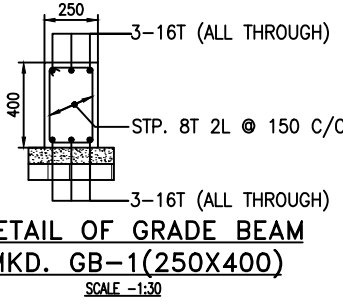


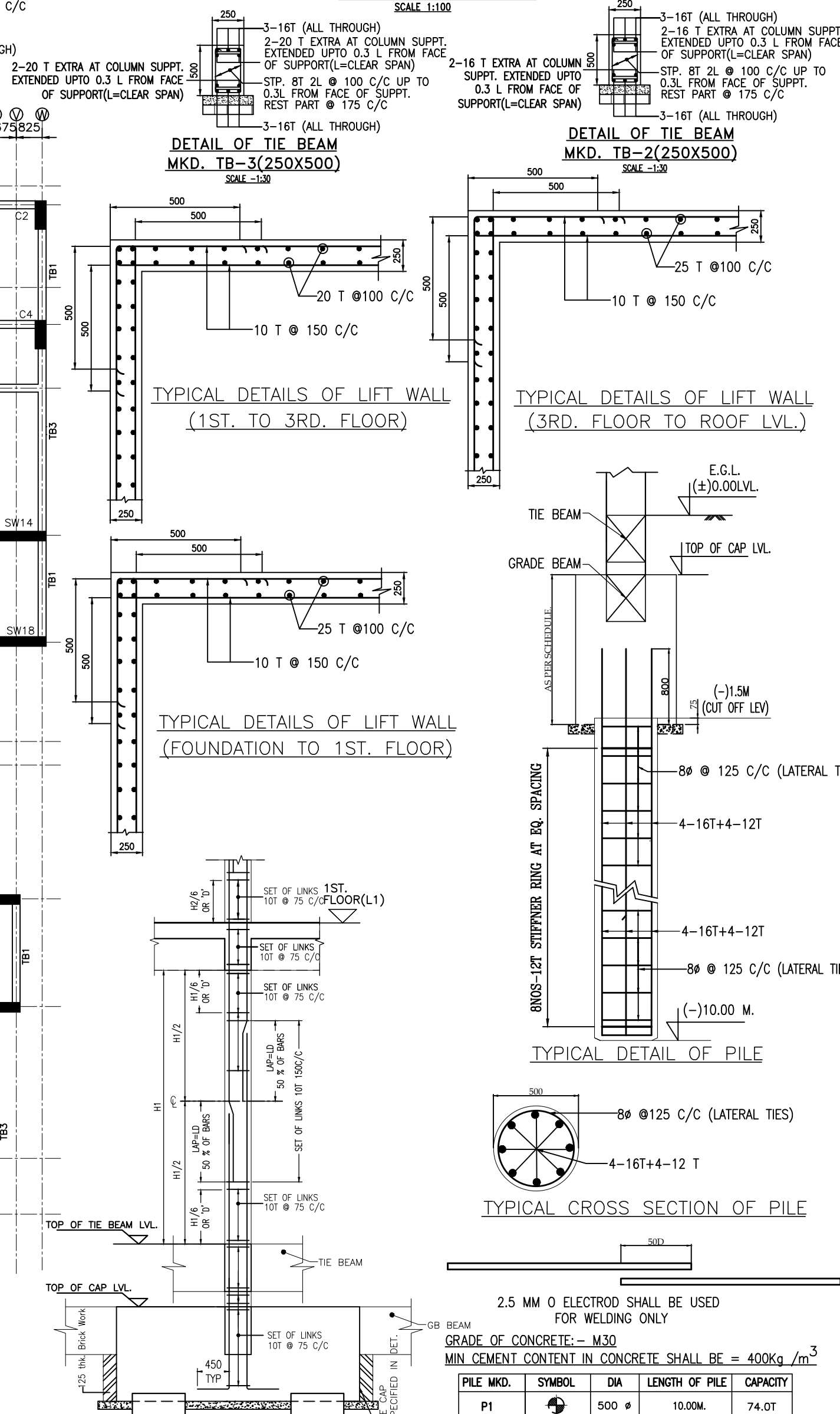
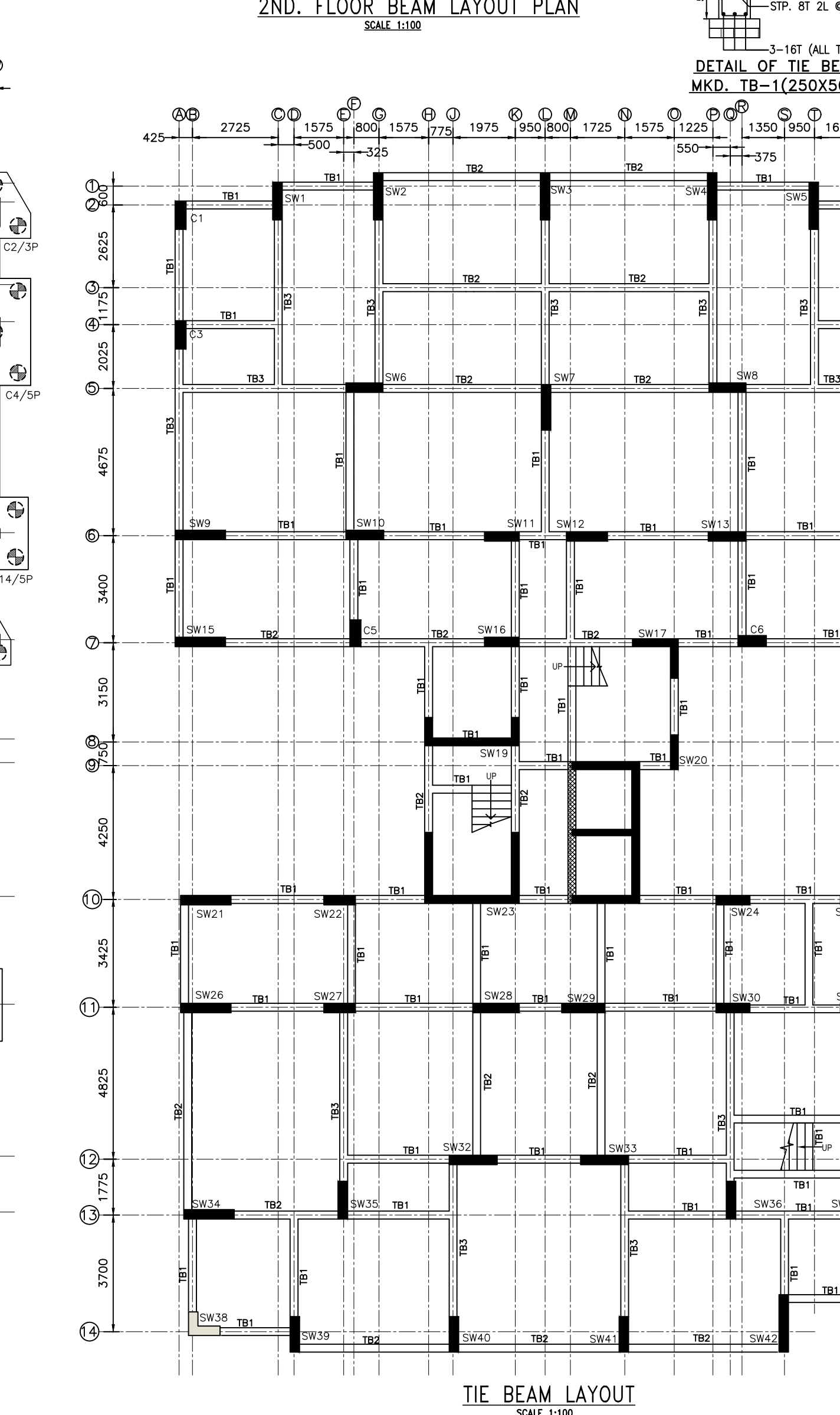
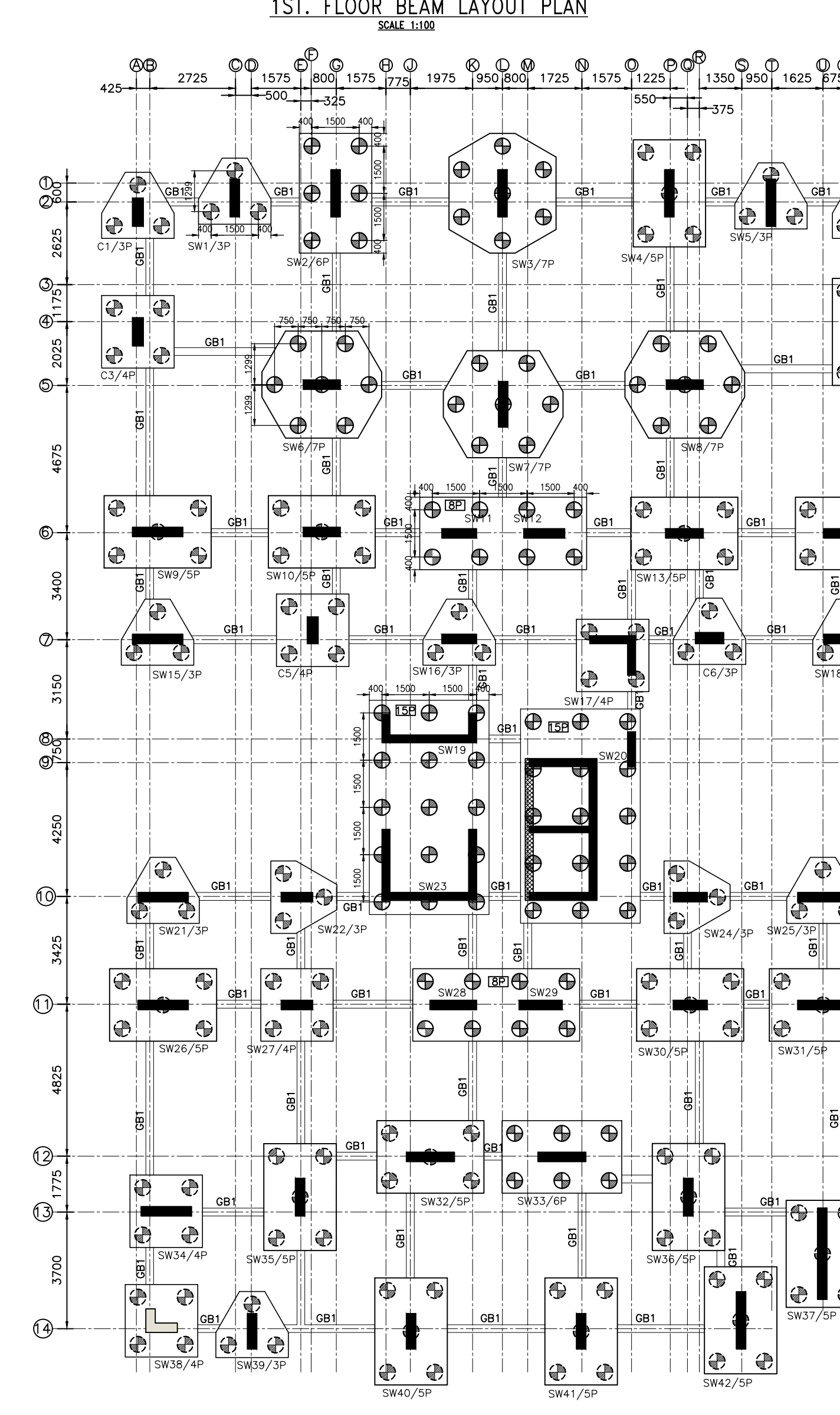
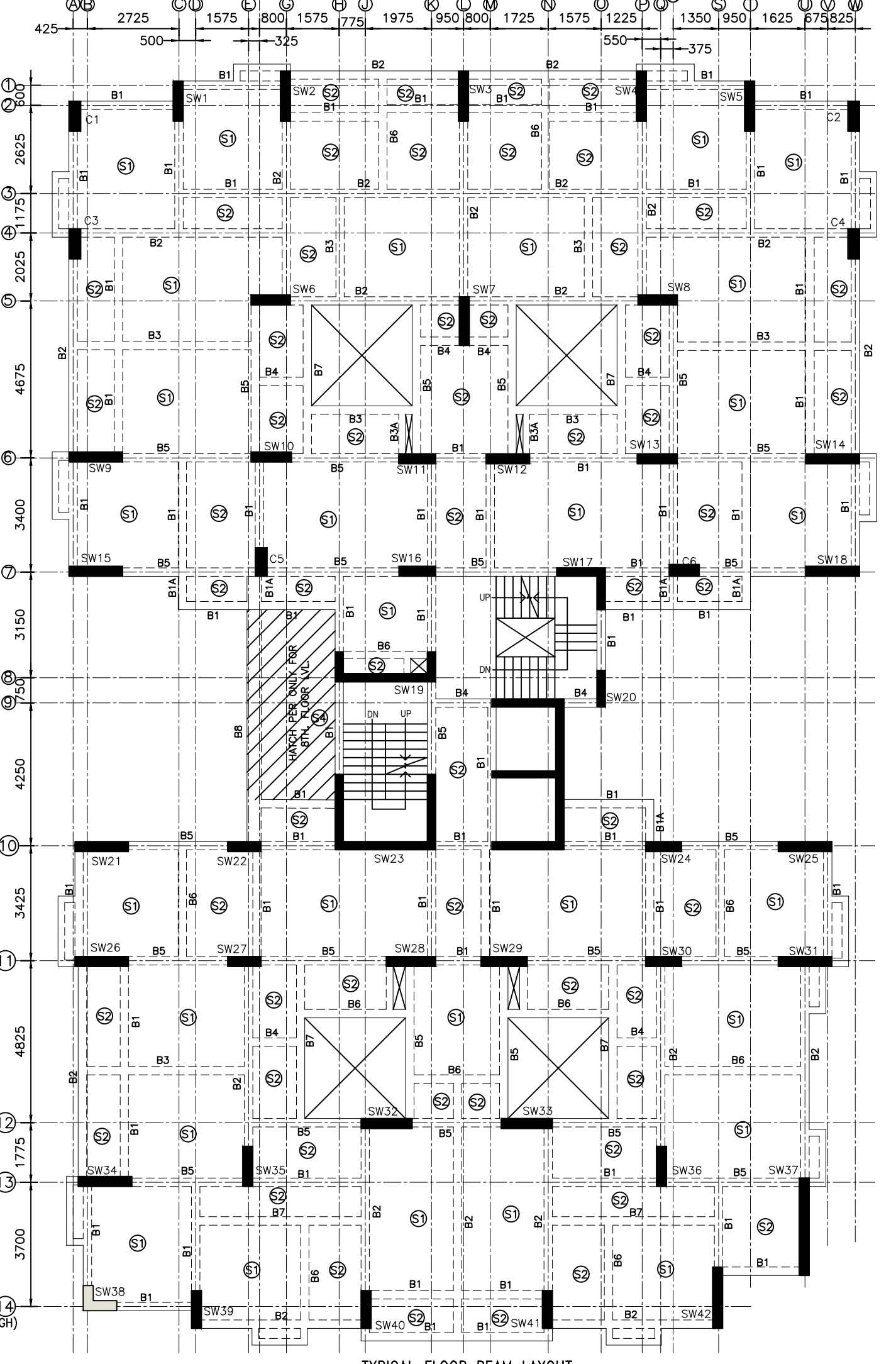
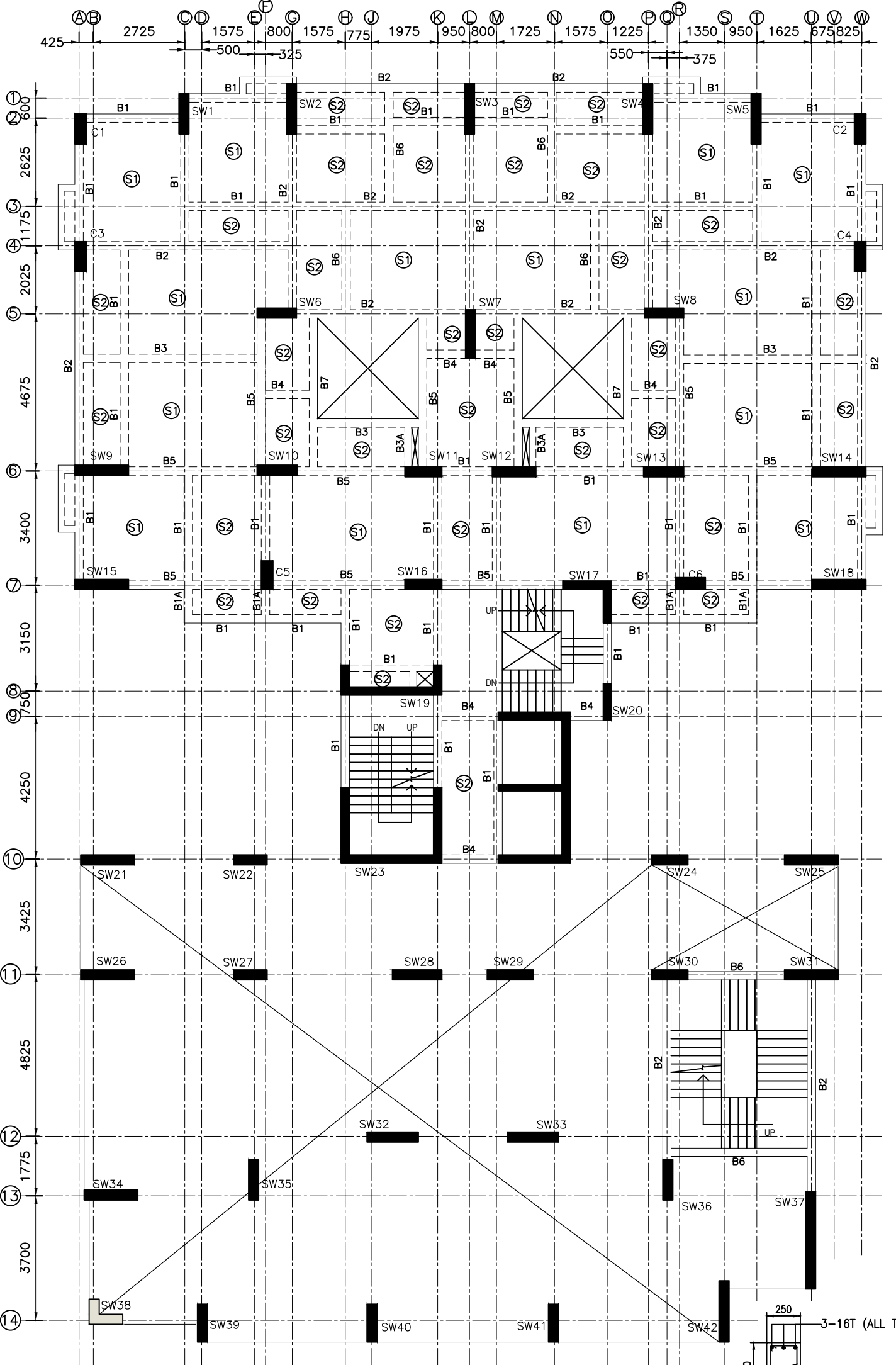
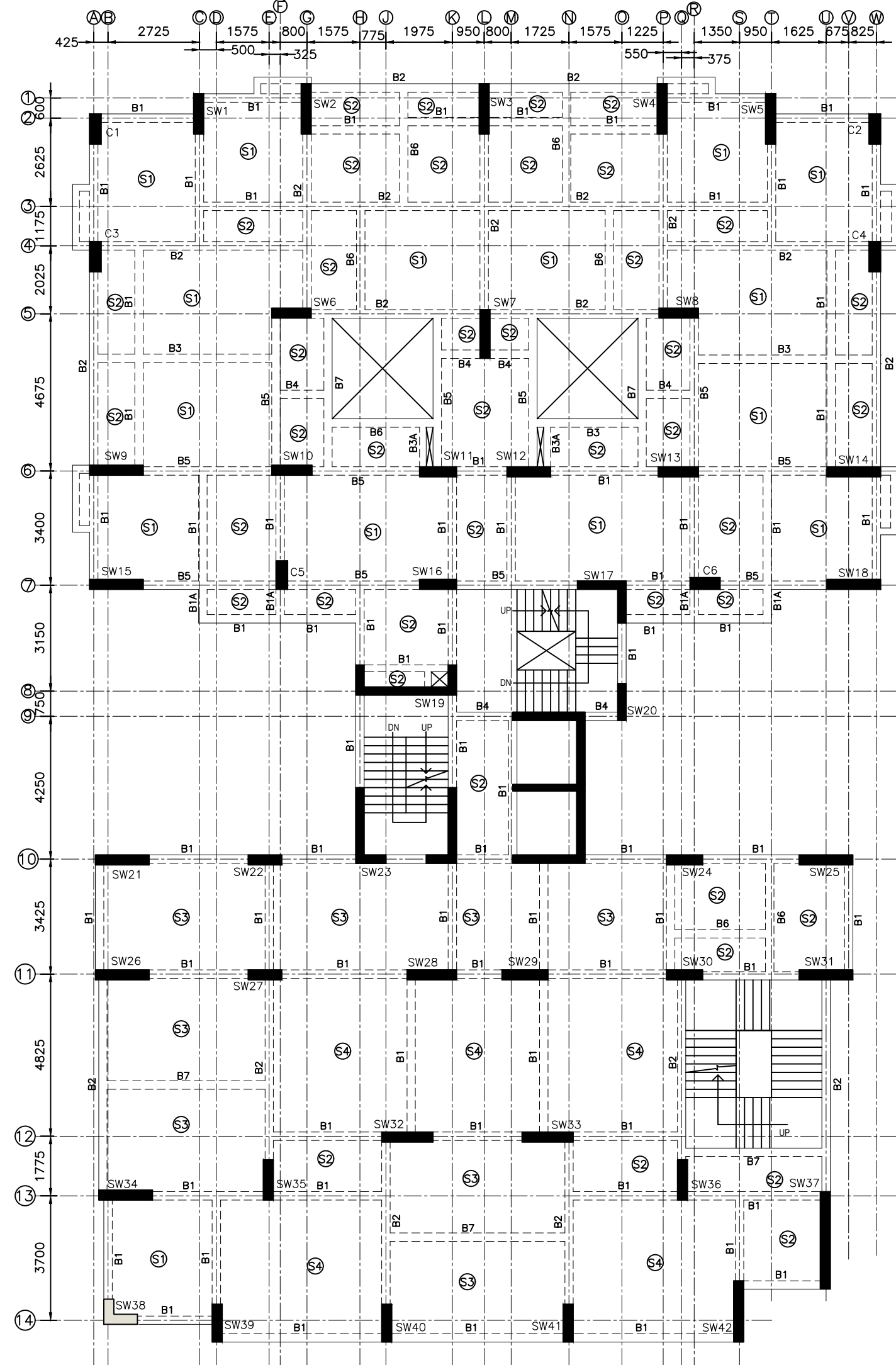
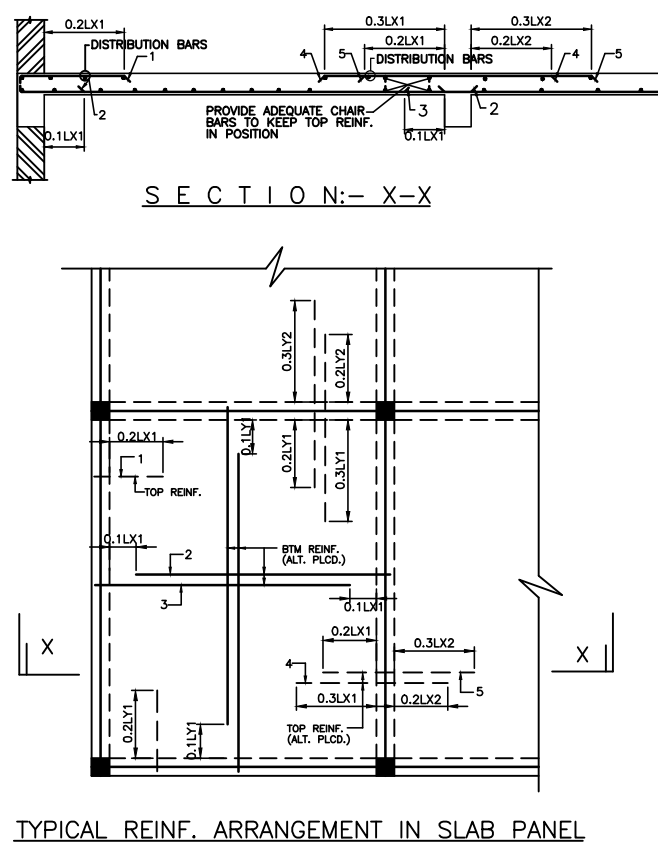
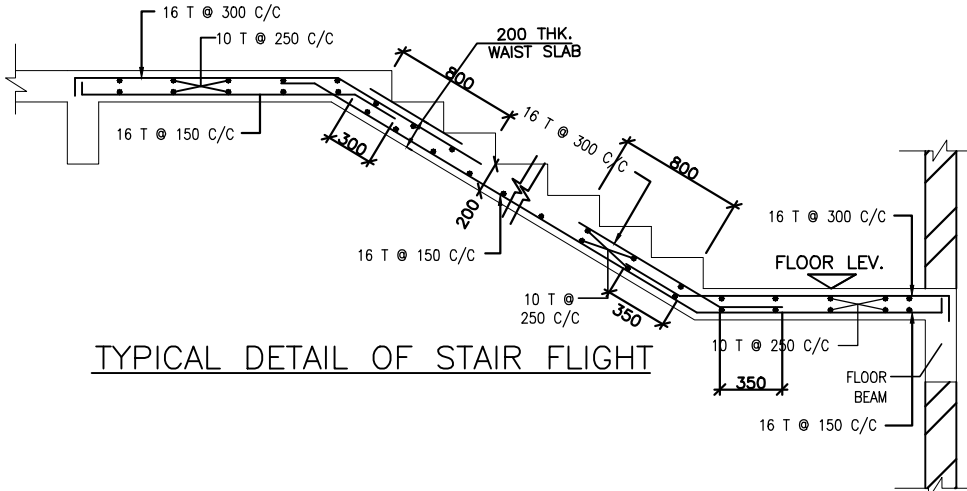
COLUMN SCHEDULE																				
GRADE OF CONCRETE - M40																				
TO ROOF LVL 8TH FLOOR TO	16-16 T	20-20 T	20-20 T	20-20 T	20-20 T	8-25 T + 8-20 T	24-20 T	24-20 T	16-20 T	16-16 T + 12-12 T	12-16 T + 12-12 T	12-16 T + 12-12 T	12-16 T + 12-12 T	12-16 T + 12-12 T	12-16 T + 12-12 T	16-16 T + 12-12 T	16-16 T + 12-12 T	16-16 T + 12-12 T	16-16 T + 12-12 T	
8TH FLOOR TO 5TH FLOOR TO	8-20 T + 16-16 T	6-25 T + 14-20 T	6-25 T + 14-20 T	6-25 T + 14-20 T	6-25 T + 14-20 T	8-25 T + 8-20 T	12-25 T + 12-20 T	12-25 T + 12-20 T	8-25 T + 8-20 T	16-20 T + 12-12 T	12-16 T + 12-12 T	12-16 T + 12-12 T	12-16 T + 12-12 T	12-16 T + 12-12 T	12-16 T + 12-12 T	16-16 T + 12-12 T	16-16 T + 12-12 T	16-16 T + 12-12 T	16-16 T + 12-12 T	
5TH FLOOR TO 2ND FLOOR TO	16-20 T	20-25 T	20-25 T	20-25 T	20-25 T	16-25 T	24-25 T	24-25 T	16-25 T	16-25 T + 12-16 T	12-20 T + 12-16 T	12-20 T + 12-16 T	12-20 T + 12-16 T	12-20 T + 12-16 T	12-20 T + 12-16 T	16-20 T + 12-16 T	16-20 T + 12-16 T	16-20 T + 12-16 T	16-20 T + 12-16 T	
2ND FLOOR TO FOUNDATION TO	COL. SIZE	(350x400)	(300x150)	(300x120)	(300x115)	(300x125)	(350x90)	(300x145)	(300x150)	(350x60)	(300x120)	(300x120)	(300x110)	(300x130)	(300x160)	(300x100)	(300x105)	(300x160)	(300x160)	
LINK	10T @75 C/C UP TO 750 FROM BEAM SOFFIT & SLAB TOP & REST PORTION 10T @ 150 C/C																			
COL. MARKED	C1,C2	SW2,SW4,SW5	SW1	SW6,SW8	SW3,SW40,SW41	C3,C4	SW7	SW3	C5	SW13	SW10	SW11,SW16	SW12	SW15,SW19,SW21	SW22,SW27	SW24,SW30	SW9,SW26,SW34,SW31	SW28	SW29	SW14,SW18

COLUMN SCHEDULE												
GRADE OF CONCRETE - M40												
TO ROOF LVL	16-20 T	28-16 T + 20-12 T	32-16 T + 30-12 T	40-16 T + 40-12 T	16-16 T + 12-12 T	16-16 T + 12-12 T	12-25 T + 20-12 T	24-20 T	24-16 T + 16-12 T	24-16 T + 16-12 T	16-16 T + 16-12 T	
8TH FLOOR TO	8-25 T + 8-20 T	28-20 T + 20-12 T	32-20 T + 30-12 T	40-20 T + 40-16 T	16-20 T + 12-12 T	16-20 T + 12-12 T	24-25 T	12-32 T + 12-25 T	24-20 T + 16-16 T	24-20 T + 16-16 T	16-20 T + 16-16 T	
5TH FLOOR TO	16-25 T	28-25 T + 20-16 T	32-25 T + 30-16 T	40-25 T + 40-20 T	16-25 T + 12-16 T	16-25 T + 12-16 T	8-32 T + 16-25 T	24-32 T	24-25 T + 16-20 T	24-25 T + 16-20 T	16-25 T + 16-20 T	
FOUNDATION TO	COL. SIZE	(350x900)	(250x1450/1250)	(250x900/900/3000)	(250x3000/2250/2250)	(300x155)	(300x1200)	(300x1200)	(250x1000/750)	(300x2900)	(300x1825)	(250x1100)
LINK	10T @75 C/C UP TO 750 FROM BEAM SOFFIT & SLAB TOP & REST PORTION 10T @ 150 C/C											
COL MARKED	C6	SW17	SW19	SW23	SW32,SW33	SW35	SW36	SW38	SW37	SW42	SW20	

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(150 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.)	
S3(175 TK.)	10 TOR @100 C/C(Top) 10 TOR @125 C/C(Bott.)	10 TOR @125 C/C(Top) 10 TOR @150 C/C(Bott.)	
S4(200 TK.)	10 TOR @100 C/C(Top) 10 TOR @125 C/C(Bott.)	10 TOR @125 C/C(Top) 10 TOR @150 C/C(Bott.)	



BEAM SCHEDULE									
GRADE OF CONCRETE - M40									
BEAM MKD.	BEAM SIZE	REINFT. AT SUPPT.	REINFT. AT SPAN	STIRRUPS					
	WIDE	DEPTH	TOP	BOTTOM	TOP	BOTTOM	SUPPORT	SPAN	
B1	250	600	3-20T	3-20T	3-20T	3-16T	8T @100C/C	8T @200C/C	
B1A	250	600	3-16T	3-20T	3-20T	2-16T	8T @100C/C	8T @100C/C	
B2	250	600	3-20T	3-25T	3-20T	3-25T	8T @100C/C	8T @200C/C	
B3,B7	250	600	3-20T	3-20T	3-20T	2-20T	10T @100C/C	10T @200C/C	
B4	250	600	3-16T	3-16T	3-16T	3-16T	8T @100C/C	8T @200C/C	
B5	250	600	3-20T	3-20T	3-20T	3-20T	8T @150C/C	8T @150C/C	
B6	250	600	3-20T	3-20T	3-20T	3-20T	8T @100C/C	8T @200C/C	
B8	425	600	5-25T	5-25T	5-25T	5-20T	4L-10T @100C/C	4L-10T @200C/C	



NOTES AND SPECIFICATION

- ALL DIMENSIONS ARE IN MM UNLESS OTHERWISE MENTIONED.
- ANY AMBIGUITY IN THE DRAWINGS SHOULD BE IMMEDIATELY BROUGHT TO THE NOTICE OF THE CONSULTANT BEFORE COMMENCING WORK.
- SUPER STRUCTURE - SUPER STRUCTURE SHALL BE OF 1ST CLASS BRICK IN 1:5 CEMENT MORTAR.
- THIS DRAWING IS TO BE READ ALONG WITH ALL RELEVANT ARCHITECTURAL DRAWINGS.
- ALL GRADE OF CONCRETE M40 UNTILL & UNLESS MENTIONED.
- ALL MATERIALS SHALL CONFORM TO RELEVANT IS CODES.
- FOR STEEL GRADE FA 500 AS PER IS 1786-2007.
- ALL DISTRIBUTION BARS ARE 8T @ 250 C/C AND TO BE PROVIDED.
- ALL CHAIRS ARE 10T AND TO BE PROVIDED WHEREVER REQUIRED.
- ALL SPACER BARS ARE 25T @ 300 C/C AND TO BE PROVIDED.
- LAPS, SPICES & BOND LENGTH SHOULD BE 50 D WHERE 'D' IS DIA OF BAR.
- FOUNDATION & PLINTH : BRICKWORK IN FOUNDATION & PLINTH SHALL BE OF 1ST CLASS BRICK IN 1:5 CEMENT MORTAR.
- MINIMUM CLEAR COVER TO MAIN REINFORCEMENT IS AS FOLLOWS:

MEMBER	TOP	BOTTOM	SIDE
a. PILE	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
f. PILE CAP	75	75	75

10% POSITIVE GRVITY OF THE BENTONITE SHALL BE MAINTAINED AT 1.1 TO 1.2 BEFORE CASTING OF PILE.

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E-mail: makengineers2011@gmail.com

CERTIFICATE OF STRUCTURAL ENGINEER:
THE STRUCTURAL DESIGN & DRAWING OF BOTH FOUNDATION AND SUPER STRUCTURE OF THE BUILDING HAVE BEEN PREPARED BY ME CONSIDERING ALL POSSIBLE LOADS INCLUDING SEISMIC LOADS AS PER NATIONAL BUILDING CODE OF INDIA AND THE FOUNDATION IS CAPABLE OF TAKING THE LOAD CERTIFIED THAT IT IS SAFE AND STABLE IN ALL RESPECT.

DECLARATION OF ARCHITECT:
IT IS CERTIFIED THAT THE BUILDING PLAN HAS BEEN DRAWN UP AS PER PROVISION OF WEST BENGAL BUILDING RULES 2009 AS AMENDED FROM TIME TO TIME & THAT THE SITE CONDITION INCLUDING THE WIDTH OF ROUTING ROAD CONFORM WITH THE PLAN & THAT IT IS A BUILDABLE SITE & AS INFERRED BY THE OWNER NOT A TANK OR FILLED UP TANK.

SIGNATURE OF GEOTECHNICAL ENG.

OFFICE USE ONLY

SIGNATURE OF OWNER

PROJECT:
PROPOSED (G + 12) - STOREY
R.S. DAG NO. - 151,146
R.S./L.R. KHATIAN NO. - 82
MOUZA - AMRASOTA
P.S. - RANGANJ; DISTRICT - ANJAN;
UNDER ASANSOL MUNICIPALITY.

TITLE:
FOUNDATION & SUPER STRUCTURE LAYOUT PLAN, SCHEDULE OF PILES, LONG SECTION OF PILE, STAIR, LIFT SECTION.

DRAWING NO.:
F3A/MAK/SILVER TOWER/BLOCK-1/ SANCTION DRG./STR-01

DATE: 26.08.2024

SCALE: 1:100

SHEET NO.: 01 OF 01