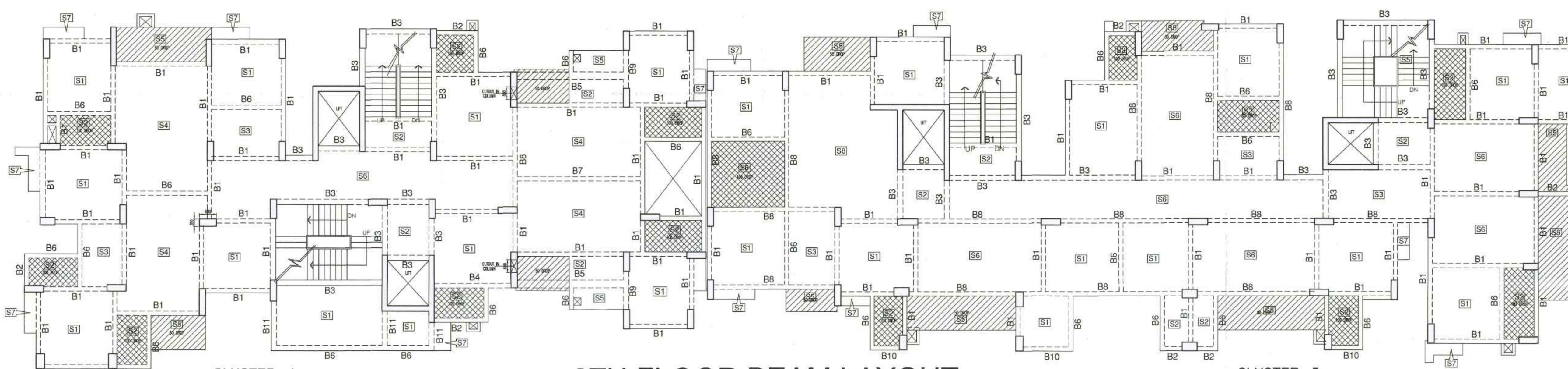
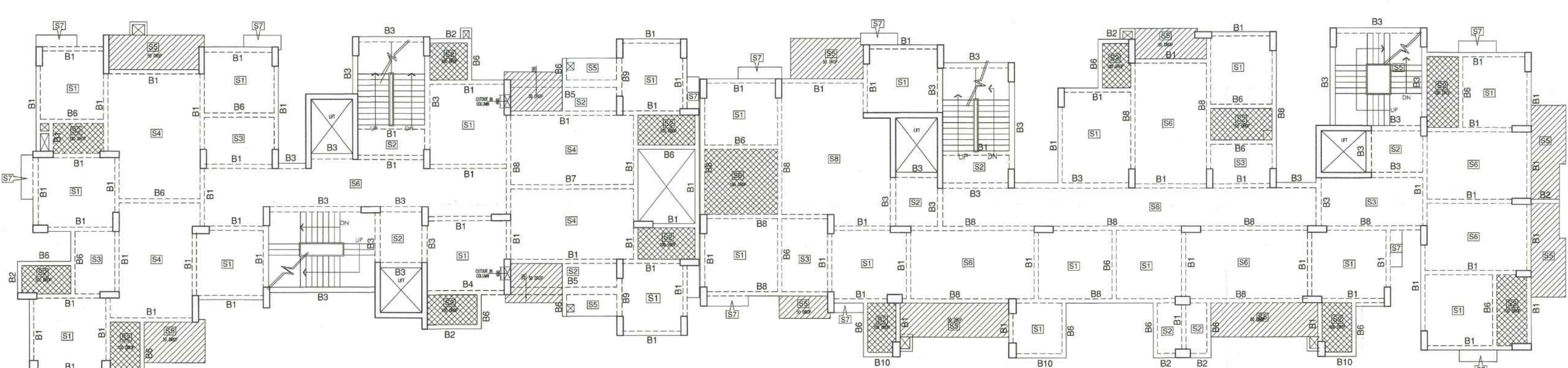


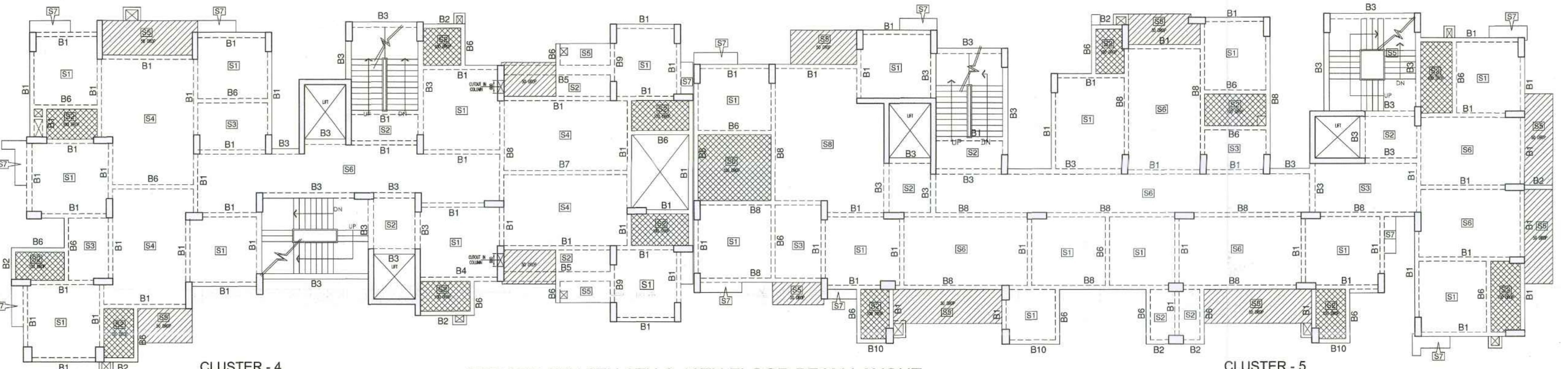
9TH FLOOR BEAM LAYOUT



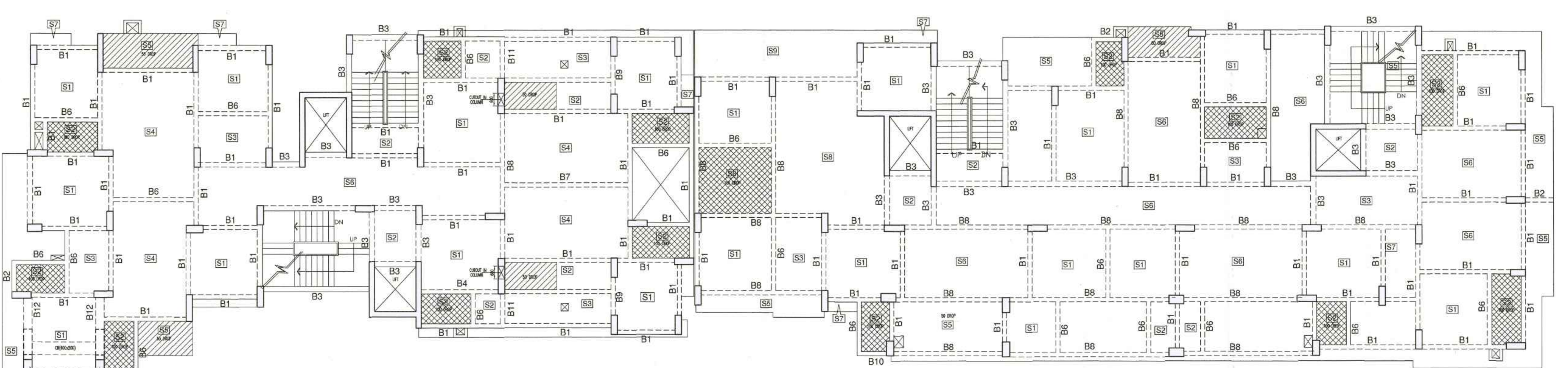
8TH FLOOR BEAM LAYOUT



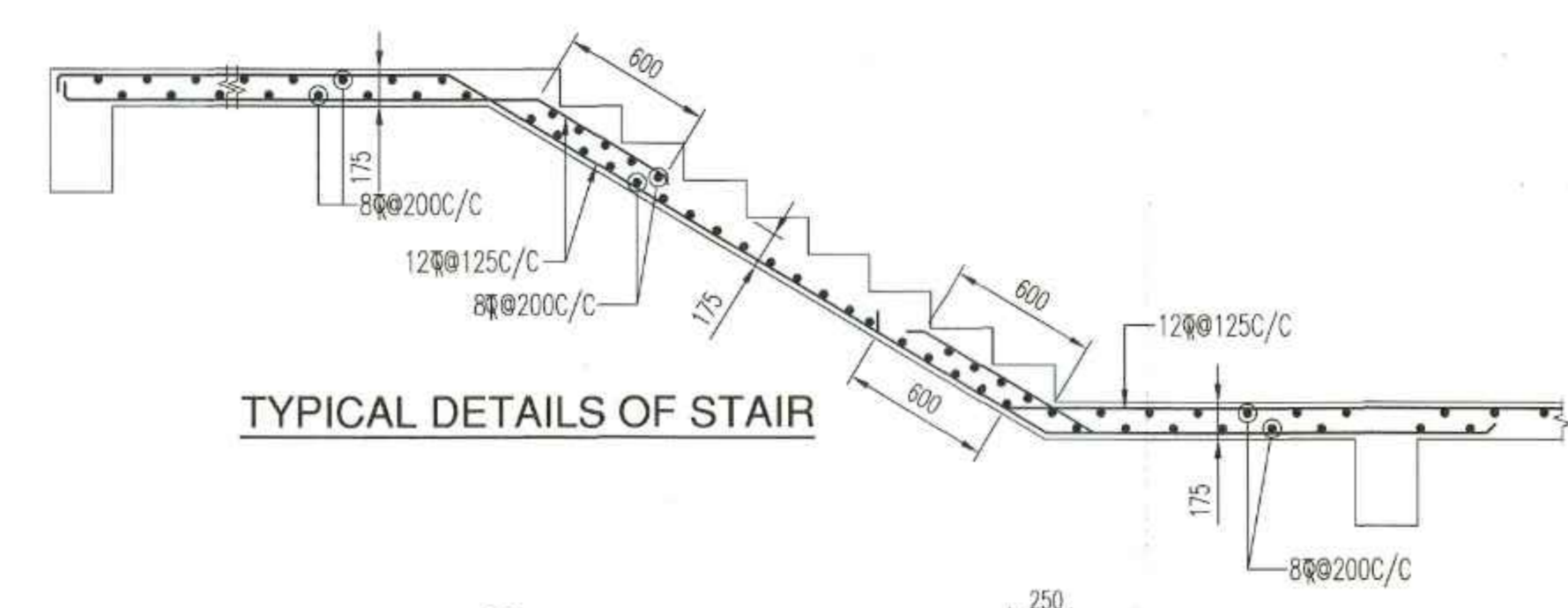
4TH, 7TH & 11TH FLOOR BEAM LAYOUT



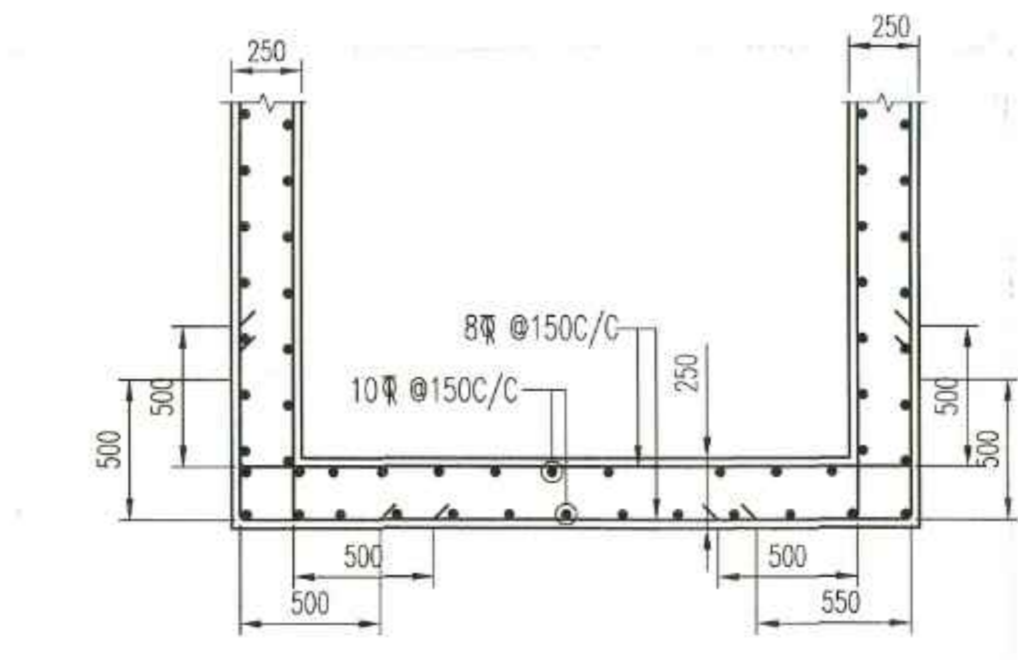
2ND, 3RD, 5TH, 6TH, 8TH & 10TH FLOOR BEAM LAYOUT



1ST FLOOR BEAM LAYOUT



TYPICAL DETAILS OF STAIR



TYPICAL DETAILS OF LIFT WALL

1ST TO 11TH FLOOR BEAM SCHEDULE
GRADE OF CONCRETE - M25

BEAM MKD	BEAM SIZE		REINF. AT SUPPORT		REINF. AT MID SPAN		STIRRUPS	
	WIDE	DEPTH	TOP	BOTTOM	TOP	BOTTOM	AT SUPPORT(0.3L)	AT SPAN
B1	200	500	4-20#	2-20#+1-16#	2-20#	2-20#+1-16#	2L-8# @100C/C	2L-8# @100C/C
B2	200	500	5-16#	2-16#+1-12#	5-16#	2-16#+1-12#	2L-8# @100C/C	2L-8# @100C/C
B3	250	500	3-20#+2-16#	2-20#+1-20#	2-20#	2-20#	2L-8# @100C/C	2L-8# @100C/C
B4	200	600	5-20#	2-20#+1-20#	2-20#	2-20#+1-20#	2L-10# @100C/C	2L-10# @100C/C
B5	450	350 TO 400	2-16#+2-20#	4-16#	2-16#+2-20#	4-16#	4L-8# @100C/C	4L-8# @100C/C
B6	200	500	2-16#	2-16#+1-12#	2-16#	2-16#+1-12#	2L-8# @150C/C	2L-8# @150C/C
B7	200	500	2-20#	3-20#	2-20#	3-20#+2-20#	2L-8# @150C/C	2L-8# @150C/C
B8	200	500	5-20#	2-20#+1-20#	2-20#	2-20#+1-20#	2L-8# @100C/C	2L-8# @100C/C
B9	200	750	4-20#	2-20#+1-16#	2-20#	2-20#	2L-8# @75C/C	2L-8# @100C/C
B10	200	650	2-12#	2-20#	2-20#	2-20#	2L-8# @100C/C	2L-8# @100C/C
B11	200	500	2-25#+2-20#	2-20#	2-25#+2-20#	2-20#	2L-8# @100C/C	2L-8# @100C/C
B12	400	600	4-25#+4-25#	4-25#+4-20#	4-25#+4-25#	4-25#+4-20#	4L-12# @100C/C	4L-12# @100C/C

1ST TO 11TH FLOOR SLAB SCHEDULE
GRADE OF CONCRETE - M25

SLAB MKD.	DEPTH	REINF. AT SHORTER SPAN		REINF. AT LONGER SPAN	
		TOP	BOTTOM	TOP	BOTTOM
S1	125	8# @150C/C (TOP) 8# @150C/C (BOTTOM)	8# @150C/C (TOP) 8# @150C/C (BOTTOM)	8# @150C/C (TOP) 8# @150C/C (BOTTOM)	8# @150C/C (TOP) 8# @150C/C (BOTTOM)
S2	125	8# @200C/C (TOP) 8# @200C/C (BOTTOM)	8# @200C/C (TOP) 8# @200C/C (BOTTOM)	8# @200C/C (TOP) 8# @200C/C (BOTTOM)	8# @200C/C (TOP) 8# @200C/C (BOTTOM)
S3	125	8# @150C/C (TOP) 8# @150C/C (BOTTOM)	8# @200C/C (TOP) 8# @200C/C (BOTTOM)	8# @200C/C (TOP) 8# @200C/C (BOTTOM)	8# @200C/C (TOP) 8# @200C/C (BOTTOM)
S4	175	10# @150C/C (TOP) 10# @150C/C (BOTTOM)	10# @200C/C (TOP) 10# @200C/C (BOTTOM)	10# @150C/C (TOP) 10# @200C/C (BOTTOM)	10# @200C/C (TOP) 10# @200C/C (BOTTOM)
S5	200	10# @100C/C (TOP) 8# @150C/C (BOTTOM)	8# @150C/C (TOP) 8# @150C/C (BOTTOM)	8# @150C/C (TOP) 8# @150C/C (BOTTOM)	8# @150C/C (TOP) 8# @150C/C (BOTTOM)
S6	150	8# @150C/C (TOP) 8# @150C/C (BOTTOM)	8# @200C/C (TOP) 8# @200C/C (BOTTOM)	8# @200C/C (TOP) 8# @200C/C (BOTTOM)	8# @200C/C (TOP) 8# @200C/C (BOTTOM)
S7	125	8# @150C/C (TOP) 8# @150C/C (BOTTOM)	8# @200C/C (TOP) 8# @200C/C (BOTTOM)	8# @200C/C (TOP) 8# @200C/C (BOTTOM)	8# @200C/C (TOP) 8# @200C/C (BOTTOM)
S8	200	10# @125C/C (TOP) 10# @125C/C (BOTTOM)	10# @150C/C (TOP) 10# @150C/C (BOTTOM)	10# @150C/C (TOP) 10# @150C/C (BOTTOM)	10# @150C/C (TOP) 10# @150C/C (BOTTOM)
S9	225	10# @100C/C (TOP) 8# @150C/C (BOTTOM)	8# @150C/C (TOP) 8# @150C/C (BOTTOM)	8# @150C/C (TOP) 8# @150C/C (BOTTOM)	8# @150C/C (TOP) 8# @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 IS CODES.
 5. FOR STEEL GRADE Fe 500 AS PER IS 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. KHATAN NO : 2235, 2244, 2246, 2253, 2282, 2283, 2284, 1562, 2238, 2244, 2247, 2255
J.L NO : 112
MOLZA : 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.A OR TECHNICAL PERSON FOR THE SUPERVISION OF CONSTRUCTION.

Suman Chitlangia
Sunny Chitlangia
Milisaha
Sonalika Saha
Dr. Bipesh Majumdar
Ajay K. Choudhury
Ananda Kumar Choudhury

SIGN. OF THE OWNER'S

DECLARATION OF THE L.B.A:

CERTIFIED THAT THE PLAN HAS BEEN DESIGNED & DRAWN UP STRICTLY ACCORDING TO THE NATIONAL BUILDING CODE (NBC), 2016 & RELEVANT AUTHORITY.

Amit Ghosh
Architect
Reg. No. CA/2001/27427

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 SAJALDIPUR AREA AUTHORITY INDUSTRIAL TOWNSHIP AUTHORITY WILL BE PERSONALLY INSPECTED AND SO DESIGNED BY ME/US & WE WILL ENSURE THAT THE CONCERNED FOUNDATION AND SUPERSTRUCTURE IS SAFE IN ALL RESPECT INCLUDING CONSIDERATION OF BEARING CAPACITY AND SETTLEMENT OF SOIL AND OTHER CONDITIONS, IF ANY CONFORMING TO ALL NATIONALS OF ALL RELEVANT CODE OF PRACTICE AND NATIONAL BUILDING CODE.

SANJIV J. PAREKH
M.E. (STRUCTURE & CONSTRUCTION)
DIPLOMA IN CIVIL ENGINEERING
E.S.E. No. 104 (I) K.M.C.

SIGN. OF STRUCTURAL ENGINEER

SANJIB GUHA
B.Sc. (CE), P.E. (115564-S)
CHARTERED ENGINEER &
REGISTERED STRUCTURAL
ENGINEER (R.S.E.) K.M.C.

SIGN. OF STRUCTURAL REVIEWER

CERTIFICATE OF GEOTECH ENGINEER

UNDERGONE 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
Empowered Geotechnical Engineer
Kolkata Municipal Corporation
Class-4, No-6, 170/71
6A, Main Park
Kolkata-700 084

SIGN. OF GEOTECH ENGINEER

VETTED

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3. MR. SUNNY CHITLANGIA
4. MRS. MILI SAHA
5. MRS. SONALI SAHA
6. MR. ADITYA SARDIA
7. MR. ARUNENDRA NARAYAN CHOUDHURY
8. MR. BIBHENDRA NARAYAN CHOUDHURY
9. MR. ARUNENDRA NARAYAN CHOUDHURY

PROJECT TITLE:
PROPOSED BASEMENT + GR./STILT + 11 STORED
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 - 700020, PH. NO. 2485-5448, 2485-5449.
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DATE: 01.08.2024
JOB NO: 2024_42
SCALE: 1:100, 25

DRG. NO: 2024/ARJIT GHOSH/SP/MALDA/SETU MORE/CS-04