Securities and Exchange Commission

Washington, D.C. 20549

Schedule 13G

(Rule 13d-102)

Information to be Included in Statements Filed Pursuant to § 240.13d-1(b), (c) and (d) and Amendments Thereto Filed Pursuant to § 240.13d-2

UNDER THE SECURITIES EXCHANGE ACT OF 1934 (Amendment No. 6)*

CoreSite Realty Corporation

(Name of Issuer)

Common Stock (Title of Class of Securities)

21870Q105 (CUSIP Number)

December 31, 2020 (Date of Event Which Requires Filing of this Statement)

Check the appropriate box to designate the rule pursuant to which this Schedule is filed:

 \Box Rule 13d-1(b)

 \Box Rule 13d-1(c)

 \boxtimes Rule 13d-1(d)

* The remainder of this cover page shall be filled out for a reporting person's initial filing on this form with respect to the subject class of securities, and for any subsequent amendment containing information which would alter the disclosures provided in a prior cover page.

The information required in the remainder of this cover page shall not be deemed to be "filed" for the purpose of Section 18 of the Securities Exchange Act of 1934 ("Act") or otherwise subject to the liabilities of that section of the Act but shall be subject to all other provisions of the Act (however, see the Notes).

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CUSIP No. 21870Q105 Schedule 13G Page 2 of 37 Names of Reporting Persons 1 Carlyle Group Management L.L.C. 2 Check the Appropriate Box if a Member of a Group (a) 🗆 (b) 🗆 SEC Use Only 3 Citizenship or Place of Organization 4 Delaware Sole Voting Power 5 0 Number of 6 Shared Voting Power Shares Beneficially 5,875,218 Owned by Each Sole Dispositive Power 7 Reporting Person 0 With Shared Dispositive Power 8 5,875,218 Aggregate Amount Beneficially Owned by Each Reporting Person 9 5,875,218 10 Check if the Aggregate Amount in Row (9) Excludes Certain Shares Not Applicable Percent of Class Represented by Amount in Row 9 11 12.1% 12 Type of Reporting Person OO (Limited Liability Company)

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CUSIP No. 21870Q105 Schedule 13G Page 4 of 37 Names of Reporting Persons 1 Carlyle Holdings I GP Sub L.L.C. Check the Appropriate Box if a Member of a Group 2 (a) 🗆 (b) 🗆 SEC Use Only 3 Citizenship or Place of Organization 4 Delaware Sole Voting Power 5 0 Number of 6 Shared Voting Power Shares Beneficially 5,875,218 Owned by Each Sole Dispositive Power 7 Reporting Person 0 With Shared Dispositive Power 8 5,875,218 Aggregate Amount Beneficially Owned by Each Reporting Person 9 5,875,218 10 Check if the Aggregate Amount in Row (9) Excludes Certain Shares Not Applicable Percent of Class Represented by Amount in Row 9 11 12.1% 12 Type of Reporting Person OO (Limited Liability Company)

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CUSIP No. 21870Q105 Schedule 13G Page 6 of 37 Names of Reporting Persons 1 CG Subsidiary Holdings L.L.C. 2 Check the Appropriate Box if a Member of a Group (a) 🗆 (b) 🗆 SEC Use Only 3 Citizenship or Place of Organization 4 Delaware Sole Voting Power 5 0 Number of 6 Shared Voting Power Shares Beneficially 5,875,218 Owned by Each Sole Dispositive Power 7 Reporting Person 0 With Shared Dispositive Power 8 5,875,218 Aggregate Amount Beneficially Owned by Each Reporting Person 9 5,875,218 10 Check if the Aggregate Amount in Row (9) Excludes Certain Shares Not Applicable Percent of Class Represented by Amount in Row 9 11 12.1% 12 Type of Reporting Person OO (Limited Liability Company)

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CUSIP No. 21870Q105 Schedule 13G Page 11 of 37 Names of Reporting Persons 1 CoreSite CRP V Holdings, LLC 2 Check the Appropriate Box if a Member of a Group (a) 🗆 (b) 🗆 SEC Use Only 3 Citizenship or Place of Organization 4 Delaware Sole Voting Power 5 0 Number of 6 Shared Voting Power Shares Beneficially Owned by 5,875,218 Each Sole Dispositive Power 7 Reporting Person 0 With Shared Dispositive Power 8 5,875,218 Aggregate Amount Beneficially Owned by Each Reporting Person 9 5,875,218 10 Check if the Aggregate Amount in Row (9) Excludes Certain Shares Not Applicable Percent of Class Represented by Amount in Row 9 11 12.1% 12 Type of Reporting Person OO (Limited Liability Company)

CUSIP No. 218	νų	105 Schedule 13G	Page 12 of 3
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CUSIP No. 21870Q105 Schedule 13G Page 14 of 37 Names of Reporting Persons 1 CoreSite CRP III Holdings, LLC 2 Check the Appropriate Box if a Member of a Group (a) 🗆 (b) 🗆 SEC Use Only 3 Citizenship or Place of Organization 4 Delaware Sole Voting Power 5 0 Number of 6 Shared Voting Power Shares Beneficially 0 Owned by Each Sole Dispositive Power 7 Reporting Person 0 With 8 Shared Dispositive Power 0 Aggregate Amount Beneficially Owned by Each Reporting Person 9 0 10 Check if the Aggregate Amount in Row (9) Excludes Certain Shares Not Applicable Percent of Class Represented by Amount in Row 9 11 0% 12 Type of Reporting Person OO (Limited Liability Company)

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1	Names	of R	eporting Persons	
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CUSIP No. 21870Q105 Schedule 13G Page 17 of 37 Names of Reporting Persons 1 CoreSite CRP IV Holdings, LLC 2 Check the Appropriate Box if a Member of a Group (a) 🗆 (b) 🗆 SEC Use Only 3 Citizenship or Place of Organization 4 Delaware Sole Voting Power 5 0 Number of 6 Shared Voting Power Shares Beneficially 0 Owned by Each Sole Dispositive Power 7 Reporting Person 0 With Shared Dispositive Power 8 0 Aggregate Amount Beneficially Owned by Each Reporting Person 9 0 10 Check if the Aggregate Amount in Row (9) Excludes Certain Shares Not Applicable Percent of Class Represented by Amount in Row 9 11 0% 12 Type of Reporting Person OO (Limited Liability Company)

CUSIF NO. 216	100	105 Schedule 150	rage 18 01 37
1 Names	of F	Reporting Persons	
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CUSIP No. 21870Q105 Schedule 13G Page 23 of 37 Names of Reporting Persons 1 CoreSite CRP IV Holdings (VCOC I), LLC 2 Check the Appropriate Box if a Member of a Group (a) 🗆 (b) 🗆 SEC Use Only 3 Citizenship or Place of Organization 4 Delaware Sole Voting Power 5 0 Number of 6 Shared Voting Power Shares Beneficially Owned by 0 Each Sole Dispositive Power 7 Reporting Person 0 With Shared Dispositive Power 8 0 Aggregate Amount Beneficially Owned by Each Reporting Person 9 0 10 Check if the Aggregate Amount in Row (9) Excludes Certain Shares Not Applicable Percent of Class Represented by Amount in Row 9 11 0% 12 Type of Reporting Person

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1 Names	of F	Reporting Persons		
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CUSIP No. 21870Q105 Schedule 13G Page 27 of 37 Names of Reporting Persons 1 CoreSite CRP III Holdings (VCOC), LLC 2 Check the Appropriate Box if a Member of a Group (a) 🗆 (b) 🗆 SEC Use Only 3 Citizenship or Place of Organization 4 Delaware Sole Voting Power 5 0 Number of 6 Shared Voting Power Shares Beneficially 0 Owned by Each Sole Dispositive Power 7 Reporting Person 0 With 8 Shared Dispositive Power 0 Aggregate Amount Beneficially Owned by Each Reporting Person 9 0 10 Check if the Aggregate Amount in Row (9) Excludes Certain Shares Not Applicable Percent of Class Represented by Amount in Row 9 11 0% 12 Type of Reporting Person OO (Limited Liability Company)

ITEM 1. (a) Name of Issuer:

CoreSite Realty Corporation (the "Issuer")

(b) Address of Issuer's Principal Executive Offices:

1001 17th Street, Suite 500

Denver, CO 80202

ITEM 2. (a) Name of Person Filing:

Each of the following is hereinafter individually referred to as a "Reporting Person" and collectively as the "Reporting Persons." This statement is filed on behalf of:

Carlyle Group Management L.L.C. The Carlyle Group Inc. Carlyle Holdings I GP Inc. Carlyle Holdings I GP Sub L.L.C. Carlyle Holdings I L.P. CG Subsidiary Holdings L.L.C. TC Group, L.L.C. TC Group Sub L.P. Carlyle Realty V GP, L.L.C. Carlyle Realty V, L.P. CoreSite CRP V Holdings, LLC Carlyle Realty III, GP, L.L.C. Carlyle Realty III, L.P. CoreSite CRP III Holdings, LLC Carlyle Realty IV GP, L.L.C. Carlyle Realty IV, L.P. CoreSite CRP IV Holdings, LLC CRP IV AIV GP, L.L.C. CRP IV AIV GP, L.P. CRQP IV AIV, L.P. CRP IV-A AIV, L.P. CoreSite CRP IV Holdings (VCOC II), LLC CoreSite CRP IV Holdings (VCOC I), LLC CRP III AIV GP, L.L.C. CRP III AIV GP, L.P. CRQP III AIV, L.P. CoreSite CRP III Holdings (VCOC), LLC

(b) Address of Principal Business Office:

The address for each of the Reporting Persons is c/o The Carlyle Group, 1001 Pennsylvania Ave. NW, Suite 220 South, Washington, D.C. 20004-2505.

Schedule 13G

(c) Citizenship of each Reporting Person is:

Each of the Reporting Persons is organized under the laws of the state of Delaware.

(d) Title of Class of Securities:

Common stock, par value \$0.01 per share ("Common Stock").

(e) CUSIP Number:

21870Q105

ITEM 3.

Not applicable.

ITEM 4. Ownership.

(a-c)

The ownership information presented below represents beneficial ownership of shares of Common Stock as of December 31, 2020, assuming that all limited partnership units of CoreSite, L.P. ("OP Units") owned by the Reporting Persons are converted on a one-for-one basis into shares of Common Stock. Under the limited partnership agreement governing CoreSite, L.P., OP Units may be redeemed for cash or, at the election of the Issuer, for shares of Common Stock on a one-for-one basis. The percent of class presented below is based upon 42,766,575 shares of Common Stock outstanding as of October 28, 2020.

Reporting Person	Amount beneficially owned	Percent of class:	Sole power to vote or to direct the vote:	Shared power to vote or to direct the vote:	Sole power to dispose or to direct the disposition of:	Shared power to dispose or to direct the disposition of:
Carlyle Group Management L.L.C.	5,875,218	12.1%	0	5,875,218	0	5,875,218
The Carlyle Group Inc.	5,875,218	12.1%	0	5,875,218	0	5,875,218
Carlyle Holdings I GP Inc.	5,875,218	12.1%	0	5,875,218	0	5,875,218
Carlyle Holdings I GP Sub L.L.C.	5,875,218	12.1%	0	5,875,218	0	5,875,218
Carlyle Holdings I L.P.	5,875,218	12.1%	0	5,875,218	0	5,875,218
CG Subsidiary Holdings L.L.C.	5,875,218	12.1%	0	5,875,218	0	5,875,218
TC Group, L.L.C.	5,875,218	12.1%	0	5,875,218	0	5,875,218
TC Group Sub L.P.	5,875,218	12.1%	0	5,875,218	0	5,875,218
Carlyle Realty V GP, L.L.C.	5,875,218	12.1%	0	5,875,218	0	5,875,218
Carlyle Realty V, L.P.	5,875,218	12.1%	0	5,875,218	0	5,875,218
CoreSite CRP V Holdings, LLC	5,875,218	12.1%	0	5,875,218	0	5,875,218
Carlyle Realty III, GP, L.L.C.	0	0%	0	0	0	0
Carlyle Realty III, L.P.	0	0%	0	0	0	0
CoreSite CRP III Holdings, LLC	0	0%	0	0	0	0
Carlyle Realty IV GP, L.L.C.	0	0%	0	0	0	0

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Carlyle Realty IV, L.P.		0 0%	0	0	0	0
CoreSite CRP IV Holdings, LLC		0 0%	0	0	0	0
CRP IV AIV GP, L.L.C.		0 0%	0	0	0	0
CRP IV AIV GP, L.P.		0 0%	0	0	0	0
CRQP IV AIV, L.P.		0 0%	0	0	0	0
CRP IV-A AIV, L.P.		0 0%	0	0	0	0
CoreSite CRP IV Holdings (VCOC II), LLC		0 0%	0	0	0	0
CoreSite CRP IV Holdings (VCOC I), LLC		0 0%	0	0	0	0
CRP III AIV GP, L.L.C.		0 0%	0	0	0	0
CRP III AIV GP, L.P.		0 0%	0	0	0	0
CRQP III AIV, L.P.		0 0%	0	0	0	0
CoreSite CRP III Holdings (VCOC), LLC		0 0%	0	0	0	0

CoreSite CRP V Holdings, LLC is the record holder of the OP Units reported herein.

Carlyle Group Management L.L.C. holds an irrevocable proxy to vote a majority of the shares of The Carlyle Group Inc., which is a publicly traded entity listed on NASDAQ. The Carlyle Group Inc. is the sole shareholder of Carlyle Holdings I GP Inc., which is the managing member of Carlyle Holdings I GP Sub L.L.C., which is the general partner of Carlyle Holdings I L.P., which, with respect to the securities reported herein, is the managing member of CG Subsidiary Holdings L.L.C., which is the managing member of TC Group, L.L.C., which is the general partner of each of Carlyle Realty III GP, L.L.C., CRP III AIV GP, L.L.C., Carlyle Realty IV GP, L.L.C., CRP IV AIV GP, L.L.C. and Carlyle Realty V GP, L.L.C.

Carlyle Realty III GP, L.L.C. is the general partner of Carlyle Realty III, L.P. which is the managing member of CoreSite CRP III Holdings, LLC. CRP III AIV GP, L.L.C. is the general partner of CRP III AIV GP, L.P., which is the general partner of CRQP III AIV, L.P., which is the managing member of CoreSite CRP III Holdings (VCOC), LLC.

Carlyle Realty IV GP, L.L.C. is the general partner of Carlyle Realty IV, L.P., which is the managing member of CoreSite CRP IV Holdings, LLC. CRP IV AIV GP, L.L.C. is the general partner of CRP IV AIV GP, L.P., which is the general partner of each of CRP IV-A AIV, L.P. and CRQP IV AIV, L.P., which are the managing members of CoreSite CRP IV Holdings (VCOC I), LLC and CoreSite CRP IV Holdings (VCOC II), LLC, respectively.

Carlyle Realty V GP, L.L.C. is the general partner of Carlyle Realty V, L.P., which is the managing member of CoreSite CRP V Holdings, LLC.

Schedule 13G

ITEM 5. Ownership of Five Percent or Less of a Class.

If this statement is being filed to report the fact that as of the date hereof the reporting person has ceased to be the beneficial owners of more than five percent of the class of securities, check the following: \boxtimes

This statement is being filed to report that each of the following entities has ceased to be the beneficial owner of more than five percent of the class of securities: Carlyle Realty III, GP, L.L.C., Carlyle Realty III, L.P., CoreSite CRP III Holdings, LLC, Carlyle Realty IV GP, L.L.C., Carlyle Realty IV, L.P., CoreSite CRP IV Holdings, LLC, CRP IV AIV GP, L.L.C., CRP IV AIV GP, L.P., CRQP IV AIV, L.P., CRP IV-A AIV, L.P., CoreSite CRP IV Holdings (VCOC II), LLC, CoreSite CRP IV Holdings (VCOC I), LLC, CRP III AIV GP, L.L.C., CRP III AIV GP, L.P., CRQP III AIV, L.P., CRQP III AIV, L.P. and CoreSite CRP III Holdings (VCOC), LLC.

ITEM 6. Ownership of More than Five Percent on Behalf of Another Person.

Not applicable.

ITEM 7. Identification and Classification of the Subsidiary Which Acquired the Security Being Reported on By the Parent Holding Company.

Not applicable.

ITEM 8. Identification and Classification of Members of the Group.

Not applicable.

ITEM 9. Notice of Dissolution of Group.

Not applicable.

ITEM 10. Certification.

Not applicable.

SIGNATURE

After reasonable inquiry and to the best of my knowledge and belief, I certify that the information set forth in this statement is true, complete and correct.

Date: February 12, 2021

CARLYLE GROUP MANAGEMENT L.L.C.

By:	/s/ Anne Frederick, attorney-in-fact
Name:	Curtis L. Buser
Title:	Chief Financial Officer

THE CARLYLE GROUP INC.

By:	/s/ Anne Frederick, attorney-in-fact
Name:	Curtis L. Buser
Title:	Managing Director and Chief Financial Officer

CARLYLE HOLDINGS I GP INC.

 By:
 /s/ Anne Frederick, attorney-in-fact

 Name:
 Curtis L. Buser

 Title:
 Managing Director and Chief Financial Officer

CARLYLE HOLDINGS I GP SUB L.L.C.

By: Carlyle Holdings I GP Inc., its managing member

 By:
 /s/ Anne Frederick, attorney-in-fact

 Name:
 Curtis L. Buser

 Title:
 Managing Director and Chief Financial Officer

CARLYLE HOLDINGS I L.P.

By:	/s/ Anne Frederick, attorney-in-fact
Name:	Curtis L. Buser
Title:	Managing Director

CG SUBSIDIARY HOLDINGS L.L.C.

By: /s/ Anne Frederick, attorney-in-fact

Name: Curtis L. Buser

Title: Managing Director

TC GROUP, L.L.C.

By: CG Subsidiary Holdings L.L.C., its managing member

By: /s/ Anne Frederick, attorney-in-fact Name: Curtis L. Buser

Title: Managing Director

TC GROUP SUB L.P.

By: TC Group, L.L.C., its general partner By: CG Subsidiary Holdings L.L.C., its managing member

By: /s/ Anne Frederick, attorney-in-fact

Name: Curtis L. Buser Title: Managing Director

CARLYLE REALTY V GP, L.L.C.

By: /s/ Kevin Gasque Name: Kevin Gasque Title: Authorized Person

CARLYLE REALTY V, L.P.

By: /s/ Kevin Gasque

Name: Kevin Gasque Title: Authorized Person

CORESITE CRP V HOLDINGS, LLC

By: Carlyle Realty V, L.P., its managing member

By: /s/ Kevin Gasque

Name: Kevin Gasque Title: Authorized Person

CARLYLE REALTY III, GP, L.L.C.

By:/s/ Kevin GasqueName:Kevin GasqueTitle:Authorized Person

CARLYLE REALTY III, L.P.

By: /s/ Kevin Gasque

CORESITE CRP III HOLDINGS, LLC

By: Carlyle Realty III, L.P., its managing member

By: /s/ Kevin Gasque

Name: Kevin Gasque Title: Authorized Person

CRP III AIV GP, L.L.C.

By:	/s/ Kevin Gasque
Name:	Kevin Gasque
Title:	Authorized Person

CRP III AIV GP, L.P.

By:/s/ Kevin GasqueName:Kevin GasqueTitle:Authorized Person

CRQP III AIV, L.P.

By: CRP III AIV GP, L.P., its general partner

By: /s/ Kevin Gasque

Name: Kevin Gasque Title: Authorized Person

CORESITE CRP III HOLDINGS (VCOC), LLC

By: CRQP III AIV, L.P., its managing member By: CRP III AIV GP, L.P., its general partner

By: /s/ Kevin Gasque

Name:Kevin GasqueTitle:Authorized Person

CARLYLE REALTY IV GP, L.L.C.

By:/s/ Kevin GasqueName:Kevin GasqueTitle:Authorized Person

CARLYLE REALTY IV, L.P.

By: /s/ Kevin Gasque

CORESITE CRP IV HOLDINGS, LLC

By: Carlyle Realty IV, L.P., its managing member

By: /s/ Kevin Gasque

Name: Kevin Gasque Title: Authorized Person

CRP IV AIV GP, L.L.C.

By: /s/ Kevin Gasque Name: Kevin Gasque Title: Authorized Person

CRP IV AIV GP, L.P.

By:/s/ Kevin GasqueName:Kevin GasqueTitle:Authorized Person

CRP IV-A AIV, L.P. By: CRP IV AIV GP, L.P., its general partner

by: CRI IV MIV OI, L.I., its general part

By: /s/ Kevin Gasque

Name: Kevin Gasque Title: Authorized Person

CRQP IV AIV, L.P.

By: CRP IV AIV GP, L.P., its general partner

By: /s/ Kevin Gasque

Name: Kevin Gasque Title: Authorized Person

CORESITE CRP IV Holdings (VCOC I), LLC

By: CRQP IV AIV, L.P., its managing member By: CRP IV AIV GP, L.P., its general partner

By: /s/ Kevin Gasque

CORESITE CRP IV HOLDINGS (VCOC II), LLC By: CRQP IV AIV, L.P., its managing member By: CRP IV AIV GP, L.P., its general partner

By: /s/ Kevin Gasque

LIST OF EXHIBITS

Exhibit No.	Description
24	Power of Attorney (incorporated by reference to Exhibit 24 to the Schedule 13G filed by the Reporting Persons on February 13, 2020).
99	Joint Filing Agreement (incorporated by reference to Exhibit 99 to the Schedule 13G filed by the Reporting Persons on February 13, 2020).