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

Bungalow No.	42	Others		Sl. No.	27229
Company	Nilgiri estate	Project	Nilgiri estate	Phase	II
Prepared by	M. Teja Sridhar	Sign		Date	16/05/17
Project Manager	Radheshyam	Sign		Date	16/05/17
Previous stage report no.		25906	Report filed and signed by PM?		☑ Yes ☐ No
Bungalow No		Other		Other	
Checked By MD on		MD Sign		For filling	☐ Yes ☐ 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"thickmess 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 pellambar - 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 ✗)	Beds in walls (✓ or ✗)	Chicken mesh (✓ or ✗)	External brickwork & beam joint (✓ or ✗)	Room Dimensions (✓ or ✗)	Room Dimensions Difference in inches	Diagonal (✓ or ✗)	Diagonal Difference in inches	Balcony sill level (✓ or ✗)	Room Height (✓ or ✗)	Plumb of walls (Good/Avg./Bad)	Alignment of beams and walls - Nos.
1	Bedroom 1 (MB)	✓	✓	✓	✓	✓	—	✓	—	—	✓	Avg	✓
2	Toilet 1 (MT)	✓	✓	✓	✓	✓	—	✓	—	—	✓	"	✓
3	Bedroom 2 (KB)	✓	✓	✓	✓	✓	—	✓	—	—	✓	"	✓
4	Toilet 2 (LT)	✓	✓	✓	✓	✓	—	✓	—	—	✓	"	✓
5	~~Bedroom 3~~	—	—	—	—	—	—	—	—	—	—	—	—
6	~~Toilet~~ 3	—	—	—	—	—	—	—	—	—	—	—	—
7	~~Bedroom~~ 4	—	—	—	—	—	—	—	—	—	—	—	—
8	~~Toilet~~ 4	—	—	—	—	—	—	—	—	—	—	—	—
9	Drawing	✓	✓	✓	✓	✓	—	✓	—	—	✓	Avg	✓
10	Dining	✓	✓	✓	✓	✓	—	✓	—	—	✓	"	✓
11	~~Lobby~~ 1	—	—	—	—	—	—	—	—	—	—	—	—
12	~~Lobby~~ 2	—	—	—	—	—	—	—	—	—	—	—	—
13	~~Terrace/ balcony 1~~	—	—	—	—	—	—	—	—	—	—	—	—
14	~~Terrace/ balcony~~ 2	—	—	—	—	—	—	—	—	—	—	—	—
15	~~Head room~~	—	—	—	—	—	—	—	—	—	—	—	—
16	~~Portico~~	—	—	—	—	—	—	—	—	—	—	—	—
17	Kitchen	✓	✓	✓	✓	✓	✓	✓	—	—	✓	Avg	✓
18	Utility												
19	Other												

Remarks Note: There were some internal changes made by Customer.

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Quality of edges and corners in all rooms?	☐ Good ☑ Avg. ☐ Bad
Specify rooms that need correction:	

Chajjas Quality Check

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

Total Nos. of Chajjas	Slopes incorrect – nos.	Thickness incorrect –nos	Width incorrect - nos.	Height in correct - nos
7	✓	✓	✓	✓
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. Lentil 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 FFL and 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 frame10 (✓ or ✗)	Door lentil level[6] (✓ or ✗)	Door diagonal check[6] (✓ or ✗)	Door Plumb - two sides (✓ or ✗)	Door frame black Japan/ wood primer/Peelambar check (✓ or ✗)	Windows lentil & sill level(✓ or ✗)	Windows size (✓ or ✗)	Windows - template depth & diagnal[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 (MB)	✓	✓	✓	✓	✓	✗	✓	✓	✓	✓	—	—	—
2	Toilet 1 (MT)	✓	✓	✓	✓	✓	✗	✓	✓	✓	✓	—	—	—
3	Bedroom 2 (KB)	✓	✓	✓	✓	✓	✗	✓	✓	✓	✓	—	—	—
4	Toilet 2 (CT)	✓	✓	✓	✓	✓	✗	✓	✓	✓	✓	—	—	—
5	~~Bedroom 3~~	—	—	—	—	—	—	—	—	—	—	—	—	—
6	~~Toilet 3~~	—	—	—	—	—	—	—	—	—	—	—	—	—
7	~~Bedroom 4~~	—	—	—	—	—	—	—	—	—	—	—	—	—
8	~~Toilet 4~~	—	—	—	—	—	—	—	—	—	—	—	—	—
9	Drawing	✓	✓	✓	✓	✓	✗	✓	✓	✓	✓	—	—	—
10	Dining	—	—	—	—	—	—	✓	✓	✓	✓	—	—	—
11	Lobby 1	—	—	—	—	—	—	—	—	—	—	—	—	—
12	Lobby 2	—	—	—	—	—	—	—	—	—	—	—	—	—
13	~~Terrace/ balcony 1~~	—	—	—	—	—	—	—	—	—	—	—	—	—
14	~~Terrace / balcony 2~~	—	—	—	—	—	—	—	—	—	—	—	—	—
15	~~Head room~~	—	—	—	—	—	—	—	—	—	—	—	—	—
16	~~Portico~~	—	—	—	—	—	—	—	—	—	—	—	—	—
17	Kitchen	—	—	—	—	—	—	✓	✗	✗	✗	Yes	✓	✓
18	Other													
19	Other													

Remarks: X) Z- angle was not fixed in kitchen.

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Misc. Checks.

Was 3.75 CFT proportion box provided?	☑ Yes ☐ No
Condition of proportion box?	☐ Good ☑ Avg. ☐ Bad
Was the Bungalow cleaned before starting brick work?	☐ Yes ☐ No ☑ Cant' say
Is the Bungalow cleaned for plastering?	☑ Yes ☐ No
Wastage?	☐ High ☑ Medium ☐ Low
Storage of building material like bricks sand and cement.	☐ Good ☑ Avg. ☐ Bad
Drum (200 lts) provided for curing in each flat?	☑ Yes ☐ No
Remarks:	

Compound wall check

CRS + bed – specified level below FFL: 1'-3"	Actual level below FFL: 1'-3"
Specified compound wall height above FFL: 4'-6"	Actual level above FFL: 4'-6"
Quality and level of PCC on ground floor ?	☐ Good ☑ Avg. ☐ Bad
Quality and level of PCC for portico?	☐ Good ☑ Avg. ☐ Bad
Is leveling in the setbacks of the villa 6" below FFL?	☑ Yes ☐ No
Specified height of gate columns: –	Actual height provided: X
Specified distance between gate columns: –	Actual distance provided: X
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: x) The Gate Columns were not Casted.	