

**Quality Control Check Report**      Stage: Before Casting Slab (Villas)

Block No	182	Slab No.	01	Sl. No.	29202
Company	Nigeria Estates	Project	Nigeria Estates	Phase	II
Prepared by	S. Sunu Kuros	Sign	[Signature]	Date	02/02/18.
Project Manager	Mohu Sudan	Sign	[Signature]	Date	02/02/18
Previous stage report no.	28539	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.

**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?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Staircase - mid landing 1	Specified ht: 4'5"	Actual ht: 4'5"      Within tolerance of 1/2"? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Staircase - mid landing 2	Specified ht: —	Actual ht: —      Within tolerance of 1/2"? <input type="checkbox"/> Yes <input type="checkbox"/> No
Staircase width	Specified wdt: 10'-0"	Actual wdt: 10'-0"      Within tolerance of 1/2"? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Staircase slab thickness	Specified: —	Actual: —      Within tolerance of 1/4"? <input type="checkbox"/> Yes <input type="checkbox"/> No

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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"/> Yes <input checked="" type="checkbox"/> No
18" extension to beam bottom runners on outer side provided?	<input type="checkbox"/> Good <input checked="" type="checkbox"/> Avg. <input type="checkbox"/> Bad
Quality of Bracing Provided?	<input type="checkbox"/> Good <input checked="" type="checkbox"/> Avg. <input type="checkbox"/> Bad
Alignment of beams on outer side?	<input type="checkbox"/> Good <input checked="" type="checkbox"/> Avg. <input type="checkbox"/> Bad
Shuttering leveling?	<input checked="" type="checkbox"/> Correct <input type="checkbox"/> Needs correction
Column steel overlapping and cranking? (overlapping length should be 45 to 50 D)	<input checked="" type="checkbox"/> Correct <input type="checkbox"/> Needs correction
Remarks:	<u>A centering and rod bending works was very very poor</u>

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 X)	Qualitative Check (Good / Avg. / Bad)
1.	Steel Check - Beam no of rods	✓	<input type="checkbox"/> Good <input checked="" type="checkbox"/> Avg. <input type="checkbox"/> Bad
2.	Steel Check - Beam size of bars	✓	<input type="checkbox"/> Good <input checked="" type="checkbox"/> Avg. <input type="checkbox"/> Bad
3.	Steel Check - Beams Extra Bars	✓	<input type="checkbox"/> Good <input checked="" type="checkbox"/> Avg. <input type="checkbox"/> Bad
4.	Steel Check - Beams Overlapping & Cranking	✓	<input type="checkbox"/> Good <input checked="" type="checkbox"/> Avg. <input type="checkbox"/> Bad
5.	Steel Check - Beams Bearing	✓	<input type="checkbox"/> Good <input checked="" type="checkbox"/> Avg. <input type="checkbox"/> Bad
6.	Covering blocks for beams	✓	<input type="checkbox"/> Good <input checked="" type="checkbox"/> Avg. <input type="checkbox"/> Bad
7.	Depth and width of beams	✓	<input type="checkbox"/> Good <input checked="" type="checkbox"/> Avg. <input type="checkbox"/> Bad
8.	Steel Check - Slab size of bars	✓	<input checked="" type="checkbox"/> Good <input type="checkbox"/> Avg. <input type="checkbox"/> Bad
9.	Steel Check - Slab spacing of bars	✓	<input type="checkbox"/> Good <input checked="" type="checkbox"/> Avg. <input type="checkbox"/> Bad
10.	Steel Check - Slab cranking & chairs	✓	<input type="checkbox"/> Good <input checked="" type="checkbox"/> Avg. <input type="checkbox"/> Bad
11.	Steel Check - Slab Extra Bars	✓	<input type="checkbox"/> Good <input checked="" type="checkbox"/> Avg. <input type="checkbox"/> Bad
12.	Covering blocks for slab	✓	<input type="checkbox"/> Good <input checked="" type="checkbox"/> Avg. <input type="checkbox"/> Bad
13.	Steel Check - Column steel overlapping length and cranking	✓	<input type="checkbox"/> Good <input checked="" type="checkbox"/> Avg. <input type="checkbox"/> Bad
14.	Electrical Conducting	✓	<input type="checkbox"/> Good <input checked="" type="checkbox"/> Avg. <input type="checkbox"/> Bad
15.	Steel check - floating columns	✓	<input type="checkbox"/> Good <input type="checkbox"/> Avg. <input type="checkbox"/> Bad
16.	Steel check - slab extensions/ joints	✓	<input type="checkbox"/> Good <input type="checkbox"/> Avg. <input type="checkbox"/> Bad
Remarks:			