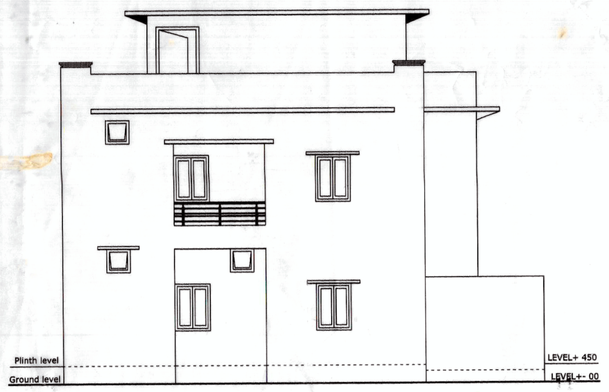
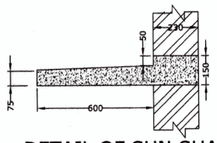
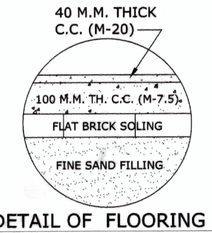


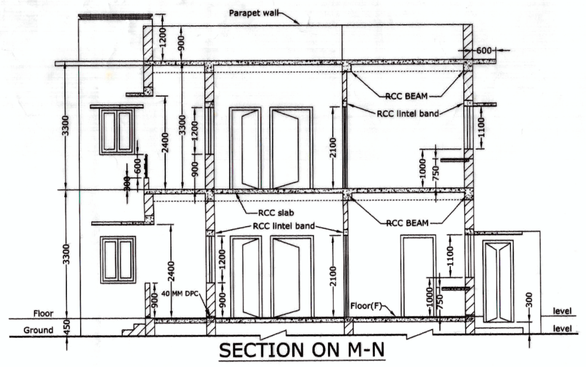
SIDE ELEVATION



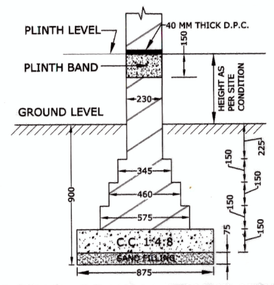
DETAIL OF SUN SHADE



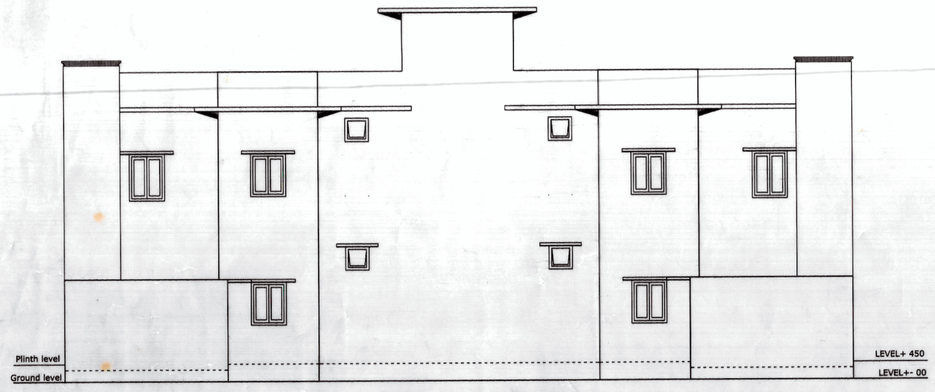
DETAIL OF FLOORING 'F'



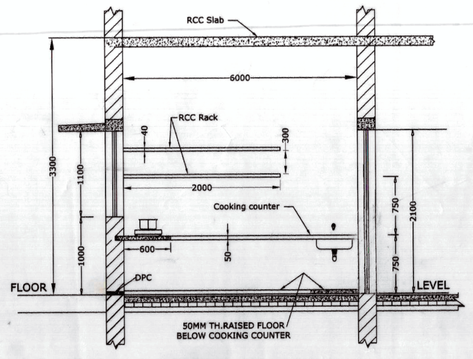
SECTION ON M-N



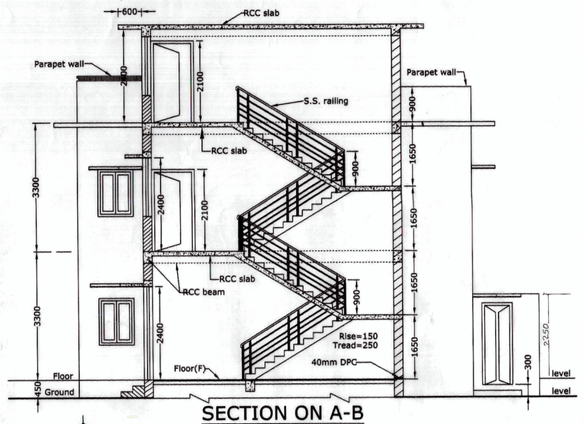
DETAIL OF WALL FOUNDATION



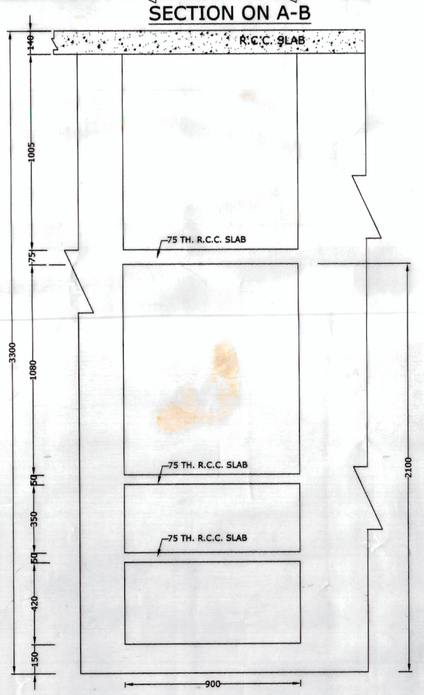
REAR SIDE ELEVATION



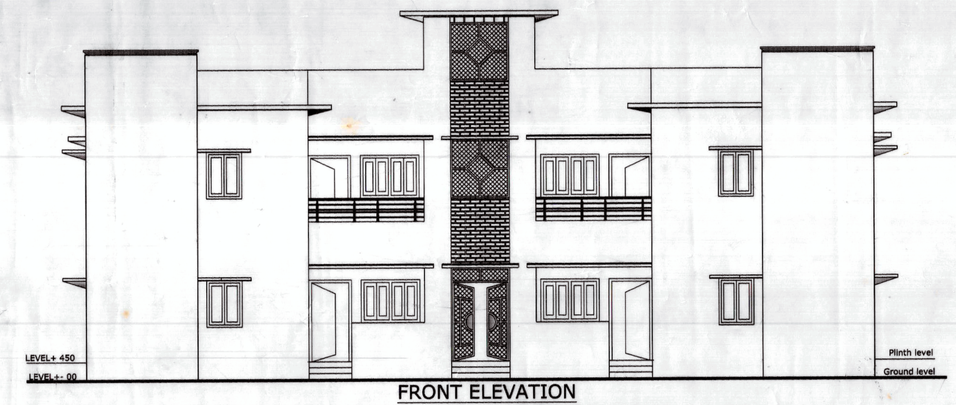
SECTION ON C-D



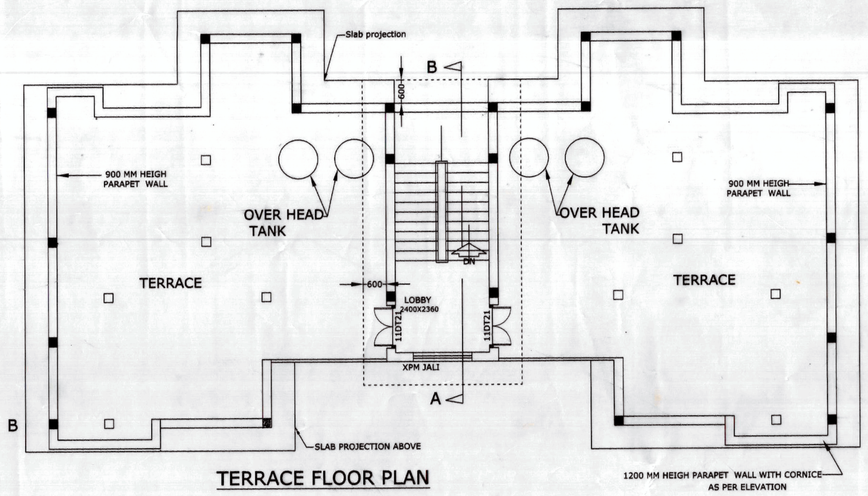
SECTION ON A-B



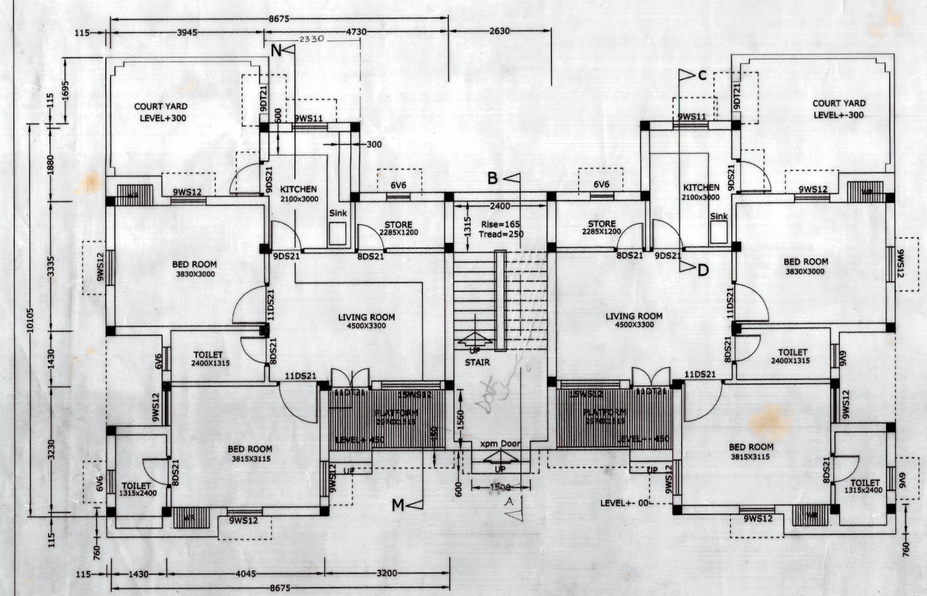
DETAIL OF WORDROB (WR)



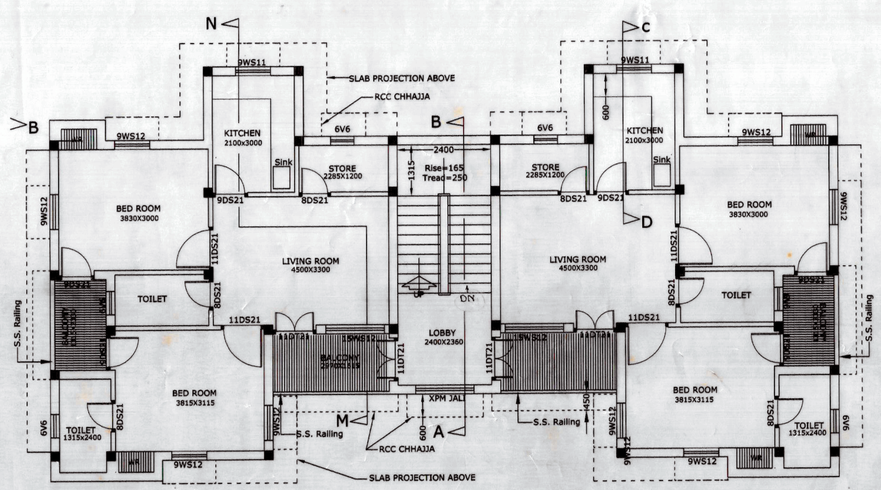
FRONT ELEVATION



TERRACE FLOOR PLAN



GROUND FLOOR PLAN



FIRST FLOOR PLAN

SCHEDLE OF DOORS, WINDOWS, VENTILATERS, WORDROBS (FOR SINGLE SUIT)			
S.No	REQUIRED	MARK	DISCRIPTION
1	2	11DS21	1100X2100
2	1	11DT21	1100X2100
3	2	9DS21	900X2100
4	3	8DS21	800X2100
5	1	15WS12	1500X1200
6	5	9WS12	900X1200
7	1	9WS11	900X1100
8	1	9DT21	900X2100
9	3	6V6	600X600
10	2	WR	900X2100X585
11	1	XPM DOOR	1800x2400

NOTES:-

1. ALL DIMENSIONS ARE IN MILLIMETERS.
2. 115 MM THICK BRICK WORK WILL BE DONE IN 1:4 CEMENT SAND MORTAR.
3. ALL BRICK WORK EXCEPT 115 MM THICK, WILL BE DONE IN 1:6 CEMENT SAND MORTAR.
4. GENERALLY PLINTH LEVEL IS KEPT 460 MM ABOVE NATURAL GROUND LEVEL, BUT IT SHALL BE INSURED THAT IT SHOULD NOT BE LOWER THAN 300 MM ABOVE TOP LEVEL OF ADJOINING ROAD.
5. FLOOR OF THE PLATFORM, W.C. & BATH IS KEPT 10 MM LOWER THAN GENERAL LEVEL.
6. SUNK SLAB OF BATH TO BE KEPT 225 MM LOWER THAN TOP LEVEL OF SLAB.
7. EXTERNAL & INTERNAL TREATMENT OF THE BUILDING SHALL BE PLASTERED IN CEMENT MORTAR 1:6.
8. DRIP COURSE MUST BE PROVIDED IN SLAB PROJECTION ALL AROUND.

SPECIFICATION:-

1.	FOUNDATION & STRUCTURE	AS PER STRUCTURAL REQUIREMENT
2.	SUPER STRUCTURAL	FOR MULTI STORIED FRAME STRUCTURE RCC FRAMED & FILLER WALL OF AERATED, CEMENT CONCRETE(ACC)/CELLULAR CONCRETE BLOCK (CLC)/BRICK WORK/FLY ASH BRICK. FOR LOAD BEARING WALL BRICK WORK / STONE WALL/ ACC/ CLC AS PER REQUIREMENT BRICK WORK/FLY ASH BRICK. INTERNAL PARTITION HALF BRICK THICK MASONARY IN ACC/CLC/FLY ASH BRICKS.
3.	DOORS & WINDOW (1) DOOR	**(A) FRAMES (EXCEPT OF BATH & WC)** 2ND CLASS TEAK WOOD / UPVC EXTRUDED FRAME SECTION WITH WALL THICKNESS MINIMUM 2MM./POWDER COATED OR ANODIZED ALUMINUM EXTRUDED/TUBULAR SECTION / ENGINEERED WOOD SECTION. ALL FRAME OF EXTERNAL DOORS & WINDOWS MUST HAVE DOUBLE REBATES FOR FIXING OF MOSQUITO PROOF WIRE - MESH SHUTTERS ON EXTERNAL SIDE.
	(11) WINDOW	2ND CLASS TEAK WOOD / UPVC EXTRUDED FRAME SECTION WITH WALL THICKNESS MINIMUM 2MM./POWDER COATED OR ANODIZED ALUMINUM EXTRUDED/ TUBULAR SECTION / ENGINEERED WOOD SECTION ALONG WITH THE PROVISION OF SUB FRAME OF SUITABLE MATERIAL. (111) DOORS / WINDOWS OF BATH & WC. 2ND CLASS TEAK WOOD / UPVC EXTRUDED FRAME SECTION WITH WALL THICKNESS MINIMUM 2MM./POWDER COATED OR ANODIZED ALUMINUM EXTRUDED/TUBULAR SECTION / ENGINEERED WOOD SECTION.
		(B) SHUTTERS
	MAIN DOOR/EXTERNAL DOOR SHUTTER	DOUBLE SHUTTERS ONE WITH PAINTED IRON GRILL WITH STAINLESS STEEL GRADE-304 MOSQUITO PROOF WIRE MESH AND OTHER 35 MM THICK FACTORY MADE HARD WOOD FRAMED PANELED SHUTTER WITH MELAMINE POLISH. OR 35 MM THICK M.S. TUBULAR BOX SECTION STYLES AND RAILS FRAME WITH HARD WOOD PANELS. OR FACTORY MADE FLUSH DOOR.
	KITCHEN DOOR	35 MM THICK SHUTTER HAVING 12 MM THICK PRE-LAMINATED (ONE SIDE DECORATIVE AND OTHER SIDE BALANCING) PARTICLE BOARD PANEL AT THE BOTTOM PART AND STAINLESS STEEL WIRE MESH AT UPPER PART.
	BATH & W.C.	35 MM THICK PRE-LAMINATED FLUSH DOOR (ONE SIDE DECORATIVE OTHER SIDE BALANCING).
	ALL WINDOW SHUTTERS	**(C) WINDOWS SHUTTERS** DOUBLE SHUTTERS ONE WITH M.S. TUBULAR BOX SECTION/HARDWOOD FRAMED GLAZED PANEL AND OTHER WITH WIRE MESH SHUTTER.
	MAIN UNIT	**(D) HARDWARE & FITTINGS** POWDER COATED/ANODIZED ALUMINIUM S.S. FITTINGS. RUBBERIZED DOOR FLASHING AT THE BOTTOM RAILS OF ALL EXTERNALS DOOR SHALL BE PROVIDED FOR PROTECTION FROM INSECT AND RAIN WATER ETC.
4.	FLOORING SKIRTING & DADO LIVING /DRAWING ROOM & FAMILY ROOM	FLOORING:- VITRIFIED / CERAMIC TILE FLOORING OF SIZE NOT LESS THAN 400MMX400MM.
	BED ROOM	SCRATCH RESISTANT CERAMIC TILES / VITRIFIED TILES OF SIZE NOT LESS THAN 400 MM X 400 MM WITH JOINTS FINISHED WITH MATCHING GROUT.
	KITCHEN	ANTI SKID VITRIFIED TILES OF SIZE NOT LESS THAN 300 MM X 300 MM WITH WATER ABSORPTION LESS THAN 0.08% LAID SEAMLESS WITH JOINTS FINISHED WITH MATCHING GROUT.

Item no.	Item	Remark
5	Kitchen cabinet	
(i)	Cooking platform	yes
(ii)	stainless steel AISI 304(18/8) kitchen sink as per IS 13983 with drainboard.	yes
(iii)	Built in cupboard without any shelves but with shutters of 18 mm thick prelaminated decorative particles board below cooking platform as per architectural design and specifications.	yes
(iv)	1" thick and not more than 40 mm wide pre-laminated non decorative particle board/plywood shelves in tier upto 7' height covered with pre-laminated decorative partide board shutters along one wall as per architectural design and specification.	yes
6	**Wardrob -** Built in cupboard 650 mm wide with 18 mm thick pre-laminated non decorative partide board as shelves and 18 mm thick pre-laminated decorative partcle board as shutter/steel Almirah.	one in each bed room upto cieling height
7	Magic eye in front of entry door	one
8	Curtain rod with required accessories	In all windows/door in all rooms except kitchen, bath, & wc.
9	Set of pegs	Bath & wc.
10	18 mm thick projected window Cill linning, Window jambs	Kota stone , green morble
11	Orissa wc pan (European style) with low level dual flusing PVC cistern	one
12	Wash basin with cp brass mixture type for hot & cold water with single lever with quarter turn ceremic cartridge	one
13	Tap (kitchen bath & wc) CP brass /PTMT bib cock provide with quarter turns ceramic cartridge.	2 in kitchen, 1 in each bath & wc - PTMT
14	Shawer in CP brass mixture type tap for hot & cold water with single lever , ceramic cartridge quarter turn	1 in bath
15	Towel rail CP Brass /PTMT	one PTMT in bath
16	Mirror with PTMT glass shelf	600x450 mm with washbasin
17	Soap rake /Niche as per architectural design and specification	one in bath.
18	Plumbering for water purifier and geyser	yes
19	Storage tank of capacity as per NBC 2005 provision of separate tank for WC & drinking water.	Seperate tanks for kitchen , bath & wc as per requirement for dual flushing system.

FOR EPC TENDER ONLY

C.P.D.E.	
DY.C.E.(P&D)	
AXEN./PL.	
DESIGNATION	SIGNATURE
C E'S PLAN NO.	GML1-2015 T-907005

North Eastern Railway

Head Quarter Office

TYPE PLAN

TYPE III (D.S.) STAFF QUARTER

SCALE	NOT TO SCALE
CE'S CASE NO.	W/22/BUILDING/T.P./DRG

SUNIL KUMAR SRIVASTAV J.E./BLDG. & STR. PREPARED BY

M.N.PRAJAPATI S.S.E./BLDG. & STR.

MAHENDRA NATH S.S.E./DRG. INCH.