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

Block No.	118	Other		Sl. No.	28676
Company	Nilgiri estates	Project	Nilgiri estate	Phase	II
Prepared by	P. Sai Kumar	Sign	Priety	Date	15/12/17
Project Manager	Madhusudhan	Sign	M. Madhu	Date	15/12/17
Approved by MD Date		Sign		For Filing	☐ 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.

Quality of centering, rod bending and marking.

Quality of centering, rod bending and marking?	☐ Good ☑ Avg. ☐ Bad
Remarks:	

Curing.

Tap provide at Apartment for curing.	☑ Yes ☐ No
Distance of tap from furthest distance that requires curing. (max permitted 100')	40' 6"
Source of water	☐ Sump ☐ OHT ☑ Bore-well direct connection ☐ None
Frequency of curing in number of times a day (enquire from labourers)	3 times
Is the pressure in the curing pipe more than 15' head?	☑ Yes ☐ No
Quality of infrastructure for curing.	☑ Good ☐ Avg. ☐ Bad
Remarks:	

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Covering blocks check.

Specified size of covering blocks	50 mm	Actual size of covering blocks being used	50 mm
Remarks:			

Earth Work Check.

Quality of earth work?	☐ Good ☑ Avg. ☐ Bad	Excess earth shifted away from site?	☑ Yes ☐ No
Remarks:			

Footings 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. Pit size should be 6" to 12"more than the footings size on all sides.
6. Excess earth must be shifted away from footings area.
7. Depth should be more than or equal to the specified depth. Keep in mind PCC thickness & sand filling wrt to road FFL.
8. PCC should be 3"more than the footing size (or as specified) and in one level. (Level tolerance 1")
9. Footing size & depth tolerance is 1". Depth of footing must be marked by paint on column steel.
10. Proper pegs must be made for centerline marking on all sides in CRS or brickwork. Marking with rods is not permitted.
11. If space between footings is less than 12"then a 4"hollow block wall with mortar is to be raised between the footings. Do not combine the footings.
12. Covering blocks of specified thickness must be used (generally 50 mm). Tolerance ¼".
13. Check the specified development lengths for mat and columns.

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S no	Col No	Col type	Pit size	Pit depth	PCC level	Footing size	Footing depth marking	Mat size	Mat steel	Column steel	Development lengths for mat & columns	Pegs for centre-line	Spacing between footings
1.	A1	C1	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
2.	A2	C1	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
3.	A3	C2	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
4.	A6	C2	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
5.	B8	C1	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
6.	C1	C1	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
7.	C2	C1	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
8.	C4	C2	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
9.	C3	C2	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
10.	D1	C1	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
11.	D2	C1	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
12.	D5	C2	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
13.	D7	C2	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
14.	D8	C1	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
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