Quality Control Check Repot. Stage: Before Casting Slab (Villas)

Block No	15b	Slab No.	02	Sl. No.	31616
Company	Nilgiri Estate	Project	Nilgiri Estate.	Phase	II
Prepared by	S. Kuldeep	Sign	Kuldeep	Date	01/10/2018
Project Manager	Madhusudhan	Sign	M. Madh	Date	01/10/2018
Previous stage report no.		31525	Report filed and signed by PM?		☑ Yes ☐ No
Checked By MD on		MD Sign		For filling	☐ Yes ☐ 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.

Slab Check.

Notes:

1. Inspection should be done before casting of slab at each stage i.e. when the slab is ready for casting.
2. Prepare Slab 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. (Tolerance 1")
   d. Show location of sunken slab.
   e. Print an A3 size plan.
3. Mid landing height is no. of risers x riser height. Measure from SFL to SFL. Check staircase of lower floor that has been casted.
4. 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	
Staircase - mid landing1	Specified ht: 4'-4"	Actual ht: 4'-4"	Within tolerance of ½"? ☑ Yes ☐ No
Staircase - mid landing 2	Specified ht: –	Actual ht: –	Within tolerance of ½"? ☐ Yes ☐ No
Staircase width	Specified wd: 6'-4½"	Actual wd: 6'-4"	Within tolerance of ½"? ☑ Yes ☐ No
Staircase slab thickness	Specified: 5"	Actual: 5"	Within tolerance of ¼"? ☑ Yes ☐ No

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Quality of centering, rod bending and concreting.

Quality of centering, rod bending and concreting?	☐ Good ☑ Avg. ☐ Bad
18"extension to beam bottom runners on outer side provided?	☐ Yes ☑ No
Quality of Bracing Provided?	☐ Good ☑ Avg. ☐ Bad
Alignment of beams on outer side?	☐ Good ☑ Avg. ☐ Bad
Shuttering leveling?	☐ Good ☑ Avg. ☐ Bad
Column steel overlapping and cranking? (overlapping length should be 45 to 50 D)	☑ Correct ☐ Needs correction
Remarks:	

Slab Steel 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. Columns overlapping length should be 45 to 50 D.

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S No	Item	Quantitative Check (✓ or ✗)	Qualitative Check (Good / Avg. / Bad)
1.	Steel Check - Beam no of rods	✓	☑ Good ☐ Avg. ☐ Bad
2.	Steel Check - Beam size of bars	✓	☑ Good ☐ Avg. ☐ Bad
3.	Steel Check - Beams Extra Bars	✓	☑ Good ☐ Avg. ☐ Bad
4.	Steel Check - Beams Overlapping & Cranking	✓	☐ Good ☑ Avg. ☐ Bad
5.	Steel Check - Beams Bearing	✓	☐ Good ☑ Avg. ☐ Bad
6.	Covering blocks for beams	✓	☐ Good ☑ Avg. ☐ Bad
7.	Depth and width of beams	✓	☑ Good ☐ Avg. ☐ Bad
8.	Steel Check - Slab size of bars	✓	☑ Good ☐ Avg. ☐ Bad
9.	Steel Check - Slab spacing of bars	✓	☐ Good ☑ Avg. ☐ Bad
10.	Steel Check – Slab cranking & chairs	✓	☐ Good ☑ Avg. ☐ Bad
11.	Steel Check - Slab Extra Bars	✓	☑ Good ☐ Avg. ☐ Bad
12.	Covering blocks for slab	✓	☐ Good ☑ Avg. ☐ Bad
13.	Steel Check - Column steel overlapping length and cranking	✓	☐ Good ☑ Avg. ☐ Bad
14.	Electrical Conducting	✓	☑ Good ☐ Avg. ☐ Bad
15.	Steel check – floating columns	✓	☐ Good ☐ Avg. ☐ Bad
16.	Steel check – slab extensions/ joints	✓	☑ Good ☐ Avg. ☐ Bad
Remarks:			