

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

|                 |               |         |            |   |
|-----------------|---------------|---------|------------|---|
| Block No.       | 109           | Other   | Sl. No.    | 27228   |
| Company         | Milgem estate | Project | Phase      | II  |
| Prepared by     | P. Geet Kumar | Sign    | Date       | 12/5/12   |
| Project Manager | Rohit Kumar   | Sign    | Date       | 12/5/12   |
| Approved by MD  |               | Sign    | For Filing | <input type="checkbox"/> Yes <input checked="" 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.

Quality of centering, rod bending and marking.

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

Remarks:

**Curing.**

Tap provide at Apartment for curing.

Yes  No

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

40.0'

Source of water  Stump  OHT  Bore-well direct connection  
 None

Frequency of curing in number of times a day (enquire from labourers)

3 times  
 Yes  No

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

Good  Avg.  Bad

Quality of infrastructure for curing.

Remarks:

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Covering blocks check:

| Specified size of covering blocks  | Actual size of covering blocks being used |
|--|---|
| 50mm   | 50mm                                      |
| Remarks: <i>Note: For couple of footings, instead of 50mm covering blocks they kept 25mm, which are to be removed and replaced with 50mm</i> |   |

*Covering blocks*

Earth Work Check

|                        |   |                                      |   |
|------------------------|---|--------------------------------------|---|
| Quality of earth work? | <input type="checkbox"/> Good <input type="checkbox"/> Avg. <input checked="" type="checkbox"/> Bad | Excess earth shifted away from site? | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
| Remarks:               |   |                                      |   |

Footings 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. Pit size should be 6" to 12" more than the footings size on all sides.
6. Excess earth must be shifted away from footings area.
7. Depth should be more than or equal to the specified depth. Keep in mind PCC thickness & sand filling w.r.t to road FFL.
8. PCC should be 3" more than the footing size (or as specified) and in one level. (Level tolerance 1")
9. Footing size & depth tolerance is 1". Depth of footing must be marked by paint on column steel.
10. Proper pegs must be made for centerline marking on all sides in CRS or brickwork. Marking with rods is not permitted.
11. If space between footings is less than 12" then a 4" hollow block wall with mortar is to be raised between the footings. Do not combine the footings.
12. Covering blocks of specified thickness must be used (generally 50 mm). Tolerance 1/2".
13. Check the specified development lengths for mat and columns.

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| S no | Col No | Col type | Pit size | Pit depth | PCC level | Footing size | Footing depth marking | Mat size | Mat steel | Column steel | Development lengths for columns | Pegs for centre-line | Spacing between footings |
|------|--------|----------|----------|-----------|-----------|--------------|-----------------------|----------|-----------|--------------|---------------------------------|----------------------|--------------------------|
| 1.   | A1     | C1       | ✓        | ✓         | ✓         | ✓            | ✓                     | ✓        | ✓         | ✓            | ✓                               | ✓                    | ✓                        |
| 2.   | A2     | C1       | ✓        | ✓         | ✓         | ✓            | ✓                     | ✓        | ✓         | ✓            | ✓                               | ✓                    | ✓                        |
| 3.   | A3     | C2       | ✓        | ✓         | ✓         | ✓            | ✓                     | ✓        | ✓         | ✓            | ✓                               | ✓                    | ✓                        |
| 4.   | A6     | C2       | ✓        | ✓         | ✓         | ✓            | ✓                     | ✓        | ✓         | ✓            | ✓                               | ✓                    | ✓                        |
| 5.   | B8     | C1       | ✓        | ✓         | ✓         | ✓            | ✓                     | ✓        | ✓         | ✓            | ✓                               | ✓                    | ✓                        |
| 6.   | C1     | C1       | ✓        | ✓         | ✓         | ✓            | ✓                     | ✓        | ✓         | ✓            | ✓                               | ✓                    | ✓                        |
| 7.   | C2     | C2       | ✓        | ✓         | ✓         | ✓            | ✓                     | ✓        | ✓         | ✓            | ✓                               | ✓                    | ✓                        |
| 8.   | C4     | C2       | ✓        | ✓         | ✓         | ✓            | ✓                     | ✓        | ✓         | ✓            | ✓                               | ✓                    | ✓                        |
| 9.   | C7     | C1       | ✓        | ✓         | ✓         | ✓            | ✓                     | ✓        | ✓         | ✓            | ✓                               | ✓                    | ✓                        |
| 10.  | D1     | C1       | ✓        | ✓         | ✓         | ✓            | ✓                     | ✓        | ✓         | ✓            | ✓                               | ✓                    | ✓                        |
| 11.  | D2     | C1       | ✓        | ✓         | ✓         | ✓            | ✓                     | ✓        | ✓         | ✓            | ✓                               | ✓                    | ✓                        |
| 12.  | D5     | C2       | ✓        | ✓         | ✓         | ✓            | ✓                     | ✓        | ✓         | ✓            | ✓                               | ✓                    | ✓                        |
| 13.  | D7     | C2       | ✓        | ✓         | ✓         | ✓            | ✓                     | ✓        | ✓         | ✓            | ✓                               | ✓                    | ✓                        |
| 14.  | D8     | F1       | ✓        | ✓         | ✓         | ✓            | ✓                     | ✓        | ✓         | ✓            | ✓                               | ✓                    | ✓                        |
| 15.  |        |          |          |           |           |              |                       |          |           |              |                                 |                      |                          |
| 16.  |        |          |          |           |           |              |                       |          |           |              |                                 |                      |                          |
| 17.  |        |          |          |           |           |              |                       |          |           |              |                                 |                      |                          |
| 18.  |        |          |          |           |           |              |                       |          |           |              |                                 |                      |                          |
| 19.  |        |          |          |           |           |              |                       |          |           |              |                                 |                      |                          |
| 20.  |        |          |          |           |           |              |                       |          |           |              |                                 |                      |                          |
| 21.  |        |          |          |           |           |              |                       |          |           |              |                                 |                      |                          |
| 22.  |        |          |          |           |           |              |                       |          |           |              |                                 |                      |                          |
| 23.  |        |          |          |           |           |              |                       |          |           |              |                                 |                      |                          |