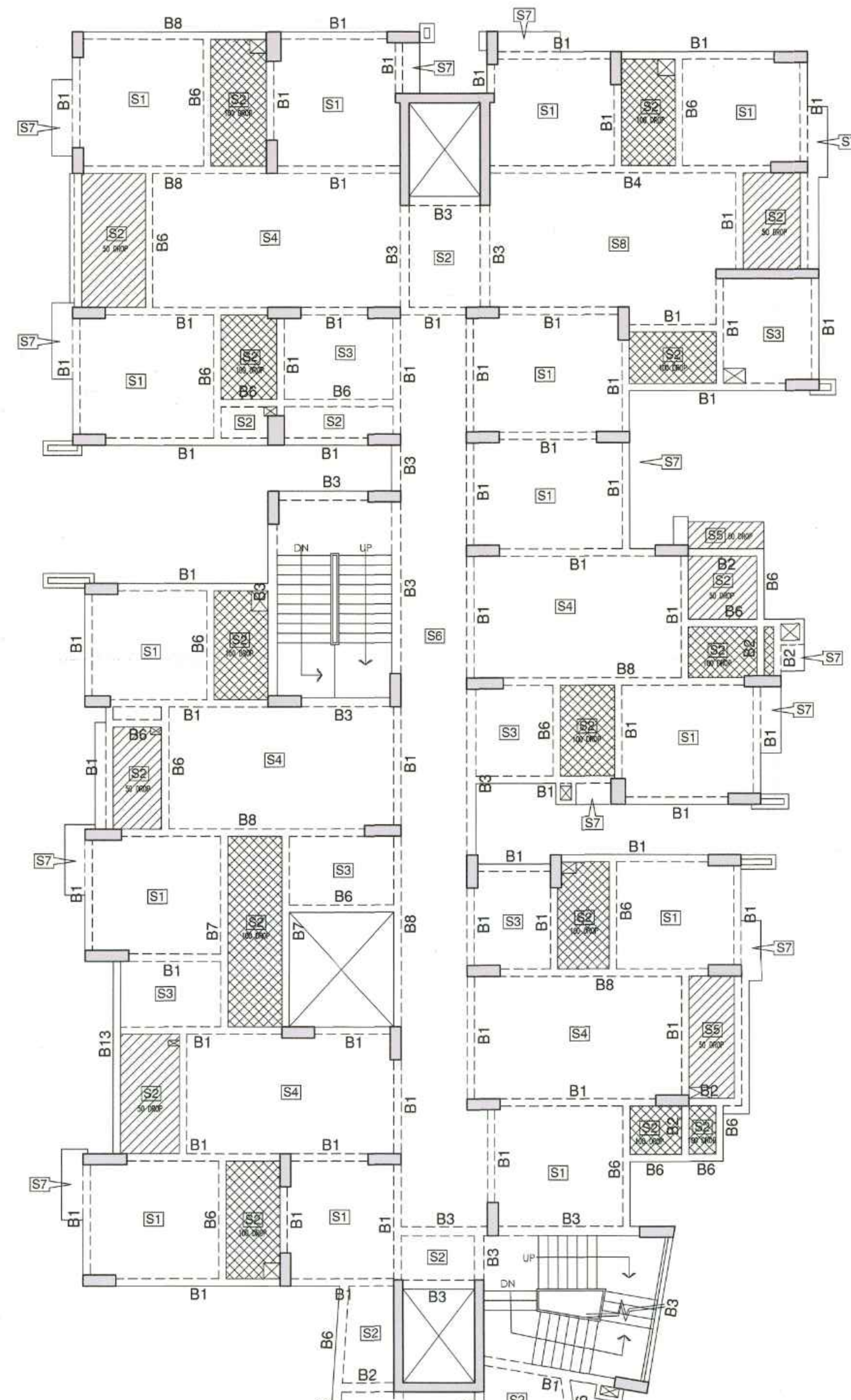
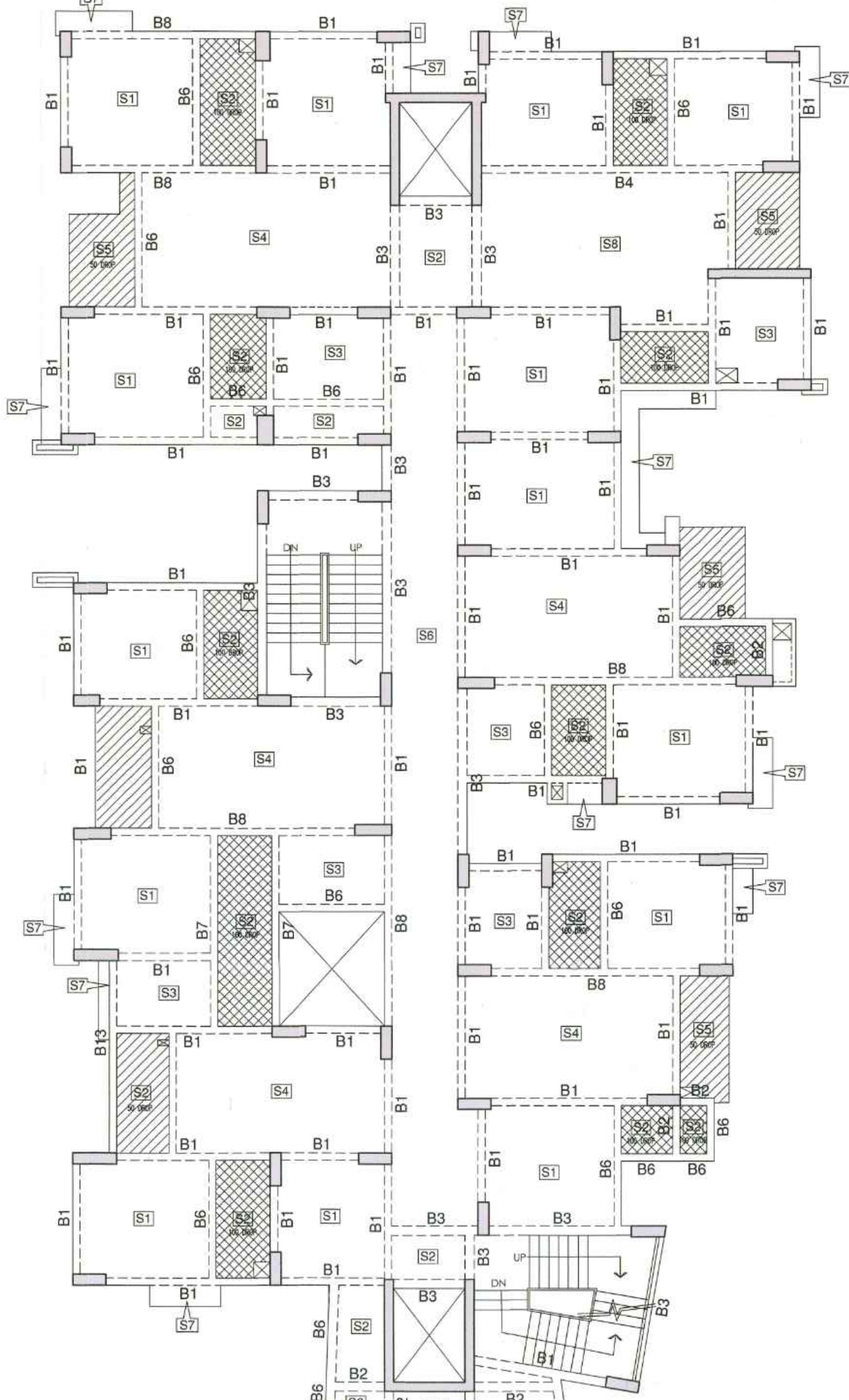


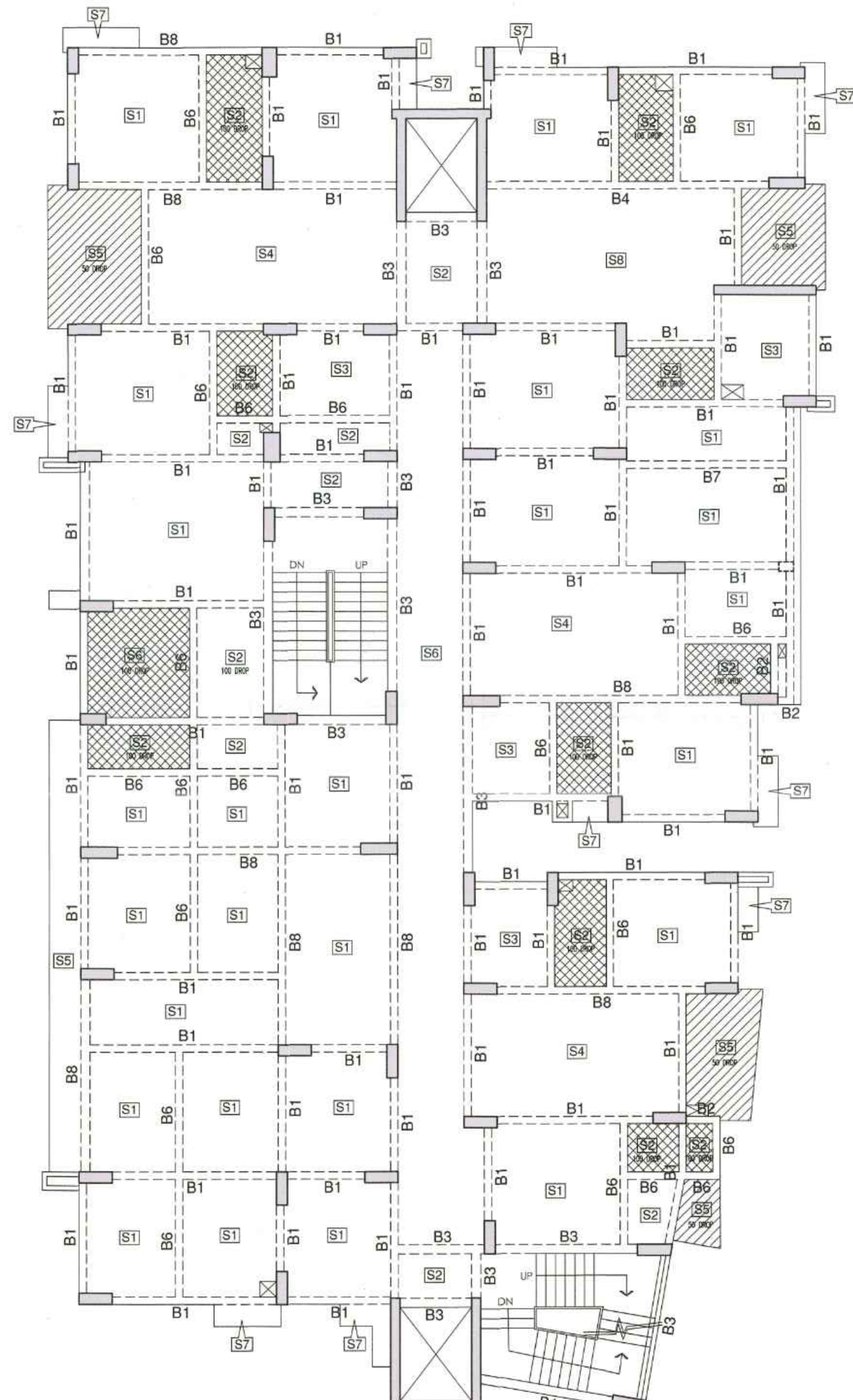
CLUSTER - 3  
4TH & 11TH FLOOR BEAM LAYOUT



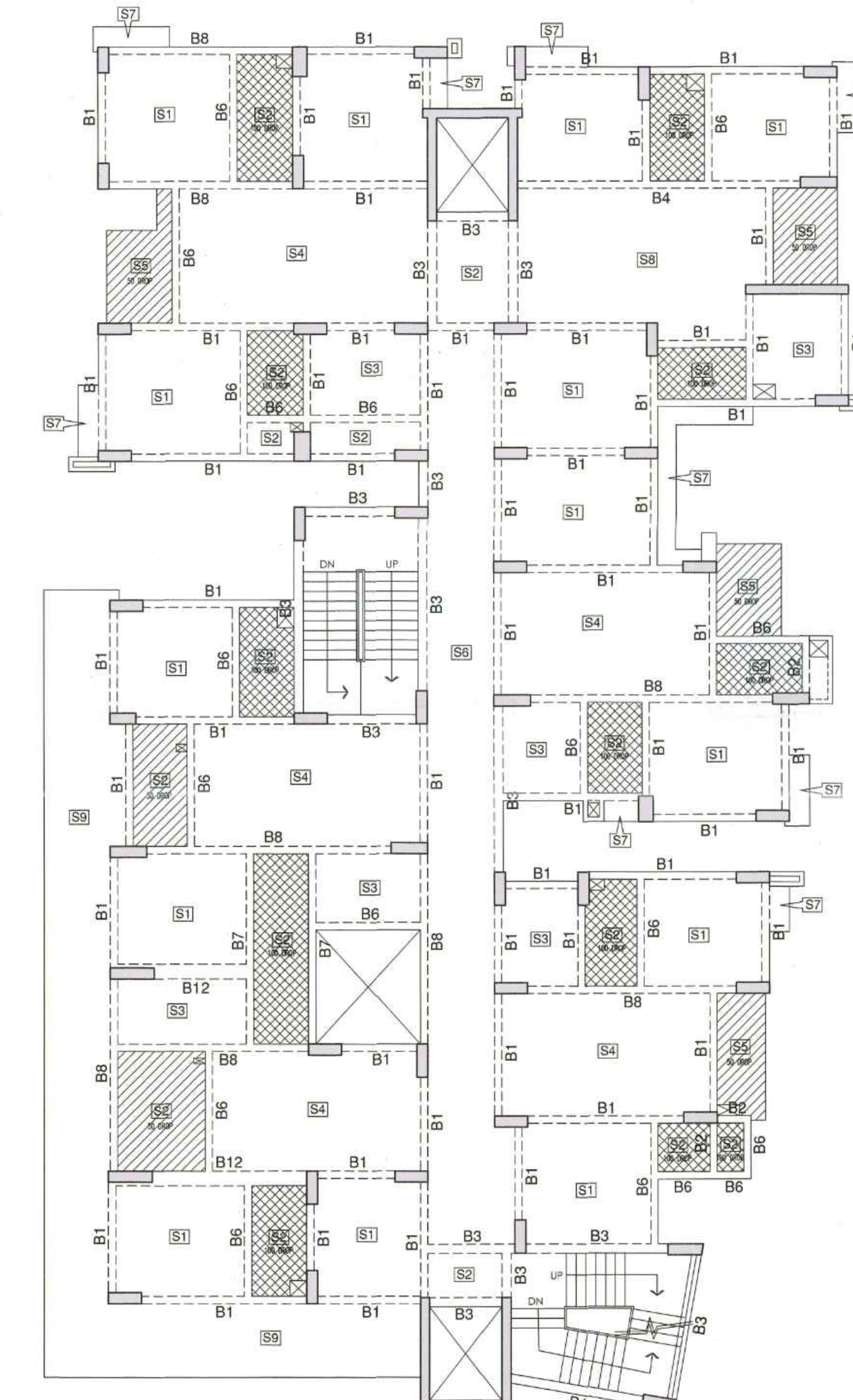
CLUSTER - 3  
7TH FLOOR BEAM LAYOUT



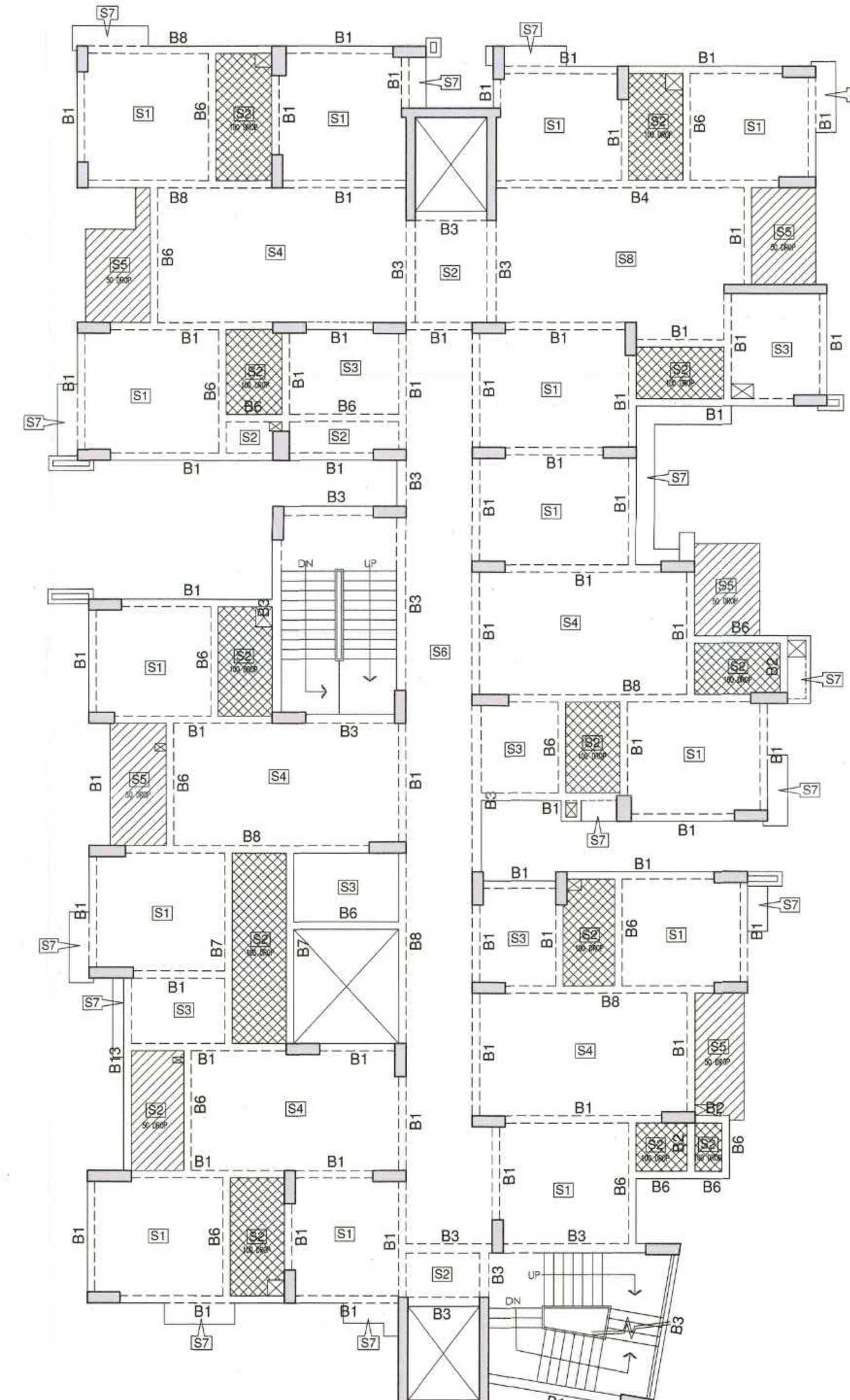
CLUSTER - 3  
8TH FLOOR BEAM LAYOUT



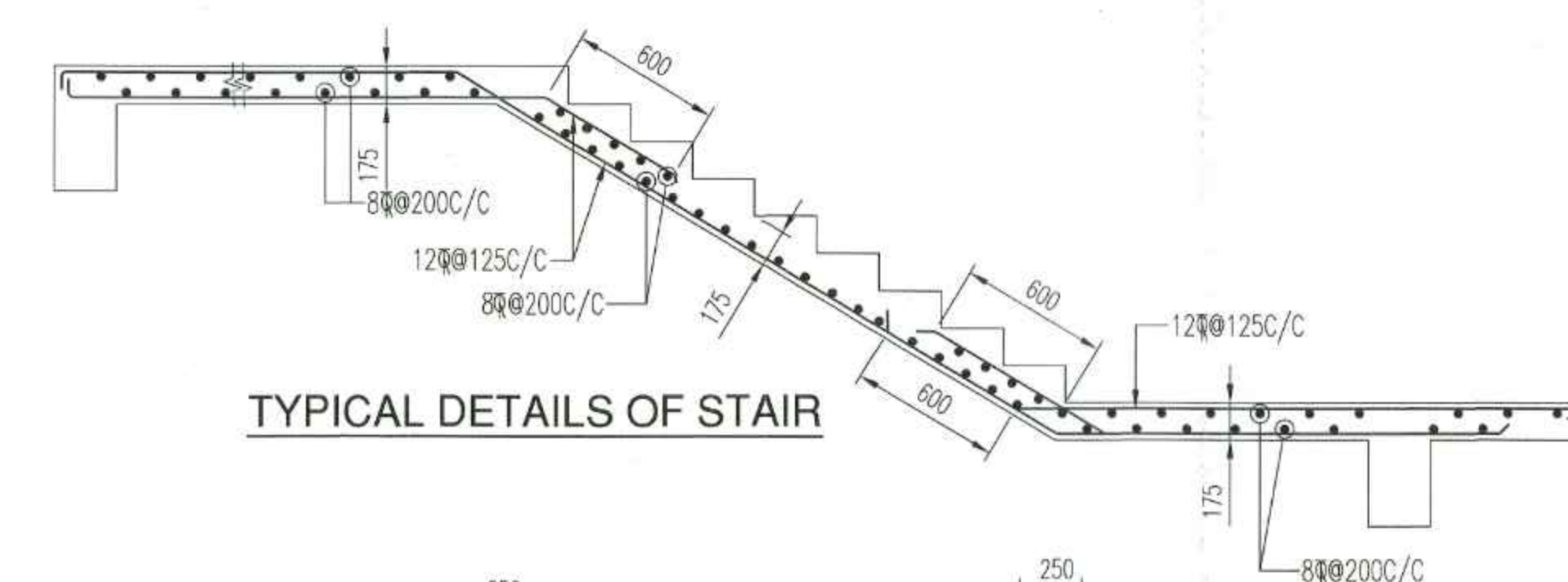
CLUSTER - 3  
1ST FLOOR BEAM LAYOUT



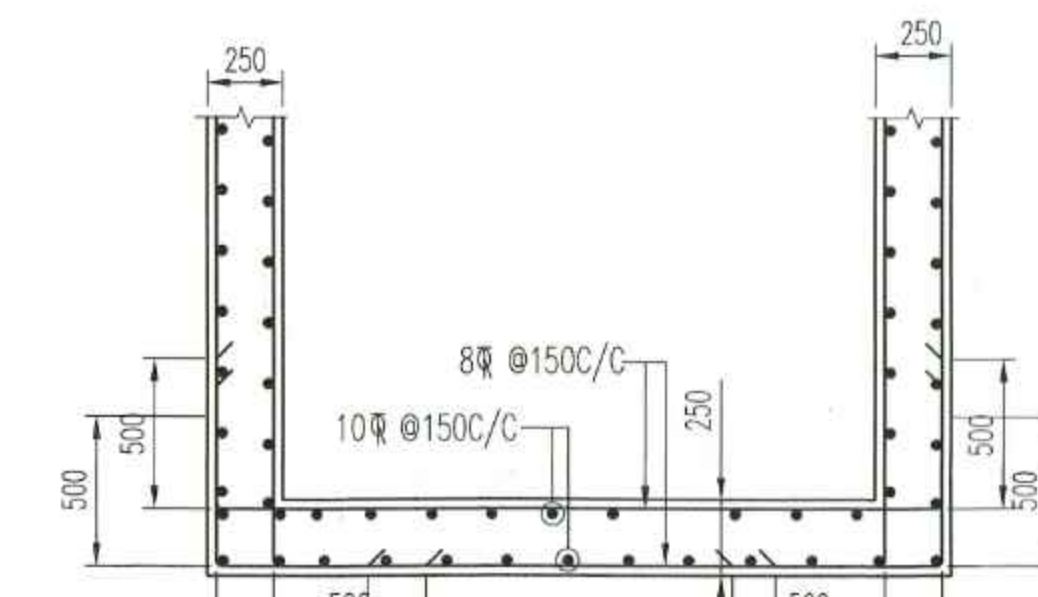
CLUSTER - 3  
2ND FLOOR BEAM LAYOUT



CLUSTER - 3  
3RD, 5TH, 6TH, 9TH & 10TH FLOOR BEAM LAYOUT



TYPICAL DETAILS OF STAIR



TYPICAL DETAILS OF LIFT WALL

1ST TO 11TH FLOOR BEAM SCHEDULE

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	200	500	4-20R	2-20R+1-16R	2-20R	2-20R+1-16R	2L-8R @100C/C	2L-8R @100C/C
B2	200	500	5-16R	2-16R+1-12R	5-16R	2-16R+1-12R	2L-8R @100C/C	2L-8R @100C/C
B3	250	500	3-20R+2-16R	2-20R+1-20R	2-20R	2-20R	2L-8R @100C/C	2L-8R @150C/C
B4	200	600	5-20R	2-20R+1-20R	2-20R	2-20R+1-20R	2L-10R @100C/C	2L-10R @100C/C
B5	450	350 TO 400	2-16R+2-20R	4-16R	2-16R+2-20R	4-16R	4L-8R @100C/C	4L-8R @150C/C
B6	200	500	2-16R	2-16R+1-12R	2-16R	2-16R+1-12R	2L-8R @150C/C	2L-8R @150C/C
B7	200	500	2-20R	3-20R	2-20R	3-20R+2-20R	2L-8R @150C/C	2L-8R @150C/C
B8	200	500	5-20R	2-20R+1-20R	2-20R	2-20R+1-20R	2L-8R @100C/C	2L-8R @100C/C
B9	200	750	4-20R	2-20R+1-16R	2-20R	2-20R	2L-8R @75C/C	2L-8R @100C/C
B10	200	650	2-120R	2-20R	2-20R	2-20R	2L-8R @100C/C	2L-8R @100C/C
B11	200	500	2-25R+2-20R	2-20R	2-25R+2-20R	2-20R	2L-8R @100C/C	2L-8R @100C/C
B12	400	600	4-25R+4-25R	4-25R+4-20R	4-25R+4-25R	4-25R+4-20R	4L-12R @100C/C	4L-12R @100C/C
B13	200	400	2-25R+2-20R	2-20R	2-25R+2-20R	2-20R	2L-8R @100C/C	2L-8R @100C/C

1ST TO 11TH FLOOR SLAB SCHEDULE

SLAB MKD.	DEPTH	REINF. AT SHORTER SPAN		REINF. AT LONGER SPAN	
		TOP	BOTTOM	TOP	BOTTOM
S1	125	8R @150C/C (TOP) 8R @150C/C (BOTTOM)	8R @150C/C (TOP) 8R @150C/C (BOTTOM)	8R @150C/C (TOP) 8R @150C/C (BOTTOM)	8R @150C/C (TOP) 8R @150C/C (BOTTOM)
S2	125	8R @200C/C (TOP) 8R @200C/C (BOTTOM)	8R @200C/C (TOP) 8R @200C/C (BOTTOM)	8R @200C/C (TOP) 8R @200C/C (BOTTOM)	8R @200C/C (TOP) 8R @200C/C (BOTTOM)
S3	125	8R @150C/C (TOP) 8R @150C/C (BOTTOM)	8R @150C/C (TOP) 8R @200C/C (BOTTOM)	8R @200C/C (TOP) 8R @200C/C (BOTTOM)	8R @200C/C (TOP) 8R @200C/C (BOTTOM)
S4	175	10R @150C/C (TOP) 10R @150C/C (BOTTOM)	10R @150C/C (TOP) 10R @200C/C (BOTTOM)	10R @200C/C (TOP) 10R @200C/C (BOTTOM)	10R @200C/C (TOP) 10R @200C/C (BOTTOM)
S5	200	8R @150C/C (TOP) 8R @150C/C (BOTTOM)	8R @150C/C (TOP) 8R @150C/C (BOTTOM)	8R @150C/C (TOP) 8R @150C/C (BOTTOM)	8R @150C/C (TOP) 8R @150C/C (BOTTOM)
S6	150	8R @150C/C (TOP) 8R @150C/C (BOTTOM)	8R @200C/C (TOP) 8R @200C/C (BOTTOM)	8R @200C/C (TOP) 8R @200C/C (BOTTOM)	8R @200C/C (TOP) 8R @200C/C (BOTTOM)
S7	125	10R @125C/C (TOP) 8R @150C/C (BOTTOM)	10R @150C/C (TOP) 10R @150C/C (BOTTOM)	10R @150C/C (TOP) 10R @150C/C (BOTTOM)	10R @150C/C (TOP) 10R @150C/C (BOTTOM)
S8	200	10R @100C/C (TOP) 10R @125C/C (BOTTOM)	10R @100C/C (TOP) 10R @150C/C (BOTTOM)	10R @150C/C (TOP) 10R @150C/C (BOTTOM)	10R @150C/C (TOP) 10R @150C/C (BOTTOM)
S9	225	10R @100C/C (TOP) 8R @150C/C (BOTTOM)	10R @100C/C (TOP) 8R @150C/C (BOTTOM)	10R @150C/C (TOP) 8R @150C/C (BOTTOM)	10R @150C/C (TOP) 8R @150C/C (BOTTOM)

- NOTES:**
1. ALL DIMENSIONS ARE IN MM. UNLESS OTHERWISE MENTIONED.
  2. SUPER STRUCTURE : ALL SUPER STRUCTURE BRICK WORK SHALL BE OF AAC BLOCKS .
  3. ALL GRADE OF CONCRETE M25.
  4. ALL MATERIALS SHALL CONFORM TO RELEVANT I.S. CODES.
  5. FOR STEEL GRADE Fe 500 AS PER I.S 1786-2008.
  6. LAPS, SPLICES & BOND LENGTH SHOULD BE 50 D WHERE 'D' IS THE SMALLEST BAR DIA.
  7. FOUNDATION & PLINTH : BRICKWORK IN FOUNDATION & PLINTH SHALL BE OF 1ST CLASS BRICK IN 1:6 CEMENT MORTAR.
  8. 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             | 25  | 25     | 25   |
| f. PILE                   | -   | -      | 50   |
| f. PILECAP                | 50  | 75     | 50   |
9. THIS DRAWING IS THE PROPERTY OF M/S S.P.A CONSULTANT AND CANNOT BE COPIED OR USED WITHOUT THEIR WRITTEN PERMISSION.

**LAND SCHEDULE**

L.R. PLOT NO - 134,138,148,149  
L.R. KHATIAN NO - 2235, 2244, 2246, 2253, 2882, 2983, 2984, 1562, 2238, 2944, 2947, 2955  
J.L. NO - 112  
MOUZA - NITYANANDAPUR  
P.S. - MALDA  
DIST. - MALDA

**DECLARATION OF THE OWNER'S:**

DECLARED THAT I/WE SHALL NOT ALTER OR MAKE ANY ADDITION TO THIS PLAN DECLARED THAT I HAVE GONE THROUGH THE RULES AND REGULATIONS FOR RELEVANT AUTHORITY AND ALSO UNDERTAKE TO ABIDE BY THESE RULES AND REGULATIONS DURING AND AFTER THE CONSTRUCTION OF BUILDING. I MAY APPOINT A L.B./OR TECHNICAL PERSON FOR THE SUPERVISION OF CONSTRUCTION.

1. Sanjay Chitlangia  
2. Suman Chitlangia  
3. Sunay Chitlangia  
4. Milisaha  
5. Anshu Saha  
6. Arun Saha  
7. Arunendra Narayan Choudhury  
8. Arunendra Narayan Choudhury

SIGN OF THE OWNER'S

**DECLARATION OF THE L.B.A.:**

CERTIFIED THAT THE PLAN HAVE BEEN DESIGNED & DRAWN UP STRICTLY ACCORDING TO THE NATIONAL BUILDING CODE (N.B.C.) 2016 & RELEVANT AUTHORITY.

Arup Ghosh  
ARUP GHOSH  
Architect  
Reg. No. CA200127427

SIGN OF THE L.B.A.

**CERTIFICATE OF STRUCTURAL STABILITY**

I/WE HEREBY CERTIFY THAT THE FOUNDATION AND SUPERSTRUCTURE OF THE BUILDING PROPOSED FOR CONSTRUCTION ON PLOT MENTIONED ABOVE UNDER THE JURISDICTION OF S.M.C./NOTIFIED AREA AUTHORITY INDUSTRIAL TOWNSHIP AUTHORITY WILL BE PERSONALLY INSPECTED AND SO DESIGNED BY M/S S.P.A. CONSULTANT AND WE WILL ENSURE THAT THE CONCERNED FOUNDATION AND SUPER STRUCTURE IS SAFE IN ALL RESPECT INCLUDING CONSIDERATION OF BEARING CAPACITY AND SETTLEMENT OF SOIL AND OTHER CONDITIONS, IF ANY CONFORMING TO ALL STIPULATIONS OF ALL RELEVANT IS CODE OF PRACTICE AND NATIONAL BUILDING CODE.

Sanjay J. Parikh  
M.E. (STRUCT), M.E. (CONSTRG)  
R.C.E. (1981-81920-9)  
E.S.E. No. 18 (I) I.M.C.

SIGN OF STRUCTURAL ENGINEER

Sanjay Chitlangia  
BSC, BICE, FIE (P-116054-5)  
REGISTERED CIVIL ENGINEER  
ENLISTED IN STRUCTURAL  
REVENUE DEPARTMENT

SIGN OF STRUCTURAL REVIEWER

**CERTIFICATE OF GEOTECH ENGINEER**

UNDERSIGNED HAS INSPECTED THE SITE AND CARRIED OUT THE 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.

Alok Roy  
Empanelled Geotechnical Engineer  
Kolkata Municipal Corporation  
Class, No. G.7811  
6A, Milan Park  
Kolkata-700 014

SIGN OF GEOTECH ENGINEER

Principal Architect:  
Studio 4th Dimension  
Flat-20, DDA Flats, Pocket-8, Sector-12,  
Dwarka, New Delhi-110075  
Ph: +91-11-49534671, Mob: +91-9810324162

**OWNERS:**

1. MR. SANJAY CHITLANGIA
2. MRS. SUMAN CHITLANGIA
3. MR. SUNAY CHITLANGIA
4. MRS. MILI SAHA
5. MRS. SONALI SAHA
6. MR. ARUN Saha
7. MR. KRISHNENDU NARAYAN CHOUDHURY
8. MR. ARUNENDRA NARAYAN CHOUDHURY
9. MR. ARUNENDRA NARAYAN CHOUDHURY

**PROJECT TITLE:**

PROPOSED BASEMENT + GR./STILT + 11 STORIED RESIDENTIAL BUILDING NEAR SETU MORE, MOUZA - NITYANANDAPUR  
DIST: MALDA, WEST BENGAL

**TITLE**  
STRUCTURAL CORPORATION DRAWING  
FLOOR BEAM LAYOUT & SCHEDULE

STRUCTURAL ENGINEERS  
**S.P.A. CONSULTANTS**  
34, RAM MOHAN DUTTA ROAD  
KOLKATA - 700002, TEL: NO-2485-5448, 2485-5449,  
E-MAIL: spacons@gmail.com

DRAWN BY - Bidhu Surajit  
CHECKED BY - Nilabja  
DATE - 01.08.2024  
SCALE - 1:100, 25

JOB NO. - 2024 / 62  
JOB NO. - 2024 / 62  
JOB NO. - 2024 / 62

DRG. NO. - 2024/62/ARHIT GHOSH/SP/MALDA/SETU MORE/CS-03