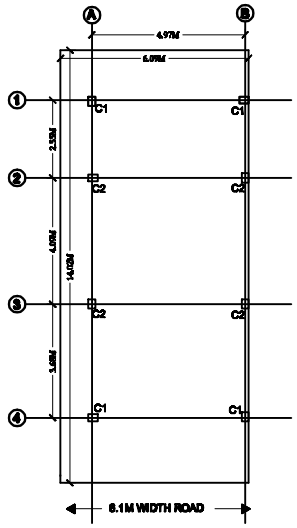
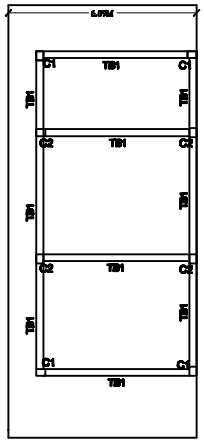
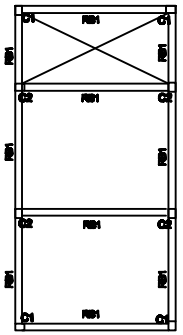
PRODUCED BY AN AUTODESK EDUCATIONAL PRODUCT



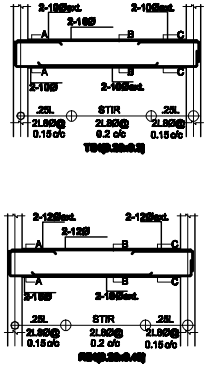
COLUMN CENTRELINE PLAN

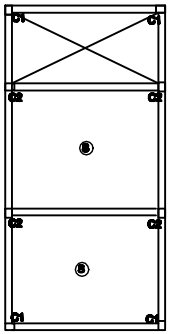


TIE BEAM LAYOUT PLAN

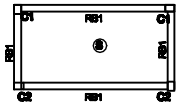


GROUND & FIRST ROOF BEAM LAYOUT PLAN

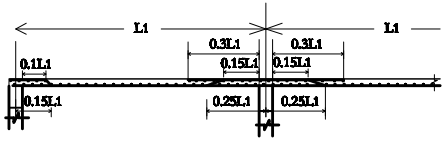




GROUND & FIRST SLAB LAYOUT PLAN

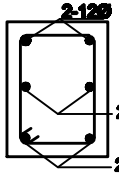
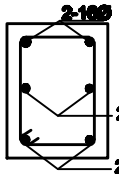


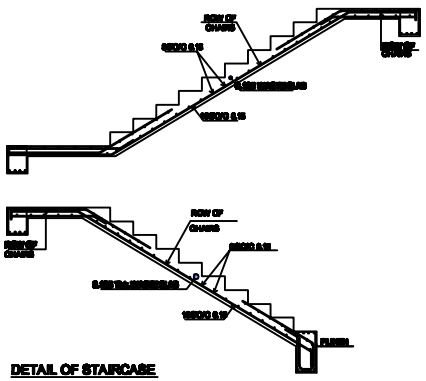
MUMTY ROOF
BEAM LAYOUT PLAN
SLAB LAYOUT PLAN



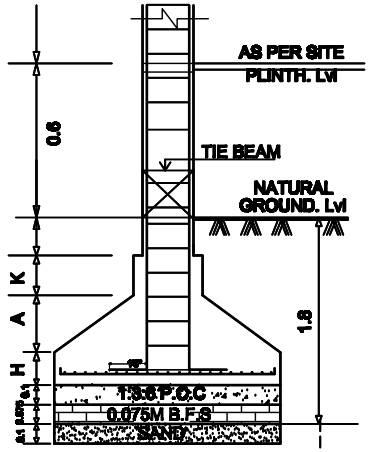
PANEL MKD & SLAB THK	REINFORCEMENT			
	AST AS SHORT	TOP AS SHORT	AST AS LONG	TOP AS LONG
S - 0.15	8Ø@ 0.15 c/c	8Ø@ 0.3 c/c,CRND +8Ø@ 0.3 c/c,EXT	8Ø@ 0.15 c/c	8Ø@ 0.3 c/c,CRND +8Ø@ 0.3 c/c,EXT

COLUMN SCHEDULE

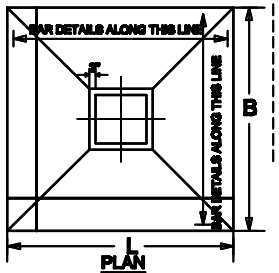
COLUMN MKD.	COLUMN SIZE	REINFORCEMENT	
		COLUMN SHAPE	STIRRUPS:
C1	0.25x0.3		8 Ø @0.150 C/C (2L)
C2	0.25x0.45		8 Ø @0.150 C/C (2L)



DETAIL OF STAIRCASE



TYPICAL DETAILS OF
SECTIONAL ELEVATION



PLAN
TYPICAL DETAILS OF
COLUMN FOOTING

STRUCTURAL DRAWINGS

OWNER:-

SRI JASBIR SINGH & OTHER'S

PLOT DETAILS:-

HOLDING NO : 422
BLOCK - A TUILADUNGRI AREA
JAMSHEDPUR

DOOR WINDOW AND VENTILATION DETAIL

1.	D	1.05M X 2.10M	Panelled to single shutter door.
2.	D1	0.90M X 2.10M	Panelled to single shutter door.
3.	D2	0.75M X 2.10M	Panelled to single shutter door.
4.	W	1.20M X 1.2M	Glazed steel framed window 4. shutt.
5.	W1	0.90M X 1.2M	Glazed steel framed window 2. shutt.
6.	W2	1.20M X 1.2M	Glazed steel framed window 2. shutt.
7.	W3	0.91M X 1.2M	Glazed steel framed window 2. shutt.
8.	V1	1.20M X 0.6M	Top hung steel ventilator.
9.	V	0.60M X 0.6M	Top hung steel ventilator.

Note:- Size should be approximate to others.

GENERAL SPECIFICATIONS :-

1. FOUNDATION :- R.C.C. 1:4:8 WITH BRICK WORK 1:6 UP TO PLINTH LEVEL. (S.C.C. FOOTING AS PER SOIL DATA)
2. R.B.C. :- 1:4 THK. D.P.C. AT PLINTH LEVEL.
3. SUPER STRUCTURE :- BRICK WORK 9.2M 4-9.4:1 =THK.(1-6 LINTEL, CHAJA, SUAH CASH AS PER STRUCTURAL DETAILS.
4. FLOORING :- 15mm THK. CEMENT CONC. WITH 25mm THK. 1X1 FLOOR TILES.
5. ROOF :- 10 mm THK. R.C.C. SLAB WITH A VERAGE 114mm THK. BRICK BATS, KOTA ON TOP.
6. UPPER FLOOR :- 9.125 THK. R.C.C. SLAB WITH 25mm THK. 1X1 FLOOR, EDGIN ON TOP.
7. PLASTER :- 20mm THK. CEMENT PLASTER TO BE PROVIDED IN SIDE, AND OUT SIDE BUILDING.
8. TOILET :- BYE-LAWS SHALL BE STRICTLY OBSERVED. CLASS 1st MUZZAT FITTINGS AND TO BE CONNECTED ROAD SEWER LINE.
9. DOOR :- SALWOOD FRAME WITH 1.5 PLY, FLUSH DOOR WELL-D SHUTTER
10. WINDOW :- SALWOOD FRAME WITH 10.5MM SHEET GLASS AND 10.5MM GRILL TO BE PROVIDED AS PER STRUCTURAL DETAILS

SIGNATURE OF OWNER :

Sd/ RAJENDER SINGH TEDI

SIGNATURE OF CONSULTANT

ENGINEER

OFFICER

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