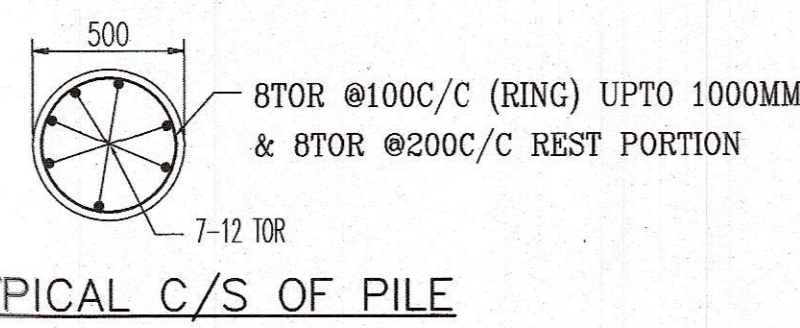
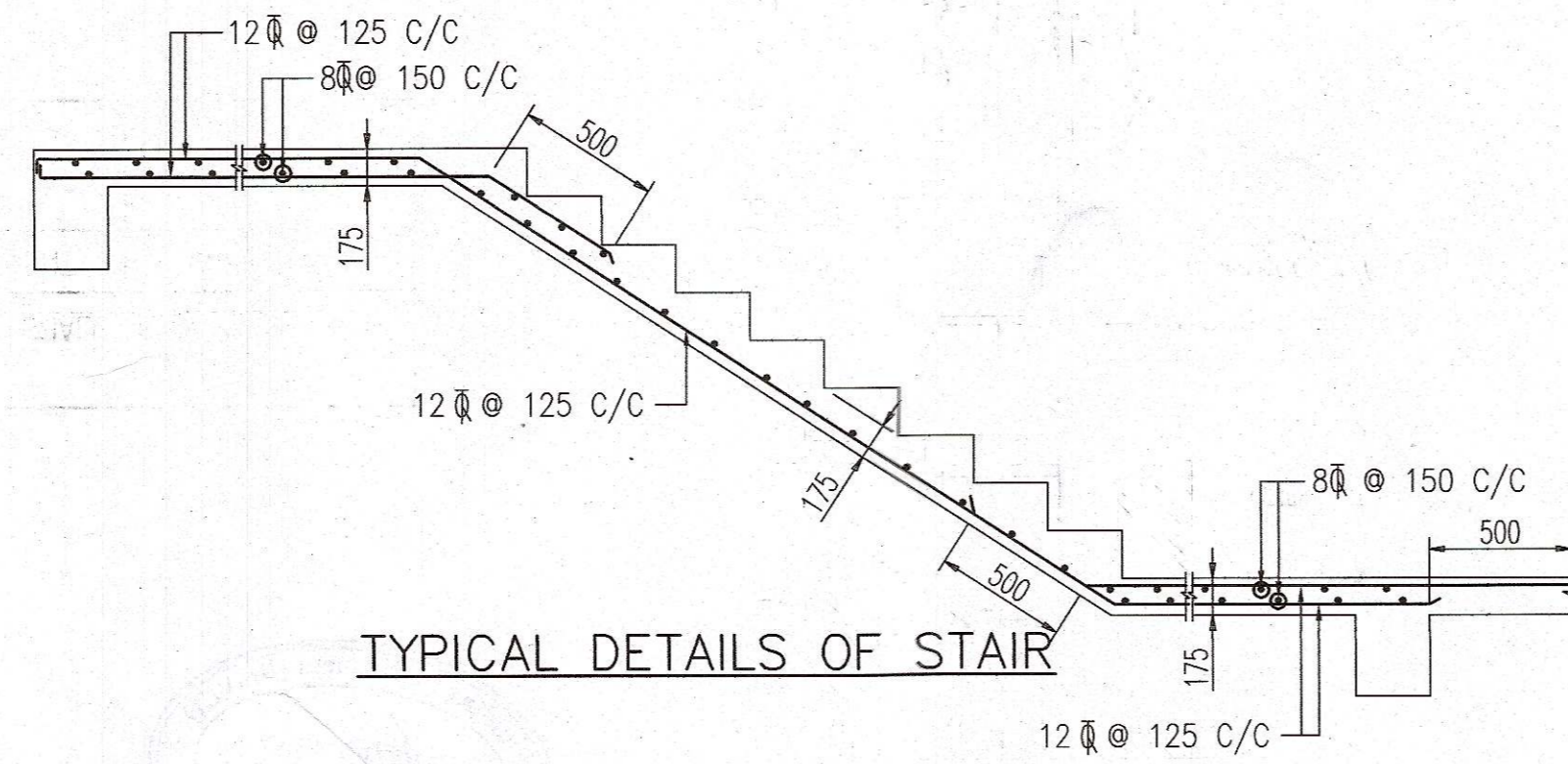


BEAM SCHEDULE								
GRADE OF CONCRETE - M25								
BEAM MKD	BEAM SIZE		REINFT. AT SUPPT. REINFT. AT SPAN				STIRRUPS	
	WIDE	DEPTH	TOP	BOTTOM	TOP	BOTTOM	AT SUPPT.	AT SPAN
B1	250	500	4-16TOR	2-16TOR	2-16TOR	2-16TOR	8TOR@100C/C	8TOR@200C/C
B2	250	500	2-20TOR+2-20TOR	3-20TOR	2-20TOR	3-20TOR	8TOR@100C/C	8TOR@200C/C
B3	250	500	2-16TOR	2-16TOR	2-16TOR	2-16TOR	8TOR@150C/C	8TOR@150C/C
B4	250	500	3-20TOR+3-20TOR	3-20TOR	2-20TOR	3-20TOR	8TOR@100C/C	8TOR@200C/C
B5	250	500	3-20TOR+3-20TOR	3-20TOR	2-20TOR	3-20TOR+2-16TOR	8TOR@100C/C	8TOR@200C/C
B6	150	500	2-16TOR	2-16TOR	2-16TOR	2-16TOR	8TOR@200C/C	8TOR@200C/C
MB1	250	500	3-16TOR	2-16TOR	2-16TOR	3-16TOR	8TOR@100C/C	8TOR@200C/C

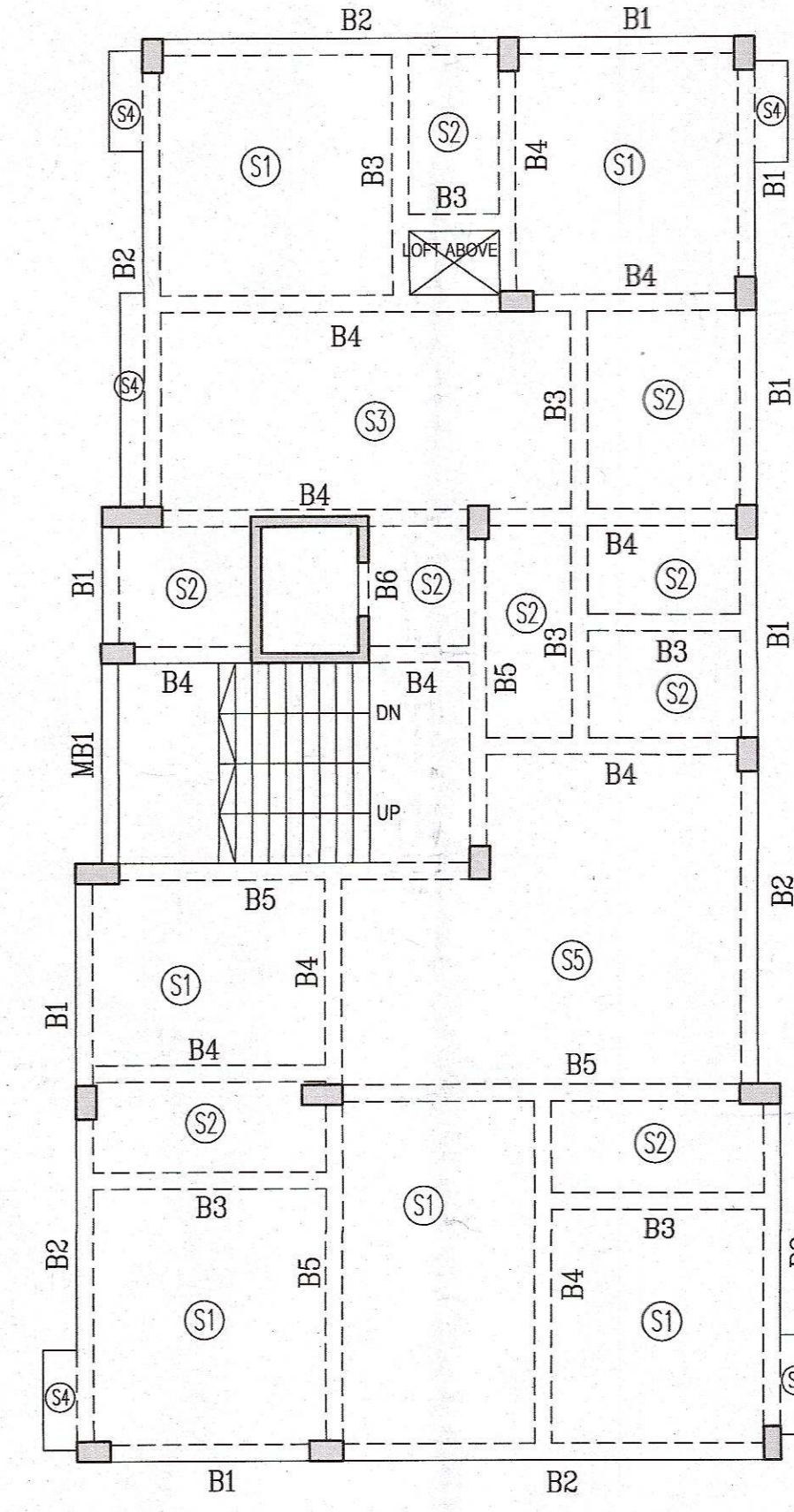
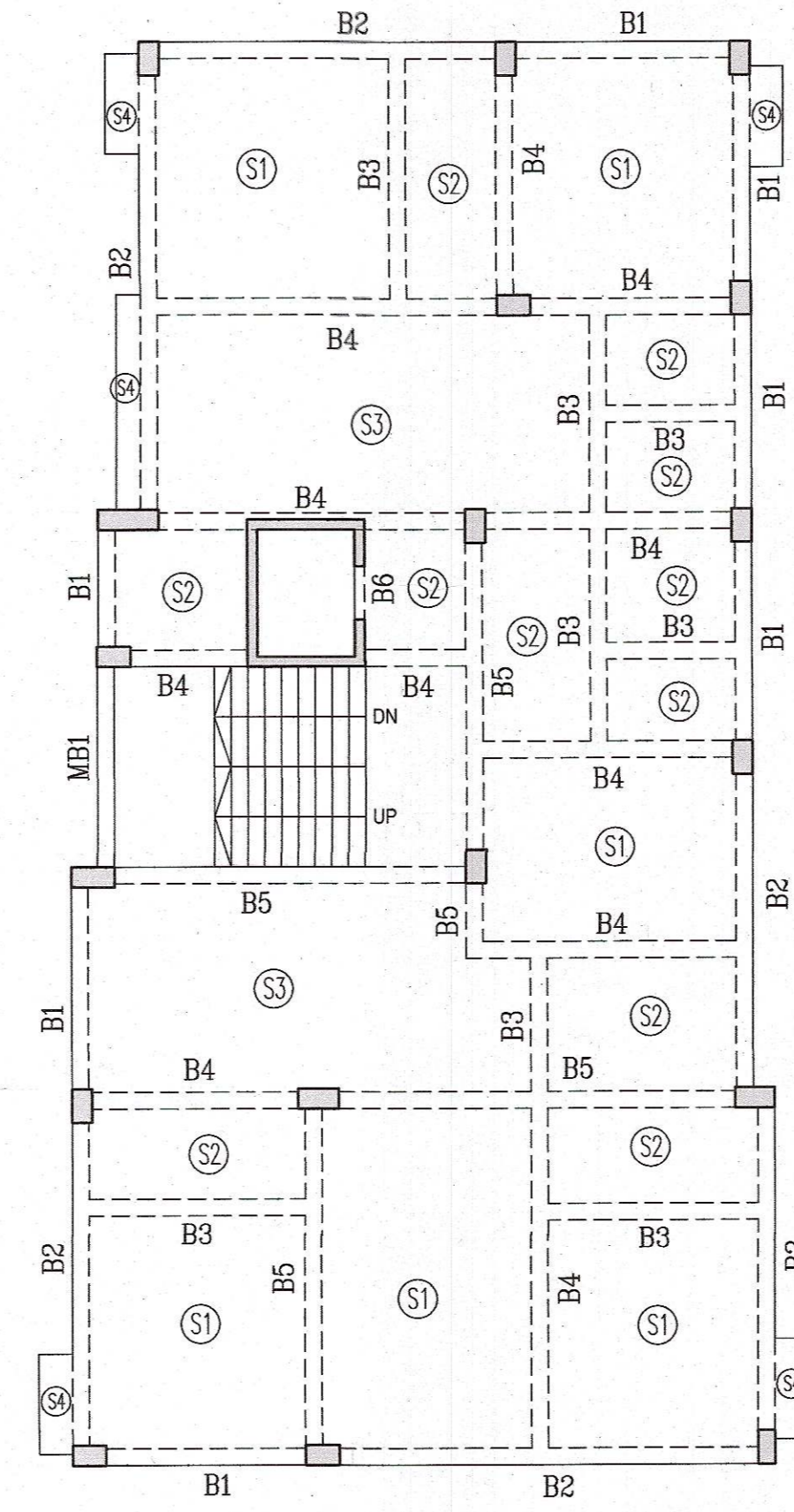
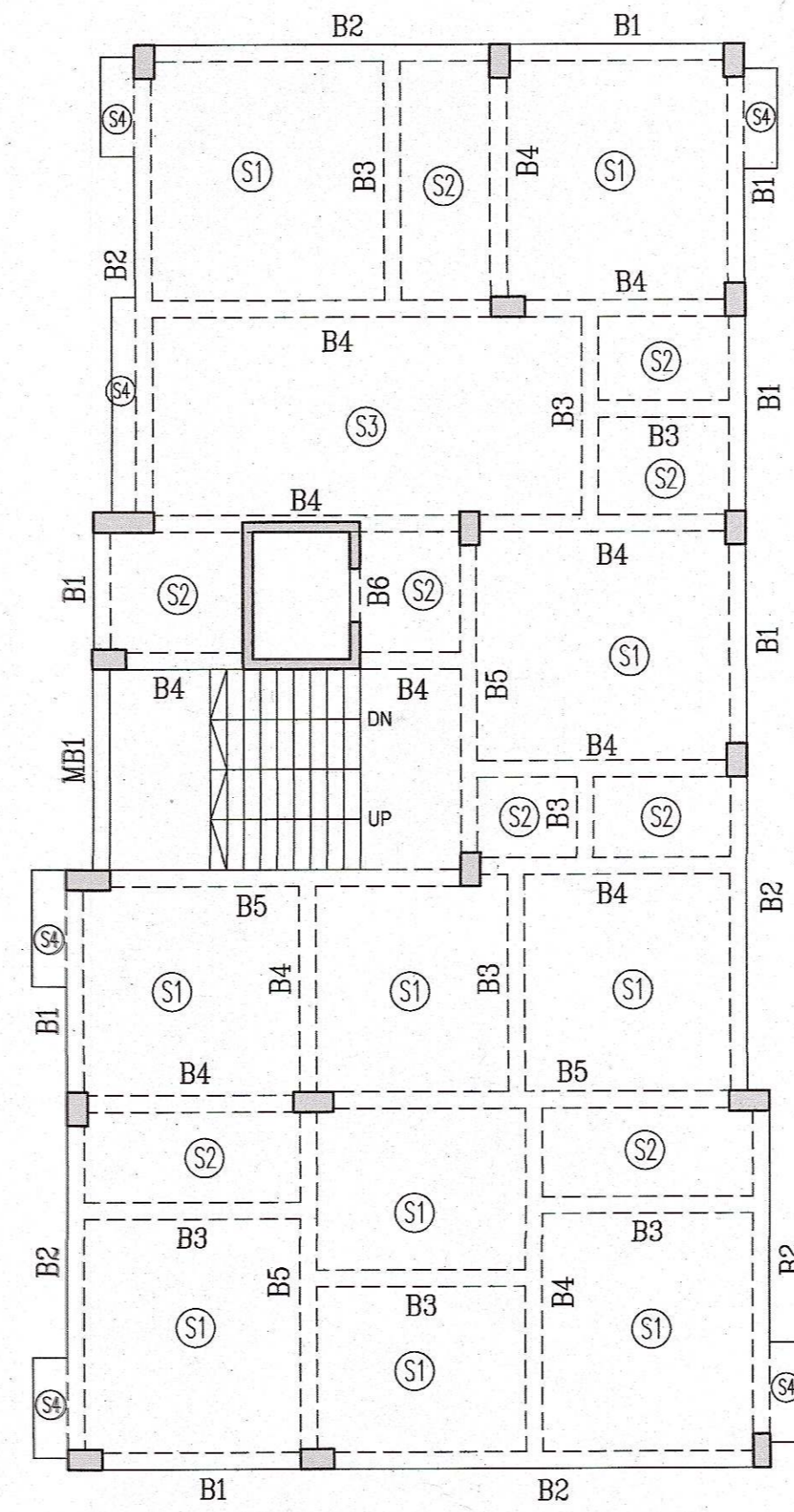
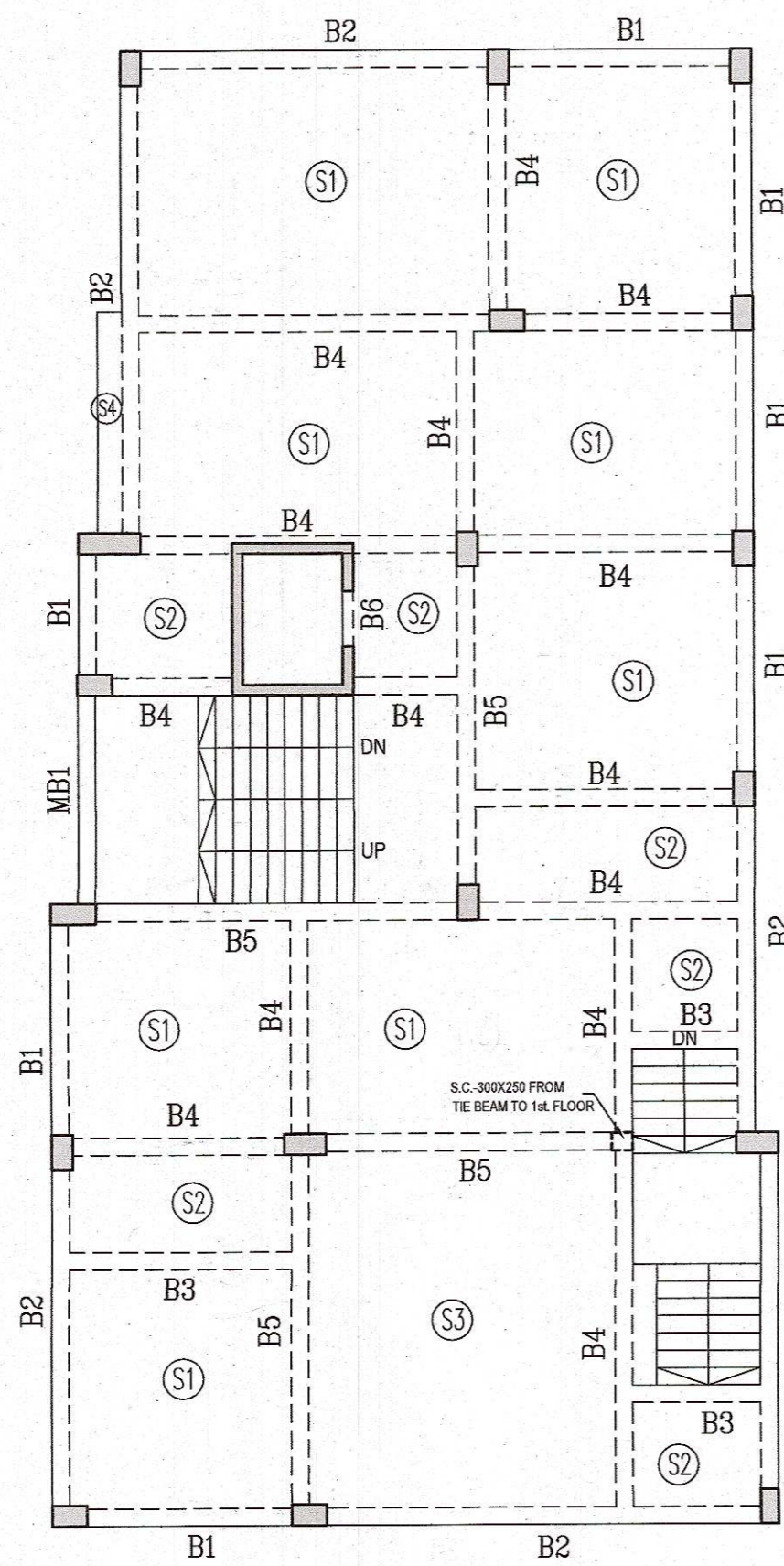
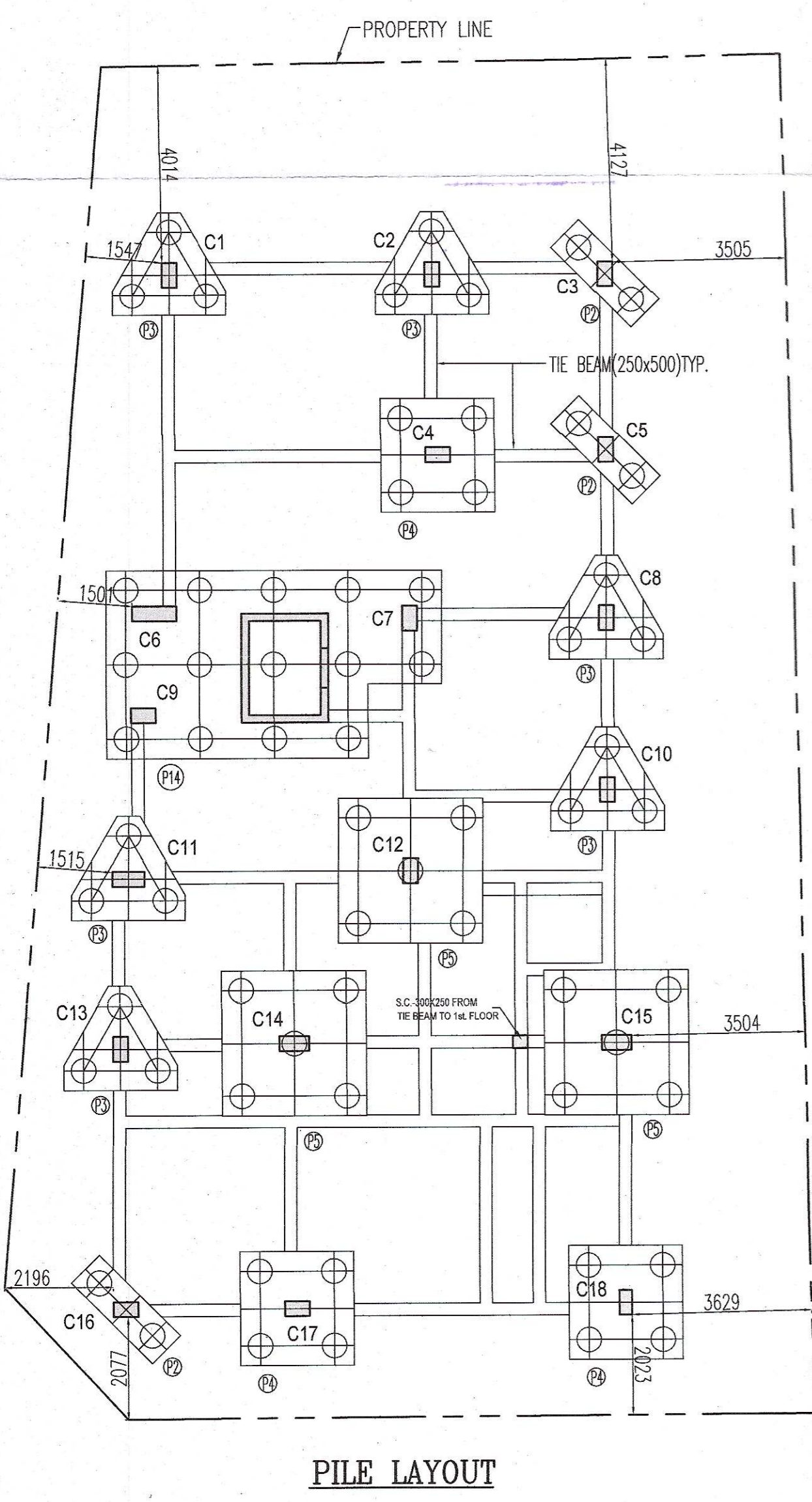
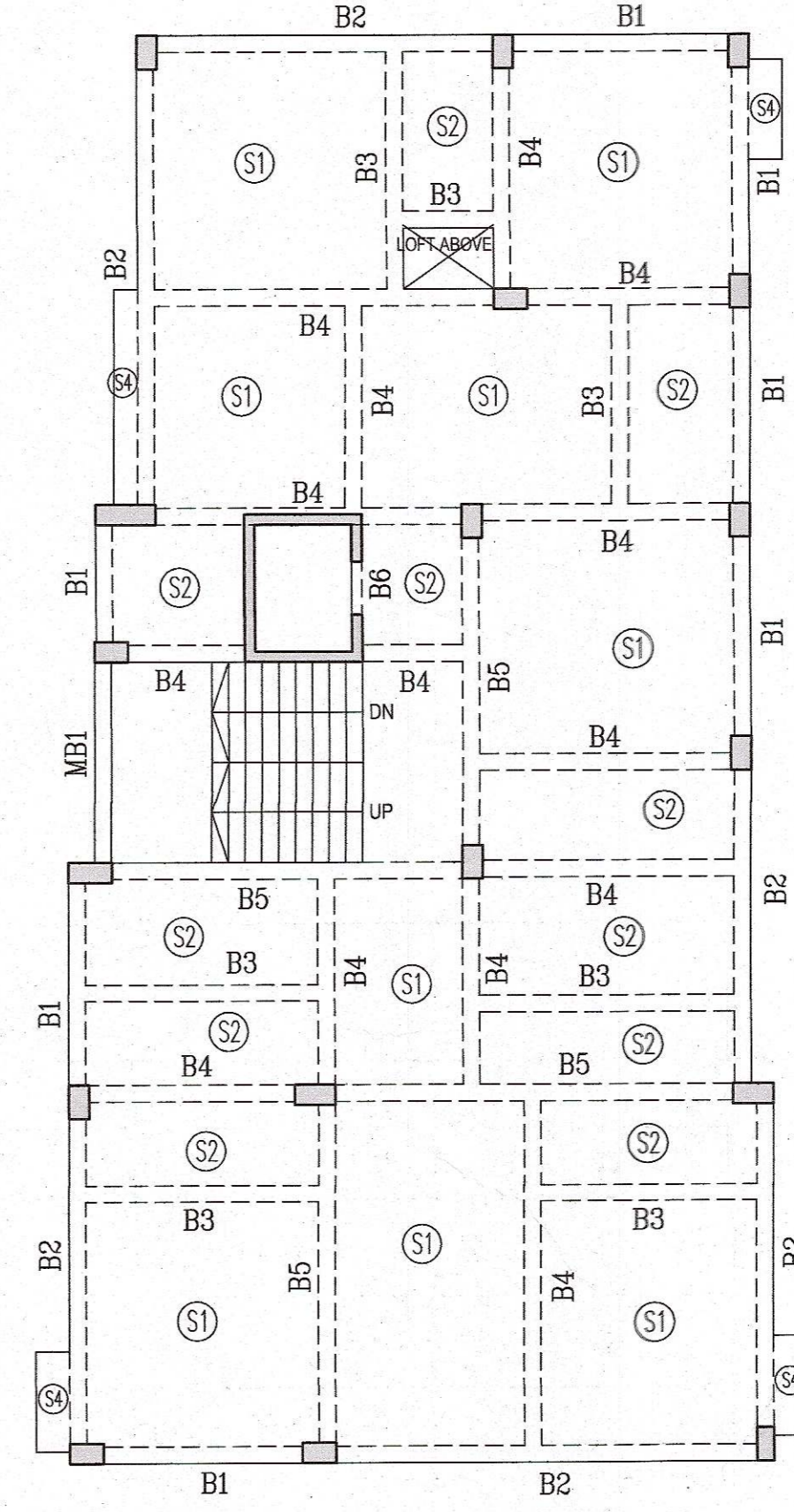
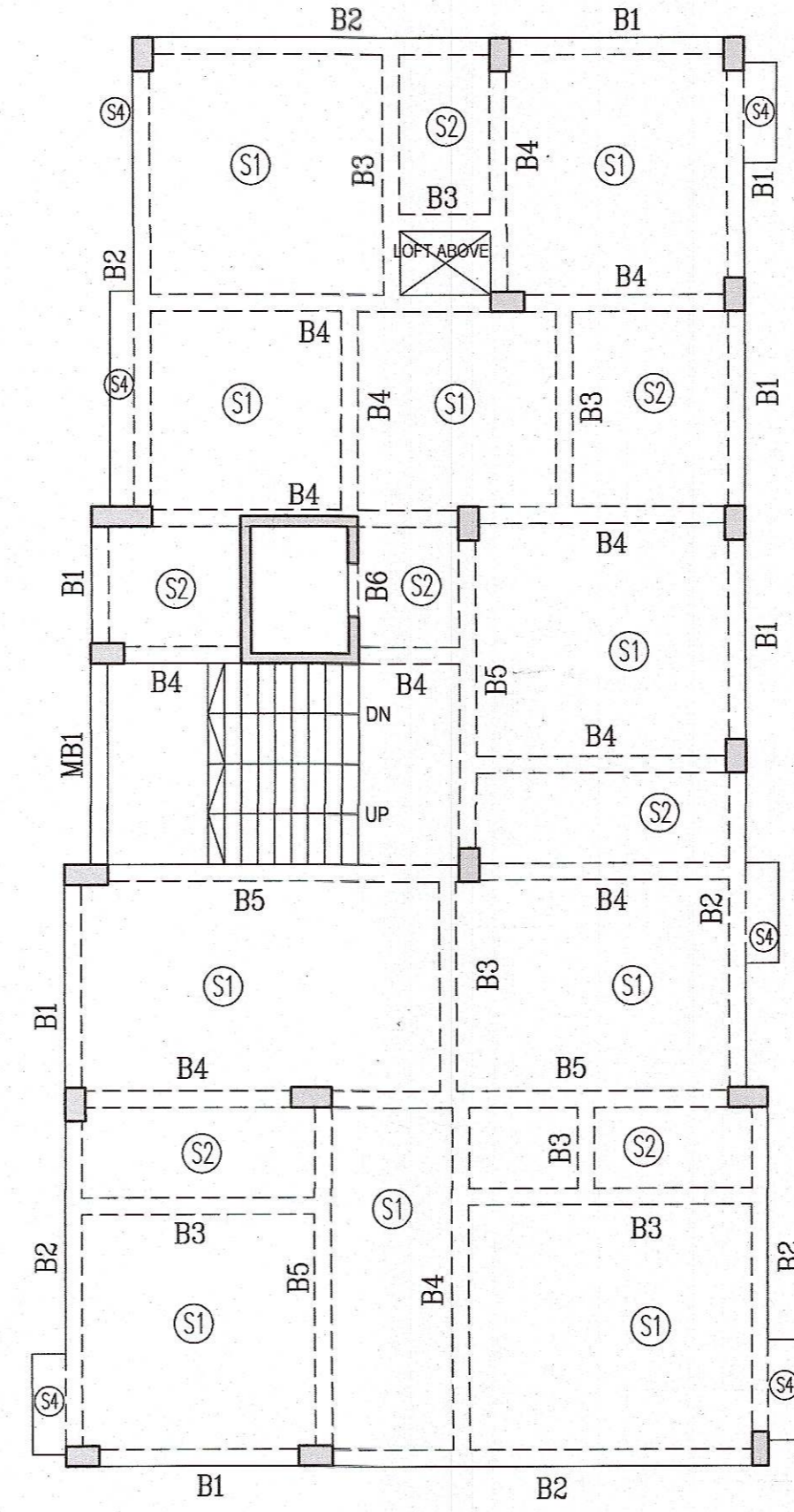
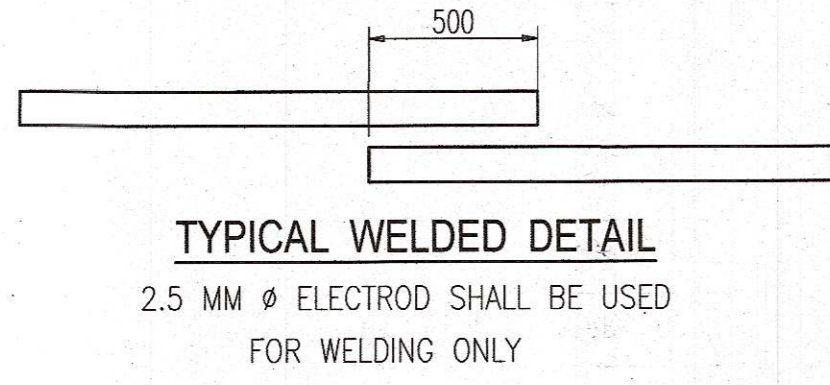
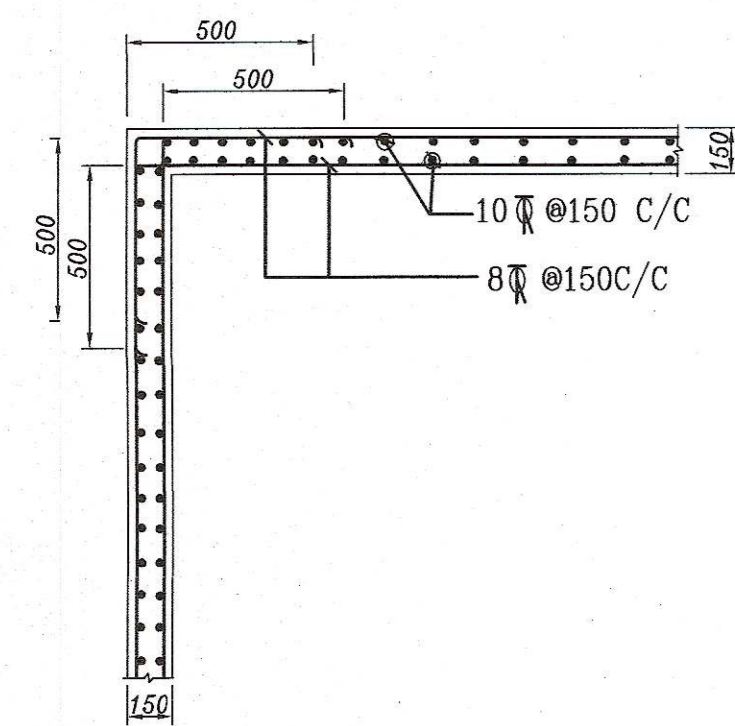
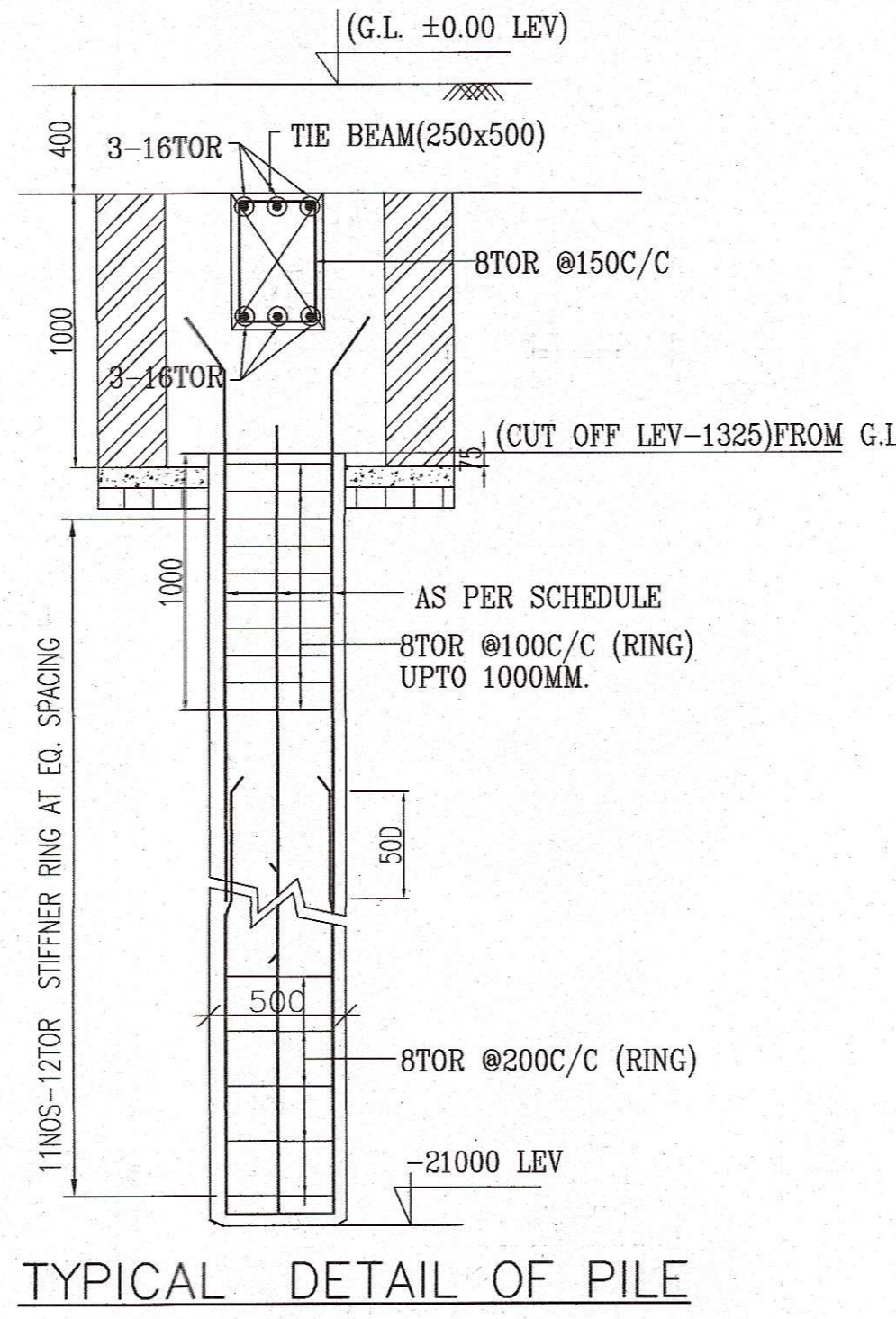
PILE CAP SCHEDULE				
GRADE OF CONCRETE - M25				
TYPE	SIZE	DEPTH	REINFORCEMENT IN SHORTER DIRECTION	REINFORCEMENT IN LONGER DIRECTION
P2	800X2300	900	4L-10TOR@150C/C	20TOR@100 C/C ( B ) 10TOR@100 C/C ( T )
P3	AS/DRG	900	16TOR@150 C/C ( B ) 10TOR@150C/C ( T )	16TOR@150 C/C ( B ) 10TOR@150 C/C ( T )
P4	2300X2300	1000	16TOR@125 C/C ( B ) 10TOR@150C/C ( T )	16TOR@125 C/C ( B ) 10TOR@150 C/C ( T )
P5	2921X2921	1000	16TOR@100 C/C ( B ) 10TOR@150C/C ( T )	16TOR@100 C/C ( B ) 10TOR@150 C/C ( T )
P14	AS/DRG	1400	16TOR@100 C/C ( B ) 16TOR@100 C/C ( T )	16TOR@100 C/C ( B ) 16TOR@100 C/C ( T )

COLUMN SCHEDULE												
GRADE OF CONCRETE - M25												
5TH. FLOOR TO ROOF	10-16	10-16	10-16	4-16#+8-12	4-16#+6-12	6-20#+12-16	10-16	12-16	12-12	6-16#+6-12	12-20	6-20#+6-16
3RD. FLOOR TO 5TH. FLOOR	10-16	10-16	10-16	12-16	4-20#+6-16	6-20#+12-16	4-20#+6-16	12-16	12-16	12-16	12-20	6-20#+6-16
1ST. FLOOR TO 3RD. FLOOR	10-20	10-16	10-16	12-20	4-20#+6-16	6-20#+12-16	10-20	12-16	6-25#+6-20	4-25#+8-20	10-25#+2-20	4-25#+8-20
FOUNDATION TO 1ST. FL. LVL	10-20	4-20#+6-16	10-16	12-20	4-20#+6-16	10-20#+8-16	10-20	12-16	6-25#+6-20	10-25#+2-20	10-25#+2-20	4-25#+8-20
COL SIZE	300X500	300X500	300X500	300X500	300X500	300X900	300X500	300X650	300X500	300X600	300X600	300X500
LINK	8# @100C/C AND 8# @ 200C/C											
COL MARKED	C1	C2	C3,C9,C13,C16	C4	C5,C8	C6	C7,C10	C11	C12	C14	C15	C17,C18

SLAB SCHEDULE			
GRADE OF CONCRETE - M25			
SLAB MKD	DEPTH	REINFT. AT SHORTER SPAN	REINFT. AT LONGER SPAN
S1	125	10# @300C/C ST. 10# @300C/C CKD.	10# @400C/C ST. 10# @400C/C CKD.
S2	125	10# @200C/C TOP 10# @200C/C BOT.	10# @200C/C TOP 10# @200C/C BOT.
S3	150	10# @250C/C ST. 10# @250C/C CKD.	10# @300C/C ST. 10# @300C/C CKD.
S4	150	10# @150C/C TOP 10# @200C/C BOT.	10# @200C/C TOP 10# @200C/C BOT.
S5	175	10# @150C/C TOP 10# @150C/C BOT.	10# @200C/C TOP 10# @200C/C BOT.



CONCRETE GRADE M-25			
PILE SCHEDULE			
MIN CEMENT CONTENT IN CONCRETE SHALL BE = 400Kg /m <sup>3</sup>			
TYPE	DIA OF PILE	REINFORCEMENT	CAPACITY
○	500	7-12 TOR	46.0T



**NOTES:-**

- ALL DIMENSIONS ARE IN MM. UNLESS OTHERWISE MENTIONED.
- SUPER STRUCTURE : SUPER STRUCTURE SHALL BE OF 1ST CLASS BRICK IN 1:6 CEMENT MORTAR.
- ALL GRADE OF CONCRETE M25.
- ALL MATERIALS SHALL CONFORM TO RELEVANT I.S CODES.
- FOR STEEL GRADE Fe 500
- LAPS, SPLICES & BOND LENGTH SHOULD BE 50 D WHERE 'D' IS THE SMALLEST BAR DIA.
- FOUNDATION & PLINTH : BRICKWORK IN FOUNDATION & PLINTH SHALL BE OF 1ST CLASS BRICK IN 1:6 CEMENT MORTAR.
- MINIMUM CLEAR COVER TO MAIN REINFORCEMENT IS AS FOLLOWS:

MEMBER	TOP	BOTTOM	SIDE
a. FOUNDATION BEAM & SLAB	50	50	50
b. COLUMN			40
c. FLOOR BEAM	30	30	30
d. TIE BEAM	30	30	30
e. FLOOR SLAB	25	25	25

**CERTIFICATE OF STRUCTURAL ENGINEER.**

THE STRUCTURAL DESIGN OF BOTH FOUNDATION AND SUPERSTRUCTURE OF THE BUILDING HAS BEEN MADE BY ME CONSIDERING ALL POSSIBLE LOADS INCLUDING THE SEISMIC LOAD AS PER N.B.C. OF INDIA AND CERTIFY THAT IT WILL BE SAFE AND STABLE IN ALL RESPECT. THE RECOMMENDATIONS OF SOIL TEST REPORT WAS CONSIDERED DURING STRUCTURAL CALCULATION.

DR. SUJIT KUMAR BOSE  
Ph.D., M.C.E.(SAIL), B.C.E.(IITK),  
MIS, MIRC  
Empowered Geotechnical  
Engineer Under KVIC  
License No.-G.T./112  
S.K. BOSE GIE /12

SANJIV J. PAREKH  
M.E.(STRUCT.), M.E.(CONSTR. ENGRG.)  
B.C.E., FIE (F-18202-4)  
E.S.E. No. 114 (I) K.M.C.

SIGNATURE OF STRUCTURAL ENGINEER

**DECLARATION OF ARCHITECT.**

CERTIFIED THAT THE PLAN ITSELF WITH FULL RESPONSIBILITY THAT THE BUILDING PLAN HAS DRAWN UP AS PER PROVISION OF K.M.C. BUILDING RULES 2009, AS AMENDED FROM TIME TO TIME. THE SITE CONDITION INCLUDING THE ADJUTING ROAD IS CONFORM WITH THE PLAN. IT IS A BUILDABLE SITE NOT A TANK OR FILLED UP TANK. THERE IS AN EXISTING STRUCTURE TO BE DEMOLISHED BEFORE COMMENCEMENT OF WORK, AND IT IS OCCUPIED BY THE OWNER AND TENANT.

ANJAN UKIL  
Architect  
C.O.A. Regn. No. CA94/16721  
L.B.A. A-77  
ANJAN UKIL (CA/16721)  
SIGNATURE OF ARCHITECT.

**DECLARATION OF OWNER :**

I DO HEREBY DECLARE WITH FULL RESPONSIBILITY THAT I SHALL ENGAGE L.B.A & E.S.E DURING CONSTRUCTION. I SHALL FOLLOW THE INSTRUCTION OF L.B.A & E.S.E DURING CONSTRUCTION OF THE BUILDING (AS PER PLAN). K.M.C AUTHORITY WILL NOT BE RESPONSIBLE FOR STRUCTURAL STABILITY OF THE BUILDING & ADVANCING STRUCTURE IF ANY SUBMITTED DOCUMENT ARE FAKE. THE K.M.C AUTHORITY WILL REVOKE THE SANCTION PLAN. THE CONSTRUCTION OF U.G.W.RESERVOIR WILL BE TAKEN UNDER THE GUIDANCE OF L.B.A / E.S.E BEFORE STARTING OF BUILDING FOUNDATION.

Ain Saman  
ASIS BANGKAR DIRECTOR REVIEW  
DEALCONOM PVT. LTD.  
AND CONSTITUTED ATTORNEY OF  
1. SMT. SUNITA KUMAR CHOPRA  
2. SMT. VIDHI CHOPRA  
3. SMT. SUNITA KUMAR CHOPRA  
4. REVIEW DEALCONOM PVT. LTD.  
5. SMT. SUNITA KUMAR CHOPRA  
6. SMT. DOLLY BISWAS  
7. SMT. SUBSITU BISWAS

SIGNATURE OF OWNER

REVISION	NO	DATE	
ISSUED FOR			
<b>PROJECT</b>			
PROPOSED G+VI STORIED (21.500 MTS.) RESIDENTIAL BUILDING AT PREMISES NO.- 56A, LAKE VIEW ROAD KOLKATA-700 029, WARD NO. - 86, BOROUGH NO.-VIII, P. S. - RABINDRA SAROBAR, UNDER RULE-142 OF K.M.C. BUILDING RULE 2009.			
<b>TITLE</b>			
CORPORATION DRAWING			
<b>ARCHITECT</b>			
<b>STRUCTURAL ENGINEERS</b>			
S.P.A. CONSULTANTS 34, RAM MOHAN DUTTA ROAD KOLKATA - 700020 PH. NO 2485-5448/5449, 2475-7614 (Tel.Fax) E-mail: spa_cons@yahoo.co.in			
<b>DRAWN BY</b> J.B	<b>CHECKED BY</b> S.P	<b>DATE</b> 09.06.2023	<b>SCALE:</b> 1:100.25
<b>JOB NO.</b> 2023	<b>86</b>	<b>Anjan Ukil</b>	<b>SPA</b>
<b>DRG. NO.</b> 2023/86/Anjan Ukil/SPA/56A, LAKE VIEW ROADCS-01/80			



**PARTY'S COPY**



Structural plan and design calculation as submitted by the structural engineer have been kept with S.P. No. 2022/2019.3 Date 1.5.11/10 for record of the Kolkata Municipal Corporation without verification No. deviation from the submitted structural plan should be made at the time of erection without submitting fresh structural plan along with design calculation and stability certificate in the prescribed form, necessary steps should be taken for the safety of the adjoining premises public and private properties and safety of human life during construction.

*[Signature]*  
EXECUTIVE ENGINEER/ASST. ENGINEER  
BOROUGH NO. 24



RECEIVED  
BUILDING DEPARTMENT  
KOLKATA MUNICIPAL CORPORATION

RECEIVED  
BUILDING DEPARTMENT  
KOLKATA MUNICIPAL CORPORATION