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

FORM S-8 REGISTRATION STATEMENT UNDER THE SECURITIES ACT OF 1933

MFA FINANCIAL, INC.

(Exact name of registrant as specified in its charter)

Maryland

(State or other jurisdiction of incorporation or organization)

One Vanderbilt Ave., 48th Floor New York, New York (Address of Principal Executive Offices) 13-3974868 (IRS Employer Identification No.)

10017 (Zip Code)

MFA Financial, Inc. Equity Compensation Plan (Full title of the plan)

Craig L. Knutson Chief Executive Officer MFA Financial, Inc. One Vanderbilt Ave., 48th Floor New York, New York 10017 (212) 207-6400

(Name, address, including zip code, and telephone number, including area code, of agent for service)

With copies to:

Harold E. Schwartz
Senior Vice President, General Counsel and Secretary
MFA Financial, Inc.
One Vanderbilt Ave., 48th Floor
New York, New York 10017
(212) 207-6400

Robert K. Smith, Esq. Hunton Andrews Kurth LLP 2200 Pennsylvania Ave NW Washington, DC 20037 (202) 955-1500

Indicate by check mark whether the registrant is a large accelerated filer, an accelerated filer, a non-accelerated filer, a smaller reporting company, or an emerging growth company. See the definitions of "large accelerated filer," "smaller reporting company" and "emerging growth company" in Rule 12b-2 of the Exchange Act.

Large accelerated filer x Non-accelerated filer " (Do not check if a smaller reporting company) Emerging growth company " Accelerated filer "Smaller reporting company "

If an emerging growth company, indicate by check mark if the registrant has elected not to use the extended transition period for complying with any new or revised financial accounting standards provided pursuant to Section 13(a) of the Exchange Act.

EXPLANATORY NOTE

MFA Financial, Inc. (the "Company," "we" or "our") is filing this registration statement on Form S-8 to register 5,500,000 additional shares of our common stock, par value \$0.01 per share (the "Common Stock"), issuable pursuant to the MFA Financial, Inc. Equity Compensation Plan (the "Plan"), as amended and restated on June 3, 2025.

The Company previously filed the following registration statements on Form S-8 relating to shares of Common Stock issuable under earlier versions of the Plan: (i) the Company's Equity Compensation Plan (File Nos. 333-205105 and 333-272959) filed by the Company and effective on June 19, 2015 and June 27, 2023, respectively, (ii) the Company's Amended and Restated 2010 Equity Compensation Plan (File No. 333-167107) filed by the Company and effective on May 26, 2010, (iii) the Company's 2004 Equity Compensation Plan (File No. 333-121365) filed by the Company and effective on December 17, 2004, and (iv) the Company's 1997 Stock Option Plan (File Nos. 333-39772 and 333-67758) filed by the Company and effective on June 21, 2000 and August 17, 2001, respectively. The contents of these previously filed registration statements are hereby incorporated by reference herein.

Including the 5,500,000 additional shares registered hereunder, approximately 13.2 million shares of Common Stock are reserved for issuance under the Plan.

PART I

INFORMATION REQUIRED IN THE SECTION 10(a) PROSPECTUS

Item 1. Plan Information.*

Item 2. Registrant Information and Employee Plan Annual Information.*

* As permitted by Rule 428 under the Securities Act this registration statement omits the information specified in Part I of Form S-8. The documents containing the information specified in Part I of Form S-8 will be sent or given to employees as specified by Rule 428(b)(1) of the Securities Act. These documents need not be filed with the Securities and Exchange Commission (the "SEC") either as part of this registration statement or as prospectuses or prospectus supplements pursuant to Rule 424 under the Securities Act. These documents and the documents incorporated by reference in this registration statement pursuant to Item 3 of Part II of this registration statement, taken together, constitute a prospectus that meets the requirements of Section 10(a) of the Securities Act.

PART II

INFORMATION REQUIRED IN THE REGISTRATION STATEMENT

Item 3. Incorporation of Documents by Reference.

The following documents filed by the Company with the SEC pursuant to the Securities Act, and the Securities Exchange Act of 1934, as amended (the "Exchange Act") are incorporated herein by reference and made a part hereof:

- (a) the Company's Annual Report on Form 10-K for the year ended December 31, 2024, filed with the SEC on February 20, 2025;
- (b) the Company's Quarterly Report on Form 10-Q for the quarter ended March 31, 2025, filed with the SEC on May 6, 2025;
- (c) the Company's Quarterly Report on Form 10-Q for the quarter ended June 30, 2025, filed with the SEC on August 6, 2025;
- (d) the Company's Quarterly Report on Form 10-Q for the quarter ended September 30, 2025, filed with the SEC on November 6, 2025;
- (e) the information specifically incorporated by reference into the Company's Annual Report on Form 10-K for the year ended December 31, 2024 from the Company's Definitive Proxy Statement on Schedule 14A, filed with the SEC on April 18, 2025;
 - (f) the Company's Current Reports on Form 8-K, filed with the SEC on each of March 4, 2025, June 5, 2025, August 15, 2025, and October 30, 2025; and
- (g) the description of the Company's common stock, par value \$0.01 per share, contained in the Company's registration statement on Form 8-A filed with the SEC on March 26, 1998, including all amendments and reports filed for the purpose of updating such description.

All reports and other documents that we file in accordance with Sections 13(a), 13(c), 14 and 15(d) of the Exchange Act after the date of this registration statement and prior to the filing of a post-effective amendment to this registration statement that indicates that all securities offered by this registration statement have been sold or that deregisters all securities covered hereby then remaining unsold, shall be deemed to be incorporated by reference into this registration statement and to be a part hereof from the date of filing of such documents. If any document that we file changes anything stated in this registration statement or in an earlier document that is incorporated into this registration statement, the later document will modify or supersede what is stated in this registration statement or the earlier document. Unless expressly incorporated by reference into this registration statement, nothing in this Item 3 shall be deemed to incorporate information furnished by us on Form 8-K (pursuant to the requirements of Regulation FD or otherwise) that, pursuant to and in accordance with the rules and regulations of the SEC, is not deemed "filed" for purposes of the Exchange Act.

Item 4. Description of Securities

Not applicable.

Item 5. Interests of Named Experts and Counsel

Not applicable.

Item 6. Indemnification of Officers and Directors

Maryland law permits a Maryland corporation to include in its charter a provision limiting the liability of its directors and officers to the corporation and its stockholders for money damages except for liability resulting from (i) actual receipt of an improper benefit or profit in money, property or services or (ii) active and deliberate dishonesty established by a final judgment and which is material to the cause of action. Our charter contains such a provision which eliminates directors' and officers' liability to the maximum extent permitted by Maryland law.

Our charter obligates us, to the maximum extent permitted by Maryland law, to indemnify any director or officer or any individual who, while a director or officer of our company, serves our company or, at the request of our company, serves or has served another entity, from and against any claim or liability to which that individual may become subject or which that individual may incur by reason of his or her status as a director or officer of our company and to pay or reimburse his or her reasonable expenses in advance of final disposition of a proceeding. The charter also permits our company to indemnify and advance expenses to any employee or agent of our company.

Maryland law requires a corporation (unless its charter provides otherwise, which our charter does not) to indemnify a director or officer who has been successful in the defense of any proceeding to which he or she is made, or threatened to be made, a party by reason of his or her service in that capacity. Maryland law permits a corporation to indemnify its present and former directors and officers, among others, against judgments, penalties, fines, settlements and reasonable expenses actually incurred by them in connection with any proceeding to which they may be made, or threatened to be made, a party by reason of their service in those or other capacities unless it is established that (i) the act or omission of the director or officer was material to the matter giving rise to the proceeding and (a) was committed in bad faith or (b) was the result of active and deliberate dishonesty, (ii) the director or officer actually received an improper personal benefit in money, property or services or (iii) in the case of any criminal proceeding, the director or officer had reasonable cause to believe that the act or omission was unlawful. However, under Maryland law, a Maryland corporation may not indemnify for an adverse judgment in a suit by or in the right of the corporation or for a judgment of liability on the basis that personal benefit was improperly received, unless in either case a court orders indemnification and then only for expenses. In addition, Maryland law permits a corporation to advance reasonable expenses to a director or officer upon the corporation's receipt of (i) a written affirmation by the director or officer of his or her good faith belief that he or she has met the standard of conduct necessary for indemnification by the corporation and (ii) a written undertaking by him or her or on his or her behalf to repay the amount paid or reimbursed by the corporation if it is ultimately determined that the standard of conduct was not met.

We maintain directors and officers insurance policies designed to reimburse us for any payments made by us pursuant to the foregoing indemnifications. Pursuant to employment agreements with our executive officers, we are required to maintain such policies during the officers' employment and for six years thereafter.

Item 7. Exemption From Registration Claimed

Not applicable.

Item 8. Exhibits

Exhibit	
Number	Description
<u>4.1</u>	Specimen of common stock certificate of the Company (incorporated herein by reference to Exhibit 4.1 of the registration statement on Form S-4.
	dated February 12, 1998, filed by the Company pursuant to the Securities Act (Commission File No. 333-46179)).
<u>4.2</u>	Equity Compensation Plan of the Company (incorporated herein by reference to Exhibit 10.1 of the Form 8-K, dated June 3, 2025, filed by the
	Company pursuant to the Exchange Act (Commission File No. 1-13991)).
<u>5.1†</u>	Opinion of Venable LLP as to the legality of the securities being registered.
<u>23.1†</u>	Consent of Venable LLP (included in Exhibit 5.1)
<u>23.2†</u>	Consent of KPMG LLP
<u>24.1</u>	Power of Attorney (included on signature page of this registration statement).
<u>107†</u>	Filing Fee Table

[†] Filed herewith.

Item 9. Undertakings

- (a) The undersigned registrant hereby undertakes:
 - (1) To file, during any period in which offers or sales are being made, a post-effective amendment to this registration statement:
 - (i) To include any prospectus required by Section 10(a)(3) of the Securities Act of 1933;
- (ii) To reflect in the prospectus any facts or events arising after the effective date of the registration statement (or the most recent post-effective amendment thereof) which, individually or in the aggregate, represent a fundamental change in the information set forth in the registration statement. Notwithstanding the foregoing, any increase or decrease in volume of securities offered (if the total dollar value of securities offered would not exceed that which was registered) and any deviation from the low or high end of the estimated maximum offering range may be reflected in the form of prospectus filed with the SEC pursuant to Rule 424(b) if, in the aggregate, the changes in volume and price represent no more than 20% change in the maximum aggregate offering price set forth in the "Calculation of Registration Fee" table in the effective registration statement;
- (iii) To include any material information with respect to the plan of distribution not previously disclosed in the registration statement or any material change to such information in the registration statement.

Provided, however, that paragraphs (a)(1)(i) and (a)(1)(ii) do not apply if the information required to be included in a post-effective amendment by those paragraphs is contained in reports filed with or furnished to the SEC by the registrant pursuant to Section 13 or Section 15(d) of the Securities Exchange Act of 1934 that are incorporated by reference in the registration statement.

- (2) That, for the purpose of determining any liability under the Securities Act of 1933, each such post-effective amendment shall be deemed to be a new registration statement relating to the securities offered therein, and the offering of such securities at that time shall be deemed to be the initial bona fide offering thereof.
- (3) To remove from registration by means of a post-effective amendment any of the securities being registered which remain unsold at the termination of the offering.
- (b) The undersigned registrant hereby undertakes that, for purposes of determining any liability under the Securities Act of 1933, each filing of the registrant's annual report pursuant to Section 13(a) or Section 15(d) of the Securities Exchange Act of 1934 (and, where applicable, each filing of an employee benefit plan's annual report pursuant to Section 15(d) of the Securities Exchange Act of 1934) that is incorporated by reference in the registration statement shall be deemed to be a new registration statement relating to the securities offered therein, and the offering of such securities at that time shall be deemed to be the initial bona fide offering thereof.
- (c) Insofar as indemnification for liabilities arising under the Securities Act of 1933 may be permitted to directors, officers and controlling persons of the registrant pursuant to the foregoing provisions, or otherwise, the registrant has been advised that in the opinion of the SEC such indemnification is against public policy as expressed in the Act and is, therefore, unenforceable. In the event that a claim for indemnification against such liabilities (other than the payment by the registrant of expenses incurred or paid by a director, officer or controlling person of the registrant in the successful defense of any action, suit or proceeding) is asserted by such director, officer or controlling person in connection with the securities being registered, the registrant will, unless in the opinion of its counsel the matter has been settled by controlling precedent, submit to a court of appropriate jurisdiction the question whether such indemnification by it is against public policy as expressed in the Act and will be governed by the final adjudication of such issue.

SIGNATURES

Pursuant to the requirements of the Securities Act of 1933, as amended, the registrant certifies that it has reasonable grounds to believe that it meets all of the requirements for filing on Form S-8 and has duly caused this registration statement to be signed on its behalf by the undersigned, thereunto duly authorized, in the City of New York, State of New York, on November 18, 2025.

MFA FINANCIAL, INC.

By: /s/ Craig L. Knutson

Name: Craig L. Knutson

Title: Chief Executive Officer and Director

POWER OF ATTORNEY

KNOW ALL MEN BY THESE PRESENTS, that each person whose signature appears below constitutes and appoints Craig L. Knutson, Michael C. Roper and Harold E. Schwartz, and each of them, with full power to act without the other, such person's true and lawful attorneys-in-fact and agents, with full power of substitution and resubstitution, for him and in his name, place and stead, in any and all capacities, to sign this Registration Statement, and any and all amendments thereto (including post-effective amendments), and to file the same, with exhibits and schedules thereto, and other documents in connection therewith, with the SEC, granting unto said attorneys-in-fact and agents, and each of them, full power and authority to do and perform each and every act and thing necessary or desirable to be done in and about the premises, as fully to all intents and purposes as he or she might or could do in person, hereby ratifying and confirming all that said attorneys-in-fact and agents, or any of them, or their or his substitute or substitutes, may lawfully do or cause to be done by virtue hereof.

Pursuant to the requirements of the Securities Act of 1933, as amended, this Registration Statement has been signed by the following persons in the capacities and on the dates indicated.

Name and Signature	Title	Date		
/s/ Craig L. Knutson Craig L. Knutson	Chief Executive Officer and Director (Principal Executive Officer)	November 18, 2025		
/s/ Michael C. Roper Michael C. Roper	Senior Vice President and Chief Financial Officer (Principal Financial Officer)	November 18, 2025		
/s/ Bryan Doran Bryan Doran	Senior Vice President and Chief Accounting Officer (Principal Accounting Officer)	November 18, 2025		
/s/ Laurie S. Goodman Laurie S. Goodman	Chair of the Board and Director	November 18, 2025		

/s/ Robin Josephs Robin Josephs	Director	November 18, 2025
/s/ Lisa Polsky Lisa Polsky	Director	November 18, 2025
/s/ Christopher Small Christopher Small	Director	November 18, 2025
/s/ Sheila A. Stamps Sheila A. Stamps	Director	November 18, 2025
/s/ Richard C. Wald Richard C. Wald	Director	November 18, 2025



750 E. PRATT STREET SUITE 900 BALTIMORE, MD 21202 T 410.244.7400 F 410.244.7742 www.Venable.com

November 18, 2025

MFA Financial, Inc. One Vanderbilt Ave. 48th Floor New York, New York 10017

Re: Registration Statement on Form S-8

Ladies and Gentlemen:

We have served as Maryland counsel to MFA Financial, Inc., a Maryland corporation (the "Company"), in connection with certain matters of Maryland law relating to the registration by the Company of an additional 5,500,000 shares (the "Shares") of common stock, par value \$0.01 per share (the "Common Stock"), of the Company that the Company may issue pursuant to the Company's Equity Compensation Plan, as amended and restated (the "Plan"), covered by the above-referenced Registration Statement (the "Registration Statement"), filed by the Company with the United States Securities and Exchange Commission (the "Commission") under the Securities Act of 1933, as amended (the "1933 Act").

In connection with our representation of the Company, and as a basis for the opinion hereinafter set forth, we have examined originals, or copies certified or otherwise identified to our satisfaction, of the following documents (hereinafter collectively referred to as the "Documents"):

- 1. The Registration Statement;
- 2. The charter of the Company (the "Charter"), certified by the State Department of Assessments and Taxation of Maryland (the "SDAT");
- 3. The Amended and Restated Bylaws of the Company, certified as of the date hereof by an officer of the Company;
- 4. A certificate of the SDAT as to the good standing of the Company, dated as of a recent date;
- 5. The Plan, certified as of the date hereof by an officer of the Company;
- 6. Resolutions (the "Resolutions") adopted by the Board of Directors of the Company, relating to, among other matters, the issuance of the Shares and the approval of the Plan, certified as of the date hereof by an officer of the Company;
 - 7. The Company's Current Report on Form 8-K, filed with the Commission on June 5, 2025, reporting the approval by the stockholders of the Plan;



MFA Financial, Inc. November 18, 2025 Page 2

- 8. A certificate executed by an officer of the Company, dated as of the date hereof; and
- 9. Such other documents and matters as we have deemed necessary or appropriate to express the opinion set forth below, subject to the assumptions, limitations and qualifications stated herein.

In expressing the opinion set forth below, we have assumed the following:

- 1. Each individual executing any of the Documents, whether on behalf of such individual or another person, is legally competent to do so.
- 2. Each individual executing any of the Documents on behalf of a party (other than the Company) is duly authorized to do so.
- 3. Each of the parties (other than the Company) executing any of the Documents has duly and validly executed and delivered each of the Documents to which such party is a signatory, and such party's obligations set forth therein are legal, valid and binding and are enforceable in accordance with all stated terms.
- 4. All Documents submitted to us as originals are authentic. The form and content of all Documents submitted to us as unexecuted drafts do not differ in any respect relevant to this opinion from the form and content of such Documents as executed and delivered. All Documents submitted to us as certified or photostatic copies conform to the original documents. All signatures on all Documents are genuine. All public records reviewed or relied upon by us or on our behalf are true and complete. All representations, warranties, statements and information contained in the Documents are true and complete. There has been no oral or written modification of or amendment to any of the Documents, and there has been no waiver of any provision of any of the Documents, by action or omission of the parties or otherwise.
- 5. The Shares will not be issued or transferred in violation of any restriction or limitation on ownership and transfer contained in the Charter or the Plan. Upon any issuance of Shares, the total number of shares of Common Stock issued and outstanding will not exceed the total number of shares of Common Stock that the Company is then authorized to issue under the Charter.
- 6. Each award that provides for the potential issuance of a Share pursuant to the Plan (each, an "Award") will be duly authorized and validly granted in accordance with the Plan.



MFA Financial, Inc. November 18, 2025 Page 3

Based upon the foregoing, and subject to the assumptions, limitations and qualifications stated herein, it is our opinion that:

- 1. The Company is a corporation duly incorporated and existing under and by virtue of the laws of the State of Maryland and is in good standing with the SDAT.
- 2. The issuance of the Shares has been duly authorized and, when and if issued in accordance with the Registration Statement, the Resolutions and the Plan, the Shares will be validly issued, fully paid and nonassessable.

The foregoing opinion is limited to the laws of the State of Maryland and we do not express any opinion herein concerning any federal law or the laws of any other jurisdiction. We express no opinion as to the applicability or effect of federal or state securities laws, including the securities laws of the State of Maryland, or as to federal or state laws regarding fraudulent transfers. To the extent that any matter as to which our opinion is expressed herein would be governed by the laws of any jurisdiction other than the State of Maryland, we do not express any opinion on such matter. The opinion expressed herein is subject to the effect of any judicial decision which may permit the introduction of parol evidence to modify the terms or the interpretation of agreements.

The opinion expressed herein is limited to the matters specifically set forth herein and no other opinion shall be inferred beyond the matters expressly stated. We assume no obligation to supplement this opinion if any applicable law changes after the date hereof or if we become aware of any fact that might change the opinion expressed herein after the date hereof.

This opinion is being furnished to you for submission to the Commission as an exhibit to the Registration Statement. We hereby consent to the filing of this opinion as an exhibit to the Registration Statement and to the use of the name of our firm therein. In giving this consent, we do not admit that we are within the category of persons whose consent is required by Section 7 of the 1933 Act.

Very truly yours,

/s/ Venable LLP

Consent of Independent Registered Public Accounting Firm

We consent to the use of our reports dated February 20, 2025, with respect to the consolidated financial statements of MFA Financial, Inc., and the effectiveness of internal control over financial reporting, incorporated herein by reference.

/s/ KPMG LLP

New York, New York November 18, 2025

Calculation of Filing Fee Tables

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MFA FINANCIAL, INC.

Table 1: Newly Registered Securities

	Security Type	Security Class Title	Fee Calculation Rule	Amount Registered	Proposed Maximum Offering Price Per Unit	Maximum Aggregate Offering Price	Fee Rate	Amount of Registration Fee
1	Equity	Common Stock, \$0.01 par value per share	457(a)	5,500,000	\$ 9.355	\$ 51,452,500.00	0.0001381	\$ 7,105.59
Total Offering Amounts: Total Fee Offsets: Net Fee Due:						\$ 51,452,500.00		\$ 7,105.59 \$ 0.00 \$ 7,105.59

Offering Note

- 1(a) Pursuant to Rule 416 under the Securities Act of 1933, as amended (the "Securities Act"), this Registration Statement shall also cover additional shares of common stock, par value \$0.01 per share, of MFA Financial Inc., (the "Company"), which may become issuable by reason of any stock split, stock dividend, recapitalization or other similar transaction effected without consideration which results in an increase in the number of the Company's outstanding shares of common stock.
- 1(b) The proposed maximum offering price per share and the proposed maximum aggregate offering price are estimated solely for purposes of calculating the registration fee and are based, pursuant to Rule 457(c) and 457(h) under the Securities Act of 1933, upon the average of the high and low prices of the Common Stock on November 12, 2025, as reported on the New York Stock Exchange.

Table 2: Fee Offset Claims and Sources

☑Not Applicable

	Enter Application											
		Registrant or Filer Name		File Number	Initial Filing Date	Pate	Fee Offset Claimed	with Eco	Security Title Associated with Fee Offset Claimed		Associated with Fee	Fee Paid with Fee Offset Source
						Rule	e 457(p)					
Fee Offset Claims	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Fee Offset Sources	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A