

**Quality Control Check Report. Stage: Before Casting Plinth Beam (Villas)**

|                           |            |                                |   |          |       |
|---------------------------|------------|--------------------------------|---|----------|-------|
| Block No                  | 285        | --                             | Project   | Sl. No.  | 31717 |
| Company                   | Voc (LLP)  | Project                        | Phase   | -        |       |
| Prepared by               | V. Sanketh | Sign                           | Date  | 10-10-18 |       |
| Project Manager           | A. Suresh  | Sign                           | Date  | 10-10-18 |       |
| Previous stage report no. | 30451      | Report filed and signed by PM? | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> |          |       |
| Checked By MD on          | MD Sign    | For filling                    | Yes <input type="checkbox"/> No <input type="checkbox"/>            |          |       |

**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.

**Plinth Beam Check.**

**Notes:**

- Inspection should be done before casting of plinth beam.
- Yellow enamel paint to be used for marking FFL, or flooring. Mark 2' above FFL on column steel. Plinth beam top must be 2'3" (in case of pavers) or 2'4" (in case of RCC slab) below the mark.
- Prepare plinth beam Dimensions Check Plan as follows:
  - Show outer dimensions (Tolerance 2")
  - Show length and width of plinth beams (Tolerance 1")
  - 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.
- Project managers must make pedestal/column 0 self-check report similar to report for column check. QC must collect report and attach the same to this report.

Plinth Beam Dimensions Check Plan enclosed?  Yes  No

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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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No                                 |
| Have rods for staircase slab been provided?                                      | <input type="checkbox"/> Good <input checked="" type="checkbox"/> Avg. <input type="checkbox"/> Bad |
| Quality of Bracing Provided?   | <input checked="" type="checkbox"/> Good <input type="checkbox"/> Avg. <input type="checkbox"/> Bad |
| Alignment of beams on outer side?  | <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> NA     |
| Brackets for elevation features provided?  | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No                                 |
| Level marking at 2' above FFL is made?   | <input checked="" type="checkbox"/> Correct <input type="checkbox"/> Needs correction               |
| Column steel overlapping and cranking? (overlapping length should be 45 to 50 D) | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No                                 |
| Pedestal/column 0 – self check report attached?                                  | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No                                 |
| Remarks:   |   |
|  |   |
|  |   |
|  |   |
|  |   |

Plinth Beam Steel 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. Columns overlapping length should be 45 to 50 D.

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| S No | Item                                       | Quantitative Check<br>(✓ or ✗) | Qualitative Check<br>(Good / Avg. / Bad)  |
|------|--|--------------------------------|---|
| 1.   | Steel Check - Beam no of rods              | ✓                              | <input checked="" type="checkbox"/> Good <input type="checkbox"/> Avg. <input type="checkbox"/> Bad |
| 2.   | Steel Check - Beam size of bars            | ✓                              | <input checked="" type="checkbox"/> Good <input type="checkbox"/> Avg. <input type="checkbox"/> Bad |
| 3.   | Steel Check - Beams Extra Bars             | ✓                              | <input checked="" type="checkbox"/> Good <input type="checkbox"/> Avg. <input type="checkbox"/> Bad |
| 4.   | Steel Check - Beams Overlapping & Cranking | ✓                              | <input type="checkbox"/> Good <input checked="" type="checkbox"/> Avg. <input type="checkbox"/> Bad |
| 5.   | Steel Check - Beams Bearing                | ✓                              | <input type="checkbox"/> Good <input checked="" type="checkbox"/> Avg. <input type="checkbox"/> Bad |
| 6.   | Covering blocks for beams                  | ✓                              | <input checked="" type="checkbox"/> Good <input type="checkbox"/> Avg. <input type="checkbox"/> Bad |
| 7.   | Depth and width of beams                   | ✓                              | <input checked="" type="checkbox"/> Good <input type="checkbox"/> Avg. <input type="checkbox"/> Bad |

Remarks: