

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

Block No.	125	Column No.	01	Sl. No.	28254
Company	Nilgiri estates	Project	Nilgiri estate	Phase	II
Prepared by	P. Sai Kumar	Sign	P.S.K	Date	23/10/14
Project Manager	Mahmudsham	Sign	M. Mahmud	Date	23/10/14
Previous stage report no.		Checked By MD on	27/3/3	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:					
<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.					

**Columns Position Check**

Notes:

- Inspection should be done after casting of columns at each stage and before starting centering works for each slab.
- Prepare Columns Position Check Plan as follows:
  - Divide blocks into smaller sub-blocks.
  - Show size and orientation of columns. (Tolerance 0.5")
  - Show inner - inner space between columns. (Tolerance 1")
  - Show diagonals for 20% of bays. (Tolerance 1.5")
  - Print an A3 size plan.
- Circle each correct dimension with green colour. Circle each incorrect dimension with red colour and mention actual dimension next to it.

**Columns Position Check Plan enclosed?**

Yes  No

**Slab Dimensions Check**

Notes:

- Prepare Slab (or plinth beams) Dimensions Check Plan as follows:
  - Show outer dimensions of slab. (Tolerance 2")
  - Show length and width of balconies (Tolerance 1")
  - Show inner dimensions of ducts and lift well. (Tolerance 1")
  - Show location of sunken slab.
  - Print an A3 size plan.
- 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

**Specified thickness of slab?**

Yes  No

Actual thickness of slab?

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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"/> Good <input checked="" type="checkbox"/> Avg. <input type="checkbox"/> Bad
Quality of starters?	<input type="checkbox"/> Good <input checked="" type="checkbox"/> Avg. <input type="checkbox"/> Bad
Number and size of honey combs?	<input type="checkbox"/> High <input checked="" type="checkbox"/> Medium. <input type="checkbox"/> Low
Are the honey combs is slab and columns packed?	<input type="checkbox"/> Good <input checked="" type="checkbox"/> Avg. <input type="checkbox"/> Bad
Number of beams that are sagging, bulging, caved or deflected in the slab by more than 1"	-
Have 6 cubes each for columns and slab casted and numbered for testing?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Remarks:	<p>① Honey combs packing not done properly and for couple of columns edges broken.</p>

Curing.

Bunds for curing made on slab?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A
Bund size is less than 100 sff?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A
Drum (200 lts) provided for curing?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Gunny bags used for column curing?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Distance of tap from furthest distance that requires curing. (max permitted 100')	
Frequency of curing in number of times a day (enquire from labourers)	
Is the pressure in the curing pipe more than 15' head?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Quality of infrastructure for curing.	<input type="checkbox"/> Good <input type="checkbox"/> Avg. <input type="checkbox"/> Bad
Remarks:	

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**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	Height in ft		Steel (✓ or ✗)		Honeycombs	Plumb (✓ or ✗)		Reference level marked on column?
			Spec.	Actual	No of rods	Size of rods		Side 1	Side 2	
1.	A1	C1	8'-2 1/2"	8'-7 1/2"	✓	✓	✓	✓	✓	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
2.	A3	C1	8'-7 1/2"	8'-8"	✓	✓	✓	✓	✓	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
3.	A4	C1	8'-7 1/2"	8'-5"	✓	✓	✓	✓	✓	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
4.	A5	C1	8'-4 1/2"	8'-4 1/2"	✓	✓	✓	✓	✓	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
5.	A6	C1	8'-4 1/2"	8'-5"	✓	✓	✓	✓	✓	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
6.	B1	C1	8'-2 1/2"	8'-2 1/2"	✓	✓	✓	✓	✓	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
7.	B2	C1	8'-2 1/2"	8'-2 1/2"	✓	✓	✓	✓	✓	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
8.	B3	C1	8'-2 1/2"	8'-8"	✓	✓	✓	✓	✓	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
9.	B6	C1	8'-2 1/2"	8'-8"	✓	✓	✓	✓	✓	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
10.	C1	C1	8'-4 1/2"	8'-4 1/2"	✓	✓	✓	✓	✓	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
11.	C2	C1	8'-4 1/2"	8'-5 1/2"	✓	✓	✓	✓	✓	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
12.	C4	C1	8'-7 1/2"	8'-7 1/2"	✓	✓	✓	✓	✓	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
13.	C5	C1	8'-2 1/2"	8'-8"	✓	✓	✗	✓	✓	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
14.	C6	C1	8'-7 1/2"	8'-7 1/2"	✓	✓	✗	✓	✓	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
15.										<input 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