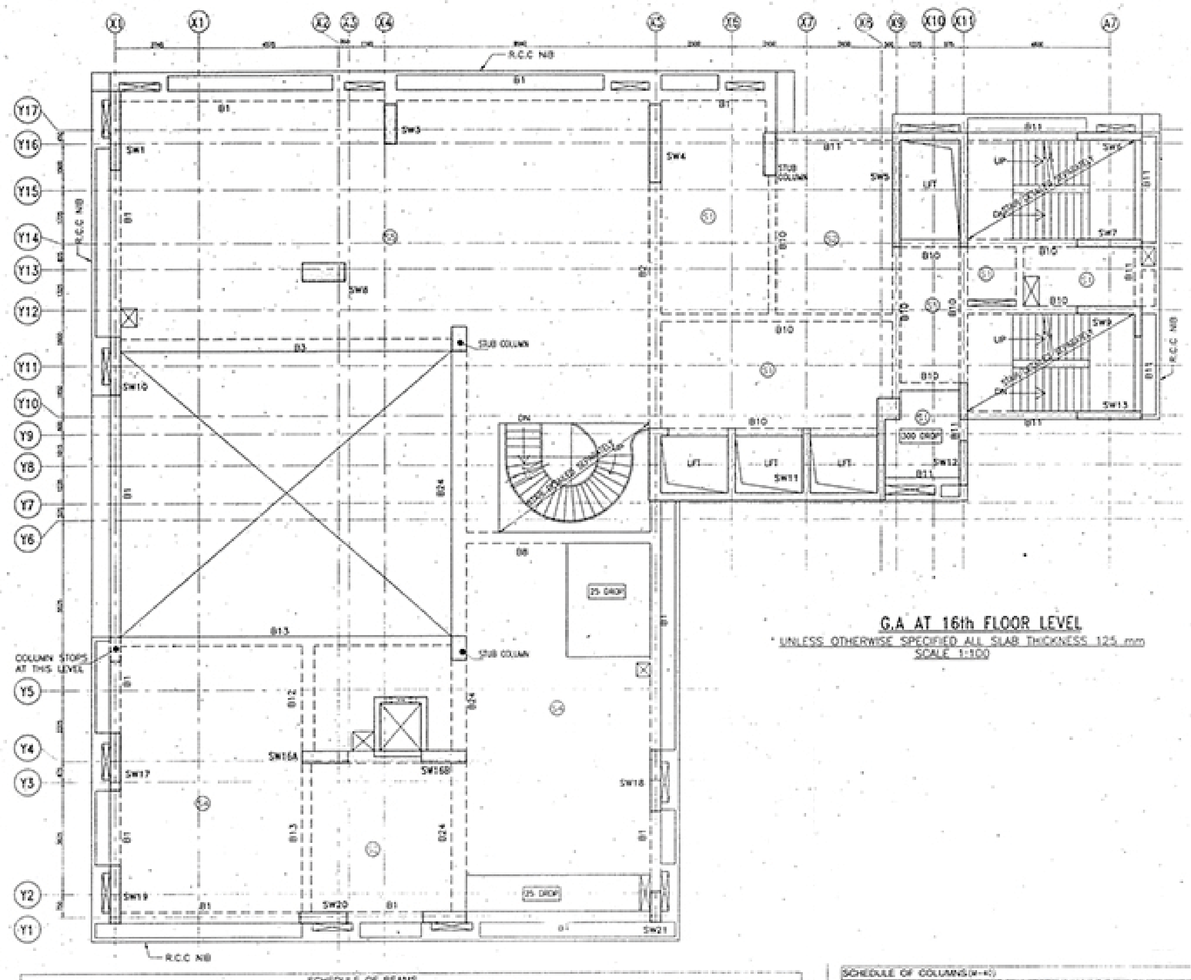
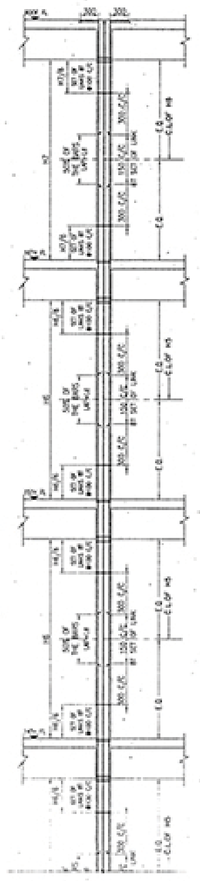


G.A AT 16th FLOOR LEVEL

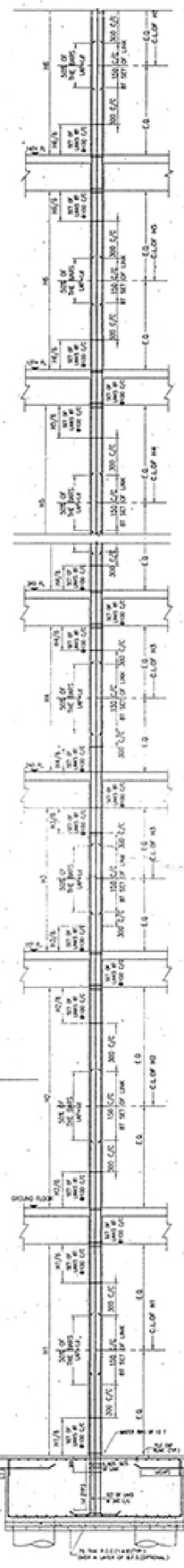
* UNLESS OTHERWISE SPECIFIED ALL SLAB THICKNESS 125 mm

SCALE 1:100



TYPICAL DET. OF COLUMN

SCALE1:50



TYPICAL DET. OF COLUMN

SCALE1:50

SCHEDULE OF BEAMS

BEAM MKD	BEAM SIZE	BEAM REINFORCEMENT: END SUPPT (T)	END SUPPT (B)	MID SPAN (T)	MID SPAN (B)	CONT. SUPPT (T)	CONT. SUPPT (B)	CANT. END (T)	CANT. END (B)	STIRRUPS: UPTO L/3 FROM SUPPT.	STIRRUPS: MID SPAN
B1	350x750	3-25T(1ST LAYER)+ 2-25T(2ND LAYER)	5-25T	3-25T	3-25T(1ST LAYER)+ 2-25T(2ND LAYER)	3-25T(1ST LAYER)+ 2-25T(2ND LAYER)	3-25T			2L-10TH@300C/C	2L-10TH@300C/C
B2	400x600	3-25T(1ST LAYER)+ 2-25T(2ND LAYER)	5-25T	3-25T	3-25T(1ST LAYER)+ 2-25T(2ND LAYER)	3-25T(1ST LAYER)+ 2-25T(2ND LAYER)	3-25T			2L-10TH@100C/C	2L-10TH@280C/C
B3	400x600	3-25T(1ST LAYER)+ 2-25T(2ND LAYER)	5-25T	3-25T	3-25T(1ST LAYER)+ 2-25T(2ND LAYER)	3-25T(1ST LAYER)+ 2-25T(2ND LAYER)	3-25T			2L-10TH@100C/C	2L-10TH@280C/C
B4	400x400	3-25T	2-25T	2-25T	3-25T	3-25T	2-25T			2L-10TH@100C/C	2L-10TH@300C/C
B5	400x450	3-25T	2-25T	2-25T	3-25T	3-25T	2-25T			2L-10TH@100C/C	2L-10TH@300C/C
B6	650x600	5-25T	5-25T	5-25T	5-25T	5-25T	5-25T			2L-10TH@140C/C	2L-10TH@280C/C
B7	400x1200	3-25T(1ST LAYER)+ 2-25T(2ND LAYER)	5-25T	3-25T	3-25T(1ST LAYER)+ 2-25T(2ND LAYER)	3-25T(1ST LAYER)+ 2-25T(2ND LAYER)	3-25T			4L-10TH@300C/C	4L-10TH@300C/C
B8	350x600	3-25T(1ST LAYER)+ 2-25T(2ND LAYER)	5-25T	3-25T	3-25T(1ST LAYER)+ 2-25T(2ND LAYER)	3-25T(1ST LAYER)+ 2-25T(2ND LAYER)	3-25T			2L-10TH@100C/C	2L-10TH@300C/C
B9	400x450	3-25T	2-25T	2-25T	3-25T	3-25T	2-25T			2L-10TH@100C/C	2L-10TH@300C/C
B10	250x600	2-25T	3-25T	3-25T	2-25T	3-25T	2-25T			2L-10TH@140C/C	2L-10TH@300C/C
B11	250x750	2-25T	3-25T	3-25T	2-25T	2-25T	2-25T			2L-10TH@175C/C	2L-10TH@300C/C
B12	1400x2400	11-32T(1ST LAYER)+ 11-32T(2ND LAYER)	11-32T	11-32T	11-32T(1ST LAYER)+ 11-32T(2ND LAYER)	11-32T(1ST LAYER)+ 11-32T(2ND LAYER)	11-32T			8L-12TH@100C/C	8L-12TH@280C/C
B13	300x600	3-25T(1ST LAYER)+ 2-25T(2ND LAYER)	5-25T	3-25T	3-25T(1ST LAYER)+ 2-25T(2ND LAYER)	3-25T(1ST LAYER)+ 2-25T(2ND LAYER)	3-25T			2L-10TH@140C/C	2L-10TH@280C/C
B14	300x600	3-25T(1ST LAYER)+ 2-25T(2ND LAYER)	5-25T	3-25T	3-25T(1ST LAYER)+ 2-25T(2ND LAYER)	3-25T(1ST LAYER)+ 2-25T(2ND LAYER)	3-25T			2L-10TH@140C/C	2L-10TH@300C/C
B15	500x750	5-25T	5-25T	5-25T	5-25T	5-25T	5-25T			4L-10TH@175C/C	4L-10TH@300C/C
B16	350x1200	3-25T	5-25T	5-25T	3-25T	3-25T	3-25T			2L-10TH@300C/C	2L-10TH@300C/C
B17	600x1000	5-25T(1ST LAYER)+ 5-25T(2ND LAYER)	5-25T	5-25T	5-25T(1ST LAYER)+ 5-25T(2ND LAYER)	5-25T(1ST LAYER)+ 5-25T(2ND LAYER)	5-25T			4L-10TH@200C/C	4L-10TH@300C/C
B18	250x1200	2-25T(1ST LAYER)+ 2-25T(2ND LAYER)	3-25T	2-25T	3-25T(1ST LAYER)+ 2-25T(2ND LAYER)	3-25T(1ST LAYER)+ 2-25T(2ND LAYER)	2-25T			2L-10TH@300C/C	2L-10TH@300C/C
B19	400x1200	3-25T(1ST LAYER)+ 2-25T(2ND LAYER)	3-25T	3-25T	3-25T(1ST LAYER)+ 2-25T(2ND LAYER)	3-25T(1ST LAYER)+ 2-25T(2ND LAYER)	3-25T			3L-10TH@300C/C	3L-10TH@300C/C
B20	1400x650	3-25T(1ST LAYER)+ 2-25T(2ND LAYER)	3-25T	3-25T	3-25T(1ST LAYER)+ 2-25T(2ND LAYER)	3-25T(1ST LAYER)+ 2-25T(2ND LAYER)	3-25T			3L-10TH@140C/C	3L-10TH@280C/C
B21	750x600	5-25T(1ST LAYER)+ 5-25T(2ND LAYER)	5-25T	5-25T	5-25T(1ST LAYER)+ 5-25T(2ND LAYER)	5-25T(1ST LAYER)+ 5-25T(2ND LAYER)	5-25T			4L-10TH@140C/C	4L-10TH@280C/C
B22	350x600	3-25T(1ST LAYER)+ 2-25T(2ND LAYER)	3-25T	3-25T	3-25T(1ST LAYER)+ 2-25T(2ND LAYER)	3-25T(1ST LAYER)+ 2-25T(2ND LAYER)	3-25T			2L-10TH@140C/C	2L-10TH@280C/C
B23	300x600	3-25T(1ST LAYER)+ 2-25T(2ND LAYER)	3-25T	3-25T	3-25T(1ST LAYER)+ 2-25T(2ND LAYER)	3-25T(1ST LAYER)+ 2-25T(2ND LAYER)	3-25T			2L-10TH@140C/C	2L-10TH@280C/C
B24	500x600	3-25T(1ST LAYER)+ 2-25T(2ND LAYER)	3-25T	3-25T	3-25T(1ST LAYER)+ 2-25T(2ND LAYER)	3-25T(1ST LAYER)+ 2-25T(2ND LAYER)	3-25T			4L-10TH@200C/C	4L-10TH@280C/C
B25	400x750	3-25T(1ST LAYER)+ 2-25T(2ND LAYER)	3-25T	3-25T	3-25T(1ST LAYER)+ 2-25T(2ND LAYER)	3-25T(1ST LAYER)+ 2-25T(2ND LAYER)	3-25T			2L-10TH@175C/C	2L-10TH@300C/C

SCHEDULE OF COLUMNS(M-42)

ROOF TO 15TH FLOOR	6#-10T	4#-10T	2#-10T	7#-10T	3#-10T	9#-10T	5#-10T	4#-10T	4#-10T		4#-10T	4#-10T	5#-10T	2L-10T
COL. SIZE	350X600	400X1050	400X1300	400X2050	250X2150	450X1900	250X1900/2150	250X1900	250X1900 & 250X1200	—	400X1500	350X1000	250X2200	350X1000
15TH FLOOR TO 11TH FLOOR	6#-12T	4#-12T	6#-12T	7#-12T	3#-12T	9#-12T	5#-12T	4#-12T	4#-12T		4#-12T	4#-12T	5#-12T	2L-16T
COL. SIZE	350X600	400X1050	400X1300	400X2050	250X2150	450X2100	250X1900/2150	250X1900	250X1900 & 250X1200	—	400X1500	350X1000	250X2200	350X1000
10TH FLOOR TO 1ST. FLOOR	6#-16T	4#-16T	6#-16T	7#-16T	3#-16T	9#-16T	5#-16T	4#-16T	4#-16T		4#-16T	4#-16T	5#-16T	2L-20T
COL. SIZE	350X600	400X1050	400X1300	400X2050	250X2150	450X2100	250X1900/2150	250X1900	250X1900 & 250X1200	—	400X1500	350X1000	250X2200	350X1000
1ST. FLOOR TO GR. FLOOR	6#-20T	4#-20T	6#-20T	7#-20T	3#-20T	9#-20T	5#-20T	4#-20T	4#-20T	16D-20T		4#-20T	5#-20T	2L-20T
COL. SIZE	350X600	400X1050	400X1300	400X2050	250X2150	450X2100	250X1900/2150	250X1900	250X1900 & 250X1200	8/400X1575	—	350X1000	250X2200	
GR. FLOOR TO FOUNDATION	6#-20T	8#-20T	6#-20T	7#-20T	3#-20T	9#-20T	5#-20T	4#-20T	4#-20T	16D-20T		4#-20T	5#-20T	2L-20T
COL. SIZE	350X2900	400X1400/1650	400X2600	400X2050	250X2150	450X2100	250X1900/2150	250X1900	250X1900 & 250X1200	400X1500	—	350X1000	250X2200	350X1000
LEVEL / COLUMN MKD.	SW1	SW2	SW3	SW4	SW5,SW7 SW13	SW6	SW9	SW10 SW14	SW12	SW16	SW16A,SW16B	SW17,SW19	SW18	SW21

SCHEDULE OF SLABS

SLAB MKD	SLAB THICKNESS	SHORTER DIR. SUPPORT	SHORTER DIR. MID SPAN	LONGER DIR. SUPPORT	LONGER DIR. MID SPAN	DISTRIBUTION BAR
S1	125	10T @ 150 C/C	10T @ 200 C/C	10T @ 150 C/C	10T @ 200 C/C	8T @ 300 C/C
S2	150	10T @ 150 C/C	10T @ 200 C/C	10T @ 150 C/C	10T @ 200 C/C	8T @ 300 C/C
S3	200	10T @ 125 C/C	10T @ 150 C/C	10T @ 125 C/C	10T @ 150 C/C	8T @ 200 C/C
S4	200	12T @ 200 C/C	12T @ 200 C/C	12T @ 200 C/C	12T @ 200 C/C	8T @ 300 C/C
S5	225	12T @ 200 C/C	12T @ 200 C/C	12T @ 200 C/C	12T @ 200 C/C	8T @ 300 C/C
S6	250	10T @ 125 C/C	10T @ 150 C/C	10T @ 125 C/C	10T @ 150 C/C	8T @ 200 C/C
S7	350THK	16T @ 200 C/C	16T @ 200 C/C	16T @ 200 C/C	16T @ 200 C/C	10T@ 200 C/C
S8	150	10T @ 150 C/C	10T @ 200 C/C	10T @ 150 C/C	10T @ 200 C/C	8T @ 300 C/C

Notes:–

1. All dimensions are in millimeters.
2. All levels are in meters.
3. The drawing shall be read, not scaled either in part or in full.
4. This drawing is read in conjunction with relevant architectural, structural and all services drawings.
5. Any discrepancy, if so, shall be immediately brought to the notice of the Consultants before start of construction work.
6. The drawing shall be used for the purpose issued and shall not be used for any other purpose without the written consent from the Consultants.
7. Only written dimension to follow.

I DO HEREBY UNDER TAKE WITH FULL RESPONSIBILITY:–

1. I SHALL ENGAGE ARCHITECT & E.S.E. DURING CONSTRUCTION.
2. I SHALL FOLLOW THE INSTRUCTION OF ARCHITECT & E.S.E. DURING CONSTRUCTION OF THE BUILDING. (AS PER B.S. PLAN.)
3. MUNICIPAL CORPORATION AUTHORITY WILL NOT BE RESPONSIBLE FOR THE STRUCTURAL STABILITY OF THE BUILDING & ADJOINING STRUCTURE.
4. IF ANY SUBMITTED DOCUMENTS ARE FOUND TO BE FAKE THE K.M.C. AUTHORITY WILL REVOKE THE SANCTION PLAN.
5. THE CONSTRUCTION OF UNDERGROUND WATER RESERVOIR WILL BE UNDER THE GUIDANCE OF ARCHITECT/E.S.E. BEFORE STARTING OF BUILDING FOUNDATION WORK.

Constitute Attorney

SIGNATURE OF OWNERS

For Ma Kali Properties P. Ltd. For Neel Kamal Housing P. Ltd. For Trishul Binimoy P. Ltd. For Vinayak Binimoy P. Ltd. For Vinayak Plaza Makers P. Ltd For Yamuna Binimoy P. Ltd. For Yogamaya Binimoy P. Ltd. For Yogsiddhi Binimoy P. Ltd. For Angira Housing Complex P. Ltd For Balaji Housing Complex P. Ltd. For Bima Properties P. Ltd. For Crystal Properties P. Ltd. For K.S. Marketing P. Ltd. For Mukul Housing P. Ltd. For Yogamaya Binimoy P. Ltd. For Pioneer Land & Building Developers P. Ltd For Shree Biharjee Properties P. Ltd.

CERTIFICATE OF STRUCTURAL ENGINEER

THE STRUCTURAL DESIGN & DRAWING OF THE BOTH FOUNDATION & SUPERSTRUCTURES OF THE BUILDING HAVE BEEN MADE BY ME CONSIDERING ALL THE POSSIBLE LOADS INCLUDING THE SEISMIC LOAD AS PER THE NATIONAL BUILDING CODE OF INDIA & CERTIFY THAT IT IS SAFE AND STABLE IN ALL RESPECT.

THE STRUCTURAL DESIGN HAVE BEEN DONE CONSIDERING THE SOIL INVESTIGATION REPORT PREPARED BY M/S. C.E.TESTING COMPANY PVT. LIMITED, 124A, N.S.C. BOSE ROAD, KOLKATA–700092 & SIGNED BY DR. M. NAYAK.

UTPAL SANTRA
B.C.E.(M.C.E.(STRUCT.)
F.I.E.-F1212605
KMC Empanelled Structural Engineer
Council, E.S.E. No. S/58

SIGNATURE OF THE STRUCTURAL ENGINEER

M. K. ROY
B.C.E. (Jadavpur) M.Sc. TECH. (Manchester, U.K.)
A.M.C.S.T.C. ENG. M. I. STRUCT. E. (London)
Membership No. 32108900
KMC Empanelled Structural Engineer,
Class-I, E.S.E. No.

SIGNATURE OF THE STRUCTURAL REVIEWER

CERTIFICATE OF ARCHITECT

I CERTIFY THAT ALL THE ARCHITECTURAL DRAWINGS OF THE PROJECT AT PREMISES NO –5A/1C, LORD SINHA ROAD, WARD NO. – 63, BOROUGH – VII, KOLKATA – 700071, HAVE BEEN PREPARED BY ME COMPLYING WITH KOLKATA MUNICIPAL CORPORATION BUILDING RULES 2009. I ALSO CERTIFY THAT THE PLANS AND DRAWINGS PREPARED BY ME COMPLY WITH ALL PROVISIONS REGARDING THE FIRE PROTECTION AS PER THE PREVAILING NATIONAL BUILDING CODE. I SHALL BE HELD RESPONSIBLE IF ANY INCORRECT INFORMATION IS FURNISHED BY ME OR ANY VIOLATION OF THE PROVISION OF THESE RULES OR THE PREVAILING NATIONAL BUILDING CODE IS FOUND IN ANY OF THE DRAWINGS AND DOCUMENTS, SIGNED BY ME AND SUBMITTED TO THE SANCTIONING AUTHORITY FOR OBTAINING SANCTION. THE CONSTRUCTION OF U.G.W.R. WILL BE COMPLETED UNDER GUIDANCE OF ARCHITECT AND E.S.E. THE EXISTING STRUCTURE WILL BE DEMOLISHED BEFORE COMMENCEMENT OF THE NEW CONSTRUCTION. EXISTING BUILDING IS FULLY OCCUPIED BY OWNER AND TENANT.

AMRRAN BANSHI
Architect
Council of Architecture
CA/2001/27297

AMRRAN BANSHI

IT IS CERTIFIED THAT THE COMPREHENSIVE GEO INVESTIGATION HAS BEEN PREPARED BY ME FOR DESIGN AND CALCULATION OF THE FOUNDATION BY ANALYZING THE SOIL SAMPLE FOR ESTIMATING THE BEARING CAPACITY OF THE SOIL ON WHICH FOUNDATION OF THE STRUCTURE WILL BE CONSTRUCTED. I SHALL ALSO CHECK THE NATURE OF THE SOIL AFTER EXCAVATION AT SITE SO THAT FOUNDATION IS EXTENDED UP TO APPROPRIATE DEPTH THAT HAS BEEN PROPOSED IN THE TECHNICAL REPORT.

For C. E. Testing Company Pvt. Ltd.
Geotechnical Consultant

Dr. M. Nayak, MD
SIGNATURE & SEAL OF THE GEOTECHNICAL ENGINEER

Project

PROPOSED B+G+XVI STORIED RESIDENTIAL BUILDING AT PREMISES NO. 5A/1C, LORD SINHA ROAD, WARD NO.–63, BOROUGH–VII, KOLKATA – 700071, U/S 393 OF THE KMC ACT 1980 ALONGWITH U/R 142 OF K.M.C. BUILDING RULES 2009, UNDER KOLKATA MUNICIPAL CORPORATION

Architect and Structural Consultant :–

M.N. Consultants One Design Solutions
MNC House,
1516, Rajdanga Main Road,
Kolkata - 700107.

Client

MA KALI PROPERTIES PRIVATE LIMITED & OTHERS

Drawing Title

G.A AT 16TH FLOOR LEVEL
TYPICAL SECTION OF COLUMN & STAIR-CASE.

Scale	Date
AS SHOWN-	17.05.17

Drawn By
PRIYA

☐ Design Development ☐ Construction Dwg Dev. ☐ As Built Dwg
☐ Tender Drawings ☐ Construction Dwg ■ CORPORATION

File Name

JOB NO.	Drawing No.	Revision No.
1705	LORD SINHA-CORP-S20-00-03	R0