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

Bungalow No.	71	Others		Sl. No.	34246
Company	SOVCLLP?	Project	Sov	Phase	
Prepared by	G. RAJESH	Sign		Date	23/08/19
Project Manager	K. Purshotam	Sign		Date	23/08/19
Previous stage report no.	32825	Report filed and signed by PM?		Other	☑ Yes ☐ No
Bungalow No		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" 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 / pellambar – at cost of painter.
16. Setbacks must be leveled atleast 6" below FFL, of setbacks to ensure plastering is 6" below FFL.

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 M.B	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔
2	Toilet 1 M.B	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔
3	Bedroom 2 C.B	✔	✔	✔	✔	✔	✔	✔	✔	✔			
4	Toilet 2 C.T	✔	✔	✔	✔	✔			✔	✔			
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	✔		✔	✔				✔			✔	
18	Utility												
19	Other												
	Remarks												

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
05	✓		✓	
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 (✔ or ✗)	Loft & Kitchen platform required ? (Yes or No)	Loft & Kitchen platform provided[8] (✔ or ✗ or NA)	Loft & Kitchen platform slope (✔ or ✗)
1	Bedroom 1 M.B													
2	Toilet 1 M.T													
3	Bedroom 2 C.B													
4	Toilet 2 C.T													
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													
18	Other													
19	Other													

Remarks:

Misc. Checks.

Item			
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		
Is the Bungalow cleaned for plastering?	☑Yes ☐No ☐Cant' say		
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

Item	Value	Actual
CRS + bed – specified level below FFL:		Actual level below FFL: —
Specified compound wall height above FFL:	3'6"	Actual level above FFL: 3'6"
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:	6'0"	Actual height provided: 6'0"
Specified distance between gate columns:	10'0"	Actual distance provided: 10'0"
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:	Railing was not fitted	