

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

Block No.	132	Column No.	02	Sl. No.	33339
Company	VOC (LLP)	Project	VOC	Phase	-
Prepared by	S. Kuldarp	Sign	<i>S. Kuldarp</i>	Date	04/04/19
Project Manager	A. Suresh	Sign	<i>AS</i>	Date	04/04/19
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 filling	<input type="checkbox"/> Yes <input type="checkbox"/> No
Recommendation: <input type="checkbox"/> Stop further work. Submit ATR on QC report to QC team. Proceed only after recheck by QC. <input type="checkbox"/> Stop further work. Proceed with work after submitting ATR on QC report to QC team. <input checked="" type="checkbox"/> Proceed with further work only after making corrections pointed out in the QC report. ATR not required. <input type="checkbox"/> 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.

3. 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?**       Yes    No

**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.

2. 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?**       Yes    No

Specified thickness of slab?	5"	Actual thickness of slab?	5"
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Quality of centering, rod bending and concreting.		<input checked="" type="checkbox"/> Good <input type="checkbox"/> Avg. <input type="checkbox"/> Bad
Quality of centering, rod bending and concreting?		<input checked="" type="checkbox"/> Good <input type="checkbox"/> Avg. <input type="checkbox"/> Bad
Quality of starters?		<input type="checkbox"/> Good <input checked="" type="checkbox"/> Avg. <input type="checkbox"/> Bad
Number and size of honey combs?		<input type="checkbox"/> High <input checked="" type="checkbox"/> Medium. <input type="checkbox"/> Low
Are the honey combs is slab and columns packed?		<input type="checkbox"/> Good <input checked="" type="checkbox"/> Avg. <input type="checkbox"/> Bad
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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Bund size is less than 100 sqft?	<input checked="" 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 type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Distance of tap from furthest distance that requires curing. (max permitted 100')	80' +/-
Frequency of curing in number of times a day (enquire from labourers)	2 times
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:	<i>NOTE: B3 (G) column and staircase not casted.</i>

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

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 ✗)	Size of rods	Honeycombs	Plumb (✓ or ✗)		Reference level marked on column?
			Spec.	Actual				Side 1	Side 2	
1.	A <sub>1</sub>	C <sub>1</sub>	8'-4"	8'-7"	✓	✓	✓	✓	✓	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
2.	A <sub>3</sub>	C <sub>3</sub>	8'-4"	8'-5"	✓	✓	✓	✓	✓	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
3.	A <sub>4</sub>	C <sub>1</sub>	8'-7"	8'-6"	✓	✓	✓	✓	✓	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
4.	B <sub>1</sub>	C <sub>1</sub>	8'-4"	8'-4"	✓	✓	✓	✓	✓	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
5.	B <sub>3</sub>	C <sub>3</sub>	Stair	Stair	—	—	—	—	—	<input type="checkbox"/> Yes <input type="checkbox"/> No
6.	B <sub>4</sub>	C <sub>1</sub>	8'-7"	8'-6"	✓	✓	✓	✓	✓	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
7.	C <sub>1</sub>	C <sub>2</sub>	8'-1"	8'-6"	✓	✓	✓	✓	✓	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
8.	C <sub>3</sub>	C <sub>3</sub>	Stair	Stair	✓	✓	—	—	—	<input type="checkbox"/> Yes <input type="checkbox"/> No
9.	C <sub>4</sub>	C <sub>2</sub>	8'-7"	8'-6"	✓	✓	✓	✓	✓	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
10.	D <sub>1</sub>	C <sub>2</sub>	8'-4"	8'-6"	✓	✓	✓	✓	✓	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
11.	E <sub>2</sub>	C <sub>3</sub>	8'-4"	8'-6"	✓	✓	✓	✓	✓	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
12.	E <sub>4</sub>	C <sub>1</sub>	8'-7"	8'-7"	✓	✓	✓	✓	✓	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
13.										<input type="checkbox"/> Yes <input type="checkbox"/> No
14.										<input type="checkbox"/> Yes <input type="checkbox"/> No
15.										<input type="checkbox"/> Yes <input type="checkbox"/> No
16.										<input type="checkbox"/> Yes <input type="checkbox"/> No
17.										<input type="checkbox"/> Yes <input type="checkbox"/> No
18.										<input type="checkbox"/> Yes <input type="checkbox"/> No
19.										<input type="checkbox"/> Yes <input type="checkbox"/> No
20.										<input type="checkbox"/> Yes <input type="checkbox"/> No