

Quality Control Check Report Stage: Before Casting Plinth Beam (Villas)

Block No	66	Project	--	SL. No.	30734
Company		Sign		Phase	
Prepared by	Shivshil	Sign		Date	5/9/18
Project Manager	P. Akhilar	Sign		Date	5/9/18
Previous stage report no.		Report filed and signed by PM?			
Checked By MD on		MD Sign		For filling	
Recommendation: <input type="checkbox"/> Stop further work. Submit ATR on QC report to QC team. Proceed only after recheck by QC. <input type="checkbox"/> Stop further work. Proceed with work after submitting ATR on QC report to QC team. <input checked="" type="checkbox"/> Proceed with further work only after making corrections pointed out in the QC report. ATR not required. <input type="checkbox"/> Proceed with further work. ATR not required.					

Plinth Beam Check

Notes:

1. Inspection should be done before casting of plinth beam
2. Yellow enamel paint to be used for marking FFL of flooring. Mark 2" above FFL on column steel Plinth beam top must be 2'3" (in case of pavers) or 2'4" (in case of RCC slab) below the mark
3. Prepare plinth beam Dimensions Check Plan as follows
 - a. Show outer dimensions (Tolerance 2")
 - b. Show length and width of plinth beams (Tolerance 1")
 - c. Print an A3 size plan
4. Tick each correct dimension with green colour. Circle each incorrect dimension with red colour and mention actual dimension next to it

Plinth Beam Dimensions Check Plan enclosed?

Yes 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?	
Have rods for staircase slab been provided?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Quality of Bracing Provided?	<input checked="" type="checkbox"/> Good <input 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
Brackets for elevation features provided?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
Level marking at 2' above FFL is made?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Column steel overlapping and cranking? (overlapping length should be 45 to 50 D)	<input checked="" type="checkbox"/> Correct <input type="checkbox"/> Needs correction
Remarks:	
<p>(i) <u>Make Correction of Plinth Side of PB (14/10/19) which is 1 1/2" error.</u></p> <p>(ii) <u>FBR Footings QC check not taken up as per mdsia instructions due to lot of water stagnated in pits.</u></p> <p>(iii) <u>This QC-check was taken up by K. Sivith (P-19) on 11/10 instructions of mdsia</u></p>	

Plinth Beam 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 type="checkbox"/> Avg. <input type="checkbox"/> Bad
2.	Steel Check - Beam size of bars	✓	<input checked="" type="checkbox"/> Good <input type="checkbox"/> Avg. <input type="checkbox"/> Bad
3.	Steel Check - Beams Extra Bars	✓	<input checked="" type="checkbox"/> Good <input 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		
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
Remarks:			