

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

Block No.	62	Column No.	01	Sl. No.	29613
Company	ICM	Project	Dum Dale	Phase	
Prepared by	P. Sri Kumar	Sign	P. Sri Kumar	Date	12/2/18
Project Manager	Kalamani Madana	Sign	Kalamani Madana	Date	12/3/18
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	29/6/1	For filing	<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:

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?

Yes No *ND*

Specified thickness of slab?

— Actual thickness of slab? *—*

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

Quality of curing, rod bending and concreting: Good Avg. Bad
 Quality of carpentry, rod bending and concreting: Good Avg. Bad
 Quality of starters? High Medium Low
 Number and size of honey combs? Good Avg. Bad
 Are the honey combs in slab and columns packed? Yes No
 Number of beams that are sagging, bulging, curved or deflected in the slab by more than 1" Yes No
 Have 6 cables, each for columns and slab casted and numbered for testing? Yes No
 Remarks: _____

Curing: Yes No Avg
 Boards for curing made on slab? Yes No Avg
 Board size is less than 100 sq ft? Yes No Avg
 Dimple (200 Hcp) provided for curing? Yes No
 Jimmy bags used for column curing? Yes No
 Distance of tap from furthest distance that requires curing: (max permitted 100') 20.00'
 Frequency of curing in number of times a day (enquire from labourers) 2 times
 Is the pressure in the curing pipe more than 15' head? Yes No
 Quality of infrastructure for curing: Good Avg. 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	Spec.	Height in ft	Actual	No of rods	Steel (✓ or ✗)	Size of rods	Honeycombs	Plumb (✓ or ✗)		Reference level marked on column?
										Side 1	Side 2	
1.	—	C1	8'-2 1/2"	8'-2 1/2"	8'-2 1/2"	✓	✓	✓	✓	✓	✓	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
2.	—	C2	8'-4 1/2"	8'-4"	8'-4"	✓	✓	✓	✓	✓	✓	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
3.	—	C3	8'-4 1/2"	8'-4"	8'-4"	✓	✓	✓	✓	✓	✓	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
4.	—	C2	8'-2 1/2"	8'-2 1/2"	8'-2 1/2"	✓	✓	✓	✓	✓	✓	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
5.	—	C2	8'-2 1/2"	8'-2 1/2"	8'-2 1/2"	✓	✓	✓	✓	✓	✓	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
6.	—	C4	8'-2 1/2"	8'-2 1/2"	8'-2 1/2"	✓	✓	✓	✓	✓	✓	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
7.	—	C3	8'-2 1/2"	8'-2 1/2"	8'-2 1/2"	✓	✓	✓	✓	✓	✓	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
8.	—	C2	8'-2 1/2"	8'-2 1/2"	8'-2 1/2"	✓	✓	✓	✓	✓	✓	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
9.	—	C4	8'-2 1/2"	8'-2 1/2"	8'-2 1/2"	✓	✓	✓	✓	✓	✓	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
10.	—	C3	8'-2 1/2"	8'-2 1/2"	8'-2 1/2"	✓	✓	✓	✓	✓	✓	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
11.	—	C3	8'-2 1/2"	8'-2 1/2"	8'-2 1/2"	✓	✓	✓	✓	✓	✓	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
12.	—	C3	8'-4 1/2"	8'-4"	8'-4"	✓	✓	✓	✓	✓	✓	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
13.	—	C3	8'-4 1/2"	8'-4"	8'-4"	✓	✓	✓	✓	✓	✓	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
14.	—	C3	8'-4 1/2"	8'-5"	8'-5"	✓	✓	✓	✓	✓	✓	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
15.	—	C2	8'-4 1/2"	8'-5"	8'-5"	✓	✓	✓	✓	✓	✓	<input checked="" 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