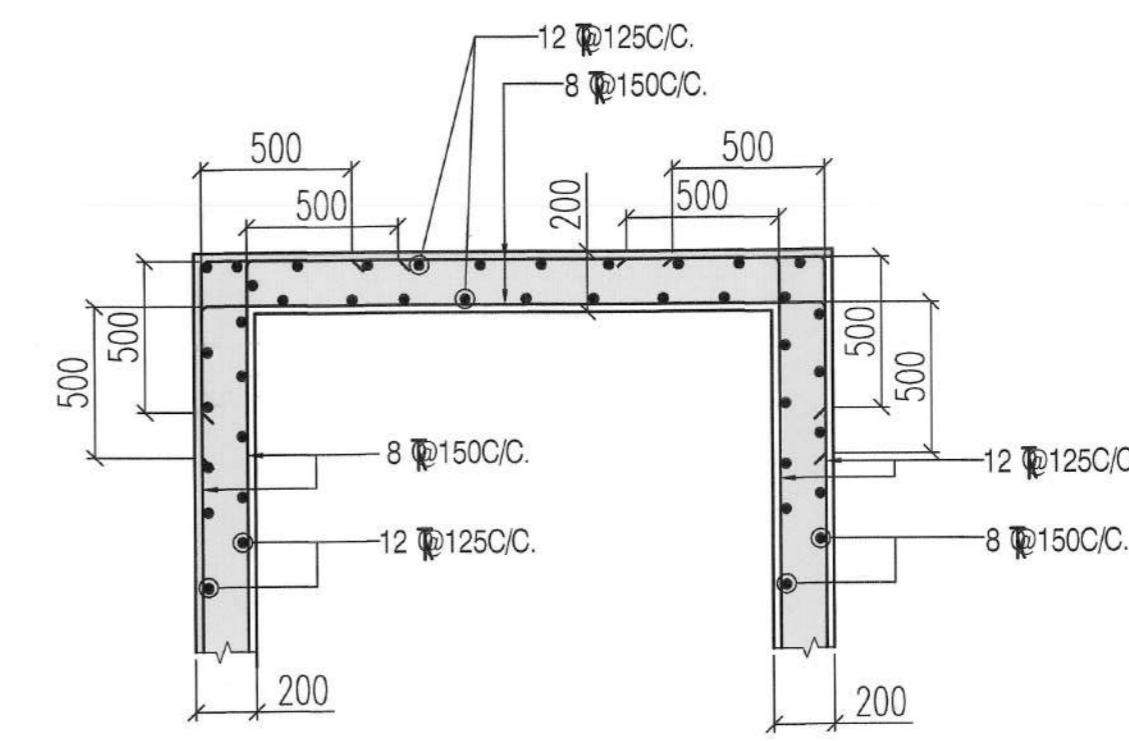


TYPICAL FLOOR BEAM SCHEDULE-(BLOCK-1,2)
GRADE OF CONCRETE - M25

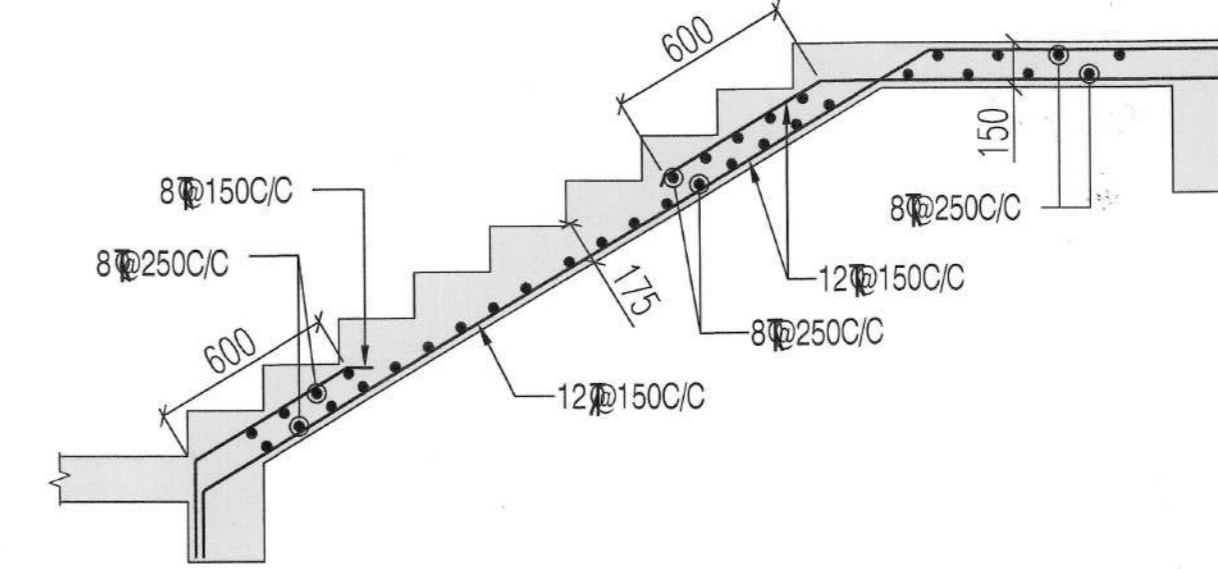
BEAM MKD	BEAM SIZE		REINFT. AT SUPPORT		REINFT. AT MID SPAN		STIRRUPS AT SUPPORT(0.3L)	STIRRUPS AT SPAN
	WIDE	DEPTH	TOP	BOTTOM	TOP	BOTTOM		
B1	250	450	2-20 $\bar{\top}$ +1-16 $\bar{\top}$	3-16 $\bar{\top}$	2-20 $\bar{\top}$ +1-16 $\bar{\top}$	3-16 $\bar{\top}$	4L-8 $\bar{\top}$ @100C/C	4L-8 $\bar{\top}$ @100C/C
B2	250	450	3-16 $\bar{\top}$ +2-20 $\bar{\top}$	3-16 $\bar{\top}$	2-16 $\bar{\top}$	5-16 $\bar{\top}$	8 $\bar{\top}$ @100C/C	10 $\bar{\top}$ @150C/C
B3	250	450	3-16 $\bar{\top}$ +2-20 $\bar{\top}$	3-16 $\bar{\top}$	2-16 $\bar{\top}$	5-16 $\bar{\top}$	8 $\bar{\top}$ @100C/C	8 $\bar{\top}$ @125C/C
B4	250	450	3-16 $\bar{\top}$ +2-16 $\bar{\top}$	3-16 $\bar{\top}$	2-16 $\bar{\top}$	5-16 $\bar{\top}$	8 $\bar{\top}$ @100C/C	8 $\bar{\top}$ @125C/C
B5	250	450	2-20 $\bar{\top}$ +1-16 $\bar{\top}$	2-16 $\bar{\top}$	2-20 $\bar{\top}$ +1-16 $\bar{\top}$	2-16 $\bar{\top}$	8 $\bar{\top}$ @150C/C	8 $\bar{\top}$ @150C/C
B6	250	450	3-16 $\bar{\top}$ +2-16 $\bar{\top}$	2-16 $\bar{\top}$	2-16 $\bar{\top}$	3-16 $\bar{\top}$	8 $\bar{\top}$ @100C/C	8 $\bar{\top}$ @150C/C
B7	250	450	3-16 $\bar{\top}$ +2-16 $\bar{\top}$	2-16 $\bar{\top}$	2-16 $\bar{\top}$	3-16 $\bar{\top}$	8 $\bar{\top}$ @100C/C	8 $\bar{\top}$ @150C/C
B8	250	450	3-16 $\bar{\top}$ +2-16 $\bar{\top}$	2-16 $\bar{\top}$	2-16 $\bar{\top}$	3-16 $\bar{\top}$	8 $\bar{\top}$ @100C/C	8 $\bar{\top}$ @150C/C
B9	200	450	3-16 $\bar{\top}$ +2-20 $\bar{\top}$	3-16 $\bar{\top}$	2-16 $\bar{\top}$	3-16 $\bar{\top}$	8 $\bar{\top}$ @100C/C	8 $\bar{\top}$ @100C/C
B10	250	450	3-16 $\bar{\top}$ +2-12 $\bar{\top}$	3-16 $\bar{\top}$	3-16 $\bar{\top}$	3-16 $\bar{\top}$	8 $\bar{\top}$ @100C/C	8 $\bar{\top}$ @200C/C
B11	250	450	3-16 $\bar{\top}$ +2-20 $\bar{\top}$	3-16 $\bar{\top}$	2-16 $\bar{\top}$	5-16 $\bar{\top}$	8 $\bar{\top}$ @100C/C	8 $\bar{\top}$ @150C/C
B12	200	450	2-16 $\bar{\top}$	2-16 $\bar{\top}$	2-16 $\bar{\top}$	2-16 $\bar{\top}$	8 $\bar{\top}$ @100C/C	8 $\bar{\top}$ @100C/C
MB-1	250	450	3-16 $\bar{\top}$	2-16 $\bar{\top}$	2-16 $\bar{\top}$	3-16 $\bar{\top}$	8 $\bar{\top}$ @100C/C	8 $\bar{\top}$ @150C/C
MB-2	250	450	3-16 $\bar{\top}$	2-16 $\bar{\top}$	2-16 $\bar{\top}$	3-16 $\bar{\top}$	8 $\bar{\top}$ @100C/C	8 $\bar{\top}$ @150C/C

TYPICAL FLOOR SLAB SCHEDULE-(BLOCK-1,2)
GRADE OF CONCRETE - M25

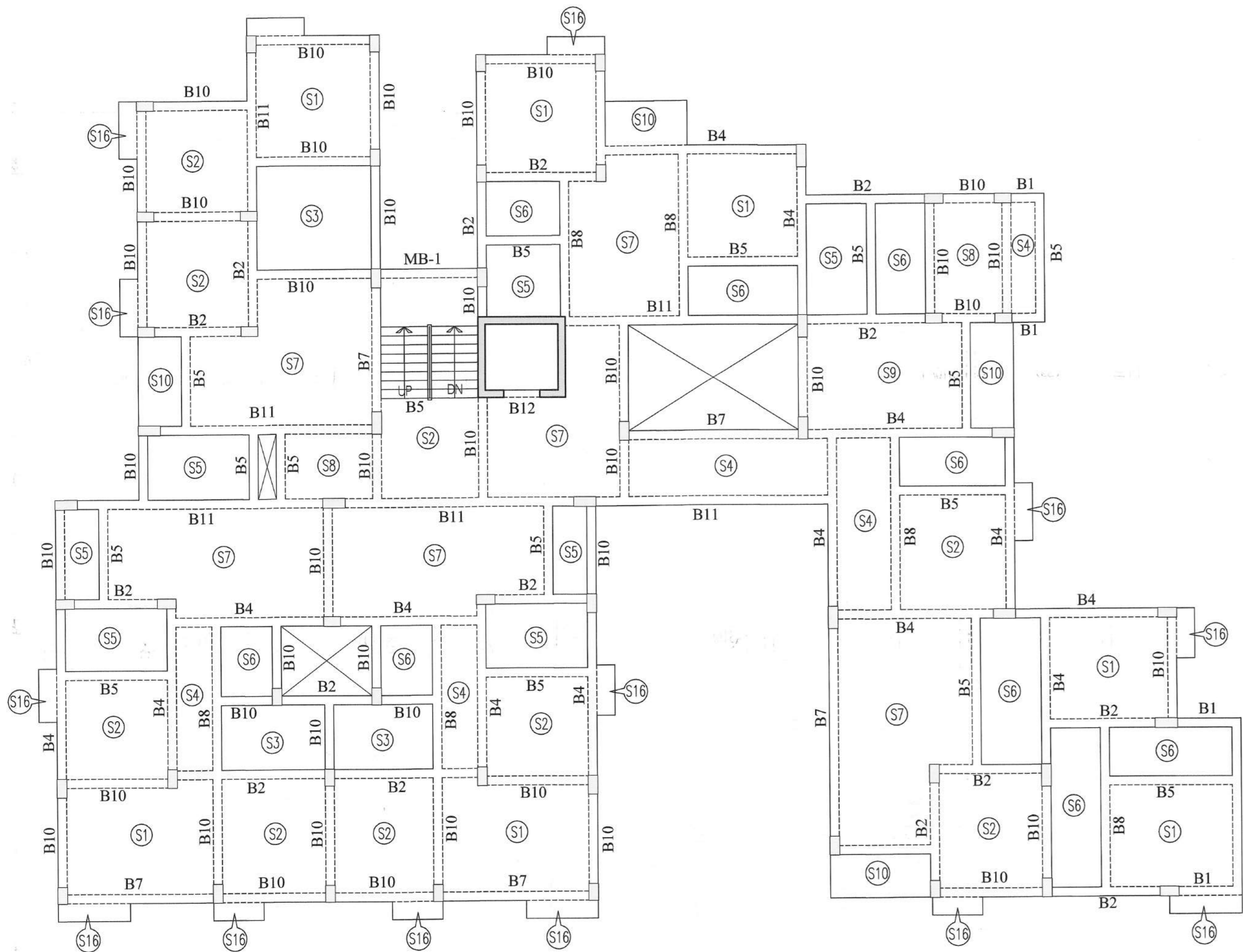
SLAB MKD.	DEPTH	REINFT. AT SHORTER SPAN	REINFT. AT LONGER SPAN
S1	125	8 $\bar{\top}$ @300C/C ST. 8 $\bar{\top}$ @300C/C CKD.	8 $\bar{\top}$ @300C/C ST. 8 $\bar{\top}$ @300C/C CKD.
S2	125	8 $\bar{\top}$ @400C/C ST. 8 $\bar{\top}$ @400C/C CKD.	8 $\bar{\top}$ @400C/C ST. 8 $\bar{\top}$ @400C/C CKD.
S3	125	8 $\bar{\top}$ @300C/C ST. 8 $\bar{\top}$ @300C/C CKD.	8 $\bar{\top}$ @300C/C ST. 8 $\bar{\top}$ @300C/C CKD.
S4	125	8 $\bar{\top}$ @150C/C BOTT. 8 $\bar{\top}$ @150C/C TOP.	8 $\bar{\top}$ @400C/C ST. 8 $\bar{\top}$ @400C/C CKD.
S5	125	8 $\bar{\top}$ @200C/C BOTT. 8 $\bar{\top}$ @200C/C TOP.	8 $\bar{\top}$ @200C/C BOTT. 8 $\bar{\top}$ @200C/C TOP.
S6	125	8 $\bar{\top}$ @150C/C BOTT. 8 $\bar{\top}$ @150C/C TOP.	8 $\bar{\top}$ @200C/C BOTT. 8 $\bar{\top}$ @200C/C TOP.
S7	165	10 $\bar{\top}$ @300C/C ST. 10 $\bar{\top}$ @300C/C CKD.	10 $\bar{\top}$ @300C/C ST. 10 $\bar{\top}$ @300C/C CKD.
S8	125	8 $\bar{\top}$ @200C/C BOTT. 8 $\bar{\top}$ @200C/C TOP.	8 $\bar{\top}$ @200C/C BOTT. 8 $\bar{\top}$ @200C/C TOP.
S9	150	8 $\bar{\top}$ @300C/C ST. 8 $\bar{\top}$ @300C/C CKD.	8 $\bar{\top}$ @400C/C ST. 8 $\bar{\top}$ @400C/C CKD.
S10	150	8 $\bar{\top}$ @150C/C BOTT. 10 $\bar{\top}$ @150C/C TOP.	8 $\bar{\top}$ @200C/C BOTT. 8 $\bar{\top}$ @200C/C TOP.
S11	150	10 $\bar{\top}$ @150C/C BOTT. 10 $\bar{\top}$ @150C/C TOP.	8 $\bar{\top}$ @400C/C ST. 8 $\bar{\top}$ @400C/C CKD.
S12	150	10 $\bar{\top}$ @150C/C BOTT. 10 $\bar{\top}$ @150C/C TOP.	8 $\bar{\top}$ @400C/C ST. 8 $\bar{\top}$ @400C/C CKD.
S13	150	10 $\bar{\top}$ @150C/C BOTT. 10 $\bar{\top}$ @150C/C TOP.	8 $\bar{\top}$ @400C/C ST. 8 $\bar{\top}$ @400C/C CKD.
S14	165	10 $\bar{\top}$ @300C/C ST. 10 $\bar{\top}$ @300C/C CKD.	10 $\bar{\top}$ @400C/C ST. 10 $\bar{\top}$ @400C/C CKD.
S15	150	8 $\bar{\top}$ @300C/C ST. 8 $\bar{\top}$ @300C/C CKD.	8 $\bar{\top}$ @400C/C ST. 8 $\bar{\top}$ @400C/C CKD.
S16	165	10 $\bar{\top}$ @300C/C ST. 10 $\bar{\top}$ @300C/C CKD.	10 $\bar{\top}$ @400C/C ST. 10 $\bar{\top}$ @400C/C CKD.



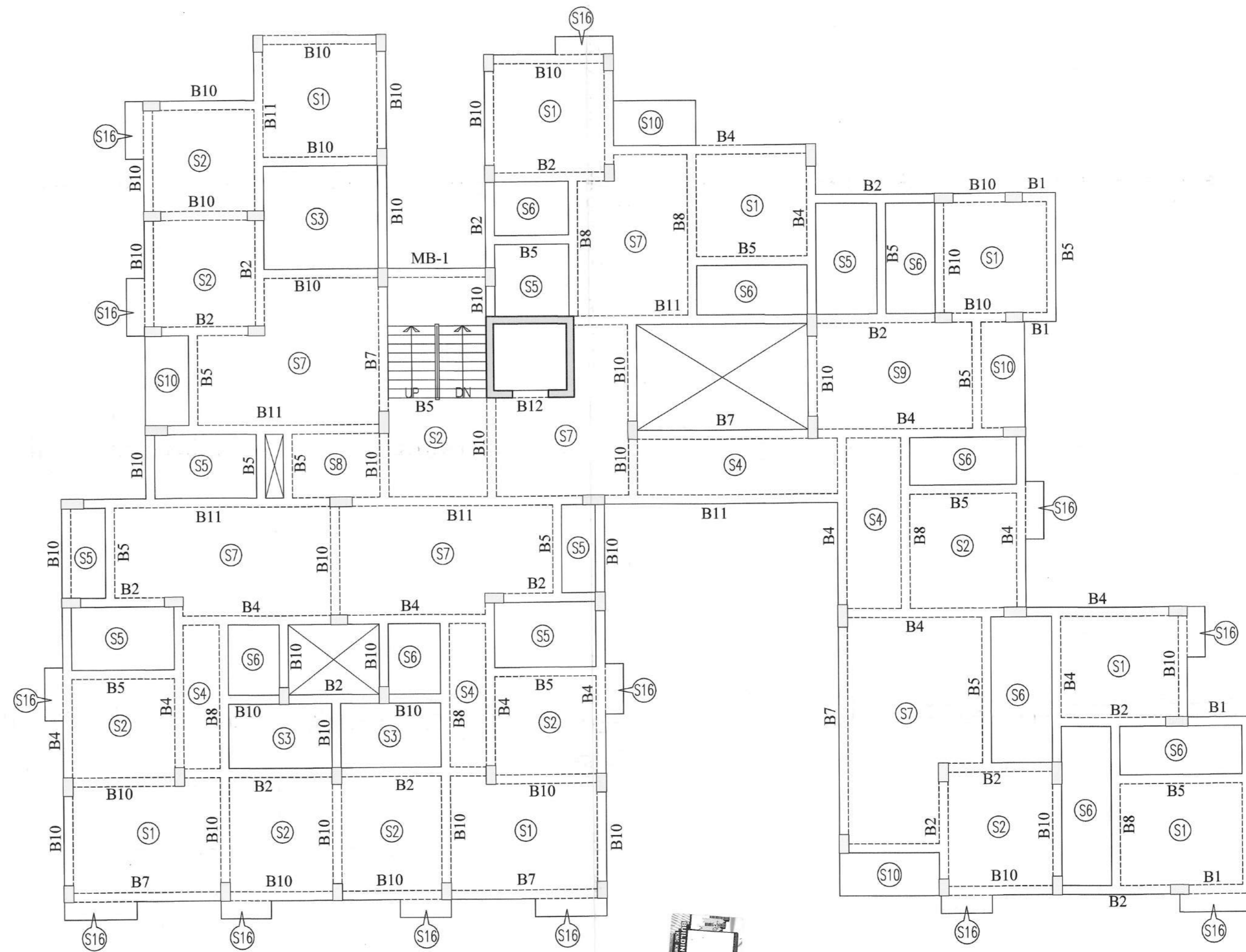
TYPICAL DETAILS OF LIFT WALL



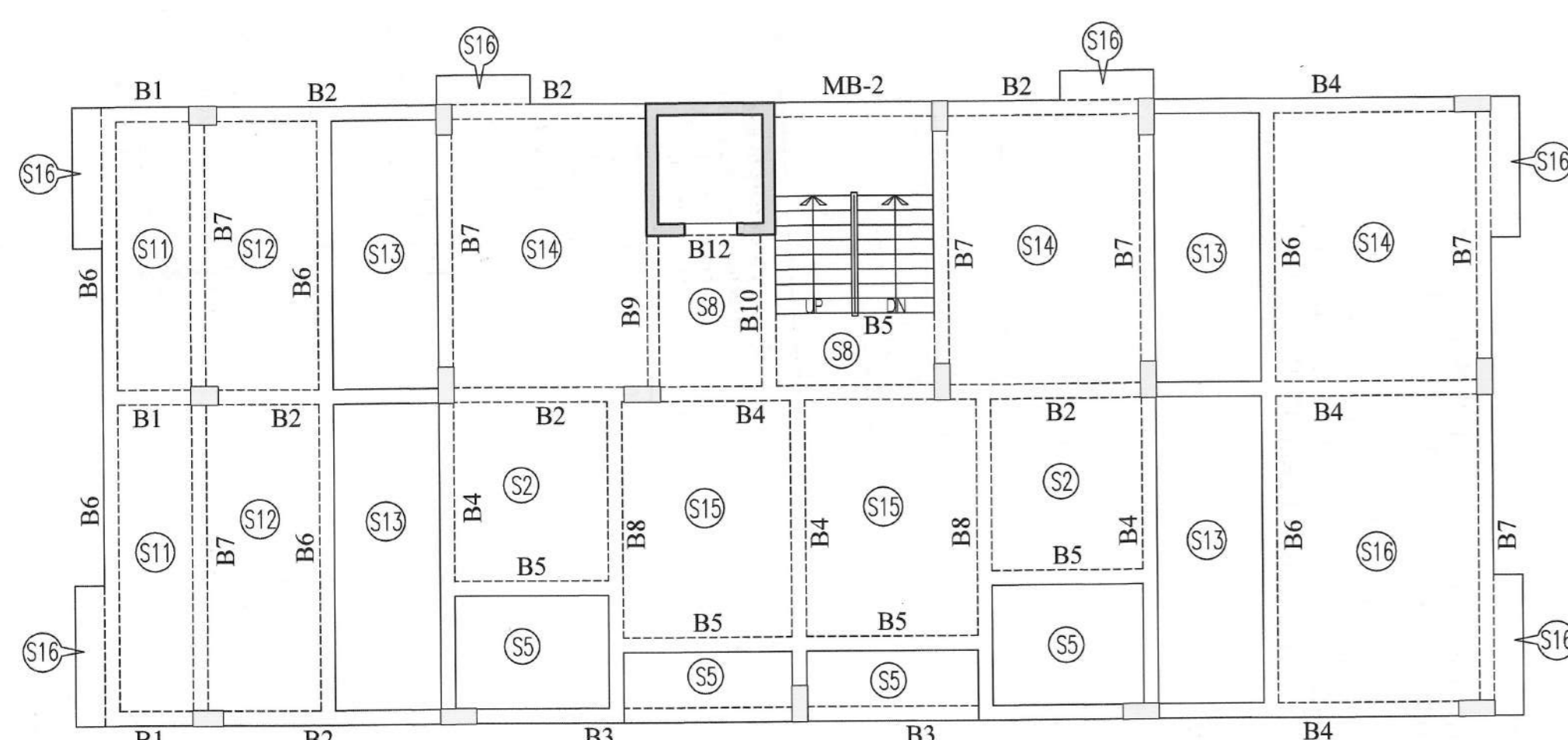
TYPICAL DETAILS OF STAIR



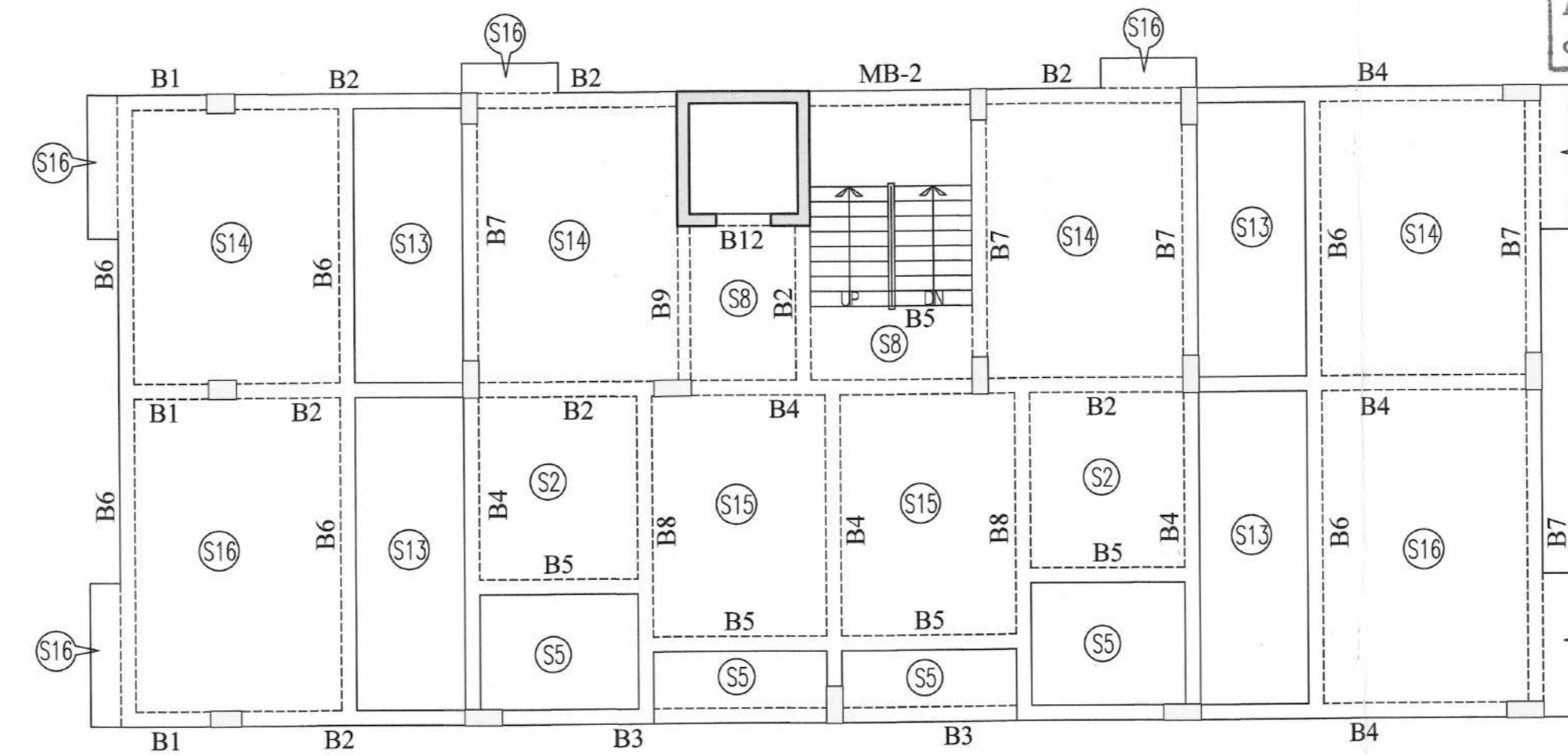
FIRST FLOOR BEAM LAYOUT
BLOCK-2



TYPICAL FLOOR BEAM LAYOUT
BLOCK-2



1ST FLOOR BEAM LAYOUT
BLOCK-1



TYPICAL FLOOR BEAM LAYOUT
BLOCK-1

CERTIFICATE OF OWNER

- 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.
- K.M.C AUTHORITY WILL NOT BE RESPONSIBLE FOR STRUCTURE STABILITY OF BUILDING AND ADJOINING STRUCTURE.
- IF ANY SUBMITTED DOCUMENT IS FOUND TO BE FAKE THE K.M.C AUTHORITY MAY REVOKE THE SANCTION PLAN.
- THE CONSTRUCTION OF WATER RESERVOIR AND SEPTIC TANK EXECUTED UNDER THE GUIDANCE OF ARCHITECT & E.S.E

Dippaman Samanta
Sebat of Sree Sree
Madan Mohan Jew
Thakur

SIGNATURE OF OWNER

DIPPAMAN SAMANTA
(THE SOLE SEBAT OF THE SREE SREE MADAN
MADAN MOHAN JEW THAKUR)

ADDRESS:
822, RAJA RAM MOHAN ROY ROAD,
POLICE STATION -THAKURPUKUR, NOW HARIDEPUR,
KOLKATA-08.

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 N.B.C OF INDIA AND CERTIFY THAT IT IS SAFE AND STABLE IN ALL RESPECT. SOIL INVESTIGATION REPORT HAS BEEN DONE BY ALOKE ROY, SA, MILAN PARK, KOLKATA - 700084. THE RECOMMENDATION OF SOIL REPORT HAS BEEN CONSIDERED DURING STRUCTURAL CALCULATION.

Sanjiv J. Parekh
SANJIV J. PAREKH
M.E.(STRUCT.), M.E.(CONST. ENGR.)
B.C.E. (FIE-1918202-4)
E. S. E. No. 104 (I) K.M.C.

SIGN. OF STRUCTURAL ENGINEER

SANJIV J. PAREKH,
E.S.E. 1(104),

ADDRESS:
34 RAMMOHAN DUTTA ROAD,
KOLKATA - 700020.

CERTIFICATE OF ARCHITECT

THE L.B.A. HAS CERTIFIED ON THE PLAN ITSELF WITH FULL RESPONSIBILITY THAT THE BUILDING PLAN HAS BEEN DRAWN UP AS PER PROVISION 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 BUILD ABLE SITE AND NOT A TANK OR A FILLED UP TANK.

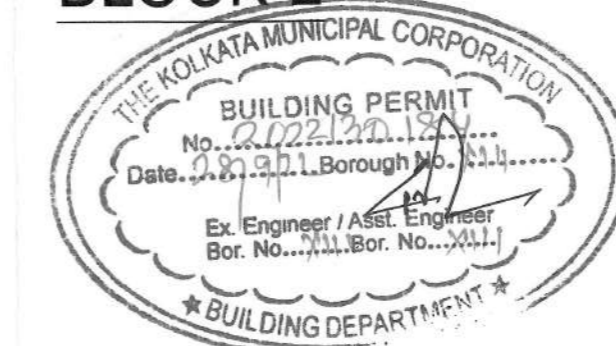
Rajkumar Agarwal
Rajkumar Agarwal
Architect
Member of Council of
Architecture CA / 94 / 17940

SIGNATURE OF ARCHITECT

RAJ KUMAR AGARWAL
COUNCIL REGISTRATION NO. CA6417940

ADDRESS:
RAJ AGARWAL & ASSOCIATES
88, ROYD STREET (2ND FLOOR), KOLKATA-16.

BLOCK-2



THE SANCTION IS VALID
UP TO 21.12.2023

Sanctioned subject to demolition of existing structure to provide open space as per plan before construction is started.
Executive Engineer (C) B.R. 2111
Asst. Engineer (C) B.K. PLAN 2111

Approved by M.B.C.
dt. 21.12.2023

APPROVED
ASSISTANT ENGINEER (C)
BOROUGH No. 2111

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.

Alok Roy
ALOK ROY
Empanelled Geotechnical Engineer
Kolkata Municipal Corporation
Class: No. G-74/11
6A, Milan Park,
Kolkata-700 084

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

NOTES :-
1. ALL DIMENSIONS ARE IN MM. UNLESS OTHERWISE MENTIONED.
2. SUPER STRUCTURE : SUPER STRUCTURE SHALL BE OF 1ST CLASS BRICK IN 1:6 CEMENT MORTAR.
3. ALL GRADE OF CONCRETE M25
4. ALL MATERIALS SHALL CONFORM TO RELEVANT IS CODES.
5. FOR STEEL GRADE Fe 500 AS PER I.S 1786-2008.
6. LAPs, SPICES & 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.	20	20	20
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.

PROJECT
PROPOSED G+IV (15.475 MT.) STORIED
RESIDENTIAL BUILDING AT PREMISES
NO.-214 F, RAJA RAM
MOHAN ROY ROAD, P.S.- HARIDEPUR,
WARD NO. - 122 , BOROUGH--XIII.
KOLKATA-700008,

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

ARCHITECTS
RAJ AGARWAL & ASSOCIATES
88, ROYD STREET,
KOLKATA-16

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

DRAWN BY - DEBRAJ
CHECKED BY -
DATE - 28.09.2022
SCALE : 1:100, .25
JOB NO. 2019_22
DRG. NO. 20/1922/RAJ/AG/214F RAJA RAMMOHAN ROY ROAD/CS-02

RESIDENTIAL BUILDING

DEVIATION WOULD MEAN DEMOLITION

"CONSTRUCTION SITE SHALL BE MAINTAINED TO PREVENT MOSQUITO BREEDING AS REQUIRED U/S 496(1) & (2) OF CMC ACT 1980, IN SUCH MANNER SO THAT ALL WATER COLLECTIONS PARTICULARLY LIFE WELLS, VATS, BASEMENT SURING SITES OPEN RECEPTACLES ETO AS EMPITED COMPLETELY TWICE & WEAR"

No rain water pipe should be fixed or discharged on Road or Footpath. Drainage plan should be submitted at the Borough Executive Engineer's Office and the sanction obtained before proceeding with the drainage work

CONSTRUCTION SITE SHALL BE MAINTAINED FREE FROM AIR POLLUTION ACCORDING TO UNDERTAKING SUBMITTED AS PER AMENDMENT DT. 31.01.2019 VIDE NO. 95/MA/O/C-4/ 3R-7/2017 OF SCHEDULE-IV OF KMC BUILDING RULE 2009

Before starting any Construction the site must conform with plan sanctioned and all the conditions as proposed in the plan should be fulfilled. The validity of the written permission to execute the work is subject to the above conditions

Non Commencement of Erection/ Re-Erection within Five year will Require Fresh Application for Sanction

Available pump has to be provided i.e. pumping filtered water for the distribution to the building at least one meter in the building and at least one meter above street level.

All Building Materials to necessary & construction should conform's to standered specified in the National Building Code of India.

Construction site should be maintained free from mosquito breeding. All water collections should be emptied completely twice & wear. All water collections should be covered with wire mesh or any other material to prevent mosquito breeding. All water collections should be emptied completely twice & wear.

Design of all Structural Mem. including that of the foundation should conform to Standards specified in the National Building Code of India.

CERTIFIED COPY

KOLKATA MUNICIPAL CORPORATION BUILDING DEPARTMENTS CERTIFIED COPY OF B.S. PLAN No. 2022/2018/4 Dt. 28/9/22 Borough No. XIII Assistant Engineer Executive Engineer

Necessary steps should be taken for the safety of the lives of the adjoining public and private properties during construction.

Structural plan and design calculation as submitted by the structural engineer have been kept with B. P. No. 2022/2018/4 Date 28/9/22 for record of the Kolkata Municipal Corporation with put 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. Asst. Engineer/Technical Advisor / Executive Engineer BOROUGH NO.- XIII, XIV

CHECKED AND VERIFIED A.E.(C)/S.A.E.(C)

Handwritten signature and date 28/10/2022. Circular stamp: BUILDING DEPARTMENT THE KOL. MUNICIPAL CORP. 28 OCT 2022