

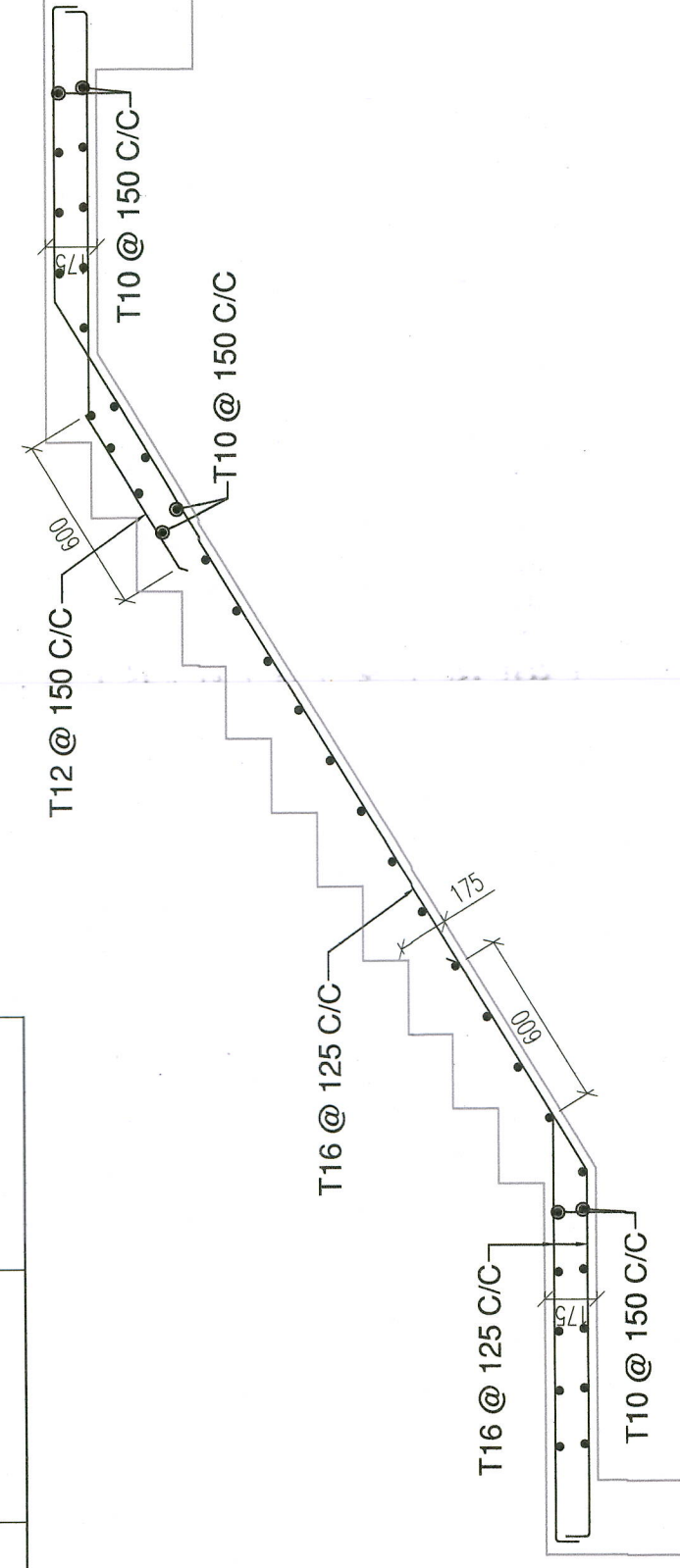
TYPICAL REINFORCEMENT CURTAILMENT DETAILS OF FLOOR BEAM (CASE-1)

THIRD FLOOR BEAM SCHEDULE GRADE OF CONCRETE - M30

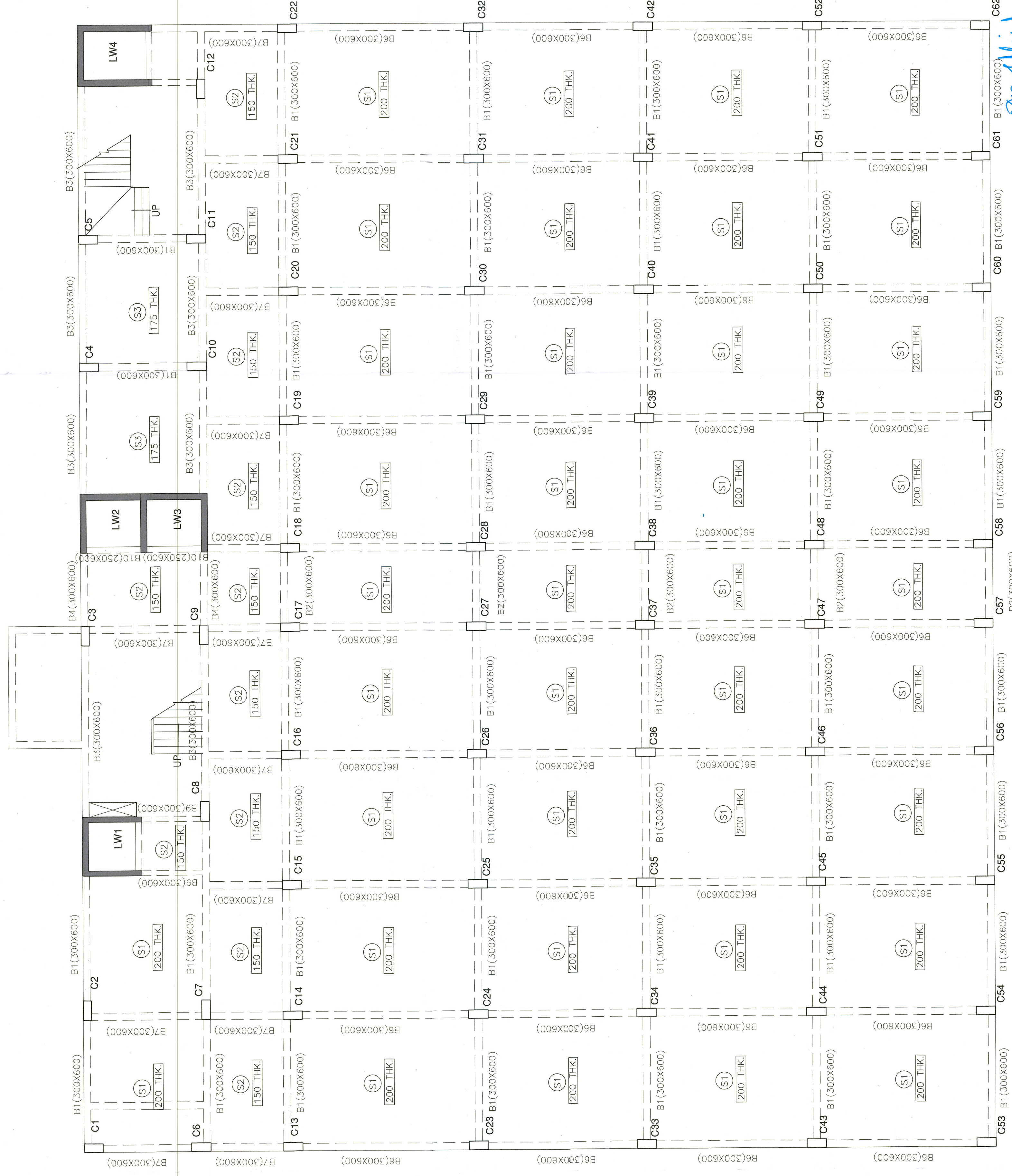
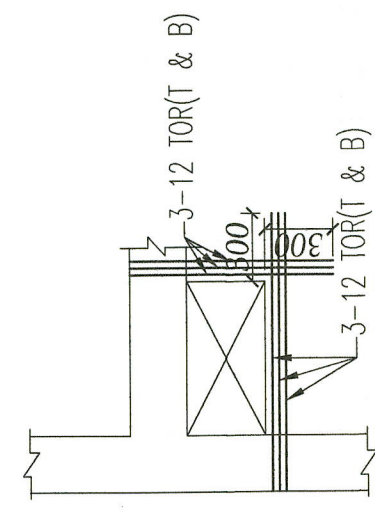
FLOOR BEAM MKD.	SIZE	TOP REINFORCEMENT	BOTTOM REINFORCEMENT	SHEAR STIRRUPS
B-1	300 x 600	3-T16+ 2-T16	3-T16+ 3-T16	4L-T8 @ 100 CC
B-2	300 x 600	3-T16+ 2-T16	3-T16+ 3-T16	4L-T8 @ 100 CC
B-3	300 x 600	3-T16+ 2-T16	3-T16+ 3-T16	4L-T8 @ 100 CC
B-4	300 x 600	3-T16+ 2-T16	3-T16+ 3-T16	4L-T8 @ 100 CC
B-5	300 x 600	3-T16	3-T16	4L-T8 @ 100 CC
B-6	300 x 600	3-T16+ 2-T20	3-T16+ 3-T20	4L-T10 @ 100 CC
B-7	300 x 600	3-T16+ 2-T20	3-T16+ 3-T20	4L-T8 @ 100 CC
B-8	300 x 600	3-T12	3-T12	4L-T8 @ 100 CC
B-9	300 x 600	5-T12	3-T16	4L-T8 @ 100 CC
B-10	250 x 600	3-T16	3-T16	2L-T8 @ 100 CC

TYP. FLOOR SLAB SCHEDULE GRADE OF CONCRETE - M30

SLAB MKD.	THICKNESS	SHORTER SPAN	LONGER SPAN
S1	200	10TOR@100CC	10TOR@125CC
S2	150	8TOR@125CC	8TOR@150CC
S3	175	10TOR@125CC	10TOR@150CC



TYPICAL DETAILS OF CUTOFF



NOTES:-

- ALL DIMENSIONS ARE IN MM. UNLESS OTHERWISE MENTIONED.
- ANY AMBIGUITY IN THE DRAWINGS SHOULD BE IMMEDIATELY BROUGHT TO THE NOTICE OF THE CONSULTANT BEFORE COMMENCING THE WORK
- SUPER STRUCTURE : ALL SUPER STRUCTURE BRICK WORK**
- 1ST CLASS BRICK.
- THIS DRAWING IS TO BE READ ALONG WITH ALL RELEVANT ARCHITECTURAL DRAWINGS.
- ALL GRADE OF CONCRETE AS PER SCHEDULE.**
- ALL MATERIALS SHALL CONFORM TO RELEVANT I.S. CODES.
- FOR STEEL GRADE Fe 500 AS PER I.S. 1786:2008.**
- ALL DISTRIBUTION BARS ARE 8mm @ 250 C/C AND TO BE PROVIDED WHEREVER REQUIRED.
- ALL CHAIRS ARE 10mm AND TO BE PROVIDED WHEREVER REQUIRED.
- ALL SPACERS ARE 25mm @ 300 C/C AND TO BE PROVIDED WHEREVER REQUIRED.
- LAPS, SPICES & 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. PILE — 50
b. PILECAP 75 75 75
c. TIE-BEAM 30 30 30
d. COLUMN — 40
e. FLOOR BEAM 30 30 30
f. FLOOR SLAB 25 25 25
- THIS DRAWING IS THE PROPERTY OF M/S SPA CONSULTANT AND CANNOT BE COPIED OR USED WITHOUT THEIR WRITTEN PERMISSION.

DECLARATION OF OWNER'S:-

I DO HEREBY DECLARE THAT THE BUILDING PROPOSED FOR CONSTRUCTION SHALL BE SUPERVISED BY THE B.A.L.B.S. SIGNING THE BUILDING PLAN APPLICATION OR IN HIS ABSENCE BY ANY OTHER B.A.L.B.S. OF THE APPROPRIATE CATEGORY AND AS APPROVED BY THE AUTHORITY.

SIGNATURE OF OWNERS

Signature of Owner

DECLARATION OF STRUCTURAL ENGINEER

THE STRUCTURAL DESIGN AND DRAWING OF BOTH FOUNDATION AND 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 AND CERTIFIED THAT IT IS SAFE AND STABLE IN ALL RESPECT. MOREOVER I/WE SHALL BE HELD RESPONSIBLE FOR ANY STRUCTURE DAMAGE/FAILURE HAPPENED DURING CONSTRUCTION PERIOD AND THERE AFTER BEYOND DATE OF TAKING OCCUPANCY CERTIFICATE.

SANJIV J. PAREKH
M.E. STRUCT. (M.E. CONST. ENG.)
E.S.E.-127 S.M.C.

SIGNATURE OF STRUCTURAL ENGINEER

DECLARATION OF ARCHITECT / L.B.S. :
I DO HEREBY DECLARE THAT THE KEY PLAN, SITE PLAN AND THE BUILDING PLAN HAVE BEEN PREPARED UNDER MY SUPERVISION AND I SHALL BE RESPONSIBLE FOR THE SUPERVISION OF THE BUILDING.

RADHA
RIVA BISWAS (B.Arch)
CA/2019-112919

SIGNATURE OF ARCHITECT / L.B.S.

PROJECT
PROPOSED LOWER GROUND + UPPER GROUND + 6TH STORED COMMERCIAL BUILDING.

TITLE

CORPORATION DRAWING

TYPICAL LAYOUT PLAN SCHEDULE AND DETAILS.

GREEN ARCHITECTURE CONSULTING ENGINEERS PVT. LTD.

F-0108 1ST FLOOR,
CITY CENTRE OFFICE BLOCK,
UTTARAYON TOWNSHIP,
SILIGURI- 734010

STRUCTURAL ENGINEERS
S.P.A. CONSULTANTS
34, RAM MOHAN DUTTA ROAD
KOLKATA - 700020. PHONE - 4757614/476733, FAX- 475-2484
E-Mail: spa@cal3.vsnl.net.in

DRAWN BY - TULASI	DESIGN BY - AVISEKH	CHECKED BY - DATE	SCALE
2023	83	01.06.2023	1:100, 25
JOB NO.	GREEN ARCH.	SPA	BALAJI NIRMAN
2023 / 83 / GREEN ARCH. / SPA / BALAJI NIRMAN / CS-03			

Signature of Engineer

VETTED

TYPICAL FLOOR LAYOUT PLAN