



DIVISION OF  
CORPORATION FINANCE

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

December 20, 2016

Via E-mail

Brian C. Sigman  
Chief Financial Officer  
AG Mortgage Investment Trust, Inc.  
245 Park Avenue, 26<sup>th</sup> Floor  
New York, New York 10167

**Re: AG Mortgage Investment Trust, Inc.**  
**Form 10-K for fiscal year end December 31, 2015**  
**Filed February 26, 2016**  
**File No. 001-35151**

Dear Mr. Sigman:

We have completed our review of your filing. We remind you that the company and its management are responsible for the accuracy and adequacy of their disclosures, notwithstanding any review, comments, action or absence of action by the staff.

Sincerely,

/s/ Kim McManus

Kim McManus  
Senior Counsel, Office of Real  
Estate and Commodities