

STRUCTURAL DRAWINGS

OWNER:-
SITA DEVI CHAUDHARY
MONICA CHAUDHARY

PLOT DETAILS:-
HOLDING NO : 227
KASIDIH AREA,
JAMSHEDPUR

DOOR WINDOW AND VENTILATION DETAIL

NO.	SYMBOL	SIZE	DETAIL
1.	D	1.06M X 2.13M	Pannelled Lw single shutter door.
2.	D1	0.91MX2.13M	Pannelled Lw single shutter door.
3.	D2	0.76MX2.13M	Pannelled Lw single shutter door.
4.	W	1.8MX1.2M	Glazed steel framed window 4. shutt.
5.	W1	0.6MX1.2M	Glazed steel framed window 3. shutt.
6.	W2	1.2MX1.2M	Glazed steel framed window 2. shutt.
7.	W3	0.91MX1.2M	Glazed steel framed window 2. shutt.
8.	V1	1.22MX0.61M	Top hung steel ventilator.
9.	V	0.61MX0.61M	Top hung steel ventilator.

Note- this detail is applicable in all floor.

GENERAL SPECIFICATIONS :-

- FOUNDATION :- P.C.C. 148 WITH BRICK WORK 148 UP TO PLINTH LEVEL (R.C.C. FOOTING AS/ STRL DTLS)
- D.P.C. :- 1" THK D.P.C. AT PLINTH LEVEL
- SUPPER STRUCTURE :- BRICK WROK 0.229 & 0.114 THK (1:6) LINTEL, CHAJJA, STAIR CASE AS/STRUCTURAL DETAILS.
- FLOORING :- 100mm THK CEMENT CONC. WITH 50mm THK L.P.S. FLOOR FINISH.
- ROOF :- 114mm THK R.C.C. SLAB WITH AVERAGE 114mm THK BRICK BATS, KHOA ON TOP.
- INNER FLOOR :- 0.152 THK R.C.C. SLAB WITH 25mm THK L.P.S. FLOOR, FINISH ON TOP.
- PLASTER :- 20mm THK CEMENT PLASTER TO BE PROVIDED IN SIDE AND OUT SIDE BUILDING.
- TOILET :- I.W. SHOWERS, WASH BASINS ETC. WITH FIRST CLASS SANITARY FITTINGS & TO BE CONNECTED ROAD SEWER LINES
- DOOR :- SALWOOD FRAME WITH 1.5" THK FLUSH OR PANNELLED SHUTTER
- WINDOW :- SALWOOD FRAME WITH FLUSH & PANNELLED & GLASSED SHUTTER MS GRIL TO BE PROVIDED AS/STRUCTURAL DETAILS

SIGNATURE OF OWNER :

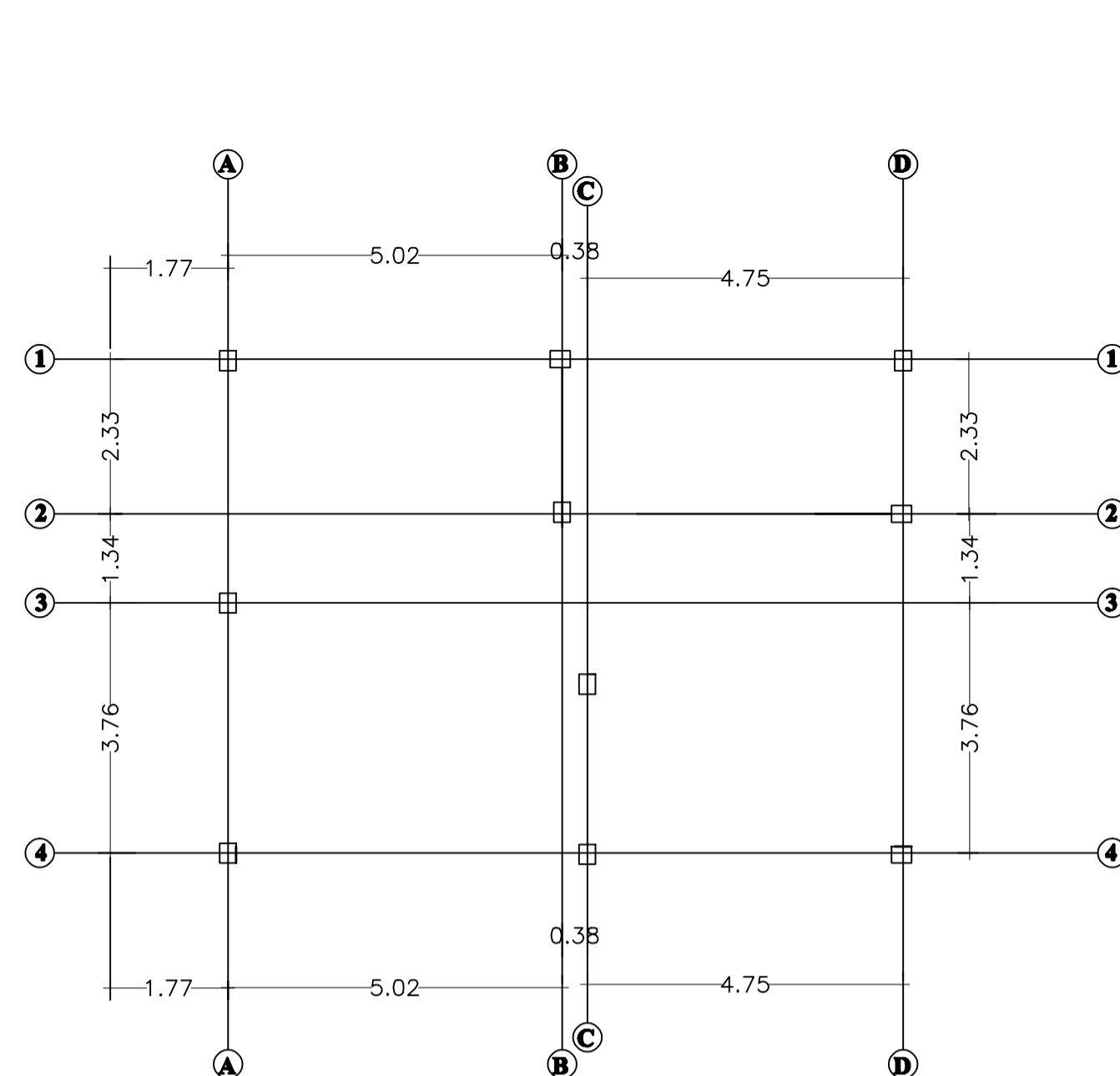
Sri BALBINDER SINGH BEDI

SIGNATURE OF CONSULTANT

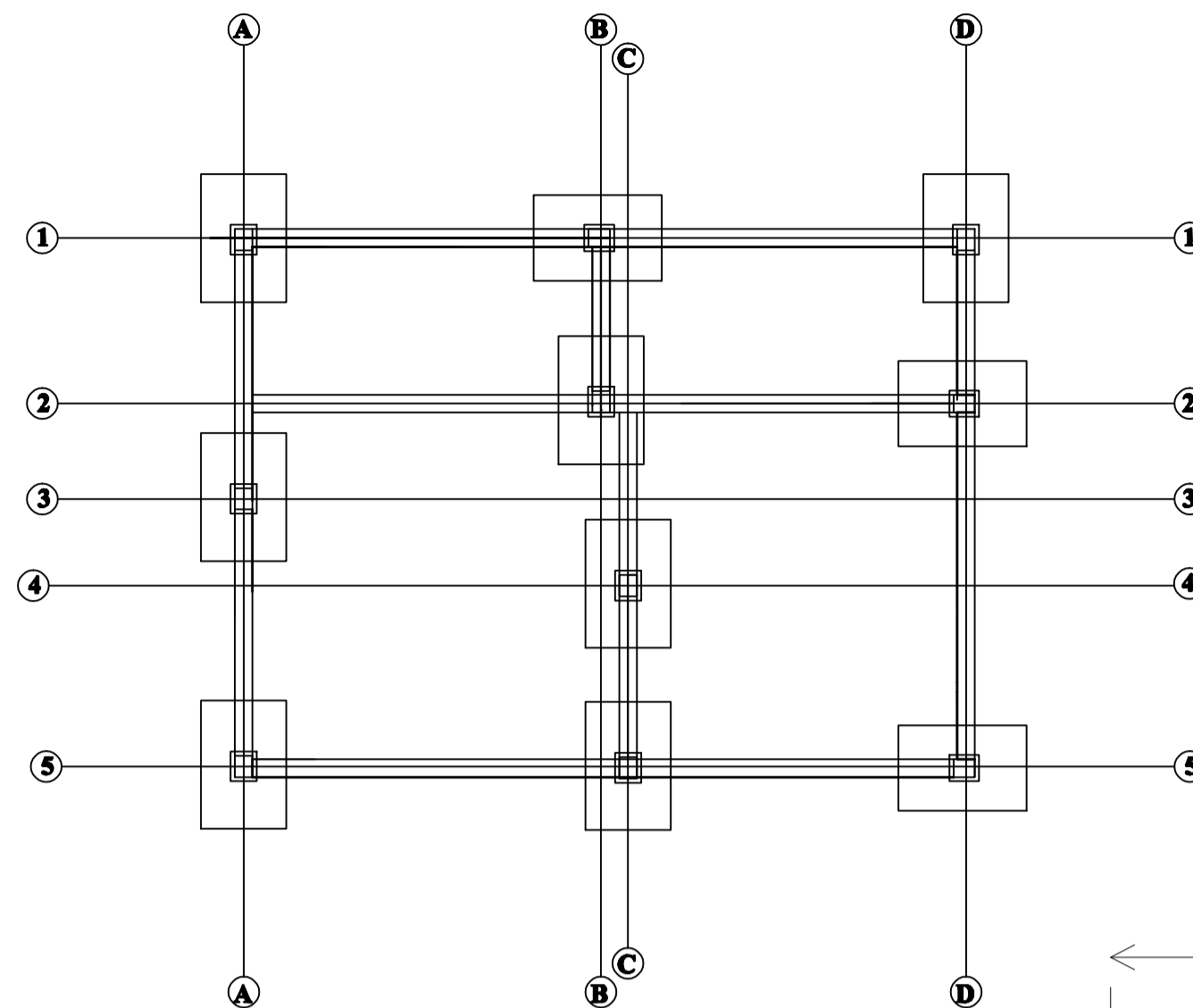
CHHAYA ARCHITECT & CONSULTANTS
Office : Third Floor, Taj Building, Sakchi
Jamshedpur.
M-9204013674 9234804901 223 3667

ENGINEER

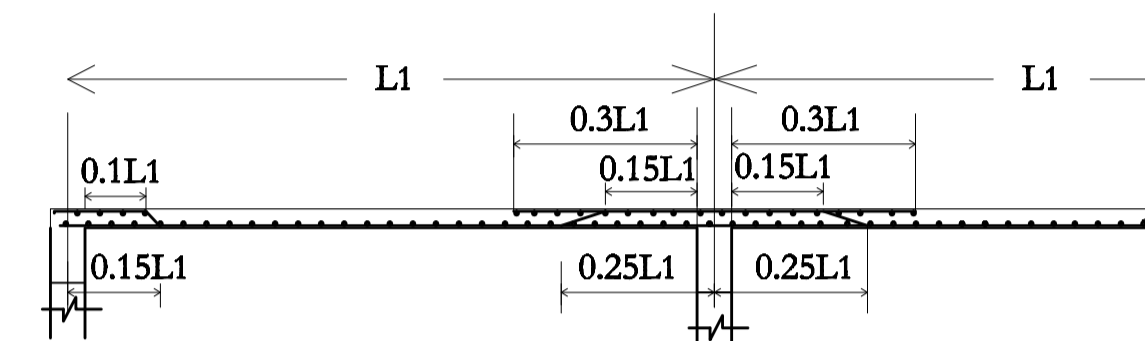
OFFICER



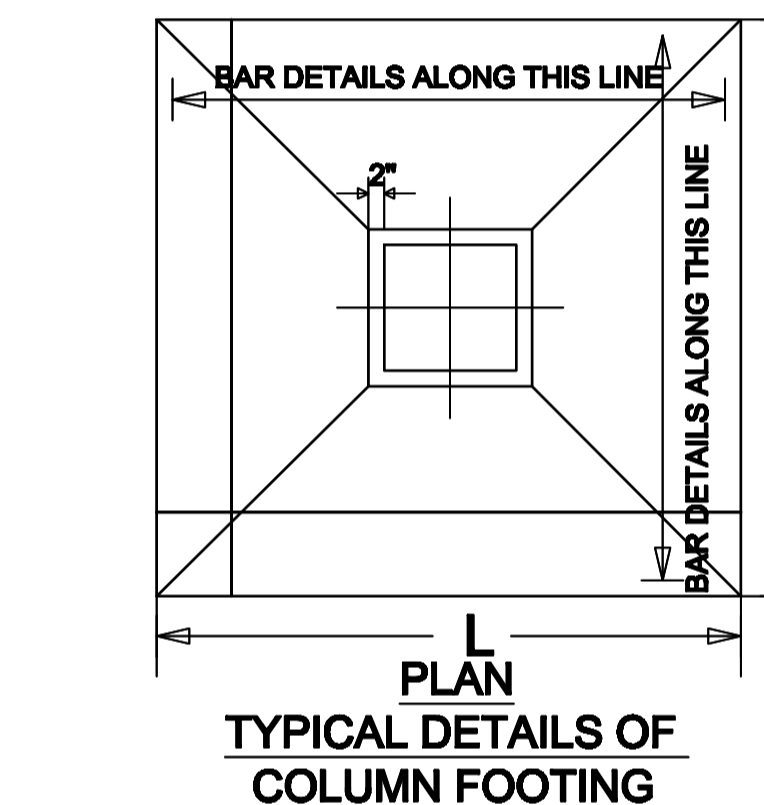
COLUMN LAYOUT PLAN



FOOTING LAYOUT PLAN

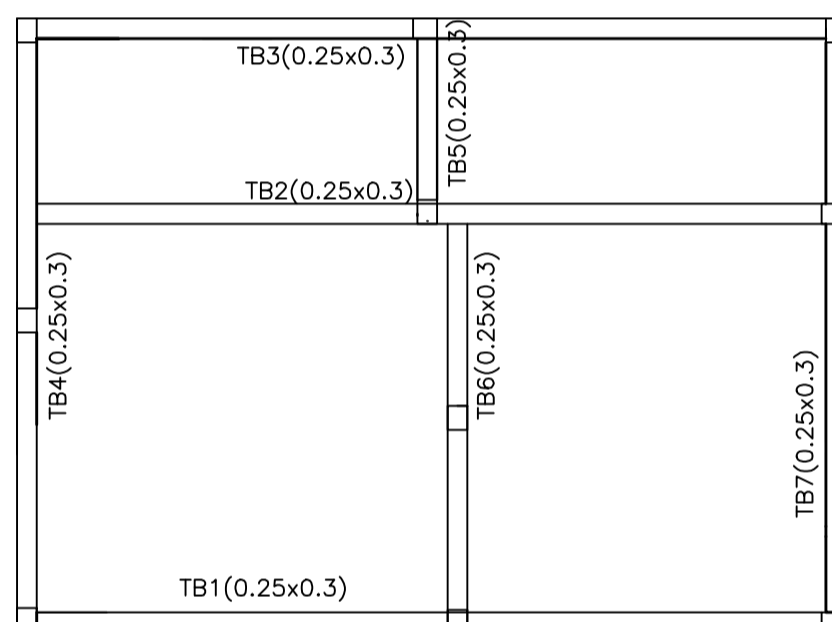


TYPICAL DETAILS OF SECTIONAL ELEVATION

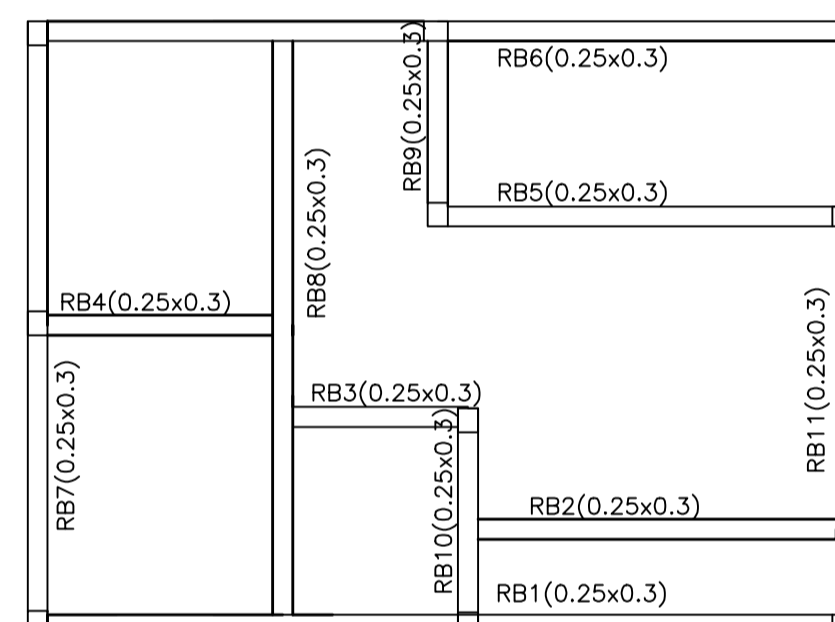


TYPICAL DETAILS OF COLUMN FOOTING

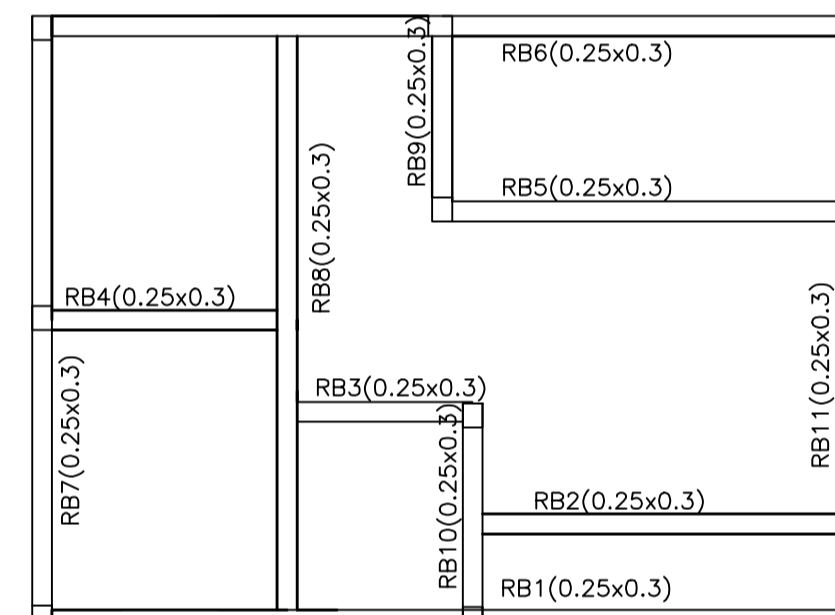
PANEL MKD & SLAB THK	REINFORCEMENT			
	AST AS SHORT	TOP AS SHORT	AST AS LONG	TOP AS LONG
S - 0.110	8Ø @ 0.15 c/c	8Ø @ 0.3 c/c CRND +8Ø @ 0.3 c/c EXT	8Ø @ 0.15 c/c	8Ø @ 0.3 c/c CRND +8Ø @ 0.3 c/c EXT



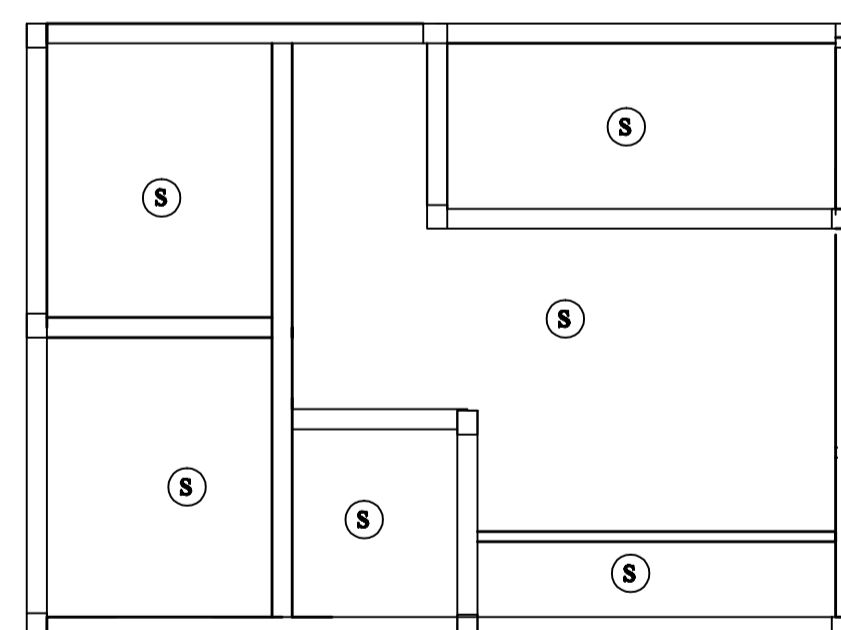
TIE BEAM LAYOUT PLAN



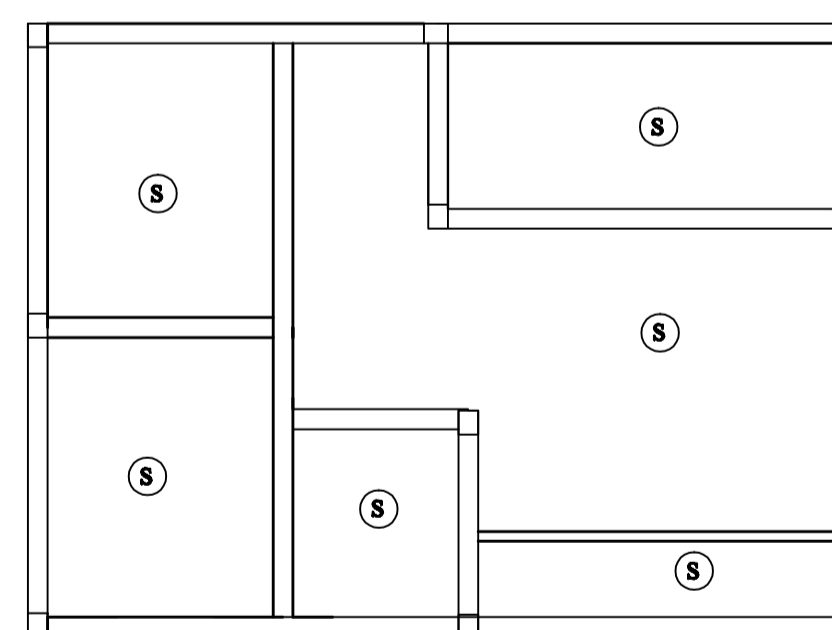
FIRST FLOOR TIE BEAM LAYOUT PLAN



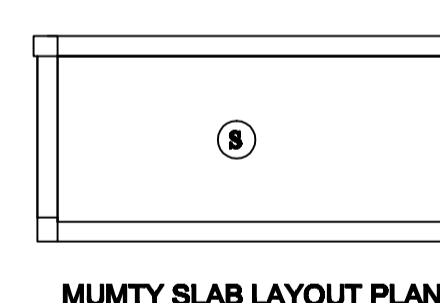
ROOF FLOOR TIE BEAM LAYOUT PLAN



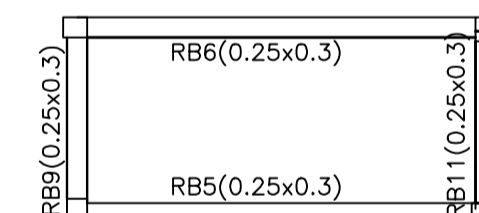
FIRST FLOOR SLAB LAYOUT PLAN



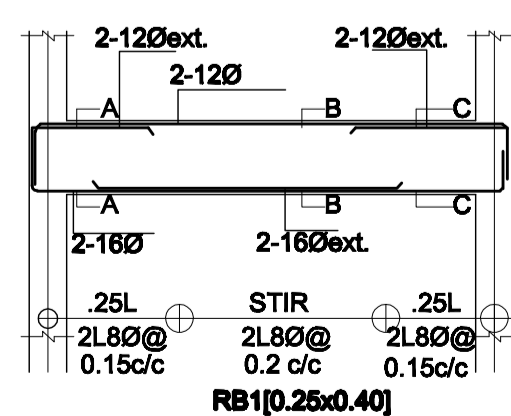
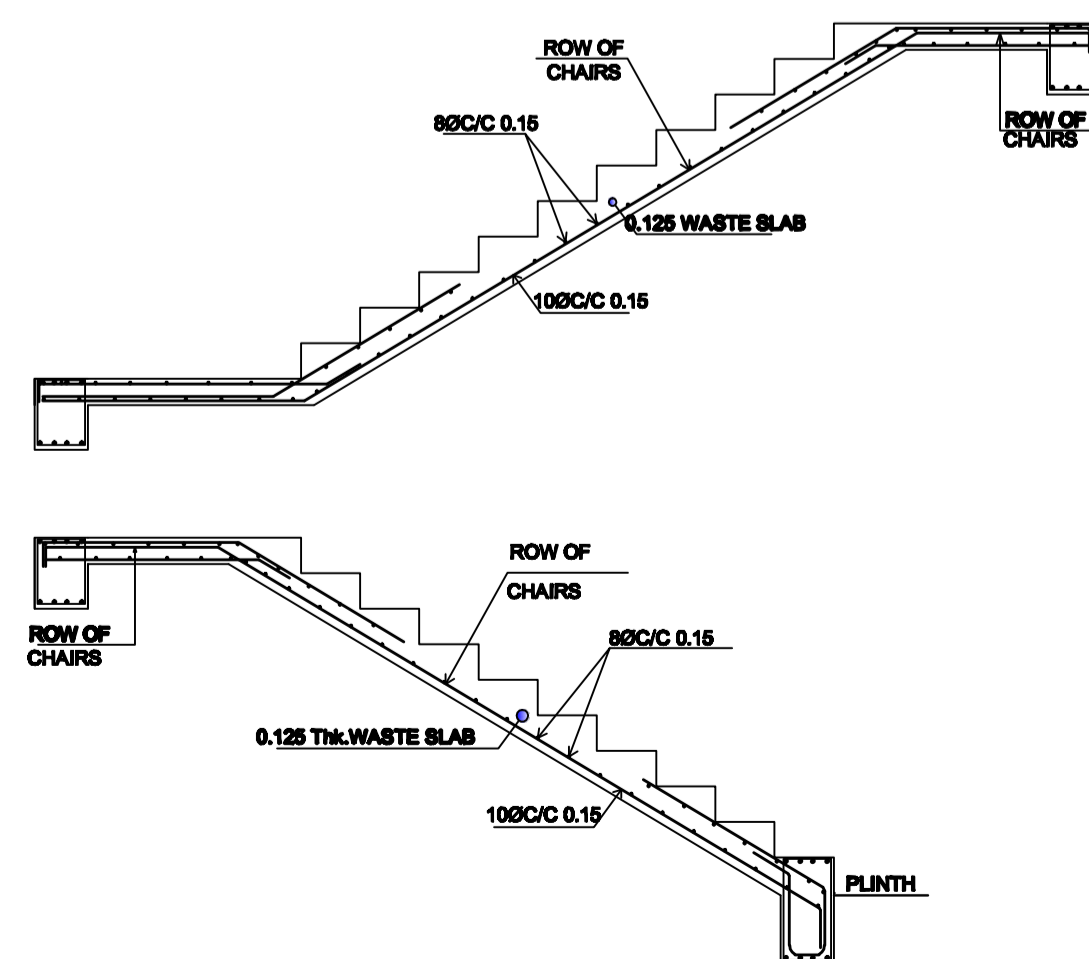
ROOF FLOOR SLAB LAYOUT PLAN



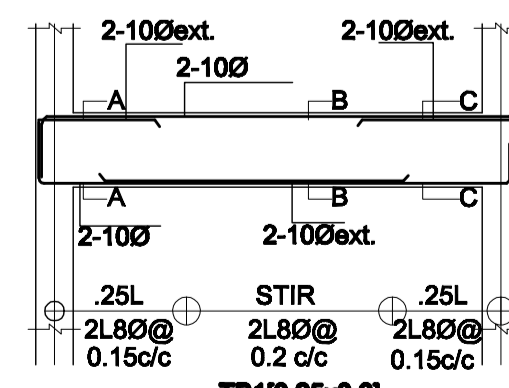
MUMTY SLAB LAYOUT PLAN



MUMTY ROOF BEAM LAYOUT PLAN



RB1[0.25x0.40]



TB1[0.25x0.3]

COLUMN MKD.	COLUMN SIZE	COLUMN SCHEDULE	
		REINFORCEMENT	STIRRUPS:
C1	0.25x0.3	2-12Ø 	8 Ø @0.150 C/C (2L)
C2	0.25x0.45	2-16Ø 	8 Ø @0.150 C/C (2L)