

Quality Control Check Report      Stage After Column Casting (Gillas)

Block No.	<u>85</u>	Column No.	<u>02</u>	Sl. No.	<u>34448</u>
Company	<u>Agh</u>	Project	<u>F.R. Gulistan</u>		
Prepared by	<u>S. Saad Juma</u>	Sign	<u>[Signature]</u>	Date	<u>22/11/24</u>
Project Manager	<u>[Signature]</u>	Sign	<u>[Signature]</u>	Date	<u>22/11/24</u>
Previous stage report no.	<u>34438</u>	Report filed and signed by PMP	<u>[Signature]</u>	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	
Checked by MID on	<u>MID Sign</u>	For filing	<u>[Signature]</u>	Yes <input type="checkbox"/> No <input type="checkbox"/>	

**Recommendation:**

- Stop further work. Submit ATR on QC report to QC team. Proceed only after feedback by QC.
- Stop further work. Proceed with work after submitting ATR on QC report to QC team.
- Proceed with further work only after making sure all points raised 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 rebaring works for each slab.
2. Prepare Columns Position Check Plan as follows:
  - a. Divide bunks into smaller sub-bunks.
  - b. Show size and orientation of columns. (Tolerance 0.5%)
  - c. Show inner - inner space between columns. (Tolerance 1%)
  - d. Show dim. marks 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 beam) 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 fit well. (Tolerance 1%)
  - d. Show location of sunkon 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

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 slabs?  Yes  No

Band size is less than 100 sqft?  Yes  No

Demol (200 lbs) provided for curing?  Yes  No

Gunny bags used for column curing?  Yes  No

Distance of lap from furthest distance that requires curing. (max permitted 100')

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 heights, Plumb, steel & level marking check.

- Note:
- 1. Mark ✓ for correct or minor mistake which does not require correction.
  - 2. Mark X for minor mistake that requires minor correction.
  - 3. Mark XXX for min or more mistake that requires correction by replacement or re-fixing.
  - 4. Mark XXXX for major mistake that cannot be corrected.
  - 5. If unsure, Plumb 0.25%.
  - 6. If concrete height of columns is level differs from specified height by more than 1".

S.No	Col No.	Col type	Spec.	Height in ft	Actual	No of rods	Steel ✓ or X	Size of rods	Honeycombs	Plumb ✓ or X	Side 1	Side 2	Reference level marked on column?		
													Yes	No	
1.	A1	C8	8-ft	8-ft	✓	✓	✓	✓	✓	✓	✓	✓	✓	Yes	<input type="checkbox"/> No
2.	A3	C8	8-ft	8-ft	✓	✓	✓	✓	✓	✓	✓	✓	✓	Yes	<input type="checkbox"/> No
3.	A5	C8	8-ft	8-ft	✓	✓	✓	✓	✓	✓	✓	✓	✓	Yes	<input type="checkbox"/> No
4.	A1	C8	8-ft	8-ft	✓	✓	✓	✓	✓	✓	✓	✓	✓	Yes	<input type="checkbox"/> No
5.	A2	C8	8-ft	8-ft	✓	✓	✓	✓	✓	✓	✓	✓	✓	Yes	<input type="checkbox"/> No
6.	A3	C8	8-ft	8-ft	✓	✓	✓	✓	✓	✓	✓	✓	✓	Yes	<input type="checkbox"/> No
7.	A5	C8	8-ft	8-ft	✓	✓	✓	✓	✓	✓	✓	✓	✓	Yes	<input type="checkbox"/> No
8.	C1	C8	8-ft	8-ft	✓	✓	✓	✓	✓	✓	✓	✓	✓	Yes	<input type="checkbox"/> No
9.	C2	C8	8-ft	8-ft	✓	✓	✓	✓	✓	✓	✓	✓	✓	Yes	<input type="checkbox"/> No
10.	C3	C8	8-ft	8-ft	✓	✓	✓	✓	✓	✓	✓	✓	✓	Yes	<input type="checkbox"/> No
11.	C4	C8	8-ft	8-ft	✓	✓	✓	✓	✓	✓	✓	✓	✓	Yes	<input type="checkbox"/> No
12.	C5	C8	8-ft	8-ft	✓	✓	✓	✓	✓	✓	✓	✓	✓	Yes	<input type="checkbox"/> No
13.	C6	C8	8-ft	8-ft	✓	✓	✓	✓	✓	✓	✓	✓	✓	Yes	<input type="checkbox"/> No
14.	C7	C8	8-ft	8-ft	✓	✓	✓	✓	✓	✓	✓	✓	✓	Yes	<input type="checkbox"/> No
15.	C8	C8	8-ft	8-ft	✓	✓	✓	✓	✓	✓	✓	✓	✓	Yes	<input type="checkbox"/> No
16.														Yes	<input type="checkbox"/> No
17.														Yes	<input type="checkbox"/> No
18.														Yes	<input type="checkbox"/> No
19.														Yes	<input type="checkbox"/> No
20.														Yes	<input type="checkbox"/> No