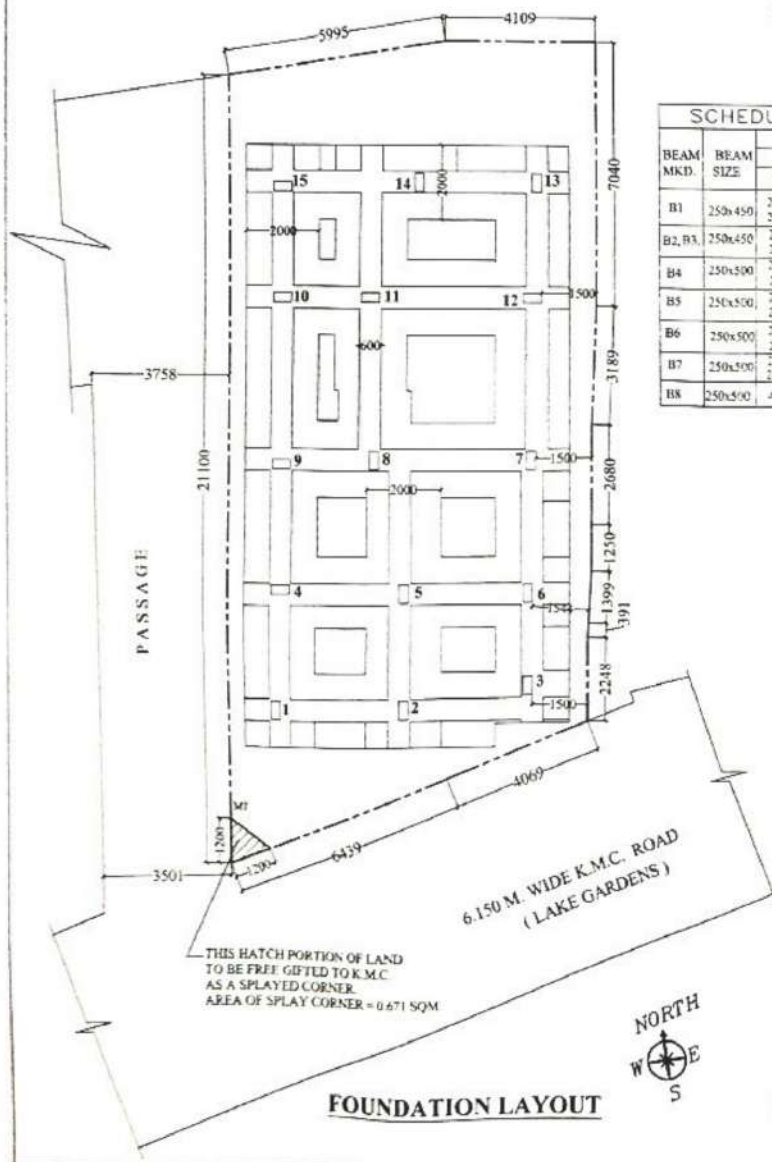
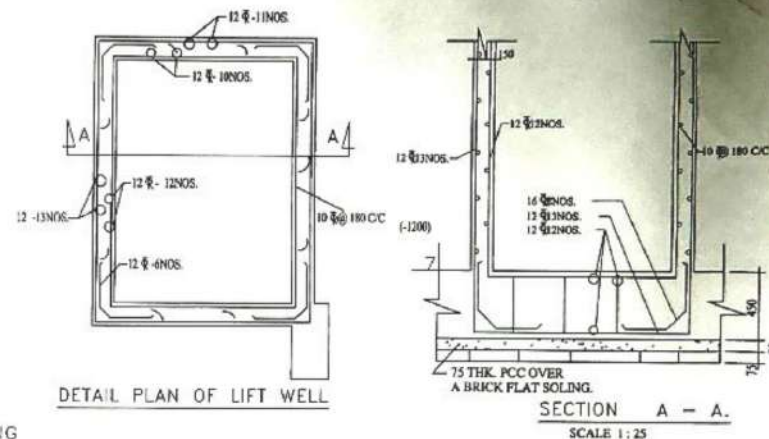


PLATE LOAD TEST IS COMPULSORY AT SITE AFTER GROUND IMPROVEMENT BY TIMBER PILES ALONG WITH SAND CUSHION HAVE BEEN DONE. THE SAFE BEARING CAPACITY HAVE TO BE DETERMINED BY USING PLATE LOAD TEST BEFORE DESIGNING THE STRUCTURE. SITE SUPPORT IS NECESSARY AT THE TIME OF EXCAVATION.

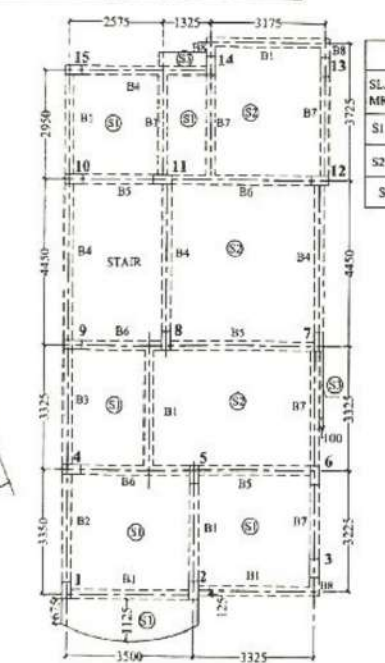
- 1) 25 MM FOR END BARS
- 2) 100 MM FOR BOTTOM BARS OF PILE CAPS.
- 3) 40 MM FOR COLUMNS.
- 4) 40 D FOR COLUMN BOND LENGTH.



SCHEDULE OF BEAM						
BEAM MKD.	BEAM SIZE	REINFORCEMENTS				
		SUPPORT		SPAN		STIRRUPS
		TOP	BOTTOM	TOP	BOTTOM	
B1	250x450	2-16 2-12	2-16	2-16	2-16 2-16	8@150 CC
B2, B3	250x450	2-16 2-12	2-16	2-16	2-16 2-12	8@150 CC
B4	250x500	2-20 2-16	2-20 2-16	2-20 2-16	2-20 2-16	8@150 CC
B5	250x500	2-16 2-16	2-16	2-16	2-16 2-16	8@150 CC
B6	250x500	2-20 2-20	2-20 2-20	2-20 2-20	2-20 2-20	8@150 CC
B7	250x500	2-20 2-16	2-16	2-16	2-20 2-16	8@150 CC
B8	250x500	2-20	4-20	4-20	4-20	8@100 CC

SCHEDULE OF COLUMN			
COLUMN MKD.	COLUMN SIZE & REINFORCEMENTS (G.F.L. TO 2ND FL.)	COLUMN SIZE & REINFORCEMENTS (2ND FL. TO ROOF)	LINKS 4 LEGGED
1,15,	250 x 450 8-16 4	250 x 400 6-16 4	8圈 @ 150 C
2,4,6,7,	250 x 500 6-16 4 + 2-20 4	250 x 500 8-16 4	8圈 @ 150 C
3,13,14,	250 x 500 8-20 4	250 x 500 6-20 4	8圈 @ 150 C
5,8,9,10,11	250 x 500 6-20 4 2-16 4	250x450 8-16 4	8圈 @ 150 C
12	250 x 500 6-20 4 2-16 4	250x500 8-16 4	8圈 @ 150 C

SCHEDULE OF SLAB				
SLAB MKD	SLAB THICKNESS	SHORT SPAN	LONG SPAN	EXTRA TO
S1	115	8 @ 150 C/C	8 @ 150 C/C	8 @ 150 C/C
S2	115	8 @ 125 C/C	8 @ 125 C/C	8 @ 125 C/C
S3	120	10 @ 125 C/C	10 @ 125 C/C	10 @ 125 C/C



**TYPICAL FLOOR COLUMN, BEAM
& SLAB LAY OUT PLAN**

THE STRUCTURAL DESIGN & DRAWING OF BOTH FOUNDATION & SUPER STRUCTURE OF THE BUILDING HAS BEEN MADE BY ME CONSIDERING ALL POSSIBLE LOADS INCLUDING THE SEISMIC & WIND LOAD AS PER THE N.B.C. OF INDIA & CERTIFIED THAT IT IS SAFE & STABLE IN ALL RESPECTS AND ON THE BASIS OF SOIL TEST DONE BY RUPAK K. BANERJEE, FOR M/S. GEO STAR, SO, CHIT KALIDAKUR, P.O. - MUKUNDOPUR, P.S. - EAST JADAVPUR, KOLKATA-700 099.

T3. Ch 24

Babul Chaudhury
B.E. (Civil), M.E. MASCE (Ind.), M.I. Struct E
(Ind.) Valuer, M.I.E., Chartered Engineer,
LBS Class I & Empowered Structural Engineer
Calcutta Municipal Corporation
LBS 741st & FSE-1103
1326, Mahanad Saha Sarani
Kolkata-700 019

SIGNATURE OF
STRUCT. ENGINEER
BABUL CHOUDHURY, E.S.E 1/102

CERTIFICATE OF L.B.S.

(CERTIFIED ON THE PLAN ITSELF WITH FULL RESPONSIBILITY THAT THE BUILDING PLAN HAS BEEN DRAWN UP AS PER PROVISION OF K.M.C. BUILDING RULE 2009 AS AMENDED FROM TIME TO TIME & THAT THE SITE CONDITIONS INCLUDING THE WIDTH OF ABUTTING ROAD CONFORM WITH THE PLAN & THAT IT IS A BUILDABLE SITE NOT A TANK OR FILLED UP TANK. THE PLOT WITH EXISTING STRUCTURE IS BOUNDED BY BOUNDARY WALL & THE BOUNDARY MEASUREMENT AGREED WITH THE REG. BOUNDARY DECLARATION.

13 June 24

Babul Chaudhury
BE (Civil) MIE, M.ASCE (Ind), M.I. Struct. E.
(Ind) Valuer, M.I.E., Chartered Engineer,
L.B.S. Class 1 & Empowered Structural Engineer
Delhi Metro Municipal Corporation
LBS-74111 & ESE-1103
132B, Marginal Saha Sarani
Kolkata, 700 029

SIGNATURE OF L.H.S.

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.

THE SOIL TEST DONE BY RUPAK KR. BANERJEE, FOR M/S. GEO STAR, 50, CHIT KALDIKAPUR, P.O. - MUKUNDINIPUR, P.S. - EAST JADAVPUR, KOLKATA-700 099.

Rupak Kumar Barneji

RUPAK KUMAR BANERJEE
B.C.E., M.E., MGS., M.I.R.
G. T./US (K.M.C.), BANGLO-TECH-UGBS
019/SLP SONG, T2014-13, GTER-HOCCO/0900018
E.G.T., (1/14 O.M.C.), BNCI, UGDS-UGBS

SIGNATURE OF GEO. TECHNICAL
ENGINEER

RUPAK KR. BANERJEE, G.T. 13 (K.M.C.)

CERTIFICATE OF OWNER

I DO HEREBY DECLARE WITH FULL RESPONSIBILITY THAT I SHALL ENGAGE L.B.S. & E.S.E. DURING CONSTRUCTION. I SHALL FOLLOW THE INSTRUCTION OF L.B.S. & E.S.E. DURING CONSTRUCTION OF THE BUILDING (AS PER PLAN). K.M.C. AUTHORITY WILL NOT BE RESPONSIBLE FOR STRUCTURAL STABILITY OF THE BUILDING. IF ANY SUBMITTED DOCUMENT ARE FAKE, THE K.M.C. AUTHORITY WILL REVOKE THE SANCTION PLAN AT ANY STAGE. THE CONSTRUCTION OF S.U.G.W.R & SEPTIC TANK TAKING UNDER THE GUIDANCE OF L.B.S. & E.S.E. BEFORE STARTING OF BUILDING FOUNDATION THE PLOT WAS IN THE POSSESSION OF ME DURING CONSTRUCTION. THERE IS NO TENANT. THERE IS NO COURT CASE PENDING AGAINST THIS PREMISES.

For SRL TEJOMOY BASU

SRIVIDHYA MURTHY
Proprietor, SVL DEVELOPERS
Const. No. 100, PAF, 10th Floor, 10th Avenue,
SRIVIDHYA MURTHY
C.A. of SVL DEVELOPERS

- 1 ALL DIMENSIONS ARE IN MM (UNLESS OTHERWISE MENTIONED)
- 2 FOR ALL EXTERNAL WALL CEMENT MORTAR WILL BE IN RATIO OF 1:6 & 1:4 FOR PARTITION WALLS
- 3 ALL EXTERNAL WALLS ARE 200 THK. & ALL PARTITION WALLS ARE 75 THK. & 125 THK
- 4 GRADE OF CONCRETE WILL BE : M20
- 5 GRADE OF STEEL WILL BE : Fe415

PROPOSED G+III STORIED RESIDENTIAL BUILDING
U/S-393A OF K.M.C ACT 1980 OF BUILDING RULE 2009
AT PRE. NO. 218, LAKE GARDENS, WARD NO. - 93 ,
BOROUGH - X , P.S. - LAKE GARDENS,
KOLKATA - 700 045.

Drawn by Pampra Saha	Checked by B Chaudhury	Approved by - Date B CHAUDHURY - 10/09/23	Filename 218-6-6-A2	Date 15/09/23	Scale 1:100, 50:25
 (Pram Consulting Engineers) 132B, Meghad Saha Sarani Krikata 700 029		STRUCTURAL PLAN 218- LAKE GARDENS			
			Revision	Sheet	