

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

Block No.	C (15-21)	Column No.	10	Sl. No.	28850
Company	Pmv-IT	Project	Pmv-IT	Phase	II
Prepared by	P. Sai Kumar	Sign	[Signature]	Date	02/01/2018
Project Manager	Kishan Kumar	Sign	[Signature]	Date	02/01/2018
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	28772	For filling	<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.

**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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Specified thickness of slab?	4 1/2"
Actual thickness of slab?	4 1/2"

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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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Bund size is less than 100 sft?		<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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Distance of tap from furthest distance that requires curing. (max permitted 100')	261 - 0"	
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 checked="" type="checkbox"/> Good <input 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	No of rods	Size of rods		Side 1	Side 2	
1.	—	C1	8'4 1/2"	8'5"	✓	✓	✓	✓	✓	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
2.	—	C4	8'4 1/2"	8'4"	✓	✓	✓	✓	✓	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
3.	—	C2	8'7 1/2"	8'7"	✓	✓	✓	✓	✓	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
4.	—	C2	8'7 1/2"	8'8"	✓	✓	✓	✓	✓	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
5.	—	C2	8'7 1/2"	8'8"	✓	✓	✓	✓	✓	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
6.	—	C2	8'7 1/2"	8'7"	✓	✓	✓	✓	✓	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
7.	—	C4	8'4 1/2"	8'5"	✓	✓	✓	✓	✓	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
8.	—	C2	8'7 1/2"	8'5"	✓	✓	✓	✓	✓	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
9.	—	C4	8'7 1/2"	8'8"	✓	✓	✓	✓	✓	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
10.	—	C2	8'7 1/2"	8'5"	✓	✓	✓	✓	✓	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
11.	—	C1	8'4 1/2"	8'5"	✓	✓	✓	✓	✓	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
12.	—	C2	8'7 1/2"	8'9"	✓	✓	✓	✓	✓	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
13.	—	C6	8'4 1/2"	8'5"	✓	✓	✓	✓	✓	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
14.	—	C6	8'4 1/2"	8'5"	✓	✓	✓	✓	✓	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
15.	—	C2	8'7 1/2"	8'7"	✓	✓	✓	✓	✓	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
16.	—	C2	8'7 1/2"	8'8"	✓	✓	✓	✓	✓	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
17.	—	C2	8'7 1/2"	8'7"	✓	✓	✓	✓	✓	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

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			Spec.	Actual	No of rods	Size of rods		Side 1	Side 2	
18.	---	C6	8'.2 1/2"	8'.2"	✓	✓	✓	✓	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
19.	---	C2	8'.2 1/2"	8'.8"	✓	✓	✓	✓	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
20.	---	C2	8'.2 1/2"	8'.5 1/2"	✓	✓	✓	✓	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
21.	---	C2	8'.2 1/2"	8'.8"	✓	✓	✓	✓	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
22.	---	C2	8'.2 1/2"	8'.8"	✓	✓	✓	✓	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
23.	---	C8	8'.4 1/2"	8'.5 1/2"	✓	✓	✓	✓	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
24.	---	C4	8'.4 1/2"	8'.5 1/2"	✓	✓	✓	✓	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
25.	---	C2	8'.2 1/2"	8'.8"	✓	✓	✓	✓	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
26.	---	C4	8'.4 1/2"	8'.5 1/2"	✓	✓	✓	✓	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
27.	---	C7	8'.2 1/2"	8'.8"	✓	✓	✓	✓	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
28.	---	C4	8'.2 1/2"	8'.9"	✓	✓	✓	✓	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
29.	---	C2	8'.2 1/2"	8'.8"	✓	✓	✓	✓	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
30.	---	C2	8'.2 1/2"	8'.8"	✓	✓	✓	✓	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
31.	---	C5	8'.2 1/2"	8'.9"	✓	✓	✓	✓	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
32.	---	C2	8'.1 1/2"	8'.8"	✓	✓	✓	✓	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
33.	---	C4	8'.2 1/2"	8'.8"	✓	✓	✓	✓	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
34.	---	C2	8'.2 1/2"	8'.8"	✓	✓	✓	✓	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
35.	---	C5	8'.2 1/2"	8'.5"	✓	✓	✓	✓	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
36.	---	C5	8'.2 1/2"	8'.5"	✓	✓	✓	✓	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
37.	---	C2	8'.2 1/2"	8'.8"	✓	✓	✓	✓	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
38.	---	C4	8'.2 1/2"	8'.8"	✓	✓	✓	✓	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
39.	---	C2	8'.2 1/2"	8'.8"	✓	✓	✓	✓	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	

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			Spec.	Actual				Side 1	Side 2	
40.		C2	8'-7 1/2"	8'-7"1	✓	✓	✓	✓	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
41.		C3	8'-4 1/2"	8'-5"1	✓	✓	✓	✓	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
42.		C2	8'-7 1/2"	8'-8"1	✓	✓	✓	✓	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
43.		C4	8'-4 1/2"	8'-5"1	✓	✓	✓	✓	<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	