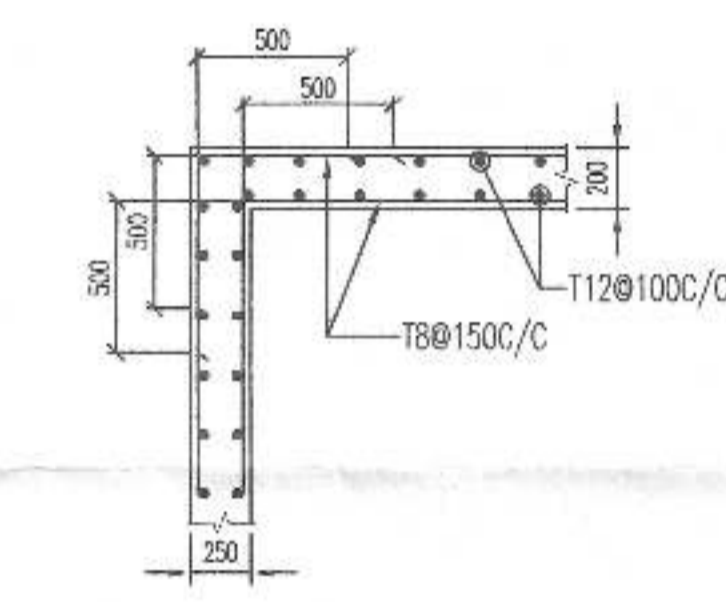


3RD. FLOOR BEAM SCHEDULE (TOWER- 1,2,3,& PODIUM)
GRADE OF CONCRETE - M30

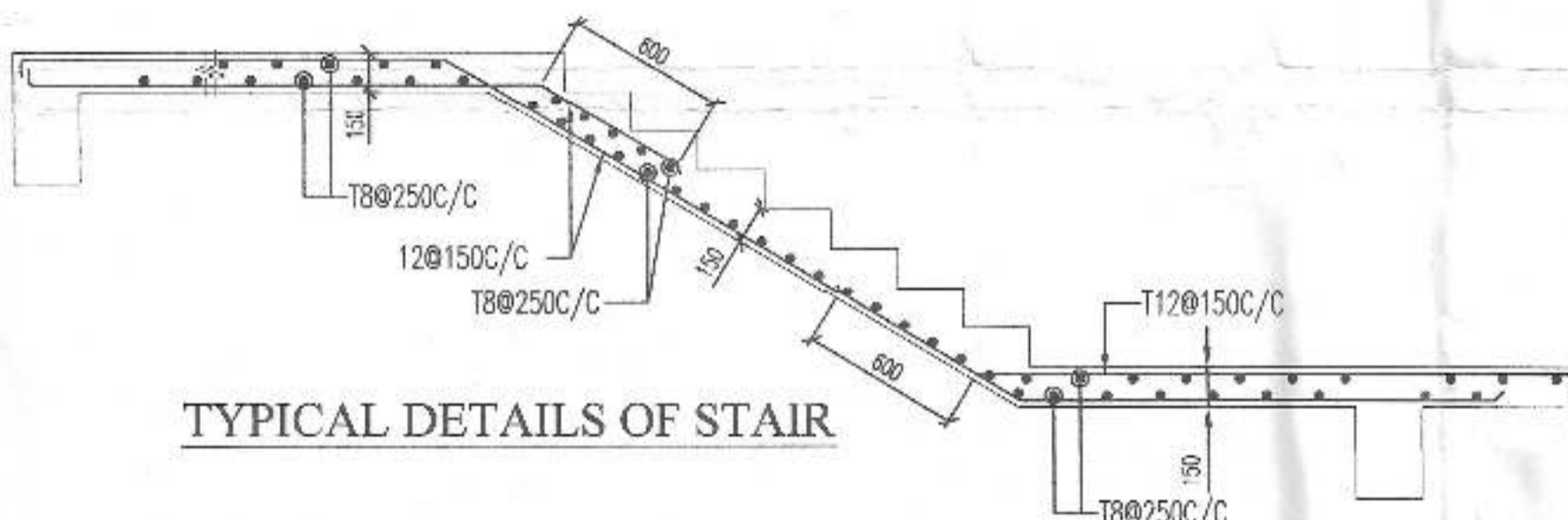
BEAM MKD	BEAM SIZE		REINFT. AT SUPPORT		REINFT. AT MID SPAN		STIRRUPS AT SUPPORT(0.3L)	STIRRUPS AT SPAN
	WIDE	DEPTH	TOP	BOTTOM	TOP	BOTTOM		
B1A	250	900	5-120	2-120	2-120	4-120	T10@100C/C	T10@150C/C
B1	250	600	5-120	2-120	2-120	4-120	T10@100C/C	T10@150C/C
B2	250	600	6-120	3-120	2-120	6-120	T10@100C/C	T10@150C/C
B3	250	600	6-116	3-116	2-116	5-116	T10@100C/C	T10@150C/C
B4	250	600	6-120	3-120	2-120	5-120	T10@100C/C	T10@150C/C
B5	250	600	5-125	3-125	3-125	5-125	T10@100C/C	T10@150C/C
B6	350	600	6-120	4-120	4-120	6-120	4L-T10@100C/C	4L-T10@100C/C
B7	350	600	6-120	4-120	4-120	6-120	4L-T10@100C/C	4L-T10@100C/C
B7A	350	900	6-120	4-120	4-120	6-120	4L-T10@100C/C	4L-T10@100C/C
B8	200	600	4-125	4-125	4-125	4-125	T10@100C/C	T10@100C/C
B9	350	600	5-120	3-120	3-120	5-120	4L-T10@100C/C	4L-T10@100C/C
B10	350	600	5-120	3-120	3-120	5-120	4L-T10@100C/C	4L-T10@100C/C
B11	500	600	9-120	5-120	5-120	8-120	4L-T10@100C/C	4L-T10@100C/C
B11A	250	600	3-120	2-116	3-120	2-116	T10@100C/C	T10@150C/C
B12	750	600	11-125	7-125	7-125	11-125	6L-T10@100C/C	6L-T10@150C/C
B14	350	600	4-120	3-120	4-120	6-120	4L-T10@150C/C	4L-T10@150C/C
B15	350	600	4-120	4-120	4-120	4-120	4L-T10@150C/C	4L-T10@150C/C
B16	250	900	6-120	3-120	3-120	6-120	T10@100C/C	T10@150C/C
B17	250	900	6-120	3-120	3-120	6-120	T10@100C/C	T10@150C/C
B18	250	900	6-120	3-120	3-120	6-120	T10@100C/C	T10@150C/C
B19	350	900	6-120	4-120	4-120	6-120	4L-T10@150C/C	4L-T10@150C/C
B20	350	600	6-120	4-120	4-120	6-120	4L-T10@150C/C	4L-T10@150C/C
B21	150	600	2-116	2-116	2-116	2-116	T10@100C/C	T10@150C/C
B22	400	600	5-120	4-120	5-120	6-120	4L-T10@100C/C	4L-T10@150C/C
B23	250	750	6-120	3-120	3-120	6-120	T10@100C/C	T10@150C/C
B24	250	750	6-120	3-120	3-120	6-120	T10@100C/C	T10@150C/C
B25	600	600	6-120	3-120	3-120	6-120	4L-T10@100C/C	4L-T10@150C/C
B16A	250	1050	6-120	3-120	3-120	6-120	T10@100C/C	T10@150C/C
B19A	350	1050	6-120	3-120	3-120	6-120	T10@100C/C	T10@150C/C
B25A	450	450	6-120	3-120	3-120	6-120	4L-T10@100C/C	4L-T10@150C/C
B26	250	600	6-120	3-120	3-120	6-120	T10@100C/C	T10@150C/C
B27	250	1000 to 1050	6-120	3-120	3-120	5-120	T10@100C/C	T10@150C/C
B28	250	900	6-120	3-120	3-120	5-120	T10@100C/C	T10@150C/C
MB	250	600	6-120	4-120	2-120	4-120	T10@100C/C	T10@150C/C

3RD FLOOR SLAB SCHEDULE (TOWER- 1,2,3 & PODIUM)
GRADE OF CONCRETE - M30

SLAB MKD.	DEPTH	REINFT. AT SHORTER SPAN	REINFT. AT LONGER SPAN
S1	175	T10@200C/C (BOTT.STR.) T10@200C/C (BOTT.CUT)	T10@300C/C (BOTT.STR.) T10@300C/C (BOTT.CUT)
S2	175	T10@200C/C (BOTT.STR.) T10@200C/C (BOTT.CUT)	T10@400C/C (BOTT.STR.) T10@400C/C (BOTT.CUT)
S3	200	T12@250C/C (BOTT.STR.) T12@250C/C (BOTT.CUT)	T10@250C/C (BOTT.STR.) T10@250C/C (BOTT.CUT)
S4	175	T10@200C/C (BOTT.STR.) T10@200C/C (BOTT.CUT)	T10@400C/C (BOTT.STR.) T10@400C/C (BOTT.CUT)
S5	150	T10@400C/C (BOTT.STR.) T10@400C/C (BOTT.CUT)	T10@400C/C (BOTT.STR.) T10@400C/C (BOTT.CUT)
S6	175	T10@200C/C (BOTT.STR.) T10@200C/C (BOTT.CUT)	T10@400C/C (BOTT.STR.) T10@400C/C (BOTT.CUT)
S7	175	T10@200C/C (BOTT.STR.) T10@200C/C (BOTT.CUT)	T10@400C/C (BOTT.STR.) T10@400C/C (BOTT.CUT)
S8	175	T10@300C/C (BOTT.STR.) T10@300C/C (BOTT.CUT)	T10@400C/C (BOTT.STR.) T10@400C/C (BOTT.CUT)
S9	125	T10@100C/C (BOTT.STR.)	T10@100C/C (BOTT.STR.)



TYPICAL DETAILS OF LIFT WALL



TYPICAL DETAILS OF STAIR

NOTES:

- ALL DIMENSIONS ARE IN MM UNLESS OTHERWISE MENTIONED.
- SUPER STRUCTURE: SUPER STRUCTURE SHALL BE OF 1ST CLASS BRICK IN 1:3 CEMENT MORTAR.
- ALL GRADE OF CONCRETE M30
- ALL MATERIALS SHALL CONFORM TO RELEVANT I.S. CODES.
- FOR STEEL GRADE: F_y 500 AS PER IS 1786:2008
- LAPS: SPICERS & 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 1:3 CEMENT MORTAR.
- MINIMUM CLEAR COVER TO MAIN REINFORCEMENT IS AS FOLLOWS:

MEMBER	TOP	BOTTOM	SIDE
a. COLUMN			40
b. TIE BEAM	30	30	40
c. FLOOR BEAM	25	25	25
d. FLOOR SLAB	20	20	20
e. PILE			50
f. PILECAP	50	75	50

UNDERSIGNER HAS INSPECTED THE SITE AND CARRIED OUT SOIL INVESTIGATION THEREIN 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 TECHNICAL POINT OF VIEW.

SIGNATURE OF GEOTECH ENGINEER
ALOK ROY
M/S. GEOTECH ENGINEERS PVT. LTD.
ADDRESS:
6A, MILAN PARK
KOLKATA - 700 084

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

SIGNATURE OF OWNER
KARAN TODI
DESIGNATED PARTNER OF AKSHAY VINIMAY LLP.
ADDRESS:
2, QUEENS PARK, BALLYGUNGE,
KOLKATA - 19

CERTIFICATE OF STRUCTURAL ENGINEER
THE STRUCTURAL DESIGN OF BOTH FOUNDATION AND SUPERSTRUCTURE OF THE BUILDING HAVE BEEN MADE BY ME CONSULTING ALL POSSIBLE LOADS INCLUDING THE SEISMIC LOADS PER I.E.C. OF INDIA AND CERTIFY THAT IT IS SAFE AND STABLE IN ALL RESPECT SOIL INVESTIGATION REPORT HAS BEEN DONE BY REGISTERED ENGINEERS: P.V. J.D. (MR. ALOK ROY) (REGISTERED NO.- 01 11 1) & MILAN PARK, KOLKATA-700084. THE RECOMMENDATION OF SOIL REPORT HAS BEEN CONSIDERED DURING STRUCTURAL CALCULATION.

SANJIV J. PAREKH
ALL INDIA REGISTERED CIVIL ENGINEER
E.S.E. NO. 104/16
C.S.E. NO. 184 OF 1981 C.

SIGNATURE OF STRUCTURAL ENGINEER
SANJIV J. PAREKH
E.S.E. I (104),
ADDRESS:
34 RAMMOHAN DUTTA ROAD,
KOLKATA-20.

SANJIB GUHA
E.S.C., E.C.E., P.I.E. (F-115854-5)
REGISTERED STRUCTURAL ENGINEER
REVISED REGISTER NO. 88/16 K.M.C.

SIGNATURE OF STRUCTURAL REVIEWER
SANJIB GUHA,
E.S.R. /88/16
ADDRESS:
34 RAMMOHAN DUTTA ROAD,
KOLKATA-20.

PROJECT
PROPOSED G+XVI STORED, 53.375 MT. HEIGHT (PARTIALLY G+XV STORED, 50.3 MT. HEIGHT) RESIDENTIAL BUILDING AT P.P.E. NO.-128, BELIAGHATA ROAD, KOLKATA-700015. UNDER KOLKATA MUNICIPAL CORPORATION, WARD NO.- 57, BOROUGH-VII.

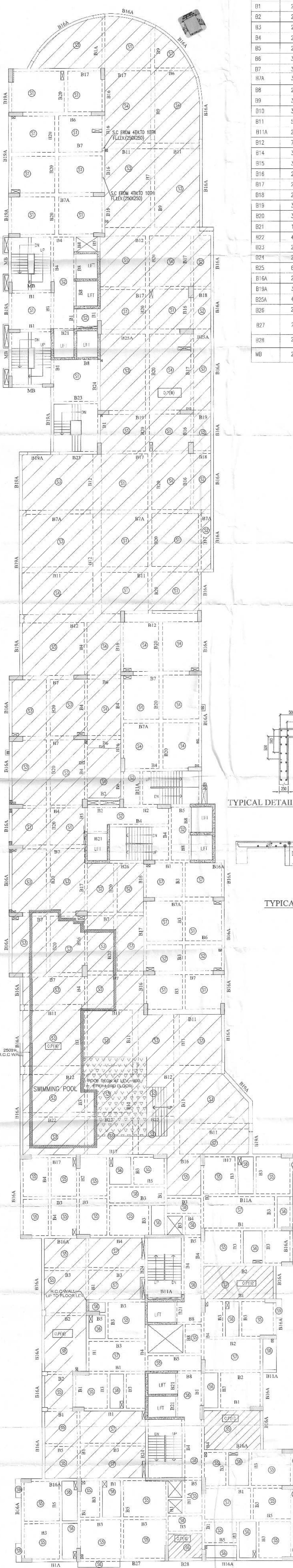
TITLE
CORPORATION DRAWING
3RD FLOOR BEAM LAYOUT (TOWER-1,2,3 & PODIUM)

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

STRUCTURAL ENGINEERS
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KOLKATA - 700020
PH. NO. 2465 2446/5442 2475-7614 (Tel./Fax)
E-mail: spa_cons@yahoo.co.in

DRAWN BY BSK
CHECKED BY SUDY
JOB NO. SPARA/2106/19
DATE 26.12.2018
SCALE 1:1100.25
DRG. NO. CS-03

3RD. FL. BEAM LAYOUT
TOWER-01,02,03 & PODIUM BLOCK



BOARD OF SUPERVISORS IN STOCK
500 W. BERRY ST. CHICAGO

OFFICE OF THE EXPLORER
BORDERS DEPARTMENT
DATE 09/11/19

STRUCTURAL PLAN AND DESIGN CALCULATION AS SUBMITTED BY THE
OWNER. APPROVAL HAS BEEN GRANTED FOR THE
NO. 201901001 OF 10/11/19
OF THE LOCAL MUNICIPAL CORPORATION WITHIN THE MUNICIPAL NO.
DIVISION FROM THE MUNICIPAL CORPORATION WITHIN THE MUNICIPAL NO.
AT THE TIME OF REVIEW. APPROVAL IS GRANTED FOR THE
PROVIDED THAT NECESSARY APPROVALS ARE OBTAINED FOR THE
SIGNED AND DATED AS SHOWN ON THESE PLANS AND THE
CHECKING OF THE PLANS IS THE RESPONSIBILITY OF THE
ENGINEER.

KOKATA MUNICIPAL CORPORATION
CITY ENGINEER
No. 201901001 OF 10/11/19
Executive Engineer
11/11/19

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