

**UNITED STATES  
SECURITIES AND EXCHANGE COMMISSION**  
Washington, D.C. 20549

---

**SCHEDULE 14A**  
(Rule 14a-101)

**INFORMATION REQUIRED IN PROXY STATEMENT  
SCHEDULE 14A INFORMATION**

**Proxy Statement Pursuant to Section 14(a) of the  
Securities Exchange Act of 1934**

---

Filed by the registrant

Filed by a party other than the registrant

Check the appropriate box:

- Preliminary Proxy Statement
- Confidential, for Use of the Commission Only (as permitted by Rule 14a-6(e)(2))**
- Definitive Proxy Statement
- Definitive Additional Materials
- Soliciting Material Pursuant to §240.14a-12

**AG Mortgage Investment Trust, Inc.**  
(Name of registrant as specified in its charter)

(Name of person(s) filing proxy statement, if other than the registrant)

Payment of filing fee (Check the appropriate box):

- No fee required
- Fee computed on table below per Exchange Act Rules 14a-6(i)(1) and 0-11

(1) Title of each class of securities to which transaction applies:

---

(2) Aggregate number of securities to which transaction applies:

---

(3) Per unit price or other underlying value of transaction computed pursuant to Exchange Act Rule 0-11 (set forth the amount on which the filing fee is calculated and state how it was determined):

---

(4) Proposed maximum aggregate value of transaction:

---

(5) Total fee paid:

---

Fee paid previously with preliminary materials.

Check box if any part of the fee is offset as provided by Exchange Act Rule 0-11(a)(2) and identify the filing for which the offsetting fee was paid previously. Identify the previous filing by Registration Statement number, or the Form or Schedule and the date of its filing.

(1) Amount previously paid:

---

(2) Form, Schedule, or Registration Statement No.:

---

(3) Filing party:

---

(4) Date filed:

---

**AG MORTGAGE INVESTMENT TRUST, INC.**  
**245 PARK AVE., 26TH FL.**  
**NEW YORK, NY 10167**

**VOTE BY INTERNET - [www.proxyvote.com](http://www.proxyvote.com)**

Use the Internet to transmit your voting instructions and for electronic delivery of information up until 11:59 p.m. Eastern Time the day before the cut-off date or meeting date. Have your proxy card in hand when you access the web site and follow the instructions to obtain your records and to create an electronic voting instruction form.

**ELECTRONIC DELIVERY OF FUTURE PROXY MATERIALS**

If you would like to reduce the costs incurred by our company in mailing proxy materials, you can consent to receiving all future proxy statements, proxy cards and annual reports electronically via e-mail or the Internet. To sign up for electronic delivery, please follow the instructions above to vote using the Internet and, when prompted, indicate that you agree to receive or access proxy materials electronically in future years.

**VOTE BY PHONE - 1-800-690-6903**

Use any touch-tone telephone to transmit your voting instructions up until 11:59 p.m. Eastern Time the day before the cut-off date or meeting date. Have your proxy card in hand when you call and then follow the instructions.

**VOTE BY MAIL**

Mark, sign and date your proxy card and return it in the postage-paid envelope we have provided or return it to Vote Processing, c/o Broadridge, 51 Mercedes Way, Edgewood, NY 11717.

TO VOTE, MARK BLOCKS BELOW IN BLUE OR BLACK INK AS FOLLOWS:

E63738-P21345

KEEP THIS PORTION FOR YOUR RECORDS  
 DETACH AND RETURN THIS PORTION ONLY

THIS PROXY CARD IS VALID ONLY WHEN SIGNED AND DATED.

<b>AG MORTGAGE INVESTMENT TRUST, INC.</b>		<b>For All</b>	<b>Withhold All</b>	<b>For All Except</b>	To withhold authority to vote for any individual nominee(s), mark "For All Except" and write the number(s) of the nominee(s) on the line below.
<b>The board of directors recommends you vote FOR ALL of the Nominees listed in Proposal 1.</b>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
1. Election of Directors					_____
<b>Nominees:</b>					
01) Arthur Ainsberg	05) Joseph LaManna				
02) Andrew L. Berger	06) Peter Linneman				
03) T.J. Durkin	07) David N. Roberts				
04) Debra Hess	08) Brian C. Sigman				
<b>The board of directors recommends you vote FOR Proposals 2 and 3.</b>					
2.	Ratification of the appointment of PricewaterhouseCoopers LLP as our independent registered public accounting firm for the year ending December 31, 2019	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3.	Approval, on an advisory basis, of our executive compensation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
For address changes and/or comments, please check this box and write them on the reverse side where indicated.		<input type="checkbox"/>			
Please sign exactly as your name(s) appear(s) hereon. When signing as attorney, executor, administrator, or other fiduciary, please give full title as such. Joint owners should each sign personally. All holders must sign. If a corporation or partnership, please sign in full corporate or partnership name by authorized officer.					
<input type="text"/>		<input type="text"/>		<input type="text"/>	
Signature [PLEASE SIGN WITHIN BOX]		Date		Signature (Joint Owners)	
<input type="text"/>		<input type="text"/>		<input type="text"/>	
Date		Date		Date	

**Important Notice Regarding the Availability of Proxy Materials for the Annual Meeting:**  
The Notice, Proxy Statement, and Annual Report are available at [www.proxyvote.com](http://www.proxyvote.com).

E63739-P21345

**AG MORTGAGE INVESTMENT TRUST, INC.  
Annual Meeting of Stockholders  
May 2, 2019 at 10:00 AM  
This proxy is solicited by the Board of Directors**

The undersigned hereby appoints David N. Roberts and Raul E. Moreno, and each of them, with full power of substitution and power to act alone, as proxies to vote all the shares of Common Stock which the undersigned would be entitled to vote if personally present and acting at the Annual Meeting of the Stockholders of AG Mortgage Investment Trust, Inc., to be held at the offices of Angelo, Gordon & Co., L.P., 245 Park Avenue, 25th Floor, New York, New York 10167, on Thursday, May 2, 2019 at 10:00 a.m., Eastern Time, and any adjournments or postponements thereof.

**This proxy, when properly executed, will be voted in the manner directed herein. If no such direction is made, this proxy will be voted in accordance with the board of directors' recommendations.**

Address Changes/Comments: \_\_\_\_\_  
\_\_\_\_\_

(If you noted any Address Changes/Comments above, please mark corresponding box on the reverse side.)

**Continued and to be signed on reverse side**

**\*\*\* Exercise Your *Right* to Vote \*\*\***  
**Important Notice Regarding the Availability of Proxy Materials for the  
Stockholder Meeting to Be Held on May 2, 2019**

**AG MORTGAGE INVESTMENT TRUST, INC.**

**Meeting Information**

**Meeting Type:** Annual Meeting  
**For holders as of:** March 8, 2019  
**Date:** May 2, 2019    **Time:** 10:00 AM Eastern Time  
**Location:** Angelo, Gordon & Co., L.P.  
245 Park Avenue, 25th Floor  
New York, NY 10167

AG MORTGAGE INVESTMENT TRUST, INC.  
245 PARK AVE., 26TH FL.  
NEW YORK, NY 10167

You are receiving this communication because you hold shares in the company named above.

This is not a ballot. You cannot use this notice to vote these shares. This communication presents only an overview of the more complete proxy materials that are available to you on the Internet. You may view the proxy materials online at [www.proxyvote.com](http://www.proxyvote.com) or easily request a paper copy (see reverse side).

We encourage you to access and review all of the important information contained in the proxy materials before voting.

**See the reverse side of this notice to obtain  
proxy materials and voting instructions.**

— **Before You Vote** —  
How to Access the Proxy Materials

**Proxy Materials Available to VIEW or RECEIVE:**

1. Notice                      2. Proxy Statement                      3. Annual Report

**How to View Online:**

Have the information that is printed in the box marked by the arrow → [XXXXXXXXXXXXXXXX] (located on the following page) and visit: [www.proxyvote.com](http://www.proxyvote.com).

**How to Request and Receive a PAPER or E-MAIL Copy:**

If you want to receive a paper or e-mail copy of these documents, you must request one. There is NO charge for requesting a copy. Please choose one of the following methods to make your request:

- 1) BY INTERNET: [www.proxyvote.com](http://www.proxyvote.com)
- 2) BY TELEPHONE: 1-800-579-1639
- 3) BY E-MAIL\*: [sendmaterial@proxyvote.com](mailto:sendmaterial@proxyvote.com)

\* If requesting materials by e-mail, please send a blank e-mail with the information that is printed in the box marked by the arrow → [XXXXXXXXXXXXXXXX] (located on the following page) in the subject line.

Requests, instructions and other inquiries sent to this e-mail address will NOT be forwarded to your investment advisor. Please make the request as instructed above on or before April 18, 2019 to facilitate timely delivery.

— **How To Vote** —  
Please Choose One of the Following Voting Methods

**Vote In Person:** Many stockholder meetings have attendance requirements including, but not limited to, the possession of an attendance ticket issued by the entity holding the meeting. Please check the meeting materials for any special requirements for meeting attendance. At the meeting, you will need to request a ballot to vote these shares.

**Vote By Internet:** To vote now by Internet, go to [www.proxyvote.com](http://www.proxyvote.com). Have the information that is printed in the box marked by the arrow → [XXXXXXXXXXXXXXXX] (located on the following page) available and follow the instructions.

**Vote By Mail:** You can vote by mail by requesting a paper copy of the materials, which will include a proxy card.

**Voting Items**

**The board of directors recommends you vote FOR ALL of the Nominees listed in Proposal 1.**

1. Election of Directors

**Nominees:**

01) Arthur Ainsberg	05) Joseph LaManna
02) Andrew L. Berger	06) Peter Linneman
03) T.J. Durkin	07) David N. Roberts
04) Debra Hess	08) Brian C. Sigman

**The board of directors recommends you vote FOR Proposals 2 and 3.**

2. Ratification of the appointment of PricewaterhouseCoopers LLP as our independent registered public accounting firm for the year ending December 31, 2019
3. Approval, on an advisory basis, of our executive compensation

