



Item 7.01. Regulation FD Disclosure.

On September 22, 2016, ARMOUR Residential REIT, Inc. ("ARMOUR") produced for distribution a slide deck presentation, which contains updates on ARMOUR's financial position, business and operations. Attached as Exhibit 99.1 to this report is the slide deck presentation produced by ARMOUR.

The slide deck presentation attached to this report as Exhibit 99.1 is furnished pursuant to this Item 7.01 and shall not be deemed filed in this or any other filing of ARMOUR under the Securities Exchange Act of 1934, as amended, unless expressly incorporated by specific reference in any such filing.

Item 9.01. Financial Statements and Exhibits.

(d) Exhibits

Exhibit No. Description

99.1 Slide Deck Presentation dated September 22, 2016

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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 hereunto duly authorized.

Dated: September 22, 2016

ARMOUR RESIDENTIAL REIT, INC.

By: /s/ Mark Gruber

Name: Mark Gruber

Title: Chief Operating Officer

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Exhibit Index

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