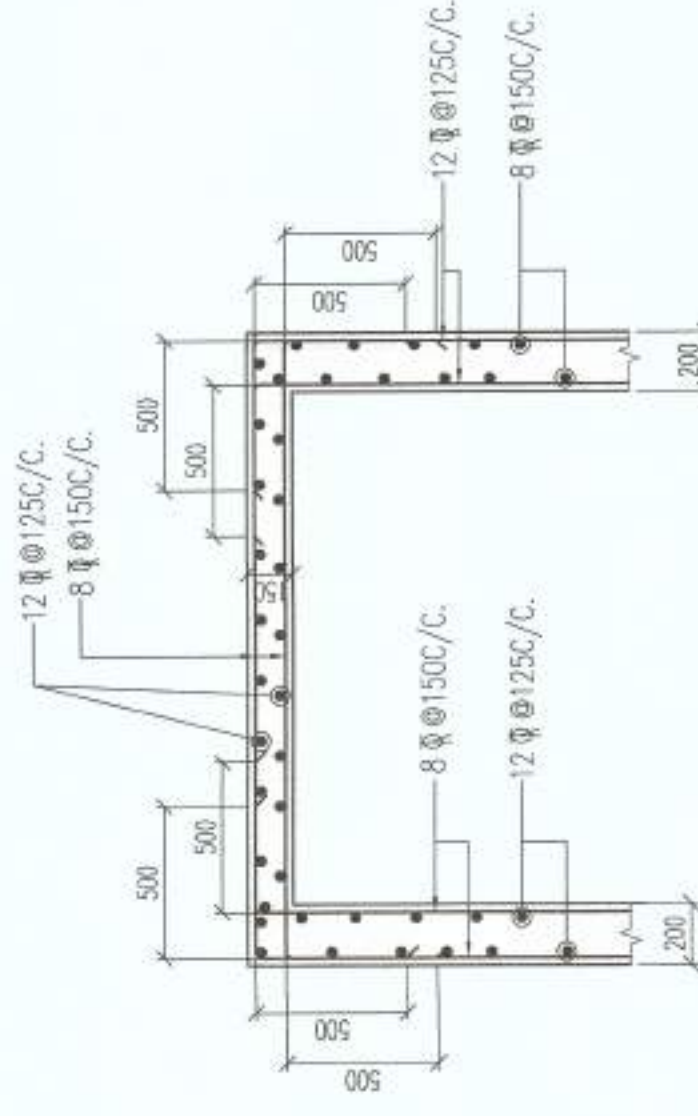


TYPICAL FLOOR BEAM SCHEDULE-(BLOCK-1,2)

BEAM MKD	BEAM SIZE	REINFT. AT SUPPORT	REINFT. AT MID SPAN	STIRRUPS AT SUPPORT(0.3L)	STIRRUPS AT SPAN
B1	250	3-16#2+2-16#	2-16#+1-12#	2L-8#@1000/C	2L-8#@1500/C
B1A	250	3-16#2+2-16#	2-16#+2-16#	2L-8#@1000/C	2L-8#@1000/C
B2	250	3-16#3-16#	3-16#+1-12#	2L-8#@1000/C	2L-8#@1000/C
B3	250	3-16#3-16#	3-16#	2L-8#@1000/C	2L-8#@2000/C
B4	250	2-16#	3-16#	2L-8#@1000/C	2L-8#@1500/C
B5	250	3-16#3-16#	3-16#	2L-8#@1000/C	2L-8#@1000/C
B5A	250	3-16#3-16#	3-16#	2L-8#@1000/C	2L-8#@2000/C
B6	250	2-16#	2-16#	2L-8#@2000/C	2L-8#@2000/C
B7	200	2-16#	2-16#	2L-8#@1000/C	2L-8#@1000/C
B7A	200	2-16#	2-16#	2L-8#@1000/C	2L-8#@1000/C
B8	250	4-16#	2-16#	2L-8#@1000/C	2L-8#@1500/C
B9	250	2-16#	2-16#	2L-8#@1500/C	2L-8#@1500/C
B10	150	2-16#	2-16#	2L-8#@1000/C	2L-8#@1500/C
MB-1	250	3-16#	3-16#	2L-8#@1000/C	2L-8#@1500/C
MB-2	250	3-16#	3-16#	2L-8#@1000/C	2L-8#@1500/C

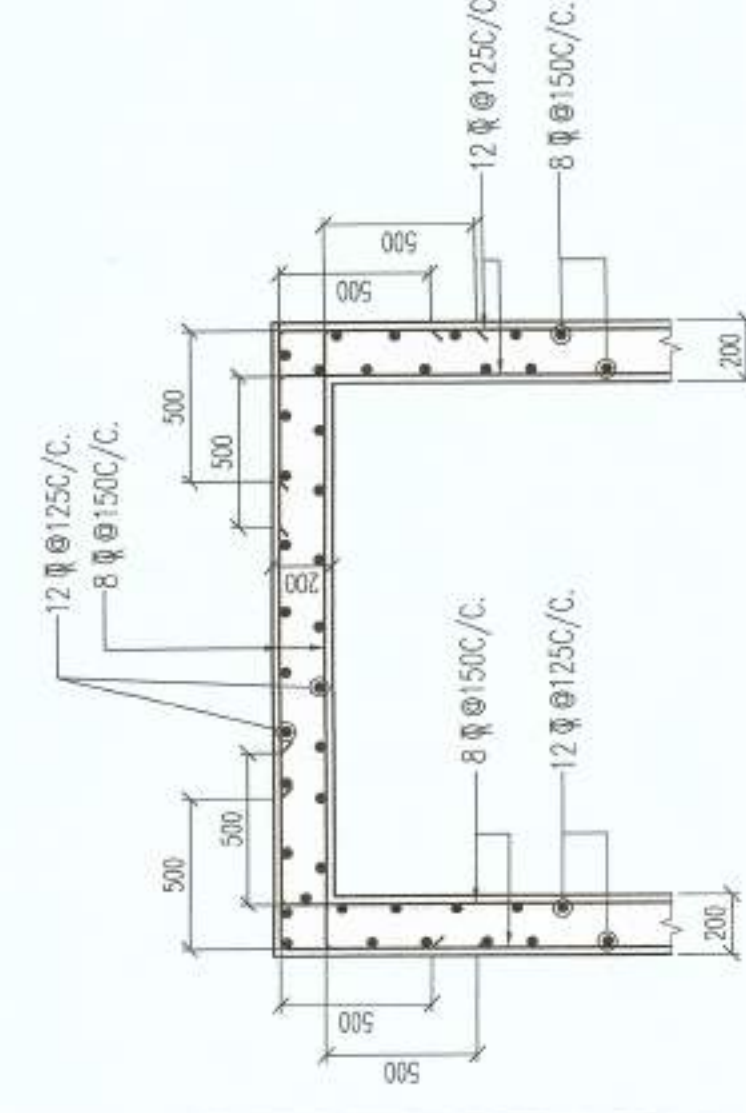
TYPICAL FLOOR SLAB SCHEDULE-(BLOCK-1,2)

SLAB MKD.	DEPTH	REINFT. AT SHORTER SPAN	REINFT. AT LONGER SPAN
S1	125	8# @4000/C ST. 8# @4000/C CKD.	8# @4000/C ST. 8# @4000/C CKD.
S2	125	8# @4000/C ST. 8# @4000/C CKD.	8# @4000/C ST. 8# @4000/C CKD.
S3	125	8# @4000/C ST. 8# @4000/C CKD.	8# @4000/C ST. 8# @4000/C CKD.
S4	125	8# @4000/C ST. 8# @4000/C CKD.	8# @4000/C ST. 8# @4000/C CKD.
S5	125	8# @4000/C ST. 8# @4000/C CKD.	8# @4000/C ST. 8# @4000/C CKD.
S6	125	8# @3000/C ST. 8# @3000/C CKD.	8# @4000/C ST. 8# @4000/C CKD.
S7	150	8# @3000/C ST. 8# @3000/C CKD.	8# @4000/C ST. 8# @4000/C CKD.
S8	150	10# @3000/C ST. 10# @3000/C CKD.	10# @3000/C ST. 10# @3000/C CKD.
S9	165	10# @3000/C ST. 10# @3000/C CKD.	10# @3000/C ST. 10# @3000/C CKD.
S10	150	8# @1500/C BOT. 8# @1500/C TOP.	8# @2000/C BOT. 8# @2000/C TOP.

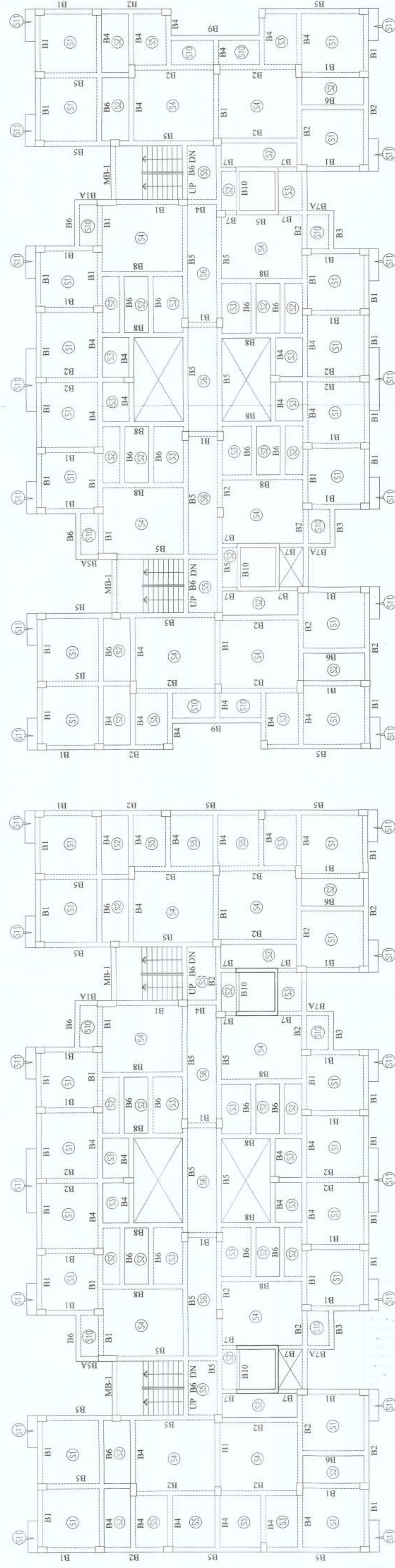
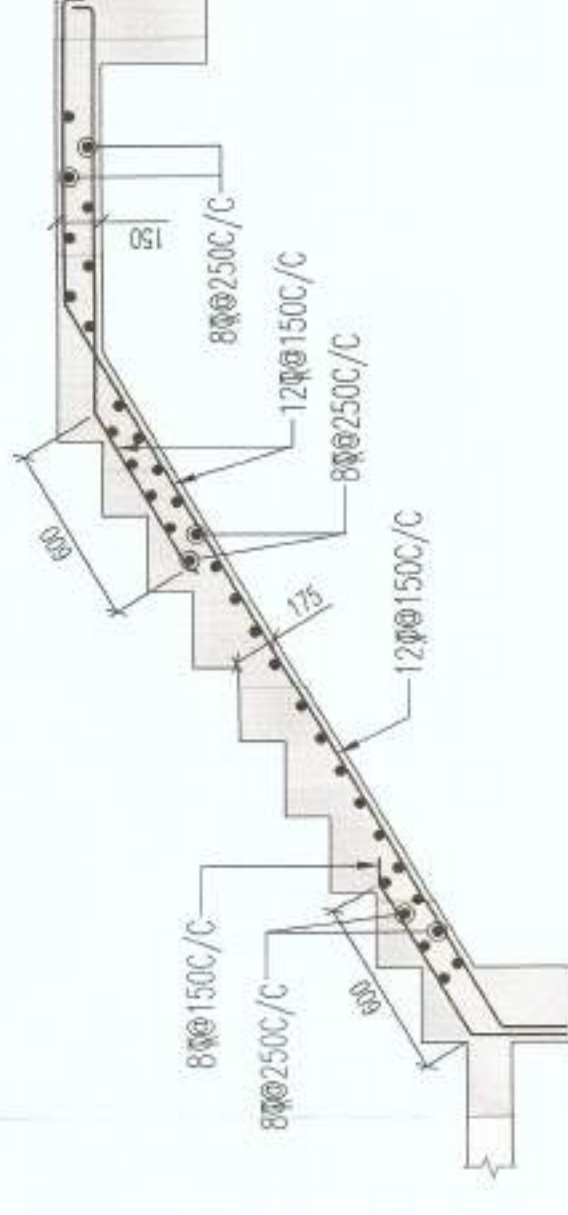


TYPICAL DETAILS OF LIFT WALL-2

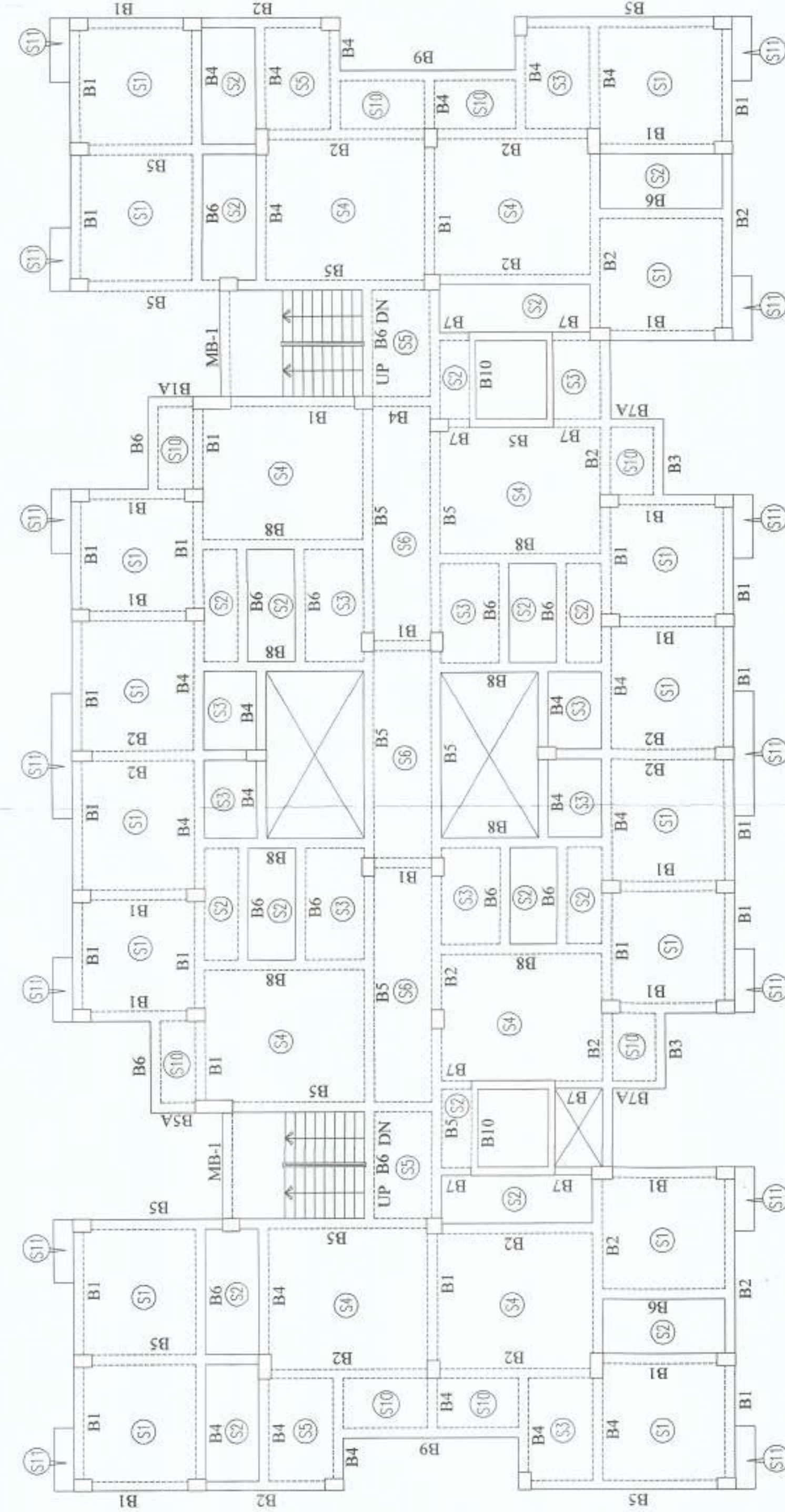
TYPICAL DETAILS OF LIFT WALL-1



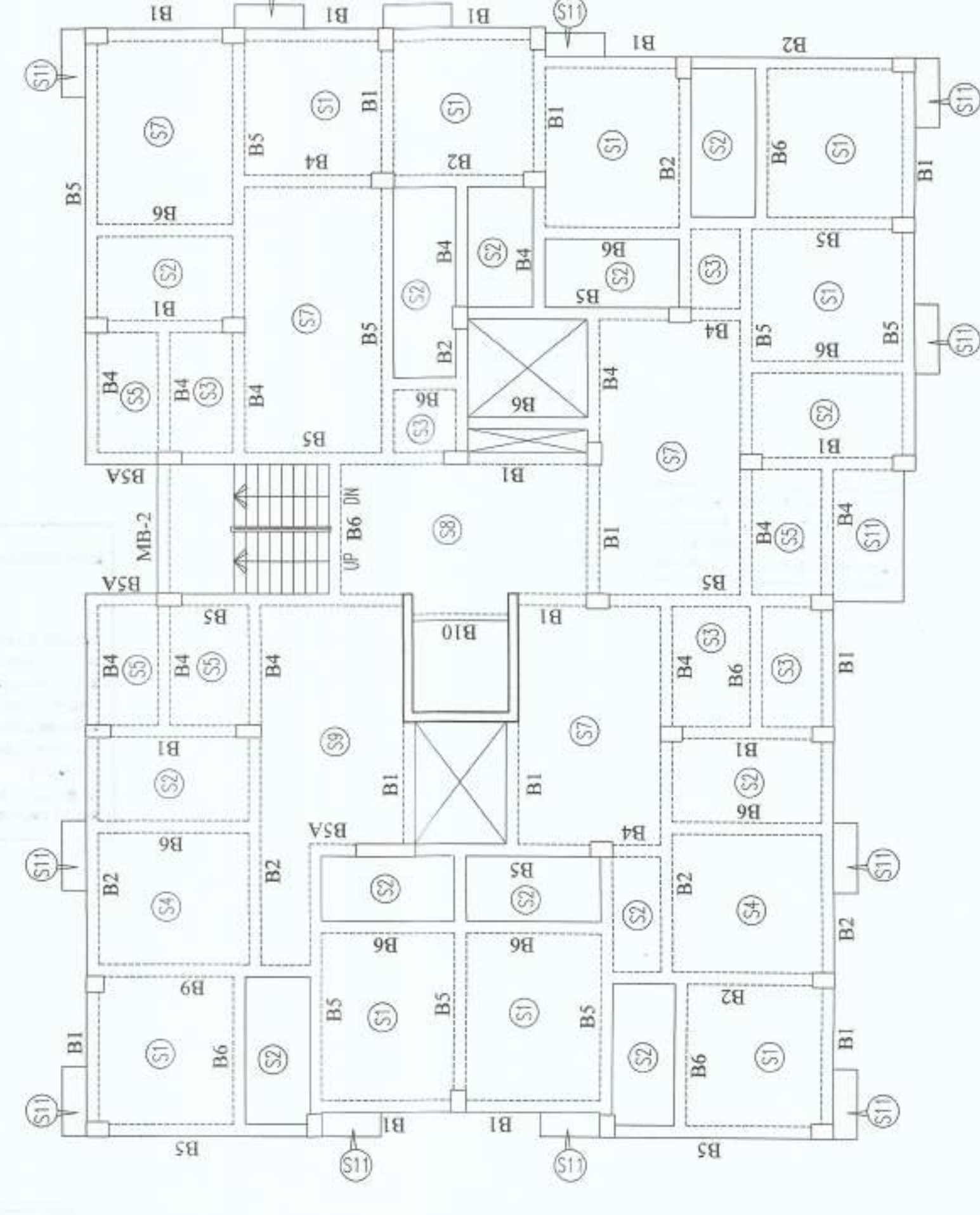
TYPICAL DETAILS OF STAIR



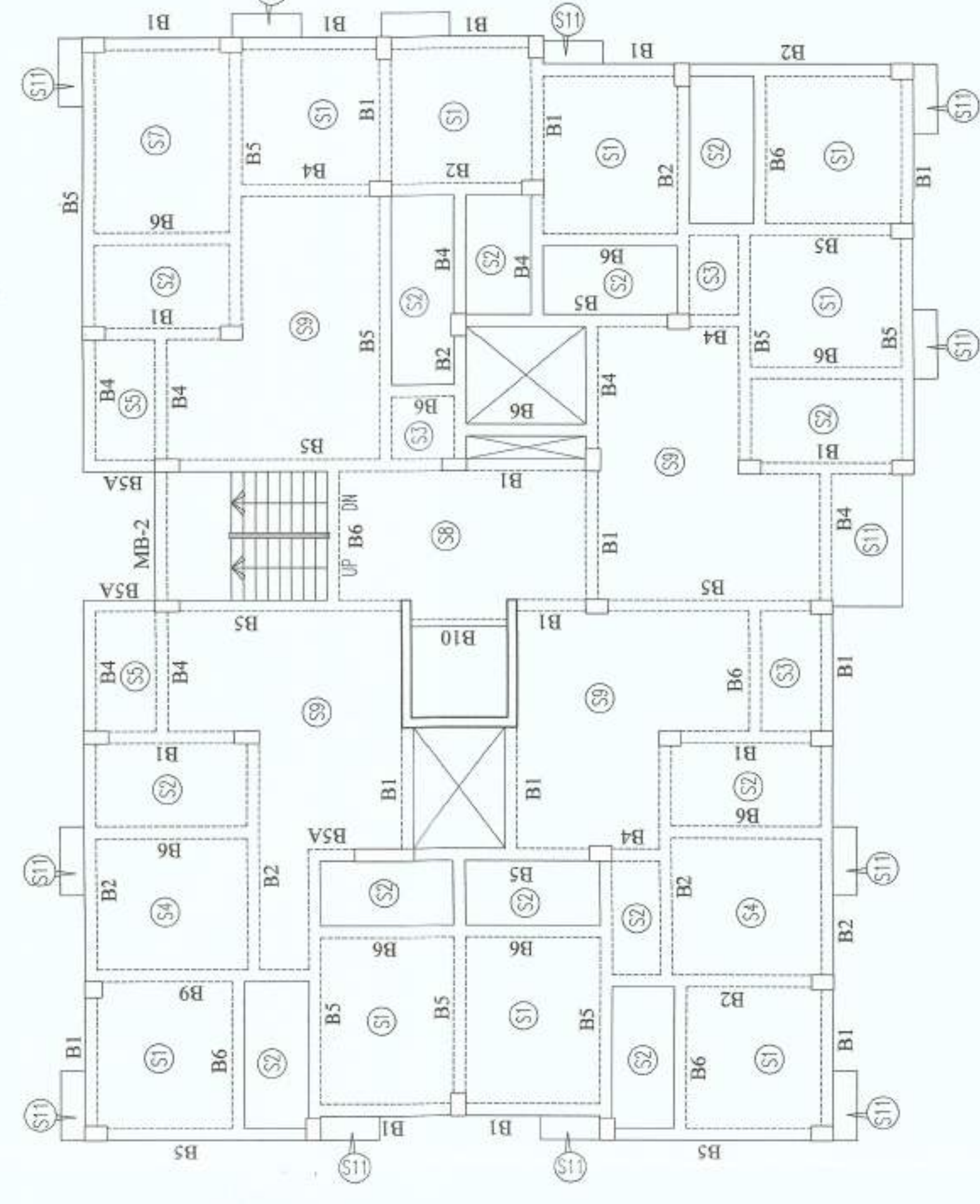
1ST. FLOOR BEAM LAYOUT (BL-1)



2ND. FLOOR BEAM LAYOUT (BL-2)



3RD. FLOOR BEAM LAYOUT (BL-1)



4TH. FLOOR BEAM LAYOUT (BL-1)

CERTIFICATE OF OWNER

1. I SHALL ENGAGE ARCHITECT AND E.S.E DURING CONSTRUCTION DURING CONSTRUCTION OF THE BUILDING.
2. I SHALL FOLLOW THE INSTRUCTIONS OF ARCHITECT AND E.S.E.
3. K.M.C AUTHORITY WILL NOT BE RESPONSIBLE FOR STRUCTURE STABILITY OF BUILDING.
4. K.M.C AUTHORITY WILL NOT BE RESPONSIBLE FOR THE K.M.C AUTHORITY MAY REVOKE THE SANCTION PLAN.
5. THE CONSTRUCTION OF WATER RESERVOIR AND SEPTIC TANK EXECUTED UNDER THE GUIDANCE OF ARCHITECT & E.S.E

Uttam K. Choudhary
DIRECTOR
LIBERTY REAL ESTATE PVT. LTD.

1) 3rd Floor, Liberty Real Estate Pvt. Ltd., 1st Floor, Liberty Real Estate Pvt. Ltd., 1st Floor, Liberty Real Estate Pvt. Ltd.
2) 1st Floor, Liberty Real Estate Pvt. Ltd., 1st Floor, Liberty Real Estate Pvt. Ltd.
3) 1st Floor, Liberty Real Estate Pvt. Ltd., 1st Floor, Liberty Real Estate Pvt. Ltd.

SIGNATURE OF OWNERS

LIBERTY REAL ESTATE PVT. LTD.

CONSTITUTED ATTORNEYS FOR

(1) SRI UTTAM KUMAR CHOUHARY,

(2) SRI SUDHANU CHOUHARY,

(3) SRI GOPAL CHOUHARY,

(4) MRS. PRIYANKA CHOUHARY,

ADDRESS:

13A/27, AIRY ROAD, PO & PS - ULTANAKA,

KOLKATA - 700072.

CERTIFICATE OF STRUCTURAL ENGINEER

THE STRUCTURAL DESIGN OF BOTH FOUNDATION AND SUPERSTRUCTURE OF THE BUILDING HAVE BEEN MADE BY ME CONSIDERING ALL POSSIBLE LOADS INCLUDING THE SEISMIC LOAD AS PER NBC OF INDIA AND CERTIFY THAT IT IS SAFE AND STABLE IN ALL RESPECT. SOIL INVESTIGATION REPORT HAS BEEN DONE BY 'STRUCTURAL IMPROVEMENT CO.' 68 / 1 BAKAMAR ROAD, KOLKATA - 700054. THE RECOMMENDATION OF SOIL REPORT HAS BEEN CONSIDERED DURING STRUCTURAL CALCULATION.

SANDYI T. PARBEKI

M.E. STRUCTURAL ENGINEERING,

B.C.E.E., INDIA INSTITUTE OF TECHNOLOGY,

KOLKATA - 700010.

SIGNATURE OF STRUCTURAL ENGINEER

SANDHYA PARBEKI,

E.S.E. I (04A),

ADDRESS:

34 RAMMOHAN DATTA ROAD,

KOLKATA - 700020.

CERTIFICATE OF ARCHITECT

THE U.B.A. HAS CERTIFIED ON THE PLAN (SET) WITH FULL RESPONSIBILITY THAT THE BUILDING PLAN HAS BEEN DRAWN UP AS PER PROVISIONS OF K.M.C. BLDG. RULES 2009, AS AMENDED FROM TIME TO TIME AND THAT THE SITE CONDITION INCLUDING THE WIDTH OF THE ADJUTING ROAD CONFORM WITH THE PLAN AND IT IS A BUILDABLE SITE AND NOT A TANK OR A FILLED UP TANK.

Rajkumar Agarwal

Member of Council of Architect

Architectural No. 94/17940

SIGNATURE OF ARCHITECT

RAJ KUMAR AGARWAL

COUNCIL REGISTRATION NO. CV/94/17940

ADDRESS:

RAJ KUMAR AGARWAL & ASSOCIATES

8B, ROYD STREET (2ND FLOOR), KOLKATA-16.

CERTIFICATE OF ARCHITECT

UNDERSIGNED HAS INSPECTED THE SITE AND CARRIED OUT SOIL INVESTIGATION THEREON. IT IS CERTIFIED THAT THE EXISTING SOIL OF THE SITE IS ABLE TO CARRY THE LOAD COMING FROM THE PROPOSED CONSTRUCTION AND THE FOUNDATION SYSTEM PROPOSED HEREIN IS SAFE & STABLE IN ALL RESPECT FROM GEO-TECHNICAL POINT OF VIEW.

DR. SANTOSH KUMAR CHAKRABORTY

B.C.E., M.E. (Civil Engineering)

Member of Council of Architect

Architectural No. 94/17940

SIGNATURE OF ARCHITECT

DR. SANTOSH KUMAR CHAKRABORTY

COUNCIL REGISTRATION NO. CV/94/17940

ADDRESS:

DR. SANTOSH KUMAR CHAKRABORTY & ASSOCIATES

8B, ROYD STREET (2ND FLOOR), KOLKATA-16.

SIGNATURE OF CERTIFIED ENGINEER

PROPOSED G+IV (15.475 MT.) STORED RESIDENTIAL BUILDING AT PREMISES NO.191, BIPLABI BARIN GHOSH SARANI, P.S.: MANIKTALA, UNDER K.M.C. WARD NO.-32, BOROUGH-III, KOLKATA-700067.

TITLE
CORPORATION DRAWING
FLOOR BEAM LAYOUT & SCHEDULE
(BLOCK-1,2)

ARCHITECTS
RAJ AGRAWAL & ASSOCIATES
8B, ROYD STREET,
KOLKATA-16

STRUCTURAL ENGINEERS
S.P.A. CONSULTANTS
31 RAM MOHAN DATTA ROAD,
KOLKATA - 700020. PH. NO. 2485-5448, 2485-5449,
E-MAIL: spa_consultants@yahoo.co.in

DRAWN BY -
DATE: 16.05.2019

CHECKED BY -
DATE: 16.05.2019

JOB NO. 2019 44 BALAJI 19/1 BRAB BRAB DOSH SRAB

DRG. NO. 2019KALAGI/191 BRAB BRAB DOSH SRAB

NOTES:-

- ALL DIMENSIONS ARE IN MM. UNLESS OTHERWISE MENTIONED.
- SUPER STRUCTURE : SUPER STRUCTURE SHALL BE OF 1ST CLASS BRICK IN 1:6 CEMENT MORTAR.
- FOUNDATION : FOUNDATION SHALL BE OF 1ST CLASS CONCRETE.
- ALL MATERIALS SHALL CONFORM TO RELEVANT I.S. CODES.
- FOR STEEL GRADE F_y 500 AS PER IS 1786:2008.
- LAPS, SPICES & 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. TIE BEAM	30	30	30
d. FLOOR BEAM	30	30	30
e. FLOOR SLAB	20	20	20
f. PILE	-	50	-
g. F-PILECAP	50	50	50

9. THIS DRAWING IS THE PROPERTY OF M/S S.P.A. CONSULTANT AND CANNOT BE COPIED OR USED WITHOUT THEIR WRITTEN PERMISSION.