

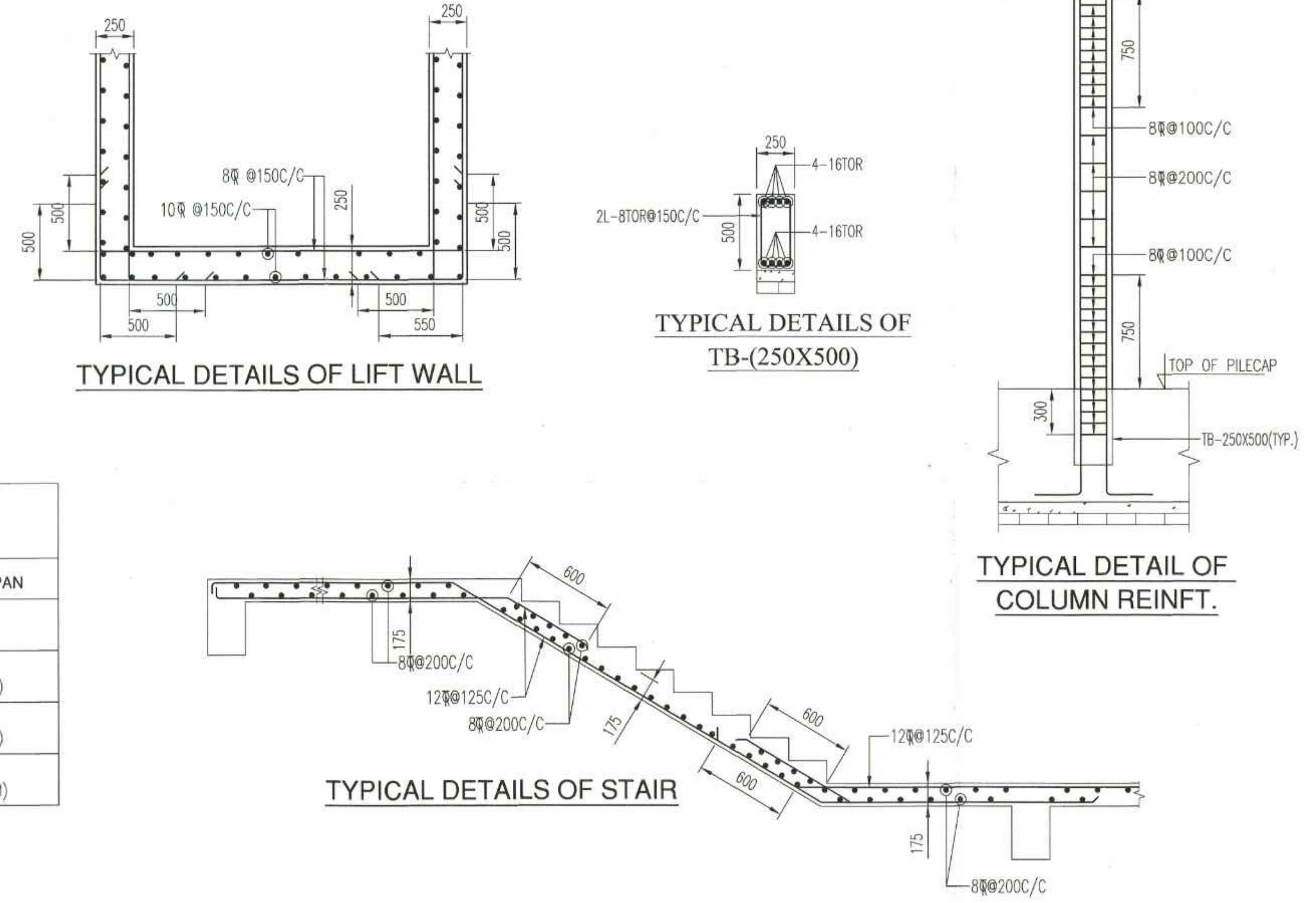


COLUMN SCHEDULE										
GRADE OF CONCRETE - M25										
8TH FLOOR TO ROOF	4-16#+12-12#	20-12#	8-16#+12-12#	10-20#+48-16#	10-16#+12-12#	4-16#+14-12#	26-12#	16-12#	10-16#+10-12#	4-16#+14-12#
6TH FLOOR TO 8TH FLOOR	16-16#	6-16#+14-12#	12-16#+8-12#	10-20#+48-16#	14-16#+8-12#	10-16#+8-12#	10-16#+16-12#	6-16#+10-12#	4-20#+16-16#	18-16#
2ND FLOOR TO 6TH FLOOR	4-20#+12-16#	4-20#+16-16#	8-20#+12-16#	10-20#+48-16#	10-20#+12-16#	8-20#+10-16#	6-20#+20-16#	16-16#	6-20#+14-16#	18-16#
FOUNDATION TO 2ND FLOOR	16-20#	4-25#+16-20#	12-25#+8-20#	10-20#+48-16#	14-25#+8-20#	8-25#+10-20#	8-25#+16-20#	16-20#	6-25#+14-20#	18-20#
COL. SIZE	300X700	300X900	400X800	2800X300	450X800	400X700	300X800 UPTO 2ND FL. 300X700 REST	300X650	300X900	300X900
LINK	8# @100C/C & 8# @200C/C									
COL. MARKED	C1	C2	C3	C4	C5	C6	C7	C8	C9	C10

COLUMN SCHEDULE											
GRADE OF CONCRETE - M25											
8TH FLOOR TO ROOF	8-16#+10-12#	8-16#+10-12#	14-20#+18-16#	24-16#	8-20#+18-16#	10-16#+8-12#	8-16#+12-12#	8-16#+12-12#	16-20#+16-16#	10-16#+12-12#	10-16#+12-12#
6TH FLOOR TO 8TH FLOOR	18-16#	18-16#	14-20#+18-16#	24-16#	8-20#+18-16#	18-16#	20-16#	20-16#	16-20#+16-16#	22-16#	22-16#
2ND FLOOR TO 6TH FLOOR	18-16#	18-16#	14-20#+18-16#	24-16#	8-20#+18-16#	18-20#	20-16#	20-16#	16-20#+16-16#	22-16#	22-16#
FOUNDATION TO 2ND FLOOR	18-20#	26-25#	14-20#+18-16#	24-16#	8-20#+18-16#	8-25#+10-20#	8-20#+12-16#	8-20#+12-16#	16-20#+16-16#	22-20#	22-20#
COL. SIZE	350X700	400X1200 UPTO 1ST FL. REST 350X700	250X1815	250X1265	300X1250	350X800	300X950	300X975	300X1662	300X1090	300X1125
LINK	8# @100C/C & 8# @200C/C										
COL. MARKED	C11	C12	C13	C14	C15	C16	C17	C18	C19	C20	C21

GROUND FLOOR BEAM SCHEDULE						
GRADE OF CONCRETE - M25						
BEAM MKD	BEAM SIZE	REINFT. AT SUPPORT		REINFT. AT MID SPAN		STIRRUPS AT SUPPORT (0.3L)
		TOP	BOTTOM	TOP	BOTTOM	
GB1	200	5-20#	2-20#+1-20#	2-20#	3-20#+2-16#	2L-8# @100C/C
GB2	200	2-20#	2-20#	2-20#	2-20#+2-20#	2L-8# @100C/C
GB3	250	5-20#	2-20#+1-20#	2-20#	3-20#+2-16#	2L-8# @100C/C
GB4	400	6-25#	4-25#	4-25#	4-25#+3-25#	4L-10# @100C/C
GB5	400	4-25#	4-25#	4-25#	4-25#+3-25#	4L-8# @125C/C
GB6	500	6-25#	5-25#	5-25#	5-25#+3-25#	4L-10# @75C/C
GB7	400	4-25#+4-25#	4-25#+4-20#	4-25#+4-25#	4-25#+4-20#	4L-12# @100C/C
GB8	550	6-25#+3-25#	6-25#	6-25#	6-25#+3-25#	6L-10# @100C/C
GB9	400	4-25#	4-25#	4-25#	6-25#	4L-10# @100C/C

GROUND FLOOR SLAB SCHEDULE			
GRADE OF CONCRETE - M25			
SLAB MKD.	DEPTH	REINFT. AT SHORTER SPAN	REINFT. AT LONGER SPAN
S1	150	8# @150C/C (TOP) 8# @150C/C (BOTTOM)	8# @150C/C (TOP) 8# @150C/C (BOTTOM)
S2	150	10# @150C/C (TOP) 10# @150C/C (BOTTOM)	10# @200C/C (TOP) 10# @200C/C (BOTTOM)
S3	175	10# @150C/C (TOP) 10# @150C/C (BOTTOM)	10# @200C/C (TOP) 10# @200C/C (BOTTOM)
S4	225	12# @150C/C (TOP) 12# @150C/C (BOTTOM)	10# @150C/C (TOP) 10# @150C/C (BOTTOM)



NOTES:-

- ALL DIMENSIONS ARE IN MM. UNLESS OTHERWISE MENTIONED.
- SUPER STRUCTURE : ALL SUPER STRUCTURE BRICK WORK SHALL BE OF AAC BLOCKS
- ALL GRADE OF CONCRETE M25.
- ALL MATERIALS SHALL CONFORM TO RELEVANT I.S. CODES.
- FOR STEEL GRADE Fe 500 AS PER I.S 1786:2008.
- LAPS, SPLICES & 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. 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. PILE CAP	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, 2262, 2263, 2284, 1562, 2238, 2244, 2247, 2255

J.L. NO - 112
MUZZA - 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/WE HAVE GONE THROUGH THE RULES AND REGULATIONS FOR RELEVANT AUTHORITY AND ALSO UNDERTAKE TO ABIDE BY THESE RULES AND REGULATION DURING AND AFTER THE CONSTRUCTION OF BUILDING MAY I/WE APPOINT A L.B.S./OR TECHNICAL PERSON FOR THE SUPERVISION OF CONSTRUCTION.

1. *[Signature]*
2. *[Signature]*
3. *[Signature]*
4. *[Signature]*
5. *[Signature]*
6. *[Signature]*
7. *[Signature]*
8. *[Signature]*
9. *[Signature]*

ARJIT GHOSH
Architect
Regn. No. CA200127427

SIGN. OF THE OWNERS

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.

[Signature]
ARJIT GHOSH
Architect
Regn. 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 ME/US & WE WILL ENSURE THAT THE CONCRETE 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 I.S. CODE OF PRACTICE AND NATIONAL BUILDING CODE.

[Signature]
SANJIV J. KARKER
M.E. (STRUCTURAL & CONSULTING)
I.C.E. (REG-418103-3)
E.S.E. No. 104 (I) K.M.C.

SIGN. OF STRUCTURAL ENGINEER

[Signature]
SANJIV K. GUHA
BSC, BCE, P.E. (F-115654-5)
CHARTERED ENGINEER
REGISTERED STRUCTURAL
REVIEWER 8019 K.M.C.

SIGN. OF STRUCTURAL REVIEWER

CERTIFICATE OF GEOTECH ENGINEER

UNDESIGNED 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.

[Signature]
ALOK ROY
Engineer (Geotechnical Engineer)
Kolkata Municipal Corporation
Class. No. 16/111
6A, Milan Park
Kolkata-700 054

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: +91-9810342182

OWNERS:

- MRS. SANJAY CHITLANGIA
- MRS. SUMAN CHITLANGIA
- MRS. SUNNY CHITLANGIA
- MRS. MILI SAHA
- MRS. SONALI SAHA
- MRS. KRITIKA SAMDA
- MRS. KRISHNENDU NARAYAN CHOUDHURY
- MRS. DIVYENDRA NARAYAN CHOUDHURY
- MRS. ARINDORA NARAYAN CHOUDHURY

PROJECT TITLE:
PROPOSED BASEMENT + GR./STILT + 11 STORED
RESIDENTIAL BUILDING NEAR SETU MORE , MUZZA-
NITYANANDAPUR
DIST: MALDA , WEST BENGAL

VETTED
[Signature]
Dr. Dipankar Majumdar
Assistant Professor
Department of Construction Engineering
Jadavpur University

TITLE
STRUCTURAL CORPORATION DRAWING
GROUND FLOOR LAYOUT & COLUMN SCHEDULE

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

DRAWN BY	CHECKED BY	DATE	SCALE
Bidhu Sarajit	Nilabja	01.08.2024	1:100, 25
JOB NO.	2024	62	ARJIT GHOSH SPA MALDA SETU MORE
DRG. NO.	2024	ARJIT GHOSH SPA MALDA SETU MORE CS-02	

GROUND FLOOR BEAM LAYOUT