

PROJECT NAME :-
PROPOSED G+III STORIED APARTMENT
RESIDENTIAL BUILDING AT PREMISES NO: 71
SRIJANI, KOLKATA - 700104, DISTRICT: SOUTH
24 PARGANAS P.S. - THAKURPUKUR, WARD NO
- 143, BOROUGH - XVI MOUJA: KALUA, J.L. NO: 22, R.S.
DAG NO: 285, R.S. KHATIYAN NO: 241,
L.R. DAG NO: 431, L.R. KHATIYAN NO: 7128 & 7129

- NOTES**
- ALL DIMENSIONS ARE IN MM EXCEPT NOTED
 - GRADE OF CONCRETE M25
 - GRADE OF STEEL Fe500 D
 - CLEAR COVER TO MAIN REINFORCEMENT
 - i) COLUMN - 40
 - ii) BEAM - 25
 - iii) SLAB - 20
 - ALL LAPS ARE TO BE 50X DIA & ARE STAGGERED

TITLE
 TYPICAL FLOOR BEAM LAYOUT PLAN,
 BEAM, SLAB SCHEDULE & SECTIONAL DETAILS

NORTH-

DECLARATION OF THE OWNERS:-

WE DO HEREBY DECLARE WITH FULL RESPONSIBILITY THAT WE SHALL ENGAGE L.B.S ARCHITECT & E.S.E. DURING CONSTRUCTION. WE SHALL FOLLOW THE INSTRUCTIONS OF L.B.S ARCHITECT & E.S.E. DURING CONSTRUCTION OF THE BUILDING AS PER PLAN. M.C. AUTHORITY WILL NOT BE RESPONSIBLE FOR STRUCTURAL STABILITY OF THE BUILDING & ADDITIONAL STRUCTURES IF ANY SUBMITTED DOCUMENTS ARE FOUND TO BE FAKE. THE M.C. AUTHORITY WILL REVOKE THE SANCTION PLAN THE CONSTRUCTION OF WATER RESERVOIR & SEPTIC TANK. WE WILL UNDERTAKE UNDER THE GUIDANCE OF E.S.E. L.B.S. BEFORE STARTING OF BUILDING FOUNDATION WORK. IF IT IS A BUILDABLE SITE & NOT A TANK OR FILLED UP TANK. PLOT IS IDENTIFIED BY ME.

Sojan Saha
SOJAN SAHA
 Registered Architect
 Reg. No. CA/2012/56480

SIGNATURE OF OWNERS
CERTIFICATE OF THE ARCHITECT:

I DO CERTIFY WITH FULL RESPONSIBILITY THAT THE BUILDING PLAN HAS BEEN DRAWN UP AS PER PROVISION OF M.C. BUILDING RULE 2006 AS AMENDED FROM TIME TO TIME & THAT THE SITE CONDITIONS INCLUDING THE WIDTH OF ADJUTING ROAD CONFORM WITH THE PLAN & WHICH HAS BEEN MEASURED AND VERIFIED BY ME. IT IS A BUILDABLE SITE & NOT A TANK OR FILLED UP TANK. THE LAND IS DEMARCATED BY BOUNDARY WALL. THE CONSTRUCTION OF S.U.G. WATER TANK & SEPTIC TANK WILL BE COMPLETED BEFORE STARTING OF BUILDING FOUNDATION WORK. SIGNATURE OF THE OWNER/APPLICANT IS AUTHENTICATED BY ME.

SIGNATURE OF ARCHITECT

CERTIFICATE OF THE STRUCTURAL ENGINEER:

CERTIFIED THAT THE STRUCTURAL DRAWING AND DESIGN OF BOTH THE FOUNDATION AND SUPERSTRUCTURE OF THE BUILDING HAS BEEN MADE CONSIDERING ALL POSSIBLE LOADS INCLUDING SEISMIC LOAD AND THE MOMENTS GENERATED BY THE PROPOSED STRUCTURE AS PER THE BUREAU OF INDIAN STANDARDS AND NATIONAL BUILDING CODE OF INDIA AND CERTIFIED THAT IT IS SAFE & STABLE IN ALL RESPECT AND THESE PROVISIONS SHALL BE ADHERED TO DURING THE CONSTRUCTION.

Bibek Bikash Mullick
BIBEK BIKASH MULLICK
 E.S.E.-1/75
 KOLKATA MUNICIPAL CORPORATION

SIGNATURE OF STRUCTURAL ENGINEER

CERTIFICATE OF THE GEO-TECHNICAL ENGINEER:

IT IS CERTIFIED THAT THE COMPREHENSIVE GEO-TECHNICAL REPORT ON SOIL INVESTIGATION HAS BEEN PREPARED BY ME FOR DESIGN AND CALCULATION OF THE FOUNDATION BY ANALYZING THE SOIL SAMPLES 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 GEO-TECHNICAL REPORT.

Sujit Kumar Bosh
DR. SUJIT KUMAR BOSCH
 Ph.D., M.C.E. (Soil), B.C.E. (Hons.)
 MIGS MIRAC
 Empanelled Geotechnical
 Engineer under KMC
 License No. G/T/112

SIGNATURE OF GEO-TECHNICAL ENGINEER

DESIGNED - BBM
 CHECKED - BBM
 DEALT - S.P.

REF.
 SCALE : 1:100, 1:25
 DATE : 29.09.2020

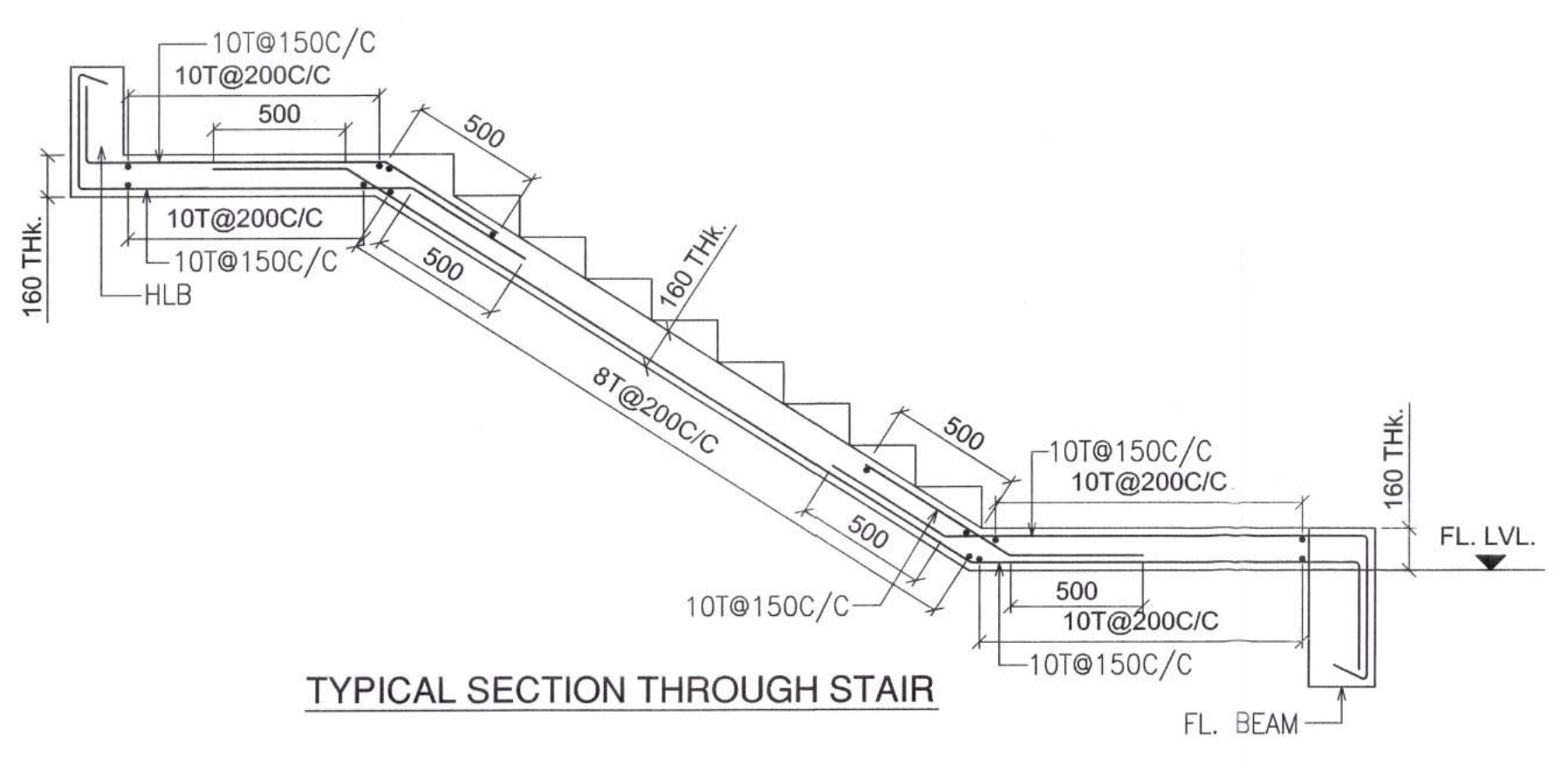
DRG. NO. :- PMC/ 71 SRIJANI/KMC-02

DESIGNED BY:
STUDIO ABAYABA
 REGISTERED OFFICE ADDRESS: 198/1 E-BLOCK
 EAST BAGHAJATIN, KOLKATA - 700086
 Contact No : +91 9836638853
 Email ID : studio.abayaba@gmail.com

GEO-TECHNICAL CONSULTANT:
BOSE ENGINEERS (an ISO 9001:2015 Org.)
 ADDRESS: 53, PURNA CHANDRA MITRA LANE,
 KOLKATA - 700033
 Contact No : +91 9830478970
 Email ID : boseengineers@gmail.com

STRUCTURAL CONSULTANT:
BIBEK BIKASH MULLICK
 ADDRESS : 118/2B BHUBAN MOHAN ROY ROAD
 KOLKATA - 700008
 Contact No : +91 9830461794
 Email ID : pmcstructure@gmail.com

DEVELOPER:
PROPERTYMEN REALTY PVT.LTD.
 ADDRESS : HMF HOUSE, PREMISES NO. 628
 (6TH FLOOR) FAIRLEY PLACE KOLKATA - 700001
 Contact No : +91 9830144714
 Email ID : admin@propertymen.in



TYPICAL SECTION THROUGH STAIR

FLOOR SLAB SCHEDULE:-

SLAB THK.	SHORTER SPAN			LONGER SPAN		
	SUPPORT	TOP MID SPAN	BOTTOM	SUPPORT	TOP	MID SPAN BOTTOM
100	8 T @ 150 C/C	8 T @ 200 C/C	8 T @ 150 C/C	8 T @ 150 C/C	8 T @ 200 C/C	
115	8 T @ 150 C/C	8 T @ 175 C/C	8 T @ 150 C/C	8 T @ 150 C/C	8 T @ 200 C/C	

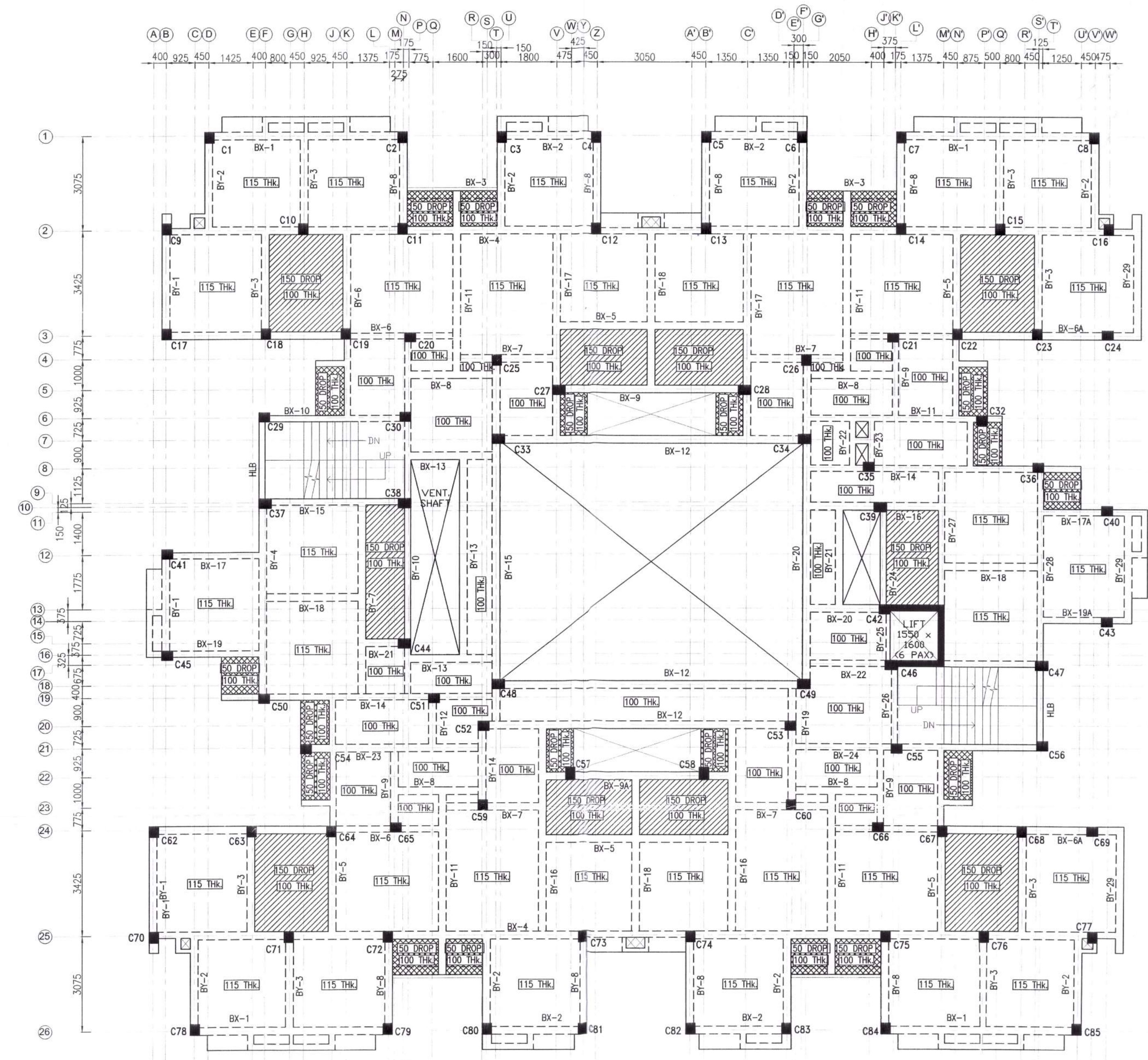
TYPICAL FLOOR BEAM SCHEDULE:-

BEAM MKD.	BEAM SIZE	SUPPORT REINFORCEMENT			SPAN REINFORCEMENT		
		TOP	BOTTOM	STIRRUPS	TOP	BOTTOM	STIRRUPS
BY-1	250X500	3-20 ⁺ 3-20 ⁺	3-20 ⁺	2L-8 ⁺ @150 C/C	2-20 ⁺	3-20 ⁺ 3-16 ⁺	2L-8 ⁺ @200 C/C
BY-2	250X500	3-16 ⁺ 2-16 ⁺	3-16 ⁺	2L-8 ⁺ @150 C/C	2-16 ⁺	3-16 ⁺	2L-8 ⁺ @200 C/C
BY-3	250X500	3-16 ⁺ 2-16 ⁺	3-16 ⁺	2L-8 ⁺ @150 C/C	2-16 ⁺	3-16 ⁺	2L-8 ⁺ @200 C/C
BY-4	250X500	3-20 ⁺ 3-20 ⁺	3-20 ⁺	2L-8 ⁺ @150 C/C	2-20 ⁺	3-20 ⁺ 3-16 ⁺	2L-8 ⁺ @200 C/C
BY-5	250X500/ 200X500	3-20 ⁺ 3-20 ⁺	3-20 ⁺	2L-8 ⁺ @150 C/C	2-20 ⁺	3-20 ⁺ 3-16 ⁺	2L-8 ⁺ @200 C/C
BY-6	250X500/ 200X500	3-20 ⁺ 3-20 ⁺	3-20 ⁺	2L-8 ⁺ @150 C/C	2-20 ⁺	3-20 ⁺ 3-16 ⁺	2L-8 ⁺ @200 C/C
BY-7	250X500	3-16 ⁺ 3-16 ⁺	3-16 ⁺	2L-8 ⁺ @150 C/C	2-16 ⁺	3-16 ⁺	2L-8 ⁺ @200 C/C
BY-8	250X500	3-20 ⁺ 2-16 ⁺	3-20 ⁺	2L-8 ⁺ @150 C/C	2-20 ⁺	3-16 ⁺	2L-8 ⁺ @200 C/C
BY-9	250X500	3-16 ⁺ 2-16 ⁺	3-16 ⁺	2L-8 ⁺ @150 C/C	2-16 ⁺	3-16 ⁺	2L-8 ⁺ @200 C/C
BY-10	250X500	3-20 ⁺ 3-20 ⁺	3-20 ⁺	2L-8 ⁺ @150 C/C	2-20 ⁺	3-20 ⁺ 3-20 ⁺	2L-8 ⁺ @200 C/C
BY-11	250X500	3-20 ⁺ 3-20 ⁺	3-20 ⁺	2L-8 ⁺ @150 C/C	2-20 ⁺	3-20 ⁺ 3-20 ⁺	2L-8 ⁺ @200 C/C
BY-12	250X400	3-16 ⁺ 3-16 ⁺	3-16 ⁺	2L-8 ⁺ @150 C/C	2-16 ⁺	3-16 ⁺	2L-8 ⁺ @200 C/C
BY-13	250X500	2-20 ⁺ 3-20 ⁺	3-20 ⁺	2L-8 ⁺ @150 C/C	2-20 ⁺	3-20 ⁺ 3-16 ⁺	2L-8 ⁺ @200 C/C
BY-14	250X500	3-20 ⁺ 3-20 ⁺	3-20 ⁺	2L-8 ⁺ @150 C/C	2-20 ⁺	3-20 ⁺ 3-16 ⁺	2L-8 ⁺ @200 C/C
BY-15	250X750	3-25 ⁺ 3-25 ⁺	3-25 ⁺	2L-8 ⁺ @150 C/C	2-25 ⁺	3-25 ⁺ 3-25 ⁺	2L-8 ⁺ @200 C/C
BY-16	250X500	2-20 ⁺ 3-20 ⁺	3-20 ⁺	2L-8 ⁺ @150 C/C	2-20 ⁺	3-20 ⁺ 3-16 ⁺	2L-8 ⁺ @200 C/C
BY-17	250X500	3-20 ⁺ 3-20 ⁺	3-20 ⁺	2L-8 ⁺ @150 C/C	2-20 ⁺	3-20 ⁺ 3-16 ⁺	2L-8 ⁺ @200 C/C
BY-18	250X500	2-20 ⁺ 3-20 ⁺	3-20 ⁺	2L-8 ⁺ @150 C/C	2-20 ⁺	3-20 ⁺ 3-16 ⁺	2L-8 ⁺ @200 C/C
BY-19	250X500	3-20 ⁺ 3-20 ⁺	3-20 ⁺	2L-8 ⁺ @150 C/C	2-20 ⁺	3-20 ⁺ 3-20 ⁺	2L-8 ⁺ @200 C/C
BY-20	250X750	3-25 ⁺ 3-25 ⁺	3-25 ⁺	2L-8 ⁺ @150 C/C	2-25 ⁺	3-25 ⁺ 3-25 ⁺	2L-8 ⁺ @200 C/C
BY-21	250X500	2-16 ⁺ 3-16 ⁺	3-16 ⁺	2L-8 ⁺ @150 C/C	2-16 ⁺	3-16 ⁺	2L-8 ⁺ @200 C/C
BY-22	250X300	2-16 ⁺ 3-16 ⁺	3-16 ⁺	2L-8 ⁺ @150 C/C	2-16 ⁺	3-16 ⁺	2L-8 ⁺ @200 C/C
BY-23	250X400	3-16 ⁺ 3-16 ⁺	3-16 ⁺	2L-8 ⁺ @150 C/C	2-16 ⁺	3-16 ⁺	2L-8 ⁺ @200 C/C
BY-24	250X500	3-16 ⁺ 3-16 ⁺	3-16 ⁺	2L-8 ⁺ @150 C/C	2-16 ⁺	3-16 ⁺	2L-8 ⁺ @200 C/C
BY-25	125X300	2-16 ⁺ 3-16 ⁺	3-16 ⁺	2L-8 ⁺ @150 C/C	2-16 ⁺	3-16 ⁺	2L-8 ⁺ @200 C/C
BY-26	250X500	3-16 ⁺ 3-16 ⁺	3-16 ⁺	2L-8 ⁺ @150 C/C	2-16 ⁺	3-16 ⁺	2L-8 ⁺ @200 C/C
BY-27	200X500	3-16 ⁺ 2-16 ⁺	3-16 ⁺	2L-8 ⁺ @150 C/C	2-16 ⁺	3-16 ⁺ 2-16 ⁺	2L-8 ⁺ @200 C/C
BY-28	200X500	3-16 ⁺ 2-16 ⁺	3-16 ⁺	2L-8 ⁺ @150 C/C	2-16 ⁺	3-16 ⁺ 2-16 ⁺	2L-8 ⁺ @200 C/C
BY-28	200X500	2-16 ⁺ 3-16 ⁺	3-16 ⁺	2L-8 ⁺ @150 C/C	2-16 ⁺	3-16 ⁺ 2-16 ⁺	2L-8 ⁺ @200 C/C

TYPICAL FLOOR BEAM SCHEDULE:-

BEAM MKD.	BEAM SIZE	SUPPORT REINFORCEMENT			SPAN REINFORCEMENT		
		TOP	BOTTOM	STIRRUPS	TOP	BOTTOM	STIRRUPS
BX-1	250X500	3-20 ⁺ 3-16 ⁺	3-20 ⁺	2L-8 ⁺ @150 C/C	2-20 ⁺	3-20 ⁺ 3-16 ⁺	2L-8 ⁺ @200 C/C
BX-2	250X450	3-20 ⁺ 3-16 ⁺	3-20 ⁺	2L-8 ⁺ @150 C/C	2-20 ⁺	3-20 ⁺ 3-16 ⁺	2L-8 ⁺ @200 C/C
BX-3	250X400	2-16 ⁺ 3-16 ⁺	3-16 ⁺	2L-8 ⁺ @150 C/C	2-16 ⁺	3-16 ⁺	2L-8 ⁺ @200 C/C
BX-4	250X500	3-20 ⁺ 3-16 ⁺	3-20 ⁺	2L-8 ⁺ @150 C/C	2-20 ⁺	3-20 ⁺	2L-8 ⁺ @200 C/C
BX-5	250X400	3-16 ⁺ 3-16 ⁺	3-16 ⁺	2L-8 ⁺ @150 C/C	2-16 ⁺	3-16 ⁺	2L-8 ⁺ @200 C/C
BX-6	250X500	3-20 ⁺ 3-20 ⁺	3-20 ⁺	2L-8 ⁺ @150 C/C	2-20 ⁺	3-20 ⁺ 3-20 ⁺	2L-8 ⁺ @200 C/C
BX-6A	250X500	3-20 ⁺ 3-20 ⁺	3-20 ⁺	2L-8 ⁺ @150 C/C	2-20 ⁺	3-20 ⁺ 3-20 ⁺	2L-8 ⁺ @200 C/C
BX-7	250X400	3-16 ⁺ 3-16 ⁺	3-16 ⁺	2L-8 ⁺ @150 C/C	2-16 ⁺	3-16 ⁺	2L-8 ⁺ @200 C/C
BX-8	250X500	2-20 ⁺ 3-20 ⁺	3-20 ⁺	2L-8 ⁺ @150 C/C	2-20 ⁺	3-20 ⁺ 3-16 ⁺	2L-8 ⁺ @200 C/C
BX-9	250X500	3-20 ⁺ 3-20 ⁺	3-20 ⁺	2L-8 ⁺ @150 C/C	2-20 ⁺	3-20 ⁺ 3-16 ⁺	2L-8 ⁺ @200 C/C
BX-9A	250X500	3-20 ⁺ 3-20 ⁺	3-20 ⁺	2L-8 ⁺ @150 C/C	2-20 ⁺	3-20 ⁺ 3-16 ⁺	2L-8 ⁺ @200 C/C
BX-10	250X500	3-20 ⁺ 3-20 ⁺	3-20 ⁺	2L-8 ⁺ @150 C/C	2-20 ⁺	3-20 ⁺ 3-16 ⁺	2L-8 ⁺ @200 C/C
BX-11	250X500	3-20 ⁺ 3-20 ⁺	3-20 ⁺	2L-8 ⁺ @150 C/C	2-20 ⁺	3-20 ⁺ 3-16 ⁺	2L-8 ⁺ @200 C/C
BX-12	250X750	3-25 ⁺ 3-25 ⁺	3-25 ⁺	2L-8 ⁺ @150 C/C	2-25 ⁺	3-25 ⁺ 3-20 ⁺	2L-8 ⁺ @200 C/C
BX-13	250X500	3-20 ⁺ 3-20 ⁺	3-20 ⁺	2L-8 ⁺ @150 C/C	2-20 ⁺	3-20 ⁺ 3-16 ⁺	2L-8 ⁺ @200 C/C
BX-14	250X500	3-20 ⁺ 3-20 ⁺	3-20 ⁺	2L-8 ⁺ @150 C/C	2-20 ⁺	3-20 ⁺ 3-16 ⁺	2L-8 ⁺ @200 C/C
BX-15	250X500	3-20 ⁺ 3-16 ⁺	3-20 ⁺	2L-8 ⁺ @150 C/C	2-20 ⁺	3-20 ⁺ 3-16 ⁺	2L-8 ⁺ @200 C/C
BX-16	250X500	3-16 ⁺ 2-16 ⁺	3-16 ⁺	2L-8 ⁺ @150 C/C	2-16 ⁺	3-16 ⁺ 2-16 ⁺	2L-8 ⁺ @200 C/C
BX-17	250X500	3-20 ⁺ 3-16 ⁺	3-20 ⁺	2L-8 ⁺ @150 C/C	2-25 ⁺	3-20 ⁺ 2-16 ⁺	2L-8 ⁺ @200 C/C
BX-17A	250X500	3-20 ⁺ 3-16 ⁺	3-20 ⁺	2L-8 ⁺ @150 C/C	2-25 ⁺	3-20 ⁺ 2-16 ⁺	2L-8 ⁺ @200 C/C
BX-18	250X400	2-16 ⁺ 3-16 ⁺	3-16 ⁺	2L-8 ⁺ @150 C/C	2-16 ⁺	3-16 ⁺	2L-8 ⁺ @200 C/C
BX-19	250X500	3-20 ⁺ 3-16 ⁺	3-20 ⁺	2L-8 ⁺ @150 C/C	2-20 ⁺	3-20 ⁺ 2-16 ⁺	2L-8 ⁺ @200 C/C
BX-19A	250X500	3-20 ⁺ 3-16 ⁺	3-20 ⁺	2L-8 ⁺ @150 C/C	2-20 ⁺	3-20 ⁺ 2-16 ⁺	2L-8 ⁺ @200 C/C
BX-20	250X500	3-16 ⁺ 3-16 ⁺	3-16 ⁺	2L-8 ⁺ @150 C/C	2-16 ⁺	3-16 ⁺	2L-8 ⁺ @200 C/C
BX-21	250X500	3-16 ⁺ 3-16 ⁺	3-16 ⁺	2L-8 ⁺ @150 C/C	2-16 ⁺	3-16 ⁺	2L-8 ⁺ @200 C/C
BX-22	200X500	3-16 ⁺ 3-16 ⁺	3-16 ⁺	2L-8 ⁺ @150 C/C	2-16 ⁺	3-16 ⁺	2L-8 ⁺ @200 C/C
BX-23	250X500	3-20 ⁺ 3-16 ⁺	3-20 ⁺	2L-8 ⁺ @150 C/C	2-20 ⁺	3-20 ⁺ 3-16 ⁺	2L-8 ⁺ @200 C/C
BX-24	200X500	3-20 ⁺ 3-16 ⁺	3-20 ⁺	2L-8 ⁺ @150 C/C	2-20 ⁺	3-20 ⁺ 3-16 ⁺	2L-8 ⁺ @200 C/C
HLB	200X500	3-20 ⁺ 2-16 ⁺	3-20 ⁺	2L-8 ⁺ @150 C/C	2-20 ⁺	3-20 ⁺ 2-16 ⁺	2L-8 ⁺ @200 C/C

TYPICAL FLOOR BEAM LAYOUT PLAN



PARTY'S COPY

RESIDENTIAL BUILDING

DEVIATION WOULD MEAN DEMOLITION

Necessary steps should be taken for the safety of the lives of the adjoining public and private properties during construction.

THE SANCTION IS VALID UP TO 21/7/2026

Structural plan and desing calculation as submitted by the structural engineer have been kept with B. P. No. 2021/16003 Date 21/7/21 for record of the Kolkata Municipal Corporation without verification No. deviation from the submitted structural plan should be made at the time of erection without submitting fresh structural plan along with design calculation and stability certificate in the prescribed form, necessary steps should be taken for the safety of the adjoining premises public and private properties and safety of human life during construction

Aswini *Das*
EXECUTIVE ENGINEER/ASST. ENGINEER
BOROUGH NO.- XVI

