

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

Block No.	54	Column No.	01	Sl. No.	32801
Company	SOV (IIB)	Project	SOV	Phase	IX
Prepared by	S. Kuldarp	Sign	S. Kuldarp	Date	12/02/19
Project Manager	K. Rukhsham	Sign	K. Rukhsham	Date	12/02/19
Previous stage report no.	32113	Report Filed and signed by PM?	Yes		
Checked By MD on		MD Sign		For filling	Yes <input type="checkbox"/> No <input type="checkbox"/>

Columns Position Check

Notes:

1. Inspection should be done after casting of columns at each stage and before starting centering works for each slab.
2. Prepare Columns Position Check Plan as follows:
 - a. Divide blocks into smaller sub-blocks.
 - b. Show size and orientation of columns. (Tolerance 0.5")
 - c. Show inner – inner space between columns. (Tolerance 1")
 - d. Show diagonals for 20% of bays. (Tolerance 1.5")
 - e. Print an A3 size plan.
3. 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:

1. Prepare Slab (or plinth beams) Dimensions Check Plan as follows:
 - a. Show outer dimensions of slab. (Tolerance 2")
 - b. Show length and width of balconies (Tolerance 1")
 - c. Show inner dimensions of ducts and lift well. (Tolerance 1")
 - d. Show location of sunken slab.
 - e. Print an A3 size plan.
2. 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?	<input type="checkbox"/> Yes <input type="checkbox"/> No <i>N.A</i>
Actual thickness of slab?	<input type="checkbox"/> Yes <input type="checkbox"/> No <i>N.A</i>

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

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 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"	—
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>10'-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 checked="" type="checkbox"/> Good <input 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 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 X)	Size of rods	Honeycombs	Plumb (✓ or X)		Reference level marked on column?
			Spec.	Actual				Side 1	Side 2	
1.	A ₁	C ₁	8'-7"	8'-6"	✓	✓	✓	✓	✓	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
2.	A ₂	C ₃	8'-4"	8'-3"	✓	✓	✓	✓	✓	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
3.	A ₃	C ₄	8'-4"	8'-3"	✓	✓	✓	✓	✓	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
4.	A ₄	C ₁	10'-7"	10'-0"	✓	✓	✓	✓	✓	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
5.	B ₁	C ₃	8'-7"	8'-6"	✓	✓	✓	✓	✓	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
6.	B ₂	C ₃	8'-7"	8'-6"	✓	✓	✓	✓	✓	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
7.	B ₋	C ₃	8'-7"	8'-6"	✓	✓	✓	✓	✓	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
8.	B ₃	C ₄	8'-7"	8'-7"	✓	✓	✓	✓	✓	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
9.	B ₄	C ₃	8'-7"	8'-7"	✓	✓	✓	✓	✓	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
10.	C ₁	C ₂	8'-7"	8'-6"	✓	✓	✓	✓	✓	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
11.	C ₂	C ₁	stairs	stairs	✓	✓	✓	✓	✓	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
12.	C ₋	C ₁	stairs	stairs	✓	✓	✓	✓	✓	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
13.	C ₃	C ₂	8'-7"	8'-6"	✓	✓	✓	✓	✓	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
14.	C ₄	C ₁	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