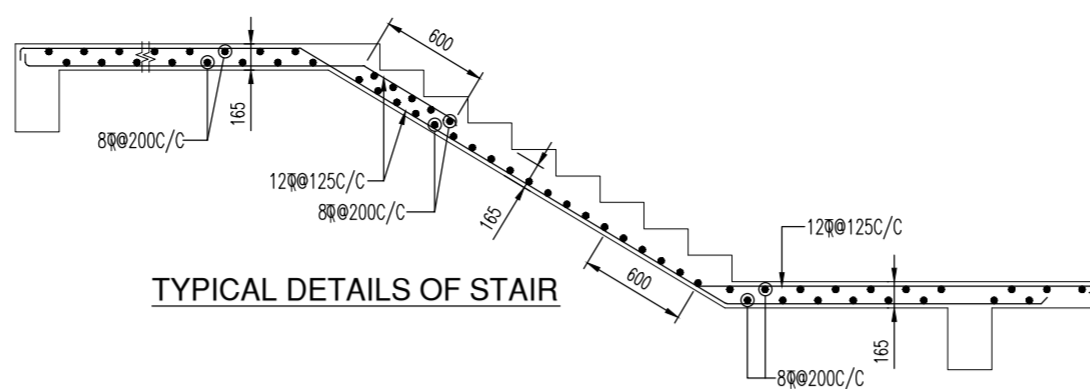
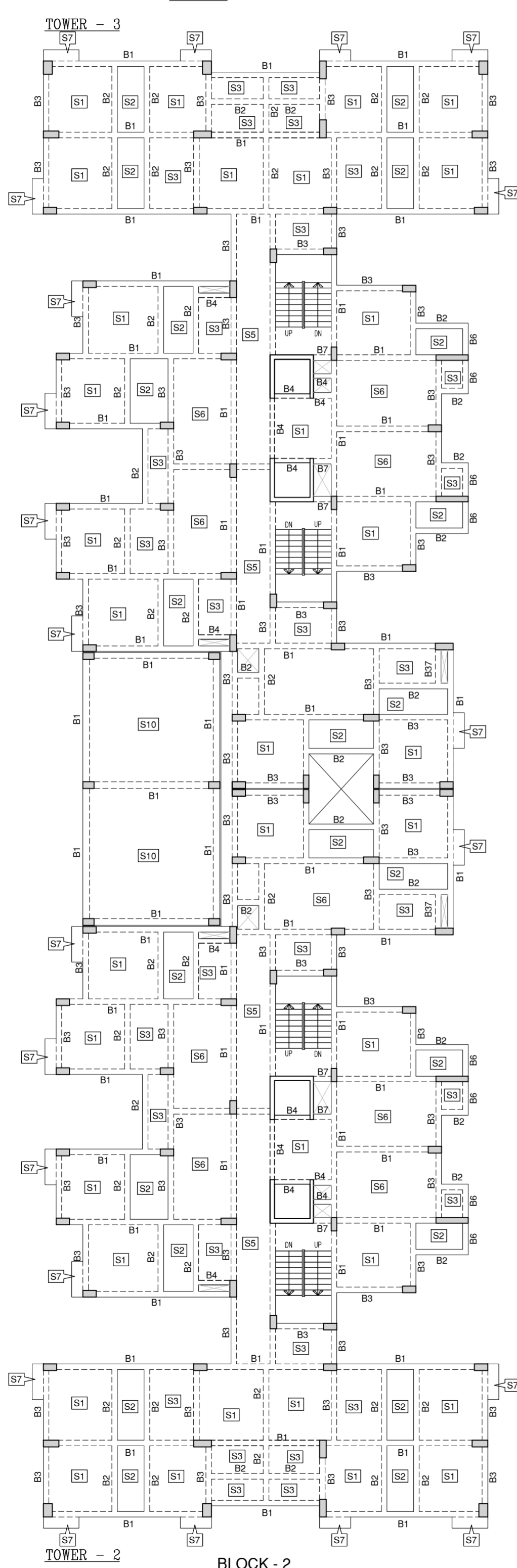


TYPICAL DETAILS OF LIFT WALL
TYPE - 1

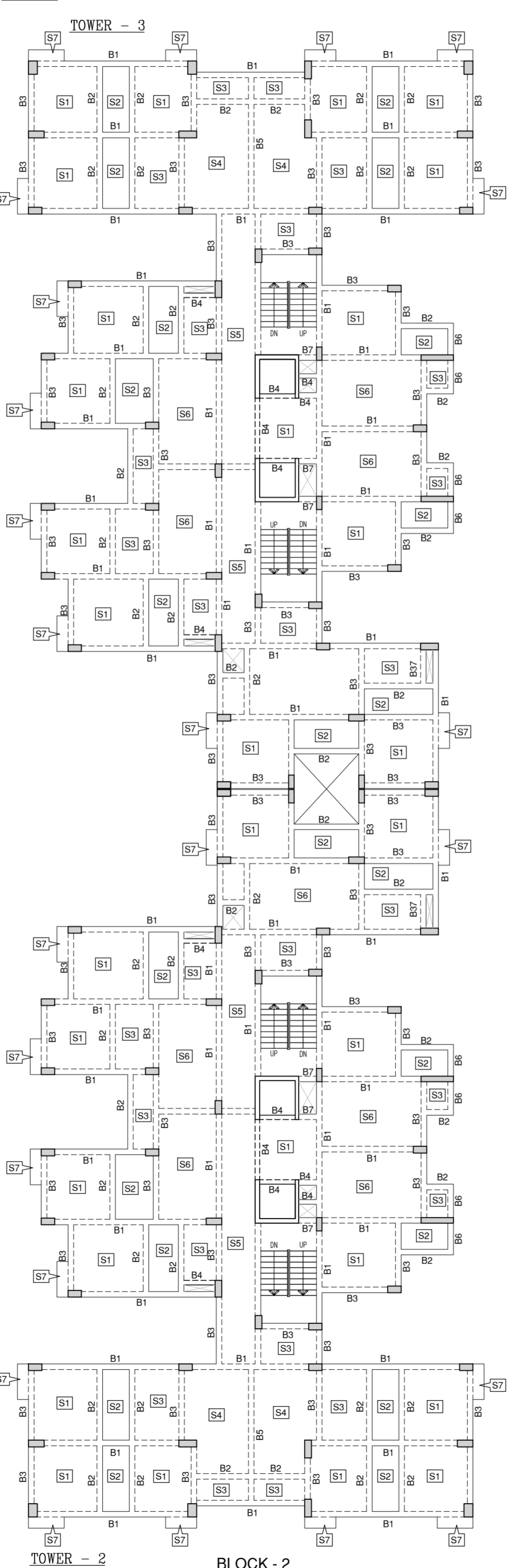
TYPICAL DETAILS OF LIFT WALL
TYPE - 2



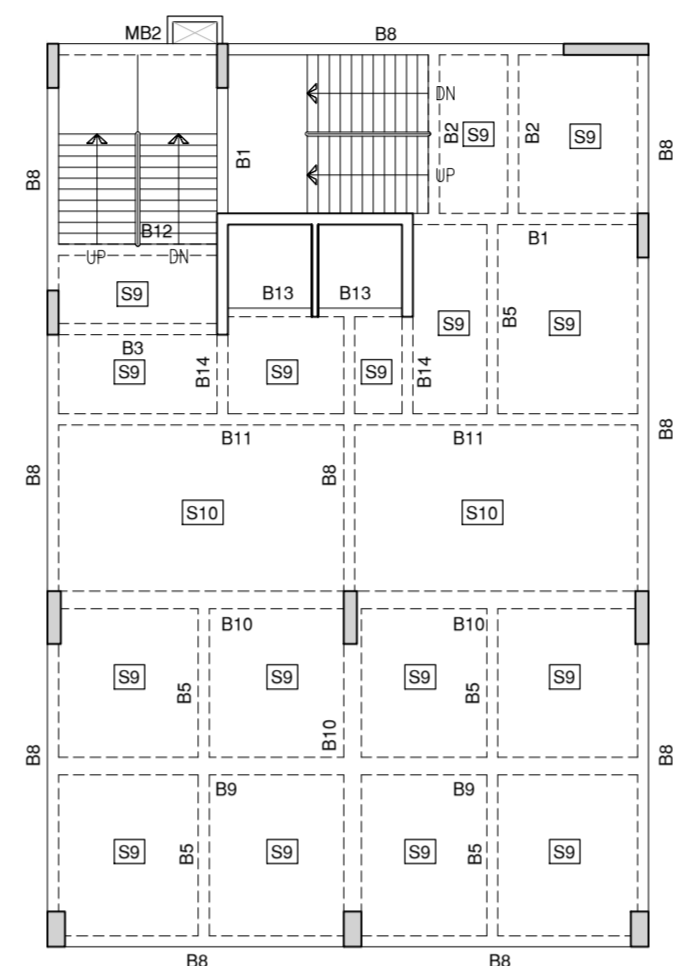
TYPICAL DETAILS OF STAIR



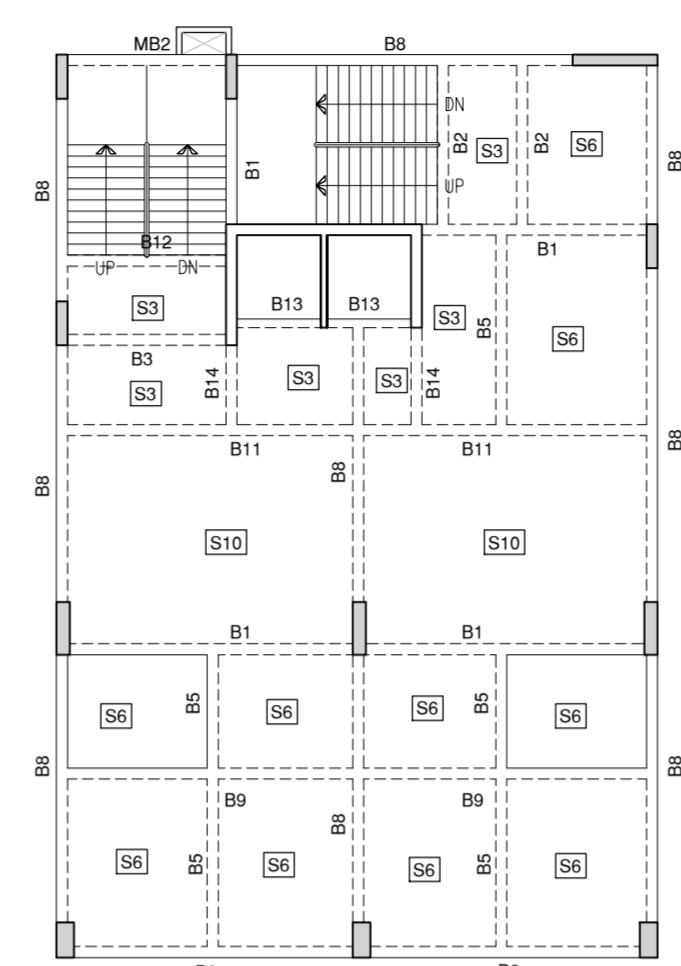
TOWER - 3
BLOCK - 2
UPPER GROUND FLOOR BEAM LAYOUT



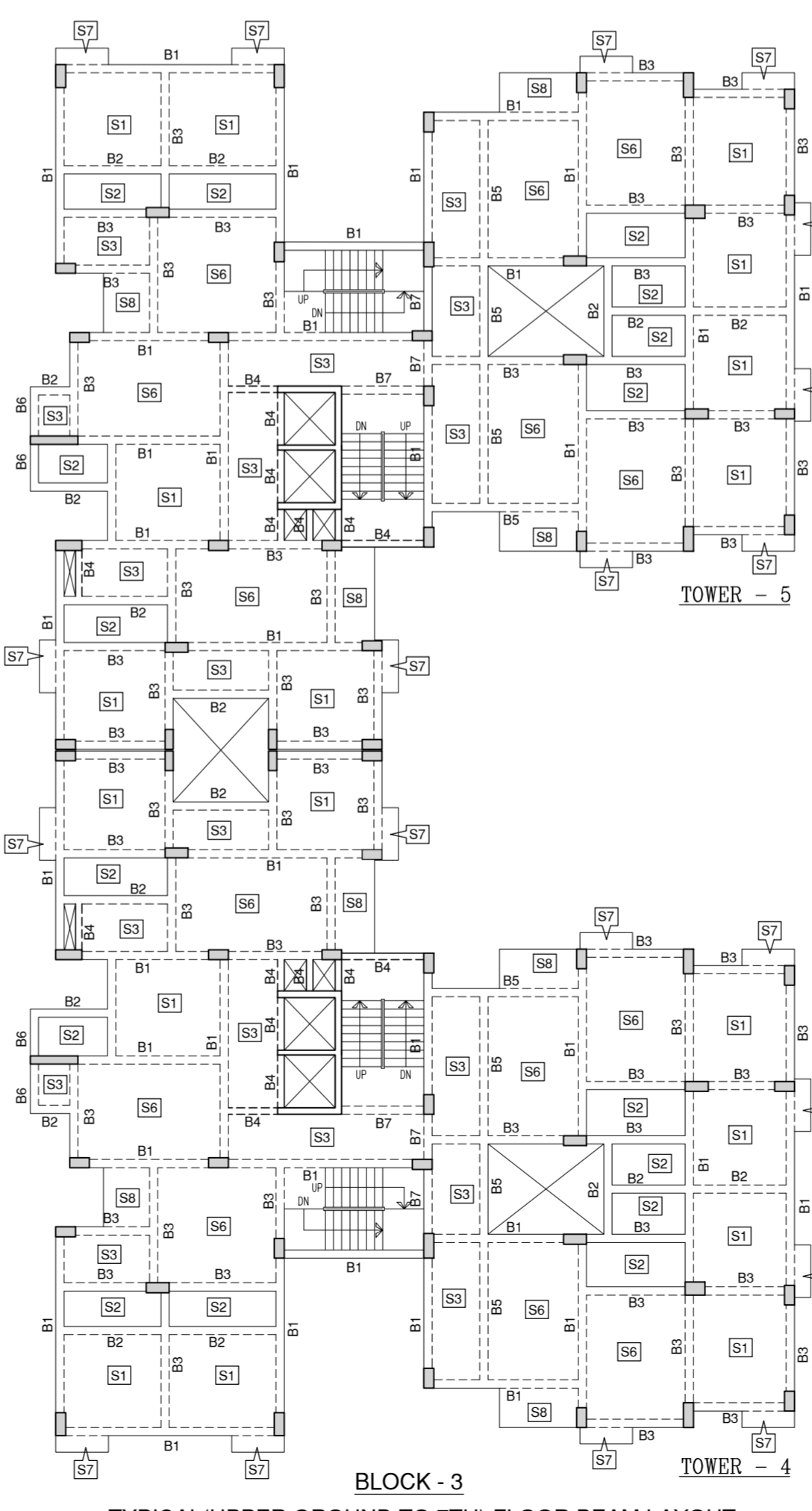
TOWER - 3
BLOCK - 2
TYPICAL(1ST TO 7TH) FLOOR BEAM LAYOUT



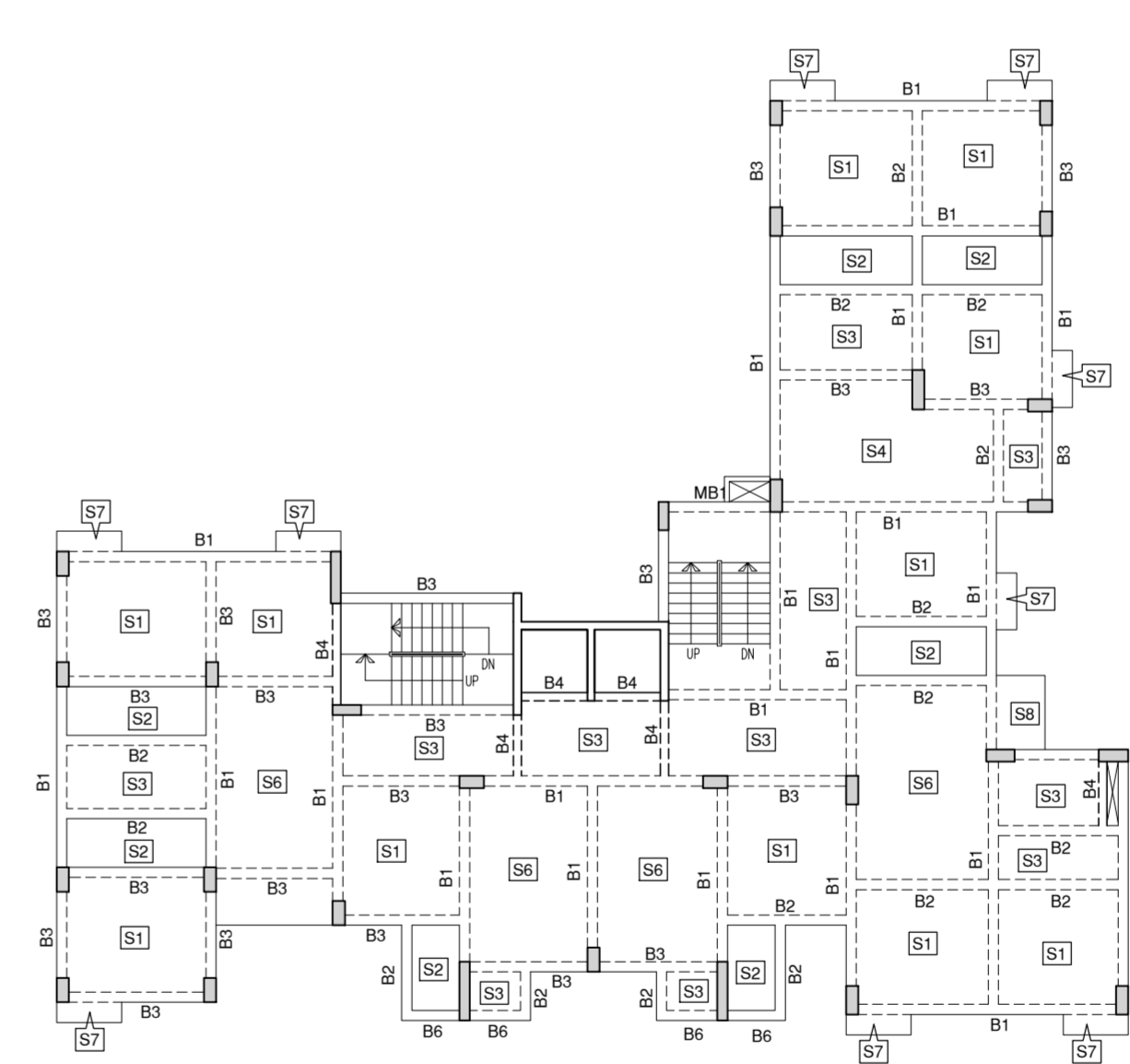
TOWER - 1
BLOCK-1
UPPER GROUND & 1ST FLOOR BEAM LAYOUT



TOWER - 1
BLOCK-1
TYPICAL (2ND TO 4TH) FLOOR BEAM LAYOUT



TOWER - 5
BLOCK - 3
TYPICAL(UPPER GROUND TO 7TH) FLOOR BEAM LAYOUT



TOWER - 6
BLOCK - 4
TYPICAL (UPPER GROUND TO 7TH) FLOOR BEAM LAYOUT

ALL FLOOR SLAB SCHEDULE
GRADE OF CONCRETE - M25

SLAB MKD.	DEPTH	REINF. AT SHORTER SPAN	REINF. AT LONGER SPAN
S1	125	8 @ 200C/C (TOP) 8 @ 200C/C (BOTTOM)	8 @ 200C/C (TOP) 8 @ 200C/C (BOTTOM)
S2	125	8 @ 200C/C (TOP) 8 @ 200C/C (BOTTOM)	8 @ 200C/C (TOP) 8 @ 200C/C (BOTTOM)
S3	125	8 @ 200C/C (TOP) 8 @ 200C/C (BOTTOM)	8 @ 200C/C (TOP) 8 @ 200C/C (BOTTOM)
S4	165	8 @ 125C/C (TOP) 10 @ 150C/C (BOTTOM)	8 @ 125C/C (TOP) 10 @ 150C/C (BOTTOM)
S5	125	8 @ 200C/C (TOP) 8 @ 200C/C (BOTTOM)	8 @ 200C/C (TOP) 8 @ 200C/C (BOTTOM)
S6	150	8 @ 150C/C (TOP) 8 @ 150C/C (BOTTOM)	8 @ 200C/C (TOP) 8 @ 200C/C (BOTTOM)
S7	125	8 @ 200C/C (TOP) 8 @ 200C/C (BOTTOM)	8 @ 200C/C (TOP) 8 @ 200C/C (BOTTOM)
S8	150	10 @ 150C/C (TOP) 8 @ 200C/C (BOTTOM)	8 @ 200C/C (TOP) 8 @ 200C/C (BOTTOM)
S9	150	8 @ 150C/C (TOP) 8 @ 150C/C (BOTTOM)	8 @ 150C/C (TOP) 8 @ 150C/C (BOTTOM)
S10	10	10 @ 150C/C (TOP) 10 @ 150C/C (BOTTOM)	10 @ 150C/C (TOP) 10 @ 150C/C (BOTTOM)

ALL FLOOR BEAM SCHEDULE
GRADE OF CONCRETE - M25

BEAM MKD	BEAM SIZE		REINF. AT SUPPORT		REINF. AT MID SPAN		STIRRUPS AT SUPPORT(0.3L)	STIRRUPS AT SPAN
	WIDE	DEPTH	TOP	BOTTOM	TOP	BOTTOM		
B1	250	500	6-120#	2-20#	3-120#	6-20#	2L-8@100C/C	2L-8@125C/C
B2	250	500	2-16#	2-16#+1-20#	2-16#	2-16#+1-20#	2L-8@100C/C	2L-8@100C/C
B3	250	500	3-20#	2-20#+1-16#	2-20#	2-20#+1-16#	2L-8@75C/C	2L-8@100C/C
B4	200	500	4-20#	2-20#	3-20#	2-20#	2L-8@75C/C	2L-8@75C/C
B5	250	500	2-20#	2-20#	2-20#	3-20#	2L-8@150C/C	2L-8@150C/C
B6	250	500	3-16#	2-16#	3-16#	2-16#	2L-8@100C/C	2L-8@100C/C
B7	250	500	6-20#	5-20#	6-20#	5-20#	2L-10@100C/C	2L-10@100C/C
B8	250	600	4-20#+2-25#	2-20#+1-25#	2-20#	5-20#+1-25#	2L-10@100C/C	2L-8@100C/C
B9	400	500	6-20#	4-20#	4-20#	4-20#	4L-8@100C/C	4L-8@150C/C
B10	400	500	6-20#	4-20#	4-20#	3-25#	4L-8@100C/C	4L-8@150C/C
B11	250	500	3-20#	2-20#	2-20#	5-20#	2L-8@100C/C	2L-8@100C/C
B12	250	500	2-16#+1-20#	2-16#	2-16#	2-16#	2L-8@100C/C	2L-8@150C/C
B13	200	500	2-16#+1-20#	2-16#+1-20#	2-16#+1-20#	2-16#+1-20#	2L-8@100C/C	2L-8@100C/C
MB1	250	500	3-20#	2-20#	2-20#	2-20#	2L-8@100C/C	2L-8@100C/C
MB2	250	600	2-16#+1-20#	2-16#	2-16#	2-16#	2L-8@100C/C	2L-8@125C/C

- 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 AS/SCHEDULE.
 - ALL MATERIALS SHALL CONFORM TO RELEVANT I.S. CODES.
 - FOR STEEL GRADE Fe 500 AS PER I.S. 1786-2008
 - 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. THE BEAM | 30 | 30 | 30 |
| d. FLOOR BEAM | 30 | 30 | 30 |
| e. FLOOR SLAB | 20 | 20 | 20 |
| e.PILE | - | - | 50 |
| f.PILECAP | 50 | 50 | 50 |

CERTIFICATE OF OWNER

I, I SHALL ENGAGE ARCHITECT AND E.S.E. DURING CONSTRUCTION. I SHALL FOLLOW THE INSTRUCTIONS OF ARCHITECT AND E.S.E. DURING CONSTRUCTION OF THE BUILDING. I, I SHALL NOT BE RESPONSIBLE FOR STRUCTURE STABILITY OF BUILDING AND ADJOINING STRUCTURE. I, I SHALL TAKE THE N.M.C. AUTHORITY MAY REMOVE THE SANCTION PLAN. I, I SHALL TAKE THE N.M.C. AUTHORITY MAY REMOVE THE SANCTION PLAN. I, I SHALL TAKE THE N.M.C. AUTHORITY MAY REMOVE THE SANCTION PLAN.

SIGNATURE OF OWNER
SANJAY AGARWAL
DESIGNATION DIRECTOR
ADDRESS:
SWAPNA MAHAL HOUSING PVT. LTD.
11, HOBBY LAL BURMAN ROAD,
SALKA, HOBBY - 711006.

CERTIFICATE OF GEO-TECHNICAL ENGINEER

IT IS CERTIFIED THAT THE COMPREHENSIVE GEO-TECHNICAL REPORT ON SOIL INVESTIGATION HAS BEEN PREPARED BY ME FOR DESIGN AND CALCULATION OF THE FOUNDATION BY ANALYZING THE SOIL SAMPLE FOR ESTIMATING THE BEARING CAPACITY OF THE SOIL ON WHICH FOUNDATION OF THE STRUCTURE WILL BE CONSTRUCTED.

I SHALL ALSO CHECK THE NATURE OF THE SOIL AFTER EXCAVATION AT SITE SO THAT FOUNDATION IS EXTENDED UP TO APPROPRIATE DEPTH THAT HAS BEEN PROPOSED IN THE GEO-TECHNICAL REPORT.

SIGNATURE OF GEO-TECHNICAL ENGINEER
ALOK ROY
EXAMINER NO-11/1
ADDRESS:
6A, MIAN PARK
P.O.-GARIA,
KOLKATA - 700084.

CERTIFICATE OF STRUCTURAL ENGINEER

I HAVE REVIEWED THE STRUCTURAL DESIGN AND DRAWINGS OF BOTH FOUNDATION & SUPER STRUCTURE OF THE BUILDING HAS BEEN MADE BY ME CONSIDERING ALL POSSIBLE LOADS INCLUDING THE SEISMIC LOAD AS PER THE NATIONAL BUILDING CODE OF INDIA & CERTIFIED THAT IT IS SAFE & STABLE IN ALL RESPECTS.

THE REPORT OF SOIL TEST DONE BY ALOK ROY HAS BEEN CONSIDERED DURING STRUCTURAL DESIGN CALCULATION.

SIGN. OF STRUCTURAL ENGINEER
SANJIV J. PAREKH,
E.S.E. I (104),
ADDRESS:
34 RAMMOHAN DUTTA ROAD,
KOLKATA - 700020.

CERTIFICATE OF STRUCTURAL REVIEWER

I HAVE REVIEWED THE STRUCTURAL DESIGN AND CALCULATION MADE BY STRUCTURAL ENGINEERS IS CERTIFIED THAT THE STRUCTURAL DESIGN AND CALCULATION HAVE BEEN MADE AS PER NORMS AND STRUCTURE IS SAFE AND STABLE IN ALL RESPECT.

SANJIV GUHA,
E.S.R. I (88),
ADDRESS:
34 RAMMOHAN DUTTA ROAD,
KOLKATA-20.

CERTIFICATE OF ARCHITECT

I CERTIFY THAT ALL THE ARCHITECTURAL DRAWINGS OF THE PROJECT AT MOUZA-SONAMUKHI, MODIFIED KHATAN NO- 443 & 444, R.S. KHATAN NO- 477 & 478 R.S. PLOT NO-7,8,10,12 & MOUZA-TALJULI L.R. DAG NO-5,6,11/16,11/17, HAVE BEEN PREPARED BY ME & I CERTIFY THAT THE PLANS AND DRAWINGS COMPLYING WITH ALL THE PROVISIONS REGARDING THE FIRE PROTECTION AS PER THE WEST BENGAL MUNICIPALITY BUILDING RULES 2007 & AMENDMENT 2016. I SHALL BE HELD RESPONSIBLE IF ANY INCORRECT INFORMATION IS FURNISHED BY ME OR ANY VIOLATION OF PROVISIONS OF THESE RULES OR THE PREVALENT NATIONAL BUILDING CODE IS FOUND IN ANY OF THE DRAWINGS AND DOCUMENTS, SIGNED BY ME AND SUBMITTED TO THE SANCTIONING AUTHORITY FOR OBTAINING SANCTION.

SIGNATURE OF ARCHITECT
RAJ KUMAR AGARWAL,
COUNCIL REGISTRATION NO. CA/94/17940
ADDRESS:
RAJ AGRAWAL & ASSOCIATES
8B, ROYD STREET (2ND FLOOR), KOLKATA-16.

PROJECT

PROPOSED LOWER GR.-UPPER GR.-VII STORED (24.4 M.) NOS. BLOCK-2,3,4) & LOWER GR.-UPPER GR.-IV STORED (19.90 M.) (ONE BLOCK-1) RESIDENTIAL BUILDING AT MOUZA- SONAMUKHI MODIFIED KHATAN NO-443 & 444 R.S. KHATAN NO- 477 & 478 R.S. PLOT NO-7,8,10,12 & TALJULI MOUZA, L.R. DAG NO-5,6, 11/16, 11/17.

TITLE
STRUCTURAL CORPORATION DRAWING
ALL FLOOR BEAM LAYOUT ,
BEAM & SLAB SCHEDULE

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

STRUCTURAL ENGINEERS
S.P.A. CONSULTANTS
34, RAM MOHAN DUTTA ROAD
KOLKATA - 700020, PH. NO. 2465-5448, 2465-5449
E-MAIL: spa_consultants@yahoo.co.in

DRAWN BY: Nibha
CHECKED BY: Rajag
DATE: 14.03.2022
SCALE: 1:100,25

JOB NO.: 2022/47
RAJ.AG. SPA HAWRUPUR
DRG. NO.: 2022/47/RAJAG/SPAHAWRUPUR/CS-03