatives.

The security measures that we and our vendors put in place cannot provide absolute security, and the information technology infrastructure we and our vendors use may be vulnerable to criminal cyber-attacks or data security incidents, including, ransom of data, such as, without limitation, tenant, business partner and/or employee information, due to employee error, malfeasance or other vulnerabilities. Any such incident could compromise our networks or our vendors' networks (or the networks or systems of third parties that facilitate our business activities or our vendors' business activities), and the information we or our vendors store could be accessed, misused, publicly disclosed, corrupted, lost or stolen, resulting in fraud, including wire fraud related to our assets, or other harm. Moreover, if a data security incident or breach affects our systems or our vendors' systems, whether through a breach of our systems or a breach of the systems of third parties, or results in the unauthorized release of personally identifiable information, our reputation and brand could be materially damaged and we may be exposed to a risk of loss or litigation and possible liability, including, without limitation, loss related to the fact that agreements with our vendors, or our vendors' financial condition, may not allow us to recover all costs related to a cyber-breach for which they alone are responsible for or which we are jointly responsible for, which could result in a material adverse effect on our business, results of operations and financial condition.

Privacy and information security risks have generally increased in recent years because of the proliferation of new technologies, such as ransomware, and the increased sophistication and activities of perpetrators of cyber-attacks. In light of the increased risks, we have dedicated substantial additional resources of expense, labor and time to strengthening the security of our computer systems. In the future, we may expend additional resources to continue to enhance our information security measures and/or to investigate and remediate any information security vulnerabilities. Despite these steps, there can be no assurance that we will not suffer a significant data security incident in the future, that unauthorized parties will not gain access to sensitive data stored on our systems or that any such incident will be discovered in a timely manner. Any failure in or breach of our information security systems, those of third party service providers or a breach of other third party systems that ultimately impacts our operational or information security systems as a result of cyber-attacks or information security breaches could result in a wide range of potentially serious harm to our business and results of operations. Further, the techniques used by criminals to obtain unauthorized access to sensitive data, such as phishing and other forms of human engineering, are increasing in sophistication and are often novel or change frequently; accordingly, we may be unable to anticipate these techniques or implement adequate preventative measures.

Some of our directors are involved in other businesses including real estate activities and public and/or private investments and, therefore, may have competing or conflicting interests with us.

Certain of our directors have and may in the future have interests in other real estate business activities and may have control or influence over these activities or may serve as investment advisors, directors or officers. These interests and activities, and any duties to third parties arising from such interests and activities, could divert the attention of such

directors from our operations. Additionally, certain of our directors are engaged in investment and other activities in which they may learn of real estate and other related opportunities in their non-director capacities. Our Code of Business Conduct and Ethics applicable to our directors expressly provides, as permitted by Section 122(17) of the Delaware General Corporation Law (the DGCL), that our non-employee directors are not obligated to limit their interests or activities in their non-director capacities or to notify us of any opportunities that may arise in connection therewith, even if the opportunities are complementary to, or in competition with, our businesses. Accordingly, we have no expectation that we will be able to learn of or participate in such opportunities. If any potential business opportunity is expressly presented to a director exclusively in his or her director capacity, the director will not be permitted to pursue the opportunity, directly or indirectly through a controlled affiliate in which the director has an ownership interest, without the approval of the independent members of our board of directors.

Pershing Square will have the ability to influence our policies and operations and its interests may not in all cases be aligned with other stockholders.

Pershing Square beneficially owns approximately 25.2% of our outstanding common stock as of December 31, 2021. Additionally, Mr. William Ackman, founder and chief executive officer of Pershing Square, is the chairman of our board of directors. Accordingly, Pershing Square will have the ability to influence our policies and operations, including the appointment of management, future issuances of our common stock or other securities, the payment of dividends, if any, on our common stock, the incurrence or modification of debt by us, amendments to our amended and restated certificate of incorporation and amended and restated bylaws and the entering into of extraordinary transactions, and its interests may not in all cases be aligned with other stockholders' interests.

FINANCIAL RISKS

Our indebtedness could adversely affect our business, prospects, financial condition or results of operations and prevent us from fulfilling our obligations under our Senior Notes and Loan Agreements.

We have a significant amount of indebtedness. As of December 31, 2021, our total consolidated debt was approximately \$4.6 billion (excluding an undrawn balance of \$85.0 million under our revolving credit facility) of which \$2.2 billion was recourse to the Company or one of its subsidiaries. In addition, we have \$97.7 million of recourse guarantees associated with undrawn financing commitments as of December 31, 2021. As of December 31, 2021, our proportionate share of the debt of our non-consolidated joint ventures (Real estate and other affiliates) was \$295.5 million based upon our economic ownership of which \$100.6 million was recourse to The Company.

Subject to the limits contained in the indentures governing the \$275 million Bridgeland Notes due 2026, the \$750 million 5.375% senior notes due 2028, the \$650 million 4.125% senior notes due 2029, and the \$650 million 4.375% senior notes due 2031 (collectively, the Senior Notes), the limits contained in the agreements governing our Term Loan and Revolver (collectively, the Loan Agreements) that mature on September 18, 2023, and any limits under our other debt agreements, we may need to incur substantial additional indebtedness from time to time, including project indebtedness for developments by our subsidiaries. If we incur additional indebtedness, the risks related to our level of indebtedness could intensify. Specifically, an increased level of indebtedness could have important consequences, including:

- making it more difficult for us to satisfy our obligations with respect to our indebtedness, including the Senior Notes and Loan Agreements
- limiting our ability to obtain additional financing to fund future working capital, capital expenditures, debt service requirements, execution of our business strategy or finance other general corporate requirements
- requiring us to make non-strategic divestitures, particularly when the availability of financing in the capital markets is limited, which may adversely impact sales prices
- requiring a substantial portion of our cash flow to be allocated to debt service payments instead of other business purposes, thereby reducing the amount of cash flow available for working capital, capital expenditures, acquisitions, dividends and other general corporate purposes
- increasing our vulnerability to general adverse economic and industry conditions, including increases in interest rates, particularly given that certain indebtedness bears interest at variable rates
- limiting our ability to capitalize on business opportunities, reinvest in and develop properties and to react to competitive pressures and adverse changes in government regulations
- placing us at a disadvantage compared to other less leveraged competitors, if any
- limiting our ability, or increasing the costs, to refinance indebtedness
- resulting in an event of default if we fail to satisfy our obligations under our indebtedness, which default could result in all or part of our indebtedness becoming immediately due and payable and, in the case of our secured debt, could permit the lenders to foreclose on our assets securing such debt

The indentures governing our Senior Notes, the Loan Agreements and our other debt agreements contain restrictions that may limit our ability to operate our business.

The indentures governing our Senior Notes contain certain restrictions that may limit our ability to operate. In addition, the Loan Agreements contain representations and covenants customary for loan agreements of this type, including financial covenants related to maintenance of interest coverage ratios and loan-to-value ratios with respect to the certain mortgaged properties, taken as a whole. The Loan Agreements also contain customary events of default, certain of which are subject to cure periods. These restrictions limit our ability or the ability of certain of our subsidiaries to, among other things:

- incur indebtedness or issue equity
- create certain liens
- pay dividends on, redeem or repurchase capital stock or make other restricted payments
- make investments
- incur obligations that restrict the ability of our subsidiaries to make dividend or other payments to us
- consolidate, merge or transfer all, or substantially all, of our assets
- enter into or amend lease or other agreements or transactions without consent
- substitute collateral, if applicable, due to produce and geographic concentrations
- enter into transactions with our affiliates
- create or designate unrestricted subsidiaries

Additionally, certain of our debt agreements also contain various restrictive covenants, including minimum net worth requirements, maximum payout ratios on distributions, minimum debt yield ratios, minimum fixed charge coverage ratios, minimum interest coverage ratios and maximum leverage ratios. The restrictions under the indentures and/or other debt agreements could limit our ability to finance our future operations or capital needs, make acquisitions or pursue available business opportunities.

We may be required to take action to reduce our debt or act in a manner inconsistent with our business objectives and strategies to meet such ratios and satisfy the covenants in our debt agreements. Events beyond our control, such as changes in economic and business conditions or the volatility and uncertainty created by COVID-19, may affect our ability to do so. We may not be able to meet the ratios or satisfy the covenants in our debt agreements, and we cannot assure that our lenders will waive any failure to do so. A breach of any of the covenants in, or our inability to maintain the required financial ratios, under our debt agreements would likely result in a default under such debt agreements, which may accelerate the principal and interest payments of the debt and, if such debt is secured, result in the foreclosure on certain of our assets that secure such debt. A breach of any of the covenants in, or our inability to maintain the required financial ratios, under our debt agreements also would prevent us from borrowing additional money under such agreements that include revolving credit facilities. A default under any of our debt agreements could, in turn, result in defaults under other obligations and result in other creditors accelerating the payment of other obligations and foreclosing on assets securing such obligations, if any. Any such defaults could materially impair our financial condition and liquidity. In addition, if the lenders under any of our debt agreements or other obligations accelerate the maturity of those obligations, we cannot assure that we will have sufficient assets to satisfy our obligations under the notes or our other debt.

We may be unable to develop and expand our properties without sufficient capital or financing.

Our business objective includes the development and redevelopment of our properties, particularly those in our Strategic Developments segment, which we may be unable to do if we do not have, cannot obtain or cannot generate sufficient capital from MPC land sales or operations, debt capital from lenders or the capital markets, or government incentives, such as tax increment financing, to proceed with planned development, redevelopment or expansion activities. We may be unable to access or acquire financing due to the market volatility and uncertainty created by COVID-19. We may be unable to obtain an anchor store, mortgage lender and property partner approvals that are required for any such development, redevelopment or expansion. We may abandon redevelopment or expansion activities already underway that we are unable to complete due to the inability to secure additional capital to finance such activities. This may result in charge-offs of costs previously capitalized. In addition, if redevelopment, expansion or reinvestment projects are unsuccessful, the investment in such projects may not be recoverable, in full or in part, from future operations or sale resulting in impairment charges.

We may be adversely affected by changes in LIBOR reporting practices, the method in which LIBOR is determined or the use of alternative reference rates.

On March 5, 2021, the ICE Benchmark Administration Limited, the administrator of LIBOR and the United Kingdom Financial Conduct Authority (FCA), which regulates the process for establishing London Interbank Offered Rate (LIBOR), announced that all LIBOR settings will either cease to be published by any benchmark administrator, or no longer be representative immediately after December 31, 2021, for most LIBOR settings, and immediately after June 30, 2023, for

overnight, one-month, three-month, six-month and 12-month U.S. dollar LIBOR settings. Accordingly, the FCA has stated that it does not intend to persuade or compel banks to submit to LIBOR after such respective dates. As of January 1, 2022, publication of one-week and two-month U.S. dollar LIBOR has ceased, and regulated U.S. financial institutions are no longer permitted to enter into new contracts referencing any LIBOR settings. The Alternative Reference Rates Committee (ARRC), a committee convened by the Federal Reserve Board and the New York Federal Reserve Bank, has proposed replacing U.S. dollar LIBOR with a new index based on trading in overnight repurchase agreements, the Secured Overnight Financing Rate (SOFR). The ARRC has formally announced and recommended SOFR as an alternative reference rate to LIBOR. At this time, we are not able to accurately predict whether SOFR will become the most prevalent alternative reference rate in the market, or what impact the transition from LIBOR to alternative reference rates may have on our business, results of operations, and financial condition. Additionally, it is difficult to predict whether and to what extent banks will continue to provide submissions to the administrator of rate quotes for the U.S. dollar LIBOR settings that have not already been discontinued or, if they do, whether such rates will be representative of the underlying market or economic reality before they are scheduled to be discontinued on June 30, 2023, or whether any additional reforms to LIBOR may be enacted in the United Kingdom or elsewhere.

As of December 31, 2021, we had approximately \$1.2 billion of mortgages, notes and loans payable indexed to LIBOR. During 2021, we entered into certain new borrowings indexed to SOFR. It is anticipated that SOFR will be the benchmark for new borrowings and that we will modify certain existing borrowings to replace LIBOR with SOFR. However, there can be no assurances on which benchmark rate(s) may replace LIBOR or how LIBOR will be determined for purposes of financial instruments that are currently referencing LIBOR when it ceases to exist, and the discontinuance of LIBOR may result in uncertainty or differences in the calculation of the applicable interest rate or payment amount depending on the terms of the governing instruments and may also increase operational and other risks to the Company and our industry. For example, if a published U.S. dollar LIBOR rate is unavailable, the interest rates on our mortgage notes, certain of which are indexed to LIBOR, will be determined using various alternative methods, any of which may result in interest obligations which are more than or do not otherwise correlate over time with the payments that would have been made on such debt if U.S. dollar LIBOR was available in its current form. Our financial instruments may require changes to documentation as well as enhancements and modifications to systems, controls, procedures and models, which could present operational and legal challenges for us and our customers, investors and counterparties. There can be no assurance that we will be able to modify all existing financial instruments before the discontinuation of LIBOR. If such financial instruments are not remediated to provide a method for transitioning from LIBOR to an alternative reference rate, the New York state LIBOR legislation and proposed federal legislation related to the LIBOR transition may provide statutory solutions to implement an alternative reference rate and provide legal protection against litigation.

The market transition away from LIBOR to an alternative reference rate is complex, and any of these proposals or consequences could have a material adverse effect on our financing costs, and as a result, our financial condition, operating results and cash flows. We continue to monitor developments in the LIBOR transition and the proposed federal legislation related to the LIBOR transition to facilitate an orderly transition away from the use of LIBOR.

We are subject to risks associated with hedging arrangements.

We enter into interest rate swap agreements and other interest rate hedging contracts, including caps and cash settled forward starting swaps, to mitigate or reduce our exposure to interest rate volatility or to satisfy lender requirements. These agreements expose us to additional risks, including a risk that counterparties of these hedging and swap agreements will not perform. There also could be significant costs and cash requirements involved to fulfill our obligations under a hedging agreement. In addition, our hedging activities may not have the desired beneficial impact on interest rate exposure and have a negative impact on our business, financial condition and results of operations.

We may not realize the value of our tax assets.

Certain provisions of the Internal Revenue Code could limit our ability to fully utilize certain tax assets if we were to experience a change in control. As of December 31, 2021, we have approximately \$384.8 million of federal net operating loss carryforwards. If certain change in control events were to occur, the cash flow benefits we might otherwise have received could be decreased.

Inflation may adversely affect us by increasing costs beyond what we can recover through price increases.

The U.S. economy has experienced an increase in inflation recently. Inflation can adversely affect us by increasing costs of land, materials and labor. Although we believe that sources of supply for raw materials and components are generally adequate, it is difficult to predict what effects price increases may have in the future. In addition, significant inflation is often accompanied by higher interest rates, which have a negative impact on demand for homes in our MPCs and demand for our condominium projects, and our ability to refinance existing indebtedness on favorable terms, or at all, due to higher borrowing costs. In an inflationary environment, depending on the homebuilding industry and other economic

conditions, we may be precluded from raising land prices enough to keep up with the rate of inflation, which could significantly reduce our profit margins. In recent years we have been experiencing increases in the prices of labor and materials above the general inflation rate. Our inability to offset increasing costs due to inflation through price increases to customers could have a material adverse effect on our results of operations, financial conditions and cash flows.

Some potential losses are not insured.

We carry comprehensive liability, fire, flood, earthquake, terrorism, extended coverage and rental loss insurance on all of our properties. We believe the policy specifications and insured limits of these policies are adequate and appropriate. There are some types of losses, including lease and other contract claims, which generally are not insured. If an uninsured loss or a loss in excess of insured limits occurs, we could lose all or a portion of the capital invested in a property, as well as the anticipated future revenue from the property. If this happens, we might remain obligated for any mortgage debt or other financial obligations related to the property.

REGULATORY, LEGAL AND ENVIRONMENTAL RISKS

Our development, construction and sale of condominiums are subject to state regulations and may be subject to claims from the condominium owner's association at each project.

A portion of our business is dedicated to the development and sale of condominiums. Condominiums are generally regulated by an agency of the state in which they are located or where the condominiums are marketed to be sold. In connection with our development and offering of condominium units for sale, we must submit regulatory filings to various state agencies and engage in an entitlement process by which real property owned under one title is converted into individual units. Responses or comments on our condominium filings may delay our ability to sell condominiums in certain states and other jurisdictions in a timely manner, or at all. Further, we will be required to transfer control of a condominium association's board of directors once we trigger one of several statutory thresholds, with the most likely triggers being tied to the sale of not less than a majority of units to third-party owners. Transfer of control can result in claims with respect to deficiencies in operating funds and reserves, construction defects and other condominium-related matters by the condominium association and/or third-party condominium unit owners. Any material claims in these areas could negatively affect our reputation in condominium development and ultimately have a material adverse effect on our business, financial condition and results of operations.

Development of properties entails a lengthy, uncertain and costly entitlement process.

Approval to develop real property sometimes requires political support and generally entails an extensive entitlement process involving multiple and overlapping regulatory jurisdictions and often requires discretionary action by local governments. Real estate projects must generally comply with local land development regulations and may need to comply with state and federal regulations. We incur substantial costs to comply with legal and regulatory requirements. An increase in legal and regulatory requirements may cause us to incur substantial additional costs, or in some cases cause us to determine that the property is not feasible for development. In addition, our competitors and local residents may challenge our efforts to obtain entitlements and permits for the development of properties. The process to comply with these regulations is usually lengthy and costly, may not result in the approvals we seek and can be expected to materially affect our development activities.

Government regulations and legal challenges may delay the start or completion of the development of our communities, increase our expenses or limit our homebuilding or other activities.

Various local, state and federal statutes, ordinances, rules and regulations concerning building, health and safety, site and building design, environment, zoning, sales and similar matters apply to and/or affect the real estate development industry. In addition, our ability to obtain or renew permits or approvals and the continued effectiveness of permits already granted or approvals already obtained depends on factors beyond our control, such as changes in federal, state and local policies, rules and regulations and their interpretations and application.

Municipalities may restrict or place moratoriums on the availability of utilities, such as water and sewer taps. If municipalities in which we operate take such actions, it could have an adverse effect on our business by causing delays, increasing our costs or limiting our ability to operate in those municipalities. These measures may reduce our ability to open new MPCs and to build and sell other real estate development projects in the affected markets, including with respect to land we may already own, and create additional costs and administration requirements, which in turn may harm our future sales, margins and earnings.

Governmental regulation affects not only construction activities but also sales activities, mortgage lending activities and other dealings with consumers. Further, government agencies routinely initiate audits, reviews or investigations of our business practices to ensure compliance with applicable laws and regulations, which can cause us to incur costs or create other disruptions in our business that can be significant. Further, we may experience delays and increased expenses as a result of legal challenges to our proposed communities, whether brought by governmental authorities or private parties.

We may be subject to increased compliance costs to comply with new and contemplated government regulations relating to energy standards and climate change.

A variety of legislation being enacted, or considered for enactment, at the federal, state and local level relating to energy and climate change. This legislation relates to items such as carbon dioxide emissions control and building codes that impose energy efficiency standards. New building code requirements that impose stricter energy efficiency standards could significantly increase our cost to construct buildings. Such environmental laws may affect, for example, how we manage storm water runoff, wastewater discharges and dust; how we develop or operate on properties on or affecting resources such as wetlands, endangered species, cultural resources, or areas subject to preservation laws; and how we address contamination. As climate change concerns continue to grow, legislation and regulations of this nature are expected to continue and to make compliance more costly. In addition, it is possible that some form of expanded energy efficiency legislation may be passed by the U.S. Congress or federal agencies and certain state legislatures, which may, despite being phased in over time, significantly increase our costs of building MPCs and the sale price to our buyers and adversely affect our sales volumes. We may be required to apply for additional approvals or modify our existing approvals because of changes in local circumstances or applicable law.

Energy-related initiatives affect a wide variety of companies throughout the United States and the world and, because our operations are heavily dependent on significant amounts of raw materials, such as lumber, steel and concrete, they could have an indirect adverse impact on our operations and profitability to the extent the manufacturers and suppliers of our materials are burdened with expensive cap and trade and similar energy related taxes and regulations. Our noncompliance with environmental laws could result in fines and penalties, obligations to remediate, permit revocations and other sanctions.

We may be subject to potential costs to comply with environmental laws.

Future development opportunities may require additional capital and other expenditures to comply with laws and regulations relating to the protection of the environment. Under various federal, state or local laws, ordinances and regulations, 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 and may 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 the parties in connection with the contamination. These laws often impose liability without regard to whether the owner or operator knew of, or was responsible for, the release of the hazardous or toxic substances. The presence of contamination or the failure to remediate contamination may adversely affect the owner's ability to sell or lease real estate or to borrow using the real estate as collateral. Other federal, state and local laws, ordinances and regulations require abatement or removal of asbestos-containing materials in the event of demolition or certain renovations or remodeling, the cost of which may be substantial for certain redevelopments, and also govern emissions of and exposure to asbestos fibers in the air. Federal and state laws also regulate the operation and removal of underground storage tanks. In connection with our ownership, operation and management of certain properties, we could be held liable for the costs of remedial action with respect to these regulated substances or tanks or related claims.

We cannot predict with any certainty the magnitude of any expenditures relating to the environmental compliance or the long-range effect, if any, on our operations. Compliance with such laws has not had a material adverse effect on our operating results or competitive position in the past but could have such an effect on our operating results and competitive position in the future.

Compliance with the Americans with Disabilities Act may be a significant cost for us.

The Americans with Disabilities Act of 1990, as amended (ADA), requires that all public accommodations and commercial facilities, including office buildings, meet certain federal requirements related to access and use by disabled persons. Compliance with ADA requirements could involve the removal of structural barriers from certain disabled persons' entrances which could adversely affect our financial condition and results of operations. Other federal, state and local laws may require modifications to or restrict further renovations of our properties with respect to such accesses. Noncompliance with the ADA or similar or related laws or regulations could result in the United States government imposing fines or private litigants being awarded damages against us. In addition, changes to existing requirements or enactments of new requirements could require significant expenditures. Such costs may adversely affect our business, financial and results of operations.

Climate change may adversely affect our business.

As a result of climate change, we may experience extreme weather and changes in precipitation and temperature, all of which may result in physical damage or a decrease in demand for our properties located in the areas affected by these conditions. Should the impact of climate change be material in nature or occur for lengthy periods of time, our financial condition or results of operations would be adversely affected. In addition, many state and local governments are adopting or considering adopting regulations requiring that property owners and developers include in their development or redevelopment plans resiliency measures to address climate-change related risks. We may be required to incur substantial costs if such regulations apply to any of our properties.

GENERAL RISKS

COVID-19 has disrupted our business and has had a material adverse effect on our business, financial performance and condition, operating results and cash flows.

COVID-19 has disrupted our business and has had a material adverse effect on our business, financial performance and condition, operating results and cash flows, and will continue to materially adversely impact and cause disruption to, our business, financial performance and condition, operating results and cash flows. Factors that would negatively impact our ability to successfully operate during and after COVID-19 or another pandemic include:

- our ability to continue to sell land to residential homebuilders and developers in our MPCs at attractive prices, which would lead to lower land sales revenue in our MPC segment, if such homebuilders continue to see a decline in new home sales to their consumers or if there is reduced availability of loans to support such homebuilders
- our ability to continue to collect rents, on a timely basis or at all, without reductions or other concessions, in multi-family and office properties
- our ability to collect rent from our retail tenants where most retail tenants have closed their businesses (including nearly all of our retail tenants in Summerlin, Ward Village and Riverwalk)
- reductions in demand for leased space and/or defaults under our leases, as a result of downturns in our tenants' personal financial situations as well as commercial businesses, which include retail stores, restaurants and event attractions such as those in the Seaport, in part due to containment measures, such as travel restrictions, mandatory government closures, quarantines, "shelter in place" orders and social distancing, as well as the overall impact on the economy and our tenants' industries (including the energy sector)
- fluctuations in regional and local economies, the residential housing and condominium markets, local real estate conditions, and tenant rental rates
- disruptions to supply chains continue and significant inflation has been seen in the market
- our ability to continue to make condominium sales in Hawai'i and land sales in our MPCs, in light of the impact on the overall economy and consumers' reluctance to make significant capital decisions in times of economic uncertainty, particularly if there is reduced availability of loans for such consumers
- our ability to attract people to the Seaport through socially distanced events and programs
- our and our tenants' ability to continue or complete construction as planned for their operations, or delays in the supply of materials or labor necessary for construction
- the continued service and availability of personnel, including our executive officers and other leaders that are part of our management team and our ability to recruit, attract and retain skilled personnel to the extent our management or personnel are impacted in significant numbers or in other significant ways by the outbreak of pandemic or epidemic disease
- our ability to ensure business continuity in the event our continuity of operations plan is not effective or improperly implemented or deployed during a disruption
- a complete or partial closure of, or other operational issues at, one or more of our MPCs or our corporate headquarters resulting from government action or otherwise
- delays in, or our ability to complete, sales of our remaining non-core assets on the expected terms or timing
- difficulty accessing debt and equity capital on attractive terms, or at all, and a severe disruption and instability in the global financial markets or deteriorations in credit and financing conditions that may affect our access to capital necessary to fund business operations or address maturing liabilities

The extent to which the ongoing COVID-19 pandemic will continue to impact our operations will depend on future developments, which are highly uncertain, cannot be predicted with confidence, and are largely outside of our control, including the scope, severity and duration of the pandemic, the spread of the Delta, Omicron or other potential new variants, the actions taken to contain the pandemic or mitigate its impact, and the direct and indirect economic effects of the pandemic and containment measures, among others. At various times during the course of the pandemic,

governments, businesses and the public have taken unprecedented actions and imposed restrictions to contain the spread of COVID-19 and mitigate the effects of the pandemic. We cannot predict whether and to what extent restrictions will be reinstated, whether additional cities and states will implement similar restrictions or when restrictions currently in place will expire. In addition to governmental restrictions, we cannot predict when our customers will again feel comfortable with frequenting retail establishments or working from offices.

The effects of restrictions on our operations, including future restrictions and extended periods of remote work arrangements, could strain our business continuity plans, introduce operational risk, including but not limited to cybersecurity risks, and impair our ability to manage our business. The rapid development and fluidity of this situation precludes any prediction as to the full adverse impact of the COVID-19 pandemic. The COVID-19 pandemic presents material uncertainty and risk with respect to our financial condition, results of operations, cash flows and performance. Moreover, many risk factors set forth herein should be interpreted as heightened risks as a result of the impact of the COVID-19 pandemic.

Loss of key personnel could adversely affect our business and operations.

We depend on the efforts of key executive personnel. The loss of the services of any key executive personnel could adversely affect our business and operations. While we believe we have proper succession planning and are confident we could attract and train new personnel if necessary, this could impose additional costs and hinder our business strategy. Competition for qualified personnel in our industry is intense.

Possible terrorist activity or other acts of violence could adversely affect our financial condition and results of operations.

Future terrorist attacks in the United States or other acts of violence may result in declining economic activity, which could harm the demand for goods and services offered by tenants and the value of our properties and might adversely affect the value of an investment in our securities. Such a resulting decrease in retail demand could make it difficult to renew or re-lease properties at lease rates equal to or above historical rates. Terrorist activities or violence also could directly affect the value of our properties, including a high-profile property such as the Seaport, through damage, destruction or loss, and the availability of insurance for such acts, or of insurance generally, might be lower or cost more, which could increase our operating expenses and adversely affect our financial condition and results of operations. To the extent that tenants are affected by future attacks, their businesses similarly could be adversely affected, including their ability to continue to meet obligations under their existing leases. These acts might erode business and consumer confidence and spending and might result in increased volatility in national and international financial markets and economies. Any one of these events might decrease demand for real estate, decrease or delay the occupancy of new or redeveloped properties, and limit access to capital or increase the cost of capital.

Our stock price may continue to be volatile.

The trading price of our common stock is likely to continue to be volatile due to the stock market's routine periods of large or extreme volatility. This volatility often has been unrelated or disproportionate to the operating performance of particular companies, including ours. Factors that affect our trading price include the following:

- results of operations that vary from the expectations of securities analysts and investors, including our ability to finance and achieve operational success at the Seaport project
- changes in expectations as to our future financial performance, including financial estimates and investment recommendations by securities analysts and investors
- announcements by us or our competitors of new significant real-estate developments, acquisitions, joint ventures, other strategic relationships or actions, or capital commitments, or responses to these events
- changes in general economic or market conditions, including increases in interest rates, or trends in our industry or markets
- future sales of our common stock or other securities
- the successful transition of our new senior executives and the services and contribution of our other senior management and key employees to execute on our Transformation Plan and to identify new opportunities
- guidance, if any, that we provide to the public, any changes in this guidance, or our failure to meet this guidance;
- the development and sustainability of an active trading market for our stock
- changes in accounting principles
- events or factors resulting from natural disasters
- other events or factors, including those resulting from war, acts of terrorism, or responses to these events

These broad market and industry fluctuations may adversely affect the market price of our common stock, regardless of our actual operating performance. In addition, price volatility may be greater if the public float and trading volume of our common stock is low. In the past, following periods of market volatility, stockholders have instituted securities class action litigation. If we were involved in securities litigation, it could have a substantial cost and divert resources and the attention of executive management from our business regardless of the outcome of such litigation.

Provisions in our certificate of incorporation, our by-laws, Delaware law, stockholder's rights agreement and certain other agreements may prevent or delay an acquisition of us, which could decrease the trading price of our common stock.

Our certificate of incorporation and bylaws contain the following limitations:

- the inability of our stockholders to act by written consent
- restrictions on the ability of stockholders to call a special meeting without 15% or more of the voting power of the issued and outstanding shares entitled to vote generally in the election of our directors
- rules regarding how stockholders may present proposals or nominate directors for election at stockholder meetings
- the right of our board of directors to issue preferred stock without stockholder approval
- a requirement that, to the fullest extent permitted by law, certain proceedings against or involving us or our directors or officers be brought exclusively in the Court of Chancery in the State of Delaware
- that certain provisions may be amended only by the affirmative vote of at least 66 2/3% of the shares of common stock entitled to vote generally in the election of directors

In addition, we are a Delaware corporation, and Section 203 of the DGCL applies to us. In general, Section 203 prevents an interested stockholder from engaging in certain business combinations with us for three years following the date that person becomes an interested stockholder subject to certain exceptions. The statute generally defines interested stockholder as any person that is the owner of 15% or more of the outstanding voting stock or is our affiliate or associate and was the owner of 15% or more of outstanding voting stock at any time within the three-year period immediately before the date of determination.

We have granted a waiver of the applicability of the provisions of Section 203 of the DGCL to Pershing Square Capital Management, L.P., PS Management GP, LLC and William A. Ackman, chairman of our Board (together, Pershing Square) such that Pershing Square may increase its position in our common stock up to 40% of the outstanding shares without being subject to Section 203's restrictions on business combinations. As such, Pershing Square, through its ability to accumulate more common stock than would otherwise be permitted under Section 203, has the ability to become a large holder that would be able to affect matters requiring approval by Company stockholders, including the election of directors and approval of mergers or other business combination transactions. The Board also amended the Company's Corporate Governance Guidelines to reflect that it will grant to any stockholder a waiver of the applicability of Section 203 of the DGCL to the acquisition of up to 40% of the Company's outstanding voting stock upon the request of such stockholder, subject to the Board's fiduciary duties and applicable law.

These anti-takeover provisions could make it more difficult for a third party to acquire us, even if the third-party's offer may be considered beneficial by many of our stockholders. As a result, our stockholders may be limited in their ability to obtain a premium for their shares. These provisions could limit the price that investors might be willing to pay in the future for shares of our common stock. There also may be dilution of our common stock from the exercise of outstanding warrants, which may materially adversely affect the market price and negatively impact a holder's investment.

Item 1B. Unresolved Staff Comments

None.

Item 2. Properties

Our corporate headquarters are located in The Woodlands, Texas. We also maintain offices at certain of our properties nationwide, including Honolulu, Hawai'i; New York, New York; Columbia, Maryland; Las Vegas, Nevada; and Phoenix, Arizona, which serve operations across all segments. We believe our present facilities are sufficient to support our operations.

OPERATING ASSETS

In our Operating Assets segment, we own a variety of asset types including retail, office, multi-family and other assets and investments. Our portfolio includes approximately 10.4 million square feet of retail and office properties, 4,200 wholly and partially owned multi-family units, and wholly and partially owned other properties and investments. In addition to several other locations, our assets in this segment are primarily located in and around Houston, Texas (The Woodlands and Bridgeland); Columbia, Maryland (Columbia); Las Vegas, Nevada (Summerlin); and Honolulu, Hawai'i (Ward Village).

The following table summarizes certain metrics of our office assets within our Operating Assets segment as of December 31, 2021:

Office Assets	Rentable Sq.Ft./Units	% Leased	Annualized Base Rent (thousands) (a)	Annualized Base Rent Per Square Foot (a)	Effective Annual Rent (thousands) (b)	Effective Annual Rent per Square Foot (b)	Year Built / Acquired / Last Renovated
The Woodlands							
One Hughes Landing	197,719	97%	\$5,775	\$30.12	\$8,635	\$45.03	2013
Two Hughes Landing	197,714	68%	4,072	30.36	6,167	45.97	2014
Three Hughes Landing	320,815	91%	8,159	28.43	11,778	41.05	2016
1725 Hughes Landing Boulevard	331,176	64%	4,375	20.70	6,096	28.85	2015
1735 Hughes Landing Boulevard	318,170	100%	7,884	24.78	11,605	36.47	2015
2201 Lake Woodlands Drive	24,119	100%	446	18.50	759	31.46	2011
Lakefront North	258,058	96%	4,275	22.37	7,101	37.16	2018
8770 New Trails (c)	180,000	100%	—	—	—	—	2020
9303 New Trails	97,967	79%	1,626	21.01	2,485	32.12	2011
3831 Technology Forest Drive	95,078	100%	2,349	24.70	3,419	35.96	2014
3 Waterway Square	232,021	91%	5,645	27.90	8,020	39.63	2013
4 Waterway Square	218,551	100%	6,559	30.01	9,371	42.88	2011
The Woodlands Towers at The Waterway	1,401,610	76%	29,951	29.64	45,148	44.68	2019
1400 Woodloch Forest	95,667	57%	1,469	31.61	1,518	32.68	2011
	<u>3,968,665</u>						
Columbia							
10 - 70 Columbia Corporate Center	898,746	84%	20,556	29.21	20,918	29.73	2012 / 2014
Columbia Office Properties	63,831	64%	894	27.13	931	28.23	2004 / 2007
One Mall North	97,092	93%	2,813	30.99	2,967	32.69	2016
One Merriweather	206,632	100%	7,754	37.53	7,767	37.59	2017
Two Merriweather	124,016	93%	4,568	39.47	4,588	39.64	2017
6100 Merriweather	319,470	66%	6,946	33.57	7,169	34.64	2019
	<u>1,709,787</u>						
Summerlin							
Aristocrat (c)	181,534	100%	—	—	—	—	2018
One Summerlin	206,279	96%	7,591	38.31	7,766	39.19	2015
Two Summerlin	144,615	100%	5,263	36.39	5,477	37.87	2018
	<u>532,428</u>						
Other							
110 North Wacker (d)	1,491,651	79%	24	28.27	29,891	34.87	2020
Total	<u>7,702,531</u>						

(a) Annualized Base Rent is calculated as the monthly Base Minimum Rent for the property for December 31, 2021, multiplied by 12. Annualized Base Rent Per Square Foot is the Annualized Base Rent for the property at December 31, 2021, divided by the average occupied square feet.

(b) Effective Annual Rent includes base minimum rent and common area maintenance recovery revenue. Effective Annual Rent Per Square Foot is the Effective Annual Rent divided by the average occupied square feet.

(c) 8770 New Trails and Aristocrat are build-to-suit projects entirely leased by a single tenant. Therefore, the Annualized Base Rent and Effective Annual Rent details have been excluded for competitive reasons.

(d) Our economic ownership in 110 North Wacker, located in Chicago, Illinois, is 23%.

The following table summarizes certain metrics of the retail properties (does not include any retail square feet within our multi-family or office assets) within our Operating Assets segment as of December 31, 2021:

Retail Properties	Rentable Sq.Ft./Units	% Leased	Annualized Base Rent (thousands) (a)	Annualized Base Rent Per Square Foot (a)	Year Built / Acquired / Last Renovated
The Woodlands					
Creekside Park West	72,977	72%	\$1,631	\$30.89	2019
Creekside Village Green	74,670	85%	2,040	33.13	2015
Hughes Landing Retail	125,798	89%	3,737	35.12	2015
1701 Lake Robbins	12,376	100%	522	42.16	2014
Lake Woodlands Crossing Retail	60,261	85%	1,512	29.47	2018
20/25 Waterway Avenue	50,062	98%	1,813	37.06	2011
Waterway Garage Retail	21,513	100%	450	26.45	2011
2000 Woodlands Parkway	7,900	100%	251	31.75	2016
	<u>425,557</u>				
Bridgeland					
Lakeland Village Center at Bridgeland	67,947	82%	1,403	33.57	2016
Columbia					
Columbia Regional Building	89,199	100%	2,704	30.31	2014
Merrweather District Area 3 Standalone Restaurant (b)	10,700	100%	—	—	2020
	<u>99,899</u>				
Summerlin					
Downtown Summerlin (c)	800,548	98%	23,153	30.38	2014 / 2015
Ward Village					
Ward Village Retail - Pending Redevelopment	550,122	83%	12,210	26.60	2002
Ward Village - New or Renovated	451,854	95%	18,092	42.05	2012 - 2021
	<u>1,001,976</u>				
Other					
Outlet Collection at Riverwalk (d)	264,080	88%	5,435	24.38	2014
Total	<u>2,660,007</u>				

- (a) Annualized Base Rent is calculated as the monthly Base Minimum Rent for the property for December 31, 2021, multiplied by 12. Annualized Base Rent Per Square Foot is the Annualized Base Rent for the property at December 31, 2021, divided by the average occupied square feet.
- (b) Merrweather District Area 3 Standalone Restaurant was transferred from Strategic Developments in the third quarter of 2020 but the tenant did not take occupancy until the fourth quarter of 2021. This project is entirely leased by a single tenant. Therefore, the Annualized Base Rent and Effective Annual Rent details have been excluded for competitive reasons.
- (c) Excludes 381,767 square feet of anchors and 40,846 square feet of additional office space above our retail space.
- (d) The entire property, located in New Orleans, Louisiana, is subject to a ground lease where we are the ground lessee.

The following tables summarize certain metrics of our multi-family Operating Assets as of December 31, 2021:

Multi-family Assets	Economic Ownership %	# Units	Retail Sq. Ft.	% Units Leased	Average Monthly Rate	Average Monthly Rate Per Square Foot	Year Built / Acquired / Last Renovated
The Woodlands							
Creekside Park Apartments	100%	292	—	98%	\$1,574	\$1.61	2018
Creekside Park The Grove	100%	360	—	78%	1,606	1.63	2021
Millennium Six Pines Apartments	100%	314	—	99%	2,016	2.10	2016
Millennium Waterway Apartments	100%	393	—	98%	1,544	1.72	2012
One Lakes Edge	100%	390	22,971	100%	2,164	2.19	2015
Two Lakes Edge	100%	386	11,448	100%	2,315	2.32	2020
The Lane at Waterway	100%	163	—	99%	2,109	1.92	2020
Bridgeland							
Lakeside Row	100%	312	—	99%	1,701	1.73	2019
Columbia							
Juniper Apartments	100%	382	56,683	97%	2,189	2.45	2020
The Metropolitan Downtown Columbia	50%	380	13,591	100%	2,325	2.46	2015
m.flats/TEN.M	50%	437	28,026	98%	2,374	2.67	2018
Summerlin							
Constellation Apartments	100%	124	—	100%	2,330	2.09	2017
Tanager Apartments	100%	267	—	99%	1,961	2.01	2019
Total		4,200	132,719				

The following tables summarize certain metrics of our other Operating Assets as of December 31, 2021:

Other Assets	Economic Ownership %	Asset Type	Sq. Ft. / Acres / Units / Spaces	% Leased	Year Built / Acquired / Last Renovated
The Woodlands					
Hughes Landing Daycare	100%	Daycare	10,000 sq.ft.	100%	2019
HHC 242 Self-Storage	100%	Storage	631 units	95%	2017
HHC 2978 Self-Storage	100%	Storage	729 units	93%	2017
Stewart Title of Montgomery County, TX	50%	Title Company	N/A	N/A	—
The Woodlands Ground Leases	100%	Ground lease	N/A	N/A	Various
Woodlands Sarofim #1	20%	Industrial	129,790 sq. ft.	66%	late 1980's
The Woodlands Warehouse	100%	Warehouse	125,801 sq. ft.	100%	2019
Summerlin					
Hockey Ground Lease	100%	Ground lease	N/A	N/A	2017
Las Vegas Aviators	100%	Minor League Baseball Team	N/A	N/A	2017
Las Vegas Ballpark	100%	Ballpark	N/A	N/A	2019
Summerlin Hospital Medical Center	5%	Hospital	N/A	N/A	1997
Ward Village					
Kewalo Basin Harbor	Ground Lease	Marina	55 acres	N/A	2019
Other					
Parking Garages (a)	100%	Garage	6,748 spaces	N/A	Various

(a) Parking Garages consists of Woodloch Forest Garage, Waterway Square Garage, Hughes Landing Garages, Ward Village Shops Garage, Ae'o Garage and Lakefront Parking Garages.

The following table summarizes our Operating Assets segment lease expirations:

\$ in thousands

Year	Number of Expiring Leases	Total Square Feet Expiring	Total Annualized Base Rent Expiring	% of Total Annual Gross Rent Expiring
2022	201 (a)	579,429	\$ 15,425	5.2 %
2023	107	364,944	15,645	5.3 %
2024	126	571,515	24,208	8.1 %
2025	177	993,238	45,684	15.4 %
2026	90	414,125	18,892	6.3 %
2027	72	769,413	33,593	11.3 %
2028	47	350,809	16,007	5.4 %
2029	43	411,207	16,775	5.6 %
2030	38	463,488	19,460	6.5 %
2031	27	240,787	10,925	3.7 %
2032+	89	1,612,976	80,966	27.2 %
Total	1,017	6,771,931	\$ 297,580	100.0 %

(a) Includes 18 specialty leases totaling 22,853 square feet which expire in less than 365 days.

MASTER PLANNED COMMUNITIES

Our MPCs are located in and around Houston, Texas; Las Vegas, Nevada; Phoenix, Arizona and Columbia, Maryland. The following table summarizes our MPCs as of December 31, 2021:

Community	Location	Total Gross Acres (a)	Approx. No. Residents	Remaining saleable Acres		Average Price Per Acre (thousands) (b)		Remaining Saleable Residential Lots (c)	Projected Community Sell-Out Date		Average Cash Margin (d)	Undiscounted/Uninflated Value (millions) (e)	
				Residential	Commercial	Residential	Commercial		Residential	Commercial		Residential	Commercial
Bridgeland	Cypress, TX	11,506	17,500	2,483	1,346	\$494	\$629	12,117	2036	2045	87%	\$1,065	\$847
Columbia	Columbia, MD	16,450	112,000	—	96	N/A	580	—	N/A	2024	N/A	—	56
Douglas Ranch	Phoenix, AZ	33,810	—	17,770	9,578	332	204	90,680	2081	2081	88%	5,168	1,954
Summerlin	Las Vegas, NV	22,500	120,000	2,543	825	977	1,039	17,858	2039	2039	75%	1,853	857
The Woodlands	The Woodlands, TX	28,545	120,000	32	749	1,983	961	121	2025	2034	97%	61	720
The Woodlands Hills	Conroe, TX	2,055	1,600	1,212	175	315	515	3,841	2030	2030	86%	329	90
Total		114,866	371,100	24,040	12,769			124,617				\$8,476	\$4,524
Trillium (f)	Phoenix, AZ	3,029	—	1,230	337	305	173	5,209	2033	2026	61%	\$229	\$58

- (a) Encompasses all of the land located within the borders of the master planned community, including parcels already sold, saleable parcels and non-saleable areas such as roads, parks and recreation areas, conservation areas and parcels acquired during the year.
- (b) Average Price Per Acre is the uninflated weighted-average land value per acre estimated in the Company's 2022 land models.
- (c) Remaining Saleable Residential Lots are estimates and include only lots that are intended for sale or joint venture. The mix of intended use on our remaining saleable and developable acres is primarily based on assumptions regarding entitlements and zoning of the remaining project and are likely to change over time as the master plan is refined.
- (d) Average Cash Margin represents the total projected cash profit (total projected cash sales minus remaining projected cash development expenditures), divided by total projected cash sales. It is calculated based on future revenues and future projected non-reimbursable development costs, capitalized overhead, capitalized taxes and capitalized interest.
- (e) Undiscounted / Uninflated Value represents Remaining Saleable Acres, multiplied by Average Price Per Acre, multiplied by Average Cash Margin.
- (f) Data is presented at 100%, of which the Company owns a 50.0% interest in Trillium. See below for additional details.

The Summit

Within our Summerlin MPC, an exclusive luxury community named The Summit is being developed and managed through a joint venture with Discovery Land Company (Discovery), a leading developer of luxury communities and private clubs. The 555-acre community is expected to consist of approximately 270 homes including 32 condominiums, plus an 18-hole Tom Fazio designed golf course and other amenities for residents. See Item 7. *Management's Discussion and Analysis of Financial Condition and Results of Operations* and Note 2 - *Investments in Real Estate and Other Affiliates* in the Notes to Consolidated Financial Statements under Item 8 of this Form 10-K for further details.

Trillium

Trillium is the first village to be developed in our recently acquired Douglas Ranch MPC. Trillium will be developed and managed through a 50% joint venture with Trillium Development Holding Company, LLC. The 3,029-acre village is located in the greater Phoenix, Arizona area and expected to consist of approximately 5,000 residential lots as well as a business park. Land sales are expected to commence at Trillium in the first half of 2022. See Item 7. *Management's Discussion and Analysis of Financial Condition and Results of Operations* and Note 2 - *Investments in Real Estate and Other Affiliates* in the Notes to Consolidated Financial Statements under Item 8 of this Form 10-K for further details.

Seaport

The Seaport, located on the East River in Lower Manhattan, encompasses several city blocks (inclusive of Historic Area/Uplands, Pier 17, Tin Building and the 250 Water Street parking lot) and totals approximately 461,000 square feet of innovative culinary, entertainment and cultural experiences.

The following table summarizes certain metrics of the Seaport as of December 31, 2021:

	Landlord Operations (a)		Managed Businesses (b)		Events, Sponsorships & Catering Business (e)	Total
	Historic District & Pier 17	Multi-Family (c)	Historic District & Pier 17	Tin Building (d)		
<i>\$ in thousands</i>						
Project Status	Unstabilized	Stabilized	Unstabilized	Under Construction	Unstabilized	
Rentable Sq. Ft. / Units						
Total Sq. Ft. / units	333,803	13,000 / 22	52,370	53,783	21,077	
Leased Sq. Ft. / units	(f) 149,728	— / 20	52,370	53,783	21,077	
% Leased or occupied	(f) 45%	—% / 91%	100%	100%	100%	
Development	(g)					
Development costs incurred	\$ 557,783	\$ —	\$ —	\$ 161,593	\$ —	\$ 719,376
Estimated total costs (excl. land)	594,368	—	—	194,613	—	788,981

- (a) Landlord operations represents physical real estate developed and owned by HHC and leased to third parties.
- (b) Managed businesses represents retail and food and beverage businesses that HHC owns, either wholly or through joint ventures, and operates, including through license and management agreements.
- (c) Multi-Family represents 85 South Street which includes base level retail in addition to residential units.
- (d) Represents the marketplace by Jean-Georges. Construction on core and shell of the Tin Building is complete, with opening expected in the first half of 2022.
- (e) Events, sponsorships & catering business includes private events, catering, sponsorships, concert series and other rooftop activities.
- (f) The percent leased for Landlord operations - Historic District & Pier 17 includes agreements with terms of less than one year.
- (g) Development costs incurred and Estimated total costs (excl. land) are shown net of insurance proceeds of approximately \$64.7 million.

STRATEGIC DEVELOPMENTS

We continue to plan, develop and hold or seek development rights for unique properties primarily in Ward Village, The Woodlands, Bridgeland, Summerlin, Columbia and Douglas Ranch. We continue to execute our strategic plans for developing several of these assets with construction either actively underway or pending. Strategic Developments are transferred into our Operating Assets segment when the asset is placed in service and increase recurring cash flow.

The majority of our Total Estimated Costs of projects currently under construction in our Strategic Developments segment relate to our projects in Honolulu at Ward Village and in Las Vegas at Summerlin. Ward Village is a globally recognized urban master planned condominium community offering integration with local culture, access to parks and public amenities, unique retail experiences, exceptional residences and desirable workforce housing. Refer to the Seaport segment section for details of projects currently under construction in that segment.

The following table summarizes our Strategic Developments projects as of December 31, 2021:

<i>\$ in thousands</i>	Location	Size / GLA (a)	Size (Acres)	Total Estimated Cost	Construction Start	Estimated Completion	Estimated Stabilization Date
Strategic Developments Under Construction							
Columbia							
Marlow	Columbia, MD	472 units / 32,000 sq ft	4	\$130,490	Q1 2021	Q1 2023	2026
Bridgeland							
Starling at Bridgeland	Cypress, TX	358 units	15	60,572	Q4 2020	Q2 2022	2025
Summerlin							
1700 Pavilion	Las Vegas, NV	267,000 sq ft	3	121,515	Q2 2021	Q4 2022	2025
Tanager Echo	Las Vegas, NV	294 units	3	86,160	Q2 2021	Q1 2023	2026
The Woodlands							
Memorial Hermann Health System Build-to-Suit	The Woodlands, TX	20,000 sq ft	4	6,032	Q4 2021	Q1 2023	2023
Ward Village							
Under Construction							
Kō'ula	Honolulu, HI	565 units / 36,787 sq ft	2	487,039	Q3 2019	Q3 2022	N/A
Victoria Place	Honolulu, HI	349 units	2	503,271	Q1 2021	2024	N/A
Completed (b)							
'A'ali'i	Honolulu, HI	750 units / 11,570 sq ft	2	394,908	Q4 2018	Open	N/A
Waiea	Honolulu, HI	177 units / 7,716 sq ft	2	595,470	Q2 2014	Open	N/A
Completed and Sold Out							
Ae'o	Honolulu, HI	465 units / 70,800 sq ft	3	430,737	Q1 2016	Open	N/A
Anaha	Honolulu, HI	317 units / 16,048 sq ft	2	403,974	Q4 2014	Open	N/A
Ke Kilohana	Honolulu, HI	423 units / 28,386 sq ft	1	217,483	Q4 2016	Open	N/A
Future Strategic Developments Rights or Pending Construction							
Columbia							
Lakefront District (c)	Columbia, MD	1,914,000 sq ft					
South Lake Medical Office Building (d)	Columbia, MD	86,000 sq ft	2				
Bridgeland							
Bridgeland Single-Family for Rent (d)	Cypress, TX	263 units	29				
Summerlin							
80% Interest in Fashion Show Air Rights	Las Vegas, NV	—	—				
The Woodlands							
Creekside Park Medical Plaza (e)	The Woodlands, TX	33,000 sq ft	3				
Ward Village							
The Park Ward Village (f)	Honolulu, HI	545 units / 37,236 sq ft	—				
Other							
West End Alexandria (g)	Alexandria, VA	—	41				
Maui Ranch Land	Maui, HI	—	20				
Commercial Land							
The Woodlands							
The Woodlands Commercial Land (h)	The Woodlands, TX	—	13				
Columbia							
Merriweather District (h)	Columbia, MD	—	15				
Ward							
Ward Commercial Land (h)	Honolulu, HI	—	10				

- (a) For condominium units, single-family and multi-family assets, square feet represents ground floor retail space whereas units represents residential units for sale or rent.
- (b) There are 2 units remaining to be sold at Waiea and 78 units remaining to be sold at the newly completed 'A'ali'i. The retail section of 'A'ali'i is still under construction as of December 31, 2021, and is expected to be placed in service in early 2022.
- (c) We are currently approved for approximately 2.0 million square feet of net new mixed-use development in the Lakefront District which will include office, retail and residual assets. The remaining 1.9 million excludes approximately 86,000 square feet allocated to the first office development, South Lake Medical Office Building.
- (d) South Lake Medical Office Building, a future office development in Columbia, and Bridgeland Single-Family for Rent, our first single-family for rent community in Bridgeland, have received board approval and are expected to begin construction in the first quarter of 2022.
- (e) Creekside Park Medical Plaza, a future medical office development, began construction in the first quarter of 2022.
- (f) Acreage related to The Park Ward Village is still included in the Operating Asset segment as of December 31, 2021, and will be transferred to the Strategic segment in 2022.
- (g) Represents acreage owned by a joint venture between the Company, Foulger-Pratt and Seritage. Refer to Note 2 - *Investments in Real Estate and Other Affiliates* in the Notes to Consolidated Financial Statements under Item 8 of this Form 10-K for further details.
- (h) Represents land acquired or transferred to the Strategic Development segment in prior years for future development, excluding acreage related to assets that are now in service in our Operating Assets segment or related to completed or under construction condominium towers.

Item 3. Legal Proceedings

We, as part of our normal business activities, are a party to a number of legal proceedings. Management periodically assesses our liabilities and contingencies in connection with these matters based upon the latest information available. We disclose material pending legal proceedings pursuant to Securities and Exchange Commission rules and other pending matters as we may determine to be appropriate. As of December 31, 2021, management believes that any monetary liability or financial impact of claims or potential claims to which we might be subject after final adjudication of any legal procedures would not be material to our financial position or our results of operations. The cost of the Waiea settlement, however, could affect our cash flows for a limited period of time. See Note 10 - *Commitments and Contingencies* in the Notes to Consolidated Financial Statements under Item 8 of this Form 10-K for further discussion.

Item 4. Mine Safety Disclosure

Not applicable.

PART II

Item 5. Market for Registrant’s Common Equity, Related Stockholder Matters and Issuer Purchases of Equity Securities

MARKET INFORMATION

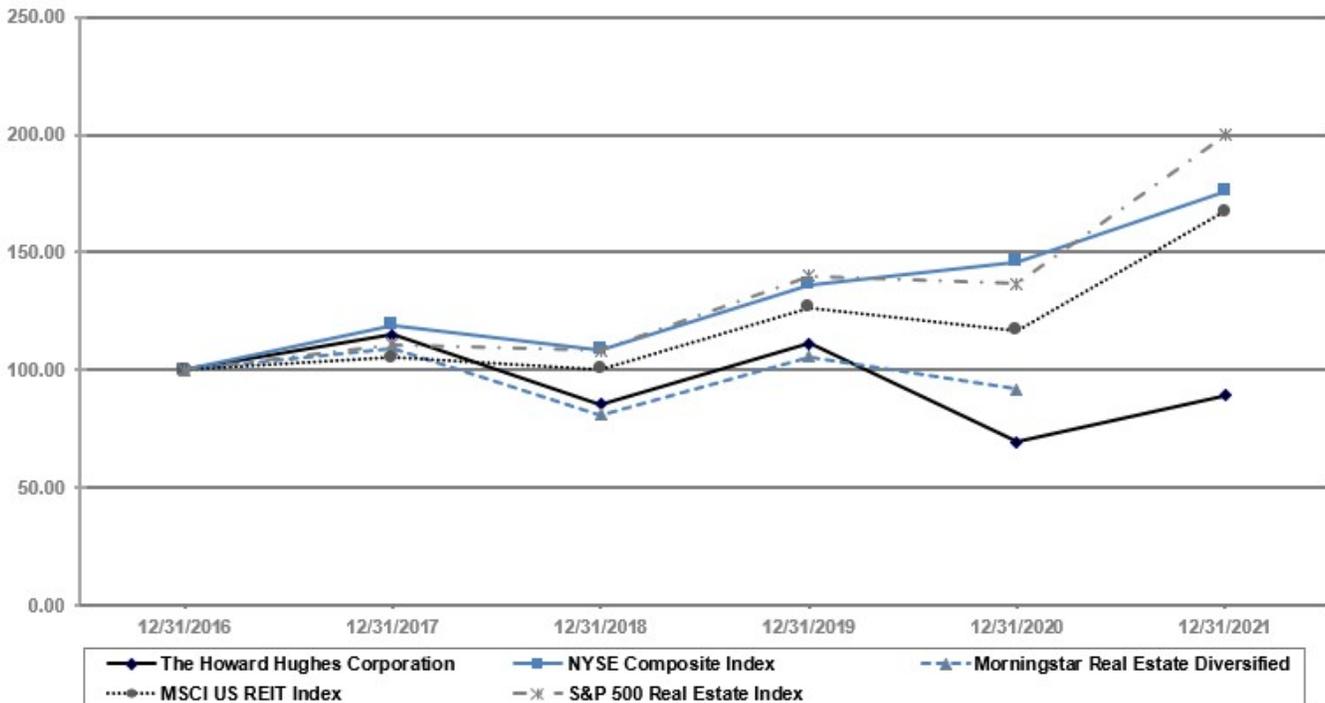
Our common stock is traded on the New York Stock Exchange (the NYSE) under the symbol HHC. No dividends have been declared or paid in 2021 or 2020. Any future determination related to our dividend policy will be made at the discretion of our board of directors and will depend on a number of factors, including future earnings, capital requirements, restrictions under debt agreements, financial condition and future prospects and other factors the board of directors may deem relevant.

NUMBER OF HOLDERS OF RECORD

As of February 22, 2022, there were 1,372 stockholders of record of our common stock.

PERFORMANCE GRAPH

The following performance graph compares the yearly dollar change in the cumulative total stockholder return on our common stock with the cumulative total returns of the NYSE Composite Index, MSCI US REIT Index and the S&P 500 Real Estate Index. The S&P 500 Real Estate Index replaces the Morningstar Real Estate Diversified Index in this analysis and going forward, as the latter data is no longer accessible. The latter index has been included with data through 2020. The graph tracks the performance of a \$100 investment in our common stock and in each of the indexes during the last five fiscal years ended December 31, 2021. The graph was prepared based on the assumption that dividends have been reinvested subsequent to the initial investment. Stockholder returns over the indicated period are based on historical data and should not be considered indicative of future stockholder returns.



PURCHASES OF EQUITY SECURITIES BY THE ISSUER

The following sets forth information with respect to the equity compensation plans available to employees, directors and consultants of the Company at December 31, 2021:

Plan Category	(a) Number of securities to be issued upon exercise of outstanding options, warrants and rights (1)	(b) Weighted-average exercise price of outstanding options, warrants and rights	(c) Number of securities remaining available for future issuance under equity compensation plans (excluding securities reflected in column (a))
Equity compensation plans approved by security holders (2)	2,323,847	\$ 122.95	1,102,470
Equity compensation plans not approved by security holders	50,125	\$ 112.08	—
Total	2,373,972	\$ 122.72	1,102,470

- (1) The amounts shown in columns (a) and (b) of the above table do not include 405,966 outstanding Common Shares (all of which are restricted and subject to vesting requirements) that were granted under the Company's 2020 Equity Incentive Plan and its predecessor, the Amended and Restated 2010 Incentive Plan (2010 Incentive Plan), as further described in Note 11 - *Stock-Based Compensation Plans* in the Notes to Consolidated Financial Statements under Item 8 of this Form 10-K.
- (2) Reflects stock option grants under the Company's 2020 Equity Incentive Plan and the 2010 Incentive Plan. Following adoption of the 2020 Equity Incentive Plan by our stockholders, grants are no longer made under the 2010 Incentive Plan. Column (a) also includes the warrants held by Messrs. O'Reilly, Weinreb, and Herlitz, as further described in Note 13 - *Warrants* in the Notes to Consolidated Financial Statements under Item 8 of this Form 10-K (which, in the case of Messrs. Weinreb and Herlitz, were approved by security holders).

In October 2021, the board of directors of The Howard Hughes Corporation, authorized a share repurchase program, pursuant to which the Company may, from time to time, purchase up to \$250.0 million of its common stock through open market transactions. The date and time of such repurchases will depend upon market conditions and the program may be suspended or discontinued at any time. The new program replaces the Company's prior share repurchase program adopted in October 2019, which authorized the repurchase of up to \$100.0 million of its common stock. Under this program, the Company had repurchased 496,000 shares of its common stock with an aggregate value of \$53.9 million. Under the new program, during the fourth quarter of 2021, the Company repurchased 1,023,284 shares of its common stock, par value \$0.01 per share, for \$96.6 million, or approximately \$94.42 per share. During the first quarter of 2022, the Company repurchased an additional 1,579,646 shares of its common stock, for \$153.4 million, or approximately \$97.10 per share, thereby completing all authorized purchases under the plan. All purchases were funded with cash on hand.

The following sets forth information with respect to repurchases made by the Company of its shares of common stock during the fourth quarter of 2021:

Period	Total number of shares purchased (a)	Average price paid per share	Total number of shares purchased as part of publicly announced plans or programs	Approximate dollar value of shares that may yet be purchased under the plans or programs
October 1-31, 2021	369	\$ 93.29	—	\$ 250,000,000
November 1-30, 2021	134,679	\$ 89.25	134,679	\$ 237,980,464
December 1-31, 2021	900,235	\$ 95.26	888,605	\$ 153,381,153
Total	1,035,283	\$ 94.48	1,023,284	

- (a) During the fourth quarter of 2021, 11,999 shares were repurchased related to stock received by the Company for the payment of withholding taxes due on employee share issuances under share-based compensation plans. For additional information, see Note 11 - *Stock-Based Compensation Plans* in the Notes to Consolidated Financial Statements under Item 8 of this Form 10-K.

Item 6. [Reserved]

Item 7. Management's Discussion and Analysis of Financial Condition and Results of Operations

The following discussion should be read in conjunction with our Consolidated Financial Statements and the related notes filed as a part of this Annual Report. This discussion contains forward-looking statements that involve risks, uncertainties, assumptions and other factors, including those described in Part I, Item 1A. *Risk Factors* and elsewhere in this Annual Report. These factors and others not currently known to us could cause our financial results in 2021 and subsequent fiscal years to differ materially from those expressed in, or implied by, those forward-looking statements. You are cautioned not to place undue reliance on this information which speaks only as of the date of this report. We are not obligated to update this information, whether as a result of new information, future events or otherwise, except as may be required by law.

All references to numbered Notes are to specific Notes to our Consolidated Financial Statements included in this Annual Report and which descriptions are incorporated into the applicable response by reference. Capitalized terms used, but not defined, in this Management's Discussion and Analysis of Financial Condition and Results of Operations (MD&A) have the same meanings as in such Notes.

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OVERVIEW

Please refer to Item 1. *Business* for a general discussion of our business strategy, competitive strengths and a general description of the assets contained in our four business segments and Item 2. *Properties* for details regarding the asset type, size, location and key metrics about our various properties.

The following section highlights significant activities and financial results for the Company and its segments during 2021. Performance for each of our business segments is more fully described hereinafter (all items are pre-tax unless otherwise noted).

Douglas Ranch Acquisition In October 2021, HHC announced the launch of Douglas Ranch, a new large-scale master planned community in the West Valley of Phoenix, Arizona. The Company closed on the all-cash purchase of approximately 33,810 acres for a purchase price of \$541.0 million. The purchase price includes an option for the seller, JDM Partners, to re-acquire a 50% interest in the property for an additional \$236.8 million, with \$33.8 million of the original purchase price being credited to the seller upon exercise of the option for a total capital contribution of \$270.6 million. If the option is not exercised by the seller, the \$33.8 million will be returned to the Company. Simultaneous with the land acquisition, the Company closed on the acquisition of a 50% interest in Trillium Development Holding Company, LLC, for \$59.0 million. Trillium Development Holding Company, LLC owns approximately 3,029 acres of land in the greater Phoenix, Arizona area. Trillium is Douglas Ranch's first village to begin development with land sales expected to occur in the first half of 2022. In total, the Douglas Ranch MPC encompasses almost 37,000 fully-entitled, "shovel-ready" acres and is poised for growth with in-place entitlements for 100,000 residential homes and 55 million square feet of commercial development.

COVID-19 Pandemic The outbreak of COVID-19 impacted global economic activity in early 2020 and caused significant volatility and negative pressure in financial markets. The impact of ongoing COVID-19 pandemic and resurgence of cases related to new variants, led to a wide variety of government-issued control measures, including states of emergency, required business and school closures, shelter-in-place orders and travel restrictions, resulted in a negative impact on our financial performance in 2020, particularly in our Operating Asset and Seaport segments. Many states began easing quarantine protocols near the end of the second quarter of 2020, which allowed most of our retail and hospitality properties to resume operations on a limited basis. The extent to which COVID-19 continues to impact us will depend on future developments, which are highly uncertain and cannot be predicted with confidence, including the actions taken to contain the pandemic or mitigate its impact, such as the speed and effectiveness of vaccine and treatment developments and their deployment, potential mutations of COVID-19, and the direct and indirect economic effects of the pandemic and containment measures.

While the impact of COVID-19 affected all of our business segments throughout 2020 and continued to impact the Company into 2021, we saw significant performance improvement during the second half of 2020 that has continued through 2021. Notably, during 2021, we achieved Operating Asset NOI of \$218.7 million and MPC EBT of \$316.6 million. This represents a \$39.1 million increase in Operating Asset NOI and a \$107.2 million increase in MPC EBT, as compared to 2020. In Ward Village, we closed on 670 condominium units, including 663 units at the newly completed 'A'ali'i tower, and contracted to sell 144 condominium units at our under-construction towers, Kō'ula and Victoria Place. In July 2021, we began public sales at our eighth condominium project, The Park Ward Village, which was 84.2% presold as of December 31, 2021. We also completed the sale of Monarch City in Collin County, Texas, our three hospitality properties in The Woodlands, Texas and Century Park in Houston, Texas, for combined net proceeds after debt repayment of \$195.6 million.

2021 Highlights

Comparison of the year ended December 31, 2021, to the year ended December 31, 2020

Total Company

- Net income attributable to common stockholders increased to \$56.1 million, or \$1.03 per diluted share, for the year ended December 31, 2021, compared to a loss of \$26.2 million, or \$0.50 per diluted share, for the year ended December 31, 2020.
- We continue to maintain a strong liquidity position with \$843.2 million of cash and cash equivalents and available capacity of \$85 million on the revolver portion of our credit facilities as of December 31, 2021, with limited near-term debt maturities.
- During 2021, we completed the sale of Monarch City, our three hospitality properties in The Woodlands and Century Park for net proceeds after debt repayment of \$195.6 million. Since the fourth quarter of 2019, we have completed the sales of 13 non-core assets generating approximately \$401.0 million of net proceeds after debt repayment.

Operating Assets

- Operating Assets NOI totaled \$218.7 million in 2021, a \$39.1 million or 21.8% increase compared to \$179.6 million in the prior year.
- Retail NOI increased \$17.6 million, primarily due to improving rent collections of 82.4% due to continued recovery from the COVID-19 pandemic as well as the receipt of one-time payments related to COVID-19 rent deferrals received throughout the year.
- Multi-family NOI increased \$14.1 million, primarily due to accelerated lease-up in our latest developments, including Two Lakes Edge at 99.7% leased, The Lane at Waterway at 99.4% leased and Juniper Apartments at 97.1% leased, which all opened in 2020 and are already stabilized.
- Other property NOI increased \$11.0 million, primarily due to the return of the Las Vegas Aviators 2021 baseball season. Las Vegas Ballpark generated \$6.0 million of NOI as the Las Vegas Aviators were able to host a full Minor League Baseball season compared to a \$3.6 million loss in 2020 due to no Minor League Baseball season as a result of COVID-19.
- Office NOI decreased \$4.5 million, primarily related to the planned expiration in June 2020 of a short-term lease for approximately 142,000 square feet at The Woodlands Towers at the Waterway which is being actively marketed.
- Hospitality NOI increased \$2.0 million, prior to disposition of these properties in September 2021.

MPC

- MPC EBT totaled \$316.6 million in 2021, a \$107.2 million or 51.2% increase compared to \$209.4 million in the prior year.
- The increase in EBT was primarily due to higher land sales revenues at Summerlin due to an increase in superpad and custom lot sales and higher Equity in earnings (losses) from real estate and other affiliates at The Summit due to an increase in the number of units sold in 2021 and the impact of increased amenity cost and higher unit completion cost in the prior-year period that did not repeat in 2021. These increases were partially offset by lower land sales revenues at The Woodlands due to the lack of available land as the community reaches completion.

Seaport

- Seaport EBT increased \$41.6 million to a loss of \$58.4 million, compared to a loss of \$100.0 million in the prior year.
- The increase in EBT was primarily due to several items in 2020 that did not reoccur in 2021, including a loss on extinguishment of debt and interest expense due to the early repayment of the \$250 million Seaport loan in August 2020, charges in the first quarter of 2020 related to write-offs of building improvements and retail inventory due to the permanent closure of 10 Corso Como Retail and Café and an impairment charge of \$6.0 million for the Company's equity investment in Mr. C Seaport in the second quarter of 2020. These increases were partially offset by an increase in operating expenses, net of an increase in segment revenues, as a result of increased activity in 2021 as business resumed after the onset of the COVID-19 pandemic.
- Seaport NOI decreased \$1.1 million to a loss of \$17.6 million, primarily due increased expenses related to the reopening of businesses following the COVID-19 pandemic as well as increased marketing costs, partially offset by the launch of new restaurant concepts and the reintroduction of the Seaport Summer Concert Series.
- Construction of the core and shell of the Tin Building is complete and the marketplace is expected to have its grand opening in the first half of 2022.
- In December 2021, we obtained final approval from the City of New York to transform the one-acre parking lot at 250 Water Street into a mixed-use development that will include multi-family rental units, office and retail space.

- Also in December 2021, we secured ground lease extension options at the Seaport for an additional 48 years from its current expiration in 2072 until 2120.

Strategic Developments

- Strategic Developments EBT totaled income of \$83.8 million in 2021, a \$94.0 million decrease compared to income of \$177.8 million in the prior year.
- The decrease in EBT was primarily due to the deconsolidation of 110 North Wacker in the third quarter of 2020. As part of the deconsolidation, a gain of \$267.5 million was recognized in Equity in earnings (losses) from real estate and other affiliates and an additional \$15.4 million of previously eliminated 110 North Wacker development fees were recognized in Other land, rental and property revenues. This decrease was partially offset by an increase in net condominium sales of \$121.4 million driven by timing of condominium closings.
- We completed construction at 'A'ali'i and began welcoming residents in October 2021. As of December 31, 2021, we closed on 663 units, totaling \$453.3 million in net revenue.
- We contracted to sell 144 condominium units during 2021 at our two under construction towers, Kō'ula and Victoria Place. Victoria Place, which began construction in February 2021, accounted for 78 of the units contracted during the quarter and was 99.1% presold as of December 31, 2021, with only 3 units remaining to be sold.
- The Park Ward Village, our eighth condominium project at Ward Village, began public sales in July 2021 and as of December 31, 2021, we have entered into contracts for 459 units, representing 84.2% of total units. The Park Ward Village is now Ward Village's fastest-selling tower since inception, surpassing Victoria Place, which held the previous record.
- During 2021, we placed Creekside Park The Grove, a multi-family property in The Woodlands, in service upon substantial completion of construction. We began construction on the following assets in 2021: (i) Marlow, a multi-family property in Columbia; (ii) Victoria Place, our seventh condominium project in Ward Village; (iii) Tanager Echo, a multi-family property in Summerlin; (iv) 1700 Pavilion, an office property in Summerlin; and (v) Memorial Hermann Health System Build-to-Suit, an office property in The Woodlands. These under construction assets represent 1,124 multi-family units, 349 condominium units and 319,000 square feet of office and retail space.

Corporate

- Net expenses related to Corporate income, expenses and other items increased \$43.3 million compared to the prior year period primarily due to a loss on extinguishment of debt related to the repurchase of the Company's \$1.0 billion 5.375% Senior Notes due 2025 during the first quarter of 2021, higher corporate interest expense, net primarily as a result of the issuance of \$750 million 5.375% Senior Notes in August 2020, as well as the issuance of \$650 million 4.125% Senior Notes and \$650 million 4.375% Senior Notes in the first quarter of 2021, offset by the repurchase of the \$1.0 billion 5.375% Senior Notes in the first quarter of 2021. These increases in net expenses were partially offset by a decrease in general and administrative expenses related to workforce reductions and other corporate initiatives, which are part of an overall plan to reduce recurring overhead costs, and a decrease in consulting expenses as a result of fewer IT projects taking place in 2021.

Capital and Financing Activities

- In 2021, we closed on \$2.1 billion of permanent financings, replacing \$2.1 billion of existing debt, and closed on \$628 million of construction financings to support development spending at our latest projects actively under construction. These financings extended the term of our maturities and took advantage of a historically low rate environment. Refer to Note 7 - *Mortgages, Notes and Loans Payable, Net* in the Notes to Consolidated Financial Statements under Item 8 of this Form 10-K for additional information.
- In October 2021, the board of directors authorized a share repurchase program to purchase up to \$250.0 million of its common stock. The Company repurchased \$96.6 million as of December 31, 2021, and completed all authorized purchases under the plan in the first quarter of 2022.

Overview of Business Segments

Operating Assets

Office and Multi-family We have seen continued strength in the performance of our office and multi-family assets. For the year ended December 31, 2021, we collected 98.8% of our office portfolio billings and 98.2% of our multi-family portfolio billings.

Retail Beginning in April 2020, we experienced the temporary closure of all non-essential retail in Summerlin, Houston and Ward Village, and the complete closure of the Outlet Collection at Riverwalk. Several of our tenants were able to resume limited operations in May and June 2020, and the majority of our tenants had reopened by the end of the third quarter of 2020. As a result of these closures, collections of our retail portfolio billings reached a low of 49.7% during the three months ended June 30, 2020, but increased to 72.6% for the three months ended December 31, 2020. This trend continued throughout 2021 with collections increasing each quarter and reaching 88.8% for the three months ended December 31, 2021, and 82.4% for the year ended December 31, 2021. As a result of improved collections and continued recovery as business rebounds from the COVID-19 pandemic, Retail NOI increased to \$57.6 million for the year ended December 31, 2021, a \$17.6 million increase compared to the year ended December 31, 2020.

Hospitality At the onset of the pandemic in March 2020, we temporarily closed all three of our hospitality properties. The Woodlands Resort reopened in May 2020, the Embassy Suites reopened in June 2020 and The Westin at The Woodlands reopened in July 2020. As a result, occupancy levels rose throughout the second half of 2020 and into 2021 but remained lower than levels achieved prior to the pandemic. On September 16, 2021, the Company completed the sale of all three hospitality assets for \$252.0 million, resulting in a gain on sale of \$39.1 million. Refer to Note 3 - *Acquisitions and Dispositions* in the Notes to Consolidated Financial Statements under Item 8 of this Form 10-K for further details.

Las Vegas Aviators The Minor League Baseball season was canceled for 2020, which impacted the Las Vegas Aviators, our Triple-A professional baseball team. Following the 2021 restructuring of Minor League Baseball, the Las Vegas Aviators are participating in the Triple-A West Professional Development League. The team began the 2021 season in May at 50% capacity and were able to operate at 100% capacity through the third quarter of 2021. As a result, NOI has increased substantially from a loss of \$3.6 million for the year ended December 31, 2020, to income of \$6.0 million for the year ended December 31, 2021.

MPC New home sales in our MPC locations, a leading indicator of land sales, dropped considerably in April of 2020 as a result of stay-at-home orders related to the pandemic, but experienced large upticks in May through December of 2020. In response, we restarted horizontal development to maintain a sufficient supply of lots and superpads to keep up with the strong home sales. Home sales remained strong through 2021, with 2,761 new homes sold in our MPCs for the year ended December 31, 2021, compared to the 2,724 new homes sold in our MPCs for the year ended December 31, 2020. In addition, the total acres of residential land sold across all our MPCs increased 50% in the year ended December 31, 2021 to 565 acres, compared to 377 acres in the prior-year period.

In October 2021, the Company announced the acquisition of Douglas Ranch and Trillium, an almost 37,000-acre fully-entitled, "shovel-ready" MPC location in Phoenix's West Valley for approximately \$600 million. Douglas Ranch is poised for growth with in-place entitlements for 100,000 residential homes and 55 million square feet of commercial development. Land sales are expected to commence at Trillium, Douglas Ranch's first village, in the first half of 2022. Trillium will be developed and managed through a joint venture.

Seaport In response to the pandemic, we completely closed the Seaport and halted construction on the Tin Building in March 2020. Social distancing restrictions also resulted in cancellation of our 2020 Seaport summer concert series. While restrictions remained in place throughout 2020 and into 2021, many of the businesses within the Seaport were able to resume operations, on a limited basis, in the third quarter of 2020. Most restrictions were lifted in June of 2021; however, many businesses at the Seaport continued to operate at reduced levels through the third quarter of 2021, primarily due to labor shortages. All venues were open and operating at close to full capacity during the fourth quarter of 2021. Construction on the Tin Building resumed in May 2020 and the core and shell of the building was completed as of December 31, 2021. The Tin Building is expected to open in the first half of 2022, with an expanded focus on in-person dining, retail shopping, mobile ordering and delivery. We are closely monitoring our revenues and for the year ended December 31, 2021, we have collected 98.0% of our \$4.8 million of office portfolio billings and a nominal amount of our \$4.2 million of retail portfolio billings as we have restructured many leases as a result of the impacts of the pandemic.

In April 2021, Momofuku reopened the Ssäm Bar in the space previously occupied by its former concept, Bar Wayō. Additionally, Andrew Carmellini's Noho Hospitality opened Mister Dips in May 2021 and Carne Mare in June 2021.

In 2020, in place of the cancelled summer concert series, we launched a new concept at the Pier 17 rooftop called The Greens, which allowed guests to reserve socially distanced, mini-lawn spaces. These lawn spaces were converted to individual dining cabins in the winter months. In 2021, the Seaport welcomed live events back to the Rooftop at Pier 17. Our first major event, following a COVID-related 16-month hiatus, was ESPN's broadcast of The ESPYS, which returned to New York for the first time in 22 years. In 2021, we also reintroduced The Greens on the Rooftop at Pier 17 with new and improved versions of both the summer mini-lawns and winter cabins. In anticipation of the return of concerts to Pier 17, the newly designed mini-lawns were fabricated as deployable units that could be easily removed for concerts and returned to the Rooftop on off days allowing for very limited downtime.

Following The ESPYS, live music returned to Pier 17 with the reintroduction of the Seaport Summer Concert Series. The 2021 summer concert series began in July 2021 and ran through mid-October 2021. During the 11-week concert season, Pier 17 hosted over 30 concerts, of which 20 were sold out. In total, approximately 74,000 guests attended the concert series, representing 90% of available ticket inventory.

In July 2021, we completed a brand overhaul for the Seaport including new identity, updated logo and complimenting ad campaign. The creative work was well received in the community and won DRIVENxDESIGN's Silver Award for Graphic Design, Illustration and Type. Across the Seaport, we executed a series of dynamic activations in vacant and public spaces to drive additional traffic and awareness to the Seaport. Finally, our Seaport Arts platform launched with two marquee exhibits, both of which drew tremendous global attention to the Seaport and elevated our profile as a destination for dynamic exhibitions by world class photographers.

We have also announced the future opening of two new concepts at the Fulton Market Building in the space previously occupied by 10 Corso Como. In the summer of 2022, in a joint partnership with Endorphin Ventures, we expect to launch The Lawn Club, a new concept that will transform 20,000 square feet of the Fulton Market Building into an immersive indoor and outdoor experience that includes an extensive indoor grass area, a stylish clubhouse bar and a wide variety of lawn games. We also expect to launch a new restaurant concept by Josh Eden and Wylie Dufresne at 1 Fulton Street featuring an all-day menu with many specialty to-go items and an expansive outdoor café in the summer of 2022.

In October 2020, we announced our comprehensive proposal for the redevelopment of 250 Water Street, which includes the transformation of this underutilized full-block surface parking lot into a mixed-use development that would include affordable and market rate apartments, community-oriented spaces and office space. This project, which includes approximately 547,000 zoning square feet, presents a unique opportunity at the Seaport to redevelop this site into a vibrant mixed-use asset, provide long-term viability to the South Street Seaport Museum and deliver much-needed affordable housing and economic stimulus to the area. In May 2021, we received approval from the New York City Landmarks Preservation Commission (LPC) on our proposed design for the 250 Water Street and in September 2021, the New York State Supreme Court dismissed on procedural grounds a lawsuit challenging the LPC approval. We received final approvals in December 2021 through the New York City Uniform Land Use Review Procedure known as ULURP, which will allow the necessary transfer of development rights to the parking lot site. Also in December 2021, an amendment to the Seaport ground lease was executed giving the Company extension options, at the discretion of the Company, for an additional 48 years from its current expiration in 2072 until 2120. We expect to begin comprehensive remediation of the site through the New York State Brownfield Cleanup program and break ground on the development in 2022. In February 2022, an additional lawsuit was filed challenging the land use approvals previously granted to the Company under the ULURP for the redevelopment and construction of 250 Water Street. The Company intends to vigorously contest the matter as it believes that these claims are without merit.

Strategic Developments Given the challenges presented by the pandemic, we implemented new strategies to sell condominiums in Hawai'i, which included 3D virtual tours of interactive floor plans, live chat capabilities with sales staff, and increased photographs on our websites.

In 2021, Ward Village achieved the highest sales volume in the community's history. During the fourth quarter of 2021, we completed construction on 'A'ali'i and closed on 663 units. As of December 31, 2021, our five completed towers are 96.2% sold and our two under-construction towers are 93.1% sold. We also launched public sales at The Park Ward Village, which was 84.2% presold at the end of 2021. The Park Ward Village is now Ward Village's fastest-selling tower since inception, surpassing Victoria Place, which held the previous record.

We have not experienced any delays in our existing construction as a result of COVID-19, other than the brief delay of construction on the Tin Building discussed above. In December 2020, we began construction on Starling at Bridgeland, a luxury multi-family development in Bridgeland. During the first quarter of 2021, we began construction on Marlow, a multi-family development in Columbia, and Victoria Place, our seventh condominium project in Ward Village. During the second quarter of 2021 in Downtown Summerlin, we began construction on 1700 Pavilion, an office building and Tanager Echo, a luxury apartment complex. During the fourth quarter of 2021, we began construction on Memorial Hermann Health System Build-to-Suit, a medical office property in The Woodlands. Additionally, we began construction on a second medical office property in The Woodlands in January 2022, and expect to begin construction on a new medical office property in Columbia and our first single-family for rent property in Bridgeland in the first quarter of 2022.

Earnings Before Taxes

In addition to the required presentations using GAAP, we use certain non-GAAP performance measures, as we believe these measures improve the understanding of our operational results and make comparisons of operating results among peer companies more meaningful. Management continually evaluates the usefulness, relevance, limitations and calculation of our reported non-GAAP performance measures to determine how best to provide relevant information to the public, and thus such reported measures could change.

Because our four segments, Operating Assets, MPC, Seaport and Strategic Developments, are managed separately, we use different operating measures to assess operating results and allocate resources among them. The one common operating measure used to assess operating results for our business segments is EBT. EBT, as it relates to each business segment, represents the revenues less expenses of each segment, including interest income, interest expense, depreciation and amortization and equity in earnings of real estate and other affiliates. EBT excludes corporate expenses and other items that are not allocable to the segments. See discussion herein at Corporate income, expenses and other items for further details. We present EBT for each segment because we use this measure, among others, internally to assess the core operating performance of our assets.

EBT should not be considered an alternative to GAAP net income attributable to common stockholders or GAAP net income, as it has limitations as an analytical tool, and should not be considered in isolation, or as a substitute for analysis of our results as reported under GAAP. Some of the limitations of EBT are that it does not include the following in our calculations:

- cash expenditures, or future requirements for capital expenditures or contractual commitments
- corporate general and administrative expenses
- interest expense on our corporate debt
- income taxes that we may be required to pay
- any cash requirements for replacement of fully depreciated or amortized assets
- limitations on, or costs related to, the transfer of earnings from our real estate and other affiliates to us

Segment operating results are as follows:

<i>thousands</i>	Operating Assets Segment (a)	MPC Segment	Seaport Segment	Strategic Developments Segment	Total
Year ended December 31, 2021					
Total revenues	\$ 442,698	\$ 409,746	\$ 55,008	\$ 520,109	\$1,427,561
Total operating expenses	(209,020)	(193,851)	(77,198)	(436,698)	(916,767)
Segment operating income (loss)	233,678	215,895	(22,190)	83,411	510,794
Depreciation and amortization	(163,031)	(366)	(30,867)	(6,512)	(200,776)
Interest income (expense), net	(75,391)	42,683	357	3,701	(28,650)
Other income (loss), net	(10,746)	—	(3,730)	2,536	(11,940)
Equity in earnings (losses) from real estate and other affiliates	(67,042)	59,399	(1,988)	(221)	(9,852)
Gain (loss) on sale or disposal of real estate and other assets, net	39,168	—	—	13,911	53,079
Gain (loss) on extinguishment of debt	(1,926)	(1,004)	—	—	(2,930)
Provision for impairment	—	—	—	(13,068)	(13,068)
Segment EBT	\$ (45,290)	\$ 316,607	\$ (58,418)	\$ 83,758	\$ 296,657
Corporate income, expenses and other items					(247,733)
Net income (loss)					48,924
Net (income) loss attributable to noncontrolling interests					7,176
Net income (loss) attributable to common stockholders					\$ 56,100

<i>thousands</i>	Operating Assets Segment (a)	MPC Segment	Seaport Segment	Strategic Developments Segment	Total
Year Ended December 31, 2020					
Total revenues	\$ 372,057	\$ 283,953	\$ 23,814	\$ 19,407	\$ 699,231
Total operating expenses	(185,480)	(128,597)	(46,112)	(135,160)	(495,349)
Segment operating income (loss)	186,577	155,356	(22,298)	(115,753)	203,882
Depreciation and amortization	(162,324)	(365)	(41,602)	(6,545)	(210,836)
Interest income (expense), net	(91,411)	36,587	(12,512)	6,312	(61,024)
Other income (loss), net	540	—	(2,616)	2,165	89
Equity in earnings (losses) from real estate and other affiliates	(7,366)	17,845	(9,292)	269,912	271,099
Gain (loss) on sale or disposal of real estate and other assets, net	38,232	—	—	21,710	59,942
Gain (loss) on extinguishment of debt	(1,521)	—	(11,648)	—	(13,169)
Provision for impairment	(48,738)	—	—	—	(48,738)
Segment EBT	\$ (86,011)	\$ 209,423	\$ (99,968)	\$ 177,801	\$ 201,245
Corporate income, expenses and other items					(204,418)
Net income (loss)					(3,173)
Net (income) loss attributable to noncontrolling interests					(22,981)
Net income (loss) attributable to common stockholders					\$ (26,154)
Year Ended December 31, 2019					
Total revenues	\$ 400,131	\$ 386,781	\$ 55,645	\$ 457,948	\$1,300,505
Total operating expenses	(187,322)	(183,472)	(77,872)	(391,848)	(840,514)
Segment operating income (loss)	212,809	203,309	(22,227)	66,100	459,991
Depreciation and amortization	(115,499)	(424)	(26,381)	(5,473)	(147,777)
Interest income (expense), net	(81,029)	32,019	(12,865)	11,321	(50,554)
Other income (loss), net	1,142	601	(22)	831	2,552
Equity in earnings (losses) from real estate and other affiliates	3,672	28,336	(2,592)	1,213	30,629
Gain (loss) on sale or disposal of real estate and other assets, net	—	—	(6)	27,119	27,113
Selling profit from sales-type leases	13,537	—	—	—	13,537
Gain (loss) on extinguishment of debt	—	—	4,851	—	4,851
Segment EBT	\$ 34,632	\$ 263,841	\$ (59,242)	\$ 101,111	\$ 340,342
Corporate income, expenses and other items					(266,047)
Net income (loss)					74,295
Net (income) loss attributable to noncontrolling interests					(339)
Net income (loss) attributable to common stockholders					\$ 73,956

(a) Total revenues includes hospitality revenues of \$35.6 million for the year ended December 31, 2021, \$35.2 million for the year ended December 31, 2020, and \$87.9 million for the year ended December 31, 2019. Total operating expenses includes hospitality operating costs of \$30.5 million for the year ended December 31, 2021, \$32.3 million for the year ended December 31, 2020, and \$60.2 million for the year ended December 31, 2019. In September 2021, the Company completed the sale of its three hospitality properties.

RESULTS OF OPERATIONS

Net income (loss) attributable to common stockholders increased \$82.3 million for the year ended December 31, 2021, compared to the same period in 2020 and decreased \$100.1 million for the year ended December 31, 2020, compared to the same period in 2019. See segment discussions for more detail on the changes described above.

Operating Assets

Segment EBT The following table presents segment EBT for Operating Assets for the years ended December 31:

Operating Assets Segment EBT <i>thousands</i>	2021	2020	2019	2021-2020 Change	2020-2019 Change
Rental Revenue	\$ 360,830	\$ 315,730	\$ 269,392	\$ 45,100	\$ 46,338
Other land, rental and property revenues	81,868	56,327	130,739	25,541	(74,412)
Total revenues	442,698	372,057	400,131	70,641	(28,074)
Operating costs	(158,994)	(133,877)	(155,137)	(25,117)	21,260
Rental property real estate taxes	(50,661)	(45,739)	(32,563)	(4,922)	(13,176)
(Provision for) recovery of doubtful accounts	635	(5,864)	378	6,499	(6,242)
Total operating expenses	(209,020)	(185,480)	(187,322)	(23,540)	1,842
Segment operating income (loss)	233,678	186,577	212,809	47,101	(26,232)
Depreciation and amortization	(163,031)	(162,324)	(115,499)	(707)	(46,825)
Interest income (expense), net	(75,391)	(91,411)	(81,029)	16,020	(10,382)
Other income (loss), net	(10,746)	540	1,142	(11,286)	(602)
Equity in earnings (losses) from real estate and other affiliates	(67,042)	(7,366)	3,672	(59,676)	(11,038)
Gain (loss) on sale or disposal of real estate and other assets, net	39,168	38,232	—	936	38,232
Selling profit from sales-type leases	—	—	13,537	—	(13,537)
Gain (loss) on extinguishment of debt	(1,926)	(1,521)	—	(405)	(1,521)
Provision for impairment	—	(48,738)	—	48,738	(48,738)
Segment EBT	\$ (45,290)	\$ (86,011)	\$ 34,632	\$ 40,721	\$ (120,643)

For the year ended December 31, 2021:

Operating Assets segment EBT increased \$40.7 million compared to the prior year period primarily due to the following:

- increase in Rental revenue and a decrease in (Provision for) recovery of doubtful accounts primarily as a result of improved collections at our retail properties in 2021 due to continued recovery from the COVID-19 pandemic as well as the receipt of one-time payments related to COVID-19 rent deferrals received throughout the year
- increase in Rental revenue, net of related Operating costs, related to multi-family properties in The Woodlands and Columbia as well as office property in Columbia placed in service since the beginning of 2020
- increase in our Other land, rental and property revenues, net of related Operating Costs, primarily related to the return of the Las Vegas Aviators 2021 baseball season after cancellation in 2020 as a result of the COVID-19 pandemic
- gain on the sale of The Woodlands Resort, The Westin at The Woodlands and Embassy Suites at Hughes Landing in the third quarter of 2021
- decrease in interest expense due to the retirement or refinancing of various loans
- impairment on the Outlet Collection at Riverwalk in the first quarter of 2020 that did not reoccur in 2021

These increases to EBT were partially offset by the following:

- decrease in equity earnings related to 110 North Wacker, which was deconsolidated and recorded as an equity method investment upon completion of construction in the third quarter of 2020. Losses recognized in 2021 were primarily related to the disproportionate impact of interest expense, real estate taxes and depreciation expense during the lease-up period and an impairment on the Company's equity investment recorded in the fourth quarter of 2021. Please refer to Note 2 - *Investments in Real Estate and Other Affiliates* and Note 4 - *Impairment* in the Notes to Consolidated Financial Statements under Item 8 of this Form 10-K for further details.
- gain on the sale of 100 Fellowship Drive in the first quarter of 2020
- increase in Operating expenses primarily due to the steady return of business operations across our portfolio after the onset of the COVID-19 pandemic in 2020

- increase in Other income (loss), net primarily related to a loss on the settlement of the rate-lock agreement upon repayment of \$280.3 million outstanding on our loans for 1201 Lake Robbins and The Woodlands Warehouse in February 2021

For the year ended December 31, 2020:

Operating Assets segment EBT decreased \$120.6 million compared to the prior year period primarily due to the following:

- increase in the Provision for impairment of \$48.7 million for Outlet Collection at Riverwalk, partially offset by an increase in Gain (loss) on sale or disposal of real estate related to the sale of 100 Fellowship Drive in the first quarter of 2020. Please refer to Note 3 - *Acquisitions and Dispositions* and Note 4 - *Impairment* in the Notes to Consolidated Financial Statements under Item 8 of this Form 10-K for further details.
- net decreases in our Other land, rental and property revenues and related Operating expenses primarily due to declines in occupancy at our hospitality properties and cancellation of the Las Vegas Aviators 2020 baseball season, all as a result of the COVID-19 pandemic
- net decreases in Rental revenue and related Operating expenses primarily due to rent deferrals and collection reserves related to our retail properties
- decrease in Selling profit from sales-type leases attributable to the commencement of a lease at our 100 Fellowship Drive property in the third quarter of 2019
- increase in Depreciation and amortization expense, Rental property real estate taxes, Interest expense, net, and Operating expenses, partially offset by Rental revenue related to office and multi-family assets recently acquired or placed in service, but still in the lease-up period

Net Operating Income We believe that NOI is a useful supplemental measure of the performance of our Operating Assets and Seaport segments because it provides a performance measure that, when compared year over year, reflects the revenues and expenses directly associated with owning and operating real estate properties and the impact on operations from trends in rental and occupancy rates and operating costs as variances between years in NOI typically result from changes in rental rates, occupancy, tenant mix and operating expenses. We define NOI as operating revenues (rental income, tenant recoveries and other revenue) less operating expenses (real estate taxes, repairs and maintenance, marketing and other property expenses). NOI excludes straight-line rents and amortization of tenant incentives, net; interest expense, net; ground rent amortization; demolition costs; other income (loss); amortization; depreciation; development-related marketing costs; gain on sale or disposal of real estate and other assets, net; provision for impairment and equity in earnings from real estate and other affiliates. We use NOI to evaluate our operating performance on a property-by-property basis because NOI allows us to evaluate the impact that property-specific factors such as lease structure, lease rates and tenant base have on our operating results, gross margins and investment returns.

Projected annual stabilized NOI is initially projected prior to the development of the asset based on market assumptions and is revised over the life of the asset as market conditions evolve. On a quarterly basis, each asset's annualized NOI is compared to its projected stabilized NOI in conjunction with forecast data to determine if an adjustment is needed. Adjustments to an asset's stabilized NOI are made when changes to the asset's long-term performance are thought to be more than likely and permanent.

Although we believe that NOI provides useful information to investors about the performance of our Operating Assets and Seaport segments, due to the exclusions noted above, NOI should only be used as an additional measure of the financial performance of such assets and not as an alternative to GAAP net income. A reconciliation of Operating Assets segment EBT to Operating Assets NOI is presented in the table below. Refer to the Seaport section for a reconciliation of Seaport segment EBT to Seaport NOI.

Operating Assets NOI				2021-2020	2020-2019
<i>thousands</i>	2021	2020	2019	Change	Change
Total Operating Assets segment EBT	\$ (45,290)	\$ (86,011)	\$ 34,632	\$ 40,721	\$ (120,643)
Add back:					
Depreciation and amortization	163,031	162,324	115,499	707	46,825
Interest (income) expense, net	75,391	91,411	81,029	(16,020)	10,382
Equity in (earnings) losses from real estate and other affiliates	67,042	7,366	(3,672)	59,676	11,038
(Gain) loss on sale or disposal of real estate and other assets, net	(39,168)	(38,232)	—	(936)	(38,232)
(Gain) loss on extinguishment of debt	1,926	1,521	—	405	1,521
Selling profit from sales-type leases	—	—	(13,537)	—	13,537
Provision for impairment	—	48,738	—	(48,738)	48,738
Impact of straight-line rent	(14,715)	(7,630)	(9,007)	(7,085)	1,377
Other	10,449	99	671	10,350	(572)
Operating Assets NOI	\$ 218,666	\$ 179,586	\$ 205,615	\$ 39,080	\$ (26,029)

The below table presents Operating Assets NOI by property type:

Operating Assets NOI by Property Type				2021-2020	2020-2019
<i>thousands</i>	2021	2020	2019	Change	Change
Office	\$ 109,838	\$ 114,303	\$ 83,559	\$ (4,465)	\$ 30,744
Retail	57,571	40,019	62,568	17,552	(22,549)
Multi-family	32,895	18,798	18,062	14,097	736
Other	13,492	2,528	10,274	10,964	(7,746)
Redevelopments and Dispositions	4,870	3,938	31,152	932	(27,214)
Operating Assets NOI	\$ 218,666	\$ 179,586	\$ 205,615	\$ 39,080	\$ (26,029)

For the year ended December 31, 2021:

Operating Assets NOI increased \$39.1 million compared to the prior-year period primarily due to the following:

- increase at our retail properties as collections improve and business rebounds from the COVID-19 pandemic
- increase at our multi-family properties primarily related to the lease-up of Juniper Apartments, Two Lakes Edge and The Lane at Waterway which opened in 2020
- increase at our other properties primarily related to the return of the Las Vegas Aviators 2021 baseball season after cancellation in 2020 as a result of the COVID-19 pandemic
- partially offset by a decrease in revenue on our office properties primarily related to the planned expiration in June 2020 of a short-term lease for approximately 142,000 square feet at The Woodlands Towers at the Waterway, which is being actively marketed

For the year ended December 31, 2020:

Operating Assets NOI decreased \$26.0 million compared to the prior-year period primarily due to the following:

- decreases at our hospitality and other properties primarily due to declines in occupancy at our hospitality properties and cancellation of the Las Vegas Aviators 2020 baseball season, all as a result of the COVID-19 pandemic
- decreases at our retail properties primarily due to rent deferrals and collection reserves
- decrease related to the third quarter 2019 commencement of a lease at our 100 Fellowship Drive property which was sold in the first quarter of 2020
- partially offset by an increase in revenue on our office properties recently acquired or placed in service

The below table presents Operating Assets NOI by property type and property with redevelopments and dispositions presented separately:

Operating Assets NOI by Property Type by Property <i>thousands</i>	2021	2020	2019	2021-2020 Change	2020-2019 Change
Office					
The Woodlands					
One Hughes Landing	\$ 5,526	\$ 5,795	\$ 6,968	\$ (269)	\$ (1,173)
Two Hughes Landing	3,739	4,128	5,573	(389)	(1,445)
Three Hughes Landing	7,894	7,780	5,546	114	2,234
1725 Hughes Landing Boulevard	4,339	6,262	5,665	(1,923)	597
1735 Hughes Landing Boulevard	8,342	8,193	7,887	149	306
2201 Lake Woodlands Drive	459	450	455	9	(5)
Lakefront North	4,245	3,754	(161)	491	3,915
8770 New Trails	3,295	341	—	2,954	341
9303 New Trails	1,474	1,325	941	149	384
3831 Technology Forest Drive	2,504	2,442	2,346	62	96
3 Waterway Square	5,963	5,711	6,466	252	(755)
4 Waterway Square	6,619	6,974	6,768	(355)	206
The Woodlands Towers at The Waterway (a)	17,927	26,901	189	(8,974)	26,712
1400 Woodloch Forest	437	599	1,369	(162)	(770)
Columbia					
10-70 Columbia Corporate Center	12,744	13,282	14,400	(538)	(1,118)
Columbia Office Properties	238	420	1,104	(182)	(684)
One Mall North	1,610	1,811	1,786	(201)	25
One Merriweather	5,244	5,280	3,728	(36)	1,552
Two Merriweather	2,204	1,803	967	401	836
6100 Merriweather	618	(2,563)	(215)	3,181	(2,348)
Summerlin					
Aristocrat	4,334	4,280	4,133	54	147
One Summerlin	6,349	6,243	5,702	106	541
Two Summerlin	3,734	3,092	1,942	642	1,150
Total Office NOI	109,838	114,303	83,559	(4,465)	30,744
Retail					
The Woodlands					
Creekside Park West	\$ 1,143	\$ 441	\$ 2	\$ 702	\$ 439
Creekside Village Green	1,689	1,886	2,051	(197)	(165)
Hughes Landing Retail	3,388	3,635	4,329	(247)	(694)
1701 Lake Robbins	586	508	540	78	(32)
Lake Woodlands Crossing Retail	1,437	1,449	1,297	(12)	152
One Lakes Edge Retail	810	766	1,048	44	(282)
Two Lakes Edge Retail	159	298	—	(139)	298
20/25 Waterway Avenue	1,826	1,317	1,573	509	(256)
Waterway Garage Retail	378	372	573	6	(201)
2000 Woodlands Parkway	246	400	79	(154)	321
Bridgeland					
Lakeland Village Center at Bridgeland	1,138	1,257	1,869	(119)	(612)
Columbia					
Columbia Regional Building	2,226	2,272	2,198	(46)	74
Juniper Retail	(744)	(131)	—	(613)	(131)
Merriweather District Area 3 Standalone Restaurant	(49)	(3)	—	(46)	(3)
Summerlin					
Downtown Summerlin	24,732	15,521	21,585	9,211	(6,064)
Ward Village					
Ward Village Retail	16,608	9,385	19,387	7,223	(10,002)
Other					
Outlet Collection at Riverwalk	1,998	646	6,037	1,352	(5,391)
Total Retail NOI	57,571	40,019	62,568	17,552	(22,549)

Operating Assets NOI by Property Type by Property <i>thousands</i>	2021	2020	2019	2021-2020 Change	2020-2019 Change
Multi-family					
The Woodlands					
Creekside Park Apartments	\$ 2,533	\$ 2,403	\$ 1,654	\$ 130	\$ 749
Creekside Park The Grove	504	—	—	504	—
Millennium Six Pines Apartments	2,810	3,114	4,207	(304)	(1,093)
Millennium Waterway Apartments	2,638	3,245	3,890	(607)	(645)
One Lakes Edge	4,849	4,950	5,762	(101)	(812)
Two Lakes Edge	4,131	(488)	—	4,619	(488)
The Lane at Waterway	1,044	(117)	—	1,161	(117)
Bridgeland					
Lakeside Row	3,113	696	(88)	2,417	784
Columbia					
Juniper Apartments	4,474	307	—	4,167	307
Summerlin					
Constellation Apartments	2,067	1,912	1,980	155	(68)
Tanager Apartments	4,732	2,776	657	1,956	2,119
Total Multi-family NOI	32,895	18,798	18,062	14,097	736
Total Retail, Office and Multi-family NOI	200,304	173,120	164,189	27,184	8,931
Other					
The Woodlands					
The Woodlands Ground Leases	\$ 4,185	\$ 1,868	\$ 1,778	\$ 2,317	\$ 90
The Woodlands Warehouse	1,365	1,052	6	313	1,046
Summerlin					
Las Vegas Ballpark (b)	5,954	(3,577)	8,135	9,531	(11,712)
Ward Village					
Kewalo Basin Harbor	1,658	1,080	612	578	468
Other					
Parking Garages (c)	(1,514)	(1,539)	(1,286)	25	(253)
Other Properties	1,844	3,644	1,029	(1,800)	2,615
Total Other NOI	13,492	2,528	10,274	10,964	(7,746)
Operating Assets NOI excluding properties sold or in redevelopment	\$ 213,796	\$ 175,648	\$ 174,463	\$ 38,148	\$ 1,185
Redevelopments					
Other					
110 North Wacker (d)	\$ —	\$ —	\$ (5)	\$ —	\$ 5
Total Operating Assets Redevelopments NOI	—	—	(5)	—	5
Dispositions					
Other					
Hospitality Properties	\$ 4,970	\$ 2,927	\$ 28,843	\$ 2,043	\$ (25,916)
100 Fellowship Drive	—	1,011	2,214	(1,011)	(1,203)
Elk Grove	(100)	—	100	(100)	(100)
Total Operating Assets Dispositions NOI	4,870	3,938	31,157	932	(27,219)
Total Operating Assets NOI - Consolidated	\$ 218,666	\$ 179,586	\$ 205,615	\$ 39,080	\$ (26,029)

(a) Includes 1201 Lake Robbins and 9950 Woodloch Forest.

(b) Includes the Las Vegas Aviators.

(c) Includes parking garages in The Woodlands, Columbia and Ward Village.

(d) During the third quarter of 2020, 110 North Wacker was completed and placed in service, resulting in the deconsolidation of 110 North Wacker and subsequent treatment as an equity method investment. The Company's share of NOI related to 110 North Wacker is calculated using our stated ownership of 23% and does not include the impact of the partnership distribution waterfall.

Master Planned Communities

Segment EBT The following table presents segment EBT for MPC Assets for the years ended December 31:

thousands except percentages	Consolidated MPC Segment EBT																					Trillium (f)		
	Bridgeland			Columbia			Douglas Ranch			Summerlin			The Woodlands			The Woodlands Hills			Total MPC			2021	2020	2019
	2021	2020	2019	2021	2020	2019	2021	2020	2019	2021	2020	2019	2021	2020	2019	2021	2020	2019	2021	2020	2019	2021	2020	2019
Land sales (a)	\$75,160	\$76,040	\$61,401	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$238,168	\$113,336	\$214,793	\$ 5,933	\$26,290	\$42,846	\$26,956	\$17,378	\$11,106	\$346,217	\$233,044	\$330,146	\$ —	\$ —	\$ —
Builder price participation (b)	2,856	1,841	920	—	—	—	—	—	—	40,171	34,687	34,355	715	362	290	1,396	182	116	45,138	37,072	35,681	—	—	—
Other land revenues	635	96	150	—	—	—	—	—	—	16,743	13,432	12,830	960	309	7,966	53	—	8	18,391	13,837	20,954	—	—	—
Total revenues	78,651	77,977	62,471	—	—	—	—	—	—	295,082	161,455	261,978	7,608	26,961	51,102	28,405	17,560	11,230	409,746	283,953	386,781	—	—	—
Cost of sales - land	20,235	24,790	22,781	—	—	—	—	—	—	120,579	55,100	93,590	2,034	15,011	20,600	10,782	6,604	4,881	153,630	101,505	141,852	—	—	—
Land sales operations	8,402	5,195	7,162	945	1,054	1,281	3	—	—	12,074	9,564	11,422	16,004	9,099	19,266	2,793	2,180	2,489	40,221	27,092	41,620	3	—	—
Provision for doubtful accounts	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total operating expenses	28,637	29,985	29,943	945	1,054	1,281	3	—	—	132,653	64,664	105,012	18,038	24,110	39,866	13,575	8,784	7,370	193,851	128,597	183,472	3	—	—
Operating income	50,014	47,992	32,528	(945)	(1,054)	(1,281)	(3)	—	—	162,429	96,791	156,966	(10,430)	2,851	11,236	14,830	8,776	3,860	215,895	155,356	203,309	—	—	—
Depreciation and amortization	140	133	133	—	—	(20)	—	—	—	105	97	176	114	135	135	7	—	—	366	365	424	3	—	—
Other (income) loss	—	—	(223)	—	—	(311)	—	—	—	—	—	5	—	—	(72)	—	—	—	—	—	(601)	—	—	—
Interest (income) expense, net (c)	(17,879)	(16,578)	(15,639)	—	—	—	—	—	—	(23,943)	(21,838)	(20,736)	721	2,913	5,497	(1,582)	(1,084)	(1,141)	(42,683)	(36,587)	(32,019)	10	—	—
Equity in earnings from real estate and other affiliates (d)	—	—	—	—	—	—	8	—	—	(59,407)	(17,845)	(28,336)	—	—	—	—	—	—	(59,399)	(17,845)	(28,336)	—	—	—
Gain (loss) on extinguishment of debt	566	—	—	—	—	—	—	—	—	—	—	—	438	—	—	—	—	—	1,004	—	—	—	—	—
Segment EBT (e)	\$67,187	\$64,437	\$48,257	\$(945)	\$(1,054)	\$(950)	\$(11)	\$ —	\$ —	\$245,674	\$136,377	\$205,857	\$(11,703)	\$(197)	\$ 5,676	\$16,405	\$ 9,860	\$ 5,001	\$316,607	\$209,423	\$263,841	\$(16)	\$ —	\$ —
(GAAP Basis) Residential Gross Margin %	73.1 %	67.4 %	62.9 %	NM	NM	NM	NM	NM	NM	49.4 %	51.4 %	56.4 %	46.3 %	42.9 %	51.9 %	60.0 %	62.2 %	56.1 %	55.4	56.5 %	57.0 %	NM	NM	NM
(GAAP Basis) Commercial Gross Margin %	71.7 %	67.4 %	74.9 %	NM	NM	NM	NM	NM	NM	47.4 %	NM	NM	79.0 %	NM	NM	NM	NM	NM	63.0 %	67.4 %	74.9 %	NM	NM	NM

- (a) Land sales include deferred revenue from land sales closed in a previous period which met criteria for recognition in the current period.
- (b) Builder price participation revenue is based on an agreed-upon percentage of the sales price of homes closed relative to the base lot price which was paid by the homebuilders to us. This revenue fluctuates based upon the number and the prices of homes closed that qualify for builder price participation payments.
- (c) Interest expense, net reflects the amount of interest that is capitalized at the project level. Negative interest expense amounts relate to interest capitalized relating to debt assigned to our Operating Assets segment and corporate debt.
- (d) Equity in earnings (losses) from real estate and other affiliates for Douglas Ranch reflects our share of earnings in our Trillium joint venture and for Summerlin our share of earnings in The Summit joint venture.
- (e) The negative MPC segment EBT in Columbia in 2021, 2020 and 2019 was due to real estate taxes and administrative expenses. The negative MPC segment EBT in Douglas Ranch in 2021 was due to administrative expenses at Trillium as development of the community begins. Land sales are expected to occur in the first half of 2022.
- (f) This represents 100% of Trillium EBT. The Company owns 50% interest in Trillium. Refer to Note 2 - *Investments in Real Estate and Other Affiliates* in the Notes to Consolidated Financial Statements under Item 8 of this Form 10-K for a description of the joint venture and further discussion.

NM - Not Meaningful

MPC revenues vary between periods based on economic conditions and several factors including location, availability of land for sale, development density and residential or commercial use. Gross margin for each MPC will vary from period to period based on the locations of the land sold and the related costs associated with developing the land sold. Reported results differ significantly from actual cash flows generated principally because cost of sales for GAAP purposes is derived from margins calculated using carrying values, projected future improvements and other capitalized project costs in relation to projected future land sale revenues. Carrying values generally represent acquisition and development costs reduced by any previous impairment charges. Development expenditures are capitalized and generally not reflected in the Statements of Operations in the current period. Accordingly, Cost of sales – land includes both actual and estimated future costs allocated based upon relative sales value to the lots or land parcels in each of the villages and neighborhoods in our MPCs.

For the year ended December 31, 2021:

MPC Segment EBT increased \$107.2 million to \$316.6 million for the year ended December 31, 2021, primarily due to the following results by MPC:

Bridgeland

- Residential land sales revenues remained consistent with 2020, with 158.1 residential acres sold compared to 169.1 acres in 2020. The average price per residential acre increased by \$29,000 to \$468,000 per acre.
- Commercial land sales increased \$7.2 million compared to \$2.2 million in commercial site sales, due to the sale of 41.5 acres more acres in 2021.

Summerlin

- Land sales revenues increased \$124.8 million primarily due to higher superpad sales and custom lot sales. The increase in land sales revenues was partially offset by an increase in associated MPC cost of sales of \$65.5 million.
- Summerlin's residential land sales totaled 322.6 acres compared to 126.9 for the same period in 2020. The average price per acre for superpad sites for the year decreased by \$82,000 to \$656,000 per acre compared to the same period in 2020 due to the mix of lots sold.
- Revenues from custom lot sales increased due to an increase in average price for custom lots, which averaged approximately \$43.88 per square foot in 2021 compared to \$34.50 per square foot in 2020.
- Equity earnings at The Summit increased due to the closing of 46 units in 2021, compared to 29 units in 2020.

The Woodlands

- Land sales revenues decreased \$20.4 million primarily due to a decrease in acres sold due to availability of land as the community reaches completion. The Woodlands sold 3.9 residential acres compared to 24.5 acres in 2020. The average price per residential acre decreased \$455,000 to \$618,000 per acre, primarily due to 2020 land sales occurring in a high-end, exclusive section of The Woodlands community that generated significantly higher value per acre in comparison.

The Woodlands Hills

- Land sales revenues increased \$9.6 million due to an increase in acres sold and price per acre. The Woodlands Hills sold 80.1 residential acres compared to 56.1 acres in 2020. The average price per acre increased \$27,000 to \$337,000 per acre.

For the year ended December 31, 2020:

MPC Segment EBT decreased \$54.4 million to \$209.4 million for the year ended December 31, 2020, primarily due to the following results by MPC:

Bridgeland

- Residential land sales revenues increased \$12.9 million primarily due to an increase in acres sold and price per acre. Bridgeland sold 169.1 residential acres compared to 150.3 acres in 2019. The average price per residential acre increased by \$31,000 to \$439,000 per acre.
- Commercial land sales increased \$2.2 million from the sale of 16.6 acres compared to no commercial site sales in 2019.

Summerlin

- Land sales revenues decreased \$101.5 million primarily due to lower superpad sales and SID bond assumptions, partially offset by an increase in custom lot sales. The decrease in land sales revenues was partially offset by a decrease in associated MPC cost of sales of \$38 million. The decrease in superpad sales in 2020 was primarily due to the acceleration of sales into 2019 as a result of increased demand from homebuilders and homebuyers.
- Revenues from custom lot sales increased due to an increase in quantity of lots sold despite a decrease in average price for custom lots, which averaged approximately \$34.50 per square foot in 2020 compared to \$39.00 per square foot in 2019.
- Summerlin's residential land sales totaled 126.9 acres compared to 319.4 for the same period in 2019. The average price per acre for superpad sites for the year increased by \$90,000 to \$738,000 per acre compared to the same period in 2019 due to the mix of lots sold.
- Equity earnings at The Summit decreased due to an increase in projected amenity costs and the 2020 sales consisting of a greater mix of built units which have a lower margin than custom lot sales.

The Woodlands

- Land sales revenues decreased \$16.6 million primarily due to a decrease in acres sold due to availability of land as the community reaches completion. The Woodlands sold 24.6 residential acres compared to 60.9 acres in 2019. The average price per residential acre increased \$384,000 to \$1.1 million per acre, primarily due to an increase in land sales in a high-end, exclusive section of The Woodlands community that generates significantly higher value per acre in comparison.

The Woodlands Hills

- Land sales revenues increased \$6.3 million due to an increase in acres sold and price per acre. The Woodlands Hills sold 56.1 residential acres compared to 40.2 acres in 2020. The average price per acre increased \$34,000 to \$310,000 per acre.

MPC Equity Investments

The Summit

Land development began at The Summit, our joint venture with Discovery Land, in the second quarter of 2015, and the development continues to progress. The golf course and related amenities were completed and opened to the members of the golf club in October 2017. The Club Tower Suites broke ground in March of 2019, and are completed as 15 of the 16 Suites closed escrow in 2021. Construction of the clubhouse has commenced with an expected delivery in 2023. Lot closings began in the second quarter of 2016, and a total of 202 lots have closed for \$821.6 million through December 31, 2021. For the year ended December 31, 2021, 46 residential units closed for \$244.5 million, compared to 29 residential units closed for \$155.7 million in 2020 and 20 residential units closed for \$76.4 million in 2019 at The Summit, which offers a mix of custom lots, single family homes and clubhouse suites, sold by the joint venture. We recognized equity in earnings of \$59.4 million in 2021, \$17.8 million in 2020 and \$28.3 million in 2019. We received cash distributions of \$114.2 million in 2021, \$6.0 million in 2020 and \$16.1 million in 2019. Refer to Note 2 - *Investments in Real Estate and Other Affiliates* in the Notes to Consolidated Financial Statements under Item 8 of this Form 10-K for a description of the joint venture and further discussion.

Trillium

Land development is currently underway at Trillium, our joint venture with Trillium Development Holding Company, LLC. Land sales are expected to begin in the first half of 2022. Refer to Note 2 - *Investments in Real Estate and Other Affiliates* in the Notes to Consolidated Financial Statements under Item 8 of this Form 10-K for a description of the joint venture and further discussion.

The following tables detail our residential and commercial land sales for the years ended December 31:

thousands except percentages	Summary of Residential MPC Land Sales Closed														
	Land Sales			Acres Sold			Number of Lots/Units			Price Per Acre			Price Per Lot		
	2021	2020	2019	2021	2020	2019	2021	2020	2019	2021	2020	2019	2021	2020	2019
Bridgeland															
Single family	\$ 73,999	\$ 74,180	\$ 61,320	158.1	169.1	150.3	782	856	773	\$ 468	\$ 439	\$ 408	\$ 95	\$ 87	\$ 79
Change	(181)	12,860		(11.0)	18.8		(74)	83		29	31		8	8	
% Change	(0.2)%	21.0%		(6.5)%	12.5%		(8.6)%	10.7%		6.6%	7.6%		9.2%	10.1%	
Summerlin															
Superpad sites	203,855	89,461	204,647	310.9	121.2	315.9	1,286	593	1,862	656	738	648	159	151	110
Custom lots	22,270	8,563	5,952	11.7	5.7	3.5	15	14	8	1,903	1,502	1,701	1,485	612	744
Total	226,125	98,024	210,599	322.6	126.9	319.4	1,301	607	1,870	701	772	659	174	161	113
Change	128,101	(112,575)		195.7	(192.5)		694	(1,263)		(71)	113		13	48	
% Change	130.7%	(53.5)%		154.2%	(60.3)%		114.3%	(67.5)%		(9.2)%	17.1%		8.1%	42.5%	
The Woodlands															
Single family	2,412	26,290	39,246	3.9	24.5	57.0	16	112	240	618	1,073	689	151	235	164
Superpad sites	—	—	3,600	—	—	3.9	—	—	30	—	—	923	—	—	120
Total	2,412	26,290	42,846	3.9	24.5	60.9	16	112	270	618	1,073	704	151	235	159
Change	(23,878)	(16,556)		(20.6)	(36.4)		(96)	(158)		(455)	369		(84)	76	
% Change	(90.8)%	(38.6)%		(84.1)%	(59.8)%		(85.7)%	(58.5)%		(42.4)%	52.4%		(35.7)%	47.8%	
The Woodlands Hills															
Single family	26,956	17,378	11,107	80.1	56.1	40.2	402	280	171	337	310	276	67	62	65
Change	9,578	6,271		24.0	15.9		122	109		27	34		5	(3)	
% Change	55.1%	56.5%		42.8%	39.6%		43.6%	63.7%		8.7%	12.3%		8.1%	(4.6)%	
Total residential land sales closed (a)	\$329,492	\$215,872	\$ 325,872	564.7	376.6	570.8	2,501	1,855	3,084						

(a) Excludes revenues closed and deferred for recognition in a previous period that met criteria for recognition in the current period. Please see the Reconciliation of MPC Land Sales Closed to GAAP Land Sales Revenue table below which reconciles Total residential and commercial land sales closed to Land sales revenue for the years ended December 31, 2021, 2020 and 2019.

thousands except percentages	Summary of Commercial MPC Land Sales Closed									
	Land Sales			Acres Sold			Price Per Acre			
	2021	2020	2019	2021	2020	2019	2021	2020	2019	
Bridgeland										
Commercial	\$ —	\$ —	\$ —	—	—	—	—	\$ —	\$ —	\$ —
Institutional	9,335	2,164	—	58.1	16.6	—	—	161	130	—
Total	9,335	2,164	—	58.1	16.6	—	—	161	130	—
Change	7,171	2,164		41.5	16.6			31	130	
% Change	331.4%	—%		250%	—%			23.8%	—%	
Summerlin										
Commercial	4,250	—	—	6.3	—	—	—	675	—	—
Institutional	—	—	—	—	—	—	—	—	—	—
Total	4,250	—	—	6.3	—	—	—	675	—	—
Change	4,250	—		6.3	—			675	—	
% Change	—%	—%		—%	—%			—%	—%	
The Woodlands										
Commercial	2,694	—	—	1.6	—	—	—	1,684	—	—
Institutional	827	—	—	1.5	—	—	—	551	—	—
Total	3,521	—	—	3.1	—	—	—	1,136	—	—
Change	3,521	—		3.1	—			1,136	—	
% Change	—%	—%		—%	—%			—%	—%	
Total commercial land sales closed (a)	\$17,106	\$2,164	\$ —	67.5	16.6	—	—	—	—	—

(a) Excludes revenues closed and deferred for recognition in a previous period that met criteria for recognition in the current period. Please see the Reconciliation of MPC Land Sales Closed to GAAP Land Sales Revenue table below which reconciles Total residential and commercial land sales closed to Land sales for the years ended December 31, 2021, 2020 and 2019.

Although our business does not involve the sale or resale of homes, we believe that net new home sales are an important indicator of future demand for our superpad sites and finished lots. Therefore, we use this statistic where relevant in our discussion of MPC operating results herein. Net new home sales reflect home sales made by homebuilders, less cancellations. Cancellations generally occur when a homebuyer signs a contract to purchase a home but later fails to qualify for a home mortgage or is unable to provide an adequate down payment to complete the home sale.

<i>thousands except percentages</i>	Net New Home Sales			Median Home Sales Price		
	2021	2020	2019	2021	2020	2019
Bridgeland	713	873	739	\$ 463	\$ 372	\$ 371
Change	(160)	134		91	1	
% Change	(18.3)%	18.1%		24.5%	0.3%	
Summerlin	1,578	1,397	1,292	628	565	578
Change	181	105		63	(13)	
% Change	13.0%	8.1%		11.2%	(2.2)%	
The Woodlands	144	236	319	750	614	525
Change	(92)	(83)		136	89	
% Change	(39.0)%	(26.0)%		22.1%	17.0%	
The Woodlands Hills	326	218	121	368	316	297
Change	108	97		52	19	
% Change	49.5%	80.2%		16.5%	6.4%	

Reconciliation of MPC Land Sales Closed to GAAP Land Sales Revenue The following table reconciles Total residential and commercial land sales closed in the years ended December 31, 2021, 2020 and 2019 to Land sales revenue for the respective periods. Total net recognized (deferred) revenue includes revenues recognized in the current period which are related to sales closed in prior periods, offset by revenues deferred on sales closed in the current period.

<i>thousands</i>	2021	2020	2019
Total residential land sales closed in period	\$ 329,492	\$ 215,872	\$ 325,872
Total commercial land sales closed in period	17,106	2,164	—
Net recognized (deferred) revenue:			
Bridgeland	(8,174)	(305)	81
Summerlin	(1,568)	5,019	(19,290)
Total net recognized (deferred) revenue	(9,742)	4,714	(19,209)
Special Improvement District revenue	9,361	10,294	23,483
Land sales	\$ 346,217	\$ 233,044	\$ 330,146

Population growth, coupled with low mortgage interest rates, have led to continued demand for new homes in the Summerlin and Houston markets. Summerlin was ranked the third highest selling master planned community in the nation and also recognized as the "Best Selling MPC in Las Vegas" by RCLCO for 2021. Bridgeland was ranked the fifteenth highest selling master planned community in the nation and also recognized as the second highest selling master planned community in Texas by RCLCO for 2021. We expect demand to continue as home sales in high quality suburban communities continue to grow in 2022.

MPC Net Contribution In addition to MPC segment EBT, MPC Net Contribution is a non-GAAP financial measure derived from EBT, adjusted for certain items as discussed below. Management uses this measure because it captures current period performance through the velocity of sales, as well as current period development expenditures based upon demand at our MPCs, which varies depending upon the stage of the MPCs development lifecycle, and the overall economic environment. MPC Net Contribution is defined as MPC segment EBT, plus MPC cost of sales, Depreciation and amortization, and net collections from SID bonds and MUD receivables, reduced by MPC development expenditures, land acquisitions and Equity in earnings from real estate and other affiliates, net of distributions. MPC Net Contribution is a non-GAAP operational metric and should not be used to measure operating performance of the MPC assets as a substitute for GAAP measures of such performance nor should it be used as a comparison metric with other comparable businesses. A reconciliation of segment EBT to MPC Net Contribution is presented below.

The following table sets forth the MPC Net Contribution for the years ended December 31:

<i>thousands</i>	2021	2020	2019	2021-2020 Change	2020-2019 Change
MPC segment EBT (a)	\$ 316,607	\$ 209,423	\$ 263,841	\$ 107,184	\$ (54,418)
Plus:					
Cost of sales - land	153,630	101,505	141,852	52,125	(40,347)
Depreciation and amortization	366	365	424	1	(59)
MUD and SID bonds collections, net (b)	46,460	51,247	24,047	(4,787)	27,200
Distributions from real estate and other affiliates	114,172	6,000	16,051	108,172	(10,051)
Less:					
MPC development expenditures	(322,255)	(229,065)	(238,951)	(93,190)	9,886
MPC land acquisitions	(574,253)	—	(752)	(574,253)	752
Equity in (earnings) losses from real estate and other affiliates	(59,399)	(17,845)	(28,336)	(41,554)	10,491
MPC Net Contribution	\$ (324,672)	\$ 121,630	\$ 178,176	\$ (446,302)	\$ (56,546)

(a) For a detailed breakdown of our MPC segment EBT, refer to Note 18 - *Segments* in the Notes to Consolidated Financial Statements under Item 8 of this Form 10-K.

(b) SID collections are shown net of SID transfers to buyers in the respective periods.

MPC Net contribution decreased for the year ended December 31, 2021, primarily due to MPC land acquisitions related to Douglas Ranch. Excluding the acquisition of Douglas Ranch, MPC Net Contribution increased primarily due to the land sales increase explained in the EBT section above, as well as Distributions from real estate and other affiliates, partially offset by lower MUD and SID bond collections, net and higher MPC development expenditures. MPC Net Contribution decreased for the year ended December 31, 2020, primarily due to the land sales changes explained in the EBT section above, partially offset by higher MUD and SID bonds collections, net and lower MPC development expenditures.

The following table sets forth MPC land inventory activity for 2020 and 2021:

<i>thousands</i>	Bridgeland	Columbia	Douglas Ranch	Summerlin	The Woodlands	The Woodlands Hills	Total MPC
Balance December 31, 2019	\$ 487,314	\$ 16,643	\$ —	\$ 845,440	\$ 186,773	\$ 119,504	\$1,655,674
Development expenditures (a)	106,839	—	—	100,177	6,148	15,901	229,065
MPC Cost of sales	(24,790)	—	—	(55,100)	(15,011)	(6,604)	(101,505)
MUD reimbursable costs (b)	(72,539)	—	—	—	(377)	(10,379)	(83,295)
Transfer to Strategic Developments	(1,511)	—	—	—	—	—	(1,511)
Other (c)	(8,446)	(18)	—	(1,563)	(192)	(690)	(10,909)
Balance December 31, 2020	486,867	16,625	—	888,954	177,341	117,732	1,687,519
Acquisitions	—	—	569,541	—	4,712	—	574,253
Development expenditures (a)	142,556	—	—	156,433	5,448	17,818	322,255
MPC Cost of sales	(20,235)	—	—	(120,578)	(2,035)	(10,782)	(153,630)
MUD reimbursable costs (b)	(102,563)	—	—	—	(248)	(9,604)	(112,415)
Transfer to Strategic Developments	(1,617)	—	—	(1,700)	(892)	—	(4,209)
Investment in real estate and other affiliates	—	—	(59,000)	—	—	—	(59,000)
Other (c)	15,145	—	—	8,615	3,092	1,143	27,995
Balance December 31, 2021	\$ 520,153	\$ 16,625	\$ 510,541	\$ 931,724	\$ 187,418	\$ 116,307	\$2,282,768

(a) Development expenditures are inclusive of capitalized interest and property taxes.

(b) MUD reimbursable costs represent land development expenditures transferred to MUD Receivables.

(c) Primarily consists of changes in development expenditures payable.

Seaport

The Seaport is part non-stabilized operating asset, part development project and part operating business. As such, the Seaport has a greater range of possible outcomes than our other projects. The greater uncertainty is largely the result of: (i) seasonality; (ii) potential sponsorship revenue; (iii) potential event revenue; and (iv) business operating risks from various start-up businesses. We operate and own, either directly, through license agreements or in joint ventures, many of the tenants in the Seaport, including retail stores and restaurants such as The Fulton by Jean-Georges, Ssäm Bar (formerly Bar Wayō), Malibu Farm, two concepts by Andrew Carmellini, Mister Dips and Carne Mare, The Greens at Pier 17 and the marketplace operated by Jean-Georges. As a result, the revenues and expenses of these businesses, as well as the underlying market conditions affecting these types of businesses, will directly impact the NOI of the Seaport. This is in contrast to our other retail properties where we primarily receive lease payments and are not as directly impacted by the operating performance of the underlying businesses. This causes the financial results and eventual stabilized yield of the Seaport to be less predictable than our other operating real estate assets with traditional lease structures. Further, as we open new operating businesses, either owned entirely or in partnership with third parties, we expect to incur pre-opening expenses and operating losses until those businesses stabilize, which likely will not happen until the Seaport reaches its critical mass of offerings. As a result of impacts related to COVID-19, there were delays in construction on the Tin Building; however, construction on the core and shell was completed as of the December 31, 2021. The Tin Building is expected to open in the first half of 2022, with an expanded focus on experiences including in-person dining, retail shopping, mobile ordering and delivery. Given the factors and uncertainties listed above combined with the continued impacts related to COVID-19, we do not currently provide guidance on our expected NOI yield and stabilization date for the Seaport. As we move closer to opening a critical mass of offerings at the Seaport, we will re-establish goals for yield on costs and stabilization dates when the uncertainties and range of possible outcomes are clearer.

We primarily categorize the businesses in the Seaport segment into three groups: landlord operations, managed businesses, and events and sponsorships. Landlord operations represent physical real estate we have developed and own, and is inclusive of our office, retail and multi-family properties.

Managed businesses represent retail and food and beverage businesses that HHC owns, either wholly or through partnerships with third parties, and operates, including license and management agreements. Our managed businesses include, among others, The Fulton, Cobble & Co., Mister Dips, Carne Mare, Malibu Farm and Ssäm Bar (formerly Bar Wayō). The Fulton, Cobble & Co. and Malibu Farm are managed by Creative Culinary Management Company, LLC, a Jean-Georges company, and Mister Dips and Carne Mare are managed by Seaport F&B LLC, an Andrew Carmellini company. These third party management companies are responsible for employment and supervision of all employees providing services for the food and beverage operations and restaurant as well as day-to-day operations and accounting for food and beverage operations.

In the summer of 2022, we plan to expand our managed business portfolio with the launch of The Lawn Club, a new concept that will transform 20,000 square feet of the Fulton Market Building into an immersive indoor and outdoor experience that includes an extensive indoor grass area, a stylish clubhouse bar and a wide variety of lawn games. We also expect to launch a new restaurant concept by Josh Eden and Wylie Dufresne at 1 Fulton Street featuring an all-day menu with many specialty to-go items and an expansive outdoor café in the summer of 2022.

Our events and sponsorship businesses include our concert series, an outdoor socially distanced space rental and dining concept at the Pier 17 rooftop called The Greens, event catering, private events and sponsorships. Food and beverage operations associated with The Greens, concert concessions and catering are operated under management agreements with Creative culinary. The Greens concept replaced the cancelled 2020 summer concert series and the Winterland skating and bar and continued through the end of the first quarter of 2021. The Greens concept returned in May 2021 to complement the 2021 summer concert series, which began in July 2021 and ran through mid-October 2021. During the 11-week concert season, Pier 17 hosted over 30 concerts, of which 20 were sold out. In total, approximately 74,000 guests attended the concert series, representing 90% of available ticket inventory. The Greens winter dining cabins returned in November 2021.

Segment EBT The following table presents segment EBT for the Seaport for the years ended December 31:

<i>thousands</i>	2021	2020	2019	2021-2020 Change	2020-2019 Change
Rental Revenue	\$ 7,901	\$ 6,894	\$ 8,582	\$ 1,007	\$ (1,688)
Other land, rental and property revenues	47,107	16,920	47,063	30,187	(30,143)
Total revenues	55,008	23,814	55,645	31,194	(31,831)
Operating costs	(75,721)	(44,515)	(76,527)	(31,206)	32,012
Rental property real estate taxes	(1,322)	(1,452)	(1,366)	130	(86)
(Provision for) recovery of doubtful accounts	(155)	(145)	21	(10)	(166)
Total operating expenses	(77,198)	(46,112)	(77,872)	(31,086)	31,760
Segment operating income (loss)	(22,190)	(22,298)	(22,227)	108	(71)
Depreciation and amortization	(30,867)	(41,602)	(26,381)	10,735	(15,221)
Interest income (expense), net	357	(12,512)	(12,865)	12,869	353
Other income (loss), net	(3,730)	(2,616)	(22)	(1,114)	(2,594)
Equity in earnings (losses) from real estate and other affiliates	(1,988)	(9,292)	(2,592)	7,304	(6,700)
Gain (loss) on sale or disposal of real estate and other assets, net	—	—	(6)	—	6
Gain (loss) on extinguishment of debt	—	(11,648)	4,851	11,648	(16,499)
Segment EBT	\$ (58,418)	\$ (99,968)	\$ (59,242)	\$ 41,550	\$ (40,726)

For the year ended December 31, 2021:

Seaport segment EBT loss decreased \$41.6 million compared to the prior year period primarily due to the following:

- loss on extinguishment of debt and decrease in interest expense due to the early repayment of the \$250 million Seaport loan in August 2020
- charges in the first quarter of 2020 related to write-offs of building improvements recorded within Depreciation and amortization and retail inventory recorded within Other income (loss), net due to the permanent closure of 10 Corso Como Retail and Café that did not reoccur in 2021
- \$6.0 million impairment of the Company's equity investment in Mr. C Seaport in the second quarter of 2020
- increase in segment revenues, offset by an increase in operating expenses, primarily as a result of increased activity in 2021 as business resumed after the onset of the COVID-19 pandemic

For the year ended December 31, 2020:

Seaport segment EBT loss increased \$40.7 million compared to the prior year period primarily due to the following:

- write-offs of retail inventory totaling \$3.1 million recorded within Other income (loss), net and building improvements and other assets totaling \$14.1 million recorded within Depreciation and amortization due to permanent closure of 10 Corso Como Retail and Café during the first quarter of 2020
- \$11.6 million loss on extinguishment of debt upon retirement of the \$250 million Seaport loan in August 2020
- \$6.0 million impairment of the Company's equity investment in Mr. C Seaport. Refer to Note 4 - *Impairment* in the Notes to Consolidated Financial Statements under Item 8 of this Form 10-K for further details.
- decreases in segment revenues were offset by decreases in segment operating expenses primarily as a result of business closures and cancellations of events related to the COVID-19 pandemic
- partially offset by a \$1.6 million increase in Other income (loss), net due to liquidation sales of 10 Corso Como Retail inventory

Net Operating Income A reconciliation of Seaport segment EBT to Seaport NOI is presented below:

Seaport NOI <i>thousands</i>	2021	2020	2019	2021-2020 Change	2020-2019 Change
Total Seaport segment EBT	\$ (58,418)	\$(99,968)	\$(59,242)	\$ 41,550	\$ (40,726)
Add back:					
Depreciation and amortization	30,867	41,602	26,381	(10,735)	15,221
Interest (income) expense, net	(357)	12,512	12,865	(12,869)	(353)
Equity in (earnings) losses from real estate and other affiliates	1,988	9,292	2,592	(7,304)	6,700
(Gain) loss on sale or disposal of real estate and other assets, net	—	—	6	—	(6)
(Gain) loss on extinguishment of debt	—	11,648	(4,851)	(11,648)	16,499
Impact of straight-line rent	1,632	2,801	1,634	(1,169)	1,167
Other (income) loss, net (a)	6,725	5,639	5,595	1,086	44
Seaport NOI	\$ (17,563)	\$(16,474)	\$(15,020)	\$ (1,089)	\$ (1,454)

(a) Includes miscellaneous development-related items as well as the loss related to the write-off of inventory due to the permanent closure of 10 Corso Como Retail and Café in the first quarter of 2020, and income related to inventory liquidation sales in the third quarter of 2020.

Including managed businesses, events, sponsorships, catering and the Tin Building, the Seaport is approximately 60% leased. We may continue to incur operating expenses in excess of rental revenues while the remaining available space is in lease-up. We expect to incur operating losses for our Seaport operations until the economy recovers from the economic impact of the COVID-19 pandemic and the Seaport reaches its critical mass of offerings.

The below table presents Seaport NOI by category:

Seaport NOI by Category <i>thousands</i>	2021	2020	2019	2021-2020 Change	2020-2019 Change
Landlord Operations - Historic District & Pier 17	\$ (15,027)	\$ (8,526)	\$ (8,147)	\$ (6,501)	\$ (379)
Multi-family	(5)	290	394	(295)	(104)
Hospitality	—	(12)	41	12	(53)
Managed Businesses - Historic District & Pier 17	(1,057)	(5,638)	(7,172)	4,581	1,534
Events, Sponsorships & Catering Business	(1,474)	(2,588)	(136)	1,114	(2,452)
Seaport NOI	\$ (17,563)	\$(16,474)	\$(15,020)	\$ (1,089)	\$ (1,454)

Landlord Operations NOI decreased for the year ended December 31, 2021, compared to 2020, primarily due to increased operating expenses as business resumed after the onset of the COVID-19 pandemic, including new tenants and a full year of activations in event space, as well as increased marketing expenses related to a brand overhaul for the Seaport in 2021. As a portion of our leased space is occupied by tenant businesses we own and operate, revenue from these tenants is eliminated in consolidation and operating losses related to Landlord Operations are expected to continue until occupancy stabilizes.

Managed Business and Events, Sponsorships and Catering Business NOI increased for the year ended December 31, 2021, compared to 2020, primarily due to increased revenues, partially offset by increased operating expense related to the reopening of businesses following the COVID-19 pandemic; the launch of new restaurant concepts in 2021 including Mister Dips, Carne Mare and the reopening of the Ssäm Bar; as well as the reintroduction of the Seaport Summer Concert Series.

Seaport NOI decreased for the year ended December 31, 2020, compared to 2019, primarily as a result of business closures and cancellations of events related to the COVID-19 pandemic.

The following describes the status of our major construction projects at the Seaport as of December 31, 2021:

Tin Building In January 2017, we executed a ground lease amendment with the City of New York, incorporating the Tin Building into our leased premises and modifying other related provisions. The project includes construction of a turn-key, interior fit-out for the marketplace space, leased by a joint venture with Jean-Georges Vongerichten, which will feature a variety of fresh specialty foods, seafood, exceptional dining experiences and other products. We have completed the reconstruction of the platform pier where the Tin Building previously stood and restoration of the building is well under way. As a result of impacts related to COVID-19, there were delays in construction on the Tin Building, however construction of the core and shell was completed as of December 31, 2021, and it is expected to open in the first half of 2022, with an expanded focus on in-person dining, retail shopping, mobile ordering and delivery.

250 Water Street We acquired 250 Water Street in the second quarter of 2018. This one-acre site, currently used as a parking lot, is at the entrance of the Seaport and encompasses a full city block bounded by Peck Slip, Pearl Street, Water Street and Beekman Street. In October 2020, we announced our comprehensive proposal for the redevelopment of 250 Water Street, which includes the transformation of this underutilized full-block surface parking lot into a mixed-use development that would include affordable and market rate apartments, community-oriented spaces and office space. This project, which includes approximately 547,000 zoning square feet, presents a unique opportunity at the Seaport to redevelop this site into a vibrant mixed-use asset, provide long-term viability to the South Street Seaport Museum and deliver much-needed affordable housing and economic stimulus to the area. In May 2021, we received approval from the New York City Landmarks Preservation Commission (LPC) on our proposed design for the 250 Water Street and in September 2021, the New York State Supreme Court dismissed on procedural grounds a lawsuit challenging the LPC approval. We received final approvals in December 2021 through the New York City Uniform Land Use Review Procedure known as ULURP, which will allow the necessary transfer of development rights to the parking lot site. Also in December 2021, an amendment to the Seaport ground lease was executed giving the Company extension options, at the discretion of the Company, for an additional 48 years from its current expiration in 2072 until 2120. We expect to begin comprehensive remediation of the site through the New York State Brownfield Cleanup program and break ground on the development in 2022. In February 2022, an additional lawsuit was filed challenging the land use approvals previously granted to the Company under the ULURP for the redevelopment and construction of 250 Water Street. The Company intends to vigorously contest the matter as it believes that these claims are without merit.

Strategic Developments

Our Strategic Developments assets generally require substantial future development to maximize their value. Other than our condominium properties, most of the properties and projects in this segment do not generate revenues. Our expenses relating to these assets are primarily related to costs associated with constructing the assets, selling condominiums, marketing costs associated with our Strategic Developments, carrying costs including, but not limited to, property taxes and insurance and other ongoing costs relating to maintaining the assets in their current condition. If we decide to redevelop or develop a Strategic Developments asset, we would expect that with the exception of the residential portion of our condominium projects, upon completion of development, the asset would likely be reclassified to Operating Assets when the asset is placed in service and NOI would become a meaningful measure of its operating performance. All development costs discussed herein are exclusive of land costs.

Segment EBT The following table presents segment EBT for Strategic Developments for the years ended December 31:

Strategic Developments Segment EBT				2021-2020	2020-2019
<i>thousands</i>	2021	2020	2019	Change	Change
Rental Revenue	\$ 319	\$ 446	\$ 832	\$ (127)	\$ (386)
Condominium rights and unit sales	514,597	1,143	448,940	513,454	(447,797)
Other land, rental and property revenues	5,193	17,818	8,176	(12,625)	9,642
Total revenues	520,109	19,407	457,948	500,702	(438,541)
Condominium rights and unit cost of sales	(414,199)	(108,229)	(369,759)	(305,970)	261,530
Operating costs	(19,063)	(21,307)	(19,172)	2,244	(2,135)
Real estate taxes	(3,415)	(5,624)	(2,932)	2,209	(2,692)
(Provision for) recovery of doubtful accounts	(21)	—	15	(21)	(15)
Total operating expenses	(436,698)	(135,160)	(391,848)	(301,538)	256,688
Segment operating income (loss)	83,411	(115,753)	66,100	199,164	(181,853)
Depreciation and amortization	(6,512)	(6,545)	(5,473)	33	(1,072)
Interest income (expense), net	3,701	6,312	11,321	(2,611)	(5,009)
Other income (loss), net	2,536	2,165	831	371	1,334
Equity in earnings (losses) from real estate and other affiliates	(221)	269,912	1,213	(270,133)	268,699
Gain (loss) on sale or disposal of real estate and other assets, net	13,911	21,710	27,119	(7,799)	(5,409)
Provision for impairment	(13,068)	—	—	(13,068)	—
Segment EBT	\$ 83,758	\$ 177,801	\$ 101,111	\$ (94,043)	\$ 76,690

For the year ended December 31, 2021:

Strategic segment EBT decreased \$94.0 million compared to the prior year period primarily due to the following:

- decrease in Equity in earnings (losses) from real estate and other affiliates primarily due to a \$267.5 million gain on deconsolidation of 110 North Wacker attributable to the initial fair value step-up of the retained equity method investment at the time of deconsolidation in the third quarter of 2020. Please refer to Note 2 - *Investments in Real Estate and Other Affiliates* in the Notes to Consolidated Financial Statements under Item 8 of this Form 10-K for further details.
- decrease in Other land, rental and property revenues primarily due to the recognition of \$15.4 million of previously eliminated 110 North Wacker development fees upon deconsolidation in the third quarter of 2020
- increase in Provision of impairment of \$13.1 million due to an impairment of Century Park in the second quarter of 2021. Century Park was subsequently sold in the fourth quarter of 2021. Refer to Note 3 - *Acquisitions and Dispositions* and Note 4 - *Impairment* in the Notes to Consolidated Financial Statements under Item 8 of this Form 10-K for additional information.
- decrease in Gain (loss) on sale or disposal of real estate and other assets, net of \$7.8 million driven by 2021 activity that included a loss of \$7.4 million related to the sale of Century Park and a gain of \$21.3 million related to the sale of Monarch City, compared to 2020 activity that included a gain of \$13.7 million related to the sale of Elk Grove and the receipt of an \$8.0 million termination payment related to the 2019 sale of West Windsor.

These decreases in EBT were partially offset by the following:

- increase in net condominium sales (condominium unit sales net of condominium cost of sales) of \$121.4 million driven by the timing of condominium closings. The Company closed on 670 units during the year ended December 31, 2021, including 663 units at 'A'ali'i which completed construction during the fourth quarter of 2021, 5 units at Waiea and the final 2 units at Anaha, compared to zero condominium units closed during the year ended December 31, 2020, due to significantly lower available inventory as no new condominium towers were scheduled for completion in 2020.
- decrease in Condominium right and unit cost of sales primarily driven by charges related to our expected funding of costs to correct alleged construction defects as Waiea. An additional \$21.0 million was charged during the year ended December 31, 2021, related to additional anticipated costs, compared to charges of \$99.2 million during the year ended December 31, 2020. Refer to Note 10 - *Commitments and Contingencies* in the Notes to Consolidated Financial Statements under Item 8 of this Form 10-K for additional information.

For the year ended December 31, 2020:

Strategic District segment EBT increased \$76.7 million compared to the prior year period primarily due to the following:

- increase in Equity in earnings (losses) from real estate and other affiliates of \$267.5 million due to a gain on deconsolidation of 110 North Wacker attributable to the initial fair value step-up of the retained equity method investment at the time of deconsolidation in the third quarter of 2020.
- increase in Other land, rental and property revenues primarily due to the recognition of \$15.4 million of previously eliminated 110 North Wacker development fees upon deconsolidation in the third quarter of 2020.

These increases were partially offset by the following:

- increase in Condominium rights and unit cost of sales primarily driven by a \$99.2 million charge in the first quarter of 2020, related to our expected funding of costs to correct alleged construction defects at Waiea.
- decrease in net condominium sales of \$78.4 million driven by the timing of condominium closings. The Company closed on 596 units in 2019, primarily at Ke Kilohana and Ae'o, with zero closings and no new condominium towers scheduled for completion in 2020.
- increase in Condominium rights and unit cost of sales of \$7.6 million driven by a reduction in the estimated net sales price of certain condominium units, including the remaining penthouse inventory, to better align the expected price with recently contracted final sales prices
- decrease in Gain (loss) on sale or disposal of real estate and other assets, net of \$5.4 million as a result of 2020 activity that included the sale of Elk Grove and the receipt of a termination payment related to the 2019 sale of West Windsor, compared to 2019 activity related to the sales of Cottonwood Mall, West Windsor and Bridges at Mint Hill.

Strategic Developments Projects The following describes the status of our major construction projects and announced Strategic Developments projects as of December 31, 2021. For information on the construction financings on our projects, please refer to Note 7 - *Mortgages, Notes and Loans Payable, Net* in the Notes to Consolidated Financial Statements under Item 8 of this Form 10-K for additional information.

Downtown Columbia Redevelopment District

We continued to execute on our redevelopment strategy in the Downtown Columbia Redevelopment District during 2021. The Master Plan and zoning for Downtown Columbia, as amended in 2017, allows for a total of approximately 14,000,000 square feet for all of Downtown Columbia and has densities for the future development of up to 6,200 residential units, 4,300,000 square feet of commercial office space, 1,300,000 square feet of retail space and 640 hotel rooms. The majority of the properties will be developed on raw land, surface parking lots and other assets controlled by us. Based on the Development Rights and Responsibilities Agreement, signed in 2018 with the County, the existing Master Plan, zoning and project approval process cannot be amended for a period of 30 years. Additionally, pursuant to a 2010 development agreement, we have a preferred residential and office development covenant that provides us the right of first offer for new development densities of both residential and office space within the Columbia Mall Ring Road. This covenant expires in 2030.

We are currently focusing on the redevelopment of the Merriweather and Lakefront Districts. At the Merriweather District, we began construction on Marlow, a 472-unit multi-family property, in the first quarter of 2021. At the Lakefront District, we received final approvals in 2019 for approximately 2,000,000 square feet of net new mixed-use development which will include office, retail and residential assets. We expect to begin construction on South Lake Medical Office Building, an 86,000 square foot office property, in the first quarter of 2022. This future development district also includes four acres of land related to Ridgley Building, Sterret Place and American City Building, all of which have been demolished.

Marlow Marlow will be a 472-unit multi-family property comprised of studio, one, two and three-bedroom units and approximately 32,000 square feet of new street level retail space. Total development costs are expected to be approximately \$130.5 million, which will be partially financed with a \$82.6 million construction loan that closed in April 2021. We began construction in the first quarter of 2021 and anticipate project completion in the first quarter of 2023. We expect to reach projected annual stabilized NOI of \$9.3 million by 2026.

Bridgeland

Starling at Bridgeland Starling at Bridgeland is the second phase of multi-family development in Bridgeland. The project will be 358-unit, luxury development, situated on approximately 15.2 acres and will be comprised of one, two and three-bedroom units. Total development costs are expected to be approximately \$60.6 million which will be partially financed with a \$42.7 million construction loan that closed in April 2021. We began construction in the fourth quarter of 2020 and anticipate project completion in the second quarter of 2022. We expect to reach projected annual stabilized NOI of \$4.4 million by 2025.

Summerlin

1700 Pavilion 1700 Pavilion will be a 267,000 square foot office property. Total development costs are expected to be approximately \$121.5 million which will be partially financed with a \$75.0 million construction loan that closed in September 2021. We began construction in the second quarter of 2021 and anticipate project completion in the fourth quarter of 2022. We expect to reach projected annual stabilized NOI of \$8.4 million by 2025.

Tanager Echo Tanager Echo will be a 294 unit multi-family property located in Downtown Summerlin, comprised of studio, one and two-bedroom units. Total development costs are expected to be approximately \$86.2 million which will be partially financed with a \$59.5 million construction loan that closed in September 2021. We began construction in the second quarter of 2021 and anticipate project completion in the first quarter of 2023. We expect to reach annual stabilized NOI of \$5.9 million by 2026.

The Woodlands

Memorial Hermann Health System Build-to-Suit This will be a 20,000 square foot medical office property. Total development costs are expected to be approximately \$6.0 million which will be partially financed by a construction loan expected to close in the first quarter of 2022. We began construction in the fourth quarter of 2021 and anticipate project completion in the first quarter of 2023. We expect to reach annual stabilized NOI of \$0.6 million by 2023.

Ward Village

We continue to transform Ward Village into a vibrant neighborhood offering unique retail experiences, dining and entertainment, along with exceptional residences and workforce housing set among open public spaces and pedestrian-friendly streets. We believe we have found the optimal mix of price point and product in the Honolulu market for condominium development as evidenced by the demand for our condominium projects discussed below. The ongoing and completed construction at our mixed-use condominium projects includes 171,307 square feet of retail to serve our new residents and the community at large. In addition, during the last half of 2017, we removed 226,466 square feet of dated retail space from service to prepare it for redevelopment. Many of the tenants occupying these locations were relocated within Ward Village. As we progress the buildout of the master plan, which ultimately contemplates a total of approximately 1,000,000 million square feet of commercial space at completion, we will periodically redevelop, reposition, or replace the existing retail spaces as part of new mixed-use projects.

In 2021, Ward Village achieved the highest sales volume in the community's history. We broke ground at Victoria Place, launched sales at the Park Ward Village and completed construction and began welcoming residents at 'A'ali'i.

Condominium revenue is recognized when construction of the condominium tower is complete and unit sales close, leading to variability in revenue recognized between periods. We closed on 670 condominium units during the year ended December 31, 2021, primarily as a result of the completion and opening of 'A'ali'i, compared to zero condominium units for the year ended December 31, 2020, due to significantly lower available inventory in completed towers during 2020.

Sales contracts for condominium units are subject to a 30-day rescission period, and the buyers are typically required to make an initial deposit at signing and an additional deposit 30 days later at which point their total deposit becomes non-refundable. Buyers are typically then required to make a final deposit within approximately 90 days of our receipt of their second deposit. Certain buyers are required to deposit the remainder of the sales price on a predetermined pre-closing date, which is specified in the sales contracts for each condominium project. Contracted amounts disclosed below represent sales that are past the 30-day rescission period.

Completed Condominiums As of December 31, 2021, our five completed towers are 96.2% sold with only 2 units remaining to be sold at Waiea and 78 units remaining to be sold at 'A'ali'i. Ae'o, Ke Kilohana and Anaha are completely sold.

Under Construction Condominiums As of December 31, 2021, 93.1% of the units at our two under construction towers, Kō'ula and Victoria Place, are under contract. We launched public sales of our sixth condominium project, Kō'ula, in January 2019 and broke ground in July 2019. Kō'ula will be a 41-story, 565-unit, mixed-use condominium project located on Auahi Street that consists of studio, one, two and three-bedroom residences. We expect to complete construction of Kō'ula in the third quarter of 2022 and anticipate closing on the sale of the 505 units under contract as of December 31, 2021 at that time. We launched public sales of our seventh condominium project, Victoria Place, in December 2019 and broke ground in February 2021. Victoria Place will be a 40-story, 349-unit condominium project located between Auahi Street and Ala Moana Boulevard that consists of one, two and three-bedroom residences. As of December 31, 2021, Victoria Place is 99.1% presold, with only 3 units remaining to be sold.

Predevelopment Condominiums We launched public sales of our eighth condominium project in July 2021. The Park Ward Village will be a 41-story, 545-unit condominium project located at Ward Avenue and Auahi Street, adjacent to Victoria Ward Park. The project consists of studio, one, two and three-bedroom residences with units ranging from approximately 400 square feet to 1,500 square feet. As of December 31, 2021, we have entered into contracts for 459 of the 545 units, representing 84.2% of total units. This strong sales activity continued after year end, and as of February 24, 2022, we have entered into contracts for 480 units, representing 88.1% of total units. The Park Ward Village is now Ward Village's fastest-selling tower since inception, surpassing Victoria Place which held the previous record.

In 2021, HHC announced plans for our ninth condominium project, Ulana Ward Village. This mixed-use residence will be adjacent to the new Ka La'i o Kukuluaē'o public park and will consist of 696 studio, one-, two- and three-bedroom units. All units are designated as workforce housing units and are being offered to local residents who meet certain maximum income and net worth requirements. In March 2022, the Company will advance the lottery for local residents and expects to have the first contracted sales in the second quarter of 2022.

The following provides further details for Ward Village as of December 31, 2021:

		Units Closed	Units Under Contract	Total Units	Total % of Units Closed or Under Contract	Total % of Residential Square Feet Closed or Under Contract	Completion Date
Completed							
Waiea	(a)	175	—	177	98.9 %	99.0 %	Q4 2016
Anaha	(a)	317	—	317	100.0 %	100.0 %	Q4 2017
Ae'ō	(b)	465	—	465	100.0 %	100.0 %	Q4 2018
Ke Kilohana	(a)	423	—	423	100.0 %	100.0 %	Q2 2019
'A'ali'i	(c)	663	9	750	89.6 %	85.5 %	Q4 2021
Under Construction							
Kō'ula	(d)	—	505	565	89.4 %	91.3 %	Q3 2022
Victoria Place		—	346	349	99.1 %	99.3 %	2024
Predevelopment							
The Park Ward Village	(e)	—	459	545	84.2 %	85.3 %	2025

- (a) The retail portions of these projects are 100% leased and have been placed in service.
- (b) The retail portion of the project, which is primarily comprised of the 57,000-square-foot flagship Whole Foods Market, is 100% leased and has been placed into service.
- (c) There will be approximately 12,000 square feet of new street level retail space as part of this project. Landlord work is still ongoing as of December 31, 2021, and the retail space is expected to be placed in service in early 2022.
- (d) There will be approximately 37,000 square feet of retail space as part of this project.
- (e) There will be approximately 37,236 square feet of retail space as part of this project.

Corporate Income, Expenses and Other Items

The following table contains certain corporate related and other items not related to segment activities and that are not otherwise included within the segment analyses. Variances related to income and expenses included in NOI or EBT are explained within the previous segment discussions. Significant variances for consolidated items not included in NOI or EBT are described below for the years ended December 31.

<i>thousands</i>	2021	2020	2019	2021-2020 Change	2020-2019 Change
Corporate income	\$ 340	\$ 258	\$ 34	\$ 82	\$ 224
General and administrative	(81,990)	(109,402)	(162,506)	27,412	53,104
Corporate interest expense, net	(101,279)	(68,865)	(45,023)	(32,414)	(23,842)
Gain (loss) on extinguishment of debt	(35,084)	—	(210)	(35,084)	210
Corporate other income (loss), net	425	41	7,597	384	(7,556)
Corporate gain (loss) on sale or disposal of real estate and other assets, net	—	—	(4,751)	—	4,751
Corporate depreciation and amortization	(4,324)	(6,631)	(8,021)	2,307	1,390
Demolition costs	(355)	—	(855)	(355)	855
Development-related marketing costs	(10,313)	(8,166)	(23,067)	(2,147)	14,901
Income tax (expense) benefit	(15,153)	(11,653)	(29,245)	(3,500)	17,592
Total Corporate income, expenses and other items	\$ (247,733)	\$ (204,418)	\$ (266,047)	\$ (43,315)	\$ 61,629

For the year ended December 31, 2021:

Corporate income, expenses and other items was unfavorably impacted compared to the prior year period by the following:

- increase in loss on extinguishment of debt of \$35.1 million due to the repurchase of the Company's \$1.0 billion 5.375% Senior Notes due 2025
- increase in corporate interest expense, net primarily due to the issuance of \$750 million 5.375% Senior Notes in August 2020, as well as the issuance of \$650 million 4.125% Senior Notes and \$650 million 4.375% Senior Notes in the first quarter of 2021, partially offset by the repurchase of the \$1.0 billion 5.375% Senior Notes in the first quarter of 2021
- increase in income tax expense primarily due to an increase in income before income taxes, partially offset by the impact of the release of a valuation allowance on the Company's capital loss carryover in 2021. Refer to Note 12 - *Income Taxes* for additional information.

Corporate income, expenses and other items was favorably impacted compared to the prior year period by the following:

- decrease in general and administrative expenses primarily related to workforce reductions and other corporate initiatives, that have been completed in accordance with a corporate restructuring initiative that began in 2019 as part of an overall plan to reduce recurring overhead costs, and a decrease in consulting expenses as a result of fewer IT projects taking place in 2021

For the year ended December 31, 2020:

Corporate income, expenses and other items was favorably impacted compared to the prior year period by the following:

- decrease in General and administrative expenses primarily related to the reduction of labor costs due to workforce reductions that have been completed in accordance with a corporate restructuring initiative that began in 2019 as part of an overall plan to reduce recurring overhead costs, and lower travel and entertainment costs, which are attributable to COVID-19 travel restrictions
- decrease in income tax expense primarily due to a decrease in income before income taxes
- decrease in Development-related marketing costs primarily related to a reduction in the number of projects under development

Corporate income, expenses and other items was unfavorably impacted compared to the prior year period by the following:

- increase in corporate interest expense, net primarily due to the \$750 million issuance of senior notes in August 2020, as well as a decrease in interest income due to lower interest rates
- decrease in corporate other income (loss), net due to the receipt of Superstorm Sandy insurance proceeds in the second quarter of 2019, which did not recur in 2020

Income Taxes

<i>thousands except percentages</i>	2021	2020	2019
Income tax expense (benefit)	\$ 15,153	\$ 11,653	\$ 29,245
Income (loss) before income taxes	\$ 64,077	\$ 8,480	\$ 103,540
Effective tax rate	23.6 %	137.4 %	28.2 %

The Company's effective tax rate is typically impacted by non-deductible executive compensation and other permanent differences as well as state income taxes, which cause the Company's effective tax rate to deviate from the federal statutory rate.

The Company's effective tax rate for the year ended December 31, 2021, was 23.6% compared to 137.4% for the year ended December 31, 2020. The decrease was primarily due to the following:

- a release of a valuation allowance of \$4.7 million on the Company's capital loss carryover in 2021 that was established in 2020 related to a capital loss generated by the sale of the Company's 50% equity method investment in Circle T Ranch and Power Center in 2020 (refer to Note 3 - *Acquisitions and Dispositions* in the Notes to Consolidated Financial Statements under Item 8 of this Form 10-K for additional details)
- a valuation allowance of \$1.8 million on our charitable contribution carryover in 2020
- a tax expense of \$1.7 million related to the recapture of federal and state historic preservation credits due to the sale of our interest in Mr. C Seaport in 2020 (refer to Note 3 - *Acquisitions and Dispositions* in the Notes to Consolidated Financial Statements under Item 8 of this Form 10-K for additional details)
- offset by a \$4.8 million tax benefit related to the noncontrolling interest share of the gain on the deconsolidation of 110 North Wacker in 2020 (refer to Note 2 - *Investments in Real Estate and Other Affiliates* in the Notes to Consolidated Financial Statements under Item 8 of this Form 10-K for additional details)

The Company's effective tax rate for the year ended December 31, 2020, was 137.4% compared to 28.2% for the year ended December 31, 2019. The increase was primarily due to the following:

- a valuation allowance of \$4.7 million on a capital loss generated by the sale of the Company's 50% equity method investment in Circle T Ranch and Power Center in 2020
- a valuation allowance of \$1.8 million on our charitable contribution carryover in 2020
- a tax expense of \$1.7 million related to the recapture of federal and state historic preservation credits due to the sale of our interest in Mr. C Seaport in 2020
- offset by a \$4.8 million tax benefit related to the noncontrolling interest share of the gain on the deconsolidation of 110 North Wacker in 2020

For additional information on income taxes, see Note 12 - *Income Taxes* in the Notes to Consolidated Financial Statements under Item 8 of this Form 10-K.

Capitalized Internal Costs The following table presents our capitalized internal costs by segment for the years ended December 31:

<i>thousands</i>	Capitalized Internal Costs			Capitalized Internal Costs Related to Compensation Costs		
	2021	2020	2019	2021	2020	2019
Operating Assets segment	\$ 1,462	\$ 37	\$ 247	\$ 1,204	\$ 35	\$ 221
MPC segment	9,694	7,658	9,440	7,462	6,936	7,078
Seaport segment	7,755	3,470	2,794	5,549	3,258	2,494
Strategic Developments segment	19,111	13,788	24,110	15,093	12,942	21,527
Total	\$ 38,022	\$ 24,953	\$ 36,591	\$ 29,308	\$ 23,171	\$ 31,320

Capitalized internal costs (which include compensation costs) increased for the year ended December 31, 2021, compared to 2020, primarily related to the timing of construction projects in the Strategic Developments, MPC and Seaport segments, as more development projects were approved and staffing was reallocated to support the development activity. As projects continue to begin construction, internal costs will continue to be capitalized within these segments.

Capitalized internal costs (which include compensation costs) decreased for the year ended December 31, 2020, compared to 2019, primarily related to workforce reductions in the Strategic Developments segment. The capitalized internal costs for the Seaport segment increased due to tenant buildouts and escalated work on the Tin Building. In the MPC segment, capitalized internal costs decreased in 2020 due to fluctuations in the level of development activity at our newer MPCs.

LIQUIDITY AND CAPITAL RESOURCES

Throughout the pandemic we have focused on measures to increase our liquidity. As a result, we have been able to maintain a strong balance sheet and ensure we maintain the financial flexibility and liquidity necessary to fund future growth. We continued to enhance our liquidity profile in 2021 through \$2.1 billion of permanent financings, replacing \$2.1 billion of existing debt, and closed on \$628 million of construction financings to support development spending at our latest projects actively under construction. These financings extended the term of our maturities and took advantage of a historically low interest rate environment. Refer to Note 7 - *Mortgages, Notes and Loans Payable, Net* in the Notes to Consolidated Financial Statements under Item 8 of this Form 10-K for additional information. The strength of HHC's balance sheet has allowed us to deploy significant amounts of capital in 2021 including our acquisition of Douglas Ranch, share buybacks, and the ability to continue unlocking value through the development of new projects across the portfolio.

During 2021, we continued to pursue the sale of our remaining non-core assets with the goal of generating an estimated \$600.0 million of net proceeds after debt repayment. We closed on the sale of Monarch City during the second quarter of 2021 for net proceeds of \$50.9 million, the sale of our hospitality properties in The Woodlands during the third quarter of 2021 for net proceeds after debt repayment of \$119.7 million and the sale of Century Park during the fourth quarter of 2021 for net proceeds of \$25.0 million. Since the fourth quarter of 2019, we have completed the sales of 13 non-core assets generating approximately \$401.0 million of net proceeds after debt repayment.

In October 2021, the board of directors of The Howard Hughes Corporation, authorized a share repurchase program, pursuant to which the Company may, from time to time, purchase up to \$250.0 million of its common stock through open market transactions. The date and time of such repurchases will depend upon market conditions and the program may be suspended or discontinued at any time. The new program replaces the Company's prior share repurchase program adopted in October 2019. Under the new program, during the fourth quarter of 2021, the Company repurchased 1,023,284 shares of its common stock, par value \$0.01 per share for \$96.6 million, or approximately \$94.42 per share. During the first quarter of 2022, the Company repurchased an additional 1,579,646 shares of its common stock, for \$153.4 million, or approximately \$97.10 per share, thereby completing all authorized purchases under the plan. All purchases were funded with cash on hand.

Cash Flows

<i>thousands</i>	Year Ended December 31,		
	2021	2020	2019
Cash provided by (used in) operating activities	\$ (283,958)	\$ (72,870)	\$ 207,732
Cash provided by (used in) investing activities	101,458	(428,546)	(1,232,897)
Cash provided by (used in) financing activities	156,140	1,124,278	921,085

Operating Activities Each segment's relative contribution to our cash flows from operating activities will likely vary significantly from year to year given the changing nature of our development focus. Other than our condominium properties, most of the properties and projects in our Strategic Developments segment do not generate revenues and the cash flows and earnings may vary. Operating cash continued to be utilized in 2021 to fund ongoing development expenditures in our Strategic Developments, Seaport and MPC segments, consistent with prior years.

The cash flows and earnings from the MPC business may fluctuate more than from our operating assets because the MPC business generates revenues from land sales rather than recurring contractual revenues from operating leases. MPC land sales are a substantial portion of our cash flows from operating activities and are partially offset by development costs associated with the land sales business and acquisitions of land that is intended to ultimately be developed and sold.

Net cash used in operating activities increased \$211.1 million in 2021, compared to 2020, primarily due to an increase in MPC land acquisitions primarily related to Douglas Ranch and Trillium, an increase in Condominium development expenditures and an increase in MPC development expenditures. These increases in cash used were partially offset by an increase in cash provided from condominium rights and units sales as a result of closings at 'A'ali'i and an increase in MPC land sales.

Net cash provided by operating activities decreased \$280.6 million in 2020, compared to 2019, primarily due to a decrease in condominium rights and units sales due to timing of closings, which was partially offset by proceeds from the sale of lease receivable and condominium deposits received.

Investing Activities For the year ended December 31, 2021, cash provided by investing activities of \$101.5 million was primarily related to proceeds from sales of our hospitality properties in the Woodlands, Monarch City and Century Park of \$322.5 million and distributions from real estate and affiliates of \$92.1 million, primarily related to The Summit. These cash inflows were offset by property development expenditures primarily related to ongoing development at The Seaport, 1700 Pavilion, Marlow and Tanager Echo.

For the year ended December 31, 2020, cash used in investing activities of \$428.5 million was primarily related to property development expenditures related to ongoing development activity at 110 North Wacker, the Seaport and 6100 Merriweather.

Financing Activities For the year ended December 31, 2021, net proceeds from new loan borrowings and refinancing activities exceeded principal payments on our debt by \$282.5 million and were used to partially fund development activity at our development projects, to increase liquidity and for the acquisition of assets. Under the new share repurchase program, during the fourth quarter of 2021, the Company repurchased 1,023,284 shares of its common stock, par value \$0.01 per share, for \$96.6 million, or approximately \$94.42 per share. Due to the timing of share repurchase payments, \$15.5 million was recorded in Accounts payable and accrued expenses in the Consolidated Balance Sheet as of December 31, 2021. During the first quarter of 2022, the Company repurchased an additional 1,579,646 shares of its common stock, for \$153.4 million, or approximately \$97.10 per share, thereby completing all authorized purchases under the plan. All purchases were funded with cash on hand.

For the year ended December 31, 2020, net proceeds from new loan borrowings and refinancing activities exceeded principal payments on our debt by \$536.0 million and were used to partially fund development activity at our development projects, to increase liquidity and for the acquisition of assets. Cash provided by financing activities also included \$593.6 million proceeds from the issuance of common stock.

Short- and Long-Term Liquidity

Short-Term Liquidity In the next twelve months, we expect our primary sources of cash to include cash flow from condominium closings, MPC land sales, cash generated from our Operating assets, first mortgage financings secured by our assets and deposits from condominium sales (which are restricted to funding construction of the related developments). The sale of our non-core assets may also provide additional cash proceeds to our operating or investing activities. We expect our primary uses of cash to include condominium pre-development and development costs, debt principal payments and debt service costs, MPC land development costs and other capital expenditures. We believe that our sources of cash, including existing cash on hand, will provide sufficient liquidity to meet our existing obligations and anticipated ordinary course operating expenses for at least the next 12 months.

Long-Term Liquidity The development and redevelopment opportunities in Strategic Developments, Seaport and Operating Assets are capital intensive and will require significant additional funding, if and when pursued. Any additional funding would be raised with a mix of construction, bridge and long-term financings, by entering into joint venture arrangements, through the sale of non-core assets at the appropriate time, and lastly future equity raises.

We cannot provide assurance that financing arrangements for our properties will be on favorable terms or occur at all, which could have a negative impact on our liquidity and capital resources. In addition, we typically must provide completion guarantees to lenders in connection with their providing financing for our projects. We also provided completion guarantees to the City of New York for the redevelopment of the Tin Building, as well as the Hawai'i Community Development Authority for reserve condominium units at Ward Village.

Summary of Remaining Development Costs The following table summarizes remaining development costs related to projects under construction and related debt held in Operating Assets, Seaport and Strategic Developments segments as of December 31, 2021. Total cost remaining to be paid net of debt and buyer deposits consists of \$195.6 million related to substantially completed projects, \$76.5 million related to projects with estimated completion dates within the next 12 months and \$11.2 million related to projects with estimated completion dates in 2023 and 2024.

Projects that are substantially complete and which have been placed into service in the Operating Assets or Seaport segments are included in the following table if the project has more than \$1.0 million of estimated costs remaining to be incurred. As of December 31, 2021, \$117.6 million of the cost related to substantially completed projects primarily relates to warranty repairs at Waiea in Ward Village. However, we anticipate recovering a substantial amount of these costs in the future, which is not reflected in the table below. The remaining cost related to substantially completed projects primarily represents budgeted tenant allowances necessary to bring the asset to stabilized occupancy.

We expect to be able to meet our cash funding requirements with a combination of existing and anticipated construction loans, condominium buyer deposits, free cash flow from our Operating Assets and MPC segments, net proceeds from condominium sales and our existing cash balances.

<i>thousands</i>	Estimated Remaining to be Spent	Remaining Buyer Deposits/ Holdback to be Drawn	Debt to be Drawn (a)	Costs Remaining to be Paid, Net of Debt and Buyer Deposits/ Holdbacks to be Drawn
Operating Assets				
Columbia	\$ 42,181	\$ —	\$ 36,394	\$ 5,787
The Woodlands	18,542	—	12,534	6,008
Total Operating Assets	60,723	—	48,928	11,795
Seaport Assets				
Seaport	69,605	—	—	69,605
Total Seaport Assets	69,605	—	—	69,605
Strategic Developments				
Columbia	88,699	—	82,570	6,129
The Woodlands	5,561	—	—	5,561
Bridgeland	40,467	—	38,708	1,759
Summerlin	150,132	—	134,498	15,634
Ward Village (b)	778,823	113,998	491,991	172,834
Total Strategic Developments	1,063,682	113,998	747,767	201,917
Total	\$ 1,194,010	\$ 113,998	\$ 796,695	\$ 283,317

(a) With respect to our condominium projects, remaining debt to be drawn is reduced by deposits utilized for construction. Refer to Note 7 - *Mortgages, Notes and Loans Payable, Net* in the Notes to Consolidated Financial Statements under Item 8 of this Form 10-K for additional information on each loan.

(b) Estimated remaining to be spent includes amounts for Waiea warranty repairs. However, we anticipate recovering a substantial amount of these costs in the future, which is not reflected in this schedule.

Contractual Cash Obligations and Commitments The following table aggregates our contractual cash obligations and commitments as of December 31, 2021:

<i>thousands</i>	2022	2023	2024	2025	2026	Thereafter	Total
Mortgages, notes and loans payable (a)	\$ 103,022	\$ 547,744	\$ 343,950	\$ 172,275	\$ 359,603	\$ 3,112,822	\$4,639,416
Interest Payments (b)	197,420	198,142	174,225	163,549	153,838	470,626	1,357,800
Ground lease and other leasing commitments	4,611	4,521	4,577	4,635	4,695	275,229	298,268
Total	\$ 305,053	\$ 750,407	\$ 522,752	\$ 340,459	\$ 518,136	\$ 3,858,677	\$6,295,484

(a) Based on final maturity, inclusive of extension options. In January 2022, the Company closed on a \$49.8 million financing of One Merriweather with maturity in February 2032 and used proceeds to pay a portion of the Senior Secured Credit Facility. In January 2022, the Company closed on a \$25.6 million financing of Two Merriweather with maturity in February 2032. In February 2022, the Company closed on a \$40.8 million financing of Two Summerlin with an initial maturity of February 2027 and 2 one-year extension options. In February 2022, the Company paid \$28.4 million on the Senior Secured Credit Facility which matures in September 2023.

(b) Interest is based on the borrowings that are presently outstanding and current floating interest rates.

We lease land or buildings at certain properties from third parties. Rental payments are expensed as incurred and have been, to the extent applicable, straight-lined over the term of the lease. Contractual rental expense, including participation rent, was \$7.2 million for the year ended December 31, 2021, \$7.2 million for the year ended December 31, 2020, and \$8.5 million for the year ended December 31, 2019. The amortization of above- and below-market ground leases and straight-line rents included in the contractual rent amount were not significant.

Debt Total outstanding debt was \$4.6 billion as of December 31, 2021. Certain mortgages may require paydowns in order to exercise contractual extension terms. Please refer to Note 7 - *Mortgages, Notes and Loans Payable, Net* in our Consolidated Financial Statements for a table showing our debt maturity dates.

Debt Compliance Due to the COVID-19 pandemic, the Company experienced a decline in operating results for certain retail and hospitality properties resulting in the Company not meeting its required debt service coverage ratio for the \$615.0 million Term Loan portion of the Senior Secured Credit Facility as of December 31, 2020. As a result, the excess net cash flow after debt service from the underlying properties became restricted. While the restricted cash could not be used for general corporate purposes, it could be used to fund operations of the underlying assets and did not have a material impact on the Company's liquidity. As a result of payments on the Term Loan, the Company met the debt service coverage ratio as of September 30, 2021, and December 31, 2021. As two consecutive quarters of compliance were required to release the restricted cash requirement, \$43.0 million of restricted cash as of December 31, 2021, qualifies for release.

As of December 31, 2021, the Company did not meet the debt service coverage ratio for the Two Hughes Landing loan. As a result, the excess net cash flow after debt service from the underlying property became restricted and cannot be used for general corporate purposes, but can continue to be used to fund operations of the underlying asset. This restriction does not have a material impact on the Company's liquidity.

As of December 31, 2021, apart from the Two Hughes Landing loan described above, the Company was in compliance with all financial covenants included in the agreements governing its indebtedness.

Net Debt The following table summarizes our net debt on a segment basis as of December 31, 2021. Net debt is defined as Mortgages, notes and loans payable, net, including our ownership share of debt of our Real estate and other affiliates, reduced by liquidity sources to satisfy such obligations such as our ownership share of Cash and cash equivalents and SID, MUD and TIF receivables. Although net debt is a non-GAAP financial measure, we believe that such information is useful to our investors and other users of our financial statements as net debt and its components are important indicators of our overall liquidity, capital structure and financial position. However, it should not be used as an alternative to our debt calculated in accordance with GAAP.

<i>thousands</i>	Operating Assets	Master Planned Communities	Seaport	Strategic Developments	Segment Totals	Non-Segment Amounts	December 31, 2021
Mortgages, notes and loans payable	\$ 1,931,339	\$ 339,512	\$ 99,579	\$ 198,500	\$ 2,568,930	\$ 2,022,227	\$ 4,591,157
Mortgages, notes and loans payable of real estate and other affiliates	286,243	9,270	—	—	295,513	—	295,513
Less:							
Cash and cash equivalents	(71,094)	(114,241)	(8,202)	(5,668)	(199,205)	(644,007)	(843,212)
Cash and cash equivalents of real estate and other affiliates	(5,655)	(45,307)	(133)	(14,914)	(66,009)	—	(66,009)
Special Improvement District receivables	—	(86,165)	—	—	(86,165)	—	(86,165)
Municipal Utility District receivables, net	—	(387,199)	—	—	(387,199)	—	(387,199)
TIF receivable	—	—	—	(855)	(855)	—	(855)
Net Debt	\$ 2,140,833	\$ (284,130)	\$ 91,244	\$ 177,063	\$ 2,125,010	\$ 1,378,220	\$ 3,503,230

Real Estate and Other Affiliates We have interests in certain property owning non-consolidated ventures which, as of December 31, 2021, have mortgage financing totaling \$671.5 million, with our proportionate share of this debt totaling \$295.5 million. All of this indebtedness is without recourse to the Company, with the exception of \$100.6 million related to 110 North Wacker. The following table summarizes our share of affiliate debt and cash as of December 31, 2021:

<i>thousands</i>	Company's Share of Affiliate Debt	Company's Share of Affiliate Cash
Operating Assets		
110 North Wacker	\$ 195,858	\$ 2,244
The Metropolitan Downtown Columbia	40,200	1,535
Stewart Title of Montgomery County, TX	—	818
Woodlands Sarofim #1	980	329
m.flats/TEN.M	49,205	729
Master Planned Communities		
The Summit	3,748	45,307
Trillium	5,522	—
Seaport		
Ssäm Bar (formerly Bar Wayō)	—	133
Strategic Developments		
HMK Development	—	10
KR Holdings	—	136
West End Alexandria	—	14,768
Total	\$ 295,513	\$ 66,009

CRITICAL ACCOUNTING POLICIES

The preparation of financial statements in accordance with GAAP requires management to make informed judgments, assumptions and estimates that affect the reported amounts of assets, liabilities, revenues, and expenses. We base our estimates on historical experience and on various other assumptions that we believe to be reasonable under the circumstances. Changes in facts and circumstances or additional information may result in revised estimates, and actual results may differ from these estimates.

We believe that of our significant accounting policies, which are described in Note 1 - *Summary of Significant Accounting Policies* in the Notes to Consolidated Financial Statements under Item 8 of this Form 10-K, the accounting policies below involve a greater degree of judgment and complexity. Accordingly, we believe these are the most critical to understand and evaluate fully our financial condition and results of operations.

Impairments

Methodology We review our long-lived assets for potential impairment indicators whenever events or changes in circumstances indicate that the carrying amount may not be recoverable. Although the carrying amount may exceed the estimated fair value of certain properties, a real estate asset is only considered to be impaired when its carrying amount is not expected to be recovered through estimated future undiscounted cash flows. To the extent an impairment provision is necessary, the excess of the carrying amount of the asset over its estimated fair value is expensed to operations and the carrying amount of the asset is reduced. The adjusted carrying amount, which represents the new cost basis of the asset, is depreciated over the remaining useful life of the asset or, for MPCs, is expensed as a cost of sales when land is sold.

Judgments and uncertainties An impairment loss is recognized if the carrying amount of an asset is not recoverable and exceeds its fair value. The cash flow estimates used both for determining recoverability and estimating fair value are inherently judgmental and reflect current and projected trends in rental, occupancy, pricing, development costs, sales pace and capitalization rates, selling costs, and estimated holding periods for the applicable assets. As such, the evaluation of anticipated cash flows is highly subjective and is based in part on assumptions that could differ materially from actual results in future periods. Unfavorable changes in any of the primary assumptions could result in a reduction of anticipated future cash flows and could indicate property impairment. Uncertainties related to the primary assumptions could affect the timing of an impairment. While we believe our assumptions are reasonable, changes in these assumptions may have a material impact on our financial results.

Master Planned Communities Cost of Sales

Methodology When residential or commercial land is sold, the cost of sales includes actual costs incurred and estimates of future development costs benefiting the property sold. When land is sold, costs are allocated to each sold superpad or lot based upon the relative sales value. For purposes of allocating development costs, estimates of future revenues and development costs are re-evaluated throughout the year, with adjustments being allocated prospectively to the remaining parcels available for sale. For certain parcels of land, including acquired parcels that the Company does not intend to develop or for which development was complete at the date of acquisition, the specific identification method is used to determine the cost of sales.

Judgments and uncertainties MPC cost of sales estimates are highly judgmental as they are sensitive to cost escalation, sales price escalation and pace of absorption, which are subject to judgment and affected by expectations about future market or economic conditions. Changes in the assumptions used to estimate future development costs could result in a significant impact on the amounts recorded as cost of sales.

RECENTLY ISSUED ACCOUNTING PRONOUNCEMENTS AND DEVELOPMENTS

Please refer to Note 1 - *Summary of Significant Accounting Policies* in the Notes to Consolidated Financial Statements under Item 8 of this Form 10-K for additional information about new accounting pronouncements.

Item 7A. Quantitative and Qualitative Disclosures about Market Risk

We are subject to interest rate risk with respect to our variable-rate financings in that increases in interest rates will increase our payments under these variable rates. With respect to fixed-rate financings, increases in interest rates could make it more difficult to refinance such debt when due. We manage a portion of our variable interest rate exposure by using interest rate swaps and caps. As of December 31, 2021, of our \$1.5 billion of variable-rate debt outstanding, \$650.5 million is swapped to a fixed rate. We may enter into interest rate cap contracts to mitigate our exposure to rising interest rates. We have a \$75.0 million cap contract at a 5.00% interest rate related to our properties in The Woodlands. We have cap contracts totaling \$368.2 million with a LIBOR strike rate of 2.00% on our construction loan on Victoria Place, which has an outstanding balance of \$49.0 million as of December 31, 2021. We have a \$59.5 million cap contract with a LIBOR strike rate of 2.50% on our construction loan on Tanager Echo, which has an immaterial amount drawn as of December 31, 2021. We have a \$75.0 million cap contract with a LIBOR strike rate of 2.50% on our construction loan for 1700 Pavilion, which has an immaterial amount drawn as of December 31, 2021. As the properties are placed into service and become stabilized, we typically refinance the variable-rate debt with long-term fixed-rate debt.

As of December 31, 2021, annual interest costs would increase approximately \$8.6 million for every 1.00% increase in floating interest rates. Generally, a significant portion of our interest expense is capitalized due to the level of assets we currently have under development; therefore, the current impact of a change in our interest rate on our Consolidated Statements of Operations and Consolidated Statements of Comprehensive Income (Loss) would be less than the total change, but we would incur higher cash payments and the development costs of our assets would be higher, resulting in greater depreciation or cost of sales in later years. For additional information concerning our debt and management's estimation process to arrive at a fair value of our debt as required by GAAP, please refer to the Liquidity and Capital Resources section of Item 7. *Management's Discussion and Analysis of Financial Condition and Results of Operations*, Note 7 - *Mortgages, Notes and Loans Payable, Net* and Note 9 - *Derivative Instruments and Hedging Activities* in the Notes to Consolidated Financial Statements under Item 8 of this Form 10-K.

The following table summarizes principal cash flows on our debt obligations and related weighted-average interest rates by expected maturity dates as of December 31, 2021:

thousands	Contractual Maturity Date						Total
	2022	2023	2024	2025	2026	Thereafter	
Mortgages, notes and loans payable (a)	\$103,022	\$547,744	\$343,950	\$172,275	\$359,603	\$3,112,822	\$4,639,416
Weighted-average interest rate	4.27 %	4.47 %	4.54 %	4.58 %	4.64 %	4.48 %	

(a) Based on final maturity, inclusive of extension options. In January 2022, the Company closed on a \$49.8 million financing of One Merriweather with maturity in February 2032 and used proceeds to pay a portion of the Senior Secured Credit Facility. In January 2022, the Company closed on a \$25.6 million financing of Two Merriweather with maturity in February 2032. In February 2022, the Company closed on a \$40.8 million financing of Two Summerlin with an initial maturity of February 2027 and 2 one-year extension options. In February 2022, the Company paid \$28.4 million on the Senior Secured Credit Facility which matures in September 2023.

Item 8. Financial Statements and Supplementary Data

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Report of Independent Registered Public Accounting Firm

To the Stockholders and the Board of Directors of
The Howard Hughes Corporation

Opinion on the Financial Statements

We have audited the accompanying consolidated balance sheets of The Howard Hughes Corporation (the Company) as of December 31, 2021 and 2020, the related consolidated statements of operations, comprehensive income (loss), equity and cash flows for each of the three years in the period ended December 31, 2021, and the related notes and financial statement schedule listed in the Index at Item 15(a) (collectively referred to as the “consolidated financial statements”). In our opinion, the consolidated financial statements present fairly, in all material respects, the financial position of the Company at December 31, 2021 and 2020, and the results of its operations and its cash flows for each of the three years in the period ended December 31, 2021, in conformity with U.S. generally accepted accounting principles.

We also have audited, in accordance with the standards of the Public Company Accounting Oversight Board (United States) (PCAOB), the Company’s internal control over financial reporting as of December 31, 2021, based on criteria established in Internal Control-Integrated Framework issued by the Committee of Sponsoring Organizations of the Treadway Commission (2013 framework) and our report dated February 28, 2022 expressed an unqualified opinion thereon.

Basis for Opinion

These financial statements are the responsibility of the Company's management. Our responsibility is to express an opinion on the Company's financial statements based on our audits. We are a public accounting firm registered with the PCAOB and are required to be independent with respect to the Company in accordance with the U.S. federal securities laws and the applicable rules and regulations of the Securities and Exchange Commission and the PCAOB.

We conducted our audits in accordance with the standards of the PCAOB. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free of material misstatement, whether due to error or fraud. Our audits included performing procedures to assess the risks of material misstatement of the financial statements, whether due to error or fraud, and performing procedures that respond to those risks. Such procedures included examining, on a test basis, evidence regarding the amounts and disclosures in the financial statements. Our audits also included evaluating the accounting principles used and significant estimates made by management, as well as evaluating the overall presentation of the financial statements. We believe that our audits provide a reasonable basis for our opinion.

Critical Audit Matter

The critical audit matter communicated below is a matter arising from the current period audit of the financial statements that was communicated or required to be communicated to the audit committee and that: (1) relates to accounts or disclosures that are material to the financial statements and (2) involved our especially challenging, subjective or complex judgments. The communication of the critical audit matter does not alter in any way our opinion on the consolidated financial statements, taken as a whole, and we are not, by communicating the critical audit matter below, providing a separate opinion on the critical audit matter or on the accounts or disclosures to which it relates.

Master Planned Communities (MPC) Cost of Sales Estimates*Description
of the Matter*

As discussed in Note 1 of the consolidated financial statements, when developed residential or commercial land is sold, the cost of sales includes actual costs incurred and estimates of future development costs, based on relative sales value, that benefit the property sold. For purposes of allocating development costs, estimates of future revenues and development costs are re-evaluated throughout the year, with adjustments being allocated prospectively to the remaining parcels available for sale.

*How We
Addressed
the Matter in
Our Audit*

MPC cost of sales estimates are highly judgmental as they are sensitive to cost escalation, sales price escalation and lot absorption, which are subject to judgment and affected by expectations about future market or economic conditions.

We obtained an understanding of and evaluated the design and operating effectiveness of the Company's internal controls over the estimation process that affect MPC cost of sales. This included controls over management's monitoring and review of key assumptions, including the Company's procedures to validate the completeness and accuracy of data used to determine estimates.

Our testing of the Company's MPC cost of sales estimates included, among other procedures, evaluating management's methodology of estimating future costs and revenues, testing the significant assumptions related to cost escalation, sales price escalation and lot absorption, evaluating the underlying data used by management and performing site visits for certain MPC developments to compare the overall status of the developments to what is reflected within the development cost models. We involved internal specialists to assist in comparing a sample of estimated future costs, lot absorption rates, and sales price escalation to market data, assessing contrary information and obtaining supporting evidence used to derive the estimates. We also assessed the historical accuracy of management's estimates and performed sensitivity analyses of significant assumptions to evaluate the changes in the cost of sale estimates that resulted from changes in the assumptions.

/s/ Ernst & Young LLP

We have served as the Company's auditor since 2013.

Houston, Texas

February 28, 2022

THE HOWARD HUGHES CORPORATION
CONSOLIDATED BALANCE SHEETS

<i>thousands except par values and share amounts</i>	December 31,	
	2021	2020
ASSETS		
Investment in real estate:		
Master Planned Communities assets	\$ 2,282,768	\$ 1,687,519
Buildings and equipment	3,962,441	4,115,493
Less: accumulated depreciation	(743,311)	(634,064)
Land	322,439	363,447
Developments	1,208,907	1,152,674
Net property and equipment	7,033,244	6,685,069
Investment in real estate and other affiliates	369,949	377,145
Net investment in real estate	7,403,193	7,062,214
Net investment in lease receivable	2,913	2,926
Cash and cash equivalents	843,212	1,014,686
Restricted cash	373,425	228,311
Accounts receivable, net	86,388	66,726
Municipal Utility District receivables, net	387,199	314,394
Notes receivable, net	7,561	622
Deferred expenses, net	119,825	112,097
Operating lease right-of-use assets, net	57,022	56,255
Prepaid expenses and other assets, net	300,956	282,101
Total assets	\$ 9,581,694	\$ 9,140,332
LIABILITIES		
Mortgages, notes and loans payable, net	\$ 4,591,157	\$ 4,287,369
Operating lease obligations	69,363	68,929
Deferred tax liabilities	204,837	187,639
Accounts payable and accrued expenses	983,167	852,258
Total liabilities	5,848,524	5,396,195
Commitments and Contingencies (see Note 10)		
Redeemable noncontrolling interest	22,500	29,114
EQUITY		
Preferred stock: \$0.01 par value; 50,000,000 shares authorized, none issued	—	—
Common stock: \$0.01 par value; 150,000,000 shares authorized, 56,173,276 issued and 54,065,661 outstanding as of December 31, 2021, and 56,042,814 shares issued and 54,972,256 outstanding as of December 31, 2020	563	562
Additional paid-in capital	3,960,418	3,947,278
Accumulated deficit	(16,456)	(72,556)
Accumulated other comprehensive loss	(14,457)	(38,590)
Treasury stock, at cost, 2,107,615 shares as of December 31, 2021, and 1,070,558 shares as of December 31, 2020	(220,073)	(122,091)
Total stockholders' equity	3,709,995	3,714,603
Noncontrolling interests	675	420
Total equity	3,710,670	3,715,023
Total liabilities and equity	\$ 9,581,694	\$ 9,140,332

See Notes to Consolidated Financial Statements.

THE HOWARD HUGHES CORPORATION
CONSOLIDATED STATEMENTS OF OPERATIONS

<i>thousands except per share amounts</i>	Year Ended December 31,		
	2021	2020	2019
REVENUES			
Rental revenue	\$ 369,330	\$ 323,182	\$ 278,806
Master Planned Communities land sales	346,217	233,044	330,146
Condominium rights and unit sales	514,597	1,143	448,940
Other land, rental and property revenues	152,619	105,048	206,966
Builder price participation	45,138	37,072	35,681
Total revenues	1,427,901	699,489	1,300,539
EXPENSES			
Operating costs	293,999	226,791	294,486
Master Planned Communities cost of sales	153,630	101,505	141,852
Condominium rights and unit cost of sales	414,199	108,229	369,759
Rental property real estate taxes	55,398	52,815	36,861
Provision for (recovery of) doubtful accounts	(459)	6,009	(414)
Demolition costs	355	—	855
Development-related marketing costs	10,313	8,166	23,067
General and administrative	81,990	109,402	162,506
Depreciation and amortization	205,100	217,467	155,798
Total expenses	1,214,525	830,384	1,184,770
OTHER			
Provision for impairment	(13,068)	(48,738)	—
Gain (loss) on sale or disposal of real estate and other assets, net	53,079	59,942	22,362
Other income (loss), net	(11,515)	130	12,179
Total other	28,496	11,334	34,541
Operating income (loss)	241,872	(119,561)	150,310
Selling profit from sales-type leases	—	—	13,537
Interest income	107	2,368	9,797
Interest expense	(130,036)	(132,257)	(105,374)
Gain (loss) on extinguishment of debt	(38,014)	(13,169)	4,641
Equity in earnings (losses) from real estate and other affiliates	(9,852)	271,099	30,629
Income (loss) before income taxes	64,077	8,480	103,540
Income tax expense (benefit)	15,153	11,653	29,245
Net income (loss)	48,924	(3,173)	74,295
Net (income) loss attributable to noncontrolling interests	7,176	(22,981)	(339)
Net income (loss) attributable to common stockholders	\$ 56,100	\$ (26,154)	\$ 73,956
Basic income (loss) per share	\$ 1.03	\$ (0.50)	\$ 1.71
Diluted income (loss) per share	\$ 1.03	\$ (0.50)	\$ 1.71

See Notes to Consolidated Financial Statements.

THE HOWARD HUGHES CORPORATION
CONSOLIDATED STATEMENTS OF COMPREHENSIVE INCOME (LOSS)

<i>thousands</i>	Year Ended December 31,		
	2021	2020	2019
Net income (loss)	\$ 48,924	\$ (3,173)	\$ 74,295
Other comprehensive income (loss)			
Interest rate swaps (a)	17,960	(23,070)	(21,184)
Capitalized swap interest (expense) income (b)	—	—	(73)
Pension adjustment (b)	452	(84)	11
Deconsolidation of 110 North Wacker (c)	—	12,934	—
Share of investee's other comprehensive income (d)	5,721	1,002	—
Other comprehensive income (loss)	24,133	(9,218)	(21,246)
Comprehensive income (loss)	73,057	(12,391)	53,049
Comprehensive (income) loss attributable to noncontrolling interests	7,176	(22,981)	(339)
Comprehensive income (loss) attributable to common stockholders	\$ 80,233	\$ (35,372)	\$ 52,710

- (a) Amounts are shown net of deferred tax expense of \$5.1 million for the year ended December 31, 2021, deferred tax benefit of \$5.3 million for the year ended December 31, 2020, and deferred tax benefit of \$6.2 million for the year ended December 31, 2019.
- (b) The deferred tax impact was not meaningful for the years ended December 31, 2021, 2020 and 2019.
- (c) The amount for 2020 represents the derecognition of Other comprehensive income (loss) related to interest rate collars on the 110 North Wacker debt, shown net of deferred tax expense of \$1.0 million.
- (d) Amounts are shown net of deferred tax expense of \$1.6 million for the year ended December 31, 2021, and \$0.3 million for the year ended December 31, 2020.

See Notes to Consolidated Financial Statements.

THE HOWARD HUGHES CORPORATION
CONSOLIDATED STATEMENTS OF EQUITY

thousands except shares	Common Stock		Additional	Accumulated		Treasury Stock		Total	Noncontrolling	Total
	Shares	Amount	Paid-In	Accumulated	Other	Shares	Amount	Stockholders'	Interests (a)	Equity
			Capital	Deficit	Comprehensive			Equity		Equity
Balance, January 1, 2019	43,511,473	\$ 436	\$ 3,322,433	\$ (120,341)	\$ (8,126)	(519,849)	\$ (62,190)	\$ 3,132,212	\$ 105,914	\$ 3,238,126
Net income	—	—	—	73,956	—	—	—	73,956	339	74,295
Interest rate swaps, net of tax expense (benefit) of \$(6,161)	—	—	—	—	(21,184)	—	—	(21,184)	—	(21,184)
Pension adjustment, net of tax expense (benefit) of \$(41)	—	—	—	—	11	—	—	11	—	11
Capitalized swap interest, net of tax expense (benefit) of \$20	—	—	—	—	(73)	—	—	(73)	—	(73)
Deconsolidation of equity investments	—	—	—	—	—	—	—	—	(3,750)	(3,750)
Deconsolidation of Associations of Unit Owners	—	—	—	—	—	—	—	—	(2,538)	(2,538)
Repurchase of common shares	—	—	—	—	—	(496,000)	(53,923)	(53,923)	—	(53,923)
Contributions to joint ventures	—	—	—	—	—	—	—	—	84,890	84,890
Stock plan activity	124,420	1	21,550	—	—	(34,411)	(4,417)	17,134	—	17,134
Balance, December 31, 2019	43,635,893	\$ 437	\$ 3,343,983	\$ (46,385)	\$ (29,372)	(1,050,260)	\$ (120,530)	\$ 3,148,133	\$ 184,855	\$ 3,332,988
Net income(loss), excluding income of \$22,881 attributable to redeemable noncontrolling interest	—	—	—	(26,154)	—	—	—	(26,154)	100	(26,054)
Interest rate swaps, net of tax expense (benefit) of \$(5,260)	—	—	—	—	(23,070)	—	—	(23,070)	—	(23,070)
Pension adjustment, net of tax expense (benefit) of \$87	—	—	—	—	(84)	—	—	(84)	—	(84)
Reclassification of redeemable noncontrolling interest to temporary equity	—	—	—	—	—	—	—	—	(6,091)	(6,091)
Share of investee's other comprehensive income, net of tax expense (benefit) of \$285	—	—	—	—	1,002	—	—	1,002	—	1,002
Derecognition of 110 North Wacker, net of tax expense (benefit) of \$951 (b)	—	—	—	1	12,934	—	—	12,935	(178,444)	(165,509)
Adoption of ASU 2016-13 (c)	—	—	—	(18)	—	—	—	(18)	—	(18)
Issuance of common shares	12,270,900	123	593,493	—	—	—	—	593,616	—	593,616
Stock plan activity	136,021	2	9,802	—	—	(20,298)	(1,561)	8,243	—	8,243
Balance, December 31, 2020	56,042,814	\$ 562	\$ 3,947,278	\$ (72,556)	\$ (38,590)	(1,070,558)	\$ (122,091)	\$ 3,714,603	\$ 420	\$ 3,715,023
Net income(loss), excluding a loss of \$7,431 attributable to redeemable noncontrolling interest	—	—	—	56,100	—	—	—	56,100	255	56,355
Interest rate swaps, net of tax expense (benefit) of \$5,080	—	—	—	—	17,960	—	—	17,960	—	17,960
Pension adjustment, net of tax expense (benefit) of \$136	—	—	—	—	452	—	—	452	—	452
Share of investee's other comprehensive income, net of tax expense (benefit) of \$1,627	—	—	—	—	5,721	—	—	5,721	—	5,721
Issuance of common shares	—	—	(5)	—	—	—	—	(5)	—	(5)
Repurchase of common shares	—	—	—	—	—	(1,023,284)	(96,620)	(96,620)	—	(96,620)
Stock plan activity	130,462	1	13,145	—	—	(13,773)	(1,362)	11,784	—	11,784
Balance, December 31, 2021	56,173,276	\$ 563	\$ 3,960,418	\$ (16,456)	\$ (14,457)	(2,107,615)	\$ (220,073)	\$ 3,709,995	\$ 675	\$ 3,710,670

- (a) Excludes redeemable noncontrolling interest, which is reflected in temporary equity. See Note 2 - *Investments in Real Estate and Other Affiliates*.
- (b) Related to deconsolidation of 110 North Wacker. Refer to Note 2 - *Investments in Real Estate and Other Affiliates* for additional information.
- (c) Related to the adoption of ASU 2016-13, Financial Instruments-Credit Losses (Topic 326) and all its related amendments as of January 1, 2020.

See Notes to Consolidated Financial Statements.

THE HOWARD HUGHES CORPORATION
CONSOLIDATED STATEMENTS OF CASH FLOWS

<i>thousands</i>	Year Ended December 31,		
	2021	2020	2019
CASH FLOWS FROM OPERATING ACTIVITIES			
Net income (loss)	\$ 48,924	\$ (3,173)	\$ 74,295
Adjustments to reconcile net income (loss) to cash provided by (used in) operating activities:			
Depreciation	185,418	198,556	143,698
Amortization	16,891	18,200	10,684
Amortization of deferred financing costs	10,301	13,301	11,726
Amortization of intangibles other than in-place leases	2,843	680	788
Straight-line rent amortization	(9,278)	(14,204)	(5,652)
Deferred income taxes	10,356	10,827	27,818
Restricted stock and stock option amortization	9,885	5,983	19,502
Net gain on sale of properties	(53,057)	(13,710)	(22,669)
Net gain on sale of equity method investments	—	(1,076)	—
Net gain on sale of lease receivable	—	(38,124)	—
Proceeds from the sale of lease receivable	—	64,155	—
Selling profit from sales-type leases	—	—	(13,537)
(Gain) loss on extinguishment of debt	38,014	9,604	(4,851)
Impairment charges	15,335	62,384	—
Equity in (earnings) losses from real estate and other affiliates, net of distributions	52,390	(264,416)	(9,585)
Provision for doubtful accounts	(2,027)	21,403	3,920
Master Planned Community land acquisitions	(574,253)	—	(752)
Master Planned Community development expenditures	(322,255)	(228,402)	(238,806)
Master Planned Community cost of sales	144,933	91,383	119,429
Condominium development expenditures	(345,289)	(244,642)	(211,617)
Condominium rights and units cost of sales	394,427	100,584	369,759
Net Changes:			
Accounts and notes receivable	23,738	78,647	24,519
Prepaid expenses and other assets	(10,284)	(31,467)	3,147
Condominium deposits received	59,108	115,090	(68,842)
Deferred expenses	(22,903)	(23,289)	(52,503)
Accounts payable and accrued expenses	42,825	(1,164)	27,261
Cash provided by (used in) operating activities	(283,958)	(72,870)	207,732
CASH FLOWS FROM INVESTING ACTIVITIES			
Property and equipment expenditures	(1,814)	(1,611)	(6,951)
Operating property improvements	(35,915)	(39,863)	(55,524)
Property development and redevelopment	(274,742)	(430,498)	(674,244)
Acquisition of assets	—	—	(565,552)
Proceeds from sales of properties	322,451	24,373	67,110
Reimbursements under tax increment financings	667	6,703	6,883
Distributions from real estate and other affiliates	92,060	16,232	1,437
Investments in real estate and other affiliates, net	(1,249)	(3,882)	(6,056)
Cash provided by (used in) investing activities	101,458	(428,546)	(1,232,897)

<i>thousands</i>	Year Ended December 31,		
	2021	2020	2019
CASH FLOWS FROM FINANCING ACTIVITIES			
Proceeds from mortgages, notes and loans payable	2,422,862	1,403,923	1,292,083
Principal payments on mortgages, notes and loans payable	(2,140,340)	(867,935)	(386,489)
Proceeds from issuance of common stock	—	593,574	—
Repurchases of common shares	(81,127)	—	(53,922)
Debt extinguishment costs	(29,793)	—	—
Special Improvement District bond funds released from (held in) escrow	11,477	10,151	6,077
Deferred financing costs and bond issuance costs, net	(28,517)	(17,844)	(19,639)
Taxes paid on stock options exercised and restricted stock vested	(2,500)	(2,229)	(5,449)
Stock options exercised	4,078	4,638	3,535
Issuance of noncontrolling interests	—	—	84,889
Cash provided by (used in) financing activities	156,140	1,124,278	921,085
Net change in cash, cash equivalents and restricted cash	(26,360)	622,862	(104,080)
Cash, cash equivalents and restricted cash at beginning of period	1,242,997	620,135	724,215
Cash, cash equivalents and restricted cash at end of period	\$ 1,216,637	\$ 1,242,997	\$ 620,135
SUPPLEMENTAL DISCLOSURE OF CASH FLOW INFORMATION			
Interest paid	\$ 182,654	\$ 179,355	\$ 168,925
Interest capitalized	71,798	70,258	73,002
Income taxes paid (refunded), net	1,789	(2,409)	(2,138)
NON-CASH TRANSACTIONS			
Initial recognition of ASC 842 operating leases ROU asset	6,189	493	72,106
Initial recognition of ASC 842 operating lease obligation	6,189	493	71,888
Accrued property improvements, developments and redevelopments	16,885	(92,383)	14,454
Special Improvement District bond transfers associated with land sales	8,697	10,122	22,423
Special Improvement District bonds held in third-party escrow	45,425	—	9,686
Accrued interest on construction loan borrowing	—	9,743	10,154
Capitalized stock compensation	2,326	1,158	1,443
Accrued repurchase of common shares	15,492	—	—

See Notes to Consolidated Financial Statements.

1. Summary of Significant Accounting Policies

General The Howard Hughes Corporation is a Delaware corporation that was formed on July 1, 2010. Together with its subsidiaries (herein, HHC or the Company), HHC develops Master Planned Communities (MPC) and residential condominiums, transforms a multi-block district largely under private management in New York City into a lifestyle destination (Seaport), invests in other strategic real estate opportunities in the form of entitled and unentitled land and other development rights (Strategic Developments) and owns, manages and operates real estate assets currently generating revenues (Operating Assets), which may be redeveloped or repositioned from time to time.

Certain amounts in the 2020 Consolidated Balance Sheet have been reclassified to conform to the current presentation. Specifically, the Company reclassified straight-line rent from Prepaid expenses and other assets, net to Accounts Receivable, net.

COVID-19 Pandemic The 2020 outbreak of the novel strain of the coronavirus (COVID-19) resulted in a global slowdown of economic activity including worldwide travel restrictions, prohibitions of non-essential work activities, and the disruption and shutdown of businesses, all of which resulted in significant uncertainty in global financial markets and a material adverse impact on the Company's financial performance in fiscal 2020, particularly in the Operating Asset and Seaport segments. Many states began easing quarantine protocols near the end of the second quarter of 2020, which allowed most of the Company's retail and hospitality properties to resume operations on a limited basis. While COVID-19 has adversely impacted all business segments during 2020 and 2021, the Company's performance notably improved during the second half of 2020. This improvement has continued through 2021.

The extent to which COVID-19 continues to impact the Company will depend on future developments, which are highly uncertain and cannot be predicted with confidence, including the actions taken to contain the pandemic or mitigate its impact, such as the speed and effectiveness of vaccine and treatment developments and their deployment, potential mutations of COVID-19, and the direct and indirect economic effects of the pandemic and containment measures.

Principles of Consolidation and Basis of Presentation The accompanying Consolidated Financial Statements have been prepared in accordance with accounting principles generally accepted in the United States (GAAP), with all intercompany balances eliminated. The presentation includes the accounts of the Company and those entities in which HHC has a controlling financial interest. The Company also consolidates certain variable interest entities (VIEs) in accordance with Financial Accounting Standards Board's (FASB) Accounting Standards Codification (ASC) 810 *Consolidation* (ASC 810). The outside equity interests in certain entities controlled by the Company are reflected in the Consolidated Financial Statements as noncontrolling interests.

Use of Estimates The preparation of financial statements in conformity with GAAP requires management to make estimates and assumptions. These estimates and assumptions affect the reported amounts of assets and liabilities, the disclosure of contingent assets and liabilities at the date of the financial statements and the reported amounts of revenues and expenses during the reporting periods. The estimates and assumptions include, but are not limited to, capitalization of development costs, provision for income taxes, future cash flows used in impairment analysis and fair value used in impairment calculations, recoverable amounts of receivables and deferred tax assets, initial valuations of tangible and intangible assets acquired and the related useful lives of assets upon which depreciation and amortization is based. Estimates and assumptions have also been made with respect to future revenues and costs, and the fair value of warrants, debt and options granted. In particular, MPC cost of sales estimates are highly judgmental as they are sensitive to cost escalation, sales price escalation and lot absorption, which are subject to judgment and affected by expectations about future market or economic conditions. Actual results could differ from these and other estimates.

Segments Segment information is prepared on the same basis that management reviews information for operational decision-making purposes. Management evaluates the performance of each of HHC's real estate assets or investments individually and aggregates such properties into segments based on their economic characteristics and types of revenue streams. The Company operates in four business segments: (i) Operating Assets; (ii) MPC; (iii) Seaport and (iv) Strategic Developments.

Investment in Real Estate

Master Planned Community Assets, Buildings and Equipment and Land Real estate assets are stated at cost less any provisions for impairments. Expenditures for significant improvements to the Company’s assets are capitalized. Tenant improvements relating to the Company’s operating assets are capitalized and depreciated over the shorter of their economic lives or the lease term. Maintenance and repair costs are charged to expense when incurred.

The Company periodically reviews the estimated useful lives of properties. Depreciation or amortization expense is computed using the straight-line method based upon the following estimated useful lives:

Asset Type	Years	Balance Sheet Location
Buildings and improvements	7 - 40	Buildings and Equipment
Equipment and fixtures	5 - 20	Buildings and Equipment
Computer hardware and software, and vehicles	3 - 5	Buildings and Equipment
Tenant improvements	Lesser of lease term or useful life	Buildings and Equipment
Leasing costs	Related lease term	Prepaid expenses and other assets, net

From time to time, the Company may reassess the development strategies for certain buildings and improvements which results in changes to the Company’s estimate of their remaining useful lives. The Company did not recognize additional depreciation expense of significance for the years ended December 31, 2021, 2020 and 2019.

Developments Development costs, which primarily include direct costs related to placing the asset in service associated with specific development properties, are capitalized as part of the property being developed. Construction and improvement costs incurred in connection with the development of new properties or the redevelopment of existing properties are capitalized before they are placed into service. Costs include planning, engineering, design, direct material, labor and subcontract costs. Real estate taxes, utilities, direct legal and professional fees related to the sale of a specific unit, interest, insurance costs and certain employee costs incurred during construction periods are also capitalized. Capitalization commences when the development activities begin and ceases when a project is completed, put on hold or at the date that the Company decides to not move forward with a project. Capitalized costs related to a project where HHC has determined not to move forward are expensed if they are not deemed recoverable. Capitalized interest costs are based on qualified expenditures and interest rates in place during the construction period. Demolition costs associated with redevelopments are expensed as incurred unless the demolition was included in the Company’s development plans and imminent as of the acquisition date of an asset. Once the assets are placed into service, they are depreciated in accordance with HHC’s policy. In the event that management no longer has the ability or intent to complete a development, the costs previously capitalized are evaluated for impairment.

Developments consist of the following categories as of December 31:

<i>thousands</i>	2021	2020
Land and improvements	\$ 360,957	\$ 407,926
Development costs	847,950	744,748
Total Developments	\$ 1,208,907	\$ 1,152,674

Investments in Real Estate and Other Affiliates In the ordinary course of business, HHC enters into partnerships or joint ventures primarily for the development and operation of real estate assets which are referred to as Investments in real estate and other affiliates. The Company assesses its joint ventures at inception to determine if any meet the qualifications of a VIE. HHC considers a partnership or joint venture a VIE if: (a) the total equity investment is not sufficient to permit the entity to finance its activities without additional subordinated financial support; (b) characteristics of a controlling financial interest are missing (either the ability to make decisions through voting or other rights, the obligation to absorb the expected losses of the entity or the right to receive the expected residual returns of the entity); or (c) the voting rights of the equity holders are not proportional to their obligations to absorb the expected losses of the entity and/or their rights to receive the expected residual returns of the entity, and substantially all of the entity’s activities either involve or are conducted on behalf of an investor that has disproportionately few voting rights. Upon the occurrence of certain events outlined in ASC 810, the Company reassesses its initial determination of whether the partnership or joint venture is a VIE.

The Company also performs a qualitative assessment of each VIE to determine if HHC is the primary beneficiary. Under ASC 810, a company concludes that it is the primary beneficiary and consolidates the VIE if the company has both (a) the power to direct the economically significant activities of the entity and (b) the obligation to absorb losses of, or the right to receive benefits from, the entity that could potentially be significant to the VIE. The Company considers the contractual agreements that define the ownership structure, distribution of profits and losses, risks, responsibilities, indebtedness, voting rights and board representation of the respective parties in determining if the company is the primary beneficiary. As required by ASC 810, management's assessment of whether the Company is the primary beneficiary of a VIE is continuously performed.

The Company accounts for VIEs for which it is not considered to be the primary beneficiary but has significant influence using the equity method, and investments in VIEs where HHC does not have significant influence on the joint venture's operating and financial policies using the cost method. The Company accounts for investments in joint ventures where it owns a noncontrolling interest using the equity method. For investments in joint ventures where the Company has virtually no influence on the joint venture's operating and financial policies, the Company has elected the measurement alternative to carry the securities at cost less impairment, if any, plus or minus changes resulting from observable price changes in orderly transactions for the identical or similar investment of the issuer. Equity securities not accounted for under the equity method are required to be reported at fair value with unrealized gains and losses reported in the Consolidated Statements of Comprehensive Income (Loss) as Net unrealized gains (losses) on instruments measured at fair value through earnings, unless the securities do not have readily determinable fair values.

Under the equity method, the cost of an investment is adjusted for the Company's share of the equity in earnings or losses of such Real Estate Affiliates from the date of investment and reduced by distributions received. Generally, the operating agreements with respect to Real estate and other affiliates provide that assets, liabilities and funding obligations are shared in accordance with HHC's ownership percentages. The Company generally also shares in the profit and losses, cash flows and other matters relating to its Real estate and other affiliates in accordance with the respective ownership percentages. For certain equity method investments, when the preferences on profit sharing on liquidation rights and priorities differ from the ownership percentages, HHC considers ASC 970 and applies the Hypothetical Liquidation Book Value (HLBV) method. Under this method, the Company recognizes income or loss based on the change in the underlying share of the venture's net assets on a hypothetical liquidation basis as of the reporting date.

Acquisitions of Properties The Company accounts for the acquisition of real estate properties in accordance with ASC 805 Business Combinations (ASC 805). This methodology requires that assets acquired and liabilities assumed be recorded at their fair values on the date of acquisition for business combinations and at relative fair values for asset acquisitions.

Costs directly related to asset acquisitions are considered additions to the purchase price and increase the cost basis recorded for the Investment in Real Estate. Acquisition costs related to the acquisition of a business are expensed as incurred.

The fair value of tangible assets of an acquired property (which includes land, buildings and improvements) is determined by valuing the property as if it were vacant, and the as-if-vacant value is then allocated to land, buildings and improvements based on management's determination of the fair value of these assets. The as-if-vacant values are derived from several sources which incorporate significant unobservable inputs that are classified as Level 3 inputs in the fair value hierarchy and primarily include a discounted cash flow analysis using discount and capitalization rates based on recent comparable market transactions, where available.

The fair value of acquired intangible assets consisting of in-place, above-market and below-market leases is recorded based on a variety of considerations, some of which incorporate significant unobservable inputs that are classified as Level 3 inputs in the fair value hierarchy. In-place lease considerations include, but are not necessarily limited to: (1) the value associated with avoiding the cost of originating the acquired in-place leases (i.e., the market cost to execute a lease, including leasing commissions and tenant improvements); (2) the value associated with lost revenue related to tenant reimbursable operating costs incurred during the assumed lease-up period (i.e., real estate taxes, insurance and certain other operating expenses); and (3) the value associated with lost rental revenue from existing leases during the assumed lease-up period. Above-market and below-market leases are valued at the present value, using a discount rate that reflects the risks associated with the leases acquired, of the difference between (1) the contractual amounts to be paid pursuant to the in-place lease; and (2) management's estimate of current market lease rates, measured over the remaining non-cancelable lease term, including any below-market renewal option periods.

Impairment HHC reviews its long-lived assets (including those held by its Real estate and other affiliates) for potential impairment indicators whenever events or changes in circumstances indicate that the carrying amount may not be recoverable. An impairment loss is recognized if the carrying amount of an asset is not recoverable and exceeds its fair value. The evaluation of anticipated cash flows is highly subjective and is based in part on assumptions regarding future economic conditions, such as occupancy, rental rates, capital requirements and sales values that could differ materially from actual results in future periods. If impairment indicators exist and it is expected that undiscounted cash flows generated by the asset are less than its carrying amount, less costs to sell in the case of assets classified as held for sale, an impairment provision is recorded to write-down the carrying amount of the asset to its fair value.

Impairment indicators for HHC's assets or projects within MPCs are assessed separately and include, but are not limited to, significant decreases in sales pace or average selling prices, significant increases in expected land development and construction costs or cancellation rates, and projected losses on expected future sales. MPC assets have extended life cycles that may last 20 to 40 years, or longer, and have few long-term contractual cash flows. Further, MPC assets generally have minimal to no residual values because of their liquidating characteristics. MPC development periods often occur through several economic cycles. Subjective factors such as the expected timing of property development and sales, optimal development density and sales strategy impact the timing and amount of expected future cash flows and fair value.

Impairment indicators for Operating Assets are assessed for each property and include, but are not limited to, significant decreases in net operating income, significant decreases in occupancy, ongoing low occupancy and significant net operating losses.

Impairment indicators for Seaport include, but are not limited to, significant changes in projected completion dates, operating revenues or cash flows, development costs, ongoing low occupancy, and market factors.

Impairment indicators for assets in the Strategic Developments are assessed by project and include, but are not limited to, significant changes in projected completion dates, revenues or cash flows, development costs, market factors, significant decreases in comparable property sale prices and feasibility.

The cash flow estimates used both for determining recoverability and estimating fair value are inherently judgmental and reflect current and projected trends in rental, occupancy, pricing, development costs, sales pace and capitalization rates, and estimated holding periods for the applicable assets. Although the estimated fair value of certain assets may be exceeded by the carrying amount, a real estate asset is only considered to be impaired when its carrying amount is not expected to be recovered through estimated future undiscounted cash flows. To the extent an impairment provision is necessary, the excess of the carrying amount of the asset over its estimated fair value is expensed to operations. In addition, the impairment provision is allocated proportionately to adjust the carrying amount of the asset. The adjusted carrying amount, which represents the new cost basis of the asset, is depreciated over the remaining useful life of the asset or, for MPCs, is expensed as a cost of sales when land is sold. Assets that have been impaired will in the future have lower depreciation and cost of sale expenses. The impairment will have no impact on cash flow.

With respect to HHC's Investment in real estate and other affiliates, a series of operating losses of an underlying asset or other factors may indicate that a decrease in value has occurred which is other-than-temporary. The investment in each real estate and other affiliate is evaluated periodically and as deemed necessary for recoverability and valuation declines that are other-than-temporary. If the decrease in value of an investment in a real estate and other affiliate is deemed to be other-than-temporary, HHC's investment is reduced to its estimated fair value. In addition to the property-specific impairment analysis that are performed on the underlying assets of the investment, the Company also considers the ownership, distribution preferences, limitations and rights to sell and repurchase its ownership interests.

Cash and Cash Equivalents Cash and cash equivalents consist of highly-liquid investments with maturities at date of purchase of three months or less and include registered money market mutual funds which are invested in United States Treasury bills that are valued at the net asset value of the underlying shares in the funds as of the close of business at the end of each period as well as deposits with major banks throughout the United States. Such deposits are in excess of FDIC limits and are placed with high quality institutions in order to minimize concentration of counterparty credit risk.

Restricted Cash Restricted cash reflects amounts segregated in escrow accounts in the name of the Company, primarily related to escrowed condominium deposits by buyers and other amounts related to taxes, insurance and legally restricted security deposits and leasing costs.

Accounts Receivable, net Accounts receivable includes tenant rents, tenant recoveries, straight-line rent assets and other receivables. On a quarterly basis, management reviews tenant rents, tenant recoveries and straight-line rent assets for collectability. As required under Accounting Standards Codification (ASC) 842 - Leases, this analysis includes a review of past due accounts and considers factors such as the credit quality of tenants, current economic conditions and changes in customer payment trends. When full collection of a lease receivable or future lease payment is not probable, a reserve for the receivable balance is charged against rental revenue and future rental revenue is recognized on a cash basis. Due to the continued impacts of COVID-19 on the collectability of tenant receivables, the Company determined full collection of outstanding tenant rents and recoveries was not probable for some retail tenants. In addition, the Company determined that a reserve for estimated losses under ASC 450 - Contingencies is required as the estimated losses are probable and can be reasonably estimated.

The following table represents the components of Accounts Receivable, net of amounts considered uncollectible, in the accompanying Consolidated Balance Sheets as of December 31:

<i>thousands</i>	2021	2020
Straight-line rent receivables	\$ 72,461	\$ 59,288
Tenant receivables	8,647	4,339
Other receivables	5,280	3,099
Accounts receivable, net (a)	\$ 86,388	\$ 66,726

(a) As of December 31, 2021, the total reserve balance for amounts considered uncollectible was \$16.5 million, comprised of \$11.5 million related to ASC 842 and \$5.0 million related to ASC 450. As of December 31, 2020, the total reserve balance was \$33.0 million, comprised of \$27.3 million related to ASC 842 and \$5.7 million related to ASC 450. The decrease in total reserve balance is primarily due to write offs of \$14.5 million in 2021, primarily related to uncollectible amounts at Ward Village.

The following table summarizes the impacts of the ASC 842 and ASC 450 reserves in the accompanying Consolidated Statements of Operations for the years ended December 31:

<i>thousands</i>	Income Statement Location	2021	2020	2019
ASC 842 reserve	Rental revenue	\$ (1,562)	\$ 21,825	\$ 6,295
ASC 450 reserve	Provision for (recovery of) doubtful accounts	(789)	6,009	(414)
Total impact		\$ (2,351)	\$ 27,834	\$ 5,881

Notes Receivable, net Notes receivable, net includes non-derivative financial assets with fixed or determinable payments that are not quoted in an active market. Subsequent to initial recognition, they are recorded at amortized cost less any provision for impairment as required under ASC 326 - *Financial Instruments - Credit Losses*. Refer to discussion below for information related to the adoption of ASC 326 in 2020.

Municipal Utility District Receivables, net In Houston, Texas, certain development costs are reimbursable through the creation of a Municipal Utility District (MUD), also known as Water Control and Improvement Districts, which are separate political subdivisions authorized by Article 16, Section 59 of the Texas Constitution and governed by the Texas Commission on Environmental Quality (TCEQ). MUDs are formed to provide municipal water, wastewater, drainage services, recreational facilities and roads to those areas where they are currently unavailable through the regular city services. Typically, the developer advances funds for the creation of the facilities, which must be designed, bid and constructed in accordance with the City of Houston's and TCEQ requirements.

The MUD Board of Directors authorizes and approves all MUD development contracts, and MUD bond sale proceeds are used to reimburse the developer for its construction costs, including interest. At the date the expenditures occur, the Company determines the costs it believes will be eligible for reimbursement and recognizes that as MUD receivables. These expenditures are subject to review by the MUD engineers for eligibility in accordance with the development contracts as part of the process for reimbursement. MUD receivables are pledged as security to creditors under the debt facilities relating to Bridgeland.

Prepaid Expenses and Other Assets, net The major components of Prepaid expenses and other assets, net include Condominium inventory, Special Improvement District (SID) receivables, Various Intangibles, and prepaid expenses related to the Company's properties.

SID receivables are amounts due from SID bonds related to the Company's Summerlin MPC. Proceeds from SID bonds are held in escrow by a third-party and are used to reimburse the Company for a portion of the development costs incurred in Summerlin. SID receivables are \$86.2 million as of December 31, 2021, and \$54.8 million as of December 31, 2020.

Tax increment financing (TIF) receivables are amounts which the Company has submitted for reimbursement from Howard County, Maryland, in conjunction with development costs expended on key roads and infrastructure work within the Merriweather District of Columbia specified per the terms of the county's TIF legislation and Special Obligation Bonds issued in October 2017. TIF receivables are \$0.9 million as of December 31, 2021, and \$0.9 million as of December 31, 2020.

The Company's intangibles include in-place lease assets and above-market lease assets where HHC is the lessor, trademark/tradename intangibles related to MPCs, and other indefinite lived intangibles relating to properties and businesses acquired in previous real estate transactions. The Company amortizes finite-lived intangible assets less any residual value, if applicable, on a straight-line basis over the term of the related lease or the estimated useful life of the asset. Intangible assets with an indefinite useful life, primarily attributable to the acquisition of the joint venture partner's interest in the Las Vegas Aviators baseball team, are not amortized. The Company reviews for any changes in business that would lead to a reconsideration that the life is finite and should be subject to amortization.

Income Taxes The Company utilizes the asset and liability method of accounting for income taxes. Under this method, deferred tax assets and liabilities are determined based on the difference between the financial statement carrying amounts and tax bases of assets and liabilities using enacted tax rates in effect for years in which the temporary differences are expected to reverse. Deferred income taxes also reflect the impact of operating loss and tax credit carryforwards.

The Company periodically assesses the realizability of its deferred tax assets. If the Company concludes that it is more likely than not that some of the deferred tax assets will not be realized, the tax asset is reduced by a valuation allowance. The Company considers many factors when assessing the likelihood of future realization of deferred tax assets, including expectations of future taxable income, carryforward periods available to the Company for tax reporting purposes, various income tax strategies and other relevant factors. In addition, interest and penalties related to uncertain tax positions, if necessary, are recognized in income tax expense.

In the Company's MPCs, gains with respect to land sales, whether for commercial use or for single family residences, are reported for tax purposes either on the modified accrual method or on the percentage-of-completion method. Under the percentage-of-completion method, a gain is recognized for tax purposes as costs are incurred in satisfaction of contractual obligations.

Deferred Expenses, net Deferred expenses consist principally of leasing costs. Deferred leasing costs are amortized to amortization expense using the straight-line method over the related lease term. Deferred expenses are shown net of accumulated amortization of \$49.9 million as of December 31, 2021, and \$39.7 million as of December 31, 2020.

Marketing and Advertising Each of the Company's segments incur various marketing and advertising costs as part of their development, branding, leasing or sales initiatives. These costs include special events, broadcasts, direct mail and online digital and social media programs, and they are expensed as incurred.

Fair Value of Financial Instruments The carrying values of cash and cash equivalents, escrows, receivables, accounts payable, accrued expenses and other assets and liabilities are reasonable estimates of their fair values because of the short maturities of these instruments.

Derivative Instruments and Hedging Activities Derivative instruments and hedging activities require management to make judgments on the nature of its derivatives and their effectiveness as hedges. These judgments determine if the changes in fair value of the derivative instruments are reported as a component of Net Income in the Consolidated Statements of Operations or as a component of Comprehensive Income in the Equity on the Consolidated Balance Sheets. While management believes its judgments are reasonable, a change in a derivative's effectiveness as a hedge could materially affect expenses, net income and equity. The Company accounts for the changes in the fair value of an effective hedge in other comprehensive income (loss) and subsequently reclassifies the balance from other comprehensive income (loss) to earnings over the term that the hedged transaction affects earnings. The Company accounts for the changes in the fair value of an ineffective hedge directly in earnings.

Stock-Based Compensation The Company applies the provisions of ASC 718 *Stock Compensation* which requires all share-based payments to be recognized in the Consolidated Statements of Operations based on their fair values. The Company grants various types of stock-based awards including stock options, restricted stock awards and performance-based awards. The fair value of stock option awards is determined using the Black-Scholes option-pricing model. Restricted stock awards are valued using the market price of the Company's common stock on the grant date. For performance-based awards, the fair value of the market-condition portion of the award is measured using a Monte Carlo simulation, and the performance-condition portion is measured at the market price of the Company's common stock on the grant date. The Company records compensation cost for stock-based compensation awards over the requisite service period. If the requisite service period is satisfied, compensation cost is not adjusted unless the award contains a performance condition. If an award contains a performance condition, expense is recognized only for those shares that ultimately vest using the per-share fair value measured at the grant date. The Company recognizes forfeitures as they occur. See Note 11 - *Stock-Based Compensation Plans* for additional information.

Revenue Recognition and Related Matters

Condominium Rights and Unit Sales Revenue from the sale of an individual unit in a condominium project is recognized at a point in time (i.e., the closing) when HHC satisfies the single performance obligation to construct a condominium project and transfer control of a completed unit to a buyer. The transaction price, which is the amount of consideration the Company receives upon delivery of the completed condominium unit to the buyer, is allocated to this single obligation and is received at closing less any amounts previously paid on deposit.

The Company receives cash payments in the form of escrowed condominium deposits from customers who have contracted to purchase a condominium unit based on billing schedules established in HHC's condominium purchase agreement contracts. The amounts are recorded in Restricted cash until released from escrow in accordance with the escrow agreement and on approval of HHC's lender to fund construction costs of a project. A corresponding condominium contract deposit liability is established at the date of receipt, representing a portion of HHC's unsatisfied performance obligation at each reporting date.

These deposits, along with the balance of the contract value, are recognized at closing upon satisfaction of HHC's performance obligation and transfer of title to the buyer. Real estate project costs directly associated with a condominium project, which are HHC's costs to fulfill contracts with condominium buyers, are capitalized while all other costs are expensed as incurred. Total estimated project costs include direct costs such as the carrying value of the land, site planning, architectural, construction and financing costs, as well as indirect cost allocations. The allocations include costs which clearly relate to the specific project, including certain infrastructure and amenity costs which benefit the project as well as others, and are based upon the relative sales value of the units. Costs incurred to sell condominium units are evaluated for capitalization in accordance with ASC 340-40, and incremental costs of obtaining and fulfilling a contract are capitalized only if the costs relate directly to a specifically identified contract, enhance resources to satisfy performance obligations in the future and are expected to be recovered.

Master Planned Community Land Sales Revenues from land sales are recognized at a point in time when the land sale closing process is complete. The transaction price generally has both fixed and variable components, with the fixed price stipulated in the contract and representative of a single performance obligation. See Builder Price Participation (BPP) below for a discussion of the variable component. The fixed transaction price, which is the amount of consideration received in full upon transfer of the land title to the buyer, is allocated to this single obligation and is received at closing of the land sale less any amounts previously paid on deposit.

The Company receives cash payments in the form of land purchase deposits from homebuilders or other commercial buyers who have contracted to purchase land within the Company's MPCs, and HHC holds any escrowed deposits in Restricted cash or Cash and cash equivalents based on the terms of the contract. In situations where the Company has completed the closing of a developed land parcel or superpad and consideration is paid in full, but a portion of HHC's performance obligation relating to the enhancement of the land is still unsatisfied, revenue related to HHC's obligation is recognized over time. The Company recognizes only the portion of the improved land sale where the improvements are fully satisfied based on a cost input method. The aggregate amount of the transaction price allocated to the unsatisfied obligation is recorded as deferred land sales and is presented in Accounts payable and accrued expenses. The Company measures the completion of HHC's unsatisfied obligation based on the costs remaining relative to the total cost at the date of closing.

When residential or commercial land is sold, the cost of sales includes actual costs incurred and estimates of future development costs benefiting the property sold. In accordance with ASC 970-360-30-1, when land is sold, costs are allocated to each sold superpad or lot based upon the relative sales value. For purposes of allocating development costs, estimates of future revenues and development costs are re-evaluated throughout the year, with adjustments being allocated prospectively to the remaining parcels available for sale. For certain parcels of land, including acquired parcels that the Company does not intend to develop or for which development was complete at the date of acquisition, the specific identification method is used to determine the cost of sales.

Builder Price Participation BPP is the variable component of the transaction price for certain Master Planned Communities Land Sales. BPP is earned when a developer that acquired land from HHC develops and sells a home to an end user at a price higher than a predetermined breakpoint. The excess over the breakpoint is shared between HHC and the developer at the time of closing on the sale of the home based on a percentage previously agreed upon. The Company concluded that as of December 31, 2021, BPP was constrained, as discussed below, and accordingly, the Company did not recognize an estimate of variable consideration. The Company's conclusion is based on the following factors:

- BPP is highly susceptible to factors outside HHC's influence such as unemployment and interest rates
- the time between the sale of land to a homebuilder and closing on a completed home can take up to three years
- there is significant variability in home pricing from period to period

The Company evaluates contracts with homebuilders with respect to BPP at each reporting period to determine whether a change in facts and circumstances has eliminated the constraint and will record an estimate of BPP revenue, if applicable.

For Condominium Rights and Unit Sales, Master Planned Community Land Sales and Builder Price Participation the Company elected the practical expedient to not adjust promised amount of consideration for the effects of a significant financing component when the period between transfer of the promised asset and payment is expected to be one year or less.

Rental Revenues Revenue associated with the Company's operating assets includes minimum rent, percentage rent in lieu of fixed minimum rent, tenant recoveries and overage rent.

Minimum rent revenues are recognized on a straight-line basis over the terms of the related leases when collectability is reasonably assured and the tenant has taken possession of, or controls, the physical use of the leased asset. Percentage rent in lieu of fixed minimum rent is recognized as sales are reported from tenants. Minimum rent revenues reported on the Consolidated Statements of Operations also include amortization related to above and below-market tenant leases on acquired properties.

Recoveries from tenants are stipulated in the leases, are generally computed based upon a formula related to real estate taxes, insurance and other real estate operating expenses, and are generally recognized as revenues in the period the related costs are incurred.

Overage rent is recognized on an accrual basis once tenant sales exceed contractual thresholds contained in the lease and is calculated by multiplying the tenant sales in excess of the minimum amount by a percentage defined in the lease.

If the lease provides for tenant improvements, the Company determines whether the tenant improvements are owned by the tenant or by HHC. When HHC is the owner of the tenant improvements, rental revenue begins when the improvements are substantially complete. When the tenant is the owner of the tenant improvements, any tenant allowance funded by the Company is treated as a lease incentive and amortized as an adjustment to rental revenue over the lease term.

Other Land, Rental and Property Revenues - Over Time and Point in Time Other land revenues recognized over time include ground maintenance revenue, homeowner association management fee revenue and revenue from providing exclusive cable and internet services at the Company's MPCs for the benefit of the tenants and owners of the communities. These revenues are recognized over time, as time elapses. The amount of consideration and the duration are fixed, as stipulated in the related agreements, and represent a single performance obligation.

Other land revenues also include transfer fees on the secondary sales of homes in MPCs, forfeitures of earnest money deposits by buyers of HHC's condominium units and other miscellaneous items. These items are recognized at a point in time when the real estate closing process is complete or HHC has a legal right to the respective fee or deposit.

Other rental and property revenues related to contracts with customers is generally comprised of baseball related ticket sales, retail operations, food sales, advertising and sponsorships. Season ticket sales are recognized over time as games take place. Single tickets and total net sales from retail operations are recognized at a point in time, at the time of sale when payment is received and the customer takes possession of the merchandise. In all cases, the transaction prices are fixed, stipulated in the ticket, contract or product, and representative in each case of a single performance obligation. Events-related service revenue is recorded at the time the customer receives the benefit of the service.

Hospitality revenues were recognized at a point in time in accordance with the pattern of each related service. Lodging was recognized on daily increments, while retail services such as food and beverage were recognized at the point of sale. The transaction price was fixed, clearly stipulated and representative of a single performance obligation in all cases. The duration of all contracts with customers of HHC's hospitality lodging and related services were generally short. In September 2021, the Company completed the sale of its three hospitality properties.

Baseball-related and other sponsorships generally cover a season or contractual period of time, and the related revenue is generally recognized on a straight-line basis over time, as time elapses, unless a specific performance obligation exists within the sponsorship contract where point-in-time delivery occurs and recognition at a specific performance or delivery date is more appropriate. Advertising and sponsorship agreements that allow third parties to display their advertising and products at HHC's venues for a certain amount of time relate to a single performance obligation, consideration terms for these services are fixed in each respective agreement, and HHC generally recognizes the related revenue on a straight-line basis over time, as time elapses.

Noncontrolling Interests As of December 31, 2021 and 2020, Noncontrolling interests is primarily related to the Ward Village Homeowners' Associations (HOAs). All revenues and expenses related to the HOAs are attributable to noncontrolling interests and do not impact net income attributable to common stockholders.

Redeemable Noncontrolling Interest As of December 31, 2021 and 2020, Redeemable noncontrolling interest relates to a local developer's interest in the 110 North Wacker project. This noncontrolling interest holder has the right to require the Company to purchase its interest if 110 North Wacker has not been sold or refinanced (with distributions made to the local developer and Company sufficient to repay all capital contributions) by a certain date. As exercise of this put right is outside of the Company's control, the noncontrolling interest is presented as redeemable noncontrolling interest outside of stockholders' equity on the Consolidated Balance Sheets. See Note 2 - *Investments in Real Estate and Other Affiliates* for additional information.

Financial Instruments - Credit Losses The Company is exposed to credit losses through the sale of goods and services to the Company's customers. Receivables held by the Company primarily relate to short-term trade receivables and financing receivables, which include MUD receivables, SID bonds, TIF receivables, net investments in lease receivables, and notes receivable. The Company assesses its exposure to credit loss based on historical collection experience and future expectations by portfolio segment. Historical collection experience is evaluated on a quarterly basis by the Company.

The amortized cost basis of financing receivables, consisting primarily of MUD and SID receivables, totaled \$484.7 million as of December 31, 2021, and \$374.2 million as of December 31, 2020. The MUD receivable balance includes accrued interest of \$18.2 million at December 31, 2021 and \$15.7 million at December 31, 2020. The allowance for credit losses for financing receivables was not material as of December 31, 2021 and 2020, and there was no material activity related to the allowance for credit losses for the year ended December 31, 2021.

Financing receivables are considered to be past due once they are 30 days contractually past due under the terms of the agreement. The Company currently does not have significant financing receivables that are past due or on nonaccrual status. There have been no significant write-offs or recoveries of amounts previously written-off during the current period for financing receivables.

Recently Issued Accounting Standards The following is a summary of recently issued and other notable accounting pronouncements which relate to the Company's business.

ASU 2020-04, Reference Rate Reform The amendments in this Update provide optional expedients and exceptions for applying GAAP to contracts, hedging relationships, and other transactions affected by reference rate reform when certain criteria are met. The amendments in this Update apply only to contracts, hedging relationships, and other transactions that reference LIBOR or another reference rate expected to be discontinued because of reference rate reform. The expedients and exceptions provided by the amendments do not apply to contract modifications made and hedging relationships entered into or evaluated after December 31, 2022, except for hedging relationships existing as of December 31, 2022, for which an entity has applied certain optional expedients, that are retained through the end of the hedging relationship. The amendments in this Update are effective as of March 12, 2020, through December 31, 2022. The guidance in ASU 2020-04 is optional and may be elected over time as reference rate reform activities occur. During the first quarter of 2020, the Company has elected to apply the hedge accounting expedients related to probability and the assessments of effectiveness for future LIBOR-indexed cash flows to assume that the index upon which future hedge transactions will be based matches the index on the corresponding derivatives. Application of these expedients preserves the presentation of derivatives consistent with past presentation. The Company continues to evaluate the impact of the guidance and may apply other elections as applicable as additional changes in the market occur. An entity may elect to apply the amendments for contract modifications by Topic or Industry Subtopic as of any date from the beginning of an interim period that includes or is subsequent to March 12, 2020, or prospectively from a date within an interim period that includes or is subsequent to March 12, 2020, up to the date that the financial statements are available to be issued.

2. Investments in Real Estate and Other Affiliates

As of December 31, 2021, the Company does not consolidate the investments below as it does not have the power to direct the activities that most significantly impact the economic performance of the ventures and does not have a controlling interest in these investments. As a result, the Company reports its interests in accordance with the equity method. As of December 31, 2021, these ventures had mortgage financing totaling \$671.5 million, with the Company's proportionate share of this debt totaling \$295.5 million. All of this indebtedness is without recourse to the Company, with the exception of \$100.6 million related to 110 North Wacker.

Investments in real estate and other affiliates are reported as follows:

	Economic/Legal Ownership		Carrying Value		Share of Earnings/Dividends		
	December 31, 2021	December 31 2020	December 31, 2021	December 31 2020	Year Ended 2021	Year Ended 2020	December 31, 2019
<i>thousands except percentages</i>							
Equity Method Investments							
Operating Assets							
110 North Wacker (a)(b)	see below	see below	\$ 194,999	\$ 261,143	\$ (74,309)	\$ (13,896)	\$ —
The Metropolitan Downtown Columbia (c)	50.0 %	50.0 %	—	—	582	765	694
Stewart Title of Montgomery County, TX	50.0 %	50.0 %	4,185	3,924	1,860	1,250	1,105
Woodlands Sarofim #1	20.0 %	20.0 %	3,215	3,120	96	125	125
m.flats/TEN.M (d)	50.0 %	50.0 %	—	1,247	974	666	(1,875)
Master Planned Communities							
The Summit (e)	see below	see below	41,536	96,300	59,407	17,845	28,336
Trillium (e)	50.0 %	— %	59,080	—	(8)	—	—
Seaport							
Mr. C Seaport (f)	— %	— %	—	—	—	(6,900)	(1,980)
The Lawn Club (e)	see below	see below	447	—	—	—	—
Ssäm Bar (Momofuku) (e)	see below	see below	5,852	7,101	(1,988)	(2,392)	(612)
Strategic Developments							
Circle T Ranch and Power Center (g)	— %	— %	—	—	—	2,463	950
HHMK Development	50.0 %	50.0 %	10	10	—	—	—
KR Holdings	50.0 %	50.0 %	127	347	(221)	(69)	263
West End Alexandria (e)	see below	see below	56,546	—	—	—	—
110 North Wacker (a)	see below	see below	—	—	—	267,518	—
			365,997	373,192	(13,607)	267,375	27,006
Other equity investments (h)			3,952	3,953	3,755	3,724	3,623
Investments in real estate and other affiliates			\$ 369,949	\$ 377,145	\$ (9,852)	\$ 271,099	\$ 30,629

- (a) During the third quarter of 2020, 110 North Wacker was completed and placed in service. This triggered a reconsideration event that resulted in the deconsolidation of 110 North Wacker and the recognition of the retained equity method investment at fair market value. The \$267.5 million gain on deconsolidation was recorded in the Strategic Developments segment and the equity method investment was transferred from the Strategic Development segment to the Operating Asset segment. Refer to the discussion below for additional details.
- (b) During the fourth quarter of 2021, the Company recognized a \$17.7 million impairment related to its investment in 110 North Wacker. See Note 4 - *Impairment* for additional information.
- (c) The Metropolitan Downtown Columbia was in a deficit position of \$11.3 million at December 31, 2021, and \$5.0 million at December 31, 2020, due to distributions from operating cash flows in excess of basis. These deficit balances are presented in Accounts payable and accrued expenses at December 31, 2021 and 2020. The increase in the deficit balance is primarily due to a \$5.0 million distribution in the third quarter of 2021.
- (d) M.flats/TEN.M was in a deficit position of \$6.0 million at December 31, 2021, due to distributions from operating cash flows in excess of basis. The deficit balance is presented in Accounts payable and accrued expenses at December 31, 2021.
- (e) Refer to the discussion below for details on the ownership structure.
- (f) During the third quarter of 2020, the Company completed the sale of its 35% equity investment in Mr. C Seaport.
- (g) During the fourth quarter of 2020, the Company completed the sale of its 50% equity investment in Circle T Ranch and Power Center.
- (h) Other equity investments represent equity investments not accounted for under the equity method. The Company elected the measurement alternative as these investments do not have readily determinable fair values. See Note 1 - *Summary of Significant Accounting Policies* for additional information. There were no impairments, or upward or downward adjustments to the carrying amounts of these securities either during current year 2021, or cumulatively.

Significant activity for Investments in real estate and other affiliates and the related accounting considerations are described below.

110 North Wacker The Company formed a partnership with a local developer (the Partnership) during the second quarter of 2017. During the second quarter of 2018, the Partnership executed an agreement with USAA related to 110 North Wacker (collectively, the local developer and USAA are the Partners) to construct and operate the building at 110 North Wacker (the Venture).

The Partnership was determined to be a VIE, and as the Company has the power to direct the activities of the Partnership that most significantly impact its economic performance, the Company is considered the primary beneficiary and consolidates the Partnership. Additionally, the noncontrolling interest holder has the right to require the Company to purchase its interest in the Partnership if the Venture has not been sold or refinanced (with distributions made to the local developer and Company sufficient to repay all capital contributions), at the later of (1) the third anniversary of the issuance of the certificate of occupancy for the project or (2) the fifth anniversary of the effective date of the Partnership's LLC agreement. Therefore, the local developer's redeemable noncontrolling interest in the Partnership is presented as temporary equity on the Consolidated Balance Sheets. As of December 31, 2021, the time restriction has not been met, and the Company believes it is not probable that the put will be redeemed. As such, the redeemable noncontrolling interest is measured at the initial carrying value plus net income (loss) attributable to the noncontrolling interest and is not adjusted to fair value.

The following table presents changes in Redeemable noncontrolling interest:

<i>thousands</i>	Redeemable Noncontrolling Interest	
Balance as of December 31, 2019	\$	—
Reclassification of redeemable noncontrolling interest to temporary equity		6,091
Net income (loss) attributable to noncontrolling interest		22,881
Share of investee's other comprehensive income		142
Balance as of December 31, 2020	\$	29,114
Net income (loss) attributable to noncontrolling interest		(7,431)
Share of investee's other comprehensive income		817
Balance as of December 31, 2021	\$	22,500

Upon execution of the Venture in the second quarter of 2018, the Company contributed land with a carrying value of \$33.6 million and an agreed upon fair value of \$85.0 million, the local developer contributed \$5.0 million in cash and USAA contributed \$64.0 million in cash. USAA was required to fund up to \$105.6 million in addition to its initial contribution. HHC and the local developer also had additional cash funding requirements and contributed \$9.8 million and \$1.1 million, respectively, during 2018. The Company and its Partners entered into a construction loan agreement further described in Note 7 - *Mortgages, Notes and Loans Payable, Net*. Any further cash funding requirements by the Partnership were eliminated when the construction loan increased on May 23, 2019. Concurrently with the increase in the construction loan, USAA agreed to fund an additional \$8.8 million, for a total commitment of \$178.4 million. No changes were made to the rights of either the Company or the Partners under the construction loan agreement.

The Company concluded that the Venture was within the scope of the VIE model, and that it was the primary beneficiary of the Venture during the development phase of the project because it had the power to direct activities that most significantly impact the Venture's economic performance, however, upon the building's completion, the Company expected to recognize the investment under the equity method. As the primary beneficiary of the VIE during the development phase, the Company has consolidated 110 North Wacker and its underlying entities since the second quarter of 2018. During the third quarter of 2020, 110 North Wacker was completed and placed in service, triggering a reconsideration event. Upon development completion, the Company concluded it is no longer the primary beneficiary and as such, should no longer consolidate the Venture. As there have been no changes to the structure and control of the Partnership with the local developer, the Company will continue to consolidate the Partnership.

As of September 30, 2020, the Company derecognized all assets, liabilities and noncontrolling interest related to the Venture that were previously consolidated and recognized an equity method investment of \$273.6 million based on the fair value of its interest in 110 North Wacker. The Company recognized a gain of \$267.5 million attributable to the initial fair value step-up at the time of deconsolidation, which is included in Equity in earnings (losses) from real estate and other affiliates on the Consolidated Statements of Operations and reported in the Strategic Developments segment for the year ended December 31, 2020. The Company utilized a third-party appraiser to measure the fair value of 110 North Wacker on an as-is basis at September 30, 2020, using the discounted cash flow approach and sales comparison approach, based on current market assumptions. Also as a result of the deconsolidation, the Company recognized an additional \$15.4 million attributable to the recognition of previously eliminated development management fees, which is included in Other land, rental and property revenues on the Consolidated Statements of Operations and reported in the Strategic Developments segment for the year ended December 31, 2020. The remaining equity method investment was transferred from the Strategic Development segment to the Operating Asset segment as of September 30, 2020.

Given the nature of the Venture's capital structure and the provisions for the liquidation of assets, the Company's share of the Venture's income-producing activities is recognized based on the Hypothetical Liquidation at Book Value (HLBV) method. Under this method, the Company recognizes income or loss in Equity in earnings from real estate and other affiliates based on the change in its underlying share of the Venture's net assets on a hypothetical liquidation basis as of the reporting date. After USAA receives a 9.0% preferred return on its capital contribution, the Partnership is entitled to cash distributions from the Venture until it receives a 9.0% return on its capital account, calculated as the initial land contribution of \$85.0 million and cash contribution of \$5.0 million, plus subsequent cash contributions and less subsequent cash distributions. Subsequently, USAA is entitled to cash distributions equal to 11.11% of the amount distributed to the Partnership that resulted in a 9.0% return. Thereafter, the Partnership and USAA are entitled to distributions *pari passu* to their profit ownership interests of 90% and 10%, respectively.

The Lawn Club On January 19, 2021, the Company formed HHC Lawn Games, LLC with The Lawn Club NYC, LLC (Endorphin Ventures), to construct and operate an immersive indoor and outdoor restaurant that includes an extensive area of indoor grass, a stylish clubhouse bar and a wide variety of lawn games. This concept is expected to open in the summer of 2022. Under the terms of the agreement, the Company will fund 80% of the cost to construct the restaurant, and Endorphin Ventures will contribute the remaining 20%. The Company also entered into a lease agreement with HHC Lawn Games, LLC (Lease Agreement) to lease 20,000 square feet of the Fulton Market Building for this venture. The Company will report its ownership interest in accordance with the equity method.

Available cash will be distributed 80% to the Company and 20% to Endorphin Ventures until each member's unreturned capital account has been reduced to zero. Distributions will then be allocated 60% to the Company and 40% to Endorphin Ventures until the amounts paid to the Company under the Lease Agreement and the aggregate amounts distributed to the Company equal \$100 per square foot of the property on an annual basis. Any remaining cash will be distributed equally between both members. Given the nature of The Lawn Club's capital structure and the provisions for the liquidation of assets, the Company's share of The Lawn Club's income-producing activities will be recognized based on the HLBV method.

Ssäm Bar (formerly Bar Wayō) During the first quarter of 2016, the Company formed Pier 17 Restaurant C101, LLC (Bar Wayō) with Momofuku Pier, LLC (Momofuku), an affiliate of the Momofuku restaurant group, to construct and operate a restaurant and bar at Pier 17 in the Seaport. Under the terms of the agreement, the Company will fund 89.75% of the costs to construct the restaurant, and Momofuku will contribute the remaining 10.25%. In 2021, Bar Wayō was rebranded as the Ssäm Bar.

As of December 31, 2021 and 2020, Ssäm Bar is classified as a VIE because the equity holders, as a group, lack the characteristics of a controlling financial interest. The carrying value of Ssäm Bar as of December 31, 2021, is \$5.9 million and is classified as Investments in real estate and other affiliates in the Consolidated Balance Sheets. The Company's maximum exposure to loss as a result of these investments is limited to the aggregate carrying value of the investments as the Company has not provided any guarantees or otherwise made firm commitments to fund amounts on behalf of this VIE.

After each member receives a 10% preferred return on its capital contributions, available cash will be allocated 75% to the Company and 25% to Momofuku, until each member's unreturned capital account has been reduced to zero. Any remaining cash will be distributed 50% to each of the members. Given the nature of the Ssäm Bar's capital structure and the provisions for the liquidation of assets, the Company's share of the Ssäm Bar's income-producing activities is recognized based on the HLBV method.

The Summit During the first quarter of 2015, the Company formed DLV/HHPI Summerlin, LLC (The Summit) with Discovery Land Company (Discovery). The Company contributed land with a carrying value of \$13.4 million and transferred SID bonds related to such land with a carrying value of \$1.3 million to The Summit at the agreed upon capital contribution value of \$125.4 million, or \$226,000 per acre and has no further capital obligations. Discovery is required to fund up to a maximum of \$30.0 million of cash as their capital contribution, of which \$3.8 million has been contributed. The gains on the contributed land are recognized in Equity in earnings from real estate and other affiliates as The Summit sells lots.

As of December 31, 2021, the Company has received cash distributions equal to its capital contribution of \$125.4 million and a 5.0% preferred return on such capital contribution, and Discovery has received cash distributions equal to two times its equity contribution. Any further cash distributions and income producing activities will be recognized according to equity ownership with HHC receiving 50% and Discovery receiving 50%. As of December 31, 2021, HHC has received \$179.1 million in total distributions and Discovery has received \$27.0 million in total distributions.

Trillium In the fourth quarter of 2021, simultaneous with the Douglas Ranch land acquisition, the Company entered into a Limited Liability Company Agreement (LLC Agreement) with JDM Partners and El Dorado Holdings to form Trillium Development Holding Company, LLC (Trillium) for the purpose of developing the first village within the new Douglas Ranch MPC in Phoenix's West Valley. Refer to Note 3 - *Acquisitions and Dispositions* for additional details on the Douglas Ranch acquisition.

Within the 3,029-acre Trillium development located in the greater Phoenix, Arizona area (Trillium Property), JDM Partners owned approximately 2,579 acres and El Dorado Holdings owned approximately 450 acres. Simultaneously with the LLC Agreement, all parties executed the Contribution and Purchase Agreement under which the Company acquired a 50% interest in the land owned by JDM Partners and a 50% interest in the land owned by El Dorado Holdings for \$59.0 million, and immediately contributed its ownership interest in the property to Trillium in exchange for a 50% equity interest. At the same time, JDM Partners contributed its remaining 50% interest in the land and El Dorado Holdings contributed its remaining 50% interest in the land to Trillium in exchange for the remaining equity interest. Subsequent to these contributions, member equity interest in Trillium was 50% for the Company, 42.5% for JDM Partners and 7.5% for El Dorado Holdings. The Company will report its ownership interest in accordance with the equity method. Under the terms of the agreement, all future capital contributions, cash distributions and the recognition of income producing activities will be pro rata based on economic ownership interest. The first Trillium land sales are expected to occur in the first half of 2022.

West End Alexandria In the fourth quarter of 2021, the Company entered into an Asset Contribution Agreement with Foulger-Pratt Development, LLC (Foulger-Pratt) and Seritage SRC Finance (Seritage). Prior to this agreement, Foulger-Pratt owned 100% interest in Landmark Land Holdings, LLC (West End Alexandria). Pursuant to this agreement, the Company conveyed its 33-acre Landmark Mall property with an agreed upon fair value of \$56.0 million and Seritage conveyed an additional 19 acres of land with an agreed upon fair value of \$30 million to West End Alexandria in exchange for equity interest. Additionally, Foulger-Pratt agreed to contribute \$10 million to West End Alexandria. Subsequent to these conveyances and contributions, each member received an equity interest proportionate to the agreed upon values, defined as 58.33% for the Company, 31.25% for Seritage, and 10.42% for Foulger-Pratt.

Also in the fourth quarter of 2021, West End Alexandria executed a Purchase and Sale Agreement with the City of Alexandria to sell approximately 11 acres to the City of Alexandria for \$54.0 million. The City will lease this land to Inova Health Care Services for construction of a new hospital.

Development plans for the remaining 41 acre property includes approximately four million square feet of residential, retail, commercial, and entertainment offerings integrated into a cohesive neighborhood with a central plaza, a network of parks and public transportation. Demolition is set to begin in Spring 2022, with completion of the first buildings expected in 2025.

Each member is entitled to a 10% return on their respective capital contributions, which is allocated pro rata in accordance with their respective percentage interest. Next, 20% to Foulger-Pratt, and 80% to all members in accordance with their respective percentage interests, until each member has received an internal rate of return of 15% on its capital contributions. After which 100% will be allocated to Foulger-Pratt equal to any unreturned contributions made by Foulger-Pratt to cover controllable cost overruns. Lastly, 30% to Foulger-Pratt, and 70% to all members pro rata in accordance with their respective percentage interests. Given the nature of the venture's capital structure and the provisions for the liquidation of assets, the Company's share of income-producing activities is recognized based on the HLBV method.

Summarized Financial Information The following tables include relevant summarized financial statement information for all equity method investments:

<i>thousands</i>	The Summit (a)(b)(c)	110 North Wacker (d)	Other Investments (e)
Balance Sheet			
December 31, 2021			
Total Assets	\$ 225,133	\$ 707,005	\$ 510,756
Total Liabilities	169,814	515,665	233,368
Total Equity	55,319	191,340	277,388
December 31, 2020			
Total Assets	\$ 310,855	\$ 634,274	\$ 247,742
Total Liabilities	209,968	415,452	166,418
Total Equity	100,887	218,822	81,324
Income Statement			
Year ended December 31, 2021			
Revenues	\$ 302,174	\$ 38,699	\$ 36,964
Gross Margin	116,641	n/a	n/a
Operating Income	n/a	8,525	20,305
Net income (loss)	95,604	(36,556)	10,856
Year Ended December 31, 2020			
Revenues	\$ 148,822	\$ 5,333	\$ 36,450
Gross Margin	29,012	n/a	n/a
Operating Income	n/a	(3,148)	17,100
Net income (loss)	21,924	(8,236)	11,220
Year Ended December 31, 2019			
Revenues	\$ 120,337	\$ —	\$ 42,778
Gross Margin	32,205	n/a	n/a
Operating Income	n/a	—	16,085
Net income (loss)	26,298	—	5,162

- (a) The Summit adopted ASU 2014-09, *Revenues from Contracts with Customers (Topic 606)* effective in the fourth quarter of 2019 using the modified retrospective transition method. Therefore, for 2019, revenues allocated to each of The Summit's performance obligations is recognized over time based on an input measure of progress. Prior period amounts have not been adjusted and are recognized on a percentage of completion basis. The Summit's adoption of ASU 2014-09 did not have a material impact on the Company's consolidated financial statements.
- (b) The decrease in Total Equity for The Summit is primarily the result of distributions made in the second quarter of 2021.
- (c) The increase in Revenues for The Summit is due to an increase in units closed, with 46 units closed during the year ended December 31, 2021, compared to 29 units closed for the year ended December 31, 2020.
- (d) The income statement amounts for 110 North Wacker only include activity for the three months ended December 31, 2020, to correspond with the period it was accounted for under the equity method. Losses for 2021 and 2020 are the result of the asset still being in the lease-up period.
- (e) Other Investments includes Trillium, West End Alexandria, The Metropolitan Downtown Columbia, Stewart Title, Woodlands Sarofim #1, m.flats / TEN.M, Ssäm Bar, Mr. C Seaport, Circle T Ranch and Power, HHMK Development and KR Holdings. As the Company sold its interests Mr. C Seaport and Circle T Ranch and Power in 2020, the income statement amounts only include activity through the date of sale and the balance sheet amounts do not include balances for these assets as of December 31, 2021 or 2020. Increases in the balance sheet amounts are primarily related to the acquisitions of interests in Trillium and West End Alexandria in 2021, as discussed above.

3. Acquisitions and Dispositions

Acquisitions In October 2021, HHC announced the launch of Douglas Ranch, a new large-scale master planned community in the West Valley of Phoenix, Arizona. The Company closed on the all-cash purchase of approximately 33,810 acres for a purchase price of \$541.0 million. The purchase price includes an option for the seller, JDM Partners, to reacquire a 50% interest in the property for an additional \$236.8 million, with \$33.8 million of the original purchase price being credited to the seller upon exercise of the option for a total capital contribution of \$270.6 million. If the option is not exercised by the seller within six months, the \$33.8 million will be returned to the Company. Simultaneous with the land acquisition, the Company closed on the acquisition of a 50% interest in Trillium Development Holding Company, LLC, for \$59.0 million. Trillium Development Holding Company, LLC owns approximately 3,029 acres of land in the greater Phoenix, Arizona area. In total, the Douglas Ranch MPC encompasses almost 37,000 fully-entitled, “shovel-ready” acres and is poised for growth with in-place entitlements for 100,000 residential homes and 55 million square feet of commercial development.

There were no acquisitions during 2020.

Dispositions On December 22, 2021, the Company completed the sale of Century Park, a 63-acre, 1,302,597 square foot campus with 17 office buildings in the West Houston Energy Corridor for \$25.0 million. The carrying value of the property was approximately \$32.0 million. Loss on sale of \$7.4 million is calculated as the difference between the sale price and the asset's carrying value, less related transaction costs of approximately \$0.4 million. The loss on sale is included in Gain (loss) on sale or disposal of real estate and other assets, net in the Statements of Operations for the year ended December 31, 2021. This asset was previously impaired during the second quarter of 2021. Refer to Note 4 - *Impairment* for additional information.

On September 16, 2021, the Company completed the sale of The Woodlands Resort, The Westin at The Woodlands and Embassy Suites at Hughes Landing for \$252.0 million. These hospitality properties, located in The Woodlands, contained a total of 909 rooms. The carrying value of the properties was approximately \$210.0 million at the time of sale. Gain on sale of \$39.1 million is calculated as the difference between the sale price and the asset's carrying value, less related transaction costs of approximately \$2.9 million. The gain on sale is included in Gain (loss) on sale or disposal of real estate and other assets, net in the Statements of Operations for the year ended December 31, 2021. Additionally, as part of the sale, the Company repaid \$132.3 million of debt directly associated with the properties sold. Income (loss) before taxes for these properties consisted of losses of \$6.4 million for the year ended December 31, 2021, and \$12.5 million for the year ended December 31, 2020.

On May 7, 2021, the Company completed the sale of Monarch City, a property comprised of approximately 229 acres of undeveloped land in Collin County, Texas, for \$51.4 million. The carrying value of the property was approximately \$28.7 million at the time of sale. Gain on sale of \$21.3 million is calculated as the difference between the sale price and the asset's carrying value, less related transaction costs of approximately \$1.5 million. The gain on sale is included in Gain (loss) on sale or disposal of real estate and other assets, net in the Statements of Operations for the year ended December 31, 2021.

On December 18, 2020, the Company completed the sale to its joint venture partner of its 50% equity method investment in Circle T Ranch and Power Center, a joint venture with Westlake Retail Associates for \$13.0 million. The carrying value of the asset at the time of sale was approximately \$11.9 million and the Company recognized a gain on sale of \$1.1 million which is included in Equity in earnings (losses) from real estate and other affiliates on the Consolidated Statements of Operations.

On November 20, 2020, the Company completed the sale of its Elk Grove asset, a 64-acre land parcel in the City of Elk Grove, California, for \$24.6 million. The carrying value of the asset at the time of sale was approximately \$10.8 million and the Company recognized a gain on sale of \$13.7 million which is included in Gain (loss) on sale or disposal of real estate and other assets, net on the Consolidated Statements of Operations.

On July 16, 2020, the Company completed the sale to its joint venture partner of its 35% equity investment in Mr. C Seaport, a 66-room boutique hotel located at 33 Peck Slip, New York, in close proximity to the Seaport, for \$0.8 million. The carrying value at the time of sale approximated the sales price. Refer to Note 2 - *Investments in Real Estate and Other Affiliates* and Note 4 - *Impairment* for additional information.

On June 29, 2020, the Company entered into an agreement terminating a participation right contained in the contract for the sale of West Windsor that occurred in October 2019, as discussed below. As consideration, the Company received an \$8.0 million termination payment in 2020, which is included in Gain (loss) on sale or disposal of real estate and other assets, net on the Consolidated Statements of Operations for the year ended December 31, 2021.

On March 13, 2020, the Company closed on the sale of its property at 100 Fellowship Drive, a 13.5-acre land parcel and 203,257-square-foot build-to-suit medical building with approximately 550 surface parking spaces in The Woodlands, Texas, for a total sales price of \$115.0 million. The sale of 100 Fellowship Drive resulted in an additional gain of \$38.3 million in the first quarter of 2020, which is included in Gain (loss) on sale or disposal of real estate and other assets, net on the Consolidated Statements of Operations. This gain was in addition to \$13.5 million of Selling profit from the sales-type lease recognized on the Consolidated Statements of Operations as of December 31, 2019. The Company had previously entered into a lease agreement related to this property in November of 2019, and at lease commencement, the Company derecognized \$63.7 million from Developments and recorded an initial net investment in lease receivable of \$75.9 million on the Consolidated Balance Sheets.

The carrying value of the net investment in lease receivable related to 100 Fellowship Drive was approximately \$76.1 million at the time of sale. Gain on sale is calculated as the difference between the purchase price of \$115.0 million, and the asset's carrying value, less related transaction costs of approximately \$0.2 million. Contemporaneous with the sale, the Company credited to the buyer approximately \$0.6 million for operating account funds and the buyer's assumption of the related liabilities. After the sale, the Company had no continuing involvement in this lease. After repayment of debt associated with the property, the sale generated approximately \$64.2 million in net proceeds, which are presented as cash inflows from operating activities in the Consolidated Statements of Cash Flows for the year ended December 31, 2021.

On December 20, 2019, the Company sold its 90.5% share in Bridges at Mint Hill, a joint venture to develop a shopping center southeast of Charlotte, North Carolina, for \$9.5 million. Prior to the sale, the Company accounted for its investment in Bridges at Mint Hill, which was in the Strategic Developments segment, as a consolidated joint venture. The carrying value of assets acquired by the purchaser and deconsolidated from the Company's financial statements total \$22.0 million; liabilities assumed and deconsolidated were not meaningful; and noncontrolling interest deconsolidated from the Company's financial statements totaled \$3.8 million. The Company recognized a pre-tax loss of \$8.8 million which is included in Gain (loss) on sale or disposal of real estate and other assets, net on the Consolidated Statements of Operations.

On October 29, 2019, the Company closed on the sale of West Windsor, a 658-acre parcel of land located in West Windsor, New Jersey, for \$40.0 million. The carrying value of assets acquired by the purchaser total \$27.5 million; no liabilities were assumed. As a result of the sale, the Company recorded a \$12.0 million pre-tax gain which is included in Gain (loss) on sale or disposal of real estate and other assets, net on the Consolidated Statements of Operations.

On September 16, 2019, the Company closed on the sale of Cottonwood Mall, a 196,975 square foot building and 54-acre land parcel in Holladay, Utah. The Company sold the asset for a total sales price of \$46.0 million, resulting in a pre-tax gain of \$24.1 million which is included in Gain (loss) on sale or disposal of real estate and other assets, net on the Consolidated Statements of Operations. The carrying value of assets acquired by the purchaser total \$21.5 million; no liabilities were assumed. As consideration, the Company received a \$10.0 million down payment from the purchaser and recorded a \$36.0 million note receivable for the remainder at time of sale. The receivable was subsequently collected during the year ended December 31, 2020.

4. Impairment

The Company reviews its long-lived assets for potential impairment indicators whenever events or changes in circumstances indicate that the carrying amount may not be recoverable. Impairment or disposal of long-lived assets in accordance with ASC 360 requires that if impairment indicators exist and expected undiscounted cash flows generated by the asset over an anticipated holding period are less than its carrying amount, an impairment provision should be recorded to write down the carrying amount of the asset to its fair value. The impairment analysis does not consider the timing of future cash flows and whether the asset is expected to earn an above- or below-market rate of return.

During the second quarter of 2021, the Company recorded a \$13.1 million impairment charge for Century Park, which is included in Provision for impairment on the Consolidated Statements of Operations. The Century Park asset includes both building and land components. The impairment relates to the building component, while the land component was not impaired. Century Park is a 63-acre, 1.3 million square foot campus with 17 office buildings in the West Houston Energy Corridor, a non-core asset acquired as part of the acquisition of The Woodlands Towers at The Waterway. The Company recognized an impairment due to decreases in estimated future cash flows and as a result of the impact of a shorter than anticipated holding term. The Company used weighted market and income valuation techniques to estimate the fair value of Century Park. Market valuation was based on recent sales of similar commercial properties in and around Houston, Texas. For the income approach, the Company utilized a capitalization rate of 8.75%, and probability weighted scenarios assuming lease-up periods ranging from 24 months to 48 months, and management's estimate of future lease income and carry costs. In December 2021, the Company completed the sale of Century Park. See Note 3 - Acquisitions and Dispositions for additional details regarding the sale.

During the first quarter of 2020, the Company recorded a \$48.7 million impairment charge for Outlet Collection at Riverwalk, a 273,270-square-foot urban upscale outlet center located along the Mississippi River in downtown New Orleans, LA. The Company recognized the impairment due to decreases in estimated future cash flows as a result of the impact of a shorter than anticipated holding term due to management's plans to divest the non-core operating asset, decreased demand and reduced interest in brick and mortar retail due to the impact of COVID-19, as well as an increase in the capitalization rate used to evaluate future cash flows due to the impact of COVID-19. The \$46.8 million net carrying value of Outlet Collection at Riverwalk, after the impairment, represents the estimated fair market value at March 31, 2020, at the time of the impairment assessment. The Company used a discounted cash flow analysis using a capitalization rate of 10% to determine fair value. There can be no assurance that the Company will ultimately recover the fair value amounts of Outlet Collection at Riverwalk through sales of these assets. Refer to Note 8 - Fair Value for additional information.

Each Investment in real estate and other affiliates discussed in Note 2 - *Investments in Real Estate and Other Affiliates* is evaluated periodically for recoverability and valuation declines that are other-than-temporary. If the decrease in value of an investment in a real estate and other affiliate is deemed to be other-than-temporary, the investment in such Real estate and other affiliates is reduced to its estimated fair value. In 2021, the Company recorded a \$17.7 million impairment of its equity investment in 110 North Wacker, a 1,491,651 square foot office building located in Chicago. The Company recognized the impairment due to a change in the anticipated holding period as the Company entered into a plan to sell its interest in 110 North Wacker. In 2020, the Company recorded a \$6.0 million impairment of its equity investment in Mr. C Seaport, a 66-room boutique hotel located at 33 Peck Slip in close proximity to the Seaport. The Company recognized the impairment due to a change in the anticipated holding period as the Company entered into a plan to sell its 35% equity investment in Mr. C Seaport to its venture partners for \$0.8 million. In July 2020, the Company completed the sale of its interest in Mr. C Seaport. See Note 3 - *Acquisitions and Dispositions* for additional details regarding the sale. The impairment loss is presented in Equity in earnings (losses) from real estate and other affiliates.

The Company periodically evaluates strategic alternatives with respect to each property and may revise the strategy from time to time, including the intent to hold the asset on a long-term basis or the timing of potential asset dispositions. For example, the Company may decide to sell property that is held for use, and the sale price may be less than the carrying amount. As a result, changes in strategy could result in impairment charges in future periods.

In addition to the impairments discussed above, the Company reduced the estimated net sales price of certain condominium units, including the remaining penthouse inventory, to better align the expected price with recent final sales prices, resulting in a loss of \$2.3 million for the year ended December 31, 2021, and a loss of \$7.6 million for the year ended December 31, 2020, included in Condominium rights and unit cost of sales.

The following table summarizes the pre-tax impacts of the items mentioned above to the Consolidated Statements of Operations for the years ended December 31:

<i>thousands</i>	Statements of Operations Line Item	2021	2020
Operating assets:			
Outlet Collection at Riverwalk	Provision for impairment	\$ —	\$ 48,738
Century Park	Provision for impairment	13,068	—
Equity Investments:			
110 North Wacker	Equity in earnings (losses) from real estate and other affiliates	17,673	—
Mr. C Seaport	Equity in earnings (losses) from real estate and other affiliates	—	6,000
Other Assets:			
Condominium Inventory	Condominium rights and unit sales	2,268	7,644

5. Other Assets and Liabilities

Prepaid Expenses and Other Assets The following table summarizes the significant components of Prepaid expenses and other assets as of December 31:

<i>thousands</i>	2021	2020	Change
Special Improvement District receivable (a)	\$ 86,165	\$ 54,770	\$ 31,395
Condominium inventory (b)	57,507	55,883	1,624
Security, escrow and other deposits (c)	45,546	48,576	(3,030)
In-place leases (d)	44,225	49,161	(4,936)
Intangibles	29,752	32,595	(2,843)
Prepaid expenses	21,370	17,455	3,915
Other	7,874	12,096	(4,222)
Tenant incentives and other receivables	6,623	9,612	(2,989)
Food and beverage and lifestyle inventory	1,039	1,060	(21)
TIF receivable	855	893	(38)
Prepaid expenses and other assets, net	\$ 300,956	\$ 282,101	\$ 18,855

- (a) The increase in Special Improvement District receivable is primarily attributable to a third quarter 2021 SID Bond issuance in Summerlin. Proceeds from SID bonds are held in escrow by a third party and are used to reimburse the Company for a portion of the development costs.
- (b) The increase in Condominium inventory is attributable to the addition of inventory units at the newly completed 'A'ali'i, partially offset by closing on inventory units at Waiea and Anaha.
- (c) The decrease in Security, escrow and other deposits is primarily attributable to a \$29.5 million settlement of the rate-lock agreement associated with the loans for 1201 Lake Robbins and The Woodlands Warehouse upon repayment in February 2021, partially offset by a \$27.5 million deposit related to the loan for Bridgeland entered into in September 2021.
- (d) The decrease in In-place leases is primarily attributable to routine amortization.

Accounts Payable and Accrued Expenses The following table summarizes the significant components of Accounts payable and accrued expenses as of December 31:

<i>thousands</i>	2021	2020	Change
Condominium deposit liabilities (a)	\$ 368,997	\$ 309,884	\$ 59,113
Construction payables (b)	284,384	253,626	30,758
Accounts payable and accrued expenses (c)	72,828	28,589	44,239
Deferred income	71,902	66,656	5,246
Accrued interest (d)	47,738	37,007	10,731
Tenant and other deposits	30,943	25,801	5,142
Accrued payroll and other employee liabilities	29,648	27,419	2,229
Accrued real estate taxes (e)	26,965	38,863	(11,898)
Interest rate swap liabilities (f)	26,452	51,920	(25,468)
Other	23,310	12,493	10,817
Accounts payable and accrued expenses	\$ 983,167	\$ 852,258	\$ 130,909

- (a) The increase in Condominium deposit liabilities is primarily due to the increase in contracted condominium unit sales at The Park Ward Village, Victoria Place and Kō'ula, partially offset by a decrease in deposits at 'A'ali'i as customers close on the sale of completed units.
- (b) The increase in Construction payables is attributable to an increase of \$120.6 million primarily related to increased construction spend at Ward Village, the Summerlin, Bridgeland and Columbia MPC developments and the Tin Building, as well as a \$21.0 million charge for additional remediation costs at Waiea. These increases were partially offset by decreases of \$89.9 million related to a reduction of construction spend for projects placed in service in 2020 and 2021 or approaching completion, as well as costs incurred and paid for Waiea remediation activities during 2021.
- (c) The increase in Accounts Payable and accrued expenses is primarily attributable to repurchases of common stock executed in December 2021.
- (d) The increase in Accrued interest is primarily due to new loan agreements entered into in 2021, partially offset by the repayment of certain loans in 2021. See Note 7 - *Mortgages, Notes and Loans Payable, Net* for additional detail.
- (e) The decrease in Accrued real estate taxes is primarily related to annual tax payments being made at year-end 2021.
- (f) The decrease in Interest rate swap liabilities is due to an increase of the one-month London Interbank Offered Rate (LIBOR) forward curve for the periods presented.

6. Intangibles

The following table summarizes the Company's intangible assets and liabilities:

<i>thousands</i>	As of December 31, 2021			As of December 31, 2020		
	Gross Asset (Liability)	Accumulated (Amortization) / Accretion	Net Carrying Amount	Gross Asset (Liability)	Accumulated (Amortization) / Accretion	Net Carrying Amount
Intangible Assets:						
Other intangibles (a)	\$ 34,123	\$ (5,834)	\$ 28,289	\$ 9,251	\$ (2,991)	\$ 6,260
Goodwill	1,307	—	1,307	1,307	—	1,307
Indefinite lived intangibles (a)	157	—	157	25,028	—	25,028
Tenant leases:						
In-place value	63,249	(19,024)	44,225	63,584	(14,423)	49,161
Above-market	1,951	(1,790)	161	1,985	(1,670)	315
Below-market	(4,729)	3,539	(1,190)	(4,839)	3,198	(1,641)
Total indefinite lived intangibles			\$ 1,464			\$ 26,335
Total amortizing intangibles			\$ 71,485			\$ 54,095

(a) Following the 2021 restructuring of Minor League Baseball, the intangible asset associated with the Company's Las Vegas Aviators Triple-A professional baseball team was treated as an amortizing intangible and no longer accounted for as an indefinite lived intangible.

The tenant in-place, above-market and below-market lease intangible assets resulted from real estate acquisitions. The in-place value and above-market value of tenant leases are included in Prepaid expenses and other assets, net and are amortized over periods that approximate the related lease terms. The below-market tenant leases are included in Accounts payable and accrued expenses and are amortized over the remaining non-cancelable terms of the respective leases. See Note 5 - *Other Assets and Liabilities* for additional information regarding Prepaid expenses and other assets, net and Accounts payable and accrued expenses.

Net amortization and accretion expense for these intangible assets and liabilities was \$7.5 million in 2021, \$5.8 million in 2020 and \$2.1 million in 2019.

Future net amortization and accretion expense is estimated for each of the five succeeding years as shown below:

<i>thousands</i>	2022	2023	2024	2025	2026
Net amortization and accretion expense	\$ 7,464	\$ 7,076	\$ 7,080	\$ 7,240	\$ 7,212

7. Mortgages, Notes and Loans Payable, Net

Mortgages, Notes and Loans Payable Mortgages, notes and loans payable, net are summarized as follows:

<i>thousands</i>	December 31,	
	2021	2020
Fixed-rate debt		
Unsecured 5.375% Senior Notes due 2025	\$ —	\$ 1,000,000
Unsecured 5.375% Senior Notes due 2028	750,000	750,000
Unsecured 4.125% Senior Notes due 2029	650,000	—
Unsecured 4.375% Senior Notes due 2031	650,000	—
Secured mortgages, notes and loans payable	1,006,428	590,517
Special Improvement District bonds	69,131	34,305
Variable-rate debt (a)		
Secured Bridgeland Notes due 2026	275,000	—
Mortgages, notes and loans payable (a)	1,238,857	1,945,344
Unamortized bond issuance costs	—	(4,355)
Unamortized deferred financing costs (b)	(48,259)	(28,442)
Total mortgages, notes and loans payable, net	\$ 4,591,157	\$ 4,287,369

(a) The Company has entered into derivative instruments to manage a portion of the variable interest rate exposure. See Note 9 - *Derivative Instruments and Hedging Activities* for additional information.

(b) Deferred financing fees are amortized to interest expense over the terms of the respective financing agreements using the effective interest method (or other methods which approximate the effective interest method).

Credit Facilities In 2018, the Company entered into a \$700.0 million loan agreement, which provided for a \$615.0 million term loan (the Term Loan) and an \$85.0 million revolver loan (the Revolver Loan and together with the Term Loan, the Senior Secured Credit Facility or the Loans), which is included in Variable-rate debt above. Concurrent with the sale of The Westin at The Woodlands and Embassy Suites at Hughes Landing in September 2021, \$181.8 million was repaid on the Term Loan, of which \$69.8 million was directly associated with the properties sold. Refer to Note 3 - *Acquisitions and Dispositions* for additional information. As of December 31, 2021, the Company had \$316.7 million of outstanding borrowings on the Term Loan. The Company has a one-time right to request an increase of \$50.0 million in the aggregate amount of the Revolver Loan commitment. As of December 31, 2021, the Company had no outstanding borrowings under the Revolver Loan. The Loans are secured by a first priority security interest in certain of the Company's properties.

In 2019, the Company closed on a \$250.0 million credit facility secured by land and certain other collateral in The Woodlands and Bridgeland MPCs. The loan provided for a \$100.0 million term loan and a \$150.0 million revolver loan. In September 2021, the Company repaid the \$100.0 million term loan and the \$50.0 million outstanding borrowings under the revolver portion of the loan. As a result, the Company no longer has access to the \$150.0 million revolver loan. These borrowings were replaced by a \$275.0 million loan for Bridgeland. See the table below for additional detail.

Special Improvement District Bonds The Summerlin MPC uses SID bonds to finance certain common infrastructure improvements. These bonds are issued by the municipalities and are secured by the assessments on the land. The majority of proceeds from each bond issued is held in a construction escrow and disbursed to the Company as infrastructure projects are completed, inspected by the municipalities and approved for reimbursement. Accordingly, the SID bonds have been classified as debt, and the Summerlin MPC pays the debt service on the bonds semi-annually. As Summerlin sells land, the buyers assume a proportionate share of the bond obligation at closing, and the residential sales contracts provide for the reimbursement of the principal amounts that the Company previously paid with respect to such proportionate share of the bond. For the year ended December 31, 2021, \$45.4 million in SID bonds were issued and obligations of \$8.8 million were assumed by buyers.

Debt Compliance Due to the COVID-19 pandemic, the Company experienced a decline in operating results for certain retail and hospitality properties resulting in the Company not meeting its required debt service coverage ratio for the \$615.0 million Term Loan portion of the Senior Secured Credit Facility as of December 31, 2020. As a result, the excess net cash flow after debt service from the underlying properties became restricted. While the restricted cash could not be used for general corporate purposes, it could be used to fund operations of the underlying assets and did not have a material impact on the Company's liquidity. As a result of payments on the Term Loan, the Company met the debt service coverage ratio as of September 30, 2021, and December 31, 2021. As two consecutive quarters of compliance were required to release the restricted cash requirement, \$43.0 million of restricted cash as of December 31, 2021, qualifies for release.

As of December 31, 2021, the Company did not meet the debt service coverage ratio for the Two Hughes Landing loan. As a result, the excess net cash flow after debt service from the underlying property became restricted and cannot be used for general corporate purposes, but can continue to be used to fund operations of the underlying asset. This restriction does not have a material impact on the Company's liquidity.

As of December 31, 2021, apart from the Two Hughes Landing loan described above, the Company was in compliance with all financial covenants included in the agreements governing its indebtedness.

Financing Activity The Company's borrowing activity is summarized as follows:

<i>thousands</i>	Initial / Extended Maturity (a)	Interest Rate	Carrying Value
Balance at December 31, 2020			\$ 4,287,369
Issuances:			
Senior Notes due 2029	February 2029	4.13% (c)	650,000
Senior Notes due 2031	February 2031	4.38% (c)	650,000
Bridgeland Notes due 2026	September 2026	2.40% (b),(d)	275,000
Special Improvement District bonds	April 2051	4.13%	45,425
Borrowings:			
Victoria Place	September 2024 / September 2026	5.25% (b),(e)	42,718
1725 Hughes Landing	January 2027 / January 2030	4.10% (b),(f)	61,207
1735 Hughes Landing	January 2027 / January 2030	4.10% (b),(f)	58,793
Tanager Apartments	May 2031	3.13% (g)	58,500
Lakeside Row	September 2031	3.15% (i)	35,500
1201 Lake Robbins	October 2031	3.83% (j)	250,000
Three Hughes Landing	December 2031	3.55% (k)	70,000
The Woodlands Warehouse	January 2032	3.65%	13,700
Draws on existing mortgages, notes and loans payable			257,444
Repayments:			
1201 Lake Robbins	June 2021	2.49% (b),(l)	(273,070)
The Woodlands Warehouse	June 2021	2.49% (b),(l)	(7,230)
Tanager Apartments	October 2021 / October 2024	2.50% (b),(g)	(39,992)
'A'ali'i	June 2022 / June 2023	4.10% (b),(h)	(249,744)
Lakeside Row	July 2022 / July 2023	2.39% (b),(i)	(31,940)
Senior Secured Credit Facility	September 2023	4.61% (f),(m)	(298,344)
The Woodlands Resort	December 2021 / December 2023	3.00% (b),(m)	(62,500)
The Woodlands Master Credit Facility	October 2022 / October 2024	2.64% (b),(d)	(75,000)
Bridgeland Credit Facility	October 2022 / October 2024	2.64% (b),(d)	(75,000)
Repayments on existing mortgages, notes and loans payable			(27,519)
Redemptions			
Senior Notes due 2025	March 2025	5.38% (l)	(1,000,000)
Other:			
Special Improvement District bond assumptions	April 2049	4.00%	(8,697)
Deferred financing costs, net			(15,463)
Balance at December 31, 2021			\$ 4,591,157

(a) Maturity dates presented represent initial maturity dates and the extended or final maturity dates as contractually stated. HHC has the option to exercise extension periods at the initial maturity date, subject to certain terms which may include minimum debt service coverage, minimum occupancy levels or condominium sales levels, as applicable and other performance criteria. In certain cases, due to property performance not meeting covenants, HHC may have to pay down a portion of the loan to obtain the extension.

(b) The interest rate presented is based on the one-month LIBOR of 0.10% or Secured Overnight Financing Rate (SOFR) of 0.05%, as applicable, at December 31, 2021. Interest rates associated with loans which have been paid off reflect the interest rate at December 31, 2020.

- (c) In February 2021, the Company issued \$650 million in 4.125% Senior Notes due 2029 and \$650 million in 4.375% Senior Notes due 2031. Interest is paid semi-annually in February and August of each year, beginning in August 2021. These notes will be unsecured senior obligations of the Company and are guaranteed by certain subsidiaries of the Company.
- (d) In September 2021, the Company closed on a \$275.0 million financing secured by MUD receivables and land in Bridgeland, retiring an existing \$250.0 million credit facility secured by MUD receivables, land and certain other collateral in both The Woodlands and Bridgeland MPCs. The loan required a \$27.5 million fully refundable deposit and has a net effective interest rate of SOFR plus 2.30%, subject to a SOFR floor of 0.10%, with maturity in September 2026.
- (e) In March 2021, the Company closed on a \$368.2 million construction loan for the development of Victoria Place in Ward Village. The loan bears interest at LIBOR, with a floor of 0.25%, plus 5.00%, with an initial maturity of September 2024 and two one-year extension options. Concurrent with the funding of the loan, the Company entered into interest rate cap agreements with a total notional amount of \$368.2 million and a LIBOR strike rate of 2.00%.
- (f) In December 2021, the Company closed on a \$127.0 million non-recourse financing of 1725/1735 Hughes Landing with \$7 million withheld for future costs. The loan bears interest at LIBOR plus 3.95%, subject to a floor of 0.15%, with an initial maturity of January 2027 and three one-year extension options. Proceeds from this financing were used to pay a portion of the Senior Secured Credit Facility.
- (g) In April 2021, the Company closed on a \$58.5 million loan to replace the existing construction loan for Tanager Apartments in Downtown Summerlin.
- (h) In November 2021, the Company paid off the \$249.7 million outstanding loan balance relating to 'A'ali'i using proceeds from condo sales.
- (i) In July 2021, the Company closed on a \$35.5 million loan to replace the existing construction loan for Lakeside Row in Bridgeland.
- (j) In October 2021, the Company closed on a \$250.0 million non-recourse, interest-only loan for 1201 Lake Robbins.
- (k) In November 2021, the Company closed on a \$70.0 million non-recourse financing for Three Hughes Landing. This 10-year, fixed-rate financing bears interest at 3.55%. The financing is interest-only for the first four years, with 30-year amortization thereafter.
- (l) The Company used the net proceeds from the February 2021 issuance of Senior Notes due 2029 and 2031, as well as available cash on hand, as follows: (1) repurchased its \$1.0 billion 5.375% Senior Notes due 2025; resulting in a \$35.1 million loss on extinguishment of debt and (2) repaid \$280.3 million outstanding under its loans for 1201 Lake Robbins and The Woodlands Warehouse maturing June 2021, resulting in a \$10.0 million loss on the settlement of the rate-lock agreement associated with these loans.
- (m) Concurrent with the sale of the Company's Hospitality properties in September 2021, the entire \$62.5 million loan on The Woodlands Resort was repaid and \$69.8 million of debt associated with The Westin at The Woodlands and Embassy Suites at Hughes Landing was repaid on the Senior Secured Credit Facility. See Note 3 - *Acquisitions and Dispositions* for additional detail.

Additional Financing Activity in 2021 In April 2021, the Company closed on an \$82.6 million construction loan for the development of Marlow, a multi-family development in Columbia. The loan bears interest at LIBOR plus 2.95% with an initial maturity of April 2025 and a one-year extension option, with no amounts drawn as of December 31, 2021.

In April 2021, the Company closed on a \$42.7 million construction loan for the development of Starling at Bridgeland. The loan bears interest at LIBOR plus 2.75%, subject to an overall interest rate floor of 3.75%, and an initial maturity date of April 2026, and a one-year extension option, with \$4.0 million drawn as of December 31, 2021.

In June 2021, the Company closed on an extension of the \$35.5 million loan for 8770 New Trails, extending the final maturity date to January 2032.

In September 2021, the Company closed on a \$59.5 million construction loan for the development of Tanager Echo, a multi-family development in Summerlin. The loan bears interest at LIBOR, with a floor of 0.10%, plus 2.90% with an initial maturity of September 2025 and two one-year extension options and an immaterial amount drawn as of December 31, 2021. In October 2021, the Company entered into an interest rate cap agreement with a notional amount equal to the loan amount and a LIBOR strike rate of 2.50%.

In September 2021, the Company closed on a \$75.0 million construction loan for the development of 1700 Pavilion, an office development in Summerlin. The loan bears interest at LIBOR, with a floor of 0.10%, plus 3.80% with an initial maturity of September 2025 and two one-year extension options and an immaterial amount drawn as of December 31, 2021. In October 2021, the Company entered into an interest rate cap agreement with a notional amount equal to the loan amount and a LIBOR strike rate of 2.50%.

In October 2021, the Company closed on an extension of the \$27.2 million loan for Outlet Collection at Riverwalk, extending the initial maturity date to October 2022 with a one-year extension option and modifying the interest rate to SOFR plus 3.00% with a total floor of 3.50%.

Financing Activity in 2022 In January 2022, the Company closed on a \$49.8 million non-recourse, interest-only financing of One Merriweather. The loan bears interest at 3.525% with maturity in February 2032. Proceeds from this financing were used to pay a portion of the Senior Secured Credit Facility.

In January 2022, the Company closed on a \$25.6 million non-recourse, interest-only financing of Two Merriweather which was previously unencumbered. The loan bears interest at 3.825% with maturity in February 2032.

In February 2022, the Company closed on a \$40.8 million non-recourse financing of Two Summerlin which was previously unencumbered. The loan bears interest at SOFR plus 1.75% with an initial maturity of February 2027 and two one-year extension options. Concurrent with the funding of the loan, the Company entered into an interest rate swap agreement with a notional amount equal to the loan and an interest rate of 3.425%.

In February 2022, the Company paid \$28.4 million on the Senior Secured Credit Facility with cash on hand.

Mortgages, Notes, and Loans Payable Balances by Property The following table presents the Company's mortgages, notes and loans payable by property, presented within each segment in order of extended maturity date:

<i>thousands</i>	Initial / Extended Maturity (a)	Interest Rate	Carrying Value December 31,	
			2021	2020
Operating Assets				
20/25 Waterway Avenue	May 2022	4.79 %	12,564	12,855
Millennium Waterway Apartments	June 2022	3.75 %	50,813	51,946
Lake Woodlands Crossing Retail	January 2023	4.61 % (b),(c)	12,329	12,329
Senior Secured Credit Facility	September 2023	4.61 % (b),(c)	316,656	615,000
Two Lakes Edge	October 2022 / October 2023	2.40 % (b)	68,806	66,198
Outlet Collection at Riverwalk	October 2022 / October 2023	3.50 % (b)	26,742	28,679
The Woodlands Resort	December 2021 / December 2023	3.00 % (b)	—	62,500
9303 New Trails	December 2023	4.88 %	10,308	10,763
4 Waterway Square	December 2023	4.88 %	30,185	31,519
Creekside Park West	March 2023 / March 2024	4.61 % (b),(c)	15,497	14,719
The Lane at Waterway	August 2023 / August 2024	1.85 % (b)	27,279	22,167
6100 Merriweather	September 2022 / September 2024	2.85 % (b)	66,345	62,040
Juniper Apartments	September 2022 / September 2024	2.85 % (b)	72,762	65,808
Creekside Park The Grove	January 2024 / January 2025	4.61 % (b),(c)	39,503	16,468
9950 Woodloch Forest	March 2025	2.05 % (b)	83,820	71,106
Ae'o Retail	October 2025	2.90 % (b)	29,883	30,532
Ke Kilohana Retail	October 2025	2.90 % (b)	9,129	9,327
3831 Technology Forest Drive	March 2026	4.50 %	20,210	20,686
Kewalo Basin Harbor	September 2027	2.85 % (b)	11,479	11,562
Millennium Six Pines Apartments	August 2028	3.39 %	42,500	42,500
3 Waterway Square	August 2028	3.94 %	44,747	46,224
One Lakes Edge	March 2029	4.50 %	68,648	69,440
Aristocrat	September 2029	3.67 %	36,095	37,093
Creekside Park Apartments	October 2029	3.52 %	37,730	37,730
1725 Hughes Landing Boulevard	January 2027 / January 2030	4.10 % (b)	61,207	—
1735 Hughes Landing Boulevard	January 2027 / January 2030	4.10 % (b)	58,793	—
One Hughes Landing	December 2029	4.30 %	49,578	50,815
Two Hughes Landing	December 2030	4.20 %	47,184	48,000
Other SID Bonds	December 2030	6.05 % (d)	2,639	2,785
Tanager Apartments	May 2031	3.13 %	58,500	39,744
Lakeside Row	September 2031	3.15 %	35,500	31,566
1201 Lake Robbins	October 2031	3.83 %	250,000	273,070
Three Hughes Landing	December 2031	3.55 %	70,000	—
The Woodlands Warehouse	January 2032	3.65 %	13,700	7,230
8770 New Trails	January 2032	4.89 % (e)	35,482	35,417
Constellation Apartments	January 2033	4.07 %	24,200	24,200

<i>thousands</i>	Initial / Extended Maturity (a)	Interest Rate	Carrying Value December 31,	
			2021	2020
Hughes Landing Retail	December 2036	3.50 %	33,633	34,328
Columbia Regional Building	February 2037	4.48 %	23,805	24,244
Las Vegas Ballpark	December 2039	4.92 %	46,528	48,173
Operating Assets Total			1,944,779	2,068,763
Master Planned Communities				
The Woodlands Master Credit Facility	October 2022 / October 2024	2.64 % (b)	—	75,000
Bridgeland Credit Facility	October 2022 / October 2024	2.64 % (b)	—	75,000
Bridgeland Notes due 2026	September 2026	2.40 % (b)	275,000	—
Summerlin South SID Bonds	June 2025 - April 2051	4.00% - 6.05% (f)	66,492	31,520
Master Planned Communities Total			341,492	181,520
Seaport				
250 Water Street	November 2022 / November 2023	4.61 % (b),(c)	100,000	100,000
Seaport Total			100,000	100,000
Strategic Developments				
'A'ali'i	June 2022 / June 2023	4.10 % (b)	—	154,601
Kō'ula	March 2023 / March 2024	4.61 % (b),(c)	150,183	65,282
Victoria Place	September 2024 / September 2026	5.25 % (b),(g)	49,000	—
Starling at Bridgeland	April 2026 / April 2027	3.75 % (b)	3,960	—
Tanager Echo	September 2025 / September 2027	3.00 % (b),(h)	1	—
1700 Pavillion	September 2025 / September 2027	3.90 % (b),(i)	1	—
Strategic Developments Total			203,145	219,883
Senior Notes due 2025	March 2025	5.38 %	—	1,000,000
Senior Notes due 2028	August 2028	5.38 %	750,000	750,000
Senior Notes due 2029	February 2029	4.13 %	650,000	—
Senior Notes due 2031	February 2031	4.38 %	650,000	—
Unamortized bond issuance costs			—	(4,355)
Unamortized deferred financing costs			(48,259)	(28,442)
Total mortgages, notes and loans payable, net			\$ 4,591,157	\$ 4,287,369

- (a) Maturity dates presented represent initial maturity dates and the extended or final maturity dates as contractually stated. HHC has the option to exercise extension periods at the initial maturity date, subject to certain terms which may include minimum debt service coverage, minimum occupancy levels or condominium sales levels, as applicable, and other performance criteria. In certain cases, due to property performance not meeting covenants, HHC may have to pay down a portion of the loan to obtain the extension.
- (b) The interest rate presented is based on the one-month LIBOR of 0.10% or SOFR of 0.05%, as applicable, at December 31, 2021. Interest rates associated with loans which have been paid off reflect the interest rate at December 31, 2020.
- (c) \$615 million of outstanding debt has been swapped to a fixed rate equal to 4.61%.
- (d) Includes SID bonds related to Downtown Summerlin, Hockey Ground Lease, Las Vegas Ballpark, Tanager Apartments, Two Summerlin, Tanager Echo and 1700 Pavillion.
- (e) Concurrent with the closing of the \$35.5 million construction loan for 8770 New Trails in 2019, the Company entered into an interest rate swap. The Loan bears interest at one-month LIBOR plus 2.45% but it is currently swapped to a fixed rate equal to 4.89%.
- (f) Includes SID bonds with various maturity dates ranging from June 2025 to April 2051 and interest rates ranging from 4.00% to 6.05%.
- (g) In the first quarter of 2021, the Company closed on a \$368.2 million construction loan for the development of Victoria Place in Ward Village, which bears interest at LIBOR, with a floor of 0.25%, plus 5.00%. Concurrently, the Company entered into interest rate cap agreements with a total notional amount of \$368.2 million and a LIBOR strike rate of 2.00%.
- (h) In the third quarter of 2021, the Company closed on a \$59.5 million construction loan for the development of Tanager Echo, which bears interest at LIBOR, with a floor of 0.10%, plus 2.90%. The Company entered into an interest rate cap agreement with a LIBOR strike rate of 2.50%.

- (i) In the third quarter of 2021, the Company closed on a \$75.0 million construction loan for the development of 1700 Pavillion, which bears interest at LIBOR, with a floor of 0.10%, plus 3.80%. The Company entered into an interest rate cap agreement with a LIBOR strike rate of 2.50%.

The weighted-average interest rate on the Company's mortgages, notes and loans payable, excluding interest rate hedges, was 4.17% as of December 31, 2021, and 4.34% as of December 31, 2020.

HHC's mortgages, notes and loans payable are secured by the properties listed in the table above and are non-recourse except for the following:

<i>thousands</i>	Recourse %	Amount
Recourse to HHC		
Senior Notes due 2028	100 %	\$ 750,000
Senior Notes due 2029	100 %	650,000
Senior Notes due 2031	100 %	650,000
Kō'ula	25 %	37,546
250 Water Street	35 %	35,000
Juniper Apartments	25 %	18,190
6100 Merriweather	25 %	16,586
Outlet Collection at Riverwalk	50 %	13,371
Total recourse to HHC		2,170,693
Recourse to The Woodlands Land Development Company (TWLDC) (a)		
Two Lake's Edge	25 %	17,202
9950 Woodloch Forest	20 %	16,764
Creekside Park The Grove	25 %	9,876
The Lane at Waterway	35 %	9,547
Lake Woodlands Crossing Retail	50 %	6,165
Creekside Park West	25 %	3,874
Total recourse to TWLDC		63,428
Total		\$ 2,234,121

- (a) This debt is partially recourse to The Woodlands Land Development Company which is a wholly owned subsidiary of HHC.

Certain of the Company's loans contain provisions which grant the lender a security interest in the operating cash flow of the property that represents the collateral for the loan. Certain mortgage notes may be prepaid subject to a prepayment penalty equal to a yield maintenance premium, defeasance, or a percentage of the loan balance. As of December 31, 2021, land, buildings and equipment and developments with a net book value basis of \$4.2 billion have been pledged as collateral for HHC's mortgages, notes and loans payable.

Scheduled Maturities The following table summarizes the contractual obligations relating to the Company's mortgages, notes and loans payable as of December 31, 2021, based on extended maturity dates:

<i>thousands</i>	Mortgages, notes and loans payable principal payments
2022	\$ 103,022
2023	547,744
2024	343,950
2025	172,275
2026	359,603
Thereafter	3,112,822
Total principal payments	4,639,416
Unamortized deferred financing and bond issuance costs	(48,259)
Total mortgages, notes and loans payable	\$ 4,591,157

8. Fair Value

ASC 820, *Fair Value Measurement*, emphasizes that fair value is a market-based measurement that should be determined using assumptions market participants would use in pricing an asset or liability. The standard establishes a hierarchal disclosure framework which prioritizes and ranks the level of market price observability used in measuring assets or liabilities at fair value. Market price observability is impacted by a number of factors, including the type of investment and the characteristics specific to the asset or liability. Assets or liabilities with readily available active quoted prices, or for which fair value can be measured from actively quoted prices, generally will have a higher degree of market price observability and a lesser degree of judgment used in measuring fair value.

The following table presents the fair value measurement hierarchy levels required under ASC 820 for the Company's liabilities that are measured at fair value on a recurring basis:

thousands	December 31, 2021				December 31, 2020			
	Fair Value Measurements Using				Fair Value Measurements Using			
	Total	Quoted Prices in Active Markets for Identical Assets (Level 1)	Significant Other Observable Inputs (Level 2)	Significant Unobservable Inputs (Level 3)	Total	Quoted Prices in Active Markets for Identical Assets (Level 1)	Significant Other Observable Inputs (Level 2)	Significant Unobservable Inputs (Level 3)
Assets:								
Interest rate derivative assets	\$ 1,257	\$ —	\$ 1,257	\$ —	\$ —	\$ —	\$ —	\$ —
Liabilities:								
Interest rate derivative liabilities	\$ 26,452	\$ —	\$ 26,452	\$ —	\$ 51,920	\$ —	\$ 51,920	\$ —

The fair values of interest rate derivatives are determined using the market standard methodology of netting the discounted future fixed cash payments and the discounted expected variable cash receipts. The variable cash receipts are based on an expectation of future interest rates derived from observable market interest rate curves.

The estimated fair values of the Company's financial instruments that are not measured at fair value on a recurring basis are as follows:

thousands	Fair Value Hierarchy	December 31, 2021		December 31, 2020	
		Carrying Amount	Estimated Fair Value	Carrying Amount	Estimated Fair Value
Assets:					
Cash and Restricted cash	Level 1	\$ 1,216,637	\$ 1,216,637	\$ 1,242,997	\$ 1,242,997
Accounts receivable, net (a)	Level 3	86,388	86,388	66,726	66,726
Notes receivable, net (b)	Level 3	7,561	7,561	622	622
Liabilities:					
Fixed-rate debt (c)	Level 2	3,125,559	3,186,139	2,374,822	2,461,155
Variable-rate debt (c)	Level 2	1,513,857	1,513,857	1,945,344	1,945,344

(a) Accounts receivable, net is shown net of an allowance of \$16.5 million at December 31, 2021, and \$33.0 million at December 31, 2020. Refer to Note 1 - *Summary of Significant Accounting Policies* for additional information on the allowance.

(b) Notes receivable, net is shown net of an allowance of \$0.2 million at December 31, 2021, and \$0.2 million at December 31, 2020. Refer to Note 1 - *Summary of Significant Accounting Policies* for additional information on the allowance.

(c) Excludes related unamortized financing costs.

The carrying amounts of Cash and Restricted cash, Accounts receivable, net and Notes receivable, net approximate fair value because of the short-term maturity of these instruments.

The fair value of the Company's Senior Notes, included in fixed-rate debt in the table above, is based upon the trade price closest to the end of the period presented. The fair value of other fixed-rate debt in the table above was estimated based on a discounted future cash payment model, which includes risk premiums and risk-free rates derived from the current LIBOR or U.S. Treasury obligation interest rates. Refer to Note 7 - *Mortgages, Notes and Loans Payable, Net* for additional information. The discount rates reflect the Company's judgment as to what the approximate current lending rates for loans or groups of loans with similar maturities and credit quality would be if credit markets were operating efficiently and assuming that the debt is outstanding through maturity.

The carrying amounts for the Company's variable-rate debt approximate fair value given that the interest rates are variable and adjust with current market rates for instruments with similar risks and maturities.

The below table includes a non-financial asset that was measured at fair value on a non-recurring basis resulting in the properties being impaired:

thousands	Segment	Total Fair Value Measurement	Fair Value Measurements Using		
			Quoted Prices in Active Markets for Identical Assets (Level 1)	Significant Other Observable Inputs (Level 2)	Significant Unobservable Inputs (Level 3)
2021					
Century Park (a)	Strategic Developments	\$ 32,000	\$ —	\$ —	\$ 32,000
2020					
Outlet Collection at Riverwalk (b)	Operating Assets	46,794	—	—	46,794

(a) The fair value was measured using weighted income and market valuation techniques as of the impairment date in the second quarter of 2021. Refer to Note 4 - *Impairment* for additional information.

(b) The fair value was measured as of the impairment date in 2020 based on a discounted cash flow analysis using a capitalization rate of 10.0% and is shown net of transaction costs. Refer to Note 4 - *Impairment* for additional information.

9. Derivative Instruments and Hedging Activities

The Company is exposed to interest rate risk related to its variable interest rate debt, and it manages this risk by utilizing interest rate derivatives. The Company uses interest rate swaps, collars and caps to add stability to interest costs by reducing the Company's exposure to interest rate movements. Interest rate swaps designated as cash flow hedges involve the receipt of variable amounts from a counterparty in exchange for the Company's fixed-rate payments over the life of the agreements without exchange of the underlying notional amount. Interest rate caps designated as cash flow hedges involve the receipt of variable amounts from a counterparty if interest rates rise above the strike rate on the contract in exchange for an up-front premium. The Company's interest rate cap is not currently designated as a hedge, and therefore, any gain or loss is recognized in current-period earnings. These derivatives are recorded on a gross basis at fair value on the balance sheet.

Assessments of hedge effectiveness are performed quarterly using regression analysis. The change in the fair value of derivatives designated and qualifying as cash flow hedges is recorded in Accumulated Other Comprehensive Income (AOCI) and is subsequently reclassified into earnings in the period that the hedged forecasted transaction affects earnings within the same income statement line item being hedged. Derivatives accounted for as cash flow hedges are classified in the same category in the Consolidated Statements of Cash Flows as the items being hedged. Gains and losses from derivative financial instruments are reported in Cash provided by (used in) operating activities within the Consolidated Statements of Cash Flows.

The Company is exposed to credit risk in the event of non-performance by its derivative counterparties. The Company evaluates counterparty credit risk through monitoring the creditworthiness of counterparties, which includes review of debt ratings and financial performance. To mitigate its credit risk, the Company enters into agreements with counterparties that are considered credit-worthy, such as large financial institutions with favorable credit ratings. There were no events of default as of December 31, 2021 and 2020.

If the derivative contracts are terminated prior to their maturity, the amounts previously recorded in AOCI are recognized into earnings over the period that the hedged transaction impacts earnings. If the hedging relationship is discontinued because it is probable that the forecasted transaction will not occur in accordance with the original strategy, any related amounts previously recorded in AOCI are recognized in earnings immediately. During the years ended December 31, 2021 and 2020, there were no termination events. During the year ended December 31, 2021, the Company recorded \$2.4 million reduction in Interest expense related to the amortization of terminated swaps. The Company has deferred the effective portion of the fair value change of an interest rate swap agreement in Accumulated other comprehensive loss on the accompanying Consolidated Balance Sheet for the year ended December 31, 2021, and will recognize the impact as a component of Interest expense over the next six years, which is what remains of the original forecasted period. During the years ended December 31, 2021 and 2020, the Company did not settle any derivatives.

Amounts reported in AOCI related to derivatives will be reclassified to Interest expense as interest payments are made on the Company's variable-rate debt. Over the next 12 months, HHC estimates that an additional \$15.2 million of net loss will be reclassified to Interest expense including amounts related to the amortization of terminated swaps.

The following table summarizes certain terms of the Company's derivative contracts:

<i>thousands</i>	Balance Sheet Location	Notional Amount	Fixed Interest Rate (a)	Effective Date	Maturity Date	Fair Value Asset (Liability)	
						December 31, 2021	December 31, 2020
Derivative instruments not designated as hedging instruments: (b)							
Interest rate cap (c)	Prepaid expenses and other assets, net	285,000	2.00%	3/12/2021	9/15/2023	\$ 300	\$ —
Interest rate cap (c)	Prepaid expenses and other assets, net	83,200	2.00%	3/12/2021	9/15/2023	87	—
Interest rate cap	Prepaid expenses and other assets, net	75,000	5.00%	8/31/2020	10/17/2022	—	—
Interest rate cap (d)	Prepaid expenses and other assets, net	75,000	2.50%	10/12/2021	9/29/2025	485	—
Interest rate cap (e)	Prepaid expenses and other assets, net	59,500	2.50%	10/12/2021	9/29/2025	385	—
Total fair value derivative assets						\$ 1,257	\$ —
Derivative instruments designated as hedging instruments:							
Interest rate swap (f)	Accounts payable and accrued expenses	615,000	2.96%	9/21/2018	9/18/2023	\$ (23,477)	\$ (46,613)
Interest rate swap (g)	Accounts payable and accrued expenses	35,485	4.89%	11/1/2019	1/1/2032	(2,975)	(5,307)
Total fair value derivative liabilities						(26,452)	(51,920)
Total fair value derivatives, net						\$ (25,195)	\$ (51,920)

- (a) These rates represent the strike rate on HHC's interest swaps and caps.
- (b) Interest expense included in the Consolidated Statements of Operations for the year ended December 31, 2021 and 2020, related to these contracts was not material.
- (c) Concurrent with the closing of the \$368.2 million construction loan for Victoria Place in 2021, the Company entered into two new LIBOR interest rate caps.
- (d) Concurrent with the closing of the \$75.0 million construction loan for 1700 Pavilion in 2021, the Company entered into this interest rate cap.
- (e) Concurrent with the closing of the \$59.5 million construction loan for Tanager Echo in 2021, the Company entered into this interest rate cap.
- (f) Concurrent with the funding of the \$615.0 million Term Loan in September 2018, the Company entered into this interest rate swap which is designated as a cash flow hedge. In conjunction with the sale of The Westin at The Woodlands and Embassy Suites at Hughes Landing in September 2021, \$181.8 million was repaid on the Term Loan. This swap covers the outstanding balance on the Term Loan in addition to other LIBOR-based debt held by the Company.
- (g) Concurrent with the closing of the \$35.5 million construction loan for 8770 New Trails in 2019, the Company entered into this interest rate swap which is designated as a cash flow hedge.

The tables below present the effect of the Company's derivative financial instruments on the Consolidated Statements of Operations for the years ended December 31:

<i>thousands</i>	Amount of Gain (Loss) Recognized in AOCI on Derivatives		
	2021	2020	2019
Derivatives in Cash Flow Hedging Relationships			
Interest rate derivatives	\$ 5,300	\$ (34,906)	\$ (19,245)

<i>thousands</i>	Amount of Gain (Loss) Reclassified from AOCI into Operations		
	2021	2020	2019
Location of Gain (Loss) Reclassified from AOCI into Operations			
Interest expense	\$ (12,660)	\$ (11,836)	\$ 1,939

Interest Expense Presented in Results of Operations <i>thousands</i>	Total Interest Expense Presented in the Results of Operations in which the Effects of Cash Flow Hedges are Recorded		
	2021	2020	2019
Interest expense	\$ 130,036	\$ 132,257	\$ 105,374

Credit-risk-related Contingent Features The Company has agreements with certain derivative counterparties that contain a provision where if the Company defaults on any of its indebtedness, including default where repayment of the indebtedness has not been accelerated by the lender, then the Company could also be declared in default on its derivative obligations. The Company also has agreements with certain derivative counterparties that contain a provision where the Company could be declared in default on its derivative obligations if repayment of the underlying indebtedness is accelerated by the lender due to the Company's default on the indebtedness.

The fair value of derivatives in a net liability position, which includes accrued interest but excludes any adjustment for nonperformance risk, related to these agreements was \$28.5 million as of December 31, 2021, and \$54.6 million as of December 31, 2020. If the Company had breached any of these provisions at December 31, 2021, it could have been required to settle its obligations under the agreements at their termination value of \$28.5 million.

10. Commitments and Contingencies

In the normal course of business, from time to time, the Company is involved in legal proceedings relating to the ownership and operations of its properties. In management's opinion, the liabilities, if any, that may ultimately result from normal course of business legal actions or The Woodlands legal proceeding discussed below, are not expected to have a material effect on the Company's consolidated financial position, results of operations or liquidity.

Litigation On June 14, 2018, the Company was served with a petition involving approximately 500 individuals or entities who claim that their properties, located in the Timarron Park neighborhood of The Woodlands, were damaged by flood waters that resulted from the unprecedented rainfall that occurred throughout Harris County and surrounding areas during Hurricane Harvey in August 2017. The complaint was filed in State Court in Harris County of the State of Texas. In general, the plaintiffs allege negligence in the development of Timarron Park and violations of Texas' Deceptive Trade Practices Act and name as defendants The Howard Hughes Corporation, The Woodlands Land Development Company and two unaffiliated parties involved in the planning and engineering of Timarron Park. The plaintiffs are seeking restitution for damages to their property and diminution of their property values. The Company intends to vigorously defend the matter as it believes that these claims are without merit and that it has substantial legal and factual defenses to the claims and allegations contained in the complaint. Based upon the present status of this matter, the Company does not believe it is probable that a loss will be incurred. Accordingly, the Company has not recorded a charge as a result of this action.

The Company entered into a settlement agreement with the Waiea homeowners association related to certain construction defects at the condominium tower. Pursuant to the settlement agreement, the Company will pay for the repair of the defects. The Company believes that the general contractor is ultimately responsible for the defects and expects to recover all the repair costs from the general contractor, other responsible parties and insurance proceeds; however, the Company can provide no assurances that all or any portion of the costs will be recovered. The Company recorded total expenses of \$99.2 million for the estimated repair costs related to this matter during 2020. An additional \$21.0 million was charged during the year ended December 31, 2021, related to additional anticipated costs. These amounts were included in Condominium rights and unit cost of sales in the accompanying Consolidated Statements of Operations. As of December 31, 2021, a total of \$96.6 million remains in Construction payables for the estimated repair costs related to this matter, which is included in Accounts payable and accrued expenses in the accompanying Consolidated Balance Sheet.

Environmental Matters The Company purchased its 250 Water Street property in the Seaport in June 2018. The site is currently used as a parking lot while the Company continues to move forward with redevelopment planning. The Company engaged a third-party specialist to perform a Phase I Environmental Site Assessment (ESA), and the ESA identified, among other findings, the existence of mercury in the soil at levels above New York State regulatory criteria. The site is in the State Brownfield Cleanup Program and will be remediated under this program. The normal operations of the parking lot do not require the property to be remediated, and the Company had not started any redevelopment activities as of December 31, 2021. As a result, the potential remediation had no financial impact for the year ended December 31, 2021.

Letters of Credit and Surety Bonds As of December 31, 2021, the Company had outstanding letters of credit totaling \$5.1 million and surety bonds totaling \$331.0 million. As of December 31, 2020, the Company had outstanding letters of credit totaling \$5.2 million and surety bonds totaling \$272.4 million. These letters of credit and bonds were issued primarily in connection with insurance requirements, special real estate assessments and construction obligations.

Operating Leases The Company leases land or buildings at certain properties from third parties, which are recorded in Operating lease right-of-use assets, net and Operating lease obligations on the Consolidated Balance Sheets. See Note 17 - *Leases* for further discussion. Contractual rental expense, including participation rent, was \$7.2 million for the year ended December 31, 2021, \$7.2 million for the year ended December 31, 2020, and \$8.5 million for the year ended December 31, 2019. The amortization of above and below-market ground leases and straight-line rents included in the contractual rent amount was not significant.

Guarantee Agreements The Company has entered into guarantee agreements as part of certain development projects. In conjunction with the execution of the ground lease for the Seaport, the Company executed a completion guarantee for the redevelopment of Pier 17 and the Tin Building. The Company satisfied its completion guarantee for Pier 17 in the second quarter of 2019. The completion guaranty for the Tin Building is for the core and shell construction, which is now complete. The Company is working with the New York City Economic Development Corporation to receive the completion certificate necessary to relinquish the guarantee.

The Company's wholly owned subsidiaries agreed to complete defined public improvements and to indemnify Howard County, Maryland, for certain matters as part of the Downtown Columbia Redevelopment District TIF bonds. The Company's guarantee of the performance of its subsidiaries under the funding agreement for up to a maximum of \$1.0 million expired on October 31, 2020. Furthermore, to the extent that increases in taxes do not cover debt service payments on the TIF bonds, the Company's wholly owned subsidiary is obligated to pay special taxes. Management has concluded that as of December 31, 2021, any obligations to pay special taxes are not probable.

As part of the Company's development permits with the Hawai'i Community Development Authority for the condominium towers at Ward Village, the Company entered into a guarantee whereby it is required to reserve 20% of the residential units for local residents who meet certain maximum income and net worth requirements. This guarantee, which is triggered once the necessary permits are granted and construction commences, was satisfied for the Company's three condominium towers, Waiea, Anaha and Ae'o, with the opening of Ke Kilohana, which is a workforce tower fully earmarked to fulfill this obligation. The reserved units for 'A'ali'i tower are included in the tower. Units for Kō'ula and Victoria Place, the two towers under construction, will be satisfied with the construction of Ulana Ward Village, which is a second workforce tower fully earmarked to fulfill the remaining obligation. As a result of this guarantee, the Company expects reserved housing towers will be delivered on a break-even basis.

The Company evaluates the likelihood of future performance under these guarantees and did not record an obligation as of December 31, 2021, and December 31, 2020.

11. Stock-Based Compensation Plans

On May 14, 2020, the Company's shareholders approved The Howard Hughes Corporation 2020 Equity Incentive Plan (the 2020 Equity Plan). Pursuant to the 2020 Equity Plan, 1,350,000 shares of the Company's common stock were reserved for issuance. The 2020 Equity Plan provides for grants of options, stock appreciation rights, restricted stock, restricted stock units and other stock-based awards (collectively, the Awards). Employees, directors and consultants of the Company are eligible for Awards. The 2020 Equity Incentive Plan is administered by the Compensation Committee of the Board of Directors.

Prior to the adoption of the 2020 Equity Plan, equity awards were issued under The Howard Hughes Corporation Amended and Restated 2010 Equity Incentive Plan (the 2010 Equity Plan). The adoption of the 2020 Equity Plan did not impact the administration of Awards issued under the 2010 Equity Plan but following adoption of the 2020 Equity Plan, equity awards will no longer be granted under the 2010 Equity Plan.

As of December 31, 2021, there were a maximum of 1,102,470 shares available for future grant under the Company's 2020 Equity Plan.

The following summarizes stock-based compensation expense, net of amounts capitalized to development projects, for the years ended December 31:

<i>thousands</i>	2021	2020	2019
Stock Options (a)(b)	\$ 227	\$ (1,892)	\$ 1,411
Restricted Stock (c)(d)	7,332	6,520	16,682
Pre-tax stock-based compensation expense	\$ 7,559	\$ 4,628	\$ 18,093
Income tax benefit	\$ 882	\$ 167	\$ 3,699

- (a) Amounts shown are net of \$0.1 million capitalized to development projects in 2021, \$0.2 million capitalized to development projects in 2020 and \$0.4 million capitalized to development projects in 2019.
- (b) The credit position for the year ended December 31, 2020, was due to significant forfeitures which exceeded the expense.
- (c) Amounts shown are net of \$2.2 million capitalized to development projects in 2021, \$0.9 million capitalized to development projects in 2020 and \$1.0 million capitalized to development projects in 2019.
- (d) The higher compensation expense for the year ended December 31, 2019, was generally in connection with the Company's restructuring in 2019.

Stock Options The following table summarizes stock option activity:

	Stock Options	Weighted-average Exercise Price	Weighted-average Remaining Contractual Term (years)	Aggregate Intrinsic Value
Stock options outstanding at December 31, 2020	372,736	\$ 100.49		
Granted	6,000	\$ 100.74		
Exercised (a)	(82,225)	59.17		
Forfeited	(25,000)	104.81		
Expired	(1,024)	111.35		
Stock options outstanding at December 31, 2021	270,487	\$ 112.61	4.9	\$ 1,196,041
Stock options vested and expected to vest at December 31, 2021	268,289	\$ 112.80	4.9	\$ 1,156,748
Stock options exercisable at December 31, 2021	182,750	\$ 117.56	3.6	\$ 172,806

- (a) The total intrinsic value of stock options exercised was \$2.6 million during 2021, \$2.4 million during 2020, and \$2.4 million during 2019, based on the difference between the market price at the exercise date and the exercise price.

Cash received from stock option exercises was \$4.1 million in 2021, \$4.6 million in 2020, and \$3.5 million in 2019 and the tax benefit from these exercises was \$0.6 million in 2021, \$0.5 million in 2020, and \$0.5 million in 2019.

The fair value of stock option awards is determined using the Black-Scholes option-pricing model with the following assumptions:

- *Expected life*—Based on the average of the time to vesting and full term of an option
- *Risk-free interest rates*—Based on the U.S. Treasury rate over the expected life of an option
- *Expected volatility*—Based on the average of implied and historical volatilities as of each of the grant dates

The fair value on the grant date and the significant assumptions used in the Black-Scholes option-pricing model are as follows:

	2021	2020	2019
Weighted-average grant date fair value	\$ 41.52	\$ 32.10	\$ 32.51
Assumptions			
Expected life of options (in years)	7.5	7.5	7.5
Risk-free interest rate	1.2 %	0.7 %	2.2 %
Expected volatility	36.5 %	40.4 %	22.6 %
Expected annual dividend per share	—	—	—

Generally, options granted vest over requisite service periods, expire ten years after the grant date and generally do not become exercisable until their restrictions on exercise lapse after the five-year anniversary of the grant date.

The balance of unamortized stock option expense as of December 31, 2021, is \$1.7 million, which is expected to be recognized over a weighted-average period of 3.1 years.

Restricted Stock Restricted stock awards issued under the 2020 Equity Plan provide that shares awarded may not be sold or otherwise transferred until restrictions have lapsed as established by the Committee. In addition to the granting of restricted stock to certain members of management, the Company awards restricted stock to non-employee directors as part of their annual retainer. The management awards generally vest over a range of three to five years, and the restriction on the non-employee director shares generally lapses on the date of the Company's following annual meeting of shareholders, or June 1st of the year following the award year, whichever is earlier, in each case generally subject to continued service.

The following table summarizes restricted stock activity:

	Restricted Stock	Weighted-average Grant Date Fair Value
Restricted stock outstanding at December 31, 2020	409,110	\$ 69.21
Granted	102,410	83.91
Vested	(67,673)	85.39
Forfeited	(37,881)	47.98
Restricted stock outstanding at December 31, 2021	405,966	\$ 72.20

The grant date fair value of restricted stock is based on the closing sales price of common stock on the grant date. For restricted stock awards that vest based on shareholder returns, the grant date fair values are calculated using a Monte-Carlo approach which simulates the Company's stock price on the corresponding vesting dates and are reflected at the target level of performance in the table above.

The weighted-average grant-date fair value per share of restricted stock granted was \$71.48 during 2020 and \$98.78 during 2019. The fair value of restricted stock that vested was \$6.9 million during 2021, \$5.6 million during 2020, and \$14.9 million during 2019, based on the market price at the vesting date.

The balance of unamortized restricted stock expense as of December 31, 2021, was \$16.2 million, which is expected to be recognized over a weighted-average period of 3.0 years.

12. Income Taxes

Deferred income taxes are accounted for using the asset and liability method. Deferred tax assets and liabilities are recognized for the expected future tax consequences of events that have been included in the financial statements or tax returns. Under this method, deferred tax assets and liabilities are determined based on the differences between the financial reporting and tax basis of assets and liabilities using enacted tax rates currently in effect. Deferred income taxes also reflect the impact of operating loss and tax credit carryforwards.

The following summarizes income tax expense (benefit) for the years ended December 31:

<i>thousands</i>	2021	2020	2019
Current	\$ 4,797	\$ 826	\$ 1,427
Deferred	10,356	10,827	27,818
Total	\$ 15,153	\$ 11,653	\$ 29,245

Reconciliation of the Income tax expense (benefit) if computed at the U.S. federal statutory income tax rate to the Company's reported Income tax expense (benefit) for the years ended December 31 is as follows:

<i>thousands except percentages</i>	2021	2020	2019
Income (loss) before income taxes	\$ 64,077	\$ 8,480	\$103,540
U.S. federal statutory tax rate	21.0 %	21.0 %	21.0 %
Tax computed at the U.S. federal statutory rate	\$ 13,456	\$ 1,781	\$ 21,743
Increase (decrease) in valuation allowance, net	2,378	11,822	4,419
State income taxes, net of federal income tax expense (benefit)	(3,182)	(2,608)	417
Tax expense (benefit) from other change in rates, prior period adjustments and other permanent differences	(181)	2,271	(138)
Tax expense on compensation disallowance	1,570	1,553	2,804
Net (income) loss attributable to noncontrolling interests (a)	1,507	(4,826)	—
Tax expense (benefit) on tax credits	(395)	1,660	—
Income tax expense (benefit)	\$ 15,153	\$ 11,653	\$ 29,245
Effective tax rate	23.6 %	137.4 %	28.2 %

(a) The Company deconsolidated 110 North Wacker in the third quarter of 2020. Refer to Note 2 - *Investments in Real Estate and Other Affiliates* for additional information.

As of December 31, 2021, the amounts and expiration dates of operating loss, capital loss and charitable contribution carryforwards for tax purposes are as follows:

<i>thousands</i>	Amount	Expiration Date
Net operating loss carryforwards - Federal	\$ 384,813	n/a
Net operating loss carryforwards - State (a)	346,139	2022-2041
Net operating loss carryforwards - State (a)	252,222	n/a
Capital loss carryforwards - Federal	6,042	2025
Charitable contribution carryforwards - Federal	1,956	2025

(a) A valuation allowance has been recorded against the deferred tax benefit related to a majority of the state net operating loss carryforwards.

The following summarizes tax effects of temporary differences and carryforwards included in the net deferred tax liabilities as of December 31:

<i>thousands</i>	2021	2020
Deferred tax assets:		
Operating and Strategic Developments properties, primarily differences in basis of assets and liabilities	\$ 60,933	\$ 51,580
Operating loss and tax carryforwards	119,884	161,701
Total deferred tax assets	180,817	213,281
Valuation allowance	(40,477)	(38,065)
Total net deferred tax assets	\$ 140,340	\$ 175,216
Deferred tax liabilities:		
Property associated with MPCs, primarily differences in the tax basis of land assets and treatment of interest and other costs	\$ (176,904)	\$ (163,836)
Operating and Strategic Developments properties, primarily differences in basis of assets and liabilities	(88,297)	(100,564)
Deferred income	(79,976)	(98,455)
Total deferred tax liabilities	(345,177)	(362,855)
Total net deferred tax liabilities	\$ (204,837)	\$ (187,639)

The deferred tax liability associated with the Company's MPCs is largely attributable to the difference between the basis and value determined as of the date of the acquisition by its predecessors adjusted for sales that have occurred since that time. The recognition of these deferred tax liabilities is dependent upon the timing and sales price of future land sales and the method of accounting used for income tax purposes. The deferred tax liability related to deferred income represents the difference between the income tax method of accounting and the financial statement method of accounting for prior sales of land in the Company's MPCs.

Generally, the Company is currently open to audit under the statute of limitations by the Internal Revenue Service as well as state taxing authorities for the years ended December 31, 2018 through 2021. In the Company's opinion, it has made adequate tax provisions for years subject to examination. However, the final determination of tax examinations and any related litigation could be different from what was reported on the returns.

The Company applies the generally accepted accounting principle related to accounting for uncertainty in income taxes, which prescribes a recognition threshold that a tax position is required to meet before recognition in the financial statements and provides guidance on derecognition, measurement, classification, interest and penalties, accounting in interim periods, disclosure and transition issues.

The Company recognizes and reports interest and penalties related to unrecognized tax benefits, if applicable, within the provision for income tax expense. The Company had no unrecognized tax benefits for the years ended December 31, 2021, 2020 or 2019, and therefore did not recognize any interest expense or penalties on unrecognized tax benefits.

13. Warrants

On October 7, 2016, the Company entered into a warrant agreement with David R. O'Reilly, (O'Reilly Warrant) prior to his appointment to his previous position of Chief Financial Officer. Upon exercise of his warrant, Mr. O'Reilly may acquire 50,125 shares of common stock at an exercise price of \$112.08 per share. The O'Reilly Warrant was issued at fair value in exchange for a \$1.0 million payment in cash from Mr. O'Reilly. The O'Reilly Warrant becomes exercisable on April 6, 2022, subject to earlier exercise upon certain change in control, separation and termination provisions, and will expire on October 2, 2022.

On June 16, 2017, and October 4, 2017, the Company entered into warrant agreements with its Chief Executive Officer, David R. Weinreb, (Weinreb Warrant) and President, Grant Herlitz, (Herlitz Warrant) to acquire 1,965,409 shares and 87,951 shares of common stock for the purchase price of \$50.0 million and \$2.0 million, respectively. The Weinreb Warrant would have become exercisable on June 15, 2022, at an exercise price of \$124.64 per share, and the Herlitz Warrant would have become exercisable on October 3, 2022, at an exercise price of \$117.01 per share, subject in each case to earlier exercise upon certain change in control, separation and termination provisions. The Weinreb Warrant expires June 15, 2023, and the Herlitz Warrant expires October 3, 2023. The purchase prices paid by the respective executives for the O'Reilly Warrant, the Weinreb Warrant and the Herlitz Warrant, which qualify as equity instruments, are included within Additional paid-in capital in the Consolidated Balance Sheets at December 31, 2021 and 2020.

On October 21, 2019, Mr. Weinreb and Mr. Herlitz stepped down from their roles as Chief Executive Officer and President of the Company, respectively. The Company and each of Mr. Weinreb and Mr. Herlitz have agreed to treat their terminations of employment as terminations without cause under their respective employment and warrant agreements with the Company. Thus, effective October 21, 2019, the Weinreb Warrant and Herlitz Warrant became exercisable by the terms of their respective warrant agreements in connection with their respective terminations of employment. The warrant expiration dates remain unchanged. Neither of these warrants have been exercised as of December 31, 2021.

14. Accumulated Other Comprehensive Income

The following tables summarize changes in AOCI by component, all of which are presented net of tax:

<i>thousands</i>	
Balance as of December 31, 2018	\$ (8,126)
Other comprehensive income (loss) before reclassifications	(19,318)
(Gain) loss reclassified from accumulated other comprehensive loss to net income	(1,939)
Pension adjustment	11
Net current-period other comprehensive income (loss)	(21,246)
Balance as of December 31, 2019	(29,372)
Other comprehensive income (loss) before reclassifications	(34,906)
(Gain) loss reclassified from accumulated other comprehensive loss to net income	11,836
Pension adjustment	(84)
Share of investee's other comprehensive income	1,002
Deconsolidation of 110 North Wacker	12,934
Net current-period other comprehensive income (loss)	(9,218)
Balance as of December 31, 2020	(38,590)
Other comprehensive income (loss) before reclassifications	5,300
(Gain) loss reclassified from accumulated other comprehensive loss to net income	12,660
Pension adjustment	452
Share of investee's other comprehensive income	5,721
Net current-period other comprehensive income (loss)	24,133
Balance as of December 31, 2021	\$ (14,457)

The following table summarizes the amounts reclassified out of AOCI:

Accumulated Other Comprehensive Income (Loss) Components <i>thousands</i>	Amounts reclassified from Accumulated Other Comprehensive Income (Loss)		Affected line items in the Statements of Operations
	For the Year Ended		
	2021	2020	
(Gains) losses on cash flow hedges	\$ 16,221	\$ 14,602	Interest expense
Income taxes on (gains) losses on cash flow hedges	(3,561)	(2,766)	Income tax expense (benefit)
Total reclassifications of (income) loss for the period	\$ 12,660	\$ 11,836	

15. Earnings Per Share

Basic earnings (loss) per share (EPS) is computed by dividing net income (loss) available to common stockholders by the weighted-average number of common shares outstanding. Diluted EPS is computed after adjusting the numerator and denominator of the basic EPS computation for the effects of all potentially dilutive common shares. The dilutive effect of options and non-vested stock issued under stock-based compensation plans is computed using the treasury stock method. The dilutive effect of the warrants is computed using the if-converted method.

Information related to the Company's EPS calculations is summarized for the years ended December 31 as follows:

<i>thousands except per share amounts</i>	2021	2020	2019
Net income (loss)			
Net income (loss)	\$ 48,924	\$ (3,173)	\$ 74,295
Net (income) loss attributable to noncontrolling interests	7,176	(22,981)	(339)
Net income (loss) attributable to common stockholders	\$ 56,100	\$ (26,154)	\$ 73,956
Shares			
Weighted-average common shares outstanding - basic	54,596	52,522	43,136
Restricted stock and stock options	53	—	168
Warrants	—	—	4
Weighted-average common shares outstanding - diluted	54,649	52,522	43,308
Net income (loss) per common share			
Basic income (loss) per share	\$ 1.03	\$ (0.50)	\$ 1.71
Diluted income (loss) per share	\$ 1.03	\$ (0.50)	\$ 1.71

The diluted EPS computation excludes 255,987 shares of stock options as of December 31, 2021, 372,736 shares as of December 31, 2020, and 488,108 shares as of December 31, 2019, because their effect is anti-dilutive. The diluted EPS computation also excludes 299,506 shares of restricted stock as of December 31, 2021, 409,110 shares as of December 31, 2020, and 291,485 shares as of December 31, 2019, because their effect is anti-dilutive.

Common Stock Offering On March 27, 2020, the Company offered 2,000,000 shares of common stock to the public at \$50.00 per share and granted the underwriters an option to purchase up to an additional 300,000 shares of common stock at the same price. The underwriters exercised most of their option and purchased an additional 270,900 shares. Concurrently, the Company entered into a share purchase agreement with a related party, Pershing Square Capital Management, L.P., acting as investment advisor to funds that it manages, to issue and sell 10,000,000 shares of common stock in a private placement at \$50.00 per share. The total issuance of 12,270,900 shares closed on March 31, 2020, and the Company received \$593.6 million in net proceeds. The Company used the net proceeds for general corporate purposes including strengthening the Company's balance sheet and enhancing liquidity.

Common Stock Repurchase In October 2021, the board of directors of The Howard Hughes Corporation, authorized a share repurchase program, pursuant to which the Company may, from time to time, purchase up to \$250.0 million of its common stock through open market transactions. The date and time of such repurchases will depend upon market conditions. All repurchases will be made in compliance with, and at such times as permitted by, federal securities laws and may be suspended or discontinued at any time. The new program replaces the Company's prior share repurchase program adopted in October 2019, which authorized the repurchase of up to \$100.0 million of its common stock. Under the 2019 program, the Company had repurchased 496,000 shares of its common stock with an aggregate value of \$53.9 million. Under the new program, during the fourth quarter of 2021, the Company repurchased 1,023,284 shares of its common stock, par value \$0.01 per share, for \$96.6 million, or approximately \$94.42 per share. During the first quarter of 2022, the Company repurchased an additional 1,579,646 shares of its common stock, for \$153.4 million, or approximately \$97.10 per share, thereby completing all authorized purchases under the plan. All purchases were funded with cash on hand.

16. Revenues

The core principle of ASC 606, *Revenues from Contracts with Customers*, is that revenues from contracts with customers (excluding lease-related revenues) are recognized when control of the promised goods or services is transferred to the Company's customers in an amount that reflects the consideration the Company expects to be entitled to in exchange for those goods or services. Under ASC 606, revenue and cost of sales for condominium units sold are not recognized until the construction is complete, the sale closes and the title to the property has transferred to the buyer (point in time). Additionally, certain real estate selling costs, such as the costs related to the Company's condominium model units, are either expensed immediately or capitalized as property and equipment and depreciated over their estimated useful life.

The following presents the Company's revenues disaggregated by revenue source for the years ended December 31:

<i>thousands</i>	2021	2020	2019
Revenues from contracts with customers			
Recognized at a point in time			
Condominium rights and unit sales	\$ 514,597	\$ 1,143	\$ 448,940
Master Planned Communities land sales	346,217	233,044	330,146
Builder price participation	45,138	37,072	35,681
Total	905,952	271,259	814,767
Recognized at a point in time or over time			
Other land, rental and property revenues	152,619	105,048	206,966
Rental and lease-related revenues			
Rental revenue	369,330	323,182	278,806
Total revenues	\$ 1,427,901	\$ 699,489	\$ 1,300,539
Revenues by segment			
Operating Assets revenues	\$ 442,698	\$ 372,057	\$ 400,131
Master Planned Communities revenues	409,746	283,953	386,781
Seaport revenues	55,008	23,814	55,645
Strategic Developments revenues	520,109	19,407	457,948
Corporate revenues	340	258	34
Total revenues	\$ 1,427,901	\$ 699,489	\$ 1,300,539

Contract Assets and Liabilities Contract assets are the Company's right to consideration in exchange for goods or services that have been transferred to a customer, excluding any amounts presented as a receivable. Contract liabilities are the Company's obligation to transfer goods or services to a customer for which the Company has received consideration.

There were no contract assets for the periods presented. The contract liabilities primarily relate to escrowed condominium deposits, MPC land sales deposits and deferred MPC land sales related to unsatisfied land improvements. The beginning and ending balances of contract liabilities and significant activity during the periods presented are as follows:

<i>thousands</i>	Contract Liabilities
Balance as of December 31, 2019	\$ 246,010
Consideration earned during the period	(55,696)
Consideration received during the period	170,102
Balance as of December 31, 2020	360,416
Consideration earned during the period	(584,115)
Consideration received during the period	654,876
Balance as of December 31, 2021	\$ 431,177

Remaining Unsatisfied Performance Obligations The Company's remaining unsatisfied performance obligations represent a measure of the total dollar value of work to be performed on contracts executed and in progress. These performance obligations primarily relate to the completion of condominium construction and transfer of control to a buyer, as well as the completion of contracted MPC land sales and related land improvements. These obligations are associated with contracts that generally are noncancelable by the customer after 30 days; however, purchasers of condominium units have the right to cancel the contract should the Company elect not to construct the condominium unit within a certain period of time or materially change the design of the condominium unit. The aggregate amount of the transaction price allocated to the Company's remaining unsatisfied performance obligations as of December 31, 2021, is \$2.2 billion. The Company expects to recognize this amount as revenue over the following periods:

<i>thousands</i>	Less than 1 year	1-2 years	3 years and thereafter
Total remaining unsatisfied performance obligations	\$ 767,333	\$ 21,309	\$ 1,371,526

The Company's remaining performance obligations are adjusted to reflect any known project cancellations, revisions to project scope and cost, and deferrals, as appropriate. These amounts exclude estimated amounts of variable consideration which are constrained, such as builder price participation.

17. Leases

Lessee Arrangements The Company determines whether an arrangement is a lease at inception. Operating leases are included in Operating lease right-of-use assets, net and Operating lease obligations on the Consolidated Balance Sheets. Right-of-use assets represent the Company's right to use an underlying asset for the lease term and lease liabilities represent the Company's obligation to make lease payments arising from the lease. Operating lease right-of-use assets and liabilities are recognized at commencement date based on the present value of future minimum lease payments over the lease term. As most of the Company's leases do not provide an implicit rate, the Company uses an estimate of the incremental borrowing rate based on the information available at the lease commencement date in determining the present value of future lease payments. The Operating lease right-of-use asset also includes any lease payments made, less any lease incentives and initial direct costs incurred. The Company does not have any finance leases as of December 31, 2021.

The Company's lessee agreements consist of operating leases primarily for ground leases and other real estate. The majority of the Company's leases have remaining lease terms of approximately 25 years and one lease with a remaining lease term of 52 years, excluding extension options. Most leases include one or more options to renew, with renewal terms that can extend the lease term from two to 48 years, and some of which may include options to terminate the leases within one year. The Company considers its strategic plan and the life of associated agreements in determining when options to extend or terminate lease terms are reasonably certain of being exercised. Leases with an initial term of 12 months or less are not recorded on the balance sheet; the Company recognizes lease expense for these leases on a straight-line basis over the lease term. Certain of the Company's lease agreements include variable lease payments based on a percentage of income generated through subleases, changes in price indices and market rates, and other costs arising from operating, maintenance, and taxes. The Company's lease agreements do not contain residual value guarantees or restrictive covenants. The Company leases certain buildings and office space constructed on its ground leases to third parties.

The Company's leased assets and liabilities are as follows:

<i>thousands</i>	2021	2020
Assets		
Operating lease right-of-use assets, net	\$ 57,022	\$ 56,255
Liabilities		
Operating lease obligations	\$ 69,363	\$ 68,929

The components of lease expense for the years ended December 31 are as follows:

<i>thousands</i>	2021	2020
Operating lease cost	\$ 8,495	\$ 8,720
Variable lease costs	823	958
Net lease cost	\$ 9,318	\$ 9,678

Future minimum lease payments as of December 31, 2021, are as follows:

<i>thousands</i>	Operating Leases	
2022	\$	6,228
2023		6,348
2024		6,315
2025		4,925
2026		4,695
Thereafter		275,530
Total lease payments		304,041
Less: imputed interest		(234,678)
Present value of lease liabilities	\$	69,363

Other information related to the Company's lessee agreements is as follows:

Supplemental Consolidated Statements of Cash Flows Information <i>thousands</i>	Year ended December 31,	
	2021	2020
Cash paid for amounts included in the measurement of lease liabilities:		
Operating cash flows on operating leases	\$ 6,930	\$ 7,235

Other Information	2021	2020
Weighted-average remaining lease term (years)		
Operating leases	38.7	37.1
Weighted-average discount rate		
Operating leases	7.7 %	7.8 %

Lessor Arrangements The Company receives rental income from the leasing of retail, office, multi-family and other space under operating leases, as well as certain variable tenant recoveries. Such operating leases are with a variety of tenants and have a remaining average term of approximately four years. Lease terms generally vary among tenants and may include early termination options, extension options and fixed rental rate increases or rental rate increases based on an index. The minimum rentals based on operating leases of the consolidated properties held as of December 31, 2021, are as follows:

<i>thousands</i>	Year ended December 31,	
	2021	2020
Total Minimum Rent Payments	\$ 223,138	\$ 213,072

Total future minimum rents associated with operating leases are as follows:

<i>thousands</i>	Total Minimum Rent	
2022	\$	224,055
2023		215,186
2024		205,402
2025		176,897
2026		155,797
Thereafter		666,754
Total	\$	1,644,091

Minimum rent revenues are recognized on a straight-line basis over the terms of the related leases when collectability is reasonably assured and the tenant has taken possession of, or controls, the physical use of the leased asset. Percentage rent in lieu of fixed minimum rent is recognized as sales are reported from tenants. Minimum rent revenues reported on the Consolidated Statements of Operations also include amortization related to above and below-market tenant leases on acquired properties.

In response to the COVID-19 pandemic, the Company granted rent deferrals to certain tenants. Under the accounting elections provided by the FASB in response to the COVID-19 pandemic, the Company has elected to not assess whether COVID-19 related deferrals are lease modifications and will account for the deferrals as if contemplated in the original lease. Rent deferrals are treated as variable lease payments resulting in a decrease in straight-line rent revenue during the deferral period and additional revenue upon payment in subsequent periods. COVID-19 related rent deferrals, net of subsequent collections was \$1.0 million as of December 31, 2021, and \$4.8 million as of December 31, 2020.

In 2020, the Company sold 100 Fellowship Drive, the Company's only material sales-type lease.

18. Segments

The Company has four business segments that offer different products and services. HHC's four segments are managed separately because each requires different operating strategies or management expertise and are reflective of management's operating philosophies and methods. As further discussed in Item 7. *Management's Discussion and Analysis of Financial Condition and Results of Operations*, one common operating measure used to assess operating results for the Company's business segments is earnings before taxes (EBT). The Company's segments or assets within such segments could change in the future as development of certain properties commences or other operational or management changes occur. All operations are within the United States. The Company's reportable segments are as follows:

- **Operating Assets** – consists of developed or acquired retail, office and multi-family properties along with other real estate investments. These properties are currently generating revenues and may be redeveloped, repositioned or sold to improve segment performance or to recycle capital. This segment also included hospitality properties prior to the sale of The Woodlands Resort, The Westin at The Woodlands and Embassy Suites at Hughes Landing in the third quarter of 2021. Refer to Note 3 - *Acquisitions and Dispositions* for additional information.
- **MPC** – consists of the development and sale of land in large-scale, long-term community development projects in and around Las Vegas, Nevada; Houston, Texas; Phoenix, Arizona; and Columbia, Maryland.
- **Seaport** – consists of approximately 461,000 square feet of restaurant, retail and entertainment properties situated in three primary locations in New York, New York: Pier 17, Historic Area/Uplands and Tin Building as well as the 250 Water Street parking lot. While the Tin Building is still under development and will comprise about 53,783 square feet when completed, the two operating locations consist of third-party tenants, tenants either directly or jointly owned and operated by the Company and businesses owned and operated by the Company under licensing agreements.
- **Strategic Developments** – consists of residential condominium and commercial property projects currently under development and all other properties held for development which have no substantial operations.

Segment operating results are as follows:

<i>thousands</i>	Operating Assets Segment (a)	MPC Segment	Seaport Segment	Strategic Developments Segment	Total
Year ended December 31, 2021					
Total revenues	\$ 442,698	\$ 409,746	\$ 55,008	\$ 520,109	\$1,427,561
Total operating expenses	(209,020)	(193,851)	(77,198)	(436,698)	(916,767)
Segment operating income (loss)	233,678	215,895	(22,190)	83,411	510,794
Depreciation and amortization	(163,031)	(366)	(30,867)	(6,512)	(200,776)
Interest income (expense), net	(75,391)	42,683	357	3,701	(28,650)
Other income (loss), net	(10,746)	—	(3,730)	2,536	(11,940)
Equity in earnings (losses) from real estate and other affiliates	(67,042)	59,399	(1,988)	(221)	(9,852)
Gain (loss) on sale or disposal of real estate and other assets, net	39,168	—	—	13,911	53,079
Gain (loss) on extinguishment of debt	(1,926)	(1,004)	—	—	(2,930)
Provision for impairment	—	—	—	(13,068)	(13,068)
Segment EBT	\$ (45,290)	\$ 316,607	\$ (58,418)	\$ 83,758	\$ 296,657
Corporate income, expenses and other items					(247,733)
Net income (loss)					48,924
Net (income) loss attributable to noncontrolling interests					7,176
Net income (loss) attributable to common stockholders					\$ 56,100

<i>thousands</i>	Operating Assets Segment (a)	MPC Segment	Seaport Segment	Strategic Developments Segment	Total
Year Ended December 31, 2020					
Total revenues	\$ 372,057	\$ 283,953	\$ 23,814	\$ 19,407	\$ 699,231
Total operating expenses	(185,480)	(128,597)	(46,112)	(135,160)	(495,349)
Segment operating income (loss)	186,577	155,356	(22,298)	(115,753)	203,882
Depreciation and amortization	(162,324)	(365)	(41,602)	(6,545)	(210,836)
Interest income (expense), net	(91,411)	36,587	(12,512)	6,312	(61,024)
Other income (loss), net	540	—	(2,616)	2,165	89
Equity in earnings (losses) from real estate and other affiliates	(7,366)	17,845	(9,292)	269,912	271,099
Gain (loss) on sale or disposal of real estate and other assets, net	38,232	—	—	21,710	59,942
Gain (loss) on extinguishment of debt	(1,521)	—	(11,648)	—	(13,169)
Provision for impairment	(48,738)	—	—	—	(48,738)
Segment EBT	\$ (86,011)	\$ 209,423	\$ (99,968)	\$ 177,801	\$ 201,245
Corporate income, expenses and other items					(204,418)
Net income (loss)					(3,173)
Net (income) loss attributable to noncontrolling interests					(22,981)
Net income (loss) attributable to common stockholders					\$ (26,154)

Year Ended December 31, 2019					
Total revenues	\$ 400,131	\$ 386,781	\$ 55,645	\$ 457,948	\$ 1,300,505
Total operating expenses	(187,322)	(183,472)	(77,872)	(391,848)	(840,514)
Segment operating income (loss)	212,809	203,309	(22,227)	66,100	459,991
Depreciation and amortization	(115,499)	(424)	(26,381)	(5,473)	(147,777)
Interest income (expense), net	(81,029)	32,019	(12,865)	11,321	(50,554)
Other income (loss), net	1,142	601	(22)	831	2,552
Equity in earnings (losses) from real estate and other affiliates	3,672	28,336	(2,592)	1,213	30,629
Gain (loss) on sale or disposal of real estate and other assets, net	—	—	(6)	27,119	27,113
Selling profit from sales-type leases	13,537	—	—	—	13,537
Gain (loss) on extinguishment of debt	—	—	4,851	—	4,851
Segment EBT	\$ 34,632	\$ 263,841	\$ (59,242)	\$ 101,111	\$ 340,342
Corporate income, expenses and other items					(266,047)
Net income (loss)					74,295
Net (income) loss attributable to noncontrolling interests					(339)
Net income (loss) attributable to common stockholders					\$ 73,956

(a) Total revenues includes hospitality revenues of \$35.6 million for the year ended December 31, 2021, \$35.2 million for the year ended December 31, 2020, and \$87.9 million for the year ended December 31, 2019. Total operating expenses includes hospitality operating costs of \$30.5 million for the year ended December 31, 2021, \$32.3 million for the year ended December 31, 2020, and \$60.2 million for the year ended December 31, 2019. In September 2021, the Company completed the sale of its three hospitality properties.

The following represents assets by segment and the reconciliation of total segment assets to the total assets in the Consolidated Balance Sheets as of December 31:

<i>thousands</i>	2021	2020
Operating Assets	\$ 3,607,718	\$ 3,936,119
Master Planned Communities	3,056,240	2,285,896
Seaport	1,046,992	924,245
Strategic Developments	1,193,549	1,132,231
Total segment assets	8,904,499	8,278,491
Corporate	677,195	861,841
Total assets	\$ 9,581,694	\$ 9,140,332

**SCHEDULE III – REAL ESTATE AND ACCUMULATED DEPRECIATION
DECEMBER 31, 2021**

Name of Center <i>thousands</i>	Location	Center Type	Encumbrances (a)	Initial Cost (b)		Costs Capitalized Subsequent to Acquisition (c)		Gross Amounts at Which Carried at Close of Period (d)			Accumulated Depreciation (g)	Date of Construction	Date Acquired / Completed
				Land	Buildings and Improvements	Land (e)	Buildings and Improvements (e)(f)	Land	Buildings and Improvements (f)	Total			
Bridgeland													
Bridgeland	Cypress, TX	MPC	\$ 275,000	\$ 260,223	\$ —	\$ 259,931	\$ 1,498	\$ 520,154	\$ 1,498	\$ 521,652	\$ (640)		2004
Bridgeland Predevelopment	Cypress, TX	Development	—	—	—	—	2,061	—	2,061	2,061	—		
Lakeland Village Center at Bridgeland (h)	Cypress, TX	Retail	8,484	2,404	11,135	—	3,165	2,404	14,300	16,704	(2,364)	2015	2016
Lakeside Row	Cypress, TX	Multi-family	35,500	812	42,875	—	167	812	43,042	43,854	(3,773)	2018	2019
Starling at Bridgeland	Cypress, TX	Development	3,960	—	—	—	26,974	—	26,974	26,974	—	2021	
Columbia													
Columbia	Columbia, MD	MPC	—	457,552	—	(440,927)	—	16,625	—	16,625	—		2004
Columbia Predevelopment	Columbia, MD	Development	—	—	—	—	3,133	—	3,133	3,133	—		
10 - 70 Columbia Corporate Center (h)	Columbia, MD	Office	96,607	24,685	94,824	—	32,975	24,685	127,799	152,484	(29,478)		2012/2014
Columbia Office Properties	Columbia, MD	Office	—	1,175	14,913	—	(1,463)	1,175	13,450	14,625	(5,927)		2004 / 2007
Columbia Regional Building	Columbia, MD	Retail	23,805	—	28,865	—	2,345	—	31,210	31,210	(7,084)	2013	2014
Juniper Apartments	Columbia, MD	Multi-family	72,762	3,923	112,435	—	—	3,923	112,435	116,358	(7,247)	2018	2020
Lakefront District (i)	Columbia, MD	Development	—	400	80,053	(400)	(53,068)	—	26,985	26,985	—		Various
Marlow	Columbia, MD	Development	—	—	—	—	52,538	—	52,538	52,538	—	2021	
Merriweather District	Columbia, MD	Development	—	—	—	—	84,211	—	84,211	84,211	—		2015
Merriweather District Area 3 Standalone Restaurant	Columbia, MD	Retail	—	337	6,945	—	—	337	6,945	7,282	(117)	2019	2020
One Mall North (h)	Columbia, MD	Office	12,102	7,822	10,818	—	1,671	7,822	12,489	20,311	(1,885)		2016
One Merriweather (h)	Columbia, MD	Office	42,008	1,433	58,936	—	15,427	1,433	74,363	75,796	(11,824)	2015	2017
Two Merriweather	Columbia, MD	Office	—	1,019	4,931	—	33,812	1,019	38,743	39,762	(5,558)	2016	2017
6100 Merriweather	Columbia, MD	Office	66,345	2,550	112,669	—	1,147	2,550	113,816	116,366	(7,780)	2018	2019
Douglas Ranch													
Douglas Ranch	Phoenix, AZ	MPC	—	—	—	510,541	—	510,541	—	510,541	—		2021
Seaport													
85 South Street	New York, NY	Multi-family	—	15,913	8,137	—	3,464	15,913	11,601	27,514	(4,733)		2014
Seaport Predevelopment	New York, NY	Development	—	—	7,641	—	3,553	—	11,194	11,194	—	2013	
Tin Building	New York, NY	Development	—	—	8,290	—	162,669	—	170,959	170,959	—	2017	
Pier 17	New York, NY	Retail	—	—	468,476	—	24,731	—	493,207	493,207	(65,885)	2013	2018
Historic District Area / Uplands	New York, NY	Retail	—	—	7,884	—	116,746	—	124,630	124,630	(22,380)	2013	2016
250 Water Street	New York, NY	Development	100,000	—	179,471	—	23,550	—	203,021	203,021	—		2018
Summerlin													
1700 Pavilion (j)	Las Vegas, NV	Development	64	—	—	—	48,381	—	48,381	48,381	—	2021	
Aristocrat (j)	Las Vegas, NV	Office	36,095	5,004	34,588	—	159	5,004	34,747	39,751	(4,178)	2017	2018
Constellation Apartments	Las Vegas, NV	Multi-family	24,200	3,069	39,759	—	39	3,069	39,798	42,867	(6,222)		2017
Downtown Summerlin (j)(k)	Las Vegas, NV	Retail/Office	1,936	30,855	364,100	—	22,858	30,855	386,958	417,813	(96,978)	2013	2014 / 2015
Hockey Ground Lease (j)	Las Vegas, NV	Other	198	—	—	6,705	2,198	6,705	2,198	8,903	(238)		2017
Las Vegas Ballpark (j)(l)	Las Vegas, NV	Other	46,712	—	179	5,318	124,664	5,318	124,843	130,161	(17,899)	2018	2019
Two Summerlin (j)	Las Vegas, NV	Office	80	3,037	47,104	—	1,908	3,037	49,012	52,049	(6,166)	2017	2018
Summerlin	Las Vegas, NV	MPC	66,492	990,179	—	(58,457)	799	931,722	799	932,521	(461)		2004
Summerlin Predevelopment	Las Vegas, NV	Development	—	—	—	—	3,173	—	3,173	3,173	—		

FINANCIAL STATEMENT SCHEDULE

Name of Center <i>thousands</i>	Location	Center Type	Encumbrances (a)	Initial Cost (b)		Costs Capitalized Subsequent to Acquisition (c)		Gross Amounts at Which Carried at Close of Period (d)			Accumulated Depreciation (g)	Date of Construction	Date Acquired / Completed
				Land	Buildings and Improvements	Land (e)	Buildings and Improvements (e)(f)	Land	Buildings and Improvements (f)	Total			
Tanager Apartments (j)	Las Vegas, NV	Multi-family	58,604	9,633	55,858	(2,302)	(1,869)	7,331	53,989	61,320	(5,002)	2017	2019
Tanager Echo (j)	Las Vegas, NV	Development	75	—	—	—	27,617	—	27,617	27,617	—	2021	
The Woodlands													
Creekside Park Apartments	The Woodlands, TX	Multi-family	37,730	729	40,116	—	192	729	40,308	41,037	(4,908)	2017	2018
Creekside Park Medical Plaza	The Woodlands, TX	Development	—	—	—	—	829	—	829	829	—		
Creekside Park The Grove	The Woodlands, TX	Multi-family	39,503	—	—	1,876	51,685	1,876	51,685	53,561	(1,303)	2019	2021
Creekside Park West	The Woodlands, TX	Retail	15,497	1,228	17,922	—	332	1,228	18,254	19,482	(1,296)	2018	2019
Creekside Village Green (h)	The Woodlands, TX	Retail	10,234	2,551	33,822	(1,228)	(18,193)	1,323	15,629	16,952	(3,338)	2013	2015
HHC 242 Self-Storage	The Woodlands, TX	Other	—	878	6,802	—	1,114	878	7,916	8,794	(1,020)	2015	2017
HHC 2978 Self-Storage	The Woodlands, TX	Other	—	124	5,498	—	2,063	124	7,561	7,685	(939)	2016	2017
One Hughes Landing	The Woodlands, TX	Office	49,578	1,678	34,761	—	617	1,678	35,378	37,056	(12,176)	2012	2013
Two Hughes Landing	The Woodlands, TX	Office	47,184	1,269	34,950	—	(4,072)	1,269	30,878	32,147	(9,024)	2013	2014
Three Hughes Landing	The Woodlands, TX	Office	70,000	2,626	46,372	—	32,290	2,626	78,662	81,288	(16,135)	2014	2016
1725 Hughes Landing Boulevard	The Woodlands, TX	Office	61,207	1,351	36,764	—	38,374	1,351	75,138	76,489	(22,793)	2013	2015
1735 Hughes Landing Boulevard	The Woodlands, TX	Office	58,793	3,709	97,651	—	(330)	3,709	97,321	101,030	(26,286)	2013	2015
Hughes Landing Daycare	The Woodlands, TX	Other	—	138	—	—	—	138	—	138	—	2018	2019
Hughes Landing Retail	The Woodlands, TX	Retail	33,633	5,184	—	—	32,290	5,184	32,290	37,474	(8,293)	2013	2015
1701 Lake Robbins (h)	The Woodlands, TX	Retail	2,195	1,663	3,725	—	459	1,663	4,184	5,847	(853)		2014
Lake Woodlands Crossing Retail	The Woodlands, TX	Retail	12,329	5,122	11,440	—	10	5,122	11,450	16,572	(1,391)	2017	2018
2201 Lake Woodlands Drive	The Woodlands, TX	Office	—	3,755	—	—	1,210	3,755	1,210	4,965	(410)		2011
Lakefront North	The Woodlands, TX	Office	—	10,260	39,357	—	12,303	10,260	51,660	61,920	(5,586)		2018
Memorial Hermann Health System Build-to-Suit	The Woodlands, TX	Development	—	—	—	—	1,058	—	1,058	1,058	—	2021	
One Lakes Edge	The Woodlands, TX	Multi-family	68,648	1,057	81,768	—	613	1,057	82,381	83,438	(16,713)	2013	2015
Two Lakes Edge	The Woodlands, TX	Multi-family	68,806	1,870	96,349	—	—	1,870	96,349	98,219	(6,670)	2018	2020
Millennium Six Pines Apartments	The Woodlands, TX	Multi-family	42,500	4,000	54,624	7,225	675	11,225	55,299	66,524	(11,193)		2016
Millennium Waterway Apartments	The Woodlands, TX	Multi-family	50,813	15,917	56,002	—	3,620	15,917	59,622	75,539	(22,453)		2012
The Lane at Waterway	The Woodlands, TX	Multi-family	27,279	2,029	40,033	—	—	2,029	40,033	42,062	(1,795)	2019	2020
8770 New Trails	The Woodlands, TX	Office	35,482	2,204	35,033	—	—	2,204	35,033	37,237	(3,104)	2019	2020
9303 New Trails	The Woodlands, TX	Office	10,308	1,929	11,915	—	1,405	1,929	13,320	15,249	(3,665)		2011
3831 Technology Forest Drive	The Woodlands, TX	Office	20,210	514	14,194	—	1,813	514	16,007	16,521	(5,635)	2014	2014
20/25 Waterway Avenue	The Woodlands, TX	Retail	12,564	2,346	8,871	—	(74)	2,346	8,797	11,143	(2,573)		2011
Waterway Garage Retail	The Woodlands, TX	Retail	—	1,341	4,255	—	853	1,341	5,108	6,449	(1,447)		2011
3 Waterway Square	The Woodlands, TX	Office	44,747	748	—	—	38,967	748	38,967	39,715	(13,142)	2012	2013
4 Waterway Square	The Woodlands, TX	Office	30,185	1,430	51,553	—	6,257	1,430	57,810	59,240	(19,830)		2011
The Woodlands	The Woodlands, TX	MPC	—	269,411	9,814	(81,992)	(9,744)	187,419	70	187,489	(58)		2011
The Woodlands Predevelopment	The Woodlands, TX	Development	—	—	—	—	28,876	—	28,876	28,876	(427)		
The Woodlands Ground Leases	The Woodlands, TX	Other	—	1,770	—	3,659	—	5,429	—	5,429	—		Various
The Woodlands Parking Garages	The Woodlands, TX	Other	—	5,857	—	2,497	14,776	8,354	14,776	23,130	(2,958)		2011 / 2013
2000 Woodlands Parkway	The Woodlands, TX	Retail	—	—	—	—	655	—	655	655	(172)		2016
The Woodlands Towers at the Waterway	The Woodlands, TX	Office	333,820	11,044	437,561	—	16,929	11,044	454,490	465,534	(29,379)		2019
The Woodlands Warehouse	The Woodlands, TX	Other	13,700	4,480	4,389	—	—	4,480	4,389	8,869	(359)		2019
1400 Woodloch Forest	The Woodlands, TX	Office	—	—	—	1,570	16,025	1,570	16,025	17,595	(5,764)		2011

Name of Center <i>thousands</i>	Location	Center Type	Encumbrances (a)	Initial Cost (b)		Costs Capitalized Subsequent to Acquisition (c)		Gross Amounts at Which Carried at Close of Period (d)			Accumulated Depreciation (g)	Date of Construction	Date Acquired / Completed
				Land	Buildings and Improvements	Land (e)	Buildings and Improvements (e)(f)	Land	Buildings and Improvements (f)	Total			
The Woodlands Hills													
The Woodlands Hills	Conroe, TX	MPC	—	99,284	—	17,022	39	116,306	39	116,345	(8)		2014
Ward Village													
'A'ali'i	Honolulu, HI	Condominium	—	—	—	—	12,148	—	12,148	12,148	(3,890)	2018	2021
Ae'o	Honolulu, HI	Condominium	—	9,795	85,046	(9,795)	(83,884)	—	1,162	1,162	(87)	2016	2018
Anaha	Honolulu, HI	Condominium	—	5,546	47,450	(5,546)	(46,353)	—	1,097	1,097	(112)	2014	2017
Ke Kihohana	Honolulu, HI	Condominium	—	152	12,842	(152)	(12,186)	—	656	656	(44)	2016	2019
Kewalo Basin Harbor	Honolulu, HI	Other	11,479	—	24,116	—	10	—	24,126	24,126	(3,628)	2017	2019
Ko'ula	Honolulu, HI	Development	150,183	—	—	—	305,602	—	305,602	305,602	(3,961)	2019	
Victoria Place	Honolulu, HI	Development	49,000	—	—	—	90,085	—	90,085	90,085	(4,426)	2021	
Waiea	Honolulu, HI	Condominium	—	—	20,812	—	(19,249)	—	1,563	1,563	(171)	2014	2017
Ward Predevelopment	Honolulu, HI	Development	—	—	24,069	—	82,154	—	106,223	106,223	(4,934)	2013	
Ward Village Retail (h)	Honolulu, HI	Retail	184,038	164,007	89,321	(81,359)	297,778	82,648	387,099	469,747	(112,972)		Various
Other													
Outlet Collection at Riverwalk	New Orleans, LA	Retail	26,742	—	94,513	—	(35,573)	—	58,940	58,940	(19,462)	2013	2014
Total excluding Corporate, Deferred financing costs and Unamortized bond issuance costs			2,589,416	2,471,021	3,514,596	134,186	1,635,681	2,605,207	5,150,277	7,755,484	(730,602)		
Corporate	Various		2,050,000	885	1,027	(885)	20,044	—	21,071	21,071	(12,709)		
Unamortized bond issuance costs	N/A		—	—	—	—	—	—	—	—	—		
Deferred financing costs	N/A		(48,259)	—	—	—	—	—	—	—	—		
Total			\$ 4,591,157	\$ 2,471,906	\$ 3,515,623	\$ 133,301	\$ 1,655,725	\$ 2,605,207	\$ 5,171,348	\$ 7,776,555	\$ (743,311)		

- (a) See description of Encumbrances in Note 7 - *Mortgages, Notes and Loans Payable, Net* in the Notes to Consolidated Financial Statements under Item 8 of this Form 10-K.
- (b) Initial cost for projects undergoing development or redevelopment is cost at end of first complete calendar year subsequent to opening.
- (c) For retail and other properties, costs capitalized subsequent to acquisitions is net of cost of disposals or other property write-downs. For MPCs, costs capitalized subsequent to acquisitions are net of the cost of land sales.
- (d) The aggregate cost of land, building and improvements for federal income tax purposes is approximately \$6.5 billion.
- (e) Reductions in Land reflect transfers to Buildings and Improvements for projects which the Company is internally developing.
- (f) Includes all amounts related to Developments.
- (g) Depreciation is computed based upon the useful lives in Note 1 - *Summary of Significant Accounting Policies* in the Notes to Consolidated Financial Statements under Item 8 of this Form 10-K.
- (h) Property is collateral for the Senior Secured Credit Facility. See Note 7 - *Mortgages, Notes and Loans Payable, Net* in the Notes to Consolidated Financial Statements under Item 8 of this Form 10-K for additional information. The Ward Village Retail line includes \$29.9 million related to Ae'o Retail and \$9.1 million related to Ke Kihohana retail that are not collateral for the Senior Secured Credit Facility.
- (i) Lakefront District includes American City Building acquired in 2016, Ridgley Building acquired in 2017 and Sterrett Place acquired in 2018, all of which have been demolished and now represent future development rights.
- (j) Encumbrances balance either represents or is inclusive of SIDs. See Note 7 - *Mortgages, Notes and Loans Payable, Net* in the Notes to Consolidated Financial Statements under Item 8 of this Form 10-K for additional information.
- (k) Downtown Summerlin includes the One Summerlin office property, which was placed in service in 2015.
- (l) Includes the Las Vegas Aviators.

Reconciliation of Real Estate			
<i>thousands</i>	2021	2020	2019
Balance as of January 1,	\$ 7,319,133	\$ 7,268,288	\$ 6,163,287
Change in land	896,508	228,402	239,558
Additions	657,760	716,614	1,513,888
Impairments	(13,068)	(48,738)	—
Dispositions and write-offs and land and condominium costs of sales	(1,083,778)	(845,433)	(648,445)
Balance as of December 31,	\$ 7,776,555	\$ 7,319,133	\$ 7,268,288

Reconciliation of Accumulated Depreciation			
<i>thousands</i>	2021	2020	2019
Balance as of January 1,	\$ 634,064	\$ 507,933	\$ 380,892
Depreciation Expense	185,418	198,556	143,698
Dispositions and write-offs	(76,171)	(72,425)	(16,657)
Balance as of December 31,	\$ 743,311	\$ 634,064	\$ 507,933

Item 9. Changes in and Disagreements with Accountants on Accounting and Financial Disclosure

None.

Item 9A. Controls and Procedures

DISCLOSURE CONTROLS AND PROCEDURES

We maintain disclosure controls and procedures (as defined in Rule 13a-15(e) under the Exchange Act) that are designed to provide reasonable assurance that information required to be disclosed in our reports to the SEC is recorded, processed, summarized and reported within the time periods specified in the SEC's rules and forms, and that such information is accumulated and communicated to our management, including our principal executive officer and our principal financial and accounting officer, as appropriate, to allow timely decisions regarding required disclosure.

As required by SEC rules, we carried out an evaluation, under the supervision and with the participation of our management, including our principal executive officer and our principal financial and accounting officer, of the effectiveness of the design and operation of our disclosure controls and procedures as of December 31, 2021, the end of the period covered by this report. Based on the foregoing, our principal executive officer and principal financial and accounting officer concluded that our disclosure controls and procedures were effective as of December 31, 2021.

INTERNAL CONTROLS OVER FINANCIAL REPORTING

There were no other changes to our internal control over financial reporting that occurred during the period covered by this report that have materially affected, or are reasonably likely to materially affect, our internal control over financial reporting.

MANAGEMENT'S REPORT ON INTERNAL CONTROL OVER FINANCIAL REPORTING

Management is responsible for establishing and maintaining a system of internal control over financial reporting designed to provide reasonable assurance that transactions are executed in accordance with management authorization and that such transactions are properly recorded and reported in the financial statements, and that records are maintained so as to permit preparation of the financial statements in accordance with U.S. generally accepted accounting principles. Because of its inherent limitations, internal control over financial reporting may not prevent or detect misstatements. Management has assessed the effectiveness of the Company's internal control over financial reporting utilizing the criteria set forth by the Committee of Sponsoring Organizations of the Treadway Commission in Internal Control – Integrated Framework (2013 Framework). Management concluded, based on its assessment, that The Howard Hughes Corporation's internal control over financial reporting was effective as of December 31, 2021. Ernst & Young LLP, an independent registered public accounting firm, has audited the Company's internal control over financial reporting as of December 31, 2021, as stated in their report which is included in this Annual Report on Form 10-K.

REPORT OF INDEPENDENT REGISTERED PUBLIC ACCOUNTING FIRM

To the Stockholders and the Board of Directors of

The Howard Hughes Corporation

Opinion on Internal Control Over Financial Reporting

We have audited The Howard Hughes Corporation's internal control over financial reporting as of December 31, 2021, based on criteria established in Internal Control-Integrated Framework issued by the Committee of Sponsoring Organizations of the Treadway Commission (2013 framework) (the COSO criteria). In our opinion, The Howard Hughes Corporation (the Company) maintained, in all material respects, effective internal control over financial reporting as of December 31, 2021, based on the COSO criteria.

We also have audited, in accordance with the standards of the Public Company Accounting Oversight Board (United States) (PCAOB), the 2021 consolidated financial statements of the Company and our report dated February 28, 2022 expressed an unqualified opinion thereon.

Basis for Opinion

The Company's management is responsible for maintaining effective internal control over financial reporting and for its assessment of the effectiveness of internal control over financial reporting included in the accompanying Management's Report on Internal Control over Financial Reporting. Our responsibility is to express an opinion on the Company's internal control over financial reporting based on our audit. We are a public accounting firm registered with the PCAOB and are required to be independent with respect to the Company in accordance with the U.S. federal securities laws and the applicable rules and regulations of the Securities and Exchange Commission and the PCAOB.

We conducted our audit in accordance with the standards of the PCAOB. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether effective internal control over financial reporting was maintained in all material respects.

Our audit included obtaining an understanding of internal control over financial reporting, assessing the risk that a material weakness exists, testing and evaluating the design and operating effectiveness of internal control based on the assessed risk, and performing such other procedures as we considered necessary in the circumstances. We believe that our audit provides a reasonable basis for our opinion.

Definition and Limitations of Internal Control Over Financial Reporting

A company's internal control over financial reporting is a process designed to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with generally accepted accounting principles. A company's internal control over financial reporting includes those policies and procedures that (1) pertain to the maintenance of records that, in reasonable detail, accurately and fairly reflect the transactions and dispositions of the assets of the company; (2) provide reasonable assurance that transactions are recorded as necessary to permit preparation of financial statements in accordance with generally accepted accounting principles, and that receipts and expenditures of the company are being made only in accordance with authorizations of management and directors of the company; and (3) provide reasonable assurance regarding prevention or timely detection of unauthorized acquisition, use, or disposition of the company's assets that could have a material effect on the financial statements.

Because of its inherent limitations, internal control over financial reporting may not prevent or detect misstatements. Also, projections of any evaluation of effectiveness to future periods are subject to the risk that controls may become inadequate because of changes in conditions, or that the degree of compliance with the policies or procedures may deteriorate.

/s/ Ernst & Young LLP

Houston, Texas

February 28, 2022

Item 9B. Other Information

None.

PART III

Item 10. Directors, Executive Officers and Corporate Governance

The information required by Item 10 is incorporated by reference to the relevant information included in our proxy statement for our 2022 Annual Meeting of Stockholders.

Item 11. Executive Compensation

The information required by Item 11 is incorporated by reference to the relevant information included in our proxy statement for our 2022 Annual Meeting of Stockholders.

Item 12. Security Ownership of Certain Beneficial Owners and Management and Related Stockholder Matters

The information required by Item 12 is incorporated by reference to the relevant information included in our proxy statement for our 2022 Annual Meeting of Stockholders.

Item 13. Certain Relationships and Related Transactions, and Director Independence

The information required by Item 13 is incorporated by reference to the relevant information included in our proxy statement for our 2022 Annual Meeting of Stockholders.

Item 14. Principal Accountant Fees and Services

The information required by Item 14 is incorporated by reference to the relevant information included in our proxy statement for our 2022 Annual Meeting of Stockholders.

PART IV**Item 15. Exhibits, Financial Statement Schedule**

(a) Financial Statements and Financial Statement Schedule.

The Consolidated Financial Statements and Schedule listed in the Index to this Form 10-K on page 75 are filed as part of this Annual Report. No additional financial statement schedules are presented as the required information is not applicable, not present in amounts sufficient to require submission of the schedule or because the information required is enclosed in the Consolidated Financial Statements and notes thereto.

(b) Exhibits.

Exhibit No. Description of Exhibit

- 3.1 Second Amended and Restated Certificate of Incorporation of the Howard Hughes Corporation (incorporated by reference to Exhibit 3.1 to the Company's Current Report on Form 8-K, filed May 24, 2016)
- 3.2 Amended and Restated Bylaws of The Howard Hughes Corporation (incorporated by reference to Exhibit 3.2 to the Company's Current Report on Form 8-K, filed November 12, 2010)
- 3.3 Amendment No. 1 to the Amended and Restated Bylaws of The Howard Hughes Corporation (incorporated by reference to Exhibit 3.2 to the Company's Current Report on Form 8-K, filed May 24, 2016)
- 3.4 Certificate of Designations of Series A Junior Participating Preferred Stock, filed with the Secretary of State of Delaware on February 29, 2012 (incorporated by reference to Exhibit 3.1 to the Company's Current Report on Form 8-K, filed February 29, 2012)
- 4.1 Indenture, dated as of March 16, 2017 by and between The Howard Hughes Corporation and Wells Fargo Bank, National Association, as trustee (incorporated by reference to Exhibit 4.1 to the Company's Current Report on Form 8-K, filed on March 21, 2017)
- 4.1.1 Second Supplemental Indenture, dated as of August 18, 2020, to the indenture dated as of March 16, 2017 and first supplemented as of June 15, 2017, by and among HHC Warehouse Holdings Company, LLC, HH Warehouse Land Holdings, LLC, The Howard Hughes Corporation and Wells Fargo Bank, National Association, as the trustee (incorporated by reference to Exhibit 4.2 to the Company's Current Report on Form 8-K, filed on August 21, 2020)
- 4.1.2 Third Supplemental Indenture, dated as of October 2, 2020, to the indenture dated as of March 16, 2017, as first supplemented on June 15, 2017 and as further supplemented on August 18, 2020, among The Howard Hughes Corporation, HH Woodlands Tower Holdings, LLC, API/ HHC Lake Robbins Holding Company, LLC and Wells Fargo Bank, National Association, as trustee (incorporated by reference to Exhibit 4.2 to the Company's Current Report on Form 8-K, filed on October 7, 2020)
- 4.1.3 Fourth Supplemental Indenture, dated as of February 2, 2021, to the indenture dated as of March 16, 2017, by and among The Howard Hughes Corporation, HHC Warehouse Holdings Company, LLC, HH Warehouse Land Holdings, LLC, HH Woodlands Tower Holdings, LLC, API/HHC Lake Robbins Holding Company, LLC, and Wells Fargo Bank, National Association, as the trustee (incorporated by reference to Exhibit 4.3 to the Company's Current Report on Form 8-K, filed on February 4, 2021)
- 4.2 Indenture, dated as of August 18, 2020, by and among The Howard Hughes Corporation, HHC Warehouse Holdings Company, LLC, HH Warehouse Land Holdings, LLC and Wells Fargo Bank, National Association, as trustee (incorporated by reference to Exhibit 4.1 to the Company's Current Report on Form 8-K, filed on August 21, 2020)
- 4.2.1 First Supplemental Indenture, dated as of October 2, 2020, to the indenture dated as of August 18, 2020, among The Howard Hughes Corporation, HH Woodlands Tower Holdings, LLC, API/ HHC Lake Robbins Holding Company, LLC and Wells Fargo Bank, National Association, as trustee (incorporated by reference to Exhibit 4.1 to the Company's Current Report on Form 8-K, filed on October 7, 2020)
- 4.3 Indenture, dated as of February 2, 2021, by and among The Howard Hughes Corporation, HHC Warehouse Holding Company, LLC, HH Warehouse Land Holdings, LLC, HH Woodlands Tower Holdings, LLC, API/HHC Lake Robbins Holding Company, LLC, and Wells Fargo Bank, National Association, as trustee (incorporated by reference to Exhibit 4.1 to the Company's Current Report on Form 8-K, filed on February 4, 2021)
- 4.4 Indenture, dated as of February 2, 2021, by and among The Howard Hughes Corporation, HHC Warehouse Holding Company, LLC, HH Warehouse Land Holdings, LLC, HH Woodlands Tower Holdings, LLC, API/HHC Lake Robbins Holding Company, LLC, and Wells Fargo Bank, National Association, as trustee (incorporated by reference to Exhibit 4.2 to the Company's Current Report on Form 8-K, filed on February 4, 2021)

4.5	<u>Form of Senior Indenture (incorporated by reference to Exhibit 4.3 to the Company's Registration Statement on Form S-3, filed March 27, 2020)</u>
4.6	<u>Form of Subordinated Indenture (incorporated by reference to Exhibit 4.4 to the Company's Registration Statement on Form S-3, filed March 27, 2020)</u>
4.7	<u>Form of Senior Note (incorporated by reference to Exhibit 4.5 to the Company's Registration Statement on Form S-3, filed March 27, 2020)</u>
4.8	<u>Form of Subordinated Note (incorporated by reference to Exhibit 4.6 to the Company's Registration Statement on Form S-3, filed March 27, 2020)</u>
4.9*	Form of Deposit Agreement
4.10*	Form of Warrant Agreement
4.11*	Form of Purchase Contract Agreement
4.12*	Form of Unit Agreement
4.13+	<u>Description of Securities of the Registrant</u>
10.1	<u>Form of indemnification agreement for directors and certain executive officers of The Howard Hughes Corporation (incorporated by reference to Exhibit 10.7 to the Company's Current Report on Form 8-K, filed November 12, 2010)</u>
10.2	<u>Registration Rights Agreement, dated November 9, 2010, between The Howard Hughes Corporation and Pershing Square Capital Management, L.P., Blackstone Real Estate Partners VI L.P., Blackstone Real Estate Partners (AIV) VI L.P., Blackstone Real Estate Partners VI.F L.P., Blackstone Real Estate Partners VI.TE.1 L.P., Blackstone Real Estate Partners VI.TE.2 L.P., Blackstone Real Estate Holdings VI L.P., and Blackstone GGP Principal Transaction Partners L.P. (incorporated by reference to Exhibit 99.4 to the Company's Current Report on Form 8-K, filed November 12, 2010)</u>
10.3**	<u>Form of Restricted Stock Agreement for Nonemployee Directors under The Howard Hughes Corporation 2010 Amended and Restated Incentive Plan (incorporated by reference to Exhibit 10.5 to the Company's Current Report on Form 10-K, filed February 27, 2019)</u>
10.4**	<u>Form of Time-based Restricted Stock Agreement for Executive Officers under The Howard Hughes Corporation 2010 Amended and Restated Incentive Plan (incorporated by reference to Exhibit 10.7 to the Company's Current Report on Form 10-K, filed February 27, 2019)</u>
10.5**	<u>Form of Performance-based Restricted Stock Agreement for Executive Officers under The Howard Hughes Corporation 2010 Amended and Restated Incentive Plan (incorporated by reference to Exhibit 10.8 to the Company's Current Report on Form 10-K, filed February 27, 2019)</u>
10.6**	<u>Form of Time-based Restricted Stock Agreement for Employees under The Howard Hughes Corporation Amended and Restated 2010 Incentive Plan (incorporated by reference to Exhibit 10.9 to the Company's Current Report on Form 10-K, filed February 27, 2019)</u>
10.7**	<u>Form of Performance-based Restricted Stock Agreement for Employees under The Howard Hughes Corporation Amended and Restated 2010 Incentive Plan (incorporated by reference to Exhibit 10.10 to the Company's Current Report on Form 10-K, filed February 27, 2019)</u>
10.8**	<u>Form of Time-based Restricted Stock Agreement for Executive Officers under The Howard Hughes Corporation 2010 Amended and Restated Incentive Plan (incorporated by reference to Exhibit 10.2 to the Company's Quarterly Report on Form 10-Q, filed May 6, 2019)</u>
10.9**	<u>Form of Performance-based Restricted Stock Agreement for Executive Officers under The Howard Hughes Corporation 2010 Amended and Restated Incentive Plan (incorporated by reference to Exhibit 10.3 to the Company's Quarterly Report on Form 10-Q, filed May 6, 2019)</u>
10.10**	<u>Form of Time-based Restricted Stock Agreement for Employees under The Howard Hughes Corporation Amended and Restated 2010 Incentive Plan (incorporated by reference to Exhibit 10.4 to the Company's Quarterly Report on Form 10-Q, filed May 6, 2019)</u>
10.11**	<u>Form of Performance-based Restricted Stock Agreement for Employees under The Howard Hughes Corporation Amended and Restated 2010 Incentive Plan (incorporated by reference to Exhibit 10.5 to the Company's Quarterly Report on Form 10-Q, filed May 6, 2019)</u>

- 10.12** [Employment Agreement, dated as of November 6, 2017, between The Howard Hughes Corporation and Peter F. Riley \(incorporated by reference to Exhibit 10.1 to the Company's Current Report on Form 8-K, filed November 9, 2017\)](#)
- 10.13** [Amended and Restated Employment Agreement, dated as of February 21, 2018, between The Howard Hughes Corporation and David O'Reilly \(incorporated by reference to Exhibit 10.11 to the Company's Annual Report on Form 10-K, filed February 26, 2018\)](#)
- 10.14** [Restricted Stock Agreement, dated as of November 8, 2017, between The Howard Hughes Corporation and Peter F. Riley \(incorporated by reference to Exhibit 10.2 to the Company's Current Report on Form 8-K, filed November 9, 2017\)](#)
- 10.15** [Warrant Grant Agreement, dated as of June 16, 2017, between The Howard Hughes Corporation and David R. Weinreb \(incorporated by reference to Exhibit 10.1 to the Company's Current Report on Form 8-K, filed June 20, 2017\)](#)
- 10.16** [Warrant Grant Agreement, dated as of October 4, 2017, between The Howard Hughes Corporation and Grant Herlitz \(incorporated by reference to Exhibit 10.1 to the Company's Current Report on Form 8-K, filed October 5, 2017\)](#)
- 10.17** [Warrant Purchase Agreement, dated October 7, 2016, between The Howard Hughes Corporation and David O'Reilly \(incorporated by reference to Exhibit 10.3 to the Company's Current Report on Form 8-K, filed October 11, 2016\)](#)
- 10.18** [Saul Scherl offer letter, dated as of February 21, 2019 \(incorporated by reference to Exhibit 10.21 to the Company's Current Report on Form 10-K, filed February 27, 2019\)](#)
- 10.19 [Loan Agreement dated as of September 29, 2011, by and among Victoria Ward, Limited along with certain Victoria Ward, Limited's subsidiaries, as borrowers, Wells Fargo Bank, National Association, as Administrative Agent and lead lender, CIBC, First Hawaiian Bank, Bank of Hawaii and Central Pacific Bank, as lenders, and Wells Fargo Securities, L.L.C., as Sole Lead Arranger and Sole Bookrunner \(incorporated by reference to Exhibit 10.1 to the Company's Current Report on Form 8-K, filed October 4, 2011\)](#)
- 10.20 [Loan Agreement dated as of July 15, 2014, by and among The Shops at Summerlin North, LP, The Shops at Summerlin South, LP, Wells Fargo Bank, National Association, as Administrative Agent and lead lender, U.S. Bank National Association, as Syndication Agent and a lender, the other lending institutions party thereto, and Wells Fargo Securities, L.L.C., as sole Lead Arranger and Sole Bookrunner \(incorporated by reference to Exhibit 10.1 to the Company's Current Report on Form 8-K, filed July 16, 2014\)](#)
- 10.21 [Loan Agreement dated as of September 18, 2018, by and among Victoria Ward, Limited; Victoria Ward Center L.L.C.; Victoria Ward Entertainment Center L.L.C.; 1240 Ala Moana, LLC; Anaha Retail Holdings, LLC; Waiea Retail Holdings, LLC; 10 CCC, LLC; 20 CCC, LLC; 30 CCC, LLC; 10/20/30 CCC Parking Deck, LLC; 40 CCC, LLC; 40 CCC Parking Deck, LLC; 50 CCC, LLC; 60 CCC, LLC; 70 CC, LLC; 50/60/70 CCC Parking Deck, LLC; One Mall North, LLC; Crescent Area 1 Holdings, LLC; Crescent Area 1 Parking Deck 1, LLC; HL Champion Holding Company, LLC; Lakeland Village Holding Company, LLC; Waterway Hotel Holdings, LLC; HL-Hotel Holding Company, LLC; CSPV Holdings, LLC; 1701 Lake Robbins, LLC; Wells Fargo Bank, National Association, as administrative agent and a lender; Wells Fargo Securities, L.L.C., as sole lead arranger and sole book-runner; and the other lenders party thereto \(incorporated by reference to Exhibit 10.1 to the Company's Current Report on Form 8-K, filed September 24, 2018\)](#)
- 10.22** [The Howard Hughes Corporation 2010 Amended and Restated Incentive Plan \(incorporated by reference to Exhibit 10.1 to the Company's Current Report on Form 8-K, filed June 14, 2012\)](#)
- 10.23** [Form of The Howard Hughes Corporation Deferred Compensation Plan \(incorporated by reference to Exhibit 99.1 to the Company's Current Report on Form 8-K, filed September 17, 2014\)](#)
- 10.24** [The Howard Hughes Corporation Management Co., LLC Separation Benefit Plan \(incorporated by reference to Exhibit 10.1 to the Company's Current Report on Form 8-K, filed August 16, 2017\)](#)
- 10.25** [Amendment to Employment Agreement, dated November 13, 2019, between Peter F. Riley and The Howard Hughes Corporation \(incorporated by reference to Exhibit 10.1 to the Company's Current Report on Form 8-K, filed November 14, 2019\)](#)
- 10.26** [Form of Time-based Restricted Stock Agreement for Executive Officers under The Howard Hughes Corporation 2010 Amended and Restated Incentive Plan \(incorporated by reference to Exhibit 10.1 to the Company's Quarterly Report on Form 10-Q, filed May 11, 2020\)](#)
- 10.27** [Form of Performance-based Restricted Stock Agreement for Executive Officers under The Howard Hughes Corporation 2010 Amended and Restated Incentive Plan \(incorporated by reference to Exhibit 10.2 to the Company's Quarterly Report on Form 10-Q, filed May 11, 2020\)](#)

- 10.28** [Form of Time-based Restricted Stock Agreement for Employees under The Howard Hughes Corporation 2010 Amended and Restated Incentive Plan \(incorporated by reference to Exhibit 10.3 to the Company's Quarterly Report on Form 10-Q, filed May 11, 2020\)](#)
- 10.29** [Form of Performance-based Restricted Stock Agreement for Employees under The Howard Hughes Corporation 2010 Amended and Restated Incentive Plan \(incorporated by reference to Exhibit 10.4 to the Company's Quarterly Report on Form 10-Q, filed May 11, 2020\)](#)
- 10.30** [Saul Scherl Employment Letter, dated as of February 12, 2020 \(incorporated by reference to Exhibit 10.5 to the Company's Quarterly Report on Form 10-Q, filed May 11, 2020\)](#)
- 10.31** [Time-based Restricted Stock Agreement, dated as of February 12, 2020, by and between The Howard Hughes Corporation and Saul Scherl \(incorporated by Reference to Exhibit 10.6 to the Company's Quarterly Report on Form 10-Q, filed May 11, 2020\)](#)
- 10.32** [Performance-based Restricted Stock Agreement, dated as of February 12, 2020, by and between The Howard Hughes Corporation and Saul Scherl \(incorporated by reference to Exhibit 10.7 to the Company's Quarterly Report on Form 10-Q, filed May 11, 2020\)](#)
- 10.33** [Amendment No. 1 to Nonqualified Employee Stock Option Agreement, dated as of February 12, 2020, by and between The Howard Hughes Corporation and Saul Scherl \(incorporated by reference to Exhibit 10.8 to the Company's Quarterly Report on Form 10-Q, filed May 11, 2020\)](#)
- 10.34 [Share Purchase Agreement, dated March 27, 2020, by and among The Howard Hughes Corporation and Pershing Square Capital Management, L.P. \(incorporated by reference to Exhibit 10.1 to the Company's Current Report on Form 8-K, filed March 31, 2020\)](#)
- 10.35** [Employment Separation Agreement and Release, dated as of February 8, 2020, by and between The Howard Hughes Corporation and Simon Treacy \(incorporated by reference to Exhibit 10.10 to the Company's Quarterly Report on Form 10-Q, filed May 11, 2020\)](#)
- 10.36** [The Howard Hughes Corporation 2020 Equity Incentive Plan \(incorporated by reference to Exhibit 10.1 to the Company's Current Report on Form 8-K, filed May 20, 2020\)](#)
- 10.37** [First Amendment to Amended and Restated Employment Agreement dated June 24, 2020, between The Howard Hughes Corporation and David O'Reilly \(incorporated by reference to Exhibit 10.1 to the Company's Current Report Form 8-K filed June 25, 2020\)](#)
- 10.38** [Amendment No. 1 to Restricted Stock Agreements dated November 4, 2020 between The Howard Hughes Corporation and David O'Reilly \(incorporated by reference to Exhibit 10.3 to the Company's Quarterly Report on Form 10-Q filed November 5, 2020\)](#)
- 10.39** [Amendment No. 1 to Restricted Stock Agreements dated November 4, 2020 between The Howard Hughes Corporation and Peter F. Riley \(incorporated by reference to Exhibit 10.4 to the Company's Quarterly Report on Form 10-Q filed November 5, 2020\)](#)
- 10.40** [Second Amended and Restated Employment Agreement, dated December 1, 2020, between The Howard Hughes Corporation and David O'Reilly \(incorporated by reference to Exhibit 10.1 to the Company's Current Report on Form 8-K filed December 2, 2020\)](#)
- 10.41** [Employment Agreement, dated December 1, 2020, between The Howard Hughes Corporation and L. Jay Cross \(incorporated by reference to Exhibit 10.2 to the Company's Current Report on Form 8-K filed December 2, 2020\)](#)
- 10.42** [Employment Agreement, dated January 12, 2022, between the Howard Hughes Corporation and Carlos Olea \(incorporated by reference to Exhibit 10.1 to the Company's Current Report on Form 8-K filed January 12, 2022\)](#)
- 10.43** [Form of Time-Based Restricted Stock Award \(Executives with Employment Agreements\) under The Howard Hughes Corporation 2020 Equity Incentive Plan \(incorporated by reference to Exhibit 10.1 to the Company's Quarterly Report on Form 10-Q, filed May 10, 2021\)](#)
- 10.44** [Form of Time-Based Restricted Stock Award \(Executive Officers without Employment Agreements\) under The Howard Hughes Corporation 2020 Equity Incentive Plan \(incorporated by reference to Exhibit 10.2 to the Company's Quarterly Report on Form 10-Q, filed May 10, 2021\)](#)
- 10.45** [Form of Performance-Based Restricted Stock Award \(Executive Officers with Employment Agreements\) under The Howard Hughes Corporation 2020 Equity Incentive Plan \(incorporated by reference to Exhibit 10.3 to the Company's Quarterly Report on Form 10-Q, filed May 10, 2021\)](#)
- 10.46** [Form of Performance-Based Restricted Stock Award \(Executive Officers without Employment Agreements\) under The Howard Hughes Corporation 2020 Equity Incentive Plan \(incorporated by reference to Exhibit 10.4 to the Company's Quarterly Report on Form 10-Q, filed May 10, 2021\)](#)

10.47**	<u>Amended and Restated Performance-Based Restricted Stock Award Agreement, dated January 4, 2021, by and between The Howard Hughes Corporation and Saul Scherl (incorporated by reference to Exhibit 10.5 to the Company's Quarterly Report on Form 10-Q, filed May 10, 2021)</u>
10.48**	<u>2021 Offer Letter, effective March 10, 2021, by and between The Howard Hughes Corporation and Saul Scherl (incorporated by reference to Exhibit 10.1 to the Company's Current Report on Form 8-K, filed on March 15, 2021)</u>
10.49**	<u>Form of Restricted Stock Agreement for Nonemployee Directors under The Howard Hughes Corporation 2020 Equity Incentive Plan (incorporated by reference to Exhibit 10.1 to the Company's Quarterly Report on Form 10-Q, filed August 4, 2021)</u>
10.50**	<u>Employment Agreement, effective April 19, 2021, by and between The Howard Hughes Corporation and Correne Loeffler (incorporated by reference to Exhibit 10.1 to the Company's Current Report on Form 8-K filed April 8, 2021)</u>
10.51**	<u>Separation and Release Agreement, by and between Correne S. Loeffler and The Howard Hughes Corporation (incorporated by reference to Exhibit 10.1 to the Company's Current Report on Form 8-K filed February 11, 2022)</u>
21.1+	<u>List of Subsidiaries</u>
23.1+	<u>Consent of Ernst & Young LLP</u>
24.1+	<u>Power of Attorney</u>
31.1+	<u>Certification of Chief Executive Officer Pursuant to Section 302 of the Sarbanes-Oxley Act of 2002</u>
31.2+	<u>Certification of Chief Financial Officer Pursuant to Section 302 of the Sarbanes-Oxley Act of 2002</u>
32.1+	<u>Certification of Chief Executive Officer and Chief Financial Officer Pursuant to Section 906 of the Sarbanes-Oxley Act of 2002</u>
101.INS	Inline XBRL Instance Document -- the instance document does not appear in the Interactive Data File because its XBRL tags are embedded within the Inline XBRL document
101.SCH+	Inline XBRL Taxonomy Extension Schema Document
101.CAL+	Inline XBRL Taxonomy Extension Calculation Linkbase Document
101.LAB+	Inline XBRL Taxonomy Extension Label Linkbase Document
101.PRE+	Inline XBRL Taxonomy Extension Presentation Linkbase Document
101.DEF+	Inline XBRL Taxonomy Extension Definition Linkbase Document
104	Cover Page Interactive Data File (formatted as Inline XBRL and contained in Exhibit 101)
*	To be filed by amendment to the Form S-3 filed on March 27, 2020 or by a Current Report on Form 8-K.
**	Management contract, compensatory plan or arrangement
+	Filed herewith

Attached as Exhibit 101 to this report are the following documents formatted in iXBRL (Inline Extensible Business Reporting Language): (i) the Consolidated Statements of Operations for the years ended December 31, 2021, 2020 and 2019, (ii) Consolidated Statements of Comprehensive Income (Loss) for the years ended December 31, 2021, 2020 and 2019, (iii) the Consolidated Balance Sheets as of December 31, 2021 and 2020, (iv) Consolidated Statements of Equity for the years ended December 31, 2021, 2020 and 2019, (v) the Consolidated Statements of Cash Flows for the years ended December 31, 2021, 2020 and 2019, and (vi) the Notes to Consolidated Financial Statements.

Item 16. Form 10-K Summary

Not applicable.

SIGNATURES

Pursuant to the requirements of Section 13 or 15(d) of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned, thereunto duly authorized.

THE HOWARD HUGHES CORPORATION

/s/ Carlos Olea

Carlos Olea

Chief Financial Officer

February 28, 2022

Pursuant to the requirements of the Securities Exchange Act of 1934, this report has been signed below by the following persons on behalf of the registrant and in the capacities and on the dates indicated.

Signature	Title	Date
<u>*</u> William Ackman	Chairman of the Board and Director	February 28, 2022
<u>/s/ David R. O'Reilly</u> David R. O'Reilly	Chief Executive Officer (Principal Executive Officer)	February 28, 2022
<u>/s/ Carlos Olea</u> Carlos Olea	Chief Financial Officer (Principal Financial and Accounting Officer)	February 28, 2022
<u>*</u> Adam Flatto	Director	February 28, 2022
<u>*</u> Jeffrey Furber	Director	February 28, 2022
<u>*</u> Beth Kaplan	Director	February 28, 2022
<u>*</u> Allen Model	Director	February 28, 2022
<u>*</u> R. Scot Sellers	Director	February 28, 2022
<u>*</u> Steven Shepsman	Director	February 28, 2022
<u>*</u> Mary Ann Tighe	Director	February 28, 2022
<u>*</u> Anthony Williams	Director	February 28, 2022
<u>*/s/ David R. O'Reilly</u> David R. O'Reilly Attorney-in-fact		

**DESCRIPTION OF SECURITIES
REGISTERED PURSUANT TO SECTION 12 OF THE
SECURITIES EXCHANGE ACT OF 1934**

The following description of the capital stock of the Howard Hughes Corporation (“we,” “us,” “our” and the “Company”) is a summary and does not purport to be complete. It is subject to and qualified in its entirety by reference to our (i) Second Amended and Restated Certificate of Incorporation (the “Certificate of Incorporation”) and (ii) Amended and Restated Bylaws, as amended by Amendment No. 1 to the Amended and Restated Bylaws (the “Bylaws”), each of which are incorporated by reference as an exhibit to the Annual Report on Form 10-K of which this Exhibit 4.5 is a part. We encourage you to read our Certificate of Incorporation, our Bylaws and the applicable provisions of the Delaware General Corporation Law (the “DGCL”) for additional information.

Description of Common Stock

Authorized Capital Shares

Our authorized capital shares consist of 150,000,000 shares of common stock, \$0.01 par value per share (“Common Stock”), and 50,000,000 shares of preferred shares, \$0.01 par value per share (“Preferred Stock”). All outstanding shares of our Common Stock are fully paid and nonassessable.

Voting Rights

Each share of Common Stock is entitled to one vote on all matters submitted to a vote of stockholders. Holders of Common Stock do not have cumulative voting rights.

Dividend Rights

Subject to any preferential rights of any outstanding Preferred Stock, holders of our Common Stock will be entitled to receive ratably the dividends, if any, as may be declared from time to time by our board of directors out of funds legally available for that purpose.

Liquidation Rights

If there is a liquidation, dissolution or winding up of our Company, holders of our Common Stock would be entitled to ratable distribution of our assets remaining after the payment in full of liabilities and any preferential rights of any outstanding Preferred Stock.

Other Rights and Preferences

There are no preemptive or conversion rights or other subscription rights, and there are no redemption or sinking fund provisions applicable to the Common Stock. The rights, preferences and privileges of the holders of our Common Stock are subject to, and may be adversely affected by, the rights of the holders of shares of any series of Preferred Stock that we may designate and issue in the future. There are no provisions in our Certificate of Incorporation or Bylaws discriminating against a stockholder because of his or her ownership of a particular number of shares.

We are not aware of any limitations on the rights to own our Common Stock, including rights of non-resident or foreign stockholders to hold or exercise voting rights on our Common Stock, imposed by foreign law or by our Certificate of Incorporation or Bylaws.

Listing

The Common Stock is traded on the New York Stock Exchange under the trading symbol “HHC.”

Anti-Takeover Effects of Various Provisions of Delaware Law and our Certificate of Incorporation and Bylaws

Provisions of the DGCL and our Certificate of Incorporation and Bylaws could make it more difficult to acquire us by means of a tender offer, a proxy contest or otherwise, or to remove incumbent officers and directors. These provisions, summarized below, are expected to discourage certain types of coercive takeover practices and takeover bids that our board of directors may consider inadequate and to encourage persons seeking to acquire control of us to first negotiate with our board of directors. We believe that the benefits of increased protection of our ability to negotiate with the proponent of an unfriendly or unsolicited proposal to acquire or restructure us outweigh the disadvantages of discouraging takeover or acquisition proposals because, among other things, negotiation of these proposals could result in improved terms for our stockholders.

Delaware Anti-Takeover Statute

We are subject to Section 203 of the DGCL, an anti-takeover statute. In general, Section 203 of the DGCL prohibits a publicly-held Delaware corporation from engaging in a “business combination” with an “interested stockholder” for a period of three years following the time the person became an interested stockholder, unless the business combination or the acquisition of shares that resulted in a stockholder becoming an interested stockholder is approved in a prescribed manner. Generally, a “business combination” includes a merger, asset or stock sale, or other transaction resulting in a financial benefit to the interested stockholder. Generally, an “interested stockholder” is a person who, together with affiliates and associates, owns (or, if the person is an affiliate or an associate of the Company, within three years prior to the determination of interested stockholder status did own) 15% or more of a corporation’s voting stock. The existence of this provision would be expected to have an anti-takeover effect with respect to transactions not approved in advance by our board of directors, including discouraging attempts that might result in a premium over the market price for the shares of common stock held by stockholders.

Size of Board and Vacancies

Our Bylaws provide that the number of directors on our board of directors will be fixed exclusively by our board of directors. Subject to the rights of the holders of any series of preferred stock then outstanding, newly created directorships resulting from any increase in our authorized number of directors will be filled by a majority of our board of directors then in office, provided that a majority of the total number of directors is present, unless the board of directors otherwise determines that such directorships should be filled by the affirmative vote of the stockholders of record of at least a majority of the voting stock. Any vacancies in our board of directors resulting from death, resignation, retirement, disqualification, removal from office or other cause will be filled generally by the majority vote of our remaining directors in office, even if less than a quorum is present. Our Certificate of Incorporation and Bylaws permit stockholders to remove a director or directors with or without cause.

Special Stockholder Meetings

Under our Certificate of Incorporation and Bylaws, our board of directors may call special meetings of our stockholders. A special meeting is also required to be called by the secretary upon written request by stockholders who together hold 15% or more of the voting power of the issued and outstanding shares of the capital stock of the Company entitled to vote generally in the election of directors.

Prohibition of Stockholder Action by Written Consent

Our Certificate of Incorporation and Bylaws expressly prohibit our stockholders from acting by written consent. Stockholder action must take place at an annual or a special meeting of our stockholders.

Requirements for Advance Notification of Stockholder Nominations and Proposals

Our Bylaws establish advance notice procedures with respect to stockholder proposals and nomination of candidates for election as directors other than nominations made by or at the direction of our board of directors or a committee of our board of directors.

No Cumulative Voting

The DGCL provides that stockholders are denied the right to cumulate votes in the election of directors unless our Certificate of Incorporation provides otherwise. Our Certificate of Incorporation does not provide for cumulative voting.

THE HOWARD HUGHES CORPORATION

Exhibit 21.1

LIST OF SUBSIDIARIES

Entity	Jurisdiction
10 CCC, LLC	Delaware
10/20/30 CCC Parking Deck, LLC	Delaware
20 CCC, LLC	Delaware
30 CCC, LLC	Delaware
40 CCC, LLC	Delaware
40 CCC Parking Deck, LLC	Delaware
50 CCC, LLC	Delaware
50/60/70 CCC Parking Deck, LLC	Delaware
60 CCC, LLC	Delaware
3 Waterway Holdings, LLC	Texas
4 Waterway Holdings, LLC	Delaware
20 & 25 Waterway Holdings, LLC	Delaware
70 CC, LLC	Delaware
80 South, LLC	Delaware
85 South Street LLC	Delaware
110 Holding, LLC	Delaware
110 N. Wacker Development, LLC	Delaware
110 N. Wacker Managing Member, LLC	Delaware
110 North Wacker Titleholder LLC	Delaware
110 Wacker Property Sub, LLC	Delaware

110 Wacker Amenities, LLC	Delaware
110 Wacker, LLC	Delaware
117 Beekman Street Holdings, LLC	Delaware
170 John Street Holdings, LLC	Delaware
170 Retail Associates, Ltd.	Texas
170 Retail Holding, LLC	Delaware
170 Retail Holding GP, LLC	Delaware
250 Seaport District, LLC	Delaware
988 Halekauwila, LLC	Delaware
1000 Auahi, LLC	Delaware
1001 Queen, LLC	Delaware
1060 Ala Moana, LLC	Delaware
1108 Auahi, LLC	Delaware
1118 Ala Moana, LLC	Delaware
1240 Ala Moana, LLC	Delaware
1360 Schermerhorn, LLC	Delaware
1701 Lake Robbins, LLC	Delaware
2000 WP Holdings, LLC	Delaware
2103 Research Forest Holding Company, LLC	Delaware
2201 LW Holdings, LLC	Delaware
3831 TF Holding Company, LLC	Delaware
8770 New Trails Holdings, LLC	Delaware

9303 New Trails Holdings, LLC	Delaware
Aalii, LLC	Delaware
ACB Parking Business Trust	Maryland
Ae O Holdings, LLC	Delaware
Ae O Retail Holdings, LLC	Delaware
Alameda Plaza, LLC	Delaware
AllenTowne Mall, LLC	Delaware
American City Building Business Trust	Maryland
Anaha Management Development Company, LLC	Delaware
Anaha Retail Holdings, LLC	Delaware
Angels Entertainment, LLC	Delaware
API/HHC Lake Robbins Holdings Company, LLC	Delaware
Beverage Operations, Inc.	Texas
BL Prairieland Village SFBTR, LLC	Delaware
BLLV Apartments Holding Company, LLC	Delaware
BLLV Apartments II Holding Company, LLC	Delaware
Bridgeland Construction, LLC	Delaware
Bridgeland Development, LP	Maryland
Bridgeland GL Holdings, LLC	Delaware
Bridgeland GP, LLC	Delaware
Bridgeland Holding Company, Inc.	Delaware
Bridgeland Management Development Company, LLC	Delaware
Bridges at Mint Hill, LLC	Delaware

Bridges at Mint Hill Member, LLC	Delaware
Bridgeview F&B, LLC	Delaware
Clark County Las Vegas Stadium, LLC	Delaware
Clover Acquisitions LLC	Delaware
Cottonwood Mall, LLC	Delaware
Creekside Equities, LLC	Delaware
Creekside Park West Holdings, LLC	Delaware
Crescent Area 1-A Holdings, LLC	Delaware
Crescent Area 1-B Holdings, LLC	Delaware
Crescent Area 1 - Parking Deck 1, LLC	Delaware
CS Apartments Holding Company, LLC	Delaware
CS Apartments II Holding Company, LLC	Delaware
CSPV Holdings, LLC	Delaware
Cypress LA, LLC	Delaware
Discovery Property Company, LLC	Delaware
DLV/HHPI Summerlin, LLC	Delaware
DTS Office Holdings, LLC	Delaware
Elk Grove Management Development Company, LLC	Delaware
Elk Grove Town Center L.L.C.	Delaware
Elk Grove Town Center, L.P.	Delaware
Emerson Land Business Trust	Maryland
Emerson Land, LLC	Delaware

Fairwood Commercial Development Corporation	Maryland
Fairwood Commercial Development Holding, LP	Maryland
Fairwood Commercial Development Limited Partnership	Maryland
Fairwood Commercial Front Foot Benefit Company, LLC	Maryland
Fulton Seafood Market, LLC	Delaware
Gateway Overlook III Business Trust	Maryland
Grandview SHG LLC	California
GK Ground Lease Holdings, LLC	Delaware
GG DR, L.L.C.	Illinois
Greengate Mall, Inc.	Pennsylvania
Harper's Choice Business Trust	Maryland
Hexalon Real Estate, LLC	Delaware
HF Holding Company, LLC	Delaware
HF Management Development Company, LLC	Delaware
HH Allison Tower Holding Company, LLC	Delaware
HH Allison Tower Obligor, LLC	Delaware
HH Hackett Tower Holdings, LLC	Delaware
HH Hackett Tower Obligor, LLC	Delaware
HH Hawaii Development Company, LLC	Delaware
HH Lake Robbins Holdings, LLC	Delaware
HH New York Development Company, LLC	Delaware
HH One Hughes Landing, LLC	Delaware
HH Two Hughes Landing, LLC	Texas

HH Wacker Acquisition Company, LLC	Delaware
HH Wacker Management Development Company, LLC	Delaware
HH Warehouse Land Holdings, LLC	Delaware
HH Waterway Land Holdings, LLC	Delaware
HH WHC Holdings, LLC	Delaware
HH Woodlands Tower Holdings, LLC	Delaware
HHC 242 Self-Storage, LLC	Delaware
HHC 2978 Self-Storage, LLC	Delaware
HHC 33 Peck Slip Holdings, LLC	Delaware
HHC 33 Peck Slip Member, LLC	Delaware
HHC 33 Peck Slip Resources, LLC	Delaware
HHC Acquisitions, LLC	Delaware
HHC Beverage Holdings, LLC	Delaware
HHC Blockhouse, LLC	Delaware
HHC Bridgeview, LLC	Delaware
HHC Circle T Management Development Company, LLC	Delaware
HHC Cobblestones, LLC	Delaware
HHC Constellation Holdings, LLC	Delaware
HHC Douglas Ranch Member, LLC	Delaware
HHC F Box Event Space, LLC	Delaware
HHC Fulton Club, LLC	Delaware
HHC Fulton Retail LLC	Delaware

HHC Hughes Landing Retail, LLC	Delaware
HHC LaGuardia Restaurant LLC	Delaware
HHC Landmark Redevelopment Member, LLC	Delaware
HHC Lawn Games, LLC	Delaware
HHC Millennium Six Pines, LLC	Delaware
HHC Lawn Games Member, LLC	Delaware
HHC Pier Village, LLC	Delaware
HHC Riverdeck, LLC	Delaware
HHC Seaport Snack, LLC	Delaware
HHC Seafood Market Member LLC	Delaware
HHC Spice, LLC	Delaware
HHC Summerlin Office Holdings, LLC	Delaware
HHC Travel, LLC	Delaware
HHC Two Hughes Landing, LLC	Delaware
HHC Trillium Member, LLC	Delaware
HHC Ventures, LLC	Delaware
HHC Village 13 Apartments, LLC	Delaware
HHC-VP Holdings, LLC	Delaware
HHC Warehouse Holding Company, LLC	Delaware
HHC-SRG Landmark Redevelopment JV, LLC	Delaware
HHC-SRG Landmark Redevelopment Property Sub, LLC	Delaware
HHMK Development, LLC	Delaware
HL Amenities Holdings, LLC	Delaware

HL Beverage Company, LLC	Delaware
HL Champion Holding Company, LLC	Delaware
HL Garage Holdings, LLC	Delaware
HL Multi-Family Holdings, LLC	Delaware
HL Restaurant Row, LLC	Delaware
HL Retail Row, LLC	Delaware
HL-2LE Holding Company, LLC	Delaware
HL-Hotel Holding Company, LLC	Delaware
HLDC Holding Company, LLC	Delaware
Howard Hughes Arizona, Inc.	Delaware
Howard Hughes Hospitality, LLC	Delaware
Howard Hughes Management, Co. LLC	Delaware
Howard Hughes Management Services Company, LLC	Delaware
Howard Hughes Properties, Inc.	Nevada
HRD Development Management, LLC	Delaware
HRD Parking Deck Business Trust	Maryland
HRD Parking, Inc.	Maryland
Kai Investments, LLC	Delaware
Kapiolani Residential LLC	Delaware
Ke Kilohana Retail Holdings, LLC	Delaware
Kewalo Harbor Development Company, LLC	Delaware
Kewalo Harbor Management Company, LLC	Delaware

Kewalo Harbor, LLC	Hawaii
Kewalo Makai, LLC	Hawaii
Koula Management Development Company, LLC	Delaware
KR Holdings, LLC	Delaware
Lake Front North Holding Company, LLC	Delaware
Lake Woodlands Crossing Retail, LLC	Delaware
Lakeland Village Holding Company, LLC	Delaware
Land Trust No. 89433	Hawaii
Land Trust No. 89434	Hawaii
Land Trust No. FHB-TRES 20061 (01)	Hawaii
Land Trust No. FHB-TRES 20062 (02)	Hawaii
Landmark Land Holdings, LLC	Delaware
Landmark Mall L.L.C.	Delaware
Landmark Management Development Company, LLC	Delaware
LFC MOB1, LLC	Delaware
LFN Garage1, LLC	Delaware
LFN RBB1, LLC	Delaware
LRVC Business Trust	Maryland
Marginal Street Development, LLC	Delaware
Merriweather Post Business Trust	Maryland
MF Seaport, LLC	Delaware
Millennium Woodlands Phase II, LLC	Delaware
Millennium Woodlands Phase II Member, LLC	Delaware

Monarch City Management Development Company, LLC	Delaware
MPIII Holding Company, LLC	Delaware
MWD 3G1, LLC	Delaware
MWD 3HA, LLC	Delaware
MWD 3LRA, LLC	Delaware
MWD Color Burst Park, LLC	Delaware
MWD 3MFB, LLC	Delaware
MWD 3MFC, LLC	Delaware
MWD 3OA, LLC	Delaware
MWD 3RE2, LLC	Delaware
MWD E3, LLC	Delaware
Natick Residence LLC	Delaware
Oakland Ridge Industrial Development Corporation	Maryland
One Lakes Edge Holdings, LLC	Delaware
One Mall North, LLC	Delaware
Parcel C Business Trust	Maryland
Parcel C Development LLC	Delaware
Parcel C Property LLC	Delaware
Parcel D Business Trust	Maryland
Parcel D Development LLC	Delaware
Parcel D Property LLC	Delaware
Pier 17 Bar, LLC	Delaware

Pier 17 GR Restaurant, LLC	Delaware
Pier 17 HHC Member, LLC	Delaware
Pier 17 Restaurant C101, LLC	Delaware
Pier 17 Restaurant, LLC	Delaware
Pier 17 Seafood Restaurant, LLC	Delaware
Price Development TRS, Inc.	Delaware
Princeton Land, LLC	Delaware
Princeton Management Development Company, LLC	Delaware
Red Rock Investment, LLC	Nevada
RFD Acquisitions, LLC	Delaware
Riverwalk Marketplace (New Orleans), LLC	Delaware
Riverwalk Management Development Company, LLC	Delaware
Riverwalk Operating Company, LLC	Delaware
Robinson Kunia Land, LLC	Delaware
Seaport Development Holdings, LLC	Delaware
Seaport Hospitality, LLC	Delaware
Seaport Management Development Company, LLC	Delaware
Seaport Marketing Services, LLC	Texas
Seaport Marketplace Theatre, LLC	Maryland
Seaport Marketplace, LLC	Maryland
Seaport Phase 1 Holdings, LLC	Delaware
South Street Seaport Limited Partnership	Maryland
SSSLP Pier 17 Restaurant C101, LLC	Delaware

Sterrett Building Holdings, LLC	Delaware
Stewart Title of Montgomery County Inc.	Texas
Stone Lake, LLC	Maryland
Summerlin 1700 Pavilion, LLC	Delaware
Summerlin Baseball Club Member, LLC	Delaware
Summerlin Centre, LLC	Delaware
Summerlin Centre Apartments, LLC	Delaware
Summerlin Corporation	Delaware
Summerlin Development, LLC	Delaware
Summerlin Development Management Company, LLC	Delaware
Summerlin Downtown SE Quadrant, LLC	Delaware
Summerlin Hospital Medical Center, L.P.	Delaware
Summerlin Las Vegas Baseball Club, LLC	Delaware
Summerlin North GP, LLC	Delaware
Summerlin Operating Company, LLC	Delaware
Summerlin Restaurant, LLC	Delaware
Summerlin South GP, LLC	Delaware
Summerlin Tanager Echo, LLC	Delaware
The Howard Hughes Company, LLC	Delaware
The Howard Hughes Corporation Japan, GK	Japan
The Howard Research And Development Corporation	Maryland
The Hughes Corporation	Delaware

The Park Ward Village, LLC	Delaware
The Shops At Summerlin North, LP	Delaware
The Shops at Summerlin South, LP	Delaware
The Woodlands Beverage, Inc.	Texas
The Woodlands Commercial Properties Company, LP	Texas
The Woodlands Corporation	Texas
The Woodlands Custom Residential Sales, LLC	Texas
The Woodlands Custom Sales, LP	Texas
The Woodlands GL Holdings, LLC	Delaware
The Woodlands Holding Company, Inc.	Delaware
The Woodlands Hotel Management Company, LLC	Delaware
The Woodlands Land Development Company, L.P.	Texas
The Woodlands Management Development Company, LLC	Delaware
The Woodlands Marketing Services, LLC	Texas
The Woodlands MDA, LLC	Delaware
The Woodlands Operating Company, L.P.	Texas
Three Hughes Landing, LLC	Delaware
Town Center Development Company GP, L.L.C.	Texas
Town Center Development Company, L.P.	Texas
Town Center East Business Trust	Maryland
Town Center East Holdings, LLC	Delaware
Town Center East Parking Lot Business Trust	Maryland
Trillium Development Holding Company, LLC	Delaware

Trillium Land Company, LLC	Delaware
TW 1890 Research Forest Holdings, LLC	Delaware
TW-CSP 26424 Strake Holdings, LLC	Delaware
TWC Commercial Properties, LLC	Delaware
TWC Commercial Properties LP	Delaware
TWC Land Development, LLC	Delaware
TWC Land Development LP	Delaware
TWC Operating, LLC	Delaware
TWC Operating LP	Delaware
TWCPC Holdings GP, L.L.C.	Texas
TWCPC Holdings, L.P.	Texas
TWL-Bridgeland Holding Company, LLC	Delaware
TWLDC Holdings GP, L.L.C.	Texas
TWLDC Holdings, L.P.	Texas
Ulana Ward Village, LLC	Delaware
Victoria Place, LLC	Delaware
Victoria Ward, Limited	Delaware
Victoria Place Management Development Company, LLC	Delaware
Victoria Ward Center L.L.C.	Delaware
Victoria Ward Entertainment Center L.L.C.	Delaware
Victoria Ward Services, Inc.	Delaware
VW Condominium Development, LLC	Delaware

Waiea Management Development Company, LLC	Delaware
Waiea Retail Holdings, LLC	Delaware
Ward Condominium Holdings, LLC	Delaware
Ward Gateway-Industrial-Village, LLC	Delaware
Ward Plaza-Warehouse, LLC	Delaware
Ward Management Development Company, LLC	Delaware
Ward Village CK Holdings, LLC	Delaware
Ward Village Commercial, LLC	Delaware
Ward Village Holding Company	Delaware
Ward Village Operating Company, LLC	Delaware
Ward Village Properties, LLC	Delaware
Waterway Ave Partners, L.L.C.	Texas
Waterway Coffee Holdings, LLC	Delaware
Waterway Condo Holdings, LLC	Delaware
Waterway Hotel Beverage Company, LLC	Delaware
Waterway Hotel Holdings, LLC	Delaware
WECCR General Partnership	Texas
WECCR, Inc.	Texas
Westlake Retail Associates, Ltd.	Texas
Westlake Retail Holding, LLC	Delaware
Wincopin Restaurant Business Trust	Maryland
Woodlands Acquisition, LLC	Texas
Woodlands Office Equities-95, LLC	Texas

Woodlands Sarofim #1, Ltd.

Texas

WRCC Holdings, LLC

Delaware

Consent of Independent Registered Public Accounting Firm

We consent to the incorporation by reference in the following Registration Statements:

- (1) Registration Statements (Form S-3 No. 333- 184466 and Form S-3 No. 333- 237423) of The Howard Hughes Corporation;
- (2) Registration Statements (Form S-8 No. 333-170431, Form S-8 No. 333-170432, Form S-8 No. 333-171909, and Form S-8 No. 333-171910) pertaining to the 2010 Amended and Restated Incentive Plan of The Howard Hughes Corporation;
- (3) Registration Statement (Form S-8 No. 239417) pertaining to the 2020 Equity Incentive Plan of The Howard Hughes Corporation;

of our reports dated February 28, 2022, with respect to the consolidated financial statements and schedule of The Howard Hughes Corporation and the effectiveness of internal control over financial reporting of The Howard Hughes Corporation included in this Annual Report (Form 10-K) of The Howard Hughes Corporation for the year ended December 31, 2021.

/s/ Ernst & Young LLP

Houston, Texas

February 28, 2022

POWER OF ATTORNEY

Each of the undersigned hereby constitutes and appoints David R. O'Reilly as the undersigned's true and lawful attorney and agent, with full power of substitution and resubstitution for the undersigned and in the undersigned's name, place and stead, in any and all capacities, to sign the Annual Report on Form 10-K of The Howard Hughes Corporation for the year ended December 31, 2021 and any and all amendments thereto, and to file the same, with all exhibits thereto, and other documents in connection therewith, with the Securities and Exchange Commission, granting unto said attorney and agent full power and authority to do any and all acts and things necessary or advisable to be done, as fully and to all intents and purposes as the undersigned might or could do in person, hereby ratifying and confirming all that said attorney and agents, or his substitute or substitutes, may lawfully do or cause to be done by virtue hereof.

/s/ William Ackman

William Ackman

/s/ R. Scot Sellers

R. Scot Sellers

/s/ Adam Flatto

Adam Flatto

/s/ Steven Shepsman

Steven Shepsman

/s/ Jeffrey Furber

Jeffrey Furber

/s/ Mary Ann Tighe

Mary Ann Tighe

/s/ Beth Kaplan

Beth Kaplan

/s/ Anthony Williams

Anthony Williams

/s/ Allen Model

Allen Model

Dated: February 28, 2022

**CERTIFICATION OF CHIEF EXECUTIVE OFFICER PURSUANT TO RULE 13a —
14(a) ADOPTED PURSUANT TO SECTION 302
OF THE SARBANES-OXLEY ACT OF 2002**

I, David R. O'Reilly, certify that:

1. I have reviewed this Annual Report on Form 10-K of The Howard Hughes Corporation;
2. Based on my knowledge, this report does not contain any untrue statement of a material fact or omit to state a material fact necessary to make the statements made, in light of the circumstances under which such statements were made, not misleading with respect to the period covered by this report;
3. Based on my knowledge, the financial statements, and other financial information included in this report, fairly present in all material respects the financial condition, results of operations and cash flows of the registrant as of, and for, the periods presented in this report;
4. The registrant's other certifying officer and I are responsible for establishing and maintaining disclosure controls and procedures (as defined in Exchange Act Rules 13a-15(e) and 15d-15(e)) and internal control over financial reporting (as defined in Exchange Act Rules 13a-15(f) and 15d-15(f)) for the registrant and have:
 - a. Designed such disclosure controls and procedures, or caused such disclosure controls and procedures to be designed under our supervision, to ensure that material information relating to the registrant, including its consolidated subsidiaries, is made known to us by others within those entities, particularly during the period in which this report is being prepared;
 - b. Designed such internal control over financial reporting, or caused such internal control over financial reporting to be designed under our supervision, to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with generally accepted accounting principles;
 - c. Evaluated the effectiveness of the registrant's disclosure controls and procedures and presented in this report our conclusions about the effectiveness of the disclosure controls and procedures, as of the end of the period covered by this report based on such evaluation; and
 - d. Disclosed in this report any change in the registrant's internal control over financial reporting that occurred during the registrant's most recent fiscal quarter (the registrant's fourth fiscal quarter in the case of an annual report) that has materially affected, or is reasonably likely to materially affect, the registrant's internal control over financial reporting; and
5. The registrant's other certifying officer and I have disclosed, based on our most recent evaluation of internal control over financial reporting, to the registrant's auditors and the audit committee of registrant's board of directors (or persons performing the equivalent functions):
 - a. All significant deficiencies and material weaknesses in the design or operation of internal control over financial reporting which are reasonably likely to adversely affect the registrant's ability to record, process, summarize and report financial information; and
 - b. Any fraud, whether or not material, that involves management or other employees who have a significant role in the registrant's internal control over financial reporting.

By: /s/ David R. O'Reilly

David R. O'Reilly

Chief Executive Officer

February 28, 2022

**CERTIFICATION OF CHIEF FINANCIAL OFFICER PURSUANT TO RULE 13a —
14(a) ADOPTED PURSUANT TO SECTION 302
OF THE SARBANES-OXLEY ACT OF 2002**

I, Carlos Olea, certify that:

1. I have reviewed this Annual Report on Form 10-K of The Howard Hughes Corporation;
2. Based on my knowledge, this report does not contain any untrue statement of a material fact or omit to state a material fact necessary to make the statements made, in light of the circumstances under which such statements were made, not misleading with respect to the period covered by this report;
3. Based on my knowledge, the financial statements, and other financial information included in this report, fairly present in all material respects the financial condition, results of operations and cash flows of the registrant as of, and for, the periods presented in this report;
4. The registrant's other certifying officer and I are responsible for establishing and maintaining disclosure controls and procedures (as defined in Exchange Act Rules 13a-15(e) and 15d-15(e)) and internal control over financial reporting (as defined in Exchange Act Rules 13a-15(f) and 15d-15(f)) for the registrant and have:
 - a. Designed such disclosure controls and procedures, or caused such disclosure controls and procedures to be designed under our supervision, to ensure that material information relating to the registrant, including its consolidated subsidiaries, is made known to us by others within those entities, particularly during the period in which this report is being prepared;
 - b. Designed such internal control over financial reporting, or caused such internal control over financial reporting to be designed under our supervision, to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with generally accepted accounting principles;
 - c. Evaluated the effectiveness of the registrant's disclosure controls and procedures and presented in this report our conclusions about the effectiveness of the disclosure controls and procedures, as of the end of the period covered by this report based on such evaluation; and
 - d. Disclosed in this report any change in the registrant's internal control over financial reporting that occurred during the registrant's most recent fiscal quarter (the registrant's fourth fiscal quarter in the case of an annual report) that has materially affected, or is reasonably likely to materially affect, the registrant's internal control over financial reporting; and
5. The registrant's other certifying officer and I have disclosed, based on our most recent evaluation of internal control over financial reporting, to the registrant's auditors and the audit committee of registrant's board of directors (or persons performing the equivalent functions):
 - a. All significant deficiencies and material weaknesses in the design or operation of internal control over financial reporting which are reasonably likely to adversely affect the registrant's ability to record, process, summarize and report financial information; and
 - b. Any fraud, whether or not material, that involves management or other employees who have a significant role in the registrant's internal control over financial reporting.

By: /s/ Carlos Olea

Carlos Olea

Chief Financial Officer

February 28, 2022

**CERTIFICATION PURSUANT TO 18 U.S.C. 1350 ADOPTED PURSUANT
TO SECTION 906 OF THE SARBANES-OXLEY ACT OF 2002**

In connection with the Annual Report on Form 10-K of The Howard Hughes Corporation (the "Company") for the period ended December 31, 2021, as filed with the Securities and Exchange Commission on the date hereof (the "Report"), each of the undersigned officers, in their capacity as officers of the Company, hereby certify, pursuant to 18 U.S.C. Section 1350, as adopted pursuant to Section 906 of the Sarbanes-Oxley Act of 2002, that to such officer's knowledge:

- (1) The Report fully complies with the requirements of Section 13(a) or 15(d) of the Securities Exchange Act of 1934, as amended; and
- (2) The information contained in the Report fairly presents, in all material respects, the financial condition and results of operations of the Company.

By: /s/ David R. O'Reilly
David R. O'Reilly
Chief Executive Officer
February 28, 2022

By: /s/ Carlos Olea
Carlos Olea
Chief Financial Officer
February 28, 2022