

**Quality Control Check Report. Stage: After Column Casting (Apartments)**

Block No.	D(001-005)	Column No.	01	Sl. No.	28469
Company	VISTA HOMES	Project	VISTA HOMES	Phase	-
Prepared by	M. Tejaswini	Sign	<i>AT</i>	Date	23/11/17
Project Manager	T. Madhu	Sign	<i>Madhu</i>	Date	23/11/17
Previous stage report no.		Report filed and signed by PM?		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Checked By MD on		MD Sign		For filing	<input type="checkbox"/> Yes <input type="checkbox"/> No

**Recommendation:**

- Stop further work. Submit ATR on QC report to QC team. Proceed only after recheck by QC.
- Stop further work. Proceed with work after submitting ATR on QC report to QC team.
- Proceed with further work only after making corrections pointed out in the QC report. ATR not required.
- Proceed with further work. ATR not required.

**Columns Position Check**

Notes:

- Inspection should be done after casting of columns at each stage and before starting centering works for each slab.
- Prepare Columns Position Check Plan as follows:
  - Divide blocks into smaller sub-blocks.
  - Show size and orientation of columns. (Tolerance 0.5")
  - Show inner – inner space between columns. (Tolerance 1")
  - Show diagonals for 20% of bays. (Tolerance 1.5")
  - Print an A3 size plan.
- Circle each correct dimension with green colour. Circle each incorrect dimension with red colour and mention actual dimension next to it.

Columns Position Check Plan enclosed?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
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**Slab Dimensions Check**

Notes:

- Prepare Slab (or plinth beams) Dimensions Check Plan as follows:
  - Show outer dimensions of slab. (Tolerance 2")
  - Show length and width of balconies (Tolerance 1")
  - Show inner dimensions of ducts and lift well. (Tolerance 1")
  - Show location of sunken slab.
  - Print an A3 size plan.
- Circle each correct dimension with green colour. Circle each incorrect dimension with red colour and mention actual dimension next to it.

Slab Dimensions Check Plan enclosed?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Specified thickness of slab?	—
Actual thickness of slab?	—

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Quality of centering, rod bending and concreting.	<input type="checkbox"/> Good <input checked="" type="checkbox"/> Avg. <input type="checkbox"/> Bad
Quality of centering, rod bending and concreting?	<input type="checkbox"/> Good <input checked="" type="checkbox"/> Avg. <input type="checkbox"/> Bad
Quality of starters?	<input type="checkbox"/> High <input checked="" type="checkbox"/> Medium. <input type="checkbox"/> Low
Number and size of honey combs?	<input type="checkbox"/> Good <input checked="" type="checkbox"/> Avg. <input type="checkbox"/> Bad
Are the honey combs is slab and columns packed?	
Number of beams that are sagging, bulging, caved or deflected in the slab by more than 1"	
Have 6 cubes each for columns and slab casted and numbered for testing?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Remarks:	

**Curing.**

Bunds for curing made on slab?	<input type="checkbox"/> Yes <input type="checkbox"/> No	---
Bund size is less than 100 sft?	<input type="checkbox"/> Yes <input type="checkbox"/> No	---
Drum (200 lbs) provided for curing?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Gunny bags used for column curing?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Distance of tap from furthest distance that requires curing. (max permitted 100')	<i>34</i>	<i>10:0"</i>
Frequency of curing in number of times a day (enquire from labourers)	<i>3 times</i>	
Is the pressure in the curing pipe more than 15' head?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Quality of infrastructure for curing.	<input type="checkbox"/> Good <input checked="" type="checkbox"/> Avg. <input type="checkbox"/> Bad	
Remarks:		

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Columns height, plumb, steel & level marking check.

Notes:

1. Mark ✓ for correct or minor mistake which does not require correction
2. Mark ✗ for minor mistake that requires minor correction.
3. Mark ✗✗✗ for major mistake that requires correction by replacement or re-fixing.
4. Mark ✗✗✗✗ for major mistake that cannot be corrected.
5. Tolerance: Plumb 0.25"
6. Circle actual height of columns if level differs from specified height by more than 1".

S No	Col No.	Col type	Height in ft		Steel (✓ or ✗)	Honeycombs	Plumb (✓ or ✗)		Reference level marked on column?
			Spec.	Actual			Side 1	Side 2	
1.	A <sub>1</sub>	C <sub>4</sub>	8' 6"	8' 5 1/2"	✓	✓	✓	✓	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
2.	A <sub>2</sub>	C <sub>5</sub>	8' 8"	8' 5 1/2"	✓	✓	✓	✓	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
3.	A <sub>3</sub>	C <sub>4</sub>	8' 8"	8' 5 1/2"	✓	✓	✓	✓	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
4.	A <sub>4</sub>	C <sub>4</sub>	8' 6"	8' 5"	✓	✓	✓	✓	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
5.	A <sub>5</sub>	C <sub>4</sub>	8' 6"	8' 5 1/2"	✓	✓	✓	✓	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
6.	B <sub>1</sub>	C <sub>5</sub>	8' 6"	8' 6"	✓	✓	✓	✓	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
7.	B <sub>2</sub>	C <sub>5</sub>	11' 3"	11' 2 1/2"	✓	✓	✓	✓	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
8.	B <sub>3</sub>	C <sub>5</sub>	11' 3"	11' 3"	✓	✓	✓	✓	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
9.	B <sub>4</sub>	C <sub>5</sub>	11' 3 1/4"	11' 2 1/2"	✓	✓	✓	✓	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
10.	B <sub>5</sub>	C <sub>6</sub>	8' 6"	8' 5 1/2"	✓	✓	✓	✓	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
11.	C <sub>1</sub>	C <sub>2</sub>	8' 6"	8' 6"	✓	✓	✓	✓	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
12.	C <sub>2</sub>	C <sub>3</sub>	11' 3"	11' 2 1/2"	✓	✓	✓	✓	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
13.	C <sub>3</sub>	C <sub>2</sub>	11' 3"	11' 2 1/2"	✓	✓	✓	✓	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
14.	C <sub>4</sub>	C <sub>2</sub>	11' 3"	11' 3"	✓	✓	✓	✓	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
15.	C <sub>5</sub>	C <sub>2</sub>	8' 6"	8' 5 1/2"	✓	✓	✓	✓	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
16.	D <sub>1</sub>	C <sub>3</sub>	8' 6"	8' 5 1/2"	✓	✓	✓	✓	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
17.	D <sub>2</sub>	C <sub>2</sub>	11' 3"	11' 2 1/2"	✓	✓	✓	✓	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

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S No	Col No.	Col type	Height in ft		Steel (✓ or X)		Honeycombs	Plumb (✓ or X)		Reference level marked on column?
			Spec.	Actual	No of rods	Size of rods		Side 1	Side 2	
18.	D <sub>3</sub>	C <sub>4</sub>	11'.3"	11'.3 1/2"	✓	✓	✓	✓	✓	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
19.	D <sub>4</sub>	C <sub>4</sub>	8'.6"	8'.5 1/2"	✓	✓	✓	✓	✓	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
20.	D <sub>5</sub>	C <sub>4</sub>	8'.6"	8'.5 1/2"	✓	✓	✓	✓	✓	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
21.	E <sub>1</sub>	C <sub>4</sub>	8'.6"	8'.5 1/2"	✓	✓	✓	✓	✓	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
22.	E <sub>2</sub>	C <sub>5</sub>	11'.3"	11'.2 1/2"	✓	✓	✓	✓	✓	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
23.	<del>E<sub>3</sub></del> F <sub>2</sub>	C <sub>5</sub>	11'.3"	11'.2 1/2"	✓	✓	✓	✓	✓	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
24.	F <sub>4</sub>	C <sub>5</sub>	11'.3"	11'.2 1/2"	✓	✓	✓	✓	✓	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
25.	F <sub>5</sub>	C <sub>6</sub>	8'.6"	8'.5 1/2"	✓	✓	✓	✓	✓	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
26.	G <sub>11</sub>	C <sub>4</sub>	8'.6"	8'.5 1/2"	✓	✓	✓	✓	✓	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
27.	G <sub>2</sub>	C <sub>3</sub>	11'.3"	11'.2 1/2"	✓	✓	✓	✓	✓	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
28.	G <sub>3</sub>	C <sub>4</sub>	11'.3"	11'.2 1/2"	✓	✓	✓	✓	✓	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
29.	G <sub>4</sub>	C <sub>4</sub>	11'.3"	11'.2 1/2"	✓	✓	✓	✓	✓	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
30.	G <sub>5</sub>	C <sub>3</sub>	8'.6"	8'.5 1/2"	✓	✓	✓	✓	✓	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
31.	H <sub>1</sub>	C <sub>4</sub>	8'.6"	8'.5 1/2"	✓	✓	✓	✓	✓	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
32.	H <sub>2</sub>	C <sub>5</sub>	11'.3"	11'.2 1/2"	✓	✓	✓	✓	✓	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
33.	H <sub>3</sub>	C <sub>4</sub>	11'.3"	11'.3"	✓	✓	✓	✓	✓	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
34.	H <sub>4</sub>	C <sub>1</sub>	11'.3"	11'.2 1/2"	✓	✓	✓	✓	✓	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
35.	I <sub>3</sub>	C <sub>4</sub>	11'.3"	11'.2 1/2"	✓	✓	✓	✓	✓	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
36.	I <sub>3</sub>	C <sub>1</sub>	11'.3"	11'.2 1/2"	✓	✓	✓	✓	✓	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
37.	J <sub>1</sub>	C <sub>5</sub>	8'.6"	8'.5 1/2"	✓	✓	✓	✓	✓	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
38.	J <sub>2</sub>	C <sub>5</sub>	11'.3"	11'.2 1/2"	✓	✓	✓	✓	✓	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
39.	K <sub>1</sub>	C <sub>3</sub>	8'.6"	8'.5 1/2"	✓	✓	✓	✓	✓	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

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40.	K <sub>2</sub>	C <sub>4</sub>	11.3"	11.2 1/2"	✓	✓	✓	✓	✓	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
41.	K <sub>2</sub>	C <sub>3</sub>	11.3"	11.2 1/2"	✓	✓	✓	✓	✓	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
42.	K <sub>3</sub>	C <sub>3</sub>	8.6"	8.5 1/2"	✓	✓	✓	✓	✓	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
43.	K <sub>3</sub>	C <sub>2</sub>	8.6"	8.5 1/2"	✓	✓	✓	✓	✓	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
44.										<input type="checkbox"/> Yes <input type="checkbox"/> No
45.										<input type="checkbox"/> Yes <input type="checkbox"/> No
46.										<input type="checkbox"/> Yes <input type="checkbox"/> No
47.										<input type="checkbox"/> Yes <input type="checkbox"/> No
48.										<input type="checkbox"/> Yes <input type="checkbox"/> No
49.										<input type="checkbox"/> Yes <input type="checkbox"/> No
50.										<input type="checkbox"/> Yes <input type="checkbox"/> No
51.										<input type="checkbox"/> Yes <input type="checkbox"/> No
52.										<input type="checkbox"/> Yes <input type="checkbox"/> No
53.										<input type="checkbox"/> Yes <input type="checkbox"/> No
54.										<input type="checkbox"/> Yes <input type="checkbox"/> No
55.										<input type="checkbox"/> Yes <input type="checkbox"/> No
56.										<input type="checkbox"/> Yes <input type="checkbox"/> No
57.										<input type="checkbox"/> Yes <input type="checkbox"/> No
58.										<input type="checkbox"/> Yes <input type="checkbox"/> No
59.										<input type="checkbox"/> Yes <input type="checkbox"/> No
60.										<input type="checkbox"/> Yes <input type="checkbox"/> No
61.										<input type="checkbox"/> Yes <input type="checkbox"/> No