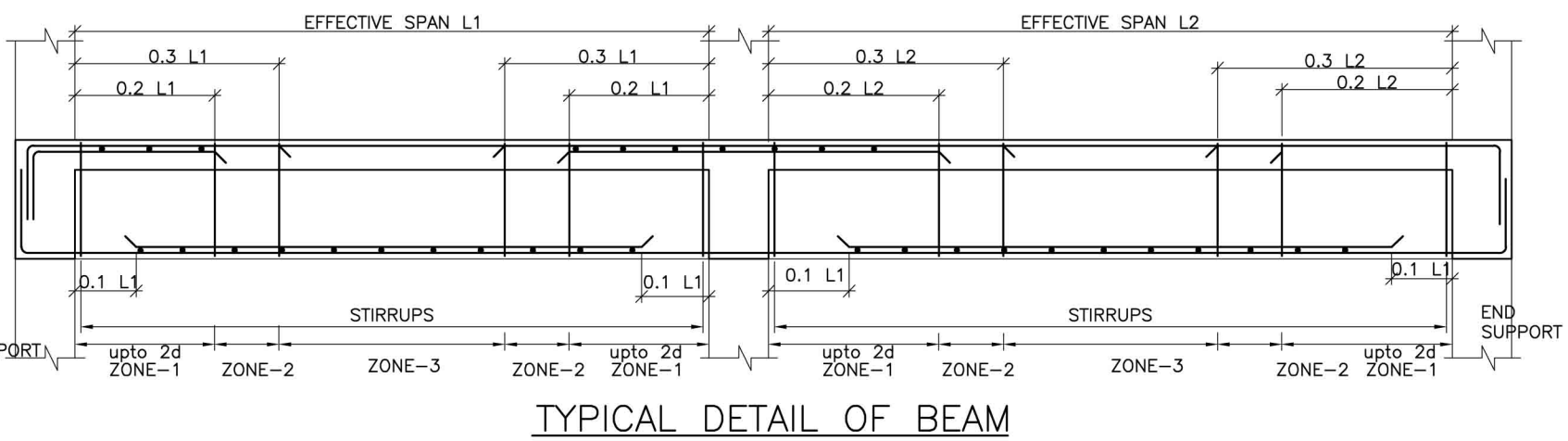


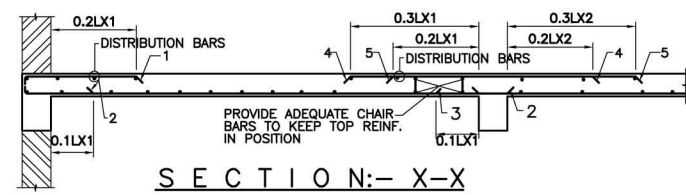
COLUMN SCHEDULE GRADE OF CONCRETE - M25						
2nd FLOOR TO ROOF LVL.	12-16 TOR	12-20 TOR	12-16 TOR	8-20 +4-16TOR	6-16 +6-12TOR	FND. TO TIE BEAM
FOUNDATION TO 2nd FLOOR	6-20 +6-16TOR	12-20 TOR	6-20 +6-16TOR	8-20 +4-16TOR	12-16 TOR	4-16 TOR
LINKS DETAILS						
C/S OF COLUMN						
COL SIZE	300X450	300X500	300X500	300X450	300X450	300X300
LINK	8T @ 100 C/C UPTO 750 FROM BEAM SOFFIT & SLAB TOP & REST PORTION 8T @ 200 C/C					
COL MARKED	C1,C4,C5,C6,C7,C8,C9,C13.	C2.	C3.	C10	C11,C12,C14,C15,C16,C17,C18,C19,C20	SC.

SCHEDULE OF FOOTING				
FOOTING MKD.	FOOTING SIZE	FOUNDATION DEPTH		REINFORCEMENT
		total depth (D)	min. depth (d)	
F1	2000X2000	400	250	12 T @ 125 C/C
F2	2250X2250	400	250	12 T @ 100 C/C
F3	2400X2400	450	250	12 T @ 100 C/C
F4	2600X2600	500	250	12 T @ 100 C/C
F5	3000X3000	550	300	16 T @ 100 C/C
F6	6750X7300	500	500	16 T @ 100 C/C

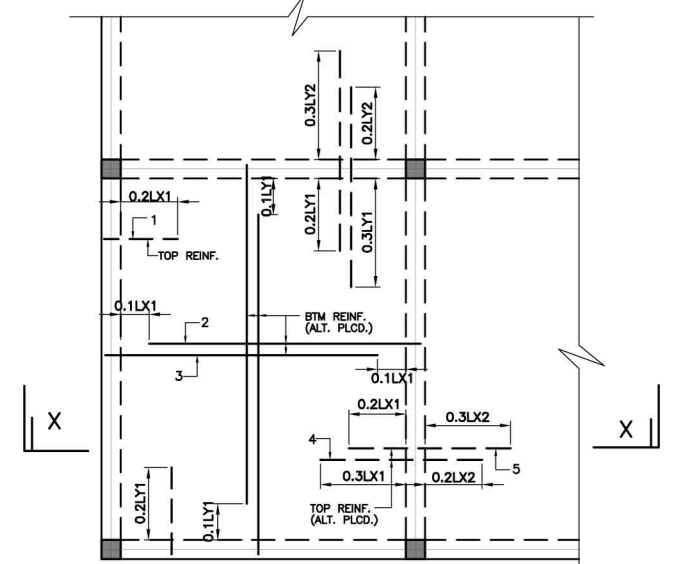
SCHEDULE OF FLOOR AND ROOF SLAB		
PANEL MKD.	REINFORCEMENT IN SHORTER DIRECTION	REINFORCEMENT IN LONGER DIRECTION
S1(125 TK.)	8 TOR @125 C/C(Top) 8 TOR @150 C/C(Bott.)	8 TOR @150 C/C(Top) 8 TOR @175 C/C(Bott.)
S2(115 TK.)	8 TOR @150 C/C(Top) 8 TOR @175 C/C(Bott.)	8 TOR @200 C/C(Top) 8 TOR @200 C/C(Bott.)
S3(175 TK.)	8 TOR @100 C/C(Top) 8 TOR @125 C/C(Bott.)	8 TOR @125 C/C(Top) 8 TOR @150 C/C(Bott.)
S4(125 TK.)	8 TOR @125 C/C(Top) 8 TOR @150 C/C(Bott.)	8 TOR @150 C/C(Top) 8 TOR @150 C/C(Bott.)



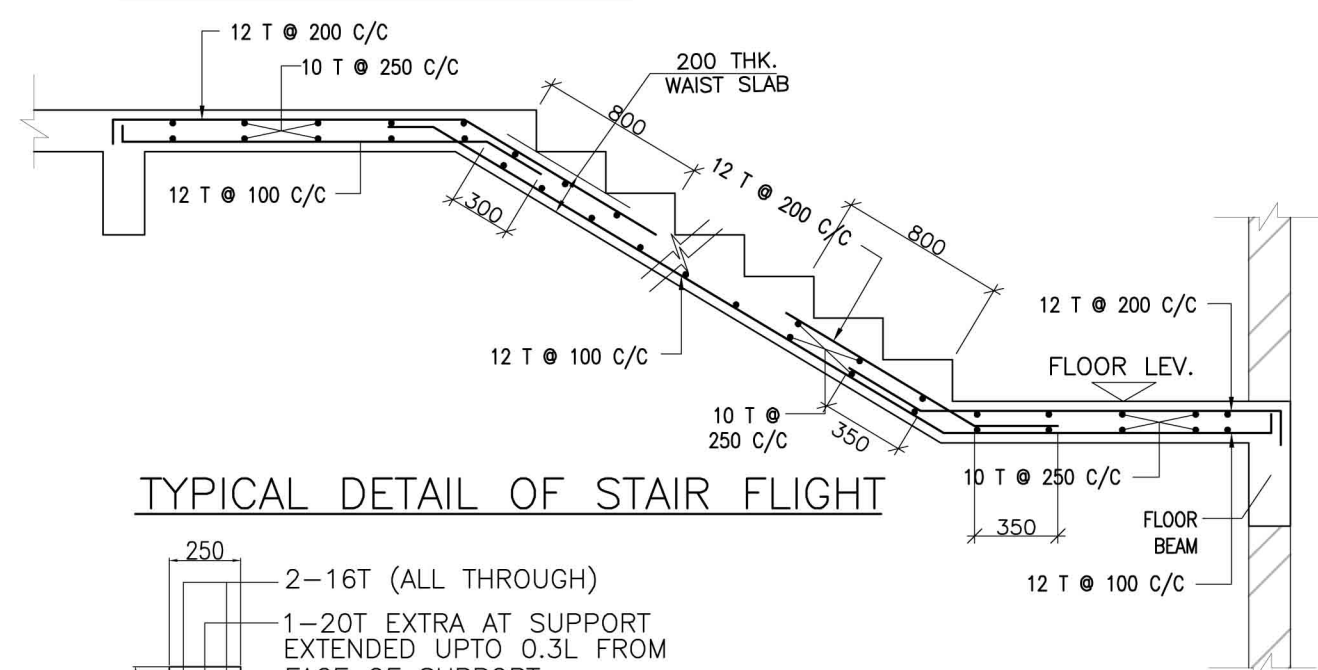
TYPICAL DETAIL OF BEAM



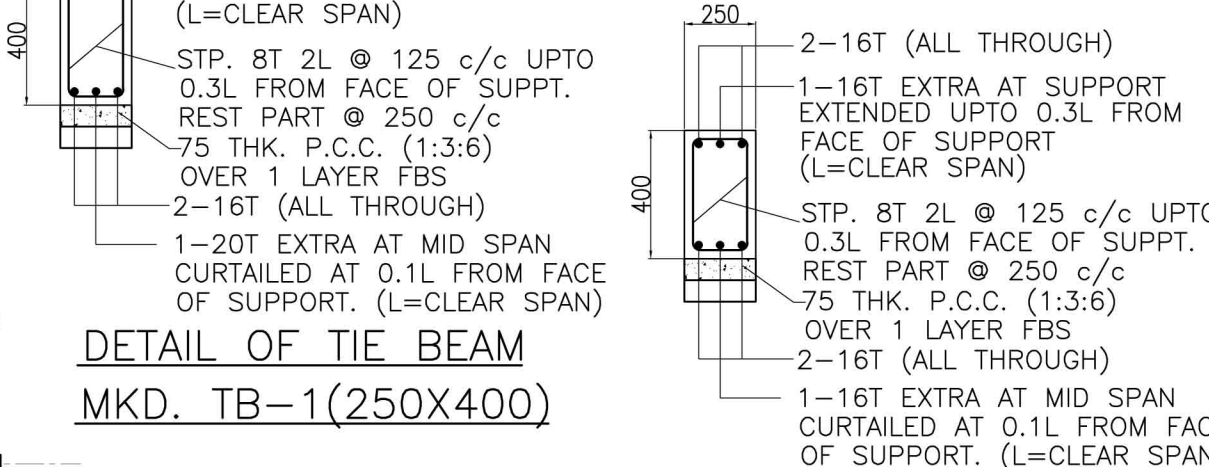
SECTION N-X-X



TYPICAL REIN. ARRANGEMENT IN SLAB PANEL

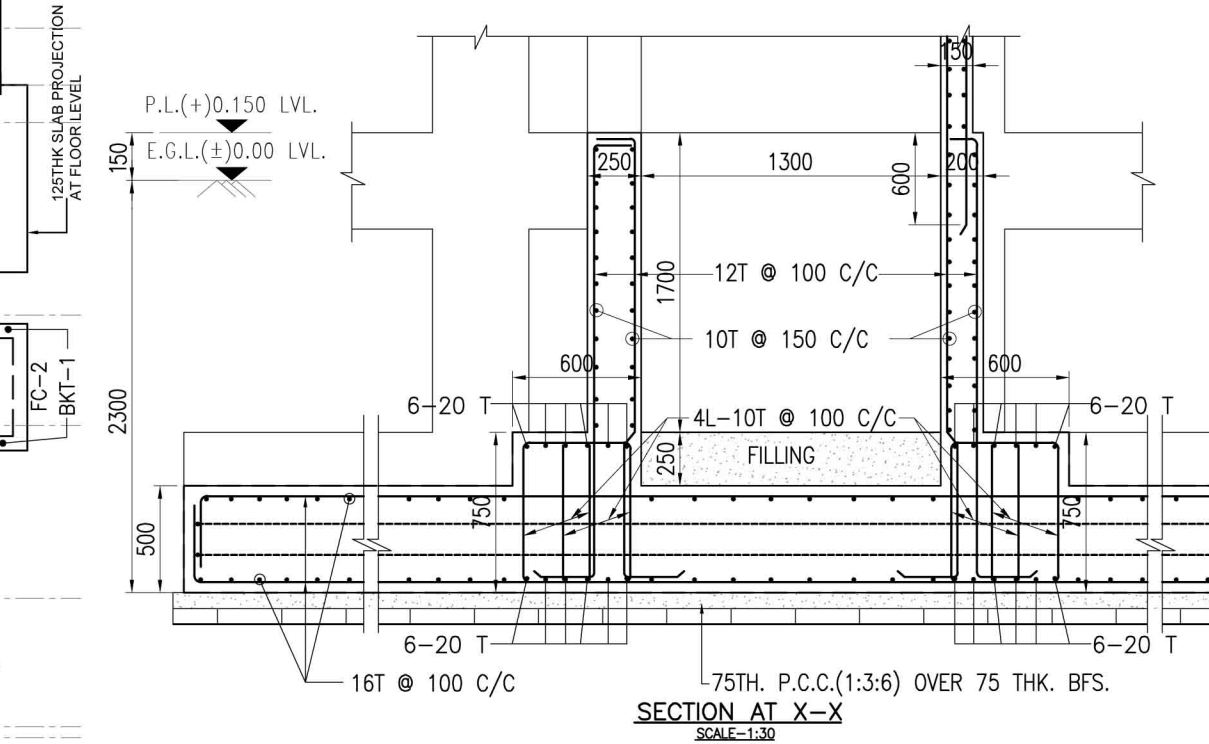


TYPICAL DETAIL OF STAIR FLIGHT

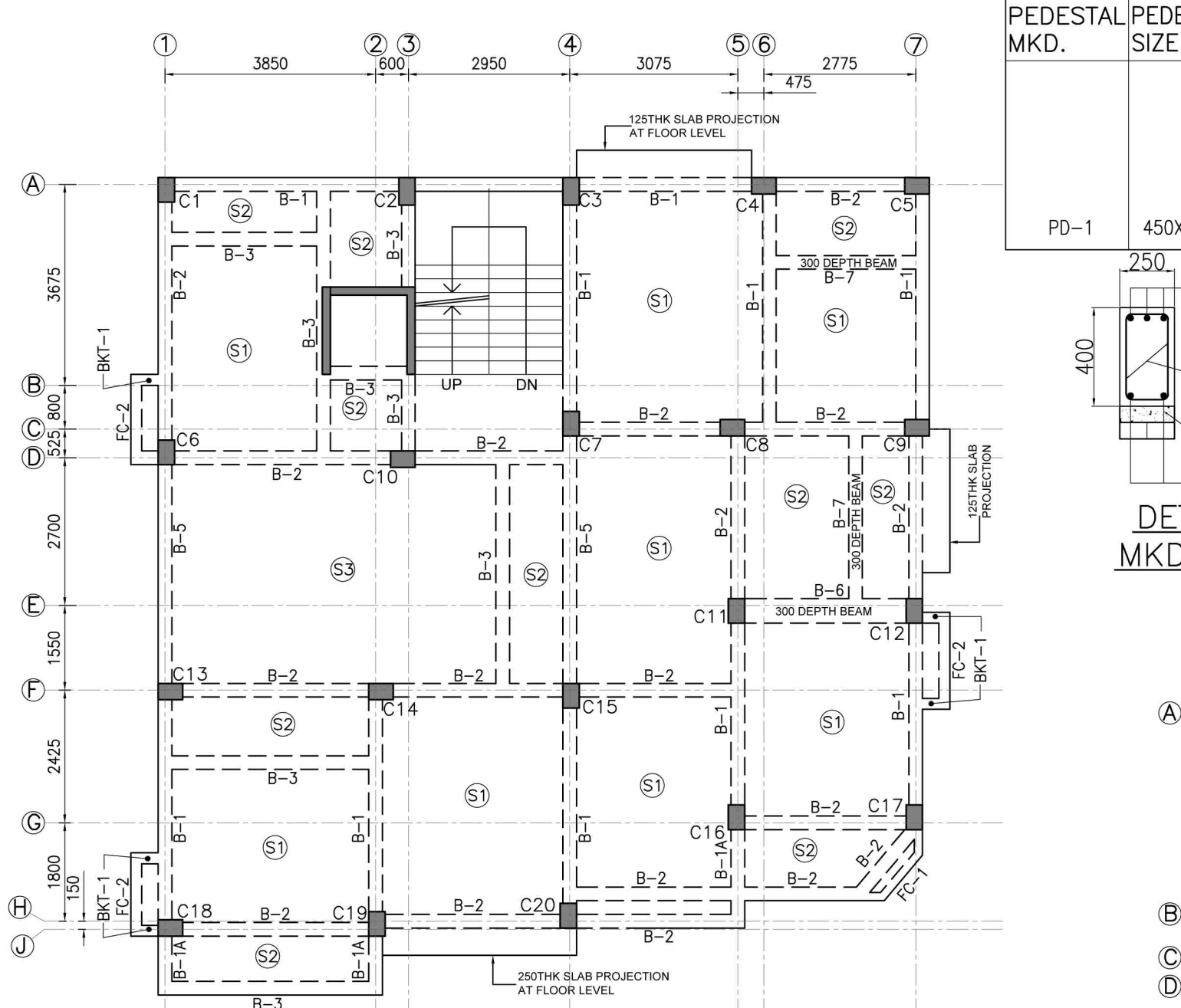


DETAIL OF TIE BEAM MKD. TB-1(250X400)

DETAIL OF TIE BEAM MKD. TB-2(250X400)

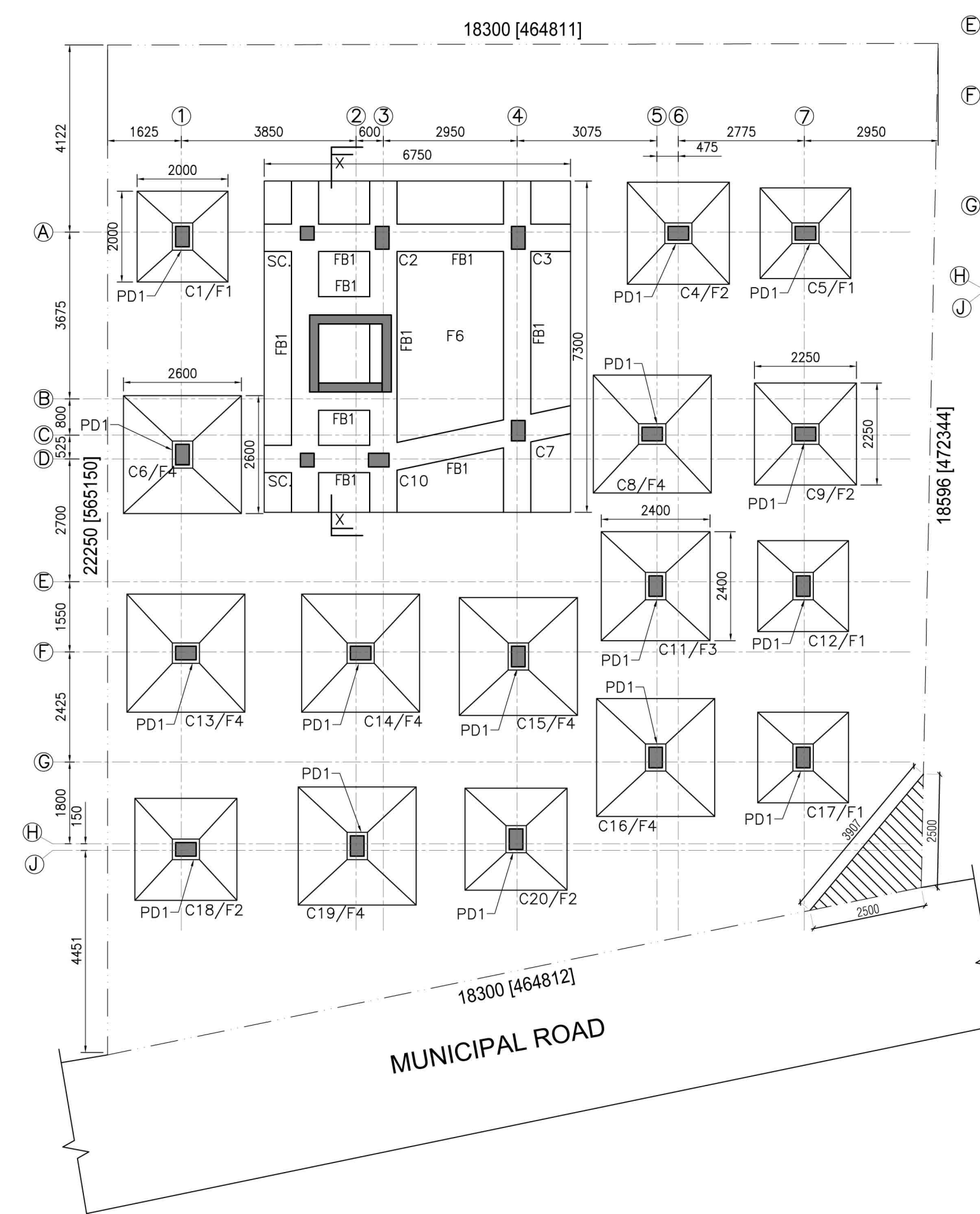


SECTION AT X-X



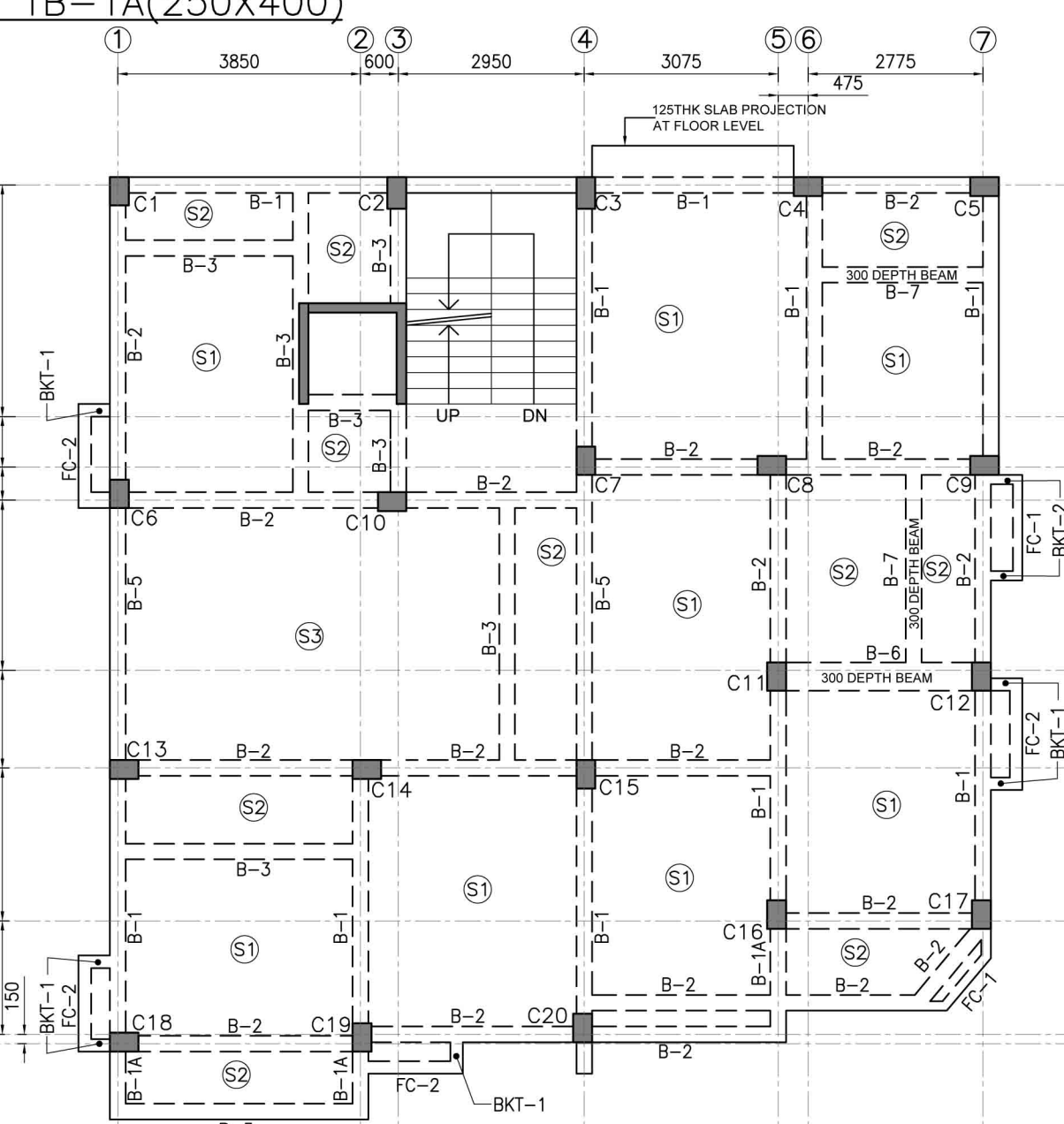
2ND. FLOOR BEAM LAYOUT PLAN

SCALE = 1:100



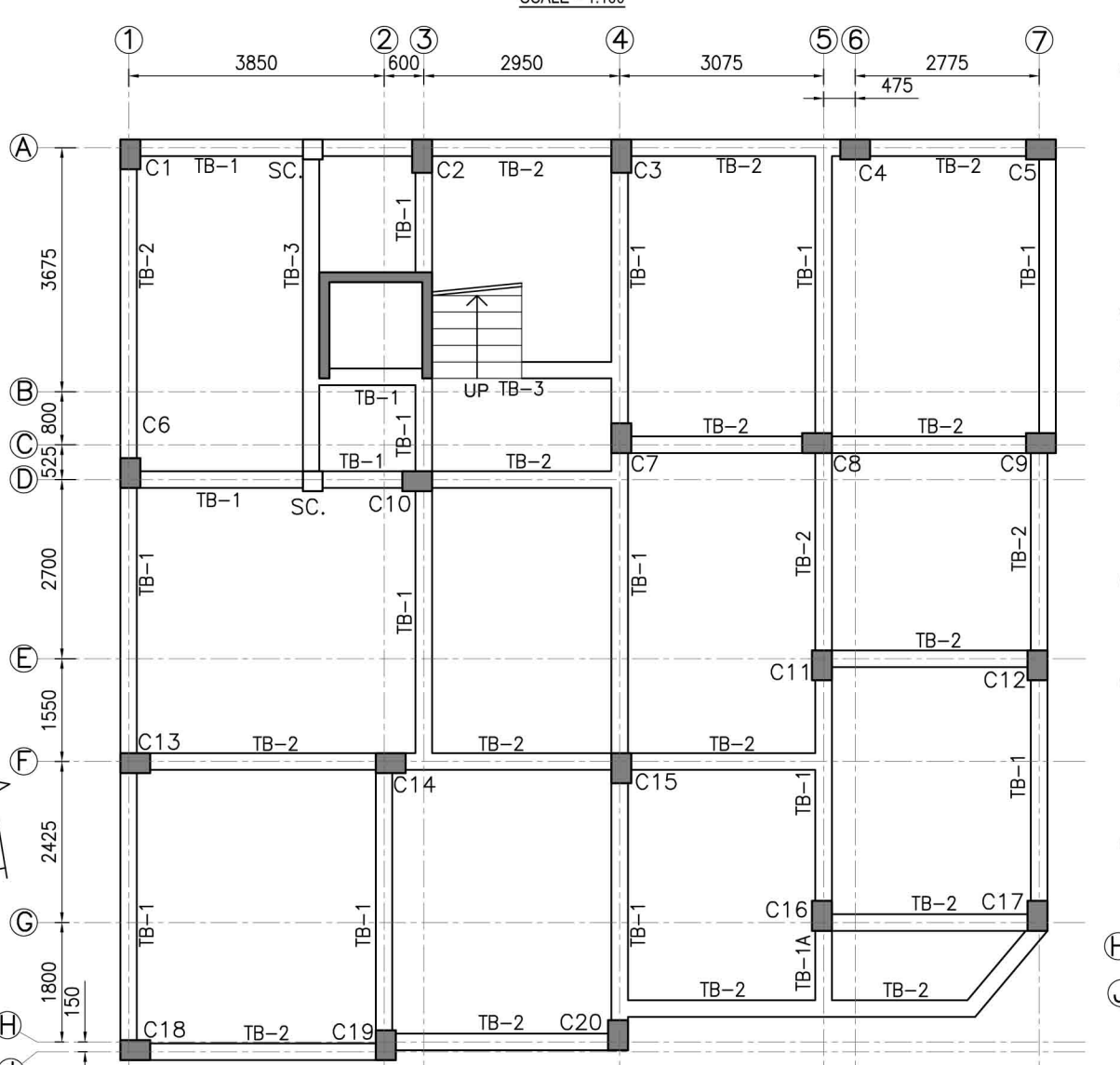
TIE BEAM LAYOUT PLAN

SCALE = 1:100



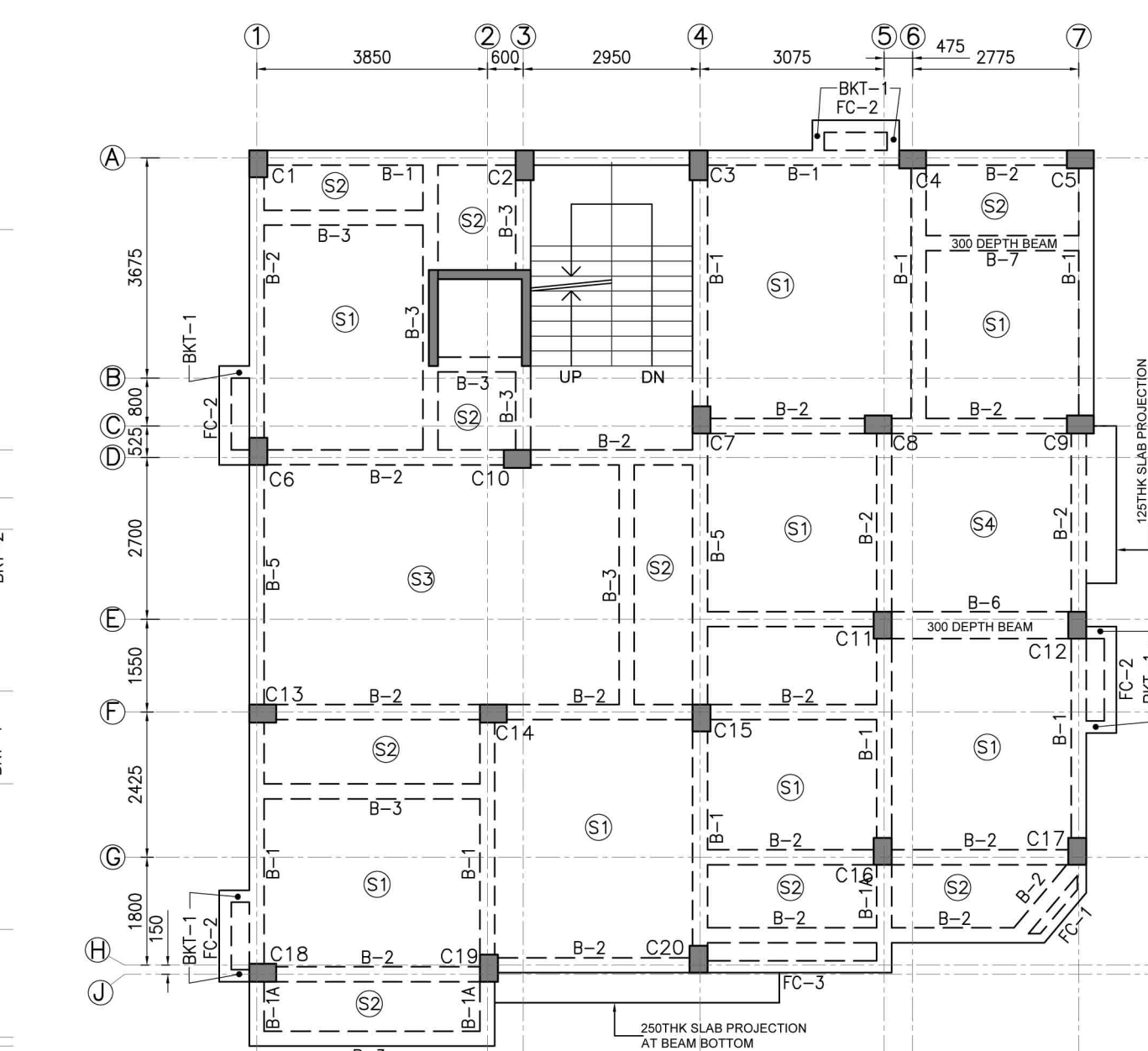
3RD. FLOOR BEAM LAYOUT PLAN

SCALE = 1:100



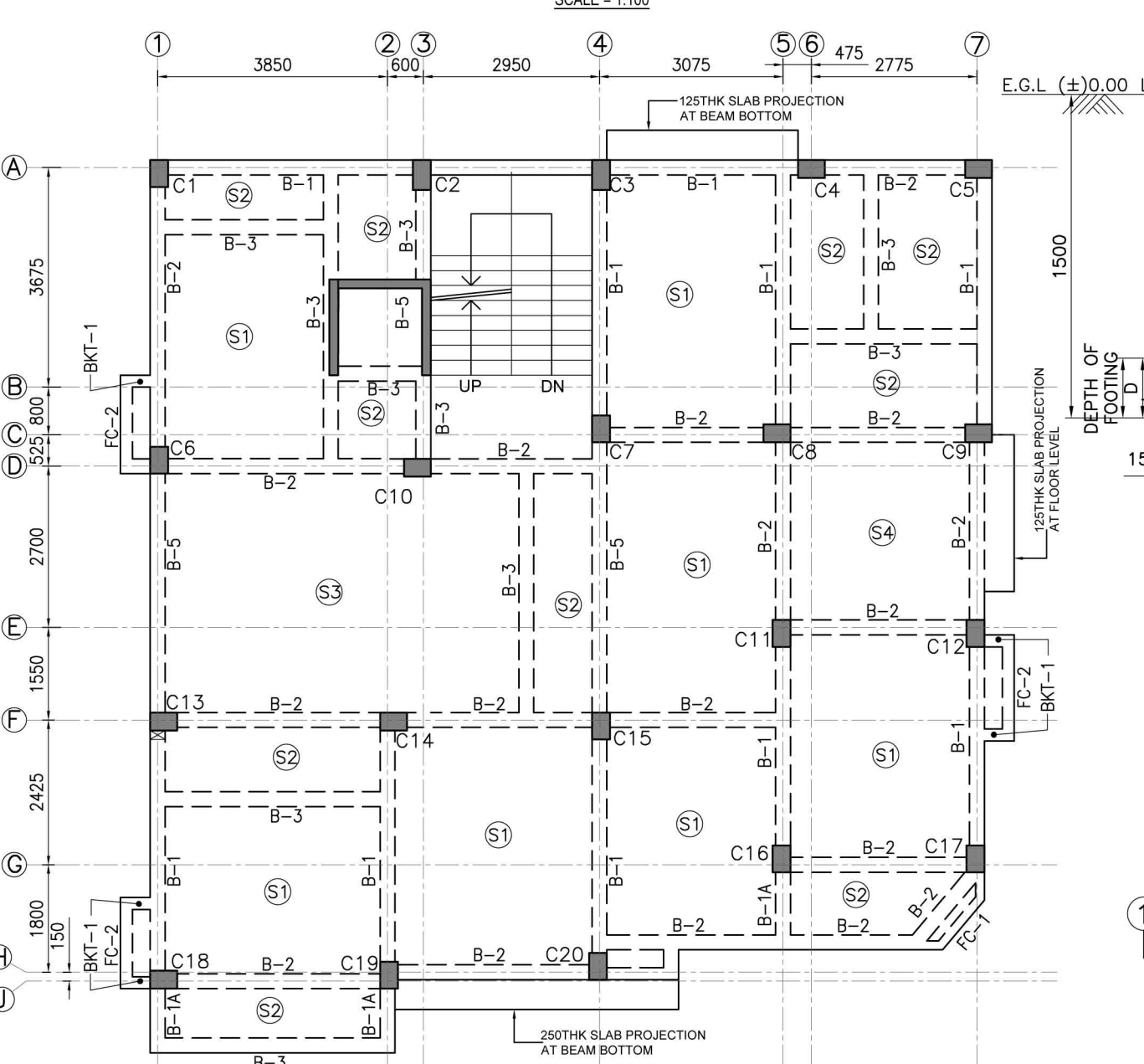
1ST. FLOOR BEAM LAYOUT PLAN

SCALE = 1:100



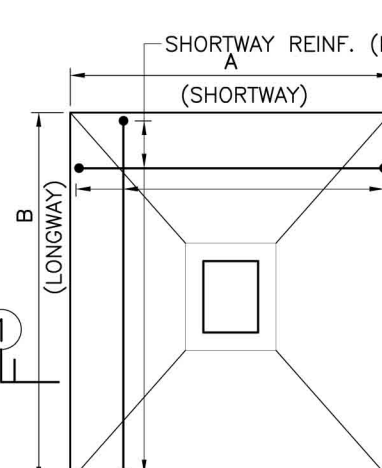
4TH.& ROOF FLOOR BEAM LAYOUT PLAN

SCALE = 1:100



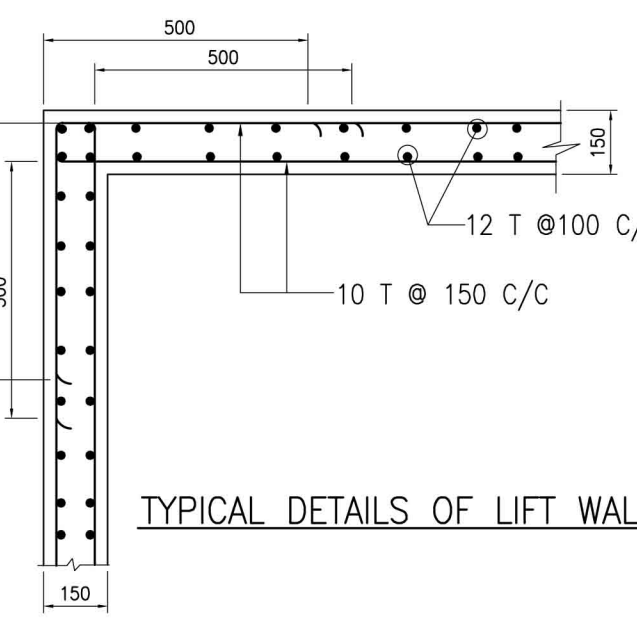
DETAIL OF SECTION 1-1

SCALE = 1:30

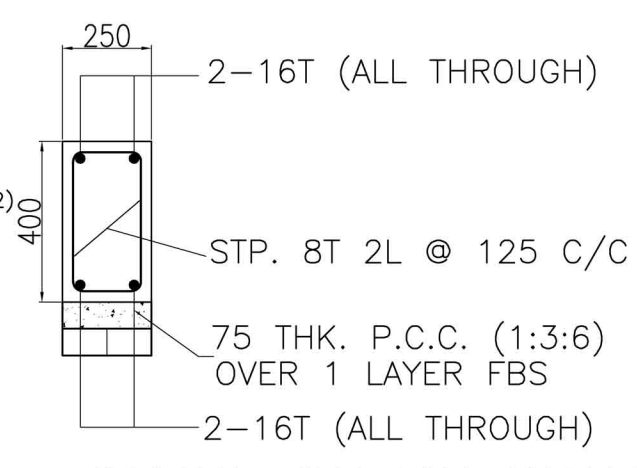


TYP. DETAIL OF ISOLATED FOOTING

SCALE = 1:30



TYPICAL DETAILS OF LIFT WALL



DETAIL OF TIE BEAM MKD. TB-3(250X400)

NOTES AND SPECIFICATION

1. ALL DIMENSIONS ARE IN MM. UNLESS OTHERWISE MENTIONED.
2. ANY AMBIGUITY IN THE DRAWINGS SHOULD BE IMMEDIATELY BROUGHT TO THE NOTICE OF THE CONSULTANT BEFORE COMMENCING
3. SUPER STRUCTURE : SUPER STRUCTURE SHALL BE OF 1ST CLASS BRICK IN 1:6 CEMENT MORTAR.
4. THIS DRAWING IS TO BE READ ALONG WITH ALL RELEVANT ARCHITECTURAL DRAWINGS.
5. ALL GRADE OF CONCRETE M25 UNTILL & UNLESS MENTIONED
6. ALL MATERIALS SHALL CONFORM TO RELEVANT I.S. CODES.
7. FOR STEEL GRADE Fe 500 AS PER IS 1786-1979.
8. ALL DISTRIBUTION BARS ARE 8T @ 250 C/C AND TO BE PROVIDED
9. ALL CHAIRS ARE 10T AND TO BE PROVIDED WHEREVER REQUIRED.
10. ALL SPACER BARS ARE 25T @ 300 C/C AND TO BE PROVIDED
11. LAPS, SPLICES & BOND LENGTH SHOULD BE 50 D WHERE 'D' IS SMALLERST DIR OF BAR.
12. FOUNDATION & PLINTH : BRICKWORK IN FOUNDATION & PLINTH SHALL BE OF 1ST CLASSBRICK IN 1:6 CEMENT MORTAR.
13. MINIMUM CLEAR COVER TO MAIN REINFORCEMENT IS AS FOLLOWS:

MEMBER	TOP	BOTTOM	SIDE
a. FOUNDATION BEAM & SLAB	50	50	50
b. COLUMN	40	40	40
c. FLOOR BEAM.	30	30	30
d. TIE BEAM.	30	30	30
e. FLOOR SLAB.	20	20	20

PROJECT:

PROPOSED G+IV STORIED RESIDENTIAL FLAT BUILDING OF 1) BASUDEV SANYAL, S/O- LATE JAGANNATH SANYAL, 2) BISWANATH SANYAL, S/O- LATE JAGANNATH SANYAL, 3) CHHANDA SANYAL W/O-LATE SHAMBHUNAH SANYAL, 4) SOURAV SANYAL S/O-LATE SHAMBHUNAH SANYAL, REPRESENTED BY " SIDDHIVINAYAK SMART CON " BY ITS AUTHORIZED PARTNERS (1) SADANANDA DAS & (2) SHOUNAK DAS AT MOUZA-RADHANAGAR, J.L. NO. 39, L.R. PLOT NO. 6851, L.R. KHATIAN NO. 3508, 3509, 9747 & 9748, R.S. PLOT NO. 7319 & 7321, R.S. KHATIAN NO. 253, WARD NO. 8, MAHALLA - KALIBAZAR, HOLDING NO. 170, UNDER BURDWAN MUNICIPALITY, P.S. BARDHAMAN, DIST. PURBA BARDHAMAN.

OFFICIAL USE (U.L.B.) (B.M.)

Drawing Title :

FOUNDATION, TIE BEAM & TYPICAL PLAN, SCHEDULE OF COLUMN, FLOOR BEAM, DETAIL OF FOOTING, BEAM, SLAB &

SCALE	1:100
DATE	14.01.2025
DRAWN	G.H.
CHKD.	G.H.
SHEET NO.	01 OF 01

