
UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
WASHINGTON, DC 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

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:

E40791-P00088

KEEP THIS PORTION FOR YOUR RECORDS

THIS PROXY CARD IS VALID ONLY WHEN SIGNED AND DATED.

DETACH AND RETURN THIS PORTION ONLY

AG MORTGAGE INVESTMENT TRUST, INC.

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

1. Election of Directors

For All ☐ Withhold All ☐ For All Except ☐

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.

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, 2018
3. Approval, on an advisory basis, of our executive compensation

For Against Abstain

☐ ☐ ☐

☐ ☐ ☐

The board of directors recommends you vote EVERY YEAR on Proposal 4.

4. Recommendation, on an advisory basis, of the frequency of future advisory votes on our executive compensation

Every Year Two Years Three Years Abstain

☐ ☐ ☐ ☐

For address changes and/or comments, please check this box and write them on the reverse side where indicated.

☐

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.

Signature [PLEASE SIGN WITHIN BOX] Date

Signature (Joint Owners) 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.

E40792-P00088

**AG MORTGAGE INVESTMENT TRUST, INC.
Annual Meeting of Stockholders
May 2, 2018 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 Wednesday, May 2, 2018 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
Shareholder Meeting to Be Held on May 2, 2018**

AG MORTGAGE INVESTMENT TRUST, INC.

Meeting Information

Meeting Type: Annual Meeting
For holders as of: March 7, 2018
Date: May 2, 2018 **Time:** 10:00 AM Eastern Time
Location: Angelo, Gordon & Co., L.P.
245 Park Avenue, 25th Floor
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 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 → XXXX XXXX XXXX XXXX (located on the following page) and visit: 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
- 2) BY TELEPHONE: 1-800-579-1639
- 3) BY E-MAIL*: 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 → XXXX XXXX XXXX XXXX (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, 2018 to facilitate timely delivery.

— How To Vote —

Please Choose One of the Following Voting Methods

Vote In Person: If you choose to vote these shares in person at the meeting, you must request a "legal proxy." To do so, please follow the instructions at www.proxyvote.com or request a paper copy of the materials, which will contain the appropriate instructions. Many shareholder 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.

Vote By Internet: To vote now by Internet, go to www.proxyvote.com. Have the information that is printed in the box marked by the arrow → XXXX XXXX XXXX XXXX (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 voting instruction form.

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 LaMarina
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, 2018
3. Approval, on an advisory basis, of our executive compensation

The board of directors recommends you vote EVERY YEAR on Proposal 4.

4. Recommendation, on an advisory basis, of the frequency of future advisory votes on our executive compensation

NOTE: We will transact no other business at the meeting, except for business properly brought before the meeting and any adjournment thereof.

Voting Instructions