

Quality Control Check Report. Stage: After Brickwork (Villas)

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|---------------------------|--------------------|--------------------------------|---|--|
| Bungalow No. | 13 | Others | Sl. No. | 30307 |
| Company | KMM | Project | Phase | → |
| Prepared by | P. Sai Kumar | Sign | Date | 24/5/18 |
| Project Manager | Balamurali Krishna | Sign | Date | 24/5/18 |
| Previous stage report no. | 29639 | Report filed and signed by PM? | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | |
| Bungalow No | | Other | | |
| Checked By MD on | | MD Sign | For filling | <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.

Inspection should be done after:

- Brickwork, CRS for compound wall, compound wall and gate pillars are completed
- chicken mesh fixed
- after cleaning the bungalow.
- external scaffolding tied.
- external brickwork & beam joints filling completed.
- electrical conducting work is completed (except bathrooms).

Brickwork 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. Wall thickness should be as per plan. Use of 4" and 6" blocks must be checked.
6. All walls should have 2 beds of about 2" to 3" thickness with one no. 6 mm or 8 mm rod with M15 CC.
7. Chicken mesh should be used in each and every joint between RCC & Brickwork.
8. Joint between brickwork & beam on external side must be filled.
9. Check room dimensions with working plan. (Tolerance: 1")
10. Diagonals of each room shall be equal. (Tolerance: 2")
11. Balcony sill level should be 3'3" from SFL. (Tolerance: 1")
12. Check room height with specified height. (Tolerance: 1")
13. Check plumb of walls where ever it appears to be out of plumb. (Tolerance: 1/2")
14. Specify the No. of beams which are not aligned by more than 1" in a room.
15. Door frames must have black Japan coating and wood primer / pelliambar - at cost of painter.
16. Setbacks must be leveled atleast 6" below FFL of setbacks to ensure plastering is 6" below FFL.

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| S No | Room | Wall thickness (✓ or X) | Beds in walls (✓ or X) | Chicken mesh (✓ or X) | External brickwork & beam joint (✓ or X) | Room Dimensions (✓ or X) | Room Diminensions (✓ or X) | Difference in inches | Diagonal (✓ or X) | Diagonal Difference in inches | Balcony sill level (✓ or X) | Room Height (✓ or X) | Plumb of walls (Good/Avg./Bad) | Alignment of beams and walls - Nos. |
|---------|---------------------|---|---------------------------|--------------------------|---|-----------------------------|-------------------------------|----------------------|----------------------|----------------------------------|--------------------------------|-------------------------|-----------------------------------|--|
| 1 | Bedroom 1 C1C | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 2 | Toilet 1 C1T | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 3 | Bedroom 2 M1B | ✓ | ✓ | X | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 4 | Toilet 2 M1T | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 5 | Bedroom 3 K1B | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 6 | Toilet 3 K1T | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 7 | Bedroom 4 Passenger | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 8 | Toilet 4 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 9 | Drawing | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 10 | Dining | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 11 | Lobby 1 (Common) | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 12 | Lobby-2 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 13 | Terrace/ balcony 1 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 14 | Terrace-/balcony 2 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 15 | Head room | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 16 | Portico | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 17 | Kitchen | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 18 | Utility | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 19 | Other | | | | | | | | | | | | | |
| Remarks | | Note - Chicken mesh at beam joints to be provided properly. | | | | | | | | | | | | |

Quality Control Check Repot. Stage: After Brickwork (Villas)

| | |
|--|---|
| Quality of edges and corners in all rooms? | <input type="checkbox"/> Good <input checked="" type="checkbox"/> Avg. <input type="checkbox"/> Bad |
| Specify rooms that need correction: | |
| | |

Chajjas Quality Check

Notes: Width of chajja should be 6" more than the width of the door or window.

| Total Nos. of Chajjas | Slopes incorrect – nos. | Thickness incorrect –nos | Width incorrect - nos. | Height in correct - nos |
|-----------------------|-------------------------|--------------------------|------------------------|-------------------------|
| 19 | ✓ | ✓ | ✓ | ✓ |
| Remarks | | | | |
| | | | | |

Door Frames & Windows 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. Window template depth should be between 2 to 2 ½" after plastering.
6. Lenth level should be 7'3" from SFL & 7" from FFL. (Tolerance 1")
7. Lofts should be at a height of 7' to 7'3" from FFL. Kitchen plat from should be at a height of 32" or 33" from SFL. (Tolerance 1")
8. Slopes of lofts and kitchen platforms to be checked by using 12" spirit level and check height from floor from 2 or 3 points.
9. Thickness of platforms & lofts should be between 2 & 2.5".
10. Provide single layer table brick at bottom of each door frame without threshold.

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| S No | Room | Door size, face and position (✓ or ✗) | Brick at bottom of door frame ¹⁰ (✓ or ✗) | Door lintel level ⁶ (✓ or ✗) | Door diagonal check ⁶ (✓ or ✗) | Door Plumb - two sides (✓ or ✗) | Door frame black Japan/wood primer/Peelambar check (✓ or ✗) | Windows lintil & sill level (✓ or ✗) | Windows size (✓ or ✗) | Windows - template depth & diagonal ⁵ (✓ or ✗) | Windows - template powder coated ⁵ (✓ or ✗) | Loft & Kitchen platform required? (Yes or No) | Loft & Kitchen platform provided ⁸ (✓ or ✗ or NA) | Loft & Kitchen platform slope (✓ or ✗) |
|----------|-------------------------------|---------------------------------------|--|---|---|---------------------------------|---|--------------------------------------|-----------------------|---|--|---|--|--|
| 1 | Bedroom 1 GB | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 2 | Toilet 1 GT | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 3 | Bedroom 2 MB | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 4 | Toilet 2 MT | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 5 | Bedroom 3 GB | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 6 | Toilet 3 KT | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 7 | Bedroom 4 ^{Reservor} | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 8 | Toilet 4 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 9 | Drawing | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 10 | Dining | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 11 | Lobby 1 ^{Hand Wash} | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 12 | Lobby 2 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 13 | Terrace/ balcony 1 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 14 | Terrace/ bateeny 2 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 15 | Head room | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 16 | Portico | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 17 | Kitchen | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 18 | Other | | | | | | | | | | | | | |
| 19 | Other | | | | | | | | | | | | | |
| Remarks: | | | | | | | | | | | | | | |

Quality Control Check Report. Stage: After Brickwork (Villas)

Misc. Checks.

| | |
|---|--|
| Was 3.75 CFT proportion box provided? | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
| Condition of proportion box? | <input type="checkbox"/> Good <input checked="" type="checkbox"/> Avg. <input type="checkbox"/> Bad |
| Was the Bungalow cleaned before starting brick work? | <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Cant' say |
| Is the Bungalow cleaned for plastering? | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
| Wastage? | <input type="checkbox"/> High <input checked="" type="checkbox"/> Medium <input type="checkbox"/> Low |
| Storage of building material like bricks sand and cement. | <input type="checkbox"/> Good <input checked="" type="checkbox"/> Avg. <input type="checkbox"/> Bad |
| Drum (200 lts) provided for curing in each flat? | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Remarks: | |

Compound wall check

| | | |
|--|---|---|
| CRS + bed – specified level below FFL: | ✓ | Actual level below FFL: → |
| Specified compound wall height above FFL: | ✓ | Actual level above FFL: → |
| Quality and level of PCC on ground floor ? | | <input checked="" type="checkbox"/> Good <input type="checkbox"/> Avg. <input type="checkbox"/> Bad |
| Quality and level of PCC for portico? | | <input checked="" type="checkbox"/> Good <input type="checkbox"/> Avg. <input type="checkbox"/> Bad |
| Is leveling in the setbacks of the villa 6" below FFL? | | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
| Specified height of gate columns: | ✓ | Actual height provided: ✓ |
| Specified distance between gate columns: | ✓ | Actual distance provided: ✓ |
| Chicken mesh provided on external joints of villa (✓ or ✗) | ✓ | |
| Parapet wall thickness, height and design (✓ or ✗) | ✓ | |
| Parapet and compound wall railing design quality, fitting & redoxide painting (✓ or ✗) | ✓ | |
| Remarks: | | |