Instruction 1(b).

### FORM 4

Check this box if no longer subject

to Section 16. Form 4 or Form 5 obligations may continue. See

## UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549 STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934

|             | ROVAL     |
|-------------|-----------|
| OMB Number: | 3235-0287 |

Estimated average burden hours per response: 0.5

|   |                             |                | or Section 30(h) of the Investment Company Act of 1940  |                        |   |               |  |
|---|-----------------------------|----------------|---|------------------------|---|---------------|--|
| Herrington N<br>(Last)                  | 795 EAST COTTONWOOD PARKWAY |                | 2. Issuer Name and Ticker or Trading Symbol <u>Extra Space Storage Inc.</u> [EXR] 3. Date of Earliest Transaction (Month/Day/Year) 02/16/2023 |                        | 5. Relationship of Reporting Person(s) to<br>(Check all applicable)<br>Director 10%<br>X Officer (give title Othe<br>below) EVP & COO |               |  |
| (Street)<br>SALT LAKE<br>CITY<br>(City) | UT<br>(State)               | 84121<br>(Zip) | 4. If Amendment, Date of Original Filed (Month/Day/Year)  | 6. Indiv<br>Line)<br>X | vidual or Joint/Group Filin<br>Form filed by One Rep<br>Form filed by More tha<br>Person  | orting Person |  |

#### Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

| 1. Title of Security (Instr. 3) | 2. Transaction<br>Date<br>(Month/Day/Year) | 2A. Deemed<br>Execution Date,<br>if any<br>(Month/Day/Year) | 3.<br>Transa<br>Code (<br>8) |   | 4. Securities<br>Disposed Of<br>5) |               |          | 5. Amount of<br>Securities<br>Beneficially<br>Owned Following<br>Reported | 6. Ownership<br>Form: Direct<br>(D) or Indirect<br>(I) (Instr. 4) | 7. Nature<br>of Indirect<br>Beneficial<br>Ownership<br>(Instr. 4) |
|---------------------------------|--|---|------------------------------|---|------------------------------------|---------------|----------|---|---|---|
|                                 |  |   | Code                         | v | Amount                             | (A) or<br>(D) | Price    | Transaction(s)<br>(Instr. 3 and 4)  |   |   |
| Common Stock                    | 02/16/2023                                 |   | F                            |   | 102(1)                             | D             | \$158.84 | 4,767   | D   |   |
| Common Stock                    |  |   |                              |   |                                    |               |          | 127   | Ι   | By<br>401(k)<br>Plan <sup>(2)</sup>                               |

# Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned

(e.g., puts, calls, warrants, options, convertible securities)

| 1. Title of<br>Derivative<br>Security<br>(Instr. 3) | 2.<br>Conversion<br>or Exercise<br>Price of<br>Derivative<br>Security | 3. Transaction<br>Date<br>(Month/Day/Year) | 3A. Deemed<br>Execution Date,<br>if any<br>(Month/Day/Year) | 4.<br>Transaction<br>Code (Instr.<br>8) |   | 5. Number<br>of<br>Derivative<br>Securities<br>Acquired<br>(A) or<br>Disposed<br>of (D)<br>(Instr. 3, 4<br>and 5) |          | 6. Date Exercisable and<br>Expiration Date<br>(Month/Day/Year) |                    | 7. Title and<br>Amount of<br>Securities<br>Underlying<br>Derivative<br>Security (Instr.<br>3 and 4) |  | 8. Price of<br>Derivative<br>Security<br>(Instr. 5) | 9. Number of<br>derivative<br>Securities<br>Beneficially<br>Owned<br>Following<br>Reported<br>Transaction(s)<br>(Instr. 4) | 10.<br>Ownership<br>Form:<br>Direct (D)<br>or Indirect<br>(I) (Instr. 4) | 11. Nature<br>of Indirect<br>Beneficial<br>Ownership<br>(Instr. 4) |
|---|---|--|---|---|---|---|----------|--|--------------------|---|--|---|--|--|--|
|   |   |  |   | Code                                    | v | (A)   | )<br>(D) | Date<br>Exercisable  | Expiration<br>Date | Title   | Amount<br>or<br>Number<br>of<br>Shares |   |  |  |  |

### Explanation of Responses:

1. Represents shares withheld by the Issuer in payment of the tax liability arising in connection with the settlement of vested restricted stock awards. Restricted stock awards vest 25% annually over four years, beginning on the first anniversary of the grant date

2. The information in this report is based on plan information as of February 10, 2023.

### **Remarks:**

Grace Kunde - attorney in fact 02/23/2023

\*\* Signature of Reporting Person Date

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

\* If the form is filed by more than one reporting person, see Instruction 4 (b)(v).

\*\* Intentional misstatements or omissions of facts constitute Federal Criminal Violations See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure.

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB Number.