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

Villa No		Other		Sl. No.	
Company		Project		Phase	
Prepared by		Sign		Date	
Project Manager		Sign		Date	
Previous state report no,			Report filed and signed by PM?		☐ Yes ☐ No
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 ang 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 levelled atleast 6” below FFL of setbacks to ensure plastering in 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												
2	Toilet 1												
3	Bedroom 2												
4	Toilet 2												
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	Terrace / balcony 3												
16	Portico												
17	Kitchen												
18	Other												
19	Other												
Remarks													

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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
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 form thickness should be 2", SFL to bottom 31". (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.
11. Check Z angle template size.
12. Window opening must be checked with MS square pipe templates of 2 sizes for inner and outer openings.
13. Z angle template must be 1" from brick wall surface from the inner side.

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S No	Room	Door size, face and position (✓ or ✗)	Brick at bottom of door frame10 (✓ or ✗)	Door lentil level (✓ or ✗)	Door diagonal check (✓ 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 (✓ or ✗)	Loft & Kitchen platform required ?(✓ or ✗)	Loft & Kitchen platform provided (✓ or ✗)	Loft & Kitchen platform slope (✓ or ✗)
1	Bedroom 1													
2	Toilet 1													
3	Bedroom 2													
4	Toilet 2													
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	Terrace / balcony 3													
16	Portico													
17	Kitchen													
18	Other													
19	Other													
	Remarks:													

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Misc. Checks.

Was 3.75 CFT proportion box provided?	☐ Yes ☐ No
Condition of proportion box?	☐ Good ☐ Avg. ☐ Bad
Was the villa 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 bungalow?	☐ Yes ☐ No
Remarks:	

Compound wall check

CRS + bed – specified level below FFL.	Actual level below FFL.
Specified compound wall height above FFL.	Actual level below FFL.
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
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:	