

**Quality control Check Report**      **Stage: After columnCasting (villas)**

|                           |                         |                                |                      |   |  |
|---------------------------|-------------------------|--------------------------------|----------------------|---|--|
| Block No.                 | 15                      | Column No.                     | 01                   | SL No.  | 34987  |
| Company                   | <i>Scienc Construct</i> | Project                        | <i>Scienc Farms</i>  | Phase   |  |
| Prepared by               | <i>T Vinod Kumar</i>    | Sign                           | <i>T Vinod Kumar</i> | Date  | 23/12/19   |
| Project Manager           | <i>Sai Krishna</i>      | Sign                           | <i>Sai Krishna</i>   | Date  | 23/12/19   |
| Previous stage report no. |                         | Report filed and signed by PM? | 321566               | <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 |

**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.

**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.

|  |  |                           |   |
|--|--|---------------------------|---|
| 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?   | <input type="checkbox"/> Yes <input type="checkbox"/> No |                           |   |
| Specified thickness of slab?   | —  | Actual thickness of slab? | — |

**Quality control Check Report. Stage: After column Casting (villas)**

|   |  |  |
|---|--|--|
| 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"/> Good <input type="checkbox"/> Avg. <input checked="" type="checkbox"/> Low    |
| 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:  |  |  |

Curing.

|   |   |         |
|---|---|---------|
| Bunds for curing made on slab?  | <input type="checkbox"/> Yes <input type="checkbox"/> No  | ---     |
| Bund size is less than 100 sft?   | <input 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') |   | 15'-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:  | Note: Gunny bags was tested already we mentioned in previous checking to replace with new ones.     |         |

**Quality control Check Report. Stage: After column Casting (villas)**

**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.   | A <sub>1</sub> | C <sub>1</sub> |              | 8'-4 1/4" | ✓              | ✓            | -          | ✓              | ✓      | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
| 2.   | A <sub>2</sub> | C <sub>1</sub> |              | 8'-4 1/4" | ✓              | ✓            | -          | ✓              | ✓      | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
| 3.   | A <sub>4</sub> | C <sub>1</sub> |              | 8'-3"     | ✓              | ✓            | -          | ✓              | ✓      | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
| 4.   | B <sub>1</sub> | C <sub>1</sub> |              | 8'-5"     | ✓              | ✓            | -          | ✓              | ✓      | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
| 5.   | B <sub>2</sub> | C <sub>1</sub> |              | 8'-4"     | ✓              | ✓            | -          | ✓              | ✓      | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
| 6.   | B <sub>4</sub> | C <sub>1</sub> |              | 8'-4 1/4" | ✓              | ✓            | -          | ✓              | ✓      | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
| 7.   | C <sub>1</sub> | C <sub>1</sub> |              | 8'-5"     | ✓              | ✓            | -          | ✓              | ✓      | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
| 8.   | C <sub>2</sub> | C <sub>1</sub> |              | 8'-5"     | ✓              | ✓            | -          | ✓              | ✓      | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
| 9.   | C <sub>3</sub> | C <sub>1</sub> |              | 8'-4 1/4" | ✓              | ✓            | -          | ✓              | ✓      | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
| 10.  | C <sub>5</sub> | C <sub>1</sub> |              | 8'-5 1/4" | ✓              | ✓            | -          | ✓              | ✓      | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
| 11.  | D <sub>1</sub> | C <sub>1</sub> |              | 8'-5 1/4" | ✓              | ✓            | -          | ✓              | ✓      | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
| 12.  | D <sub>2</sub> | C <sub>1</sub> |              | 8'-5 1/4" | ✓              | ✓            | -          | ✓              | ✓      | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
| 13.  | D <sub>5</sub> | C <sub>1</sub> |              | 8'-4 1/4" | ✓              | ✓            | -          | ✓              | ✓      | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
| 14.  | E <sub>1</sub> | C <sub>1</sub> |              | 8'-4 1/4" | ✓              | ✓            | -          | ✓              | ✓      | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
| 15.  | E <sub>3</sub> | C <sub>1</sub> |              | 8'-4 1/4" | ✓              | ✓            | -          | ✓              | ✓      | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
| 16.  | E <sub>5</sub> | C <sub>1</sub> |              | 8'-3"     | ✓              | ✓            | -          | ✓              | ✓      | <input checked="" 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            |