

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

Block No.	B - 1 R 2	Column No.	01	Sl. No.	35002
Company	MRMA LLP	Project	G.M.R	Phase	-
Prepared by	G. RATESH	Sign	<i>[Signature]</i>	Date	27/12/19
Project Manager	Ravi Prasad	Sign	<i>[Signature]</i>	Date	27/12/19
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		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:

1. Inspection should be done after casting of columns at each stage and before starting centering works for each slab.
2. Prepare Columns Position Check Plan as follows:
  - a. Divide blocks into smaller sub-blocks.
  - b. Show size and orientation of columns. (Tolerance 0.5")
  - c. Show inner – inner space between columns. (Tolerance 1")
  - d. Show diagonals for 20% of bays. (Tolerance 1.5")
  - e. Print an A3 size plan.
3. 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:

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

Specified thickness of slab? *N.A*

Actual thickness of slab? *N.A*

*N.A*

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Quality of centering, rod bending and concreting: \_\_\_\_\_

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

Quality of starters?  Good  Avg.  Bad

Number and size of honey combs?  High  Medium.  Low

Are the honey combs is slab and columns packed?  Good  Avg.  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?  Yes  No

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

Curing.

Bunds for curing made on slab?  Yes  No  N.A

Bund size is less than 100 sft?  Yes  No  N.A

Drum (200 lts) provided for curing?  Yes  No  N.A

Gunny bags used for column curing?  Yes  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) *70' 0"*

Is the pressure in the curing pipe more than 15' head? *2 times*

Quality of infrastructure for curing.  Yes  No

Quality of infrastructure for curing.  Good  Avg.  Bad

Remarks: *Note: Reference level marking instead of blair's level provide blue oxide*

**Quality Control Check Report. Stage: After Column Casting (Apartments)**  
**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 ( <input checked="" type="checkbox"/> or <input checked="" type="checkbox"/> )	Honeycombs	Plumb ( <input checked="" type="checkbox"/> or <input checked="" type="checkbox"/> )		Reference level marked on column?
			Spec.	Actual			Side 1	Side 2	
1.	P10	C1	2'9"	2'9"	<input checked="" type="checkbox"/> rods	<input checked="" type="checkbox"/> rods	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
2.	P9	C2	2'4"	2'4"	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
3.	P8	C2	4'4"	4'4"	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
4.	P7	C1	2'3"	2'3"	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
5.	O3	C5	1'8"	1'8"	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
6.	M5	C3	2'10"	2'10"	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
7.	M7	C2	4'0"	4'1"	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
8.	M8	C3	5'1"	5'1"	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
9.	M9	C3	2'0"	2'1"	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
10.	M10	C3	4'1"	4'1"	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
11.	M8	C3	6'10"	6'10"	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
12.	M9	C3	6'11"	6'4"	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
13.	M10	C3	5'4"	5'4"	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
14.	M7	C2	6'0"	6'0"	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
15.	L5	C4	5'2"	5'2"	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
16.	J10	C2	6'11"	6'11"	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
17.	H10	C2	9'0"	9'1"	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No