

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

Block No.	B (4 & 5)	Column No.	02	Sl. No.	35032
Company	MTR Mac LLP	Project	GMR	Phase	-
Prepared by	J. Sanketh	Sign	J. Sanketh	Date	28/12/19
Project Manager	Ramp Prasad	Sign	Ramp Prasad	Date	28/12/19
Previous stage report no.			Report filed and signed by PM?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Checked By MD on		MID Sign		For filing	<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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Specified thickness of slab?	5"
Actual thickness of slab?	5"

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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"/> High <input checked="" type="checkbox"/> Medium. <input type="checkbox"/> Low
Number and size of honey combs?		<input checked="" type="checkbox"/> Good <input type="checkbox"/> Avg. <input type="checkbox"/> Bad
Are the honey combs is slab and columns packed?		
Number of beams that are sagging, bulging, caved or deflected in the slab by more than 1"		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Have 6 cubes each for columns and slab casted and numbered for testing?		
Remarks:		

Curing.

Bunds for curing made on slab?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Bund size is less than 100 sft?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Drum (200 lts) 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')	40'-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:	

**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 (✓ or ✗)	Size of rods	Honeycombs	Plumb (✓ or ✗)		Reference level marked on column?
			Spec.	Actual				Side 1	Side 2	
1.	A16	C2	14'-0"	14'-1"	✓	✓	✓	✓	✓	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
2.	A18	C3	14'-0"	14'-1"	✓	✓	✓	✓	✓	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
3.	A19	C3	14'-0"	14'-0"	✓	✓	✓	✓	✓	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
4.	A21	C2	14'-0"	13'-6"	✓	✓	✓	✓	✓	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
5.	C16	C4	14'-0"	13'-6"	✓	✓	✓	✓	✓	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
6.	C8	C4	14'-0"	13'-6"	✓	✓	✓	✓	✓	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
7.	C19	C5	14'-0"	13'-6"	✓	✓	✓	✓	✓	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
8.	D21	C4	14'-0"	14'-0"	✓	✓	✓	✓	✓	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
9.	F16	C3	13'-6"	13'-8"	✓	✓	✓	✓	✓	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
10.	F18	C3	14'-0"	14'-1"	✓	✓	✓	✓	✓	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
11.	F19	C3	14'-0"	14'-1"	✓	✓	✓	✓	✓	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
12.	F21	C2	14'-0"	14'-1"	✓	✓	✓	✓	✓	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
13.	G17	C3	14'-0"	14'-1"	✓	✓	✓	✓	✓	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
14.	J17	C3	14'-0"	14'-1"	✓	✓	✓	✓	✓	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
15.	L16	C4	13'-6"	13'-8"	✓	✓	✓	✓	✓	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
16.	L18	C3	14'-0"	14'-0"	✓	✓	✓	✓	✓	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
17.	L19	C4	14'-0"	14'-1"	✓	✓	✓	✓	✓	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

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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	
18.	L21	C3	14'-0"	13'-10"	✓	✓	✓	✓	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
19.	N21	C3	14'-0"	13'-10"	✓	✓	✓	✓	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
20.	O16	C4	14'-0"	13'-10"	✓	✓	✓	✓	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
21.	O18	C2	14'-0"	14'-0"	✓	✓	✓	✓	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
22.	O19	C5	14'-0"	14'-0"	✓	✓	✓	✓	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
23.	R16	C2	14'-0"	14'-0"	✓	✓	✓	✓	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
24.	R18	C2	14'-0"	14'-1"	✓	✓	✓	✓	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
25.	R19	C2	14'-0"	14'-1"	✓	✓	✓	✓	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
26.	S21	C2	14'-0"	14'-1"	✓	✓	✓	✓	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
27.									<input type="checkbox"/> Yes <input type="checkbox"/> No
28.									<input type="checkbox"/> Yes <input type="checkbox"/> No
29.									<input type="checkbox"/> Yes <input type="checkbox"/> No
30.									<input type="checkbox"/> Yes <input type="checkbox"/> No
31.									<input type="checkbox"/> Yes <input type="checkbox"/> No
32.									<input type="checkbox"/> Yes <input type="checkbox"/> No
33.									<input type="checkbox"/> Yes <input type="checkbox"/> No
34.									<input type="checkbox"/> Yes <input type="checkbox"/> No
35.									<input type="checkbox"/> Yes <input type="checkbox"/> No
36.									<input type="checkbox"/> Yes <input type="checkbox"/> No
37.									<input type="checkbox"/> Yes <input type="checkbox"/> No
38.									<input type="checkbox"/> Yes <input type="checkbox"/> No
39.									<input type="checkbox"/> Yes <input type="checkbox"/> No