

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

Block No.	89	Column No.	C 2	SI No.	34304
Company	AGM	Project	AVR Guindy	Phase	
Prepared by	Tyreek Kumar	Sign	Tyreek Kumar	Date	28/11/14
Project Manager	Zakir Jasson	Sign	Zakir Jasson	Date	28/11/14
Previous stage report no.		Report filed and signed by PM?		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Checked By MD on		MD Sign	34935	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 concreting 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 diagrams for 20% of bays. (Tolerance 1.5")
  - Print an A3 size plan.
- Check each correct dimension with green colour. Check 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 print/beam) 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?	5"	Actual thickness of slab?	5"
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Quality of centering, rod bending and concreting?  Good  Avg.  Bad

Quality of centering, rod bending and concreting?  Good  Avg.  Bad

Quality of starters?  High  Medium  Low

Number and size of honey combs?  Good  Avg.  Bad

Are the honey combs in slab and columns packed?  Good  Avg.  Bad

Number of beams that are sagging, bulging, caved or deflected in the slab by more than 1"  Yes  No

Have 6 cubes each for columns and slab casted and numbered for testing?  Yes  No

Remarks: \_\_\_\_\_

Curing

Bands for curing made on slab?  Yes  No

Band size is less than 100 mm?  Yes  No

Drain (200 lit) provided for curing?  Yes  No

Gunny bags used for column curing?  Yes  No

Distance of top from furthest distance that requires curing. (max permitted 100') 40-50'

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?  Yes  No

Quality of infrastructure for curing.  Good  Avg.  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 it differs from specified height by more than 1"

S.No	Col No.	Col type	Height in ft		No of rods	Size of rods	Honeycombs	Plumb (✓ or ✗)		Reference level marked on column?
			Spec.	Actual				Side 1	Side 2	
1.	A <sub>1</sub>	C <sub>1</sub>	8'-7"	8'-6"	✓	✓	✓	✓	✓	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
2.	A <sub>2</sub>	C <sub>2</sub>	8'-7"	8'-8"	✓	✓	✓	✓	✓	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
3.	A <sub>3</sub>	C <sub>1</sub>	8'-7"	8'-7"	✓	✓	✓	✓	✓	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
4.	B <sub>1</sub>	C <sub>1</sub>	stairs	stairs	✓	✓	✓	✓	✓	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
5.	B <sub>2</sub>	C <sub>2</sub>	8'-7"	8'-6"	✓	✓	✓	✓	✓	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
6.	B <sub>3</sub>	C <sub>2</sub>	8'-7"	8'-7"	✓	✓	✓	✓	✓	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
7.	C <sub>1</sub>	C <sub>2</sub>	stairs	stairs	✓	✓	✓	✓	✓	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
8.	D <sub>2</sub>	C <sub>2</sub>	8'-7"	8'-7"	✓	✓	✓	✓	✓	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
9.	D <sub>3</sub>	C <sub>2</sub>	8'-4"	8'-5"	✓	✓	✓	✓	✓	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
10.	E <sub>1</sub>	C <sub>2</sub>	8'-4"	8'-4"	✓	✓	✓	✓	✓	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
11.	F <sub>1</sub>	C <sub>1</sub>	8'-4"	8'-4"	✓	✓	✓	✓	✓	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
12.	F <sub>2</sub>	C <sub>1</sub>	8'-4"	8'-6"	✓	✓	✓	✓	✓	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
13.	F <sub>3</sub>	C <sub>4</sub>	8'-7"	8'-6"	✓	✓	✓	✓	✓	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
14.										<input 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