

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

Block No.	43	Column No.	01	Sl. No.	31162
Company	SOV (LLP)	Project	SOV	Phase	IX
Prepared by	P. Sai Kumar	Sign	<i>P. Sai Kumar</i>	Date	14/8/18
Project Manager	K. Punbathan	Sign	<i>K. Punbathan</i>	Date	14/8/18
Previous stage report no.	30788	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:

- 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? 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.
- 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 No

Specified thickness of slab? _____

Actual thickness of slab? _____

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Quality of centering, rod bending and concreting. Good Avg. Bad

Quality of centering, rod bending and concreting? Good Avg. Bad

Quality of starters? Good Avg. Bad

Number and size of honey combs? Good Avg. Bad

Are the honey combs in slab and columns packed? High Medium. Low

Number of beams that are sagging, bulging, caved or deflected in the slab by more than 1" Good Avg. Bad

Have 6 cubes each for columns and slab casted and numbered for testing? Yes No

Remarks:

Curing.

Bands for curing made on slab? Yes No

Band are more than 100 ft? Yes No *N/A*

Drum (100 lit.) provided for curing? Yes No *N/A*

Gunny bags used for column curing? Yes No

Distance of tap from furthest distance that requires curing. (max permitted 100') Yes No

Frequency of curing in number of times a day (enquire from labourers) *30.0"*

Is the pressure in the curing pipe more than 15' head? *2 Gms* Yes No

Quality of infrastructure for curing. Good Avg. 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		Actual	Steel (✓ or ✗)		Honeycombs	Plumb (✓ or ✗)		Reference level marked on column?
			Spec.			No of rods	Size of rods		Side 1	Side 2	
1.	A1	C3	8'-2"	8'-2"	8'-2"	✓	✓	✓	✓	✓	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
2.	A-4	C4	8'-2"	8'-8"	8'-8"	✓	✓	✗	✓	✓	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
3.	B1	C1	8'-2"	8'-2"	8'-2"	✓	✓	✓	✓	✓	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
4.	B2	C2	8'-2"	8'-8"	8'-8"	✓	✓	✓	✓	✓	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
5.	B-3	C3	8'-2"	8'-4"	8'-4"	✓	✓	✓	✓	✗	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
6.	C1	C1	8'-2"	8'-2"	8'-2"	✓	✓	✓	✓	✓	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
7.	C2	C2	8'-2"	8'-4"	8'-4"	✓	✓	✓	✓	✗	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
8.	D1	C2	8'-2"	8'-6"	8'-6"	✓	✓	✓	✓	✓	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
9.	D3	C2	8'-4"	8'-4"	8'-4"	✓	✓	✓	✓	✓	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
10.	E1	C1	8'-7"	8'-8"	8'-8"	✓	✓	✓	✓	✓	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
11.	E2	C2	8'-4"	8'-5"	8'-5"	✓	✓	✓	✓	✓	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
12.	F1	C1	8'-2"	8'-6"	8'-6"	✓	✓	✓	✓	✗	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
13.	F2	C1	8'-2"	8'-7"	8'-7"	✓	✓	✗	✓	✓	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
14.	F3	C1	8'-2"	8'-7"	8'-7"	✓	✓	✗	✓	✓	<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