

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

Block No.	51	Column No.	01	Sl. No.	32838
Company	KNM	Project	Blecardale	Phase	-
Prepared by	V. Sanketh	Sign	V. Sanketh A. Bernal	Date	07/02/19
Project Manager	Bala Murali Krishna	Sign		Date	07/02/19
Previous stage report no.		32554	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.

**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?	<input type="checkbox"/> Yes <input type="checkbox"/> No	N/A
Specified thickness of slab?	-	Actual thickness of slab?   align="center">-

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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 starters?	<input checked="" type="checkbox"/> Good <input type="checkbox"/> Avg. <input type="checkbox"/> Bad
Number and size of honey combs?	<input type="checkbox"/> High <input type="checkbox"/> Medium. <input checked="" 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:	

<u>Curing.</u>	
Bunds for curing made on slab?	<input type="checkbox"/> Yes <input type="checkbox"/> No <span style="float: right;">N.A</span>
Bund size is less than 100 sqft?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Drum (200 lbs) provided for curing?	<input 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')	20-0"
Frequency of curing in number of times a day (enquire from labourers)	2 times
Is the pressure in the curing pipe more than 15' head?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Quality of infrastructure for curing.	<input checked="" 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	C4	8'-9"	8'-10"	✓	✓	✓	✓	✓	✓ Yes <input type="checkbox"/> No <input type="checkbox"/>
2.	D2	C2	8'-1 1/2"	8'-5"	✓	✓	✓	✓	✓	✓ Yes <input type="checkbox"/> No <input type="checkbox"/>
3.	A4	C3	8'-1 1/2"	8'-4"	✓	✓	✓	✓	✓	✓ Yes <input type="checkbox"/> No <input type="checkbox"/>
4.	A5	C2	8'-7 1/2"	8'-6 1/2"	✓	✓	✓	✓	✓	✓ Yes <input type="checkbox"/> No <input type="checkbox"/>
5.	B1	C3	8'-7 1/2"	8'-2"	✓	✓	✓	✓	✓	✓ Yes <input type="checkbox"/> No <input type="checkbox"/>
6.	B2	C2	8'-7 1/2"	8'-5"	✓	✓	✓	✓	✓	✓ Yes <input type="checkbox"/> No <input type="checkbox"/>
7.	B4	C2	8'-7 1/2"	8'-7 1/2"	✓	✓	✓	✓	✓	✓ Yes <input type="checkbox"/> No <input type="checkbox"/>
8.	B5	C2	8'-1 1/2"	8'-5 1/2"	✓	✓	✓	✓	✓	✓ Yes <input type="checkbox"/> No <input type="checkbox"/>
9.	C3	C3	8'-1 1/2"	8'-4"	✓	✓	✓	✓	✓	✓ Yes <input type="checkbox"/> No <input type="checkbox"/>
10.	D2	C5	8'-2 1/2"	8'-6"	✓	✓	✓	✓	✓	✓ Yes <input type="checkbox"/> No <input type="checkbox"/>
11.	D3	C5	8'-1 1/2"	8'-5"	✓	✓	✓	✓	✓	✓ Yes <input type="checkbox"/> No <input type="checkbox"/>
12.	E1	C2	8'-1 1/2"	8'-1"	✓	✓	✓	✓	✓	✓ Yes <input type="checkbox"/> No <input type="checkbox"/>
13.	E2	C4	8'-7 1/2"	8'-6"	✓	✓	✓	✓	✓	✓ Yes <input type="checkbox"/> No <input type="checkbox"/>
14.	E3	C4	8'-7 1/2"	8'-2"	✓	✓	✓	✓	✓	✓ Yes <input type="checkbox"/> No <input type="checkbox"/>
15.	E5	C1	8'-1 1/2"	8'-3"	✓	✓	✓	✓	✓	✓ Yes <input type="checkbox"/> No <input type="checkbox"/>
16.										
17.										
18.										
19.										
20.										