

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

Block No.	63	Column No.	01	Sl. No.	32609
Company	SOVLIP	Project	SOV	Phase	IX
Prepared by	S. Kulddeep	Sign	<i>S. Kulddeep</i>	Date	10/01/19
Project Manager	K. Pushabharam	Sign	<i>[Signature]</i>	Date	10/01/19
Previous stage report no.	32208	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 type="checkbox"/> Proceed with further work only after making corrections pointed out in the QC report. ATR not required. <input checked="" 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.

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 type="checkbox"/> No <i>N/A</i>
Specified thickness of slab?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Actual thickness of slab?	<input type="checkbox"/> Yes <input type="checkbox"/> No

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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"/> Good <input checked="" type="checkbox"/> Avg. <input type="checkbox"/> Bad
Number and size of honey combs?		<input type="checkbox"/> High <input type="checkbox"/> Medium. <input checked="" type="checkbox"/> Low
Are the honey combs in 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"		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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	<i>N.A</i>
Bund size is less than 100 sqft?	<input type="checkbox"/> Yes <input type="checkbox"/> No	<i>-</i>
Drum (200 lts) provided for curing?	<input type="checkbox"/> Yes <input type="checkbox"/> No	<i>-</i>
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>40'-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 ₁	C ₃	Stair	Stair	✓	✓	✓	✓	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
2.	A ₋	C ₄	8'-4"	8'-5"	✓	✓	✓	✓	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
3.	R ₁	C ₁	Stair	Stair	✓	✓	✓	✓	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
4.	B ₂	C ₂	8'-4"	8'-6"	✓	✓	✓	✓	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
5.	B ₃	C ₃	8'-4"	8'-5"	✓	✓	✓	✓	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
6.	C ₁	C ₁	8'-7"	8'-8"	✓	✓	✓	✓	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
7.	C ₂	C ₂	8'-4"	8'-6"	✓	✓	✓	✓	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
8.	D ₁	C ₁	8'-7"	8'-7"	✓	✓	✓	✓	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
9.	D ₃	C ₂	8'-7"	8'-7"	✓	✓	✓	✓	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
10.	E ₁	C ₁	8'-7"	8'-6½"	✓	✓	✓	✓	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
11.	E ₂	C ₂	8'-4"	8'-3"	✓	✓	✓	✓	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
12.	F ₁	C ₁	8'-7"	8'-6½"	✓	✓	✓	✓	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
13.	F ₂	C ₁	8'-7"	8'-6"	✓	✓	✓	✓	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
14.	F ₃	C ₁	8'-7"	8'-6"	✓	✓	✓	✓	<input checked="" 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