

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

Block No.	02	Column No.	01	Sl. No.	33061
Company	Sereva Construction	Project	Sereva Villas	Phase	-
Prepared by	S. Sural Kumar	Sign	<i>[Signature]</i>	Date	08/03/19
Project Manager	S. Sural Kumar	Sign	<i>[Signature]</i>	Date	08/03/19
Previous stage report no.		Report filed and signed by PM?	Yes		
Checked By MD on		MD Sign	39.509	For filling	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>

Columns Position Check

Notes:

- 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.

- 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?	NA	<input type="checkbox"/> Yes <input type="checkbox"/> No
Specified thickness of slab?	NA	Actual thickness of slab? <input type="checkbox"/> Yes <input type="checkbox"/> No
	NA	

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Quality of centering, rod bending and concreting: _____

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

Quality of starters? Good Avg. Bad

Number and size of honey combs? High Medium. Low

Are the honey combs in slab and columns packed? Good Avg. 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? Yes No

Remarks: ① columns casting work is very poor.

② D.C. column gets fatal cracked, it should be dismantled & recast the columns.

Curing:

Brands for curing made on slab? Yes No Avg. Bad

Brand size is less than 100 sft? Yes No Avg. Bad

Prism (200 lbs) provided for curing? Yes No Avg. Bad

(finny bags used for column curing?) Yes No

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

Frequency of curing in number of times a day (enquire from labourers) Yes No Avg. Bad

Is the pressure in the curing pipe more than 15' head? Yes No Avg. Bad

Quality of infrastructure for curing. Good Avg. Bad

Remarks: ① For a no of columns Honey Combs should be filled.

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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.	A1	C1	8'-7 1/2"	8'-7"	✓	✓	✓	✓	✓	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
2.	A2	C2	8'-7 1/2"	8'-10"	✓	✓	✓	✓	✓	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
3.	A4	C2	8'-7 1/2"	8'-10"	✓	✓	✓	✓	✓	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
4.	B1	C2	8'-7 1/2"	8'-10"	✓	✓	✓	✓	✓	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
5.	B2	C2	8'-7 1/2"	9'-0"	✓	✓	✓	✓	✓	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
6.	B3	C1	8'-7 1/2"	8'-8"	✓	✓	✓	✓	✓	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
7.	B4	C2	8'-7 1/2"	8'-7"	✓	✓	✓	✓	✓	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
8.	C1	C1	8'-7 1/2"	8'-10"	✓	✓	✗	✓	✓	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
9.	C3	C2	8'-7 1/2"	8'-10"	✓	✓	✓	✓	✓	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
10.	C5	C1	8'-7 1/2"	8'-9"	✓	✓	✓	✓	✓	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
11.	D1	C2	8'-7 1/2"	8'-10"	✓	✓	✗	✓	✓	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
12.	D3	C3	8'-4 1/2"	8'-6"	✓	✓	✓	✓	✓	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
13.	E5	C1	8'-4 1/2"	8'-7 1/2"	✓	✓	✓	✓	✓	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
14.	F1	C2	8'-7 1/2"	9'-1"	✓	✓	✓	✓	✓	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
15.	F3	C2	8'-4 1/2"	8'-7"	✓	✓	✓	✓	✓	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
16.	F5	C1	8'-4 1/2"	8'-4"	✓	✓	✓	✓	✓	<input checked="" 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