

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

Block No.	80c	Column No.	01	Sl. No.	28059
Company	Milgiri estate	Project	Milgiri estate	Phase	II
Prepared by	M. Tija Sridhar	Sign	<i>AT</i>	Date	21/09/17
Project Manager	Radheshyam	Sign	<i>Ripal</i>	Date	21/09/17
Previous stage report no.	27626	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.
- Circle each correct dimension with green colour. Circle each incorrect dimension with red colour and mention actual dimension next to it.

**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.

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

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

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 type="checkbox"/> Medium. <input checked="" 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')	30'	
Frequency of curing in number of times a day (enquire from labourers)	3 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:		

**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				No of rods	Size of rods	
1.	A <sub>1</sub>	C <sub>1</sub>	8'-7 1/2"	8'-8"	✓	✓	✓	✓	✓	✓ Yes <input type="checkbox"/> No <input type="checkbox"/>
2.	A <sub>2</sub>	C <sub>1</sub>	8'-7 1/2"	8'-7"	✓	✓	✓	✓	✓	✓ Yes <input type="checkbox"/> No <input type="checkbox"/>
3.	A <sub>3</sub>	C <sub>1</sub>	8'-7 1/2"	8'-7 1/2"	✓	✓	✓	✓	✓	✓ Yes <input type="checkbox"/> No <input type="checkbox"/>
4.	A <sub>4</sub>	C <sub>1</sub>	8'-7 1/2"	8'-8"	✓	✓	✓	✓	✓	✓ Yes <input type="checkbox"/> No <input type="checkbox"/>
5.	A <sub>5</sub>	C <sub>1</sub>	8'-7 1/2"	8'-7"	✓	✓	✓	✓	✓	✓ Yes <input type="checkbox"/> No <input type="checkbox"/>
6.	B <sub>1</sub>	C <sub>1</sub>	8'-7 1/2"	8'-7 1/2"	✓	✓	✓	✓	✓	✓ Yes <input type="checkbox"/> No <input type="checkbox"/>
7.	B <sub>3</sub>	C <sub>1</sub>	8'-7 1/2"	8'-8"	✓	✓	✓	✓	✓	✓ Yes <input type="checkbox"/> No <input type="checkbox"/>
8.	B <sub>4</sub>	C <sub>2</sub>	8'-7 1/2"	8'-7"	✓	✓	✓	✓	✓	✓ Yes <input type="checkbox"/> No <input type="checkbox"/>
9.	B <sub>5</sub>	C <sub>1</sub>	8'-7 1/2"	8'-7 1/2"	✓	✓	✓	✓	✓	✓ Yes <input type="checkbox"/> No <input type="checkbox"/>
10.	C <sub>1</sub>	C <sub>1</sub>	8'-7 1/2"	8'-8"	✓	✓	✓	✓	✓	✓ Yes <input type="checkbox"/> No <input type="checkbox"/>
11.	C <sub>3</sub>	C <sub>1</sub>	8'-7 1/2"	8'-7"	✓	✓	✓	✓	✓	✓ Yes <input type="checkbox"/> No <input type="checkbox"/>
12.	C <sub>4</sub>	C <sub>1</sub>	8'-7 1/2"	8'-7 1/2"	✓	✓	✓	✓	✓	✓ Yes <input type="checkbox"/> No <input type="checkbox"/>
13.	C <sub>5</sub>	C <sub>1</sub>	8'-7 1/2"	8'-8"	✓	✓	✓	✓	✓	✓ Yes <input type="checkbox"/> No <input type="checkbox"/>
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