



**Wheeler Real Estate Investment Trust, Inc.**

This is Prospectus Supplement No. 13 (this "Prospectus Supplement") to our Prospectus, dated March 20, 2026 (the "Prospectus"), relating to the offer and sale of up to 673,971 shares of common stock, par value \$0.01 per shares ("Common Stock"), of Wheeler Real Estate Investment Trust, Inc. issuable upon exercise of the warrants described therein by the selling stockholders identified in the Prospectus. Terms used but not defined in this Prospectus Supplement have the meanings ascribed to them in the Prospectus.

We have attached to this Prospectus Supplement our Current Report on Form 8-K filed on June 23, 2026. The attached information updates and supplements, and should be read together with, the Prospectus, as supplemented from time to time.

**Investing in our Common Stock involves a high degree of risk. You should review carefully the risks and uncertainties described under the heading "*Risk Factors*" beginning on page 6 of the Prospectus, and under similar headings in any amendments or supplements to the Prospectus.**

**Neither the Securities and Exchange Commission nor any state securities commission has approved or disapproved of these securities or passed upon the adequacy or accuracy of the Prospectus. Any representation to the contrary is a criminal offense.**

The date of this Prospectus Supplement is June 23, 2026.

---

---

**UNITED STATES  
SECURITIES AND EXCHANGE COMMISSION  
WASHINGTON, D.C. 20549**

**FORM 8-K**

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

Date of report (date of earliest event reported): **June 19, 2026**

**WHEELER REAL ESTATE INVESTMENT TRUST, INC.**  
(Exact name of registrant as specified in its charter)

|   |   |   |
|---|---|---|
| <b>Maryland</b><br>(State or other jurisdiction<br>of incorporation or organization)                      | <b>001-35713</b><br>(Commission<br>File Number) | <b>45-2681082</b><br>(IRS Employer<br>Identification No.) |
| <b>2529 Virginia Beach Blvd.</b><br><b>Virginia Beach, VA</b><br>(Address of principal executive offices) |   | <b>23452</b><br>(Zip code)                                |

Registrant's telephone number, including area code: **(757) 627-9088**

Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligations of the registrant under any of the following provisions:

- Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)
- Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)
- Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))
- Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))

Indicate by check mark whether the registrant is an emerging growth company as defined in Rule 405 of the Securities Act of 1933 (§230.405 of this chapter) or Rule 12b-2 of the Securities Exchange Act of 1934 (§240.12b-2 of this chapter).

Emerging growth 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.

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

| <b>Title of each class</b>                      | <b>Trading Symbol(s)</b> | <b>Name of each exchange on which registered</b> |
|---|--------------------------|--|
| Common Stock, \$0.01 par value per share        | WHLR                     | Nasdaq Capital Market                            |
| Series B Convertible Preferred Stock            | WHLRP                    | Nasdaq Capital Market                            |
| Series D Cumulative Convertible Preferred Stock | WHLRD                    | Nasdaq Capital Market                            |
| 7.00% Subordinated Convertible Notes due 2031   | WHLRL                    | Nasdaq Capital Market                            |

## **Item 8.01 Other Events**

### ***Engagement of CBRE's National Retail Partners for a Portfolio Sale Transaction***

Wheeler Real Estate Investment Trust, Inc. (the "Company") owns and operates fifty-nine properties, including fifty-six retail shopping centers in South Carolina, Georgia, Virginia, Pennsylvania, North Carolina, New Jersey, Florida, Connecticut, Kentucky, Tennessee, Massachusetts, Alabama, Maryland and West Virginia.

On June 19, 2026, the Company engaged CBRE's National Retail Partners to list and market for sale thirty-five of those fifty-nine properties as a portfolio sale transaction.

No timetable has been set for completion of this contemplated portfolio sale transaction and there can be no assurance that the engagement of CBRE's National Retail Partners will result in a transaction, that a transaction would be approved by the Board of the Company or consummated, or as to the terms or timing of a transaction.

The Company does not intend to disclose additional details unless and until it has entered into a specific portfolio sale transaction or it determines that further disclosure is appropriate or required by applicable law.

### ***Forward-Looking Statements***

This Current Report on Form 8-K includes forward-looking statements. These statements are made under the "safe harbor" provisions of the U.S. Private Securities Litigation Reform Act of 1995. These statements may be identified by words such as "assurance", "will", "would" and "intend", or the negative of such terms, or other comparable terminology. Forward-looking statements are statements that are not historical facts. Such forward-looking statements are not guarantees of future performance and are subject to risks and uncertainties, which could cause actual results to differ materially from the forward-looking statements contained herein due to many factors. These forward-looking statements and such risks, uncertainties and other factors speak only as of the date of this Current Report on Form 8-K, and the Company expressly disclaims any obligation or undertaking to update or revise any forward-looking statement contained herein, or to reflect any change in our expectations with regard thereto or any other change in events, conditions or circumstances on which any such statement is based, except to the extent otherwise required by applicable law.

---

