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): February 12, 2016

PLYMOUTH INDUSTRIAL REIT, INC.

(Exact name of registrant as specified in its charter)

Commission File Number: 333-173048

Maryland

(State or other jurisdiction of Incorporation or organization) 27-5466153

(I.R.S. Employer Identification No.)

260 Franklin Street, Suite 1900,

Boston, MA 02110

(Address of principal executive offices)

(617) 340-3814

(Registrant's telephone number)

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 (see General Instruction A.2. below):

Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)

Soliciting material pursuant to Rule 14a-I2 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.I4d-2(b))

Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))

Item 5.02. Departure of Directors or Certain Officers; Election of Directors; Appointment of Certain Officers; Compensatory Arrangements of Certain Officers.

On February 12, 2016, Plymouth Industrial REIT, Inc. (the "Company") received written letters of resignation from Darren R. Bertram, Gregory E. Kraut, Michael G. Reiter, Richard H. Ross and Paul W. White stating that they resigned, effective immediately, from their positions on the Board of Directors (the "Board") of the Company. Each of Messrs. Bertram, Kraut, Reiter, Ross and White resigned from the Board to pursue other business opportunities and not as a result of any dispute or disagreement with the Company.

SIGNATURE

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 hereunto duly authorized.

Date: February 17, 2016

PLYMOUTH INDUSTRIAL REIT, INC.

By: <u>/s/ Jeffrey E. Witherell</u> Jeffrey E. Witherell Chief Executive Officer