

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

Block No.	04	Column No.	01	Sl. No.	28233-
Company	MRM (IIP)	Project	AVR Gulmohar	Phase	-
Prepared by	S. Sunil Kumar	Sign	S/c	Date	17/10/17.
Project Manager	Suman Kumar	Sign	Suman K.	Date	
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	97767	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.

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

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

<u>Quality of centering, rod bending and concreting.</u>	
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"/> 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 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?	-
Remarks:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

Curing.

Bunds for curing made on slab?	NA	<input type="checkbox"/> Yes <input type="checkbox"/> No
Bund size is less than 100 sft?	NA	<input type="checkbox"/> Yes <input type="checkbox"/> No
Drum (200 lts) 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')	80-0'	
Frequency of curing in number of times a day (enquire from labourers)	1 time	
Is the pressure in the curing pipe more than 15' head?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Quality of infrastructure for curing.	<input type="checkbox"/> Good <input checked="" type="checkbox"/> Avg. <input type="checkbox"/> Bad	
Remarks:		

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 X for minor mistake that requires minor correction.
3. Mark XXX for major mistake that requires correction by replacement or re-fixing.
4. Mark XXXX 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 X)		Honeycombs	Plumb (✓ or X)		Reference level marked on column?
			Spec.	Actual	No of rods	Size of rods		Side 1	Side 2	
1.	A1	C1	8'-7 1/2"	8'-5"	✓	✓	✓	✓	✓	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
2.	A3	C1	8'-7 1/2"	8'-5"	✓	✓	✓	✓	✓	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
3.	A5	C1	8'-7 1/2"	8'-7"	✓	✓	✓	✓	✓	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
4.	B1	C1	8'-7 1/2"	8'-5"	✓	✓	✓	✓	✓	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
5.	B9	CA	8'-7 1/2"	8'-5"	✓	✓	✓	✓	✓	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
6.	B5	C1	8'-7 1/2"	8'-3"	✓	✓	✓	✓	✓	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
7.	C1	C1	8'-7 1/2"	8'-5"	✓	✓	✓	✓	✓	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
8.	D9	C1	8'-7 1/2"	8'-3"	✓	✓	✓	✓	✓	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
9.	D5	C1	8'-7 1/2"	8'-6"	✓	✓	✓	✓	✓	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
10.	E1	C1	S.T.	S.T.	✓	✓	✓	✓	✓	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
11.	F1	C1	S.T.	S.T.	✓	✓	✓	✓	✓	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
12.	F4	C3	8'-1 1/2"	8'-1 1/2"	✓	✓	✓	✓	✓	<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