UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

(Mark One)

(Amendment No. 1)

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

For the quarterly period ended June 30, 2013

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: 001-36008

Rexford Industrial Realty, Inc.

(Exact name of registrant as specified in its charter)

MARYLAND

(State or other jurisdiction of incorporation or organization)

46-2024407 (I.R.S. Employer Identification No.)

11620 Wilshire Boulevard, Suite 1000, Los Angeles, California (Address of principal executive offices)

90025 (Zip Code)

(310) 966-1680

(Registrant's telephone number, including area code)

None

(Former name, former address and former fiscal year, if changed since last report)

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 x

Indicate by check mark whether the registrant has submitted electronically and posted on its corporate Web site, if any, every Interactive Data File required to be submitted and posted pursuant to Rule 405 of Regulation S-T ($\S232.405$ of this chapter) during the preceding 12 months (or for such shorter period that the registrant was required to submit and post such files). Yes x No "

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

Large accelerated filer "Accelerated filer

Non-accelerated filer X Smaller reporting company

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

The number of shares of common stock outstanding at August 30, 2013 was 25,681,790.

EXPLANATORY NOTE

The registrant is filing this Amendment No. 1 on Form 10-Q/A to its Quarterly Report on Form 10-Q ("Amendment No. 1") for the quarter ended June 30, 2013, filed with the Securities and Exchange Commission on September 3, 2013 (the "Original Filing"), to furnish Exhibit 101.1 to the Original Filing. Exhibit 101.1 provides the financial statements and related notes from the Original Filing formatted in XBRL (eXtensible Business Reporting Language).

Except as described above, this Amendment No. 1 does not amend, update or change any other items or disclosures in the Original Filing and does not purport to reflect any information or events subsequent to the filing thereof.

SIGNATURES

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

Rexford Industrial Realty, Inc.

October 2, 2013

/s/ Michael S. Frankel

Michael S. Frankel

Co-Chief Executive Officer (Principal Executive Officer)

/s/ Howard Schwimmer

Howard Schwimmer

Co-Chief Executive Officer (Principal Executive Officer)

/s/ Adeel Khan

Adeel Khan

Chief Financial Officer
(Principal Financial and Accounting Officer)

Item 6. Exhibits

Exhibit	
1.1*	Underwriting Agreement
2.1*	Contribution Agreement by and among Rexford Industrial Realty, L.P., Rexford Industrial Realty, Inc. and Rexford Industrial Fund I, LLC
2.2*	Contribution Agreement by and among Rexford Industrial Realty, L.P., Rexford Industrial Realty, Inc. and Rexford Industrial Fund II, LLC
2.3*	Contribution Agreement by and among Rexford Industrial Realty, L.P., Rexford Industrial Realty, Inc. and Rexford Industrial Fund III, LLC
2.4*	Contribution Agreement by and among Rexford Industrial Realty, L.P., Rexford Industrial Realty, Inc. and Rexford Industrial Fund IV, LLC
2.5*	Agreement and Plan of Merger by and among Rexford Industrial Realty, Inc. and Rexford Industrial Fund V REIT, LLC
2.6*	Agreement and Plan of Merger by and among Rexford Industrial Realty, Inc., Rexford Industrial Realty, L.P., and Rexford Industrial Fund V, LP
2.7*	Contribution Agreement by and among Rexford Industrial Realty, L.P., Rexford Industrial Realty, Inc. and Allan Ziman, as Special Trustee of the Declaration of Trust of Jeanette Rubin trust, dated August 16, 1978, as amended
2.8*	Contribution Agreement by and among Rexford Industrial Realty, L.P., Rexford Industrial Realty, Inc. and the Contributors named therein
2.9*	Contribution Agreement by and among Rexford Industrial Realty, L.P., Rexford Industrial Realty, Inc. and Christopher Baer
2.10*	Agreement and Plan of Merger by and among Rexford Industrial Realty, Inc., Rexford Industrial Realty, L.P., Rexford Industrial Merger Sub LLC, and Rexford Industrial, LLC
2.11*	Agreement and Plan of Merger by and among Rexford Industrial Realty, Inc., Rexford Industrial Realty, L.P., Rexford Fund V Manager Merger Sub LLC, and Rexford Fund V Manager LLC
2.12*	Agreement and Plan of Merger by and among Rexford Industrial Realty, Inc., Rexford Industrial Realty, L.P., Rexford Sponsor V Merger Sub LLC, and Rexford Sponsor V LLC
2.13*	Representation, Warranty and Indemnity Agreement by and among Rexford Industrial Realty, Inc., Rexford Industrial Realty, L.P., Richard Ziman, Howard Schwimmer and Michael S. Frankel
2.14*	Indemnity Escrow Agreement, by and among Rexford Industrial Realty, Inc., Rexford Industrial Realty, L.P., Rexford Industrial Realty, Inc., acting in the capacity of escrow agent, Richard Ziman, Howard Schwimmer and Michael S. Frankel
3.1	Articles of Amendment and Restatement of Rexford Industrial Realty, Inc. (incorporated by reference to Exhibit 3.1 of Form S-11/A, filed by the registrant on July 15, 2013 (Registration No. 333-188806))
3.2	Amended and Restated Bylaws of Rexford Industrial Realty, Inc. (incorporated by reference to Exhibit 3.2 of Form S-11/A, filed by the registrant on July 15, 2013 (Registration No. 333-188806))
10.1*	Amended and Restated Agreement of Limited Partnership of Rexford Industrial Realty, L.P.
10.2*	Registration Rights Agreement among Rexford Industrial Realty, Inc. and the persons named therein
10.3*†	Rexford Industrial Realty, Inc. and Rexford Industrial Realty, L.P., 2013 Incentive Award Plan
10.4†	Form of Restricted Stock Award Agreement under 2013 Incentive Award Plan (incorporated by reference to Exhibit 10.4 of Form S-11/A, filed by the registrant on July 15, 2013 (Registration No. 333-188806))
10.5	Form of Indemnification Agreement between Rexford Industrial Realty, Inc. and its directors and officers (incorporated by reference to Exhibit 10.5 of Form S-11/A, filed by the registrant on July 9, 2013 (Registration No. 333-188806))
10.6*	Tax Matters Agreement by and among Rexford Industrial Realty, Inc., Rexford Industrial Realty, L.P., and each partner set forth in Schedule II and Schedule III thereto
10.7*	Guaranty Agreement by and among the guarantors identified on Exhibit A thereto and Rexford Industrial Realty, L.P. in favor of a to be named lender
10.8*†	Employment Agreement between Michael S. Frankel, Rexford Industrial Realty, Inc. and Rexford Industrial Realty, L.P.
10.9*†	Employment Agreement between Howard Schwimmer, Rexford Industrial Realty, Inc. and Rexford Industrial Realty, L.P.
10.10*†	Rexford Industrial Realty, Inc. Non-Employee Director Compensation Program
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10.11*	Credit Agreement among Rexford Industrial Realty, L.P., as Borrower, Rexford Industrial Realty, Inc., as Parent, Bank of America, N.A., as Administrative Agent, Swing Line Lender and L/C Issuer, The Other Lenders Party Thereto, Wells Fargo Bank, National Association and JPMorgan Chase Bank, N.A., as Co-Syndication Agents and Merrill Lynch, Pierce, Fenner & Smith Incorporated, as Sole Lead Arranger and Sole Bookrunner
10.12*	Term Loan Agreement among RIF I—Don Julian, LLC, RIF I—Lewis Road, LLC, RIF I—Walnut, LLC, RIF I—Oxnard, LLC, RIF II—Kaiser, LLC, RIF III—Irwindale, LLC and Rexford Business Center—Fullerton, LLC, collectively as Borrower, and Bank of America, N.A., as Lender
10.13*	Consent Agreement by and among RIF V—Jersey, LLC, Rexford Industrial Realty, Inc., Rexford Industrial Realty, L.P., and U.S. Bank National Association, as trustee, successor-in-interest to Bank of America, N. A., as trustee, successor by merger to LaSalle Bank, National Association, as trustee for Morgan Stanley Capital I Inc., Commercial Mortgage Pass-Through Certificates, Series 2005-TOP17, as Noteholder, whose master servicer is Wells Fargo Bank, National Association

- 31.1* Certification of the Principal Executive Officer pursuant to Section 302 of the Sarbanes-Oxley Act of 2002
- 31.2* Certification of the Principal Executive Officer pursuant to Section 302 of the Sarbanes-Oxley Act of 2002
- 31.3* Certification of the Principal Financial Officer pursuant to Section 302 of the Sarbanes-Oxley Act of 2002
- 32.1* Certification of Principal Executive Officer pursuant to Section 906 of the Sarbanes-Oxley Act of 2002
- 32.2* Certification of Principal Executive Officer pursuant to Section 906 of the Sarbanes-Oxley Act of 2002
 32.3* Certification of Principal Financial Officer pursuant to Section 906 of the Sarbanes-Oxley Act of 2002
- 101.1**+ The registrant's Quarterly Report on Form 10-Q for the quarter ended June 30, 2013, formatted in XBRL (Extensible Business Reporting Language): (i)
 Combined Balance Sheets, (ii) Combined Statements of Operation, (iii) Combined Statement of Changes in Equity, (iv) Combined Statements of Cash Flows and (v) the Notes to Combined Financial Statements that have been detail tagged
- * Previously filed by the registrant on Form 10-Q on September 3, 2013.
- ** Submitted electronically with this report.
- + Pursuant to Rule 406T of Regulation S-T, the XBRL information will not be deemed filed for purposes of Section 18 of the Securities Exchange Act of 1934 and will not be deemed filed or part of a registration statement or prospectus for purposes of Sections 11 and 12 of the Securities Act of 1933, or otherwise subject to liability under those Sections.
- † Compensatory plan or arrangement.