## **BRIGHTSPIRE CAPITAL, INC.**

Proxy for Annual Meeting of Stockholders on May 16, 2024 Solicited on Behalf of the Board of Directors

The undersigned hereby appoints David A. Palamé and Frank V. Saracino, with full power of substitution and power to act alone, as proxy 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 Stockholders of BrightSpire Capital, Inc., to be held May 16, 2024 at 10:00 A.M. EDT, virtually at https://web.lumiagm.com/219091430 (password: brightspire2024), and at any adjournments or postponements thereof, and at the discretion of the proxies on any other matters that may properly come before the meeting. If specific voting instructions are not provided and the signed card is returned, the proxies will vote in accordance with the Board of Directors recommendations listed on the reverse side.

(Continued and to be signed on the reverse side)

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## ANNUAL MEETING OF STOCKHOLDERS OF

## BRIGHTSPIRE CAPITAL, INC.

May 16, 2024

## IMPORTANT NOTICE REGARDING THE AVAILABILITY OF PROXY MATERIALS FOR THE MEETING OF STOCKHOLDERS TO BE HELD ON MAY 16, 2024.

The Notice of Meeting, Proxy Statement and Proxy Card are available at https://ir.brightspire.com/events-and-presentations/events

Please sign, date and mail your proxy card in the envelope provided as soon as possible.

Please detach along perforated line and mail in the envelope provided.

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|--|--|---------------------------------|-----------|-----|---|--|--|------|----------|---------|
| PLEASE SIGN, D   |  | AND "FOR" P                     | ROPOSAL 2 | ANI | D PROPOSAL 3.   | TOR NOMINEES IN PROPOSA<br>R VOTE IN BLUE OR BLACK |  | HERE | х        | ]       |
| HEREIN. IF NO DIREC  | OPERLY EXECUTED WILL BE VOTEI<br>CTION IS MADE THIS PROXY WILI<br>AL 2 AND PROPOSAL 3.                       |                                 |           | 2.  | year terms expiring at the 2 Catherine D. Rice Kim S. Diamond Catherine Long Vernon B. Schwartz John E. Westerfield Michael J. Mazzei Approval of an advisory p | tment of Ernst & Young LLP as inde                 | s.<br>ion paid to BrightS <sub>l</sub> | FOR  | AGAINST  | ABSTAIN |
| indicate your new add changes to the register this method. | s on your account, please check th<br>lress in the address space above.<br>red name(s) on the account may no | Please note that be submitted v | at<br>ria | 4.  | before the meeting.   | roxies are authorized to vote upon                 |  |      | properly | come    |
| Signature of Stockholder                                   |  | Date                            | :         |     | Signature of Stockholder  |  | Da                                     | ite: |          |         |

Note: Please sign exactly as your name or names appear on this Proxy. When shares are held jointly, each holder should sign. When signing as executor, administrator, attorney, trustee or guardian, please give full title as such. If the signer is a corporation, please sign full corporate name by duly authorized officer, giving full title as such. If signer is a partnership, please sign in partnership name by authorized person.