FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

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STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

| 1. Name and Address of Reporting Person* Wilson Stephen W | | | 2. Issuer Name and Ticker or Trading Symbol AVALONBAY COMMUNITIES INC [AVB] | 5. Relat (Check | s) to Issuer 10% Owner Other (specify | |
|--|--|-------|---|--------------------|--|-------------------|
| | (First) Y COMMUNITIES, /ER, 671 N. GLEBE | | 3. Date of Earliest Transaction (Month/Day/Year) 05/11/2015 | | Executive Vice Pro | below) esident |
| (Street) ARLINGTON | VA | 22203 | 4. If Amendment, Date of Original Filed (Month/Day/Year) | 6. Indivi | dual or Joint/Group Filing (Cho Form filed by One Reporting Form filed by More than On | g Person |
| (City) | (State) | (Zip) | | | | |

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

| 1. Title of Security (Instr. 3) | 2. Transaction Date (Month/Day/Year) | 2A. Deemed Execution Date, if any (Month/Day/Year) | 3. Transac Code (Ir 8) | | Of (D) (Instr. 3, 4 and 5) | | | 5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. | 6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | 7. Nature of Indirect Beneficial Ownership (Instr. 4) | |
|---|--|---|---------------------------------|---|----------------------------|---------------|-------------|--|---|---|--|
| | | | Code | v | Amount | (A) or (D) | Price | 3 and 4) | | (11150: 4) | |
| Common Stock, par value \$.01 per share | 05/11/2015 | | M | | 2,412 | A | \$130.23 | 30,475.794(1) | D | | |
| Common Stock, par value \$.01 per share | 05/11/2015 | | M | | 1,240 | A | \$132.95 | 31,715.794(1) | D | | |
| Common Stock, par value \$.01 per share | 05/11/2015 | | S | | 3,652 | D | \$168.06(2) | 28,063.794(1) | D | | |

Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

| 1. Title of Derivative Security (Instr. 3) | 2. Conversion or Exercise Price of Derivative Security | 3. Transaction Date (Month/Day/Year) | 3A. Deemed Execution Date, if any (Month/Day/Year) | 4. Transac Code (Ir 8) | | Derivative | | 6. Date Exercisable and Expiration Date (Month/Day/Year) | | 7. Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4) | | 8. Price of Derivative Security (Instr. 5) | 9. Number of derivative Securities Beneficially Owned Following Reported | 10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | Beneficial Ownership (Instr. 4) |
|--|---|--|---|---------------------------------|---|------------|-------|--|--------------------|--|-------------------------------------|---|--|--|---------------------------------------|
| | | | | Code | v | (A) | (D) | Date Exercisable | Expiration Date | Title | Amount or Number of Shares | | Transaction(s) (Instr. 4) | | |
| Employee Stock Options (Right to Buy) | \$130.23 | 05/11/2015 | | М | | | 2,412 | 02/13/2014 ⁽³⁾ | 02/13/2023 | Common Stock | 2,412 | \$0.00 ⁽³⁾ | 2,413 | D | |
| Employee Stock Options (Right to Buy) | \$132.95 | 05/11/2015 | | M | | | 1,240 | 02/16/2013 ⁽⁴⁾ | 02/16/2022 | Common Stock | 1,240 | \$0.00 ⁽⁴⁾ | 752 ⁽⁵⁾ | D | |

Explanation of Responses:

- 1. The amount of securities owned following the reported transaction reflects direct ownership of all shares of common stock, including restricted shares.
- 2. This transaction was executed in multiple trades at prices ranging from \$168.01 to \$168.17. The price reported above reflects the weighted average sale price. The reporting person hereby undertakes to provide upon request to the SEC staff, the issuer or a security holder of the issuer full information regarding the number of shares and prices at which the transaction was effected.
- 3. The options exercised were included in options granted under the issuer's stock option and incentive plan on February 13, 2013 which became exercisable in three equal installments beginning on February 13, 2014.
- 4. The options exercised were included in options granted under the issuer's stock option and incentive plan on February 16, 2012 which became exercisable in three equal installments beginning on February 16, 2013.
- 5. Following the reported transaction, the reporting person holds 3,165 options to purchase the issuer's common stock granted on various dates and with varying exercise prices and vesting dates.

Remarks:

Catherine T. White, as attorney-in-fact under Power of Attorney dated 05/12/2015 February 17, 2010.

** Signature of Reporting Person Date

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

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.

 $^{^{\}star}$ 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).