

N/A

(Former name or former address, if changed since last report.)

Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation 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))

Explanatory Note: As previously disclosed in the Current Report on Form 8-K filed on June 30, 2014 (the “Original Filing”), on June 27, 2014, Rexford Industrial Realty, Inc., through its operating partnership, Rexford Industrial Realty, L.P., completed the acquisition of an industrial portfolio consisting of nine properties. This Form 8-K/A amends the Original Filing to include Exhibit 2.1, which was unintentionally omitted from the Original Filing.

Item 9.01 Financial Statements and Exhibits.

(d) Exhibits.

2.1 Agreement of Purchase and Sale and Joint Escrow Instructions, dated as of May 19, 2014, among Westcore Cabot, L.P., a Delaware limited partnership, and Westcore Distribution, LLC, Westcore Distribution II, LLC, Westcore Hunter, LLC, Westcore Salt Lake Avenue, LLC, Westcore Valley, LLC, and Westcore Alton, LLC (all Delaware limited liability companies) and Rexford Industrial Realty, L.P., as amended on May 27, 2014, May 30, 2014, June 4, 2014, June 13, 2014 and June 24, 2014.

SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934, as amended, the registrant has duly caused this report to be signed on its behalf by the undersigned hereunto duly authorized.

Rexford Industrial Realty, Inc.

July 2, 2014 /s/ Michael S. Frankel
Michael S. Frankel
Co-Chief Executive Officer
(Principal Executive Officer)

July 2, 2014 Rexford Industrial Realty, Inc.

/s/ Howard Schwimmer
Howard Schwimmer
Co-Chief Executive Officer
(Principal Executive Officer)

EXHIBIT INDEX

Exhibit

Number Description

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