

BILL OF QUANTITY
PROJECT
POLICE SCHOOL STAFF QUARTERS



Project No.	Tender Amount
MP/SS/2BHK	Rs. 22,90,40,234
Er. Vishwajeet Singh (Corporate Trainer)	<i>Satendra</i> Engineer's Name Er. Satendra Bharti

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DECLARATION BY CANDIDATE

I undersigned declare that the report of the project entitled ***Estimation & Bill of Quantity of Police School Staff Quarters*** is based on my own work carried out during the training under the supervision of **Er. Vishwajeet Singh (Corporate Trainer)**. I assured that the statement made and conclusion drawn are on outcome of my study of research work.

I further certify that the work contained in the report is original and has been done by me under the supervision of my trainer. We have followed the guidelines provided by **Civil Guruji** in writing the project, we have used materials, data, theoretical analysis and text from Civil Guruji, we have given credit to them for giving the detail for references.


Er. Satendra Bharti
Branch - Bhopal

ACKNOWLEDGEMENT

The contentment, the accomplishment, the magnificence, the fulfillment, the prize admiration and the creation of any project cannot be thought of without the few, who apart from their regular schedule spared their valuable time. A number of persons contribute either directly or indirectly in shaping and achieving the desired outcome.

Apart from the efforts of me, the success of any project depends largely in the encouragement and guidelines of many others. I take this opportunity to express my gratitude and sincere thanks to honorable **Er. Chetan Sharma (Estimation & Costing Engineer)** I would like to show my greatest appreciation to him. Without his encouragement and guidance this project would not have been materialized.

I owe a debt of appreciation to **Er. Vishwajeet Singh (Corporate Trainer)** for providing us with an opportunity to develop this project, through his timely advice and supervision he was a real source of inspiration for me.

The guidance and support received from all members of Civil guruji to provide me resources for this project was vital for the success of the project. I am grateful for their constant support and help.

Last but not the least I'm really thankful to parents, who taught me the values of hard work by their own example and who instilled me the free thinking and joy of making researches.



Er. Satendra Bharti

CERTIFICATE

This is to certify that the report of project entitled "***Estimate & Bill of Quantity of Police School Staff Quarters***" is record of project work carried out by Er. Satendra Bharti under my guidance and supervision for the certificate from

Civil Guruji – Civil Engineer's Training Institute.

To the best of my knowledge and belief the report.

1. Embodies the work of candidate himself,
2. Has duly been completed,
3. Fulfils the requirements of the ordinance relating to certificate and

Is up to the desired standard both in respect of contents and language for being referred to the civil Guruji.




Er. Chetan Sharma
(Estimation & Costing Engineer)



Cost Summary

NAME OF WORK: -POLICE SCHOOL STAFF QUARTERS

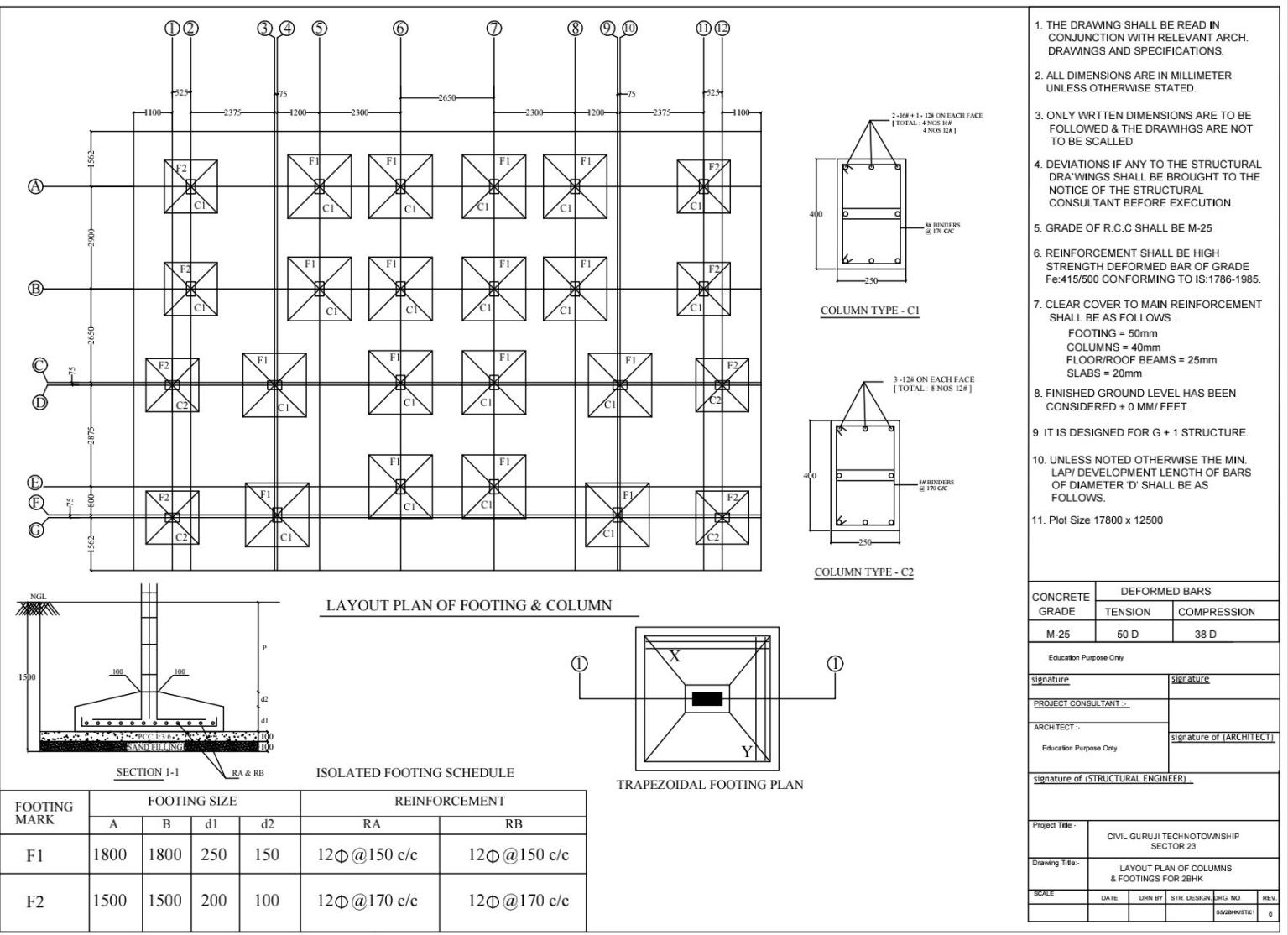
DEPARTMENT: - CENTRAL PUBLIC WORK DEPARTMENT

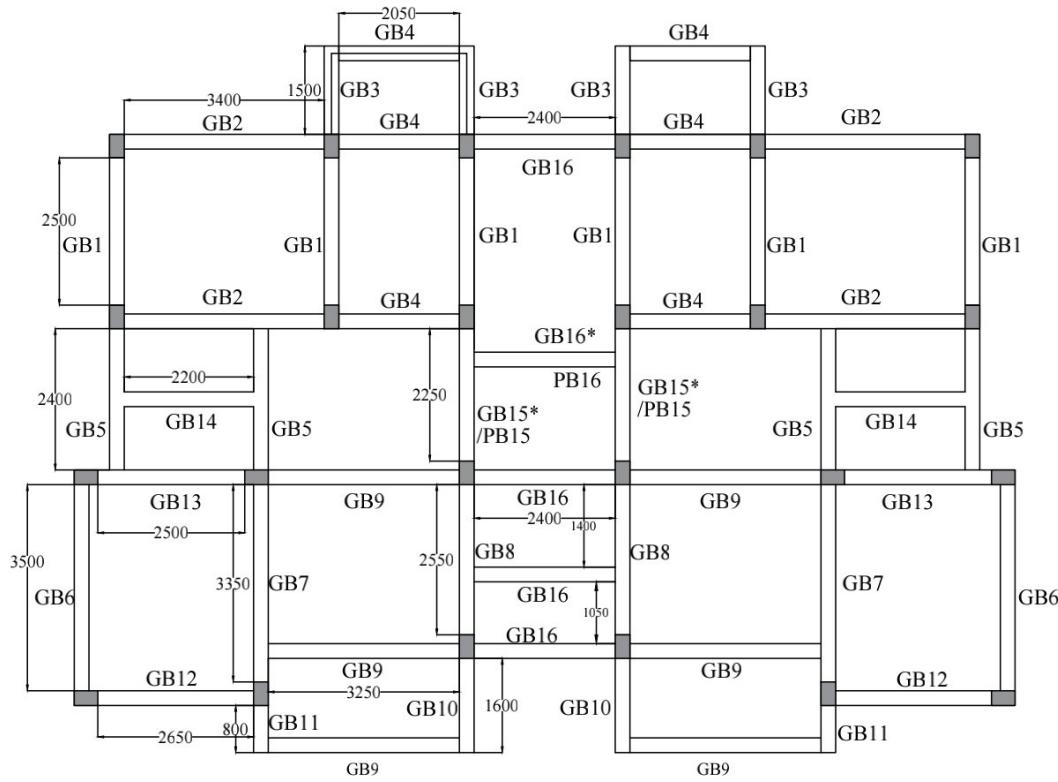
Cost of Project	Rs. 84,71,206.06
Add 5% Electrification Charge	Rs. 4,23,560.30
Total Cost of Project	Rs. 88,94,766.36
Add 3% Contingency	Rs. 2,66,842.99
Grand Total	Rs. 91,61,609.35
No. of units	25
Grand Total Tender Amount	Rs. 22,90,40,234

Rates & Specification Rates adopted in the Estimate are as per DSR 2023 The work will be carried out as per standard specification of Central Public Work Department, and as directed by Engineer-in charge from time to time.

Engineer-In Charge



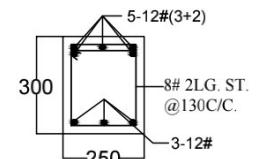




GROUND BEAM LAYOUT PLAN

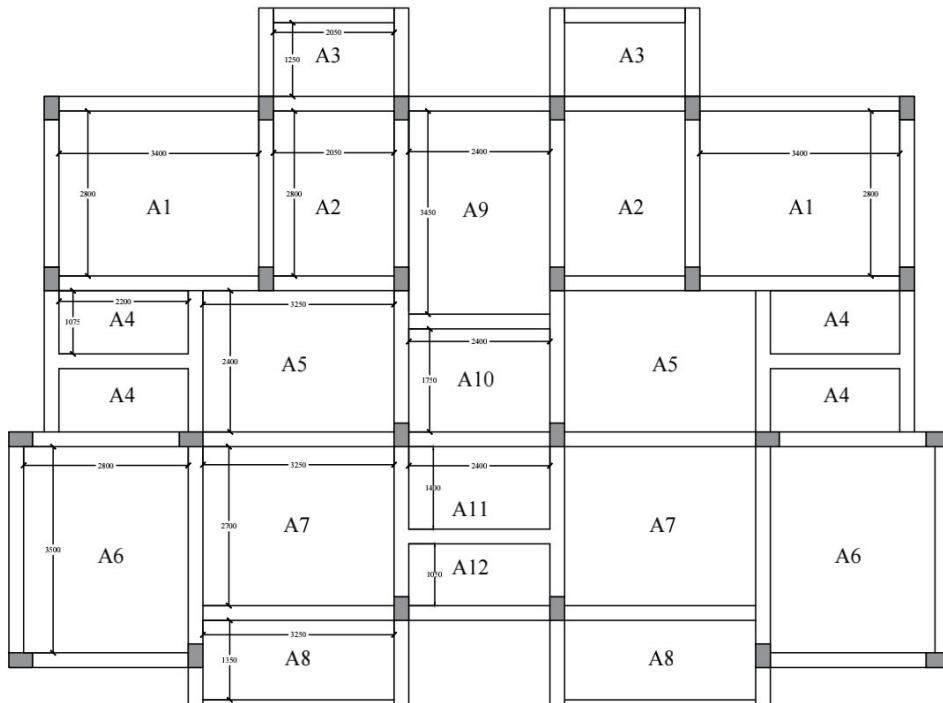
NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETER UNLESS AND OTHERWISE SPECIFIED
2. DRG SHOULD TO BE SCALED & WRITTEN DIMENSION ARE TO BE FOLLOWED
3. DISCREPANCY IF ANY SHALL BE CLARIFIED FROM THE CONSULTANT BEFORE COMMENCEMENT OF WORK.
4. ALL DETAILS SPECIFICATION S SHALL BE AS PER IS CODE OF PRACTICE
5. FOR OTHER DETAILS REFER STRUCTRAL AND OTHER ARCH. DRGS
6. PROVIDING SLAB HEIGHT 3000 mm
7. N.G.L TO PLINTH LEVEL HEIGHT IS 900 mm
8. SIZE OF BEAM = 250 mm x 300 mm



BEAM SIZE

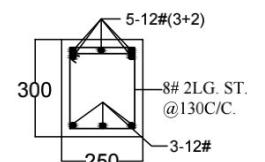
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PROJECT CONSULTANT :-	SIGNATURE:-
ARCHITECT :-	SIGNATURE:-
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CIVIL GURUJI TECHNOTOWNSHIP SECTOR 23	
DRAWING TITLE :-	
GROUND BEAM LAYOUT PLAN WORKING DRAWING (2 BHK)	
SCALE	DRAWING NO:
	SS/2BHK/AR/01
REVISION:	DATE:
0	WORKING DRAWING



AREA FILLING

NOTES:

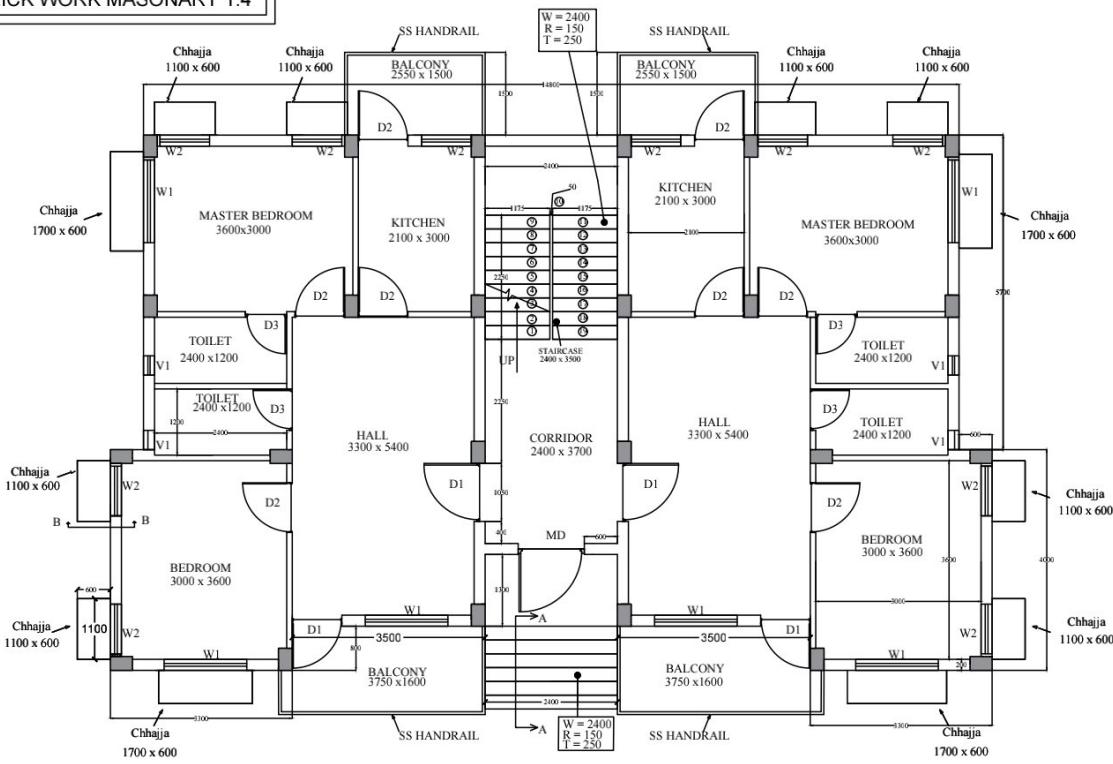
1. ALL DIMENSIONS ARE IN MILLIMETER UNLESS AND OTHERWISE SPECIFIED
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6. PROVIDING SLAB HEIGHT 3000 mm
7. N.G.L TO PLINTH LEVEL HEIGHT IS 900 mm
8. SIZE OF BEAM = 250 mm x 300 mm



BEAM SIZE

SIGNATURE:-	SIGNATURE:-
PROJECT CONSULTANT:-	SIGNATURE:-
ARCHITECT :-	SIGNATURE:-
PROJECT TITLE :-	
CIVIL GURUJI TECHNOTOWNSHIP SECTOR 23	
DRAWING TITLE :-	
PLINTH FILLING WORKING DRAWING (2 BHK)	
SCALE	
	SS/2BHK/AR/02
REVISION:	DATE:
0	WORKING DRAWING

1. OUTER WALL 200MM THICK
2. INNER WALL 100MM THICK
3. PROVIDING RATIO OF MOTAR IN BRICK WORK MASONARY 1:4



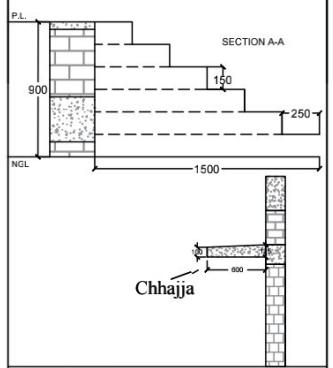
GROUND FLOOR PLAN

NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETER UNLESS AND OTHERWISE SPECIFIED
2. DRG SHOULD TO BE SCALED & WRITTEN DIMENSION ARE TO BE FOLLOWED
3. LIABILITY IF ANY SHALL BE CLARIFIED FROM THE CONSULTANT BEFORE COMMENCEMENT OF WORK
4. ALL DETAILS SPECIFICATION'S SHALL BE AS PER IS CODE OF PRACTICE
5. FOR OTHER DETAILS REFER STRUCTURAL AND OTHER ARCH. DRGS
6. THIS DRAWINGS IS THE SOLE PROPERTY OF M/s THE DESIGN GROUP AND SHOULD NOT BE COPIED IN WHOLE/ PART
7. PROVIDING SLAB HEIGHT 3Mtr

SIZES OF DOORS & WINDOWS IN METER

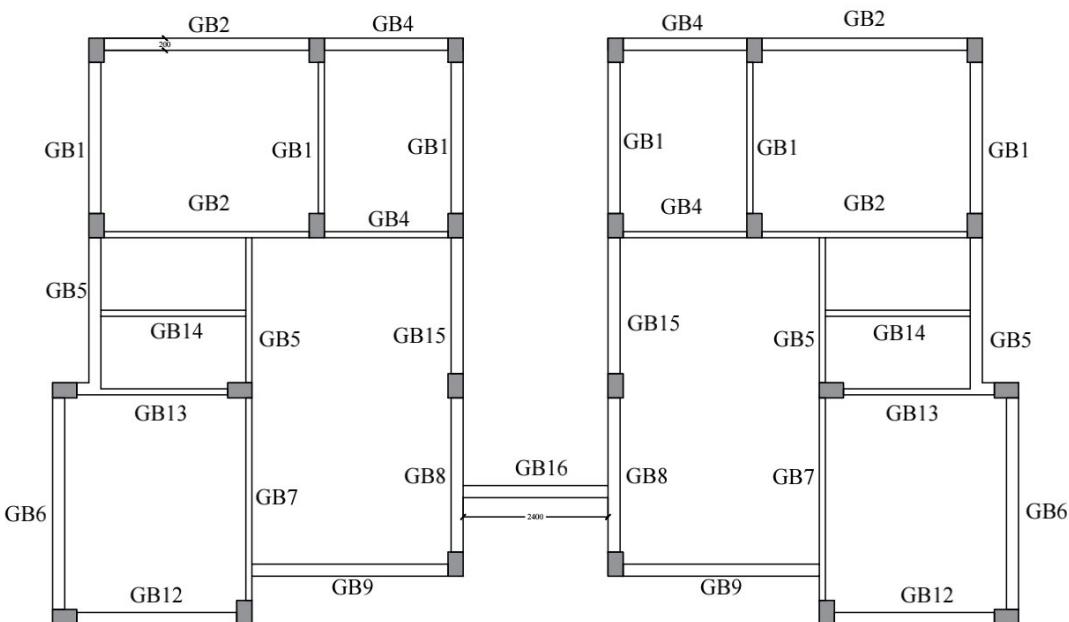
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1	MD	1.20 x 2.1	00	2.10	Single leaf door as/ detail
2	D1	1.05 x 2.1	00	2.10	Single leaf door as/ detail
3	D2	0.9 x 2.1	00	2.10	Single leaf door as/ detail
4	D3	0.75 x 2.1	00	2.10	Single leaf frp door as/ detail
5	W1	1.5 x 1.2	0.90	2.10	Window as/ detail
6	W2	0.9 x 1.2	0.90	2.10	Window as/ detail
7	V1	0.35x 0.35			Ventilator as/detail



PROJECT TITLE :-

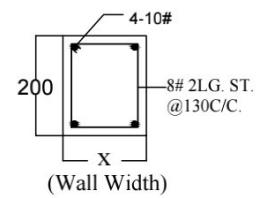
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SECTOR 23**

DRAWING TITLE :-		
GROUND FLOOR PLAN WORKING DRAWING (2 BHK)		
SCALE		DRAWING NO:
		SS/2BHK/AR/03
REVISION:	DATE:	REMARKS:
0		WORKING DRAWING



LAYOUT PLAN OF LINTEL BEAM

1. THE DRAWING SHALL BE READ IN CONJUNCTION WITH RELEVANT ARCH. DRAWINGS AND SPECIFICATIONS.
2. ALL DIMENSIONS ARE IN MILLIMETER UNLESS OTHERWISE STATED.
3. ONLY WRITTEN DIMENSIONS ARE TO BE FOLLOWED & THE DRAWINGS ARE NOT TO BE SCALLED.
4. DEVIATIONS IF ANY TO THE STRUCTURAL DRAWINGS SHALL BE BROUGHT TO THE NOTICE OF THE STRUCTURAL CONSULTANT BEFORE EXECUTION.
5. GRADE OF R.C.C SHALL BE M-25



LINTEL BEAM
(200mm x 200mm)
(100mm x 200mm)

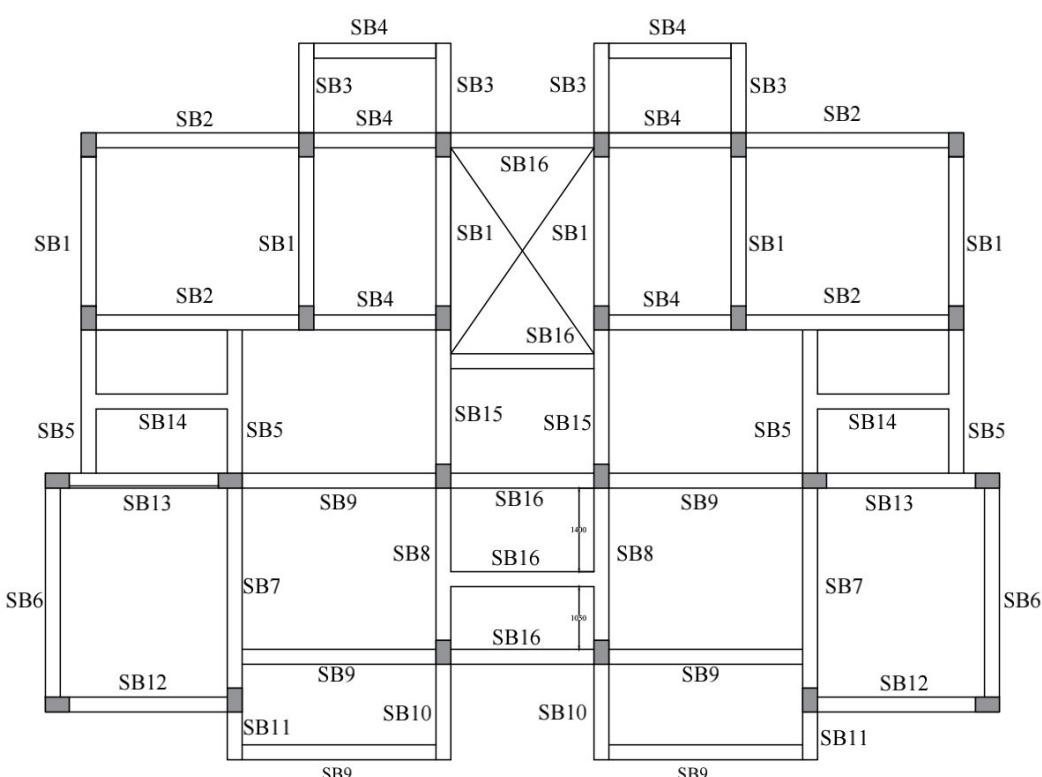
signature of (STRUCTURAL ENGINEER) :
CIVIL GURUJI TECHNOTOWNSHIP
SECTOR 23

Project Title:-	
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Drawing Title:-	LAYOUT PLAN OF FLOOR BEAM & DET. FOR 2BHK
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SCALE	DATE	DRN BY	DRG. NO.	REV.
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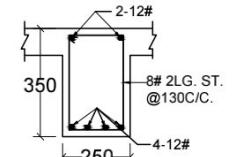
SS/2BHK/AR/04 5



SLAB BEAM LAYOUT

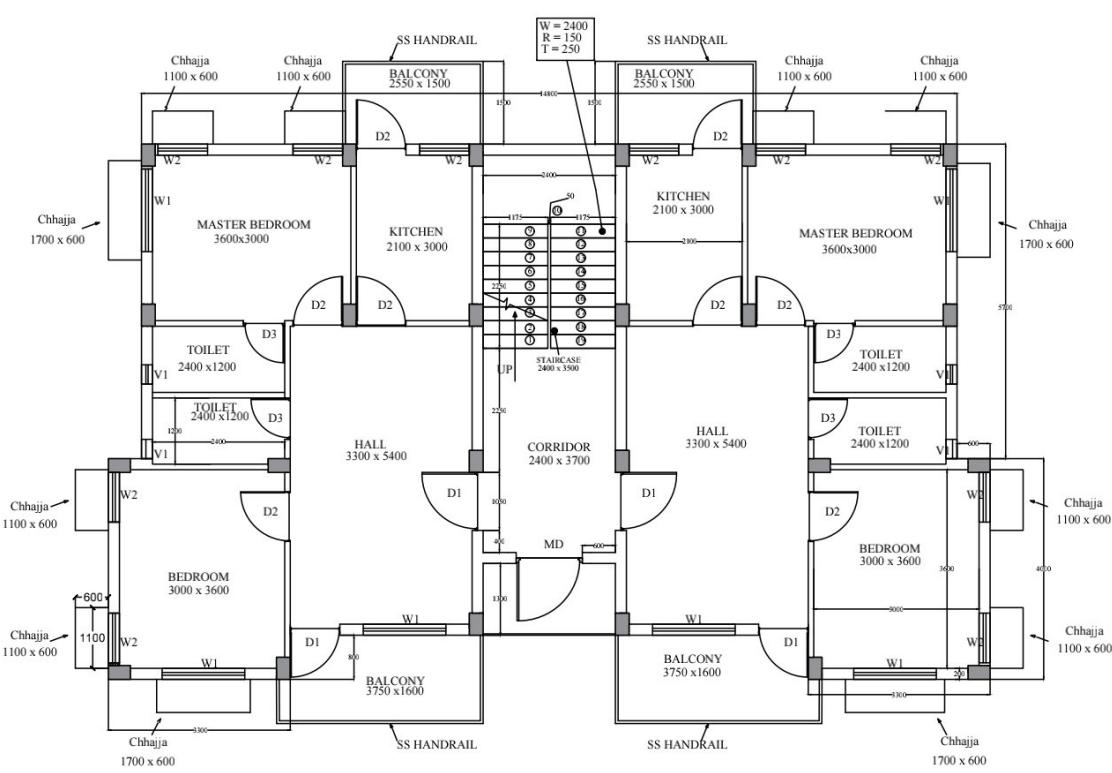
1. THE DRAWING SHALL BE READ IN CONJUNCTION WITH RELEVANT ARCH. DRAWINGS AND SPECIFICATIONS.
2. ALL DIMENSIONS ARE IN MILLIMETER UNLESS OTHERWISE STATED.
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4. DEVIATIONS IF ANY TO THE STRUCTURAL DRAWINGS SHALL BE BROUGHT TO THE NOTICE OF THE STRUCTURAL CONSULTANT BEFORE EXECUTION.
5. GRADE OF R.C.C SHALL BE M-25
6. REINFORCEMENT SHALL BE HIGH STRENGTH DEFORMED BAR OF GRADE Fe:415/500 CONFORMING TO IS:1786-1985.

7. CLEAR COVER TO MAIN REINFORCEMENT
SHALL BE AS FOLLOWS.
COLUMNS = 40mm
FLOOR/ROOF BEAMS = 25mm
SLABS = 20mm



SLAB BEAM SIZE
(250mm X 350mm)

signature	signature
PROJECT CONSULTANT:-	signature of (CREDA)
ARCHITECT:-	signature of (ARCHITECT)
signature of (STRUCTURAL ENGINEER), CIVIL GURUJI TECHNOTOWNSHIP SECTOR 23	
Project Title:-	
Drawing Title:-	LAYOUT PLAN OF FLOOR BEAM & DET. FOR 2BHK
SCALE	DATE
NTS	DRN BY
	DRG. NO.
	REV.
	SS/2BHK/AR/05
	e



FIRST FLOOR PLAN

NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETER UNLESS AND OTHERWISE SPECIFIED
2. DRG SHOULD TO BE SCALED & WRITTEN DIMENSION ARE TO BE FOLLOWED
3. CONSULTANT IF ANY SHALL BE CLARIFIED FROM THE CONSULTANT BEFORE COMMENCEMENT OF WORK
4. ALL DETAILS SPECIFICATION'S SHALL BE AS PER IS CODE OF PRACTICE
5. FOR OTHER DETAILS REFER STRUCTURAL AND OTHER ARCH. DRGS
6. THIS DRAWINGS IS THE SOLE PROPERTY OF M/s THE DESIGN GROUP AND SHOULD NOT BE COPIED IN WHOLE/ PART
7. PROVIDING SLAB HEIGHT 3Mtr

DIMENSION OF ROOMS/HALLS SHALL INCREASE.....

SIZES OF DOORS & WINDOWS IN METER

Sl. No.	Type	Sizes	Sl. Ht.	Lintel Ht.	Descriptions
1	MD	1.20 x 2.1	00	2.10	Single leaf door as/ detail
2	D1	1.05 x 2.1	00	2.10	Single leaf door as/ detail
3	D2	0.6 x 2.1	00	2.10	Single leaf door as/ detail
4	D3	0.75 x 2.1	00	2.10	Single leaf frp door as/ detail
5	V1	1.5 x 1.2	00	2.10	Window as/ detail
6	V2	0.9 x 1.2	00	2.10	Window as/ detail
7	V1	0.35 x 0.35			Ventilator as/detail

1. OUTER WALL 200MM THICK
2. INNER WALL 100MM THICK
3. PROVIDING RATIO OF MOTAR IN BRICK WORK MASONRY 1:4

SIGNATURE:- SIGNATURE:-

PROJECT CONSULTANT :- SIGNATURE:-

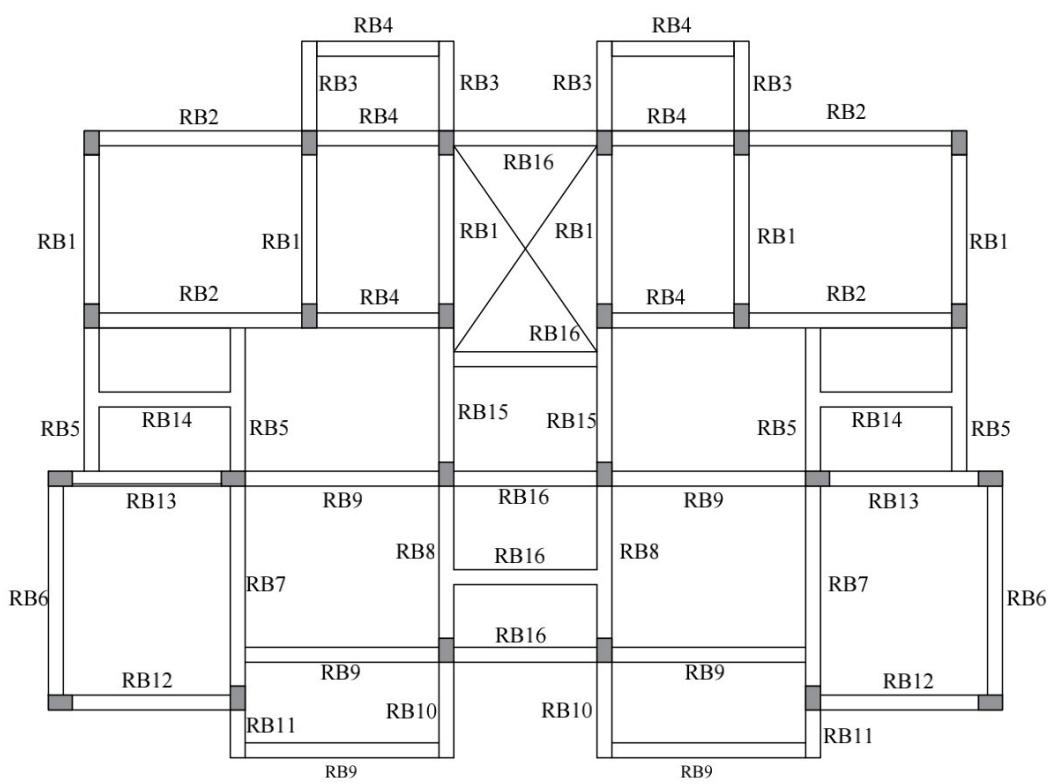
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PROJECT TITLE :-
CIVIL GURUJI TECHNOTOWNSHIP
SECTOR 23

DRAWING TITLE :- GROUND FLOOR PLAN
WORKING DRAWING
(2 BHK)

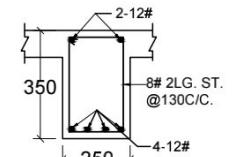
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REVISION:	DATE:	REMARKS:

0 WORKING DRAWING



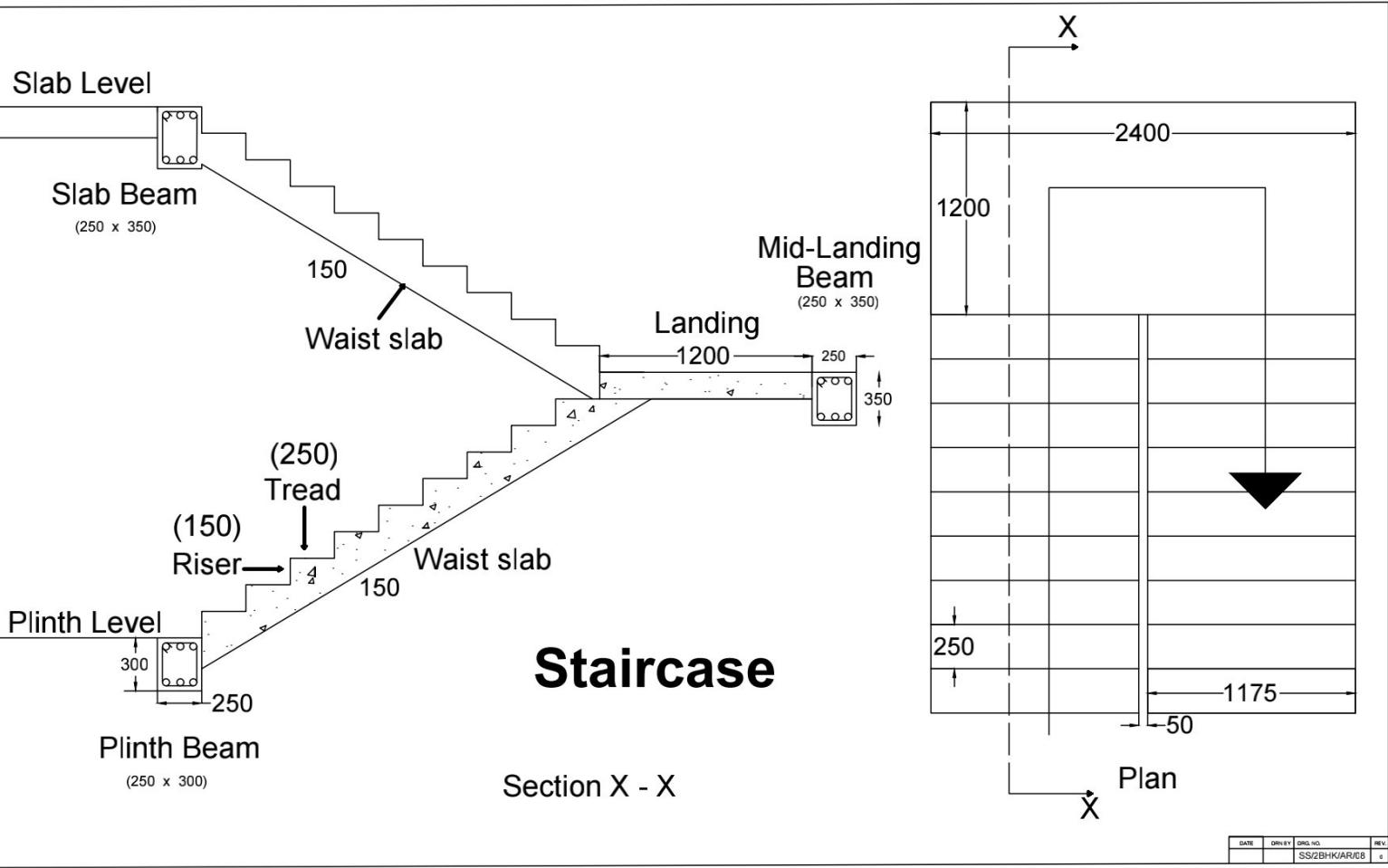
ROOF BEAM LAYOUT PLAN

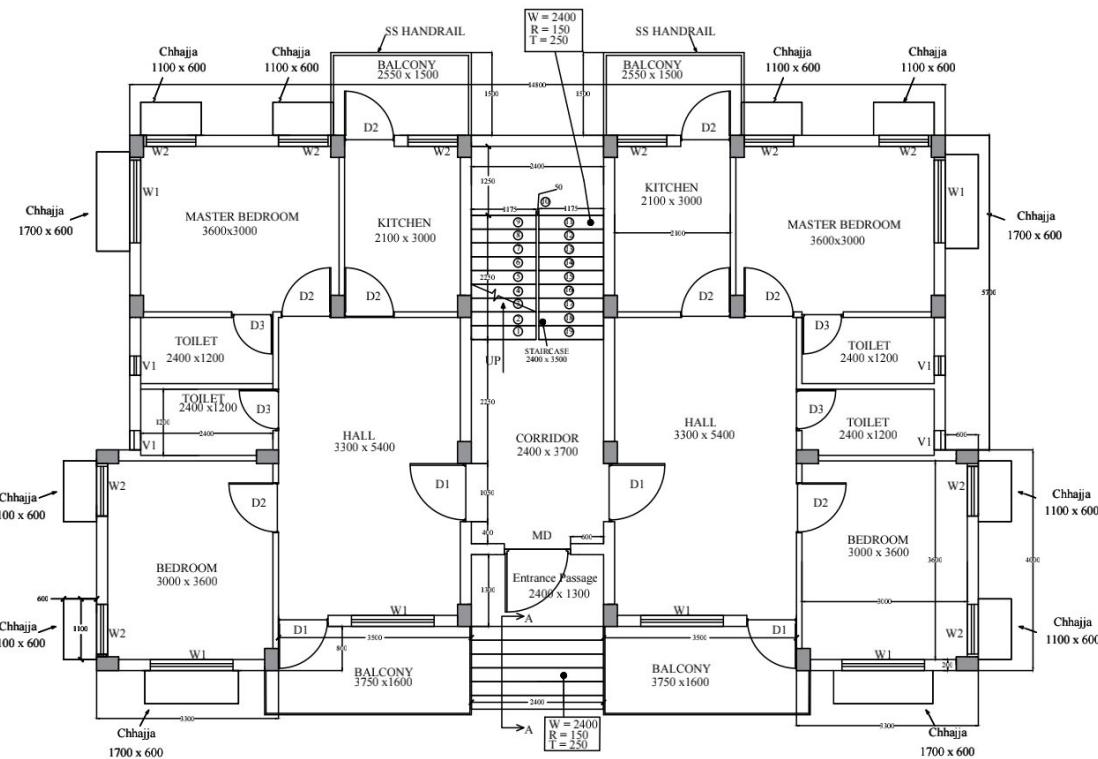
1. THE DRAWING SHALL BE READ IN CONJUNCTION WITH RELEVANT ARCH. DRAWINGS AND SPECIFICATIONS.
 2. ALL DIMENSIONS ARE IN MILLIMETER UNLESS OTHERWISE STATED.
 3. ONLY WRITTEN DIMENSIONS ARE TO BE FOLLOWED & THE DRAWINGS ARE NOT TO BE SCALLED.
 4. DEVIATIONS IF ANY TO THE STRUCTURAL DRAWINGS SHALL BE BROUGHT TO THE NOTICE OF THE STRUCTURAL CONSULTANT BEFORE EXECUTION.
 5. GRADE OF R.C.C SHALL BE M-25
 6. REINFORCEMENT SHALL BE HIGH STRENGTH DEFORMED BAR OF GRADE Fe:415/500 CONFORMING TO IS:1786-1985.
 7. CLEAR COVER TO MAIN REINFORCEMENT SHALL BE AS FOLLOWS .
 COLUMNS = 40mm
 FLOOR/ROOF BEAMS = 25mm
 SLABS = 20mm



SLAB BEAM SIZE
(250mm X 350mm)

signature	signature			
PROJECT CONSULTANT:-	signature of (CREDA)			
ARCHITECT:-	signature of (ARCHITECT)			
<u>signature of (STRUCTURAL ENGINEER).</u>				
CIVIL GURUJI TECHNOTOWNSHIP SECTOR 23				
Project Title:-				
Drawing Title:-	LAYOUT PLAN OF FLOOR BEAM & DET. FOR 2BHK			
SCALE	DATE	DRN BY	DRG. NO.	REV.
			SS/2BHK/AR/07	a





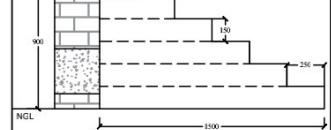
NOTES:

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- THIS DRAWINGS IS THE SOLE PROPERTY OF M/s THE DESIGN GROUP AND SHOULD NOT BE COPIED IN WHOLE/ PART
- PROVIDING SLAB HEIGHT 3MTR

DIMENSION OF ROOMS/HALLS SHALL INCREASE...

SIZES OF DOORS & WINDOWS IN METER

Sl. No.	Type	Sizes	Skt. Ht.	Lintel Ht.	Descriptions
1	MD	1.20 x 2.1	00	2.10	Single leaf door assl detail
2	ø1	1.05 x 2.1	00	2.10	Single leaf door assl detail
3	ø2	0.5 x 2.1	00	2.10	Single leaf door assl detail
4	ø3	0.75 x 2.1	00	2.10	Single leaf trp door assl detail
5	vr	1.5 x 1.2	0.60	2.10	Window assl detail
6	va	0.9 x 1.2	0.50	2.10	Window assl detail
7	vi	0.35 x 0.35			Ventilator assl/detail



SECTION OF ENTRANCE STEP

PROJECT TITLE:-

CIVIL GURUJI TECHNOTOWNSHIP
SECTOR 23

DRAWING TITLE:-

GROUND FLOOR PLAN
WORKING DRAWING
(2 BHK)

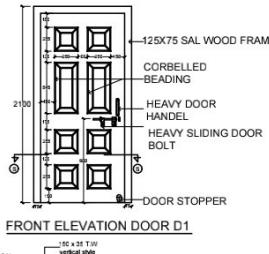
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REVISION: DATE: REMARKS:

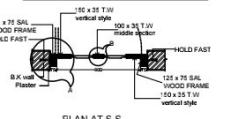
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FLOORING DETAILS OF GROUND & FIRST FLOOR

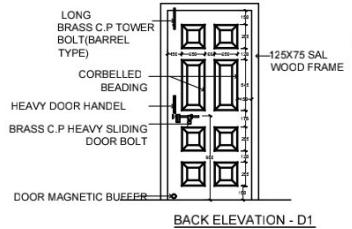
SL. No.	SPACE	FLOORING		DADO		SL. No.	SPACE	FLOORING		DADO	
		SPACIFICATION	MAKE	SPACIFICATION	MAKE			SPACIFICATION	MAKE	SPACIFICATION	MAKE
1.	Front & Rear Balcony	600mm x 600mm Kota Stone Flooring	Kota Stone Skirting upto 150mm High	4.	Entrance Step	Double Piece Granite (1200 x 250)each on Tread	LAKHA RED/ SHAIH RED	Double Piece Granite (1200 x 150)each on Riser	LAKHA RED/ SHAIH RED
2.	Staircase Below, Hall, Bed Room & Corridor, Entrance Passage.	600mm x 600mm Vitrified Flooring Multi Charged Full Body Mat Finish	Sahara Group -IV of Multi Charge	Glossy Vitrified Skirting Up to 150mm High	Sahara Group -IV of Multi Charge	5.	Window Sill & Door Sill (Threshold)	Single Piece Granite Stone	LAKHA RED/ SHAIH RED
3.	Kitchen	600mm x 600mm Vitrified Flooring Multi Charged Full Body Mat Finish	Sahara Group -IV of Multi Charge	(300mm x 300mm) Ceramic Glazed Wall Tile Dado upto 2100mm High	Crystal Peach, Paper Cut edge	6.	Toilet	(300mm x 300mm) Ceramic Glazed Wall Tile Dado upto 2100mm High	Antiskid Tile	(300mm x 300mm) Ceramic Glazed Wall Tile Dado upto 2100mm High	Crystal Peach, Paper Cut edge
						7.	Staircase & Staircase Landing	Single Piece Granite Stone	LAKHA RED/ SHAIH RED	(300mm x 300mm) Ceramic Glazed Wall Tile Dado upto 900mm High	Crystal Peach, Paper Cut edge



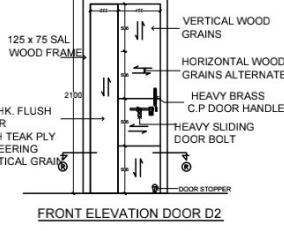
FRONT ELEVATION DOOR D1



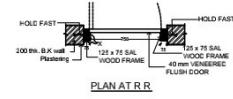
PLAN AT S.S.



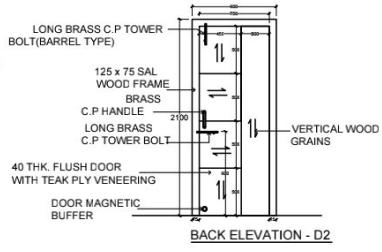
BACK ELEVATION - D1



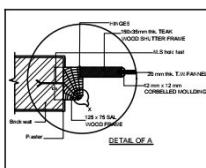
FRONT ELEVATION DOOR D2



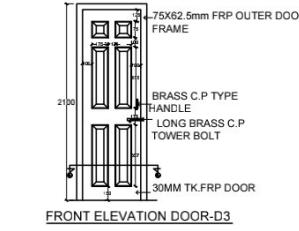
PLAN AT R.R.



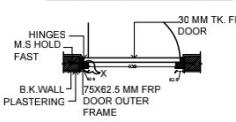
BACK ELEVATION - D2



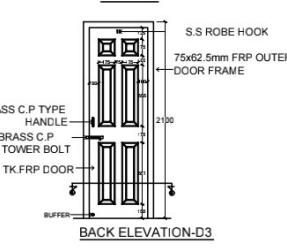
FRONT ELEVATION DOOR MD



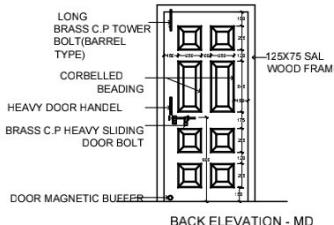
FRONT ELEVATION DOOR-D3



PLAN AT 4-4



BACK ELEVATION-D3



BACK ELEVATION - MD

NOTES:

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- ALL DETAILS SPECIFICATION & SHALL BE AS PER IS CODE OF PRACTICE
- FOR OTHER DETAILS REFER STRUCTURAL AND OTHER ARCH. DRGS

SIZES OF DOORS & WINDOWS IN METER

Sl No	Type	Sizes	Sill Ht	I.Med	Descriptions
1	eo	1.05 x 2.1	00	2.10	Single leaf door and detail
2	eo	0.9 x 2.1	00	2.10	Single leaf flush door and detail
3	eo	0.75 x 2.1	00	2.10	Single leaf tg door and detail
4	eo	1.2 x 2.1	00	2.10	Single leaf Panel door and detail

SIGNATURE:- SIGNATURE:-

PROJECT CONSULTANT:- SIGNATURE:-

ARCHITECT:- SIGNATURE:-

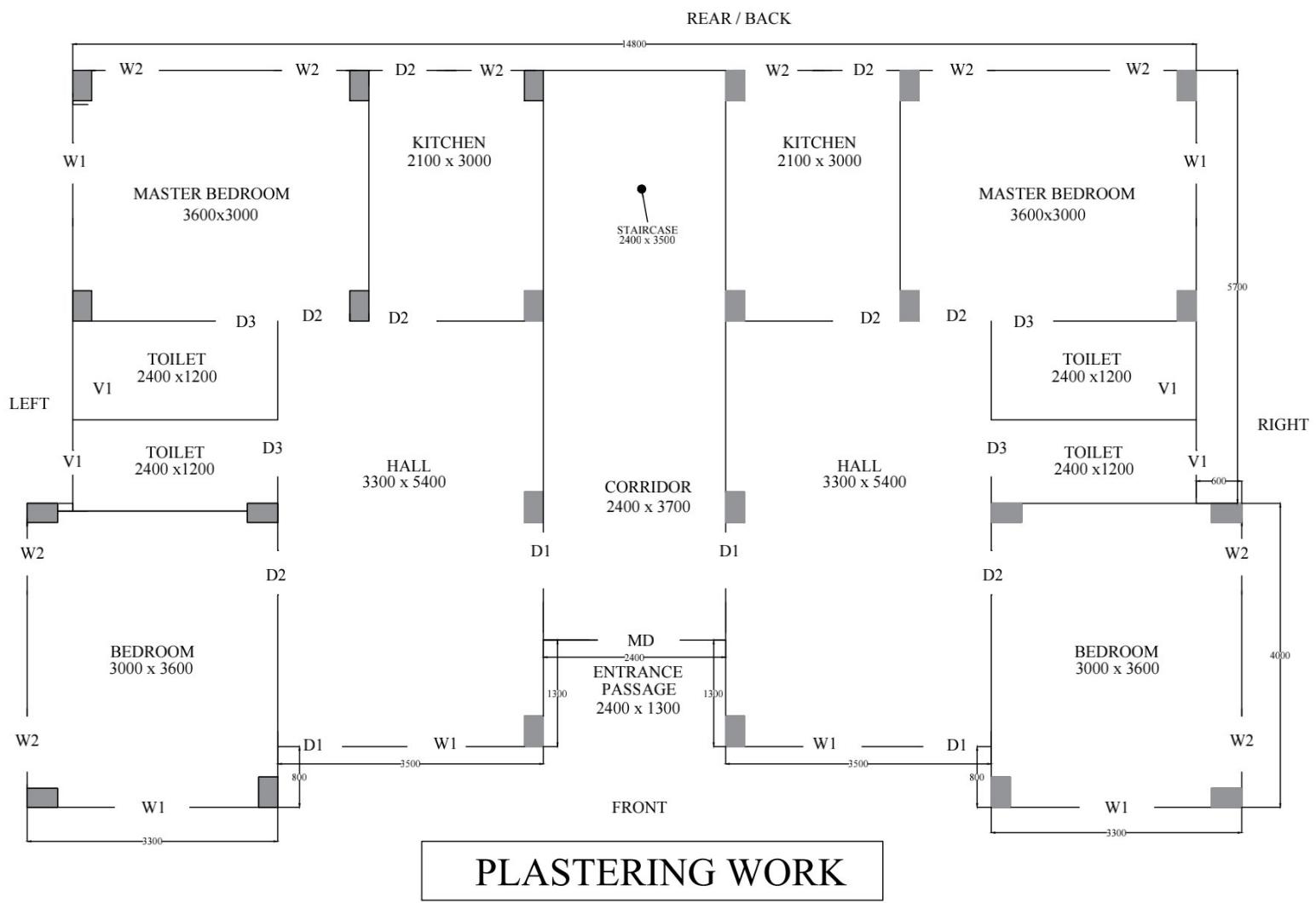
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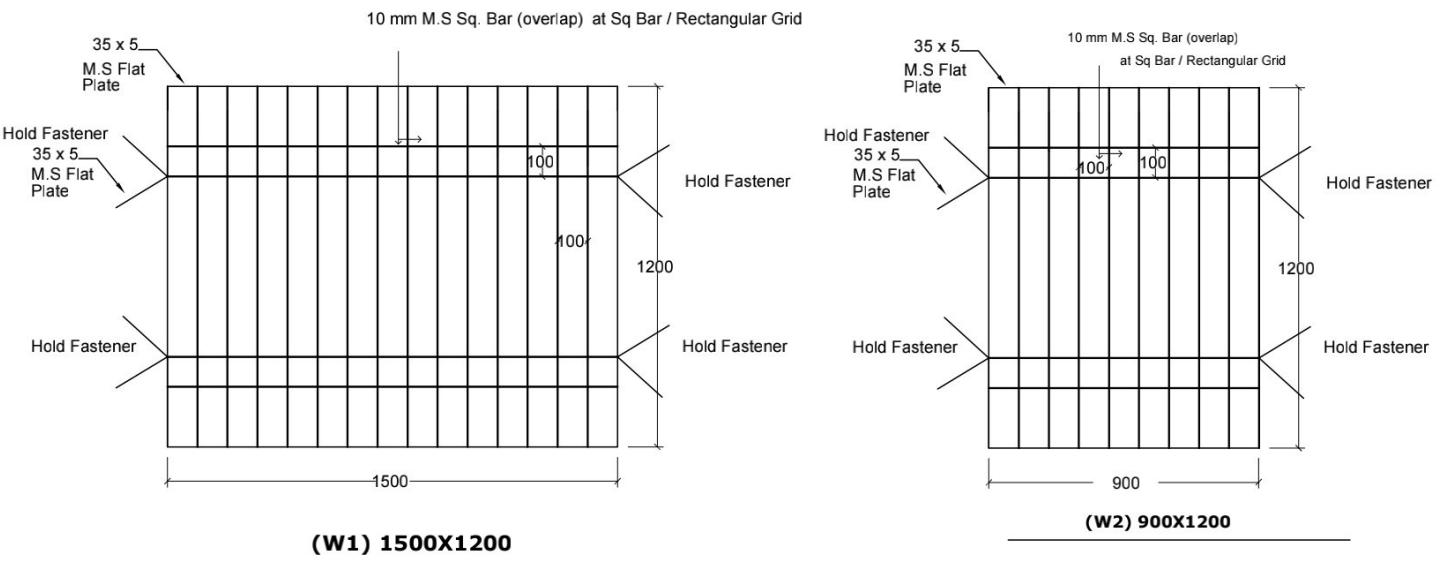
DRAWING TITLE:- DOOR DETAILS CARPENTRY DRAWING OF 2 BHK

SCALE DUL BY: 1:50 LA DRAWING NO:

REVISION: DATE: REMARKS:

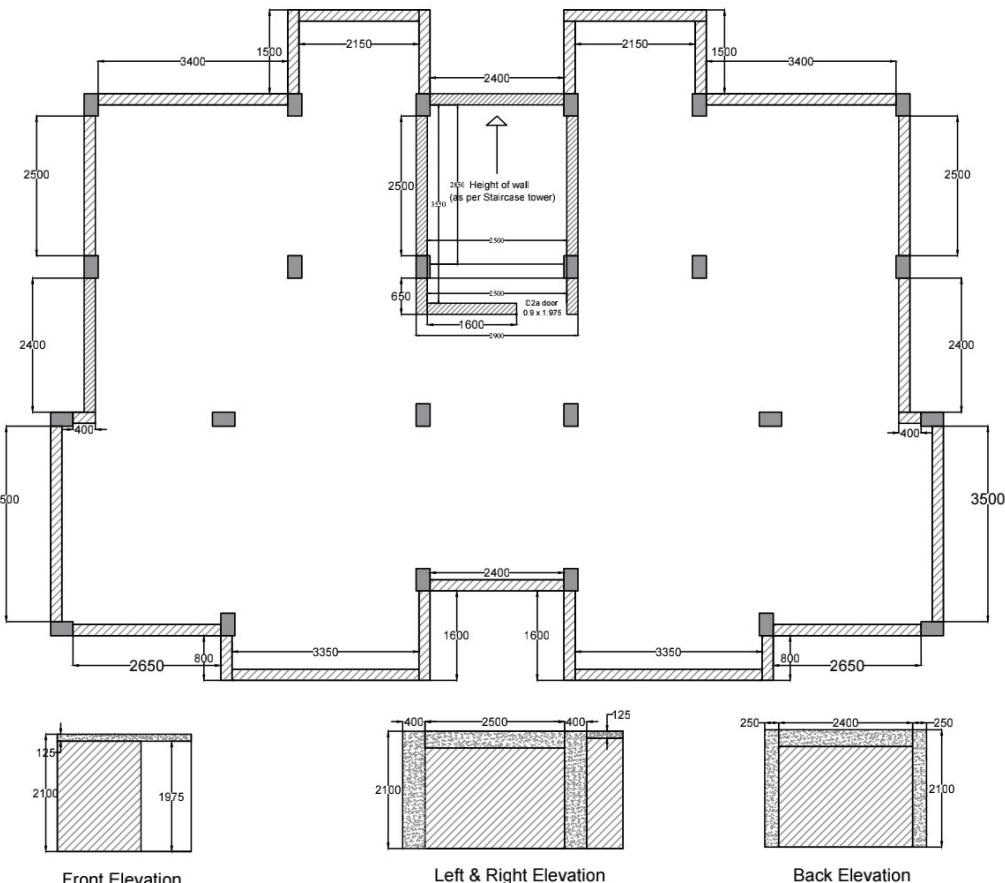
WORKING DRAWING





SIZES OF WINDOWS & VENTILATOR IN METER

Type	Sizes	Sill Ht.	Lintel Ht.	Descriptions
W1	1.5 x 1.2	0.90	2.10	Window as/ detail
W2	0.9 x 1.2	0.90	2.10	Window as/ detail
V1	0.35x 0.35	----	----	Ventilator as/detail

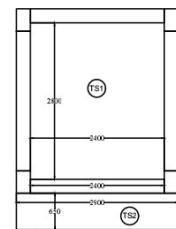


NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETER UNLESS AND OTHERWISE SPECIFIED
 2. DRG SHOULD TO BE SCALED & WRITTEN DIMENSION ARE TO BE FOLLOWED
 3. DISCREPANCY IF ANY SHALL BE CLARIFIED FROM THE CONSULTANT BEFORE COMMENCEMENT OF WORK.
 4. ALL DETAILS SPECIFICATION S SHALL BE AS PER IS CODE OF PRACTICE
 5. FOR OTHER DETAILS REFER STRUCTRAL AND OTHER ARCH . DRGS
 6. PROVIDING SLAB HEIGHT 3000 mm
 7. N.G.L TO PLINTH LEVEL HEIGHT IS 900 mm
 8. SIZE OF BEAM = 250 mm x 300 mm

Wall Size :

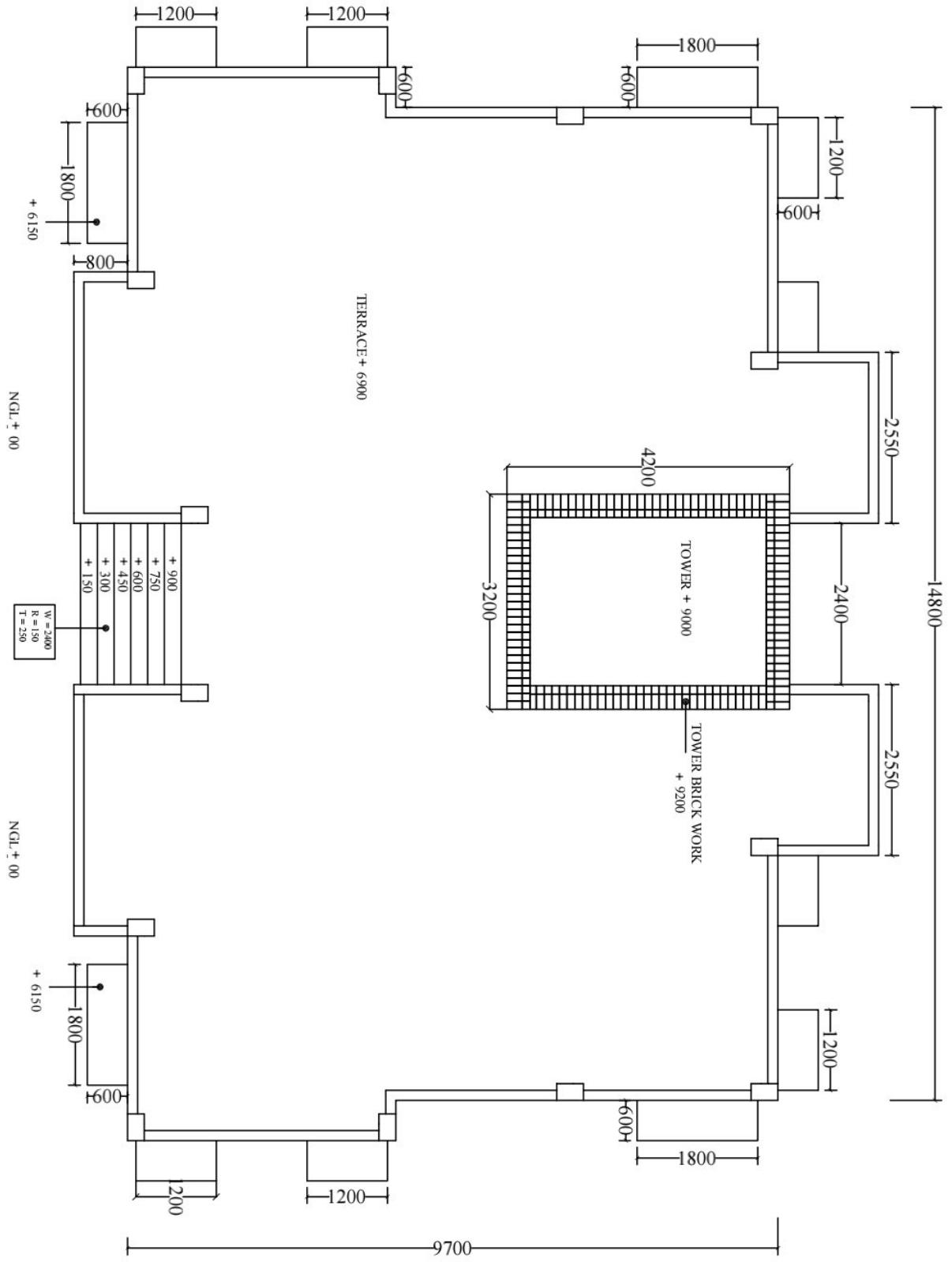
1. Wall Width 200 mm
 2. Parapet wall Height 1000 mm
 3. Staircase tower height at 2100 mm

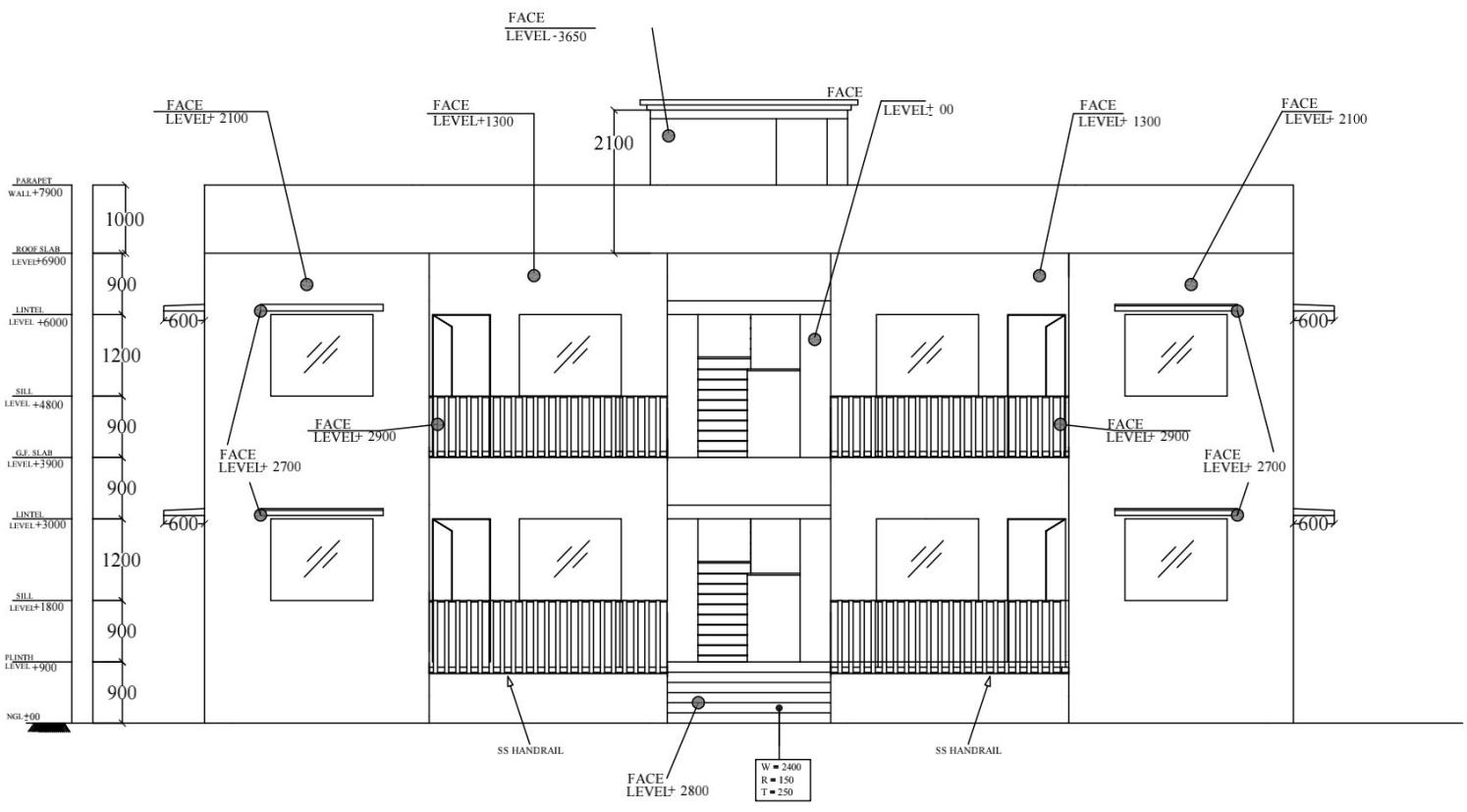


Plan

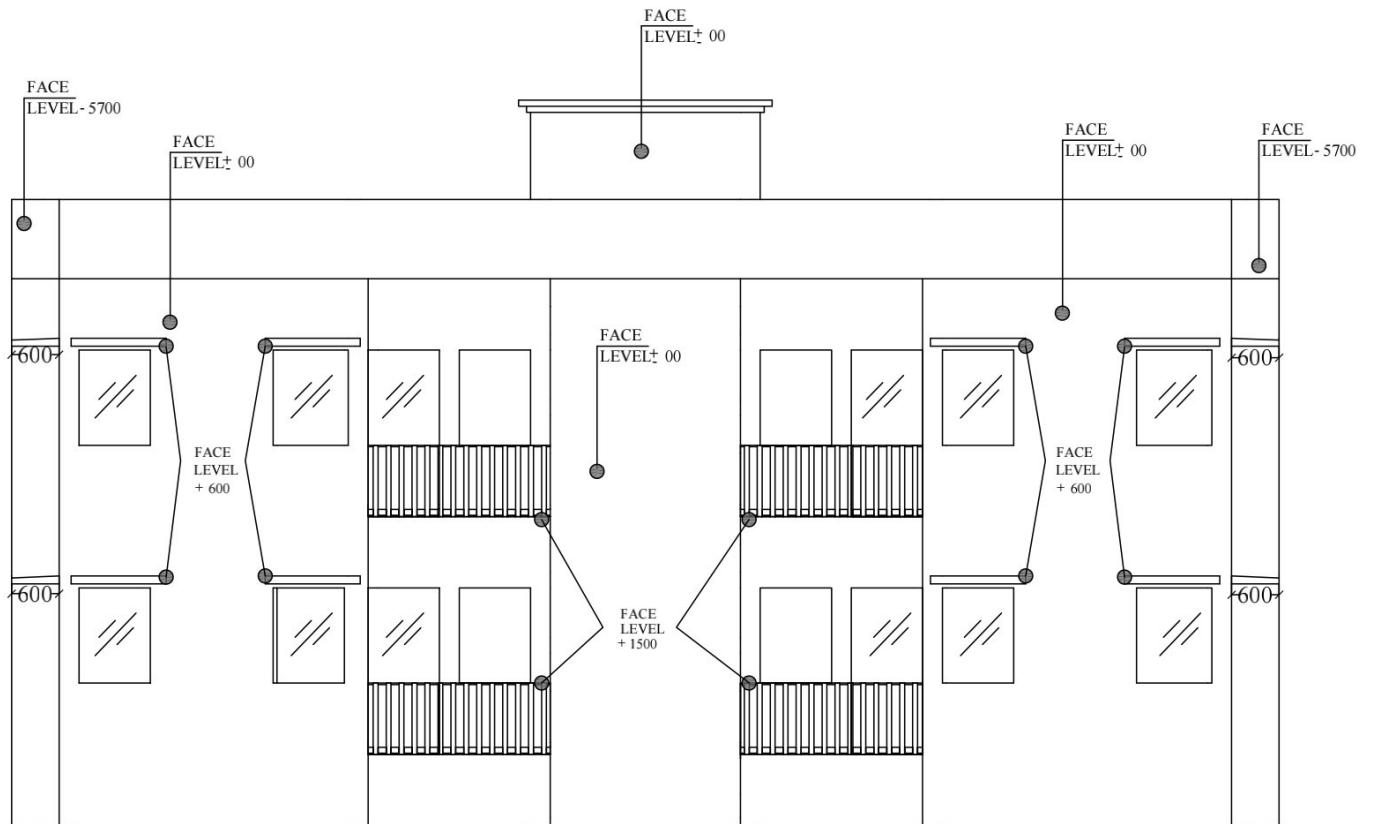
PARAPET WALL & ST. TOWER PLAN

TOP VIEW PLAN





FRONT ELEVATION



BACK SIDE ELEVATION

Bill of Quantity						
Name of Work		Police School Staff Quarter				
Enigneer's Name		Er. Satendra Bharti				
Tender Amount		₹ 22,90,40,233.79				
S.No.	Code No.	Description Of Work	Quantity	Units	Rate	Amounts (In RS.)
1		EARTHWORK				
	2.28	Surface dressing of the ground including removing vegetation and inequalities not exceeding 15 cm deep and disposal of rubbish, lead up to 50 m and lift up to 1.5 m.				
	2.28.1	All kinds of soil	287.10	Sqm	34.15	₹ 9,804.47
	2.8	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan), including dressing of sides and ramming of bottoms, lift upto 1.5 m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m.				
	2.8.1	All kinds of soil.	191.16	Cum	260.30	₹ 49,758.95
	2.27	Supplying and filling in plinth with sand under floors, including watering, ramming, consolidating and dressing complete.	112.74	Cum	2123.75	₹ 2,39,423.08
	2.25	Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20cm in depth, consolidating each deposited layer by ramming and watering, lead up to 50 m and lift upto 1.5 m.	142.44	Cum	196.00	₹ 27,917.44
2		CEMENT & CONCRETE WORK				
	4.1	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level :				
	4.1.4	1:2:4 (1 Cement : 2 coarse sand (zone-III) derived from natural sources : 4 graded stone aggregate 40 mm nominal size derived from natural sources)	12.50	Cum	7780.30	₹ 97,245.97
	4.1.6	1:3:6 (1 Cement : 3 coarse sand (zone-III) derived from natural sources : 6 graded stone aggregate 40 mm nominal size derived from natural sources)	12.74	Cum	7178.75	₹ 91,485.99
	4.11	Providing and laying damp-proof course 50mm thick with cement concrete 1:2:4 (1 cement : 2 coarse sand (zone-III) derived from natural sources : 4 graded stone aggregate 20mm nominal size derived from natural sources).	57.42	Sqm	495.75	₹ 28,463.49

	4.13	Providing & applying a coat of residual petroleum bitumen of grade of VG-10 of approved quality using 1.7kg per square metre on damp proof course after cleaning the surface with brushes and finally with a piece of cloth lightly soaked in kerosene oil	30.98	Sqm	146.15	₹	4,527.00
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REINFORCED CEMENT & CONCRETE							
	5.33	Providing and laying in position ready mixed or site batched design mix cement concrete for reinforced cement concrete work; using coarse aggregate and fine aggregate derived from natural sources, Portland Pozzolana / Ordinary Portland /Portland Slag cement, admixtures in recommended proportions as per IS: 9103 to accelerate / retard setting of concrete, to improve durability and workability without impairing strength; including pumping of concrete to site of laying, curing, carriage for all leads; but excluding the cost of centering, shuttering, finishing and reinforcement as per direction of the engineer-in-charge; for the following grades of concrete. Note: Extra cement up to 10% of the minimum specified cement content in design mix shall be payable separately. In case the cement content in design mix is more than					
	5.33.1	All works upto plinth level					
	5.33.1.1	Concrete of M25 grade with minimum cement content of 330 kg /cum	35.72	Cum	9504.75	₹	3,39,543.81
	5.33.2	All works above plinth level upto floor V leve					
	5.33.2.1	Concrete of M25 grade with minimum cement content of 330 kg /cum	85.47	Cum	9860.40	₹	8,42,730.79
	5.22	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth level.					
	5.22.6	Thermo-Mechanically Treated bars of grade Fe-500D or more.	3929.60	KG	107.85	₹	4,23,806.83
	5.22.A	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete above plinth level.					
	5.22.A.6	Thermo-Mechanically Treated bars of grade Fe-500D or more	9401.28	KG	107.85	₹	10,13,928.11
FORMWORK							
	5.9	Centering and shuttering including strutting, propping etc. and removal of form for					
	5.9.1	Foundations, footings, bases of columns, etc. for mass concrete	67.52	Sqm	392.15	₹	26,477.97
	5.9.3	Suspended floors, roofs, landings, balconies and access platform	249.03	Sqm	927.25	₹	2,30,913.07
	5.9.5	Lintels, beams, plinth beams, girders, bressumers and cantilevers	409.75	Sqm	736.40	₹	3,01,739.90

	5.9.6	Columns, Pillars, Piers, Abutments, Posts and Struts	244.40	Sqm	961.30	₹ 2,34,941.72
	5.9.7	Stairs, (excluding landings) except spiral-staircase	29.14	Sqm	764.95	₹ 22,290.26
	5.9.19	Weather shade, Chajjas, corbels etc., including	25.08	Sqm	951.10	₹ 23,853.59
5	MASONARY WORK					
	6.2	Brick work with common burnt clay modular bricks of class designation 7.5 in foundation and plinth in:				
	6.2.1	Cement mortar 1:4 (1 cement : 4 coarse sand)	19.44	Cum	6504.90	₹ 1,26,479.65
	6.3	Brick work with common burnt clay machine moulded perforated bricks of class designation 12.5 conforming to IS: 2222 in superstructure above plinth level up to floor five level in cement mortar 1:6 (1 cement : 6 coarse sand)				
	6.3.2	With Modular bricks	54.12	Cum	8942.35	₹ 4,83,955.51
	6.13	Half brick masonry with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in superstructure above plinth level up to floor V level.				
	6.13.2	Cement mortar 1:4 (1 cement : 4 coarse sand)	138.36	Cum	1123.80	₹ 1,55,488.97
6	PLASTER WORK					
	13.1	12 mm cement plaster of mix :				
	13.1.1	1:4 (1 cement: 4 fine sand)	565.50	Sqm	347.05	₹ 1,96,256.34
	13.2	15 mm cement plaster on the rough side of single or half brick wall of mix :				
	13.2.1	1:4 (1 cement: 4 fine sand)	777.81	Sqm	399.45	₹ 3,10,696.70
	13.16	6 mm cement plaster of mix :				
	13.16.1	1:3 (1 cement : 3 fine sand)	342.46	Sqm	300.45	₹ 1,02,890.91
7	FLOORING WORK					
	8.3	Providing edge moulding to 18 mm thick marble stone counters, Vanities etc., including machine polishing to edge to give high gloss finish etc. complete as per design approved by Engineer-in-Charge.				
	8.3.2	Granite work (Nosing)	56.70	RM	510.95	₹ 28,970.87
	11.26	Kota stone slab flooring over 20 mm (average) thick base laid over and jointed with grey cement slurry mixed with pigment to match the shade of the slab, including rubbing and polishing complete with base of cement mortar 1 : 4 (1 cement : 4 coarse sand) :				
	11.26.1	25 mm thick	39.30	Sqm	1948.25	₹ 76,566.23
	11.27	Kota stone slabs 20 mm thick in risers of steps, skirting, dado and pillars laid on 12 mm (average) thick cement mortar 1:3 (1 cement: 3 coarse sand) and jointed with grey cement slurry mixed with pigment to match the shade of the slabs, including rubbing and polishing complete.	3.09	Sqm	2354.70	₹ 7,276.02

	11.37	Providing and laying Ceramic glazed floor tiles of size 300x300 mm (thickness to be specified by the manufacturer) of 1st quality conforming to IS : 15622 of approved make in colours such as White, Ivory, Grey, Fume Red Brown, laid on 20 mm thick cement mortar 1:4 (1 Cement : 4 Coarse sand), Jointing with grey cement slurry @ 3.3 kg/sqm including pointing the joints with white cement and matching pigment etc., complete.	23.04	Sqm	1096.55	₹	25,264.51
	11.37A	Providing and fixing 1st quality ceramic glazed floor tiles conforming to IS : 15622 (thickness to be specified by the manufacturer) of approved make in all colours, shades except burgundy, bottle green, black of any size as approved by Engineer-in-Charge in skirting, risers of steps and dados over 12 mm thick bed of cement Mortar 1:3 (1 cement: 3 coarse sand) and jointing with grey cement slurry @ 3.3kg per sqm including pointing in white cement mixed with pigment of matching shade complete.	191.52	Sqm	1112.70	₹	2,13,104.30
	11.41	Providing and laying vitrified floor tiles in different sizes (thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS: 15622, of approved make, in all colours and shades, laid on 20mm thick cement mortar 1:4 (1 cement : 4 coarse sand), jointing with grey cement slurry @ 3.3 kg/ sqm including grouting the joints with white cement and matching pigments etc., complete.					
	11.41.2	Size of Tile 600x600 mm	215.28	Sqm	1553.45	₹	3,34,426.72
	11.46	Providing and laying Vitrified tiles in different sizes (thickness to be specified by manufacturer), with water absorption less than 0.08 % and conforming to I.S. 15622, of approved make, in all colours & shade, in skirting, riser of steps, over 12 mm thick bed of cement mortar 1:3 (1 cement: 3 coarse sand), jointing with grey cement slurry @ 3.3 kg/ sqm including grouting the joint with white cement & matching pigments etc. complete.					
	11.46.2	Size of Tile 600x600 mm	25.92	Sqm	1623.05	₹	42,069.46

	11.56	Providing and laying Polished Granite stone flooring in required design and patterns, in linear as well as curvilinear portions of the building all complete as per the architectural drawings with 18 mm thick stone slab over 20 mm (average) thick base of cement mortar 1:4 (1 cement : 4 coarse sand) laid and jointed with cement slurry and pointing with white cement slurry admixed with pigment of matching shade including rubbing, curing and polishing etc. all complete as specified and as directed by the Engineer-in-Charge.				
	11.56.1	Polished Granite stone slab colour of Black, Cherry/Ruby Red or equivalent	42.56	Sqm	4481.30	₹ 1,90,735.33
8	PAINTING WORK					
	13.26	Providing and applying plaster of paris putty of 2 mm thickness over plastered surface to prepare the surface even and smooth complete.	1142.26	Sqm	262.70	₹ 3,00,072.69
	13.37	White washing with lime to give an even shade :				
	13.37.1	New work (three or more coats)	1685.78	Sqm	39.05	₹ 65,829.71
	13.41	Distempering with oil bound washable distemper of approved brand and manufacture to give an even shade :				
	13.41.1	New work (two or more coats) over and including water thinnable priming coat with cement primer	1142.26	Sqm	185.65	₹ 2,12,061.27
	13.46	Finishing walls with Acrylic Smooth exterior paint of required shade :				
	13.46.1	New work (Two or more coat applied @ 1.67 ltr/10 sqm over and including priming coat of exterior primer applied @ 2.20 kg/10 sqm)	543.52	Sqm	160.60	₹ 87,288.71
9	WOOD & P.V.C WORK					
	9.1	Providing wood work in frames of doors, windows, clerestory windows and other frames, wrought framed and fixed in position with hold fast lugs or with dash fasteners of required dia & length (hold fast lugs or dash fastener shall be paid for separately).				
	9.1.2	Sal wood	1.31	Cum	116520.30	₹ 1,52,113.61
	9.5	Providing and fixing panelled or panelled and glazed shutters for doors, windows and clerestory windows, fixing with butt hinges of required size with necessary screws, excluding panelling which will be paid for separately, all complete as per direction of Engineer-in-charge. (Note:- Butt hinges and necessary screws shall be paid separately)				
	9.5.1	Second class teak wood				
	9.5.1.1	35 mm thick shutters	18.83	Sqm	4111.95	₹ 77,438.30

	9.6	Providing and fixing 35 mm thick factory made laminated veneer lumber door shutter conforming to IS : 14616 and TADS 15:2001 (Part B), fixing with butt hinges of required size with necessary screws, all complete as per directions of Engineer- in-charge and panelling with panels of : (Note:- Butt hinges and necessary screws shall be paid separately)					
	9.6.3	12 mm thick one side Pre-laminated particle board (decorative lamination on one side and other sides balancing lamination) grade -1, medium density flat pressed, three layer particle board FPT - I or graded wood particle board FPT-1 conforming to IS : 3087 bonded with BWP type synthetic resin adhesive as per IS : 848 and pre-laminated conforming to IS : 12823, Grade -1, Type II marked :	25.73	Sqm	3450.30	₹	88,758.97
	9.55	Providing and fixing ISI marked M.S. pressed butt hinges bright finished with necessary screws etc. complete					
	9.55.2	100x58x1.90 mm	105.00	Each	45.00	₹	4,725.00
	9.62	Providing and fixing ISI marked oxidised M.S. sliding door bolts with nuts and screws etc. complete :					
	9.62.1	300x16 mm	37.00	Each	216.55	₹	8,012.35
	9.63	Providing and fixing ISI marked oxidised M.S. tower bolt black finish, (Barrel type) with necessary screws etc. complete :					
	9.63.1	250x10 mm	59.00	Each	83.90	₹	4,950.10
	9.66	Providing and fixing ISI marked oxidised M.S. handles conforming to IS:4992 with necessary screws etc. complete					
	9.66.1	125 mm	70.00	Each	39.95	₹	2,796.50
	9.82	Providing and fixing bright finished brass hanging type floor door stopper with necessary screws, etc. complete.	27.00	Each	121.65	₹	3,284.55
	9.121	Providing and fixing Fiber Glass Reinforced plastic (FRP) Door Frames of cross-section 90 mm x 45 mm having single rebate of 32 mm x 15 mm to receive shutter of 30 mm thickness. The laminate shall be moulded with fire resistant grade unsaturated polyester resin and chopped mat. Door frame laminate shall be 2mm thick and shall be filled with suitable wooden block in all the three legs. The frame shall be covered with fiber glass from all sides. M.S. stay shall be provided at the bottom to steady the frame	39.60	Sqm	570.95	₹	22,609.62
	9.114	Providing and fixing magnetic catcher of approved quality in cupboard / ward robe shutters, including fixing with necessary screws etc. complete.					

	9.114.2	Double strip (horizontal type)	34.00	Each	39.70	₹	1,349.80
	9.122	Providing and fixing to existing door frames					
	9.122.1	30 mm thick Glass Fibre Reinforced Plastic (FRP) panelled door shutter of required colour and approved brand and manufacture, made with fire - retardant grade unsaturated polyester resin, moulded to 3 mm thick FRP laminate for forming hollow rails and styles, with wooden frame and suitable blocks of seasoned wood inside at required places for fixing of fittings, cast monolithically with 5 mm thick FRP laminate for panels conforming to IS: 14856, including fixing to frames	10.19	Sqm	3720.75	₹	37,905.14
10	STEEL & ALUMINUM WORK						
	10.29	Providing & fixing fly proof wire gauze to windows, clerestory windows & doors with M.S. Flat 15x3 mm and nuts & bolts complete.					
	10.29.1	Galvanised M.S. Wire gauze with 0.63 mm dia wire and 1.4 mm aperture on both sides	21.60	Sqm	844.70	₹	18,245.52
	10.30	Providing & fixing glass panes with putty and glazing clips in steel doors, windows, clerestory windows, all complete with :					
	10.30.1	4.0 mm thick glass panes	43.20	Sqm	1064.65	₹	45,992.88
	10.31	Providing and fixing angle iron frames for doors, windows and ventilators of mild steel Angle sections of size 35x35x5 mm, joints mitred and welded by angle iron 35x35x5 mm or 35x 5 mm flat pieces to the existing T-iron frame or to the wall with dash fastener, including fixing of necessary butt hinges and screws and applying a priming coat of approved steel primer, all complete as per the direction of Engineer-In-charge.	690.17	KG	130.50	₹	90,067.45
	21.1	Providing and fixing aluminium work for doors, windows, ventilators and partitions with extruded built up standard tubular sections/ appropriate Z sections and other sections of approved make conforming to IS: 733 and IS: 1285, fixing with dash fasteners of required dia and size, including necessary filling up the gaps at junctions, i.e. at top, bottom and sides with required EPDM rubber/ neoprene gasket etc. Aluminium sections shall be smooth, rust free, straight, mitred and jointed mechanically wherever required including cleat angle, Aluminium snap beading for glazing / paneling, C.P. brass / stainless steel screws, all complete as per architectural drawings and the directions of Engineer-in-charge. (Glazing, paneling and dash fasteners to be paid for separately) :					
	21.1.1	For fixed portion					

	21.1.1.1	Anodised aluminium (anodised transparent or dyed to required shade according to IS: 1868, Minimum anodic coating of grade AC 15)	131.47	KG	495.05	₹	65,085.21
	21.1.2	For shutters of doors, windows & ventilators including providing and fixing hinges/ pivots and making provision for fixing of fittings wherever required including the cost of EPDM rubber / neoprene gasket required (Fittings shall be paid for separately)					
	21.1.2.1	Anodised aluminium (anodised transparent or dyed to required shade according to IS: 1868, Minimum anodic coating of grade AC 15)	183.16	KG	598.60	₹	1,09,642.21
PLUMBING WORK							
	17.3	Providing and fixing white vitreous china pedestal type water closet (European type) with seat and lid, 10 litre low level white vitreous china flushing cistern & C.P. flush bend with fittings & C.I. brackets, 40 mm flush bend, overflow arrangement with specials of standard make and mosquito proof coupling of approved municipal design complete, including painting of fittings and brackets, cutting and making good the walls and floors wherever required :					
	17.3.1	W.C. pan with ISI marked white solid plastic seat	8	Each	8006.60	₹	64,052.80
	17.7	Providing and fixing wash basin with C.I. brackets, 15 mm C.P. brass pillar taps, 32 mm C.P. brass waste of standard pattern, including painting of fittings and brackets, cutting and making good the walls wherever required:					
	17.7.1	White Vitreous China Wash basin size 630x450 mm with a pair of 15 mm C.P. brass pillar taps	12	Each	2648.85	₹	31,786.20
	17.9	Providing and fixing kitchen sink with C.I. brackets, C.P. brass chain with rubber plug, 40 mm C.P. brass waste complete, including painting the fittings and brackets, cutting and making good the walls wherever required:					
	17.9.1	White glazed fire clay kitchen sink of size 600x450x 250 mm	4	Each	3892.75	₹	15,571.00
	17.16A	Providing and fixing 8 mm dia C.P. / S.S. Jet with flexible tube upto 1 metre long with S.S. triangular plate to European type W.C. of quality and make as approved by Engineer - in charge.	8	Each	349.15	₹	2,793.20
	17.22B	Providing and fixing CP Brass Single lever telephonic wall mixer of quality & make as approved by Engineer in charge.	8	Each	6940.75	₹	55,526.00

	17.28	Providing and fixing P.V.C. waste pipe for sink or wash basin including P.V.C. waste fittings complete.				
	17.28.2	Flexible pipe				
	17.28.2.1	32 mm dia	16	Each	119.55	₹ 1,912.80
	18.6A	Providing and fixing PPR Unions				
	18.6A.4	PPR Union 40mm	6	Each	543.10	₹ 3,258.60
	18.7	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and testing of joints complete as per direction of Engineer in Charge.				
	18.7.5	40 mm nominal dia Pipes	73	LENGT	702.95	₹ 51,315.35
	18.8	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, i/c fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete as per direction of Engineer in Charge.				
	18.8.2	20 mm nominal dia Pipes	80	LENGT	537.60	₹ 43,008.00
	18.8.3	25 mm nominal dia Pipes	5	LENGT	627.25	₹ 3,136.25
	18.9	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply including all CPVC plain & brass threaded fittings This includes jointing of pipes & fittings with one step CPVC solvent cement, trenching, refilling & testing of joints complete as per direction of Engineer in Charge.				
	18.9.6	50 mm nominal dia Pipes	67	LENGT	794.25	₹ 53,214.75
	18.9.8	80 mm nominal dia Pipes	160	METER	2166.35	₹ 3,46,616.00
	18.19	Providing and fixing gun metal non- return valve of approved quality (screwed end) :				
	18.19.3	40 mm nominal bore				
	18.19.3.1	Horizontal	6	Each	952.60	₹ 5,715.60
	18.21	Providing and fixing uplasticised PVC connection pipe with brass unions :				
	18.21.1	30 cm length				
	18.21.1.1	15 mm nominal bore	40	Each	85.00	₹ 3,400.00
	18.22	Providing and fixing C.P. brass shower rose with 15 or 20 mm inlet :				
	18.22.1	100 mm diameter	8	Each	193.95	₹ 1,551.60

	18.30	Providing flanged joints to double flanged C.I./ D.I. pipes and specials, including testing of joints :				
	18.30.1	80 mm diameter pipe	2	Each	215.10	₹ 430.20
	18.48	Providing and placing on terrace (at all floor levels) polyethylene water storage tank, IS : 12701 marked, with cover and suitable locking arrangement and making necessary holes for inlet, outlet and overflow pipes but without fittings and the base support for tank.	4000	LITER	11.00	₹ 44,000.00
	18.49	Providing and fixing C.P. brass bib cock of approved quality conforming to IS:8931 :				
	18.49.1	15 mm nominal bore	24	Each	506.80	₹ 12,163.20
	18.53	Providing and fixing C.P. brass angle valve for basin mixer and geyser points of approved quality conforming to IS:8931				
	18.53.1	15mm nominal bore	44	Each	574.30	₹ 25,269.20
	18.56	Providing and fixing PTMT pillar cock of approved quality and colour.				
	18.56.1	15 mm nominal bore, 107 mm long, weighing not less than 110 gms	20	Each	208.45	₹ 4,169.00
	18.58	Providing and fixing PTMT grating of approved quality and colour				
	18.58.1	Circular type				
	18.58.1.1	100 mm nominal dia	28	Each	37.60	₹ 1,052.80
	TOTAL AMOUNT					₹ 84,71,206.06
	Adding 5% Electrification Work					₹ 4,23,560.30
	Total Cost of the Project					₹ 88,94,766.36
	Adding 3% Contingency					₹ 2,66,842.99
	Grand Total of the Project					₹ 91,61,609.35
	No. of Units in this Project					25
	Grand Total of the Project					₹ 22,90,40,233.79

Abstract Sheet

S.No	Description	Unit	Quantity				Rate	Amount
			Ground Floor	First Floor	Stair Tower	Total Quantity		
1	Earthwork							
	Site Cleaning	Sqm	287.10			287.10	34.15	₹ 9,804.47
	Excavation	Cum	191.16			191.16	260.30	₹ 49,758.95
	Sand Filling	Cum	12.74			12.74	2123.75	₹ 27,065.07
	Backfilling	Cum	142.44			142.44	196.00	₹ 27,917.44
	Plinth Filling	Cum	99.99			99.99	2123.75	₹ 2,12,358.01
2	Cement & Concrete Work							
	PCC Below Footing (M-10)	Cum	12.74			12.74	7178.75	₹ 91,485.99
	Floor PCC (M-15)	Cum	12.50			12.50	7780.30	₹ 97,245.97
	Footing Concrete (M-25)	Cum	21.00			21.00	9504.75	₹ 1,99,562.61
	Pedestal Column Concrete (M-25)	Cum	2.24			2.24	9504.75	₹ 21,290.64
	Ground Beam (M-25)	Cum	9.81			9.81	9504.75	₹ 93,241.60
	Plinth Beam Concrete (M-25)	Cum	0.52			0.52	9504.75	₹ 4,918.71
	Column Concrete For Sub- Structure Part (M-25)	Cum	2.16			2.16	9504.75	₹ 20,530.26
	Column Concrete For Super- Structure Part (M-25)	Cum	7.20	7.20		14.40	9860.40	₹ 1,41,989.76
	Sill Band Concrete (M-25)	Cum	1.32	1.32		2.64	9860.40	₹ 26,070.90
	Lintel Beam Concrete (M-25)	Cum	3.00	3.00		6.01	9860.40	₹ 59,241.28
	Slab Beam Concrete (M-25)	Cum	11.45	11.45		22.89	9860.40	₹ 2,25,704.56
	Slab Concrete (M-25)	Cum	14.59	14.59		29.18	9860.40	₹ 2,87,701.82
	Staircase Concrete (M-25)	Cum	1.99	1.99		3.98	9860.40	₹ 39,284.44
	Chhajja Concrete (M-25)	Cum	1.05	1.05		2.11	9860.40	₹ 20,766.00
	DPC for Sub- structure Part	Sqm	30.98			30.98	495.75	₹ 15,355.86
	DPC for Super- structure Part	Sqm	13.22	13.22		26.44	495.75	₹ 13,107.63
	Bitumen Coat	Cum	30.98			30.98	146.15	₹ 4,527.00
	Column Concrete For Staircase Tower (M-25)	Cum			0.84	0.84	9860.40	₹ 8,282.74
	Sill Band Concrete For Staircase Tower	Cum			0.21	0.21	9860.40	₹ 2,031.24
	Beam Concrete For Staircase Tower (M-25)	Cum			0.74	0.74	9860.40	₹ 7,247.39
	Slab Concrete For Staircase Tower (M-25)	Cum			1.08	1.08	9860.40	₹ 10,606.09
	Column Concrete For Parapet Wall (M-25)	Cum			1.40	1.40	9860.40	₹ 13,804.56
3	Reinforcement							
	Below Plinth Level	kg	3929.60			3929.60	107.85	₹ 4,23,806.83
	Above Plinth Level	kg	4466.53	4466.53	468.23	9401.28	107.85	₹ 10,13,928.11
4	Formwork							
	Footing shuttering	Sqm	38.40			38.40	392.15	₹ 15,058.56
	Pedastral Column Shuttering	Sqm	29.12			29.12	392.15	₹ 11,419.41
	Ground Beam Shuttering	Sqm	78.48			78.48	736.40	₹ 57,792.67
	Plinth Beam Shuttering	Sqm	4.14			4.14	736.40	₹ 3,048.70
	Column Shuttering For Sub-Structure Part	Sqm	28.08			28.08	961.30	₹ 26,993.30
	Column Shuttering For Super-Structure Part	Sqm	93.60	93.60		187.20	961.30	₹ 1,79,955.36
	Sill Band Shuttering	Sqm	16.10	16.10		32.20	736.40	₹ 23,712.08
	Lintel Beam shuttering	Sqm	43.36	43.36		86.72	736.40	₹ 63,860.61
	Slab Beam Shuttering	Sqm	99.67	99.67		199.35	736.40	₹ 1,46,797.66
	Slab Shuttering	Sqm	116.71	116.71		233.42	927.25	₹ 2,16,438.70
	Staircase Shuttering	Sqm	14.57	14.57		29.14	764.95	₹ 22,290.26
	Staircase landing	Sqm	3.24	3.24		6.48	927.25	₹ 6,008.58
	Chhajja Shuttering	Sqm	12.54	12.54		25.08	951.10	₹ 23,853.59
	Column Shuttering For Staircase Tower	Sqm			10.92	10.92	961.30	₹ 10,497.40
	Beam Shuttering For Staircase Tower	Sqm			6.81	6.81	736.40	₹ 5,011.20
	Slab Shuttering for Staircase Tower	Sqm			9.13	9.13	927.25	₹ 8,465.79
	Column Shuttering For Parapet Wall	Sqm			18.20	18.20	961.30	₹ 17,495.66
	Sill Band Shuttering For Staircase Tower	Sqm			2.06	2.06	736.40	₹ 1,516.98
5	Massonary Work							
	One Line Brickwork for Ground Beam	Cum	3.27			3.27	6504.90	₹ 21,271.02
	Brickwork upto DPC Bottom	Cum	14.28			14.28	6504.90	₹ 92,914.37
	Entrance Step	Cum	1.89			1.89	6504.90	₹ 12,294.26
	Brickwork For 200mm wall in super-structure	Cum	19.87	19.87		39.74	8942.35	₹ 3,55,333.22
	Brickwork For 100mm wall in super-structure	Sqm	69.18	69.18		138.36	1123.80	₹ 1,55,488.97
	Brick For Staircase Tower 200mm Wall	Cum			3.60	3.60	8942.35	₹ 32,223.76
	Parapet Wall Brick Work 200mm Wall	Cum			10.78	10.78	8942.35	₹ 96,398.53
6	Plastering Work							
	6 mm Plastering surface Chajja	Sqm	21.90	21.90		43.80	300.45	₹ 13,159.71
	6 mm Plastering surface WO Chajja	Sqm	144.89	144.89	8.88	298.66	300.45	₹ 89,731.20
	12 mm Plastering surface	Sqm	271.25	271.25	23.01	565.50	347.05	₹ 1,96,256.34
	15 mm Inner Plastering surface	Sqm	139.05	139.05		278.10	399.45	₹ 1,11,087.05
	15 mm Outer Plastering surface	Sqm	200.69	150.65	148.38	499.71	399.45	₹ 1,99,609.66
7	Painting Work							
	White wash	Sqm	777.78	727.74	180.27	1685.78	39.05	₹ 65,829.71
	Putty	Sqm	555.19	555.19	31.88	1142.26	262.70	₹ 3,00,072.69
	Inner paint	Sqm	555.19	555.19	31.88	1142.26	185.65	₹ 2,12,061.27
	Outer Paint	Sqm	222.59	172.55	148.38	543.52	160.60	₹ 87,288.71
8	Flooring Work							
	Kota Stone	Sqm	19.65	19.65		39.30	1948.25	₹ 76,566.23
	Kota Stone Skirting	Sqm	1.55	1.55		3.09	2354.70	₹ 7,276.02

	Vitrified Tiles	Sqm	111.84	103.44		215.28	1553.45	₹ 3,34,426.72
	Vitrified Tiles Skirting	Sqm	13.67	12.26		25.92	1623.05	₹ 42,069.46
	Ceramic Tiles	Sqm	11.52	11.52		23.04	1096.55	₹ 25,264.51
	Ceramic Tiles Dado	Sqm	95.76	95.76		191.52	1112.70	₹ 2,13,104.30
	Granite	Sqm	24.34	18.22		42.56	4481.30	₹ 1,90,735.33
	Nosing	RM	35.55	21.15		56.70	510.95	₹ 28,970.87
9	Wood & PVC Work							
	Pannelled Door Frame	Cum	0.63	0.63	0.05	1.31	116520.30	₹ 1,52,113.61
	F.R.P Door Frame	Sqm	19.80	19.80		39.60	570.95	₹ 22,609.62
	Pannelled Door Shutter	Sqm	9.42	9.42		18.83	4111.95	₹ 77,438.30
	Flush Door Shutter	Sqm	12.15	12.15	1.43	25.73	3450.30	₹ 88,758.97
	FRP Door Shutter	Sqm	5.09	5.09		10.19	3720.75	₹ 37,905.14
	L- Drop	Each	18	18	1	37.00	216.55	₹ 8,012.35
	Handle	Each	34	34	2	70.00	39.95	₹ 2,796.50
	Door Stopper	Each	13	13	1	27.00	121.65	₹ 3,284.55
	Door Holder	Each	17	17		34.00	39.70	₹ 1,349.80
	Tower Bolt	Each	29	29	1	59.00	83.90	₹ 4,950.10
	Hinges	Each	51	51	3	105.00	45.00	₹ 4,725.00
10	Steel & Aluminium Work							
	Aluminium Fixed Frame	kg	65.74	65.74		131.47	495.05	₹ 65,085.21
	Aluminium Slinding Frame	kg	91.58	91.58		183.16	598.60	₹ 1,09,642.21
	Glass	Sqm	21.60	21.60		43.20	1064.65	₹ 45,992.88
	Steel Wire Gauge (Mosquito Net)	Sqm	10.80	10.80		21.60	844.70	₹ 18,245.52
	Window Grill	kg	345.09	345.09		690.17	130.50	₹ 90,067.45
11	Plumbing Items							
	CPVC 50MM pipe	m				67	794.25	₹ 53,214.75
	CPVC 40MM Pipe	m				73	702.95	₹ 51,315.35
	CPVC 25MM pipe	m				5	627.25	₹ 3,136.25
	CPVC 20MM Pipe	m				80	537.60	₹ 43,008.00
	Commode	Each				8	8006.60	₹ 64,052.80
	Jet spray	Each				8	349.15	₹ 2,793.20
	Basin	Each				12	2648.85	₹ 31,786.20
	Sink	Each				4	3892.75	₹ 15,571.00
	Waste pipe	Each				16	119.55	₹ 1,912.80
	Drain jalli + Hole jalli	Each				28	37.60	₹ 1,052.80
	PVC connection pipe	Each				40	85.00	₹ 3,400.00
	Wall mixer	Each				8	6940.75	₹ 55,526.00
	Bib Cock	Each				24	506.80	₹ 12,163.20
	Angle Cock	Each				44	574.30	₹ 25,269.20
	Piller cock/Swan bib Cock	Each				20	208.45	₹ 4,169.00
	Wye	Each				2	215.10	₹ 430.20
	union	Each				6	543.10	₹ 3,258.60
	Valve	Each				6	952.60	₹ 5,715.60
	Water tank	Ltr.				4000	11.00	₹ 44,000.00
	PVC 75mm pipe	m				160	2166.35	₹ 3,46,616.00
	Shower	Each				8	193.95	₹ 1,551.60
	TOTAL WORK							₹ 84,71,206.06

Cost Summary		
Foundation Part of the building Cost	₹	4,53,363.12
Sub Structure Part of the Building Cost	₹	10,86,298.55
G.F Super Structure Part of the Building Cost	₹	29,25,841.97
F.F Super Structure Part of the Building Cost	₹	28,45,741.30
Staircase Tower & Parapet Wall Cost	₹	3,90,018.56
Plumbing Cost	₹	7,69,942.55
Total Cost of the Project	₹	84,71,206.06
Adding 5% Electrification Work	₹	4,23,560.30
Total Cost of the Project	₹	88,94,766.36
Adding 3% Contingency	₹	2,66,842.99
Grand Total of the Project	₹	91,61,609.35
No. of Units in this Project		25
Grand Total of the Project	₹	22,90,40,233.79

Estimation & Costing

S.No.	Particular	Measurement-up-to-date					Remark/Unit
		No.	Length	Width	Depth	Total (Contents or Area)	
1	2	3	4	5	6	7.00	8
1	Site Clearance	1	19.8	14.5		287.10	Sqm
			TOTAL QUANTITY			287.10	Sqm
2	Excavation						
	F1 (1.8x1.8)	16	2.40	2.40	1.50	138.24	Cum
	F2 (1.5x1.5)	8	2.10	2.10	1.50	52.92	Cum
			TOTAL QUANTITY			191.16	Cum
3	Sand Filling						
	F1 (1.8x1.8)	16	2.40	2.40	0.10	9.22	Cum
	F2 (1.5x1.5)	8	2.10	2.10	0.10	3.53	Cum
			TOTAL QUANTITY			12.74	Cum
4	PCC (M-10)						
	F1 (1.8x1.8)	16	2.40	2.40	0.10	9.22	Cum
	F2 (1.5x1.5)	8	2.10	2.10	0.10	3.53	Cum
			TOTAL QUANTITY			12.74	Cum
5	Footing Concrete (M-25)						
	F1 (1.8x1.8)						
	Rec. Part	16	1.80	1.80	0.25	12.96	Cum
	Trap. Part	16	0.45	0.60	0.15	3.56	Cum
	F2 (1.5x1.5)						
	Rec. Part	8	1.50	1.50	0.20	3.60	Cum
	Trap. Part	8	0.45	0.60	0.10	0.88	Cum
			TOTAL QUANTITY			21.00	Cum
6	Footing Shuttering						
	F1 (1.8x1.8)	16		7.20	0.25	28.80	Sqm
	F2 (1.5x1.5)	8		6.00	0.20	9.60	Sqm
			TOTAL QUANTITY			38.40	Sqm
7	Pedestal Column Concrete (M-25)						
	F1 C1	16	0.25	0.40	0.90	1.44	Cum
	F2 C1	4	0.25	0.40	1.00	0.40	Cum
	F2 C2	4	0.25	0.40	1.00	0.40	Cum
			TOTAL QUANTITY			2.24	Cum
8	Pedestal Column Shuttering						
	F1 C1	16		1.30	0.90	18.72	Sqm
	F2 C1	4		1.30	1.00	5.20	Sqm
	F2 C2	4		1.30	1.00	5.20	Sqm
			TOTAL QUANTITY			29.12	Sqm
9	Backfilling						
	Excavation					191.16	Cum
	Deduction						
	Sand Filling					12.74	Cum
	P.C.C					12.74	Cum
	Footing Concrete					21.00	Cum
	Pedstal Concrete Column					2.24	Cum
			TOTAL QUANTITY			142.44	Cum
10	One Line Brickwork for Ground Beam						
	GB 1	6	2.50	0.25	0.10	0.38	Cum
	GB 2	4	3.40	0.25	0.10	0.34	Cum
	GB 3	4	1.50	0.25	0.10	0.15	Cum
	GB 4	6	2.05	0.25	0.10	0.31	Cum
	GB 5	4	2.40	0.25	0.10	0.24	Cum
	GB 6	2	3.50	0.25	0.10	0.18	Cum

	GB 7	2	3.35	0.25	0.10		0.17	Cum
	GB 8	2	2.55	0.25	0.10		0.13	Cum
	GB 9	6	3.25	0.25	0.10		0.49	Cum
	GB 10	2	1.60	0.25	0.10		0.08	Cum
	GB 11	2	0.80	0.25	0.10		0.04	Cum
	GB 12	2	2.65	0.25	0.10		0.13	Cum
	GB 13	2	2.50	0.25	0.10		0.13	Cum
	GB 14	2	2.20	0.25	0.10		0.11	Cum
	GB 15*	2	2.25	0.25	0.10		0.11	Cum
	GB 16	4	2.40	0.25	0.10		0.24	Cum
	GB 16*	1	2.40	0.25	0.10		0.06	Cum
						TOTAL QUANTITY	3.27	Cum
11	Ground Beam Concrete (M-25)							
	GB 1	6	2.50	0.25	0.30		1.13	Cum
	GB 2	4	3.40	0.25	0.30		1.02	Cum
	GB 3	4	1.50	0.25	0.30		0.45	Cum
	GB 4	6	2.05	0.25	0.30		0.92	Cum
	GB 5	4	2.40	0.25	0.30		0.72	Cum
	GB 6	2	3.50	0.25	0.30		0.53	Cum
	GB 7	2	3.35	0.25	0.30		0.50	Cum
	GB 8	2	2.55	0.25	0.30		0.38	Cum
	GB 9	6	3.25	0.25	0.30		1.46	Cum
	GB 10	2	1.60	0.25	0.30		0.24	Cum
	GB 11	2	0.80	0.25	0.30		0.12	Cum
	GB 12	2	2.65	0.25	0.30		0.40	Cum
	GB 13	2	2.50	0.25	0.30		0.38	Cum
	GB 14	2	2.20	0.25	0.30		0.33	Cum
	GB 15*	2	2.25	0.25	0.30		0.34	Cum
	GB 16	4	2.40	0.25	0.30		0.72	Cum
	GB 16*	1	2.40	0.25	0.30		0.18	Cum
						TOTAL QUANTITY	9.81	Cum
12	Ground Beam Shuttering							
	GB 1	6	5.00		0.30		9.00	Sqm
	GB 2	4	6.80		0.30		8.16	Sqm
	GB 3	4	3.00		0.30		3.60	Sqm
	GB 4	6	4.10		0.30		7.38	Sqm
	GB 5	4	4.80		0.30		5.76	Sqm
	GB 6	2	7.00		0.30		4.20	Sqm
	GB 7	2	6.70		0.30		4.02	Sqm
	GB 8	2	5.10		0.30		3.06	Sqm
	GB 9	6	6.50		0.30		11.70	Sqm
	GB 10	2	3.20		0.30		1.92	Sqm
	GB 11	2	1.60		0.30		0.96	Sqm
	GB 12	2	5.30		0.30		3.18	Sqm
	GB 13	2	5.00		0.30		3.00	Sqm
	GB 14	2	4.40		0.30		2.64	Sqm
	GB 15*	2	4.50		0.30		2.70	Sqm
	GB 16	4	4.80		0.30		5.76	Sqm
	GB 16*	1	4.80		0.30		1.44	Sqm
						TOTAL QUANTITY	78.48	Sqm
13	Brickwork UP TO DPC Bottom							
	GB 1	6	2.50	0.25	0.45		1.69	Cum
	GB 2	4	3.40	0.25	0.45		1.53	Cum
	GB 3	4	1.50	0.25	0.45		0.68	Cum
	GB 4	6	2.05	0.25	0.45		1.38	Cum
	GB 5	4	2.40	0.25	0.45		1.08	Cum
	GB 6	2	3.50	0.25	0.45		0.79	Cum
	GB 7	2	3.35	0.25	0.45		0.75	Cum
	GB 8	2	2.55	0.25	0.45		0.57	Cum

	GB 9	6	3.25	0.25	0.45		2.19	Cum
	GB 10	2	1.60	0.25	0.45		0.36	Cum
	GB 11	2	0.80	0.25	0.45		0.18	Cum
	GB 12	2	2.65	0.25	0.45		0.60	Cum
	GB 13	2	2.50	0.25	0.45		0.56	Cum
	GB 14	2	2.20	0.25	0.45		0.50	Cum
	GB 15*	2	2.25	0.25	0.2		0.23	Cum
	GB 16	4	2.40	0.25	0.45		1.08	Cum
	GB 16*	1	2.40	0.25	0.2		0.12	Cum
			TOTAL QUANTITY				14.28	Cum
14	Damp Proof Course							
	GB 1	6	2.50	0.25			3.75	Sqm
	GB 2	4	3.40	0.25			3.40	Sqm
	GB 3	4	1.50	0.25			1.50	Sqm
	GB 4	6	2.05	0.25			3.08	Sqm
	GB 5	4	2.40	0.25			2.40	Sqm
	GB 6	2	3.50	0.25			1.75	Sqm
	GB 7	2	3.35	0.25			1.68	Sqm
	GB 8	2	2.55	0.25			1.28	Sqm
	GB 9	6	3.25	0.25			4.88	Sqm
	GB 10	2	1.60	0.25			0.80	Sqm
	GB 11	2	0.80	0.25			0.40	Sqm
	GB 12	2	2.65	0.25			1.33	Sqm
	GB 13	2	2.50	0.25			1.25	Sqm
	GB 14	2	2.20	0.25			1.10	Sqm
	GB 16	4	2.40	0.25			2.40	Sqm
			TOTAL QUANTITY				30.98	Sqm
15	Bitumen Coat							
	GB 1	6	2.50	0.25			3.75	Sqm
	GB 2	4	3.40	0.25			3.40	Sqm
	GB 3	4	1.50	0.25			1.50	Sqm
	GB 4	6	2.05	0.25			3.08	Sqm
	GB 5	4	2.40	0.25			2.40	Sqm
	GB 6	2	3.50	0.25			1.75	Sqm
	GB 7	2	3.35	0.25			1.68	Sqm
	GB 8	2	2.55	0.25			1.28	Sqm
	GB 9	6	3.25	0.25			4.88	Sqm
	GB 10	2	1.60	0.25			0.80	Sqm
	GB 11	2	0.80	0.25			0.40	Sqm
	GB 12	2	2.65	0.25			1.33	Sqm
	GB 13	2	2.50	0.25			1.25	Sqm
	GB 14	2	2.20	0.25			1.10	Sqm
	GB 16	4	2.40	0.25			2.40	Sqm
			TOTAL QUANTITY				30.98	Sqm
16	Plinth Beam Concrete							
	GB 15*	2	2.25	0.25	0.30		0.34	Cum
	GB 16*	1	2.40	0.25	0.30		0.18	Cum
			TOTAL QUANTITY				0.52	Cum
17	Plinth Beam Shuttering							
	GB 15*	2	4.5		0.30		2.70	Sqm
	GB 16*	1	4.80		0.30		1.44	Sqm
			TOTAL QUANTITY				4.14	Sqm
18	Plinth Filling							
	A1	2	3.40	2.80	0.80		15.23	Cum
	A2	2	2.05	2.80	0.80		9.18	Cum
	A3	2	2.05	1.25	0.80		4.10	Cum
	A4	4	2.20	1.08	0.80		7.57	Cum
	A5	2	3.25	2.40	0.80		12.48	Cum
	A6	2	2.80	3.50	0.80		15.68	Cum

	A7	2	3.25	2.70	0.80		14.04	Cum
	A8	2	3.25	1.35	0.80		7.02	Cum
	A9	1	2.40	3.45	0.80		6.62	Cum
	A10	1	2.40	1.75	0.80		3.36	Cum
	A11	1	2.40	1.40	0.80		2.69	Cum
	A12	1	2.40	1.05	0.80		2.02	Cum
			TOTAL QUANTITY				99.99	Cum
19	Floor PCC							
	A1	2	3.40	2.80	0.10		1.90	Cum
	A2	2	2.05	2.80	0.10		1.15	Cum
	A3	2	2.05	1.25	0.10		0.51	Cum
	A4	4	2.20	1.08	0.10		0.95	Cum
	A5	2	3.25	2.40	0.10		1.56	Cum
	A6	2	2.80	3.50	0.10		1.96	Cum
	A7	2	3.25	2.70	0.10		1.76	Cum
	A8	2	3.25	1.35	0.10		0.88	Cum
	A9	1	2.40	3.45	0.10		0.83	Cum
	A10	1	2.40	1.75	0.10		0.42	Cum
	A11	1	2.40	1.40	0.10		0.34	Cum
	A12	1	2.40	1.05	0.10		0.25	Cum
			TOTAL QUANTITY				12.50	Cum
20	Column Concrete for Sub-Structure							
	C1	20	0.25	0.40	0.90		1.80	Cum
	C2	4	0.25	0.40	0.90		0.36	Cum
			TOTAL QUANTITY				2.16	Cum
21	Column Shuttering for Sub-Structure							
	C1	20	1.30		0.90		23.40	Sqm
	C2	4	1.30		0.90		4.68	Sqm
			TOTAL QUANTITY				28.08	Sqm
22	Column Concrete for Super-Structure upto Ground Floor Slab							
	C1	20	0.25	0.40	3.00		6.00	Cum
	C2	4	0.25	0.40	3.00		1.20	Cum
			TOTAL QUANTITY				7.20	Cum
23	Column Shuttering for Super-Structure upto Ground Floor Slab							
	C1	20	1.30		3.00		78.00	Sqm
	C2	4	1.30		3.00		15.60	Sqm
			TOTAL QUANTITY				93.60	Sqm
24	Slab Beam Concrete (M- 25)							
	SB 1 (Outer)	4	2.50	0.25	0.35		0.88	Cum
	SB 1 (Inner)	2	2.50	0.25	0.35		0.44	Cum
	SB 2 (Outer)	2	3.40	0.25	0.35		0.60	Cum
	SB 2 (Inner)	2	3.40	0.25	0.35		0.60	Cum
	SB 3 (Outer)	4	1.50	0.25	0.35		0.53	Cum
	SB 4 (Outer)	2	2.05	0.25	0.35		0.36	Cum
	SB 4 (Inner)	4	2.05	0.25	0.35		0.72	Cum
	SB 5 (Outer)	2	2.40	0.25	0.35		0.42	Cum
	SB 5 (Inner)	2	2.40	0.25	0.35		0.42	Cum
	SB 6 (Outer)	2	3.50	0.25	0.35		0.61	Cum
	SB 7 (Inner)	2	3.35	0.25	0.35		0.59	Cum
	SB 8 (Inner)	2	2.55	0.25	0.35		0.45	Cum
	SB 9 (Outer)	2	3.25	0.25	0.35		0.57	Cum
	SB 9 (Inner)	4	3.25	0.25	0.35		1.14	Cum
	SB 10 (Outer)	2	1.60	0.25	0.35		0.28	Cum

	SB 11 (Outer)	2	0.80	0.25	0.35		0.14	Cum
	SB 12 (Outer)	2	2.65	0.25	0.35		0.46	Cum
	SB 13 (Inner)	2	2.50	0.25	0.35		0.44	Cum
	SB 14 (Inner)	2	2.20	0.25	0.35		0.39	Cum
	SB 15 (Inner)	2	2.25	0.25	0.35		0.39	Cum
	SB 16 (Outer)	2	2.40	0.25	0.35		0.42	Cum
	SB 16 (Inner)	2	2.40	0.25	0.35		0.42	Cum
	SB 16 (Outer with no Slab)	1	2.40	0.25	0.35		0.21	Cum
						TOTAL QUANTITY	11.45	Cum
25	Slab Beam Shuttering							
	SB 1 (Outer)	4	2.50	0.83			8.25	Sqm
	SB 1 (Inner)	2	2.50	0.70			3.50	Sqm
	SB 2 (Outer)	2	3.40	0.83			5.61	Sqm
	SB 2 (Inner)	2	3.40	0.70			4.76	Sqm
	SB 3 (Outer)	4	1.50	0.83			4.95	Sqm
	SB 4 (Outer)	2	2.05	0.83			3.38	Sqm
	SB 4 (Inner)	4	2.05	0.70			5.74	Sqm
	SB 5 (Outer)	2	2.40	0.83			3.96	Sqm
	SB 5 (Inner)	2	2.40	0.70			3.36	Sqm
	SB 6 (Outer)	2	3.50	0.83			5.78	Sqm
	SB 7 (Inner)	2	3.35	0.70			4.69	Sqm
	SB 8 (Inner)	2	2.55	0.70			3.57	Sqm
	SB 9 (Outer)	2	3.25	0.83			5.36	Sqm
	SB 9 (Inner)	4	3.25	0.70			9.10	Sqm
	SB 10 (Outer)	2	1.60	0.83			2.64	Sqm
	SB 11 (Outer)	2	0.80	0.83			1.32	Sqm
	SB 12 (Outer)	2	2.65	0.83			4.37	Sqm
	SB 13 (Inner)	2	2.50	0.70			3.50	Sqm
	SB 14 (Inner)	2	2.20	0.70			3.08	Sqm
	SB 15 (Inner)	2	2.25	0.70			3.15	Sqm
	SB 16 (Outer)	2	2.40	0.83			3.96	Sqm
	SB 16 (Inner)	2	2.40	0.70			3.36	Sqm
	SB 16 (Outer with no Slab)	1	2.40	0.95			2.28	Sqm
						TOTAL QUANTITY	99.67	Sqm
26	Slab Concrete (M- 25)							
	S1	2	3.40	2.80	0.125		2.38	Cum
	S2	2	2.05	2.80	0.125		1.44	Cum
	S3	2	2.05	1.25	0.125		0.64	Cum
	S4	4	2.20	1.08	0.125		1.18	Cum
	S5	2	3.25	2.40	0.125		1.95	Cum
	S6	2	2.80	3.50	0.125		2.45	Cum
	S7	2	3.25	2.70	0.125		2.19	Cum
	S8	2	3.25	1.35	0.125		1.10	Cum
	S10	1	2.40	1.75	0.125		0.53	Cum
	S11	1	2.40	1.40	0.125		0.42	Cum
	S12	1	2.40	1.05	0.125		0.32	Cum
						TOTAL QUANTITY	14.59	Cum
27	Slab Shuttering							
	S1	2	3.40	2.80			19.04	Sqm
	S2	2	2.05	2.80			11.48	Sqm
	S3	2	2.05	1.25			5.13	Sqm
	S4	4	2.20	1.08			9.46	Sqm
	S5	2	3.25	2.40			15.60	Sqm
	S6	2	2.80	3.50			19.60	Sqm
	S7	2	3.25	2.70			17.55	Sqm
	S8	2	3.25	1.35			8.78	Sqm
	S10	1	2.40	1.75			4.20	Sqm
	S11	1	2.40	1.40			3.36	Sqm
	S12	1	2.40	1.05			2.52	Sqm

			TOTAL QUANTITY		116.71	Sqm
28	Staircase Concrete					
	Waist Slab	2	2.62	1.18	0.15	0.92 Cum
	Steps	18	1.18	0.25	0.15	0.40 Cum
	Landing	1	2.40	1.20	0.15	0.43 Cum
	Landing Beam	1	2.40	0.25	0.35	0.21 Cum
	Extra waist slab	1	1.18	0.29	0.18	0.03 Cum
			TOTAL QUANTITY		1.99	Cum
29	Staircase Shuttering					
	Waist Slab	2	2.62	1.18		6.16 Sqm
	Waist Slab	4	2.62		0.30	3.14 Sqm
	Steps	19	1.18		0.15	3.35 Sqm
	Landing Bottom	1	2.40	1.20		2.88 Sqm
	Landing Side	2	1.20		0.15	0.36 Sqm
	Landing Beam	1	2.40	0.80		1.92 Sqm
			TOTAL QUANTITY		17.81	Sqm
30	Entrance Brickwork					
	A1	1	2.4	0.25	0.15	0.09 Cum
	A2	1	2.4	0.50	0.15	0.18 Cum
	A3	1	2.4	0.75	0.15	0.27 Cum
	A4	1	2.4	1.00	0.15	0.36 Cum
	A5	1	2.4	1.25	0.15	0.45 Cum
	A6	1	2.4	1.50	0.15	0.54 Cum
			TOTAL QUANTITY		1.89	Cum
31	Brickwork for Super Structure for Full Thick Brick wall (200)mm					
	GB1	4	2.50	0.20	2.30	4.60 Cum
	GB2	2	3.40	0.20	2.30	3.13 Cum
	GB4	2	2.05	0.20	2.30	1.89 Cum
	GB5	2	2.40	0.20	2.30	2.21 Cum
	GB6	2	3.50	0.20	2.30	3.22 Cum
	GB8	2	2.55	0.20	2.30	2.35 Cum
	GB9	2	3.25	0.20	2.30	2.99 Cum
	GB12	2	2.65	0.20	2.30	2.44 Cum
	GB15	2	2.25	0.20	2.30	2.07 Cum
	GB16	2	2.40	0.20	2.30	2.21 Cum
			TOTAL QTY. WITHOUT DEDUCTION		27.09	Cum
	Deduction					
	MD (1.2 x 2.1)	1	1.20	0.20	1.95	0.47 Cum
	D1 (1.5 x 2.1)	4	1.05	0.20	1.95	1.64 Cum
	D2 (0.9 x 2.1)	2	0.90	0.20	1.95	0.70 Cum
	W1 (1.5 x 1.2)	6	1.50	0.20	1.20	2.16 Cum
	W2 (0.9 x 1.2)	10	0.90	0.20	1.20	2.16 Cum
	V1 (0.35 x 0.35)	4	0.35	0.20	0.35	0.10 Cum
			Deduction		7.23	Cum
			TOTAL QUANTITY		19.87	Cum
32	Brickwork for Super Structure for Half Thick Brick wall (100)mm					
	GB1	2	2.50		2.30	11.50 Sqm
	GB2	2	3.40		2.30	15.64 Sqm
	GB4	2	2.05		2.30	9.43 Sqm
	GB5	2	2.40		2.30	11.04 Sqm
	GB7	2	3.35		2.30	15.41 Sqm
	GB13	2	2.50		2.30	11.50 Sqm
	GB14	2	2.40		2.30	11.04 Sqm

			TOTAL QTY. WITHOUT DEDUCTION				85.56	Sqm
	Deduction							
	D2 (0.9 x 2.1)	6	0.9		1.95		10.53	Sqm
	D3 (0.75 x 2.1)	4	0.75		1.95		5.85	Sqm
			Deduction				16.38	Sqm
			TOTAL QUANTITY				69.18	Sqm
33	Damp Proof Course							
	GB1	4	2.50	0.20			2.00	Sqm
	GB2	2	3.40	0.20			1.36	Sqm
	GB4	2	2.05	0.20			0.82	Sqm
	GB5	2	2.40	0.20			0.96	Sqm
	GB6	2	3.50	0.20			1.40	Sqm
	GB8	2	2.55	0.20			1.02	Sqm
	GB9	2	3.25	0.20			1.30	Sqm
	GB12	2	2.65	0.20			1.06	Sqm
	GB15	2	2.25	0.20			0.90	Sqm
	GB16	2	2.40	0.20			0.96	Sqm
	gb1	2	2.50	0.10			0.50	Sqm
	gb2	2	3.40	0.10			0.68	Sqm
	gb4	2	2.05	0.10			0.41	Sqm
	gb5	2	2.40	0.10			0.48	Sqm
	gb7	2	3.35	0.10			0.67	Sqm
	gb13	2	2.50	0.10			0.50	Sqm
	gb14	2	2.40	0.10			0.48	Sqm
			TOTAL QUANTITY				15.50	Sqm
	Deduction							
	MD (1.2 x 2.1)	1	1.20	0.20			0.24	Sqm
	D1 (1.5 x 2.1)	4	1.05	0.20			0.84	Sqm
	D2 (0.9 x 2.1)	2	0.90	0.20			0.36	Sqm
	D2 (0.9 x 2.1)	6	0.90	0.10			0.54	Sqm
	D3 (0.75 x 2.1)	4	0.75	0.10			0.30	Sqm
			Deduction				2.28	Sqm
			TOTAL QUANTITY				13.22	Sqm
34	Sill Band Concrete							
	GB1	4	2.50	0.20	0.10		0.20	Cum
	GB2	2	3.40	0.20	0.10		0.14	Cum
	GB4	2	2.05	0.20	0.10		0.08	Cum
	GB5	2	2.40	0.20	0.10		0.10	Cum
	GB6	2	3.50	0.20	0.10		0.14	Cum
	GB8	2	2.55	0.20	0.10		0.10	Cum
	GB9	2	3.25	0.20	0.10		0.13	Cum
	GB12	2	2.65	0.20	0.10		0.11	Cum
	GB15	2	2.25	0.20	0.10		0.09	Cum
	GB16	2	2.40	0.20	0.10		0.10	Cum
	gb1	2	2.50	0.10	0.10		0.05	Cum
	gb2	2	3.40	0.10	0.10		0.07	Cum
	gb4	2	2.05	0.10	0.10		0.04	Cum
	gb5	2	2.40	0.10	0.10		0.05	Cum
	gb7	2	3.35	0.10	0.10		0.07	Cum
	gb13	2	2.50	0.10	0.10		0.05	Cum
	gb14	2	2.40	0.10	0.10		0.05	Cum
			TOTAL QUANTITY				1.55	Cum
	Deduction							
	MD (1.2 x 2.1)	1	1.20	0.20	0.10		0.02	Cum
	D1 (1.5 x 2.1)	4	1.05	0.20	0.10		0.08	Cum
	D2 (0.9 x 2.1)	2	0.90	0.20	0.10		0.04	Cum
	D2 (0.9 x 2.1)	6	0.90	0.10	0.10		0.05	Cum

	D3 (0.75 x 2.1)	4	0.75	0.10	0.10		0.03	Cum
			Deduction				0.23	Cum
			TOTAL QUANTITY				1.32	Cum
35	Sill Band Shuttering							
	GB1	4	5.00		0.10		2.00	Sqm
	GB2	2	6.80		0.10		1.36	Sqm
	GB4	2	4.10		0.10		0.82	Sqm
	GB5	2	4.80		0.10		0.96	Sqm
	GB6	2	7.00		0.10		1.40	Sqm
	GB8	2	5.10		0.10		1.02	Sqm
	GB9	2	6.50		0.10		1.30	Sqm
	GB12	2	5.30		0.10		1.06	Sqm
	GB15	2	4.50		0.10		0.90	Sqm
	GB16	2	4.80		0.10		0.96	Sqm
	gb1	2	5.00		0.10		1.00	Sqm
	gb2	2	6.80		0.10		1.36	Sqm
	gb4	2	4.10		0.10		0.82	Sqm
	gb5	2	4.80		0.10		0.96	Sqm
	gb7	2	6.70		0.10		1.34	Sqm
	gb13	2	5.00		0.10		1.00	Sqm
	gb14	2	4.80		0.10		0.96	Sqm
			TOTAL QUANTITY				19.22	Sqm
	Deduction							
	MD (1.2 x 2.1)	1	2.40		0.10		0.24	Sqm
	D1 (1.5 x 2.1)	4	2.10		0.10		0.84	Sqm
	D2 (0.9 x 2.1)	2	1.80		0.10		0.36	Sqm
	D2 (0.9 x 2.1)	6	1.80		0.10		1.08	Sqm
	D3 (0.75 x 2.1)	4	1.50		0.10		0.60	Sqm
			Deduction				3.12	Sqm
			TOTAL QUANTITY				16.10	Sqm
36	Lintel Beam Concrete							
	GB1	4	2.50	0.20	0.20		0.40	Cum
	GB2	2	3.40	0.20	0.20		0.27	Cum
	GB4	2	2.05	0.20	0.20		0.16	Cum
	GB5	2	2.40	0.20	0.20		0.19	Cum
	GB6	2	3.50	0.20	0.20		0.28	Cum
	GB8	2	2.55	0.20	0.20		0.20	Cum
	GB9	2	3.25	0.20	0.20		0.26	Cum
	GB12	2	2.65	0.20	0.20		0.21	Cum
	GB15	2	2.25	0.20	0.20		0.18	Cum
	GB16	1	2.40	0.20	0.20		0.10	Cum
	gb1	2	2.50	0.10	0.20		0.10	Cum
	gb2	2	3.40	0.10	0.20		0.14	Cum
	gb4	2	2.05	0.10	0.20		0.08	Cum
	gb5	2	2.40	0.10	0.20		0.10	Cum
	gb7	2	3.35	0.10	0.20		0.13	Cum
	gb13	2	2.50	0.10	0.20		0.10	Cum
	gb14	2	2.40	0.10	0.20		0.10	Cum
			TOTAL QUANTITY				3.00	Cum
37	Lintel Beam Shuttering							
	GB1	4	5.00		0.20		4.00	Sqm
	GB2	2	6.80		0.20		2.72	Sqm
	GB4	2	4.10		0.20		1.64	Sqm
	GB5	2	4.80		0.20		1.92	Sqm
	GB6	2	7.00		0.20		2.80	Sqm
	GB8	2	5.10		0.20		2.04	Sqm
	GB9	2	6.50		0.20		2.60	Sqm
	GB12	2	5.30		0.20		2.12	Sqm
	GB15	2	4.50		0.20		1.80	Sqm

	GB16	1	4.80	0.20	0.96	Sqm
	gb1	2	5.00	0.20	2.00	Sqm
	gb2	2	6.80	0.20	2.72	Sqm
	gb4	2	4.10	0.20	1.64	Sqm
	gb5	2	4.80	0.20	1.92	Sqm
	gb7	2	6.70	0.20	2.68	Sqm
	gb13	2	5.00	0.20	2.00	Sqm
	gb14	2	4.80	0.20	1.92	Sqm
			TOTAL QUANTITY		37.48	Sqm
38	Addition					
	MD (1.2 x 2.1)	1	1.20	0.20	0.24	Sqm
	D1 (1.5 x 2.1)	4	1.05	0.20	0.84	Sqm
	D2 (0.9 x 2.1)	2	0.90	0.20	0.36	Sqm
	W1 (1.5 x 1.2)	6	1.50	0.20	1.80	Sqm
	W2 (0.9 x 1.2)	10	0.90	0.20	1.80	Sqm
	D2 (0.9 x 2.1)	6	0.90	0.10	0.54	Sqm
	D3 (0.75 x 2.1)	4	0.75	0.10	0.30	Sqm
			Addition		5.88	Sqm
			TOTAL QUANTITY		43.36	Sqm
39	Chhajja Concrete					
	W1	4	1.70	0.60	0.46	Cum
	W2	8	1.10	0.60	0.59	Cum
			TOTAL QUANTITY		1.05	Cum
40	Chhajja Shuttering					
	W1 (Bottom)	4	1.70	0.60	4.08	Sqm
	W1 (Front)	4	1.70	0.10	0.68	Sqm
	W1 (L & R Side)	8	0.60	0.11	0.54	Sqm
					5.30	Sqm
	W2 (Bottom)	8	1.10	0.60	5.28	Sqm
	W2 (Front)	8	1.10	0.10	0.88	Sqm
	W2 (L & R Side)	16	0.60	0.11	1.08	Sqm
					7.24	Sqm
			TOTAL QUANTITY		12.54	Sqm
41	Plastering (6mm Plaster Surface)					
	Part (A) Ceiling					
	Bedroom	2	3.00	3.60	21.60	Sqm
	Master Bedroom	2	3.60	3.00	21.60	Sqm
	Toilet	4	2.40	1.20	11.52	Sqm
	Kitchen	2	2.10	3.00	12.60	Sqm
	Hall	2	3.30	5.40	35.64	Sqm
	Corridor	1	2.40	3.70	8.88	Sqm
	Entrance Passage	1	2.40	1.30	3.12	Sqm
	Front Balcony	2	3.75	1.60	12.00	Sqm
	Back Balcony	2	2.55	1.50	7.65	Sqm
	Staircase					
	Waist Slab	2	2.62	1.18	6.16	Sqm
	Waist Slab Side Face	2	2.62	0.15	0.79	Sqm
	Side Face Of Steps	18		0.25	0.34	Sqm
	Landing (Bottom)	1	2.40	1.25	3.00	Sqm
			TOTAL QUANTITY FOR 6MM PLASTER		144.89	Sqm
42	Part (B) Chajja					
	W1 (Bottom & Top)	8	1.70	0.60	8.16	Sqm
	W1 (L & R Side Face)	8		0.60	0.54	Sqm
	W1 (Front Side)	4	1.70	0.10	0.68	Sqm
	W2 (Bottom & Top)	16	1.10	0.60	10.56	Sqm
	W2 (L & R Side Face)	16		0.60	1.08	Sqm
	W2 (Front Side)	8	1.10	0.10	0.88	Sqm

			TOTAL QUANTITY		21.90	Sqm
43	Plastering Wall (12mm Plaster Surface)					
	Bedroom (X-axis)	4	3.00	2.88	34.50	Sqm
	Bedroom (Y-axis)	4	3.60	2.88	41.40	Sqm
	Master Bedroom (X-axis)	2	3.60	2.88	20.70	Sqm
	Master Bedroom (Y-axis)	4	3.00	2.88	34.50	Sqm
	Kitchen (X-axis)	2	2.10	2.88	12.08	Sqm
	Kitchen (Y-axis)	2	3.00	2.88	17.25	Sqm
	Hall (X-axis)	4	3.30	2.88	37.95	Sqm
	Hall (Y-axis)	2	5.40	2.88	31.05	Sqm
	Corridor (X-axis)	2	2.40	2.88	13.80	Sqm
	Toilet (X-axis)	4	2.40	2.88	27.60	Sqm
	Toilet (Y-axis)	8	1.20	2.88	27.60	Sqm
			TOTAL QUANTITY WITHOUT DEDUCTION		298.43	Sqm
	Deduction					
	MD (1.2 x 2.1)	1	1.20	2.10	2.52	Sqm
	D1 (1.5 x 2.1)	4	1.05	2.10	8.82	Sqm
	D2 (0.9 x 2.1)	8	0.90	2.10	15.12	Sqm
	D3 (0.75 x 2.1)	4	0.75	2.10	6.30	Sqm
	W1 (1.5 x 1.2)	6	1.50	1.20	10.80	Sqm
	W2 (0.9 x 1.2)	10	0.90	1.20	10.80	Sqm
			Deduction		54.36	Sqm
					27.18	Sqm
			TOTAL QUANTITY		271.25	Sqm
44	Plastering Wall (15mm Plaster Surface)					
	Inner Plaster					
	Master Bedroom (X-axis)	2	3.60	2.88	20.70	Sqm
	Kitchen (X-axis)	2	2.10	2.88	12.08	Sqm
	Kitchen (Y-axis)	2	3.00	2.88	17.25	Sqm
	Hall (Y-axis)	2	5.40	2.88	31.05	Sqm
	Corridor (Y-axis)	2	3.70	2.88	21.28	Sqm
	Toilet (X-axis)	4	2.40	2.88	27.60	Sqm
	Staircase					
	Staircase	2	3.50	2.88	20.13	Sqm
			TOTAL QUANTITY WITHOUT DEDUCTION		150.08	Sqm
	Deduction					
	D1 (1.5 x 2.1)	2	1.05	2.1	4.41	Sqm
	D2 (0.9 x 2.1)	6	0.9	2.1	11.34	Sqm
	D3 (0.75 x 2.1)	4	0.75	2.1	6.30	Sqm
			Deduction		22.05	Sqm
					11.03	Sqm
			TOTAL QUANTITY		139.05	Sqm
45	Outer Plaster					
	Outer Side (Front)	1	20.20	3.90	78.78	Sqm
	Outer Side (Rear)	1	14.80	3.90	57.72	Sqm
	Outer Side (Left)	1	10.30	3.90	40.17	Sqm
	Outer Side (Right)	1	10.30	3.90	40.17	Sqm
			TOTAL QUANTITY WITHOUT DEDUCTION		216.84	Sqm
	Deduction					
	MD (1.2 x 2.1)	1	1.20	2.10	2.52	Sqm

	D1 (1.5 x 2.1)	2	1.05	2.10	4.41	Sqm
	D2 (0.9 x 2.1)	2	0.90	2.10	3.78	Sqm
	W1 (1.5 x 1.2)	6	1.50	1.20	10.80	Sqm
	W2 (0.9 x 1.2)	10	0.90	1.20	10.80	Sqm
				Deduction	32.31	Sqm
					16.16	Sqm
				TOTAL QUANTITY	200.69	Sqm
46	Painting Work					
	White Wash					
	Celling (6mm Plaster Surface)				144.89	Sqm
	Chhajja (6mm Plaster Surface)				21.90	Sqm
	Plaster Inner Wall (12mm Plaster Surface)				271.25	Sqm
	Plaster Inner Wall (15mm Plaster Surface)				139.05	Sqm
	Plaster Outer Wall (15mm Plaster Surface)				200.69	Sqm
				TOTAL QUANTITY	777.78	Sqm
	Putty					
	Celling (6mm Plaster Surface)				144.89	Sqm
	Plaster Inner Wall (12mm Plaster Surface)				271.25	Sqm
	Plaster Inner Wall (15mm Plaster Surface)				139.05	Sqm
				TOTAL QUANTITY	555.19	Sqm
	Interior Paint (Inner Paint)					
	Celling (6mm Plaster Surface)				144.89	Sqm
	Plaster Inner Wall (12mm Plaster Surface)				271.25	Sqm
	Plaster Inner Wall (15mm Plaster Surface)				139.05	Sqm
				TOTAL QUANTITY	555.19	Sqm
	Exterior Paint (Outer Paint)					
	Chhajja (6mm Plaster Surface)				21.90	Sqm
	Plaster Outer Wall (15mm Plaster Surface)				200.69	Sqm
				TOTAL QUANTITY	222.59	Sqm
	Flooring Work					
47	Kota Stone					
	Part (A) Flooring					
	Front Balcony	2	3.75	1.6	12.00	Sqm
	Rear Balcony	2	2.55	1.5	7.65	Sqm
				TOTAL QUANTITY	19.65	Sqm
	Part (B) Dado					
	Front Balcony (X-axis)	2	3.75	0.15	1.13	Sqm
	Front Balcony (Y-axis)	2	0.80	0.15	0.24	Sqm
	Rear Balcony (X-axis)	2	2.55	0.15	0.77	Sqm
				TOTAL QUANTITY		
				WITHOUT DEDUCTION		
					2.13	Sqm
	Part (C) Deduction					
	D1 (1.5 x 2.1)	2	1.05	0.15	0.32	Sqm
	D2 (0.9 x 2.1)	2	0.90	0.15	0.27	Sqm
				Deduction	0.59	Sqm
				TOTAL QUANTITY	1.55	Sqm
48	Vitrified Tiles					
	Part (A) Flooring					
	Bedroom	2	3.00	3.60	21.60	Sqm
	Master Bedroom	2	3.60	3.00	21.60	Sqm

	Hall	2	3.30	5.40		35.64	Sqm
	Entrance Passage	1	2.40	1.30		3.12	Sqm
	Corridor	1	2.40	3.70		8.88	Sqm
	Staircase	1	2.40	3.50		8.40	Sqm
	Kitchen	2	2.10	3.00		12.60	Sqm
				TOTAL QUANTITY		111.84	Sqm
	Part (B) Dado						
	Bedroom (X-axis)	4	3.00	0.15		1.80	Sqm
	Bedroom (Y-axis)	4	3.60	0.15		2.16	Sqm
	Master Bedroom (X-axis)	4	3.60	0.15		2.16	Sqm
	Master Bedroom (Y-axis)	4	3.00	0.15		1.80	Sqm
	Hall (X-axis)	4	3.30	0.15		1.98	Sqm
	Hall (Y-axis)	4	5.40	0.15		3.24	Sqm
	Entrance Passage (X-axis)	1	2.40	0.15		0.36	Sqm
	Entrance Passage (Y-axis)	2	1.30	0.15		0.39	Sqm
	Corridor (X-axis)	1	2.40	0.15		0.36	Sqm
	Corridor (Y-axis)	2	3.70	0.15		1.11	Sqm
	Staircase (X-axis)	1	2.40	0.15		0.36	Sqm
	Staircase (Y-axis)	2	3.50	0.15		1.05	Sqm
				TOTAL QUANTITY WITHOUT DEDUCTION		16.77	Sqm
	Part (C) Deduction						
	MD (1.2 x 2.1)	2	1.20	0.15		0.36	Sqm
	D1 (1.5 x 2.1)	6	1.05	0.15		0.95	Sqm
	D2 (0.9 x 2.1)	10	0.90	0.15		1.35	Sqm
	D3 (0.75 x 2.1)	4	0.75	0.15		0.45	Sqm
				Deduction		3.11	Sqm
				TOTAL QUANTITY		13.67	Sqm
49	Ceramic Tiles						
	Part (A) Flooring						
	Toilet	4	2.40	1.20		11.52	Sqm
				TOTAL QUANTITY		11.52	Sqm
	Part (B) Dado						
	Kitchen (X-axis)	4	2.10	2.10		17.64	Sqm
	Kitchen (Y-axis)	4	3.00	2.10		25.20	Sqm
	Toilet (X-axis)	8	2.40	2.10		40.32	Sqm
	Toilet (Y-axis)	8	1.20	2.10		20.16	Sqm
	Staircase						
	Staircase Steps	18	0.25	0.90		4.05	Sqm
	Landing (X-axis)	1	2.40	0.90		2.16	Sqm
	Landing (Y-axis)	2	1.25	0.90		2.25	Sqm
				TOTAL QUANTITY WITHOUT DEDUCTION		111.78	Sqm
	Part (C) Deduction						
	D2 (0.9 x 2.1)	4	0.90	2.10		7.56	Sqm
	D3 (0.75 x 2.1)	4	0.75	2.10		6.30	Sqm
	W2 (0.9 x 1.2)	2	0.90	1.20		2.16	Sqm
				Deduction		16.02	Sqm
				TOTAL QUANTITY		95.76	Sqm
50	Granite						
	Part (A) Flooring						
	Entrance Steps						
	Riser	6	2.40	0.15		2.16	Sqm
	Tread	6	2.40	0.28		3.96	Sqm
	Staircase						
	Landing	1	2.40	1.25		3.00	Sqm
	Tread	18	1.175	0.28		5.82	Sqm

	Riser	20	1.18		0.15		3.53	Sqm
51	Threshold (Window Sill & Door Sill)							
	MD (1.2 x 2.1)	1	1.20	0.20			0.24	Sqm
	D1 (1.5 x 2.1)	4	1.05	0.20			0.84	Sqm
	D2 (0.9 x 2.1)	2	0.90	0.20			0.36	Sqm
	D2 (0.9 x 2.1)	6	0.90	0.10			0.54	Sqm
	D3 (0.75 x 2.1)	4	0.75	0.10			0.30	Sqm
	W1 (1.5 x 1.2)	6	1.50	0.20			1.80	Sqm
	W2 (0.9 x 1.2)	10	0.90	0.20			1.80	Sqm
					TOTAL QUANTITY		24.34	Sqm
52	Noising							
	Staircase Steps	18	1.175				21.15	RM
	Entrance Steps	6	2.4				14.40	RM
					TOTAL QUANTITY		35.55	RM
53	Door Frame							
	(Sal Wood Frame)							
	MD (1.2 x 2.1)	1	0.13	0.08	5.40		0.05	Cum
	D1 (1.5 x 2.1)	4	0.13	0.08	5.25		0.20	Cum
	D2 (0.9 x 2.1)	8	0.13	0.08	5.10		0.38	Cum
					TOTAL QUANTITY		0.63	Cum
	Door Frame							
	(Fiber Reinforcement Plastics)							
	D3 (0.75 x 2.1)	4			4.95		19.80	RM
					TOTAL QUANTITY		19.80	RM
54	Door Shutter							
	Part (A) Pannel Door							
	MD (1.2 x 2.1)	1	1.05		2.03		2.13	Sqm
	D1 (1.5 x 2.1)	4	0.90		2.03		7.29	Sqm
					TOTAL QUANTITY		9.42	Sqm
	Part (B) Flush Door							
	D2 (0.9 x 2.1)	8	0.75		2.03		12.15	Sqm
					TOTAL QUANTITY		12.15	Sqm
	Part (C) F.R.P Door							
	D3 (0.75 x 2.1)	4	0.63		2.04		5.09	Sqm
					TOTAL QUANTITY		5.09	Sqm
55	Door Fitting Items	MD	D1	D2	D3	TOTAL		
		1	4	8	4			
	L- Drop	2	8	8	0		18	Each
	Handle	2	8	16	8		34	Each
	Door Stopper	1	4	8	0		13	Each
	Door Holder	1	4	8	4		17	Each
	Tower Bolts	1	4	16	8		29	Each
	Hinges	3	12	24	12		51	Each
	Hook				4		4	Each
56	Alumininu Fixed Frame							
	W1 (1.5 x 1.2)	6			Unit Weight			
	(A) Bottom Portion	6	1.5	1.037			9.33	KG
	(B) Top Portion	6	1.5	0.855			7.70	KG
	(C) Left & Right Side Portion	12	1.2	0.825			11.88	KG
							28.91	KG
	W2 (0.9 x 1.2)	10			Unit Weight			
	(A) Bottom Portion	10	0.9	1.037			9.33	KG
	(B) Top Portion	10	0.9	0.855			7.70	KG
	(C) Left & Right Side Portion	20	1.2	0.825			19.80	KG
							36.83	KG
					TOTAL QUANTITY W1 AND W2		65.74	KG
57	Alumininu Sliding Frame							

	W1 (1.5 x 1.2)	6		Unit Weight			
	Bottom & Top Portion	36	0.675	0.557	13.54	KG	
	Vertical Section Without Lock	24	1.2	0.557	16.04	KG	
	Vertical Section With Lock	12	1.2	0.566	8.15	KG	
					37.73	KG	
	W2 (0.9 x 1.2)	10		Unit Weight			
	Bottom & Top Portion	60	0.405	0.557	13.54	KG	
	Vertical Section Without Lock	40	1.2	0.557	26.74	KG	
	Vertical Section With Lock	20	1.2	0.566	13.58	KG	
					53.86	KG	
			TOTAL QUANTITY W1 AND W2		91.58	KG	
58	Glass						
	W1 (1.5 x 1.2)	12	0.75	1.2	10.80	Sqm	
	W2 (0.9 x 1.2)	20	0.45	1.2	10.80	Sqm	
			TOTAL QUANTITY		21.60	Sqm	
59	Mosquite Net (Steel Wire Gauge)						
	W1 (1.5 x 1.2)	6	0.75	1.2	5.40	Sqm	
	W2 (0.9 x 1.2)	10	0.45	1.2	5.40	Sqm	
			TOTAL QUANTITY		10.80	Sqm	
60	Window Grill						
	W1 (1.5 x 1.2)	6	Density - 7850 kg/m3				
	Horizontal Plate (Wt)	12	1.5	0.035	0.005	24.73	KG
	Vertical Plate (Wt)	12	1.2	0.035	0.005	19.78	KG
	Vertical Rod (Wt)	84	1.2	0.01	0.01	79.13	KG
	Horizontal Rod (Wt)	24	1.5	0.01	0.01	28.26	KG
	Hold Fast (Wt)	48	0.1	0.035	0.005	6.59	KG
						158.49	KG
	W2 (0.9 x 1.2)	10	Density - 7850 kg/m3				
	Horizontal Plate (Wt)	20	0.9	0.035	0.005	24.73	KG
	Vertical Plate (Wt)	20	1.2	0.035	0.005	32.97	KG
	Vertical Rod (Wt)	80	1.2	0.01	0.01	75.36	KG
	Horizontal Rod (Wt)	40	0.9	0.01	0.01	28.26	KG
	Hold Fast (Wt)	80	0.1	0.035	0.005	10.99	KG
						172.31	KG
	V (0.35 x 0.35)	4	Density - 7850 kg/m3				
	Horizontal Plate (Wt)	8	0.35	0.035	0.005	3.85	KG
	Vertical Plate (Wt)	8	0.35	0.035	0.005	3.85	KG
	Vertical Rod (Wt)	12	0.35	0.01	0.01	3.30	KG
	Horizontal Rod (Wt)	4	0.35	0.01	0.01	1.10	KG
	Hold Fast (Wt)	16	0.1	0.035	0.005	2.20	KG
						14.29	KG
			TOTAL QUANTITY		345.09	KG	

Super Structure for First Floor

61	Column Concrete for Super-Structure upto Ground Floor Slab						
	C1	20	0.25	0.40	3.00	6.00	Cum
	C2	4	0.25	0.40	3.00	1.20	Cum
TOTAL QUANTITY					7.20	Cum	
62	Column Shuttering for Super-Structure upto Ground Floor Slab						
	C1	20	1.30		3.00	78.00	Sqm
	C2	4	1.30		3.00	15.60	Sqm
TOTAL QUANTITY					93.60	Sqm	
63	Slab Beam Concrete (M- 25)						
	SB 1 (Outer)	4	2.50	0.25	0.35	0.88	Cum
	SB 1 (Inner)	2	2.50	0.25	0.35	0.44	Cum
	SB 2 (Outer)	2	3.40	0.25	0.35	0.60	Cum
	SB 2 (Inner)	2	3.40	0.25	0.35	0.60	Cum
	SB 3 (Outer)	4	1.50	0.25	0.35	0.53	Cum
	SB 4 (Outer)	2	2.05	0.25	0.35	0.36	Cum
	SB 4 (Inner)	4	2.05	0.25	0.35	0.72	Cum
	SB 5 (Outer)	2	2.40	0.25	0.35	0.42	Cum
	SB 5 (Inner)	2	2.40	0.25	0.35	0.42	Cum
	SB 6 (Outer)	2	3.50	0.25	0.35	0.61	Cum
	SB 7 (Inner)	2	3.35	0.25	0.35	0.59	Cum
	SB 8 (Inner)	2	2.55	0.25	0.35	0.45	Cum
	SB 9 (Outer)	2	3.25	0.25	0.35	0.57	Cum
	SB 9 (Inner)	4	3.25	0.25	0.35	1.14	Cum
	SB 10 (Outer)	2	1.60	0.25	0.35	0.28	Cum
	SB 11 (Outer)	2	0.80	0.25	0.35	0.14	Cum
	SB 12 (Outer)	2	2.65	0.25	0.35	0.46	Cum
	SB 13 (Inner)	2	2.50	0.25	0.35	0.44	Cum
	SB 14 (Inner)	2	2.20	0.25	0.35	0.39	Cum
	SB 15 (Inner)	2	2.25	0.25	0.35	0.39	Cum
	SB 16 (Outer)	2	2.40	0.25	0.35	0.42	Cum
	SB 16 (Inner)	2	2.40	0.25	0.35	0.42	Cum
	SB 16 (Outer with no Slab)	1	2.40	0.25	0.35	0.21	Cum
TOTAL QUANTITY					11.45	Cum	
64	Slab Beam Shuttering						
	SB 1 (Outer)	4	2.50	0.83		8.25	Sqm
	SB 1 (Inner)	2	2.50	0.70		3.50	Sqm
	SB 2 (Outer)	2	3.40	0.83		5.61	Sqm
	SB 2 (Inner)	2	3.40	0.70		4.76	Sqm
	SB 3 (Outer)	4	1.50	0.83		4.95	Sqm
	SB 4 (Outer)	2	2.05	0.83		3.38	Sqm
	SB 4 (Inner)	4	2.05	0.70		5.74	Sqm
	SB 5 (Outer)	2	2.40	0.83		3.96	Sqm
	SB 5 (Inner)	2	2.40	0.70		3.36	Sqm
	SB 6 (Outer)	2	3.50	0.83		5.78	Sqm
	SB 7 (Inner)	2	3.35	0.70		4.69	Sqm
	SB 8 (Inner)	2	2.55	0.70		3.57	Sqm
	SB 9 (Outer)	2	3.25	0.83		5.36	Sqm
	SB 9 (Inner)	4	3.25	0.70		9.10	Sqm
	SB 10 (Outer)	2	1.60	0.83		2.64	Sqm
	SB 11 (Outer)	2	0.80	0.83		1.32	Sqm
	SB 12 (Outer)	2	2.65	0.83		4.37	Sqm
	SB 13 (Inner)	2	2.50	0.70		3.50	Sqm
	SB 14 (Inner)	2	2.20	0.70		3.08	Sqm
	SB 15 (Inner)	2	2.25	0.70		3.15	Sqm
	SB 16 (Outer)	2	2.40	0.83		3.96	Sqm

	SB 16 (Inner)	2	2.40	0.70		3.36	Sqm
	SB 16 (Outer with no Slab)	1	2.40	0.95		2.28	Sqm
	TOTAL QUANTITY					99.67	Sqm
65	Slab Concrete (M- 25)						
	S1	2	3.40	2.80	0.125	2.38	Cum
	S2	2	2.05	2.80	0.125	1.44	Cum
	S3	2	2.05	1.25	0.125	0.64	Cum
	S4	4	2.20	1.08	0.125	1.18	Cum
	S5	2	3.25	2.40	0.125	1.95	Cum
	S6	2	2.80	3.50	0.125	2.45	Cum
	S7	2	3.25	2.70	0.125	2.19	Cum
	S8	2	3.25	1.35	0.125	1.10	Cum
	S10	1	2.40	1.75	0.125	0.53	Cum
	S11	1	2.40	1.40	0.125	0.42	Cum
	S12	1	2.40	1.05	0.125	0.32	Cum
	TOTAL QUANTITY					14.59	Cum
66	Slab Shuttering						
	S1	2	3.40	2.80		19.04	Sqm
	S2	2	2.05	2.80		11.48	Sqm
	S3	2	2.05	1.25		5.13	Sqm
	S4	4	2.20	1.08		9.46	Sqm
	S5	2	3.25	2.40		15.60	Sqm
	S6	2	2.80	3.50		19.60	Sqm
	S7	2	3.25	2.70		17.55	Sqm
	S8	2	3.25	1.35		8.78	Sqm
	S10	1	2.40	1.75		4.20	Sqm
	S11	1	2.40	1.40		3.36	Sqm
	S12	1	2.40	1.05		2.52	Sqm
	TOTAL QUANTITY					116.71	Sqm
67	Staircase Concrete						
	Waist Slab	2	2.62	1.18	0.15	0.92	Cum
	Steps	18	1.18	0.25	0.15	0.40	Cum
	Landing	1	2.40	1.20	0.15	0.43	Cum
	Landing Beam	1	2.40	0.25	0.35	0.21	Cum
	Extra waist slab	1	1.18	0.29	0.18	0.03	Cum
	TOTAL QUANTITY					1.99	Cum
68	Staircase Shuttering						
	Waist Slab	2	2.62	1.18		6.16	Sqm
	Waist Slab	4	2.62		0.30	3.14	Sqm
	Steps	19	1.18		0.15	3.35	Sqm
	Landing Bottom	1	2.40	1.20		2.88	Sqm
	Landing Side	2	1.20		0.15	0.36	Sqm
	Landing Beam	1	2.40	0.80		1.92	Sqm
	TOTAL QUANTITY					17.81	Sqm
69	Brickwork for Super Structure for Full Thick Brick wall (200)mm						
	GB1	4	2.50	0.20	2.30	4.60	Cum
	GB2	2	3.40	0.20	2.30	3.13	Cum
	GB4	2	2.05	0.20	2.30	1.89	Cum
	GB5	2	2.40	0.20	2.30	2.21	Cum
	GB6	2	3.50	0.20	2.30	3.22	Cum
	GB8	2	2.55	0.20	2.30	2.35	Cum
	GB9	2	3.25	0.20	2.30	2.99	Cum
	GB12	2	2.65	0.20	2.30	2.44	Cum
	GB15	2	2.25	0.20	2.30	2.07	Cum
	GB16	2	2.40	0.20	2.30	2.21	Cum
	TOTAL QTY.					27.09	Cum
	Deduction						
	MD (1.2 x 2.1)	1	1.20	0.20	1.95	0.47	Cum

	D1 (1.5 x 2.1)	4	1.05	0.20	1.95		1.64	Cum
	D2 (0.9 x 2.1)	2	0.90	0.20	1.95		0.70	Cum
	W1 (1.5 x 1.2)	6	1.50	0.20	1.20		2.16	Cum
	W2 (0.9 x 1.2)	10	0.90	0.20	1.20		2.16	Cum
	V1 (0.35 x 0.35)	4	0.35	0.20	0.35		0.10	Cum
					Deduction		7.23	Cum
					TOTAL QUANTITY		19.87	Cum
70	Brickwork for Super Structure for Half Thick Brick wall (100)mm							
	GB1	2	2.50		2.30		11.50	Sqm
	GB2	2	3.40		2.30		15.64	Sqm
	GB4	2	2.05		2.30		9.43	Sqm
	GB5	2	2.40		2.30		11.04	Sqm
	GB7	2	3.35		2.30		15.41	Sqm
	GB13	2	2.50		2.30		11.50	Sqm
	GB14	2	2.40		2.30		11.04	Sqm
					TOTAL QTY.		85.56	Sqm
	Deduction							
	D2 (0.9 x 2.1)	6	0.9		1.95		10.53	Sqm
	D3 (0.75 x 2.1)	4	0.75		1.95		5.85	Sqm
					Deduction		16.38	Sqm
					TOTAL QUANTITY		69.18	Sqm
71	Damp Proof Course							
	GB1	4	2.50	0.20			2.00	Sqm
	GB2	2	3.40	0.20			1.36	Sqm
	GB4	2	2.05	0.20			0.82	Sqm
	GB5	2	2.40	0.20			0.96	Sqm
	GB6	2	3.50	0.20			1.40	Sqm
	GB8	2	2.55	0.20			1.02	Sqm
	GB9	2	3.25	0.20			1.30	Sqm
	GB12	2	2.65	0.20			1.06	Sqm
	GB15	2	2.25	0.20			0.90	Sqm
	GB16	2	2.40	0.20			0.96	Sqm
	gb1	2	2.50	0.10			0.50	Sqm
	gb2	2	3.40	0.10			0.68	Sqm
	gb4	2	2.05	0.10			0.41	Sqm
	gb5	2	2.40	0.10			0.48	Sqm
	gb7	2	3.35	0.10			0.67	Sqm
	gb13	2	2.50	0.10			0.50	Sqm
	gb14	2	2.40	0.10			0.48	Sqm
					TOTAL QUANTITY		15.50	Sqm
	Deduction							
	MD (1.2 x 2.1)	1	1.20	0.20			0.24	Sqm
	D1 (1.5 x 2.1)	4	1.05	0.20			0.84	Sqm
	D2 (0.9 x 2.1)	2	0.90	0.20			0.36	Sqm
	D2 (0.9 x 2.1)	6	0.90	0.10			0.54	Sqm
	D3 (0.75 x 2.1)	4	0.75	0.10			0.30	Sqm
					Deduction		2.28	Sqm
					TOTAL QUANTITY		13.22	Sqm
72	Sill Band Concrete							
	GB1	4	2.50	0.20	0.10		0.20	Cum
	GB2	2	3.40	0.20	0.10		0.14	Cum
	GB4	2	2.05	0.20	0.10		0.08	Cum
	GB5	2	2.40	0.20	0.10		0.10	Cum
	GB6	2	3.50	0.20	0.10		0.14	Cum
	GB8	2	2.55	0.20	0.10		0.10	Cum
	GB9	2	3.25	0.20	0.10		0.13	Cum
	GB12	2	2.65	0.20	0.10		0.11	Cum
	GB15	2	2.25	0.20	0.10		0.09	Cum

	GB16	2	2.40	0.20	0.10	0.10	Cum
	gb1	2	2.50	0.10	0.10	0.05	Cum
	gb2	2	3.40	0.10	0.10	0.07	Cum
	gb4	2	2.05	0.10	0.10	0.04	Cum
	gb5	2	2.40	0.10	0.10	0.05	Cum
	gb7	2	3.35	0.10	0.10	0.07	Cum
	gb13	2	2.50	0.10	0.10	0.05	Cum
	gb14	2	2.40	0.10	0.10	0.05	Cum
			TOTAL QUANTITY			1.55	Cum
	Deduction						
	MD (1.2 x 2.1)	1	1.20	0.20	0.10	0.02	Cum
	D1 (1.5 x 2.1)	4	1.05	0.20	0.10	0.08	Cum
	D2 (0.9 x 2.1)	2	0.90	0.20	0.10	0.04	Cum
	D2 (0.9 x 2.1)	6	0.90	0.10	0.10	0.05	Cum
	D3 (0.75 x 2.1)	4	0.75	0.10	0.10	0.03	Cum
			Deduction			0.23	Cum
			TOTAL QUANTITY			1.32	Cum
73	Sill Band Shuttering						
	GB1	4	5.00		0.10	2.00	Sqm
	GB2	2	6.80		0.10	1.36	Sqm
	GB4	2	4.10		0.10	0.82	Sqm
	GB5	2	4.80		0.10	0.96	Sqm
	GB6	2	7.00		0.10	1.40	Sqm
	GB8	2	5.10		0.10	1.02	Sqm
	GB9	2	6.50		0.10	1.30	Sqm
	GB12	2	5.30		0.10	1.06	Sqm
	GB15	2	4.50		0.10	0.90	Sqm
	GB16	2	4.80		0.10	0.96	Sqm
	gb1	2	5.00		0.10	1.00	Sqm
	gb2	2	6.80		0.10	1.36	Sqm
	gb4	2	4.10		0.10	0.82	Sqm
	gb5	2	4.80		0.10	0.96	Sqm
	gb7	2	6.70		0.10	1.34	Sqm
	gb13	2	5.00		0.10	1.00	Sqm
	gb14	2	4.80		0.10	0.96	Sqm
			TOTAL QUANTITY			19.22	Sqm
	Deduction						
	MD (1.2 x 2.1)	1	2.40		0.10	0.24	Sqm
	D1 (1.5 x 2.1)	4	2.10		0.10	0.84	Sqm
	D2 (0.9 x 2.1)	2	1.80		0.10	0.36	Sqm
	D2 (0.9 x 2.1)	6	1.80		0.10	1.08	Sqm
	D3 (0.75 x 2.1)	4	1.50		0.10	0.60	Sqm
			Deduction			3.12	Sqm
			TOTAL QUANTITY			16.10	Sqm
74	Lintel Beam Concrete						
	GB1	4	2.50	0.20	0.20	0.40	Cum
	GB2	2	3.40	0.20	0.20	0.27	Cum
	GB4	2	2.05	0.20	0.20	0.16	Cum
	GB5	2	2.40	0.20	0.20	0.19	Cum
	GB6	2	3.50	0.20	0.20	0.28	Cum
	GB8	2	2.55	0.20	0.20	0.20	Cum
	GB9	2	3.25	0.20	0.20	0.26	Cum
	GB12	2	2.65	0.20	0.20	0.21	Cum
	GB15	2	2.25	0.20	0.20	0.18	Cum
	GB16	1	2.40	0.20	0.20	0.10	Cum
	gb1	2	2.50	0.10	0.20	0.10	Cum
	gb2	2	3.40	0.10	0.20	0.14	Cum
	gb4	2	2.05	0.10	0.20	0.08	Cum
	gb5	2	2.40	0.10	0.20	0.10	Cum
	gb7	2	3.35	0.10	0.20	0.13	Cum

	gb13	2	2.50	0.10	0.20		0.10	Cum
	gb14	2	2.40	0.10	0.20		0.10	Cum
			TOTAL QUANTITY				3.00	Cum
75	Lintel Beam Shuttering							
	GB1	4	5.00		0.20		4.00	Sqm
	GB2	2	6.80		0.20		2.72	Sqm
	GB4	2	4.10		0.20		1.64	Sqm
	GB5	2	4.80		0.20		1.92	Sqm
	GB6	2	7.00		0.20		2.80	Sqm
	GB8	2	5.10		0.20		2.04	Sqm
	GB9	2	6.50		0.20		2.60	Sqm
	GB12	2	5.30		0.20		2.12	Sqm
	GB15	2	4.50		0.20		1.80	Sqm
	GB16	1	4.80		0.20		0.96	Sqm
	gb1	2	5.00		0.20		2.00	Sqm
	gb2	2	6.80		0.20		2.72	Sqm
	gb4	2	4.10		0.20		1.64	Sqm
	gb5	2	4.80		0.20		1.92	Sqm
	gb7	2	6.70		0.20		2.68	Sqm
	gb13	2	5.00		0.20		2.00	Sqm
	gb14	2	4.80		0.20		1.92	Sqm
			TOTAL QUANTITY				37.48	Sqm
76	Addition							
	MD (1.2 x 2.1)	1	1.20	0.20			0.24	Sqm
	D1 (1.5 x 2.1)	4	1.05	0.20			0.84	Sqm
	D2 (0.9 x 2.1)	2	0.90	0.20			0.36	Sqm
	W1 (1.5 x 1.2)	6	1.50	0.20			1.80	Sqm
	W2 (0.9 x 1.2)	10	0.90	0.20			1.80	Sqm
	D2 (0.9 x 2.1)	6	0.90	0.10			0.54	Sqm
	D3 (0.75 x 2.1)	4	0.75	0.10			0.30	Sqm
			Addition				5.88	Sqm
			TOTAL QUANTITY				43.36	Sqm
77	Chhajja Concrete							
	W1	4	1.70	0.60	0.11		0.46	Cum
	W2	8	1.10	0.60	0.11		0.59	Cum
			TOTAL QUANTITY				1.05	Cum
78	Chhajja Shuttering							
	W1 (Bottom)	4	1.70	0.60			4.08	Sqm
	W1 (Front)	4	1.70		0.10		0.68	Sqm
	W1 (L & R Side)	8	0.60		0.11		0.54	Sqm
							5.30	Sqm
	W2 (Bottom)	8	1.10	0.60			5.28	Sqm
	W2 (Front)	8	1.10		0.10		0.88	Sqm
	W2 (L & R Side)	16	0.60		0.11		1.08	Sqm
							7.24	Sqm
			TOTAL QUANTITY				12.54	Sqm
79	Plastering (6mm Plaster Surface)							
	Part (A) Ceiling							
	Bedroom	2	3.00	3.60			21.60	Sqm
	Master Bedroom	2	3.60	3.00			21.60	Sqm
	Toilet	4	2.40	1.20			11.52	Sqm
	Kitchen	2	2.10	3.00			12.60	Sqm
	Hall	2	3.30	5.40			35.64	Sqm
	Corridor	1	2.40	3.70			8.88	Sqm
	Entrance Passage	1	2.40	1.30			3.12	Sqm
	Front Balcony	2	3.75	1.60			12.00	Sqm
	Back Balcony	2	2.55	1.50			7.65	Sqm
	Staircase							
	Waist Slab	2	2.62	1.18			6.16	Sqm

	Waist Slab Side Face	2	2.62	0.15	0.79	Sqm
	Side Face Of Steps	18		0.25	0.34	Sqm
	Landing (Bottom)	1	2.40	1.25	3.00	Sqm
		TOTAL QUANTITY			144.89	Sqm
80	Part (B) Chajja					
	W1 (Bottom & Top)	8	1.70	0.60	8.16	Sqm
	W1 (L & R Side Face)	8		0.60	0.54	Sqm
	W1 (Front Side)	4	1.70	0.10	0.68	Sqm
	W2 (Bottom & Top)	16	1.10	0.60	10.56	Sqm
	W2 (L & R Side Face)	16		0.60	1.08	Sqm
	W2 (Front Side)	8	1.10	0.10	0.88	Sqm
		TOTAL QUANTITY			21.90	Sqm
81	Plastering Wall (12mm Plaster Surface)					
	Bedroom (X-axis)	4	3.00	2.88	34.50	Sqm
	Bedroom (Y-axis)	4	3.60	2.88	41.40	Sqm
	Master Bedroom (X-axis)	2	3.60	2.88	20.70	Sqm
	Master Bedroom (Y-axis)	4	3.00	2.88	34.50	Sqm
	Kitchen (X-axis)	2	2.10	2.88	12.08	Sqm
	Kitchen (Y-axis)	2	3.00	2.88	17.25	Sqm
	Hall (X-axis)	4	3.30	2.88	37.95	Sqm
	Hall (Y-axis)	2	5.40	2.88	31.05	Sqm
	Corridor (X-axis)	2	2.40	2.88	13.80	Sqm
	Toilet (X-axis)	4	2.40	2.88	27.60	Sqm
	Toilet (Y-axis)	8	1.20	2.88	27.60	Sqm
		TOTAL QUANTITY			298.43	Sqm
	Deduction					
	MD (1.2 x 2.1)	1	1.20	2.10	2.52	Sqm
	D1 (1.5 x 2.1)	4	1.05	2.10	8.82	Sqm
	D2 (0.9 x 2.1)	8	0.90	2.10	15.12	Sqm
	D3 (0.75 x 2.1)	4	0.75	2.10	6.30	Sqm
	W1 (1.5 x 1.2)	6	1.50	1.20	10.80	Sqm
	W2 (0.9 x 1.2)	10	0.90	1.20	10.80	Sqm
		Deduction			54.36	Sqm
					27.18	Sqm
		TOTAL QUANTITY			271.25	Sqm
82	Plastering Wall (15mm Plaster Surface)					
	Inner Plaster					
	Master Bedroom (X-axis)	2	3.60	2.88	20.70	Sqm
	Kitchen (X-axis)	2	2.10	2.88	12.08	Sqm
	Kitchen (Y-axis)	2	3.00	2.88	17.25	Sqm
	Hall (Y-axis)	2	5.40	2.88	31.05	Sqm
	Corridor (Y-axis)	2	3.70	2.88	21.28	Sqm
	Toilet (X-axis)	4	2.40	2.88	27.60	Sqm
	Staircase					
	Staircase	2	3.50	2.88	20.13	Sqm
		TOTAL QUANTITY			150.08	Sqm
	Deduction					
	D1 (1.5 x 2.1)	2	1.05	2.1	4.41	Sqm
	D2 (0.9 x 2.1)	6	0.9	2.1	11.34	Sqm
	D3 (0.75 x 2.1)	4	0.75	2.1	6.30	Sqm
		Deduction			22.05	Sqm
					11.03	Sqm
		TOTAL QUANTITY			139.05	Sqm
83	Outer Plaster					
	Outer Side (Front)	1	20.20	3.00	60.60	Sqm
	Outer Side (Rear)	1	14.80	3.00	44.40	Sqm
	Outer Side (Left)	1	10.30	3.00	30.90	Sqm

	Outer Side (Right)	1	10.30	3.00	30.90	Sqm
			TOTAL QUANTITY		166.80	Sqm
	Deduction					
	MD (1.2 x 2.1)	1	1.20	2.10	2.52	Sqm
	D1 (1.5 x 2.1)	2	1.05	2.10	4.41	Sqm
	D2 (0.9 x 2.1)	2	0.90	2.10	3.78	Sqm
	W1 (1.5 x 1.2)	6	1.50	1.20	10.80	Sqm
	W2 (0.9 x 1.2)	10	0.90	1.20	10.80	Sqm
			Deduction		32.31	Sqm
					16.16	Sqm
			TOTAL QUANTITY		150.65	Sqm
84	Painting Work					
	White Wash					
	Celling (6mm Plaster Surface)				144.89	Sqm
	Chhajja (6mm Plaster Surface)				21.90	Sqm
	Plaster Inner Wall (12mm Plaster Surface)				271.25	Sqm
	Plaster Inner Wall (15mm Plaster Surface)				139.05	Sqm
	Plaster Outer Wall (15mm Plaster Surface)				150.65	Sqm
			TOTAL QUANTITY		727.74	Sqm
	Putty					
	Celling (6mm Plaster Surface)				144.89	Sqm
	Plaster Inner Wall (12mm Plaster Surface)				271.25	Sqm
	Plaster Inner Wall (15mm Plaster Surface)				139.05	Sqm
			TOTAL QUANTITY		555.19	Sqm
	Interior Paint (Inner Paint)					
	Celling (6mm Plaster Surface)				144.89	Sqm
	Plaster Inner Wall (12mm Plaster Surface)				271.25	Sqm
	Plaster Inner Wall (15mm Plaster Surface)				139.05	Sqm
			TOTAL QUANTITY		555.19	Sqm
	Exterior Paint (Outer Paint)					
	Chhajja (6mm Plaster Surface)				21.90	Sqm
	Plaster Outer Wall (15mm Plaster Surface)				150.65	Sqm
			TOTAL QUANTITY		172.55	Sqm
	Flooring Work					
85	Kota Stone					
	Part (A) Flooring					
	Front Balcony	2	3.75	1.6	12.00	Sqm
	Rear Balcony	2	2.55	1.5	7.65	Sqm
			TOTAL QUANTITY		19.65	Sqm
	Part (B) Dado					
	Front Balcony (X-axis)	2	3.75	0.15	1.13	Sqm
	Front Balcony (Y-axis)	2	0.80	0.15	0.24	Sqm
	Rear Balcony (X-axis)	2	2.55	0.15	0.77	Sqm
			TOTAL QUANTITY		2.13	Sqm
	Part (C) Deduction					
	D1 (1.5 x 2.1)	2	1.05	0.15	0.32	Sqm
	D2 (0.9 x 2.1)	2	0.90	0.15	0.27	Sqm
			Deduction		0.59	Sqm
			TOTAL QUANTITY		1.55	Sqm
86	Vitrified Tiles					
	Part (A) Flooring					

	Bedroom	2	3.00	3.60		21.60	Sqm
	Master Bedroom	2	3.60	3.00		21.60	Sqm
	Hall	2	3.30	5.40		35.64	Sqm
	Entrance Passage	1	2.40	1.30		3.12	Sqm
	Corridor	1	2.40	3.70		8.88	Sqm
	Kitchen	2	2.10	3.00		12.60	Sqm
				TOTAL QUANTITY		103.44	Sqm
	Part (B) Dado						
	Bedroom (X-axis)	4	3.00	0.15		1.80	Sqm
	Bedroom (Y-axis)	4	3.60	0.15		2.16	Sqm
	Master Bedroom (X-axis)	4	3.60	0.15		2.16	Sqm
	Master Bedroom (Y-axis)	4	3.00	0.15		1.80	Sqm
	Hall (X-axis)	4	3.30	0.15		1.98	Sqm
	Hall (Y-axis)	4	5.40	0.15		3.24	Sqm
	Entrance Passage (X-axis)	1	2.40	0.15		0.36	Sqm
	Entrance Passage (Y-axis)	2	1.30	0.15		0.39	Sqm
	Corridor (X-axis)	1	2.40	0.15		0.36	Sqm
	Corridor (Y-axis)	2	3.70	0.15		1.11	Sqm
				TOTAL QUANTITY WITHOUT		15.36	Sqm
	Part (C) Deduction						
	MD (1.2 x 2.1)	2	1.20	0.15		0.36	Sqm
	D1 (1.5 x 2.1)	6	1.05	0.15		0.95	Sqm
	D2 (0.9 x 2.1)	10	0.90	0.15		1.35	Sqm
	D3 (0.75 x 2.1)	4	0.75	0.15		0.45	Sqm
				Deduction		3.11	Sqm
				TOTAL QUANTITY		12.26	Sqm
87	Ceramic Tiles						
	Part (A) Flooring						
	Toilet	4	2.40	1.20		11.52	Sqm
				TOTAL QUANTITY		11.52	Sqm
	Part (B) Dado						
	Kitchen (X-axis)	4	2.10	2.10		17.64	Sqm
	Kitchen (Y-axis)	4	3.00	2.10		25.20	Sqm
	Toilet (X-axis)	8	2.40	2.10		40.32	Sqm
	Toilet (Y-axis)	8	1.20	2.10		20.16	Sqm
	Staircase						
	Staircase Steps	18	0.25	0.90		4.05	Sqm
	Landing (X-axis)	1	2.40	0.90		2.16	Sqm
	Landing (Y-axis)	2	1.25	0.90		2.25	Sqm
				TOTAL QUANTITY		111.78	Sqm
	Part (C) Deduction						
	D2 (0.9 x 2.1)	4	0.90	2.10		7.56	Sqm
	D3 (0.75 x 2.1)	4	0.75	2.10		6.30	Sqm
	W2 (0.9 x 1.2)	2	0.90	1.20		2.16	Sqm
				Deduction		16.02	Sqm
				TOTAL QUANTITY		95.76	Sqm
88	Granite						
	Part (A) Flooring						
	Staircase						
	Landing	1	2.40	1.25		3.00	Sqm
	Tread	18	1.175	0.28		5.82	Sqm
	Riser	20	1.18	0.15		3.53	Sqm
89	Threshold						
	(Window Sill & Door Sill)						
	MD (1.2 x 2.1)	1	1.20	0.20		0.24	Sqm
	D1 (1.5 x 2.1)	4	1.05	0.20		0.84	Sqm
	D2 (0.9 x 2.1)	2	0.90	0.20		0.36	Sqm
	D2 (0.9 x 2.1)	6	0.90	0.10		0.54	Sqm
	D3 (0.75 x 2.1)	4	0.75	0.10		0.30	Sqm

	W1 (1.5 x 1.2)	6	1.50	0.20		1.80	Sqm
	W2 (0.9 x 1.2)	10	0.90	0.20		1.80	Sqm
			TOTAL QUANTITY				18.22 Sqm
90	Noising						
	Staircase Steps	18	1.175			21.15	RM
			TOTAL QUANTITY				21.15 RM
91	Door Frame						
	(Sal Wood Frame)						
	MD (1.2 x 2.1)	1	0.13	0.08	5.40	0.05	Cum
	D1 (1.5 x 2.1)	4	0.13	0.08	5.25	0.20	Cum
	D2 (0.9 x 2.1)	8	0.13	0.08	5.10	0.38	Cum
			TOTAL QUANTITY				0.63 Cum
	Door Frame						
	(Fiber Reinforcement Plastics)						
	D3 (0.75 x 2.1)	4			4.95	19.80	RM
			TOTAL QUANTITY				19.80 RM
92	Door Shutter						
	Part (A) Pannel Door						
	MD (1.2 x 2.1)	1	1.05		2.03	2.13	Sqm
	D1 (1.5 x 2.1)	4	0.90		2.03	7.29	Sqm
			TOTAL QUANTITY				9.42 Sqm
	Part (B) Flush Door						
	D2 (0.9 x 2.1)	8	0.75		2.03	12.15	Sqm
			TOTAL QUANTITY				12.15 Sqm
	Part (C) F.R.P Door						
	D3 (0.75 x 2.1)	4	0.63		2.04	5.09	Sqm
			TOTAL QUANTITY				5.09 Sqm
93	Door Fitting Items	MD	D1	D2	D3	TOTAL	
		1	4	8	4		
	L- Drop	2	8	8	0	18	Each
	Handle	2	8	16	8	34	Each
	Door Stopper	1	4	8	0	13	Each
	Door Holder	1	4	8	4	17	Each
	Tower Bolts	1	4	16	8	29	Each
	Hinges	3	12	24	12	51	Each
	Hook				4	4	Each
94	Alumininu Fixed Frame						
	W1 (1.5 x 1.2)	6		Unit Weight			
	(A) Bottom Portion	6	1.5	1.037		9.33	KG
	(B) Top Portion	6	1.5	0.855		7.70	KG
	(C) Left & Right Side Portion	12	1.2	0.825		11.88	KG
						28.91	KG
	W2 (0.9 x 1.2)	10		Unit Weight			
	(A) Bottom Portion	10	0.9	1.037		9.33	KG
	(B) Top Portion	10	0.9	0.855		7.70	KG
	(C) Left & Right Side Portion	20	1.2	0.825		19.80	KG
						36.83	KG
			TOTAL QUANTITY W1				65.74 KG
95	Alumininu Sliding Frame						
	W1 (1.5 x 1.2)	6		Unit Weight			
	Bottom & Top Portion	36	0.675	0.557		13.54	KG
	Vertical Section Without Lock	24	1.2	0.557		16.04	KG
	Vertical Section With Lock	12	1.2	0.566		8.15	KG
						37.73	KG
	W2 (0.9 x 1.2)	10		Unit Weight			
	Bottom & Top Portion	60	0.405	0.557		13.54	KG
	Vertical Section Without Lock	40	1.2	0.557		26.74	KG
	Vertical Section With Lock	20	1.2	0.566		13.58	KG
						53.86	KG
			TOTAL QUANTITY W1				91.58 KG

96	Glass						
	W1 (1.5 x 1.2)	12	0.75		1.2	10.80	Sqm
	W2 (0.9 x 1.2)	20	0.45		1.2	10.80	Sqm
			TOTAL QUANTITY			21.60	Sqm
97	Mosquite Net (Steel Wire Gauge)						
	W1 (1.5 x 1.2)	6	0.75		1.2	5.40	Sqm
	W2 (0.9 x 1.2)	10	0.45		1.2	5.40	Sqm
			TOTAL QUANTITY			10.80	Sqm
98	Window Grill						
	W1 (1.5 x 1.2)	6	Density - 7850 kg/m3				
	Horizontal Plate (Wt)	12	1.5	0.035	0.005	24.73	KG
	Vertical Plate (Wt)	12	1.2	0.035	0.005	19.78	KG
	Vertical Rod (Wt)	84	1.2	0.01	0.01	79.13	KG
	Horizontal Rod (Wt)	24	1.5	0.01	0.01	28.26	KG
	Hold Fast (Wt)	48	0.1	0.035	0.005	6.59	KG
						158.49	KG
	W2 (0.9 x 1.2)	10	Density - 7850 kg/m3				
	Horizontal Plate (Wt)	20	0.9	0.035	0.005	24.73	KG
	Vertical Plate (Wt)	20	1.2	0.035	0.005	32.97	KG
	Vertical Rod (Wt)	80	1.2	0.01	0.01	75.36	KG
	Horizontal Rod (Wt)	40	0.9	0.01	0.01	28.26	KG
	Hold Fast (Wt)	80	0.1	0.035	0.005	10.99	KG
						172.31	KG
	V (0.35 x 0.35)	4	Density - 7850 kg/m3				
	Horizontal Plate (Wt)	8	0.35	0.035	0.005	3.85	KG
	Vertical Plate (Wt)	8	0.35	0.035	0.005	3.85	KG
	Vertical Rod (Wt)	12	0.35	0.01	0.01	3.30	KG
	Horizontal Rod (Wt)	4	0.35	0.01	0.01	1.10	KG
	Hold Fast (Wt)	16	0.1	0.035	0.005	2.20	KG
						14.29	KG
			TOTAL QUANTITY			345.09	KG
99	Parapet Wall						
	Brickwork	1	53.9	0.2	1	10.78	Cum
			TOTAL QUANTITY			10.78	Cum
	Column Concrete						
	C1	10	0.25	0.4	1	1.00	Cum
	C2	4	0.25	0.4	1	0.40	Cum
			TOTAL QUANTITY			1.40	Cum
	Column Shuttering						
	C1	10	1.3		1	13.00	Sqm
	C2	4	1.3		1	5.20	Sqm
			TOTAL QUANTITY			18.20	Sqm
100	Staircase Tower						
	Column Concrete						
	C1	4	0.25	0.4	2.1	0.84	Cum
			TOTAL QUANTITY			0.84	Cum
	Column Shuttering						
	C1	4	1.3		2.1	10.92	Sqm
			TOTAL QUANTITY			10.92	Sqm
	Beam Concrete						
	GB1	2	2.5	0.25	0.3	0.38	Cum
	GB16	2	2.4	0.25	0.3	0.36	Cum
			TOTAL QUANTITY			0.74	Cum
	Beam Shuttering						
	GB1 (Outer)	2	2.5		0.725	3.63	Sqm
	GB16 (Outer)	1	2.4		0.725	1.74	Sqm
	GB16 (Inner)	1	2.4		0.6	1.44	Sqm
			TOTAL QUANTITY			6.81	Sqm
	Brickwork						
	GB1 and GB16	1	7.4	0.2	1.70	2.52	Cum

	Wall along GB1 and GB16 Front Side of Staircase	1	2.9	0.2	1.9		1.09	Cum
			TOTAL QUANTITY				3.60	Cum
	Sill Band Concrete							
	GB1 and GB16	1	7.4	0.2	0.1		0.15	Cum
	Wall along GB1 and GB16 Front Side of Staircase	1	2.9	0.2	0.1		0.06	Cum
			TOTAL QUANTITY				0.21	Cum
	Sill Band Shuttering							
	GB1 and GB16	1	14.8		0.1		1.48	Sqm
	Wall along GB1 and GB16 Front Side of Staircase	1	5.8		0.1		0.58	Sqm
			TOTAL QUANTITY				2.06	Sqm
	Slab Concrete							
	S1	1	2.4	2.8	0.125		0.84	Cum
	S2	1	2.9	0.65	0.125		0.24	Cum
			TOTAL QUANTITY				1.08	Cum
	Slab Shuttering							
	S1	1	2.4	2.8			6.72	Sqm
	S2	1	2.9	0.65			1.89	Sqm
	Side Slab (left and Right)	2	0.65		0.125		0.16	Sqm
	Side Slab (Front)	1	2.9		0.125		0.36	Sqm
			TOTAL QUANTITY				9.13	Sqm
101	Plaster							
	(6mm Plaster Surface)							
	Staircase Tower Slab	1	2.5	3.55			8.88	Sqm
			TOTAL QUANTITY				8.88	Sqm
	(12mm Plaster Surface)							
	Inner Side of Staircase Surface							
	Wall on GB1	2	3.55		1.975		14.02	Sqm
	Wall on GB16	2	2.5		1.975		9.88	Sqm
			TOTAL QUANTITY				23.90	Sqm
	Deduction							
	D2A (0.9 x 1.9)	1	0.9		1.975		1.78	Sqm
			Deduction (50%)				0.89	Sqm
			TOTAL QUANTITY				23.01	Sqm
	(15mm Plaster Outer Surface)							
	Wall on GB1	2	3.95		2.1		16.59	Sqm
	Wall on GB16	2	2.9		2.1		12.18	Sqm
	Parapet Wall (Inner)	1	60.7		1		60.70	Sqm
	Parapet Wall (Outer)	1	59.8		1		59.80	Sqm
			TOTAL QUANTITY				149.27	Sqm
	Deduction							
	D2A (0.9 x 1.975)	1	0.9		1.975		1.78	Sqm
			Deduction (50%)				0.89	Sqm
			TOTAL QUANTITY				148.38	Sqm
102	Painting Work							
	White Wash							
	6mm Plaster Surface						8.88	Sqm
	12mm Plaster Surface						23.01	Sqm
	15mm Outer Plaster Surface						148.38	Sqm
			TOTAL QUANTITY				180.27	Sqm
	Putty							
	6mm Plaster Surface						8.88	Sqm
	12mm Plaster Surface						23.01	Sqm
			TOTAL QUANTITY				31.88	Sqm
	Interior Paint (Inner Paint)							
	6mm Plaster Surface						8.88	Sqm
	12mm Plaster Surface						23.01	Sqm
			TOTAL QUANTITY				31.88	Sqm

	Exterior Paint (Outer Paint)					
	15mm Outer Plaster Surface				148.38	Sqm
				TOTAL QUANTITY	148.38	Sqm
103	Staircase Door					
	Door Frame					
	D2A (0.9 x 1.975)	1	0.125	0.075	4.85	0.05 Cum
				TOTAL QUANTITY		0.05 Cum
	Flush Door Shutter					
	D2A (0.9 x 1.975)	1	0.75		1.9	1.43 Sqm
				TOTAL QUANTITY		1.43 Sqm
	Door Fitting Items					
	D2A (0.9 x 1.975)					
	L-Drop	1				1 Each
	Handle	2				2 Each
	Door Stopper	1				1 Each
	Tower Bolts	1				1 Each
	Hinges	3				3 Each
104	Plumbing					
	CPVC 50MM pipe		67			67 Length
	CPVC 40MM Pipe		73			73 Length
	CPVC 25MM pipe		5			5 Length
	CPVC 20MM Pipe		80			80 Length
	Commode	8				8 Each
	Jet spray	8				8 Each
	Basin	12				12 Each
	Sink	4				4 Each
	Waste pipe	16				16 Each
	Drain jalli + Hole jalli	28				28 Each
	PVC connection pipe	40				40 Each
	Wall mixer	8				8 Each
	Bib Cock	24				24 Each
	Angle Cock	44				44 Each
	Piller cock/Swan bib Cock	20				20 Each
	Wye	2				2 Each
	union	6				6 Each
	Valve	6				6 Each
	Water tank	4000				4000 Liter
	PVC 75mm pipe		160			160 Length
	Shower	8				8 Each



Satendra
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