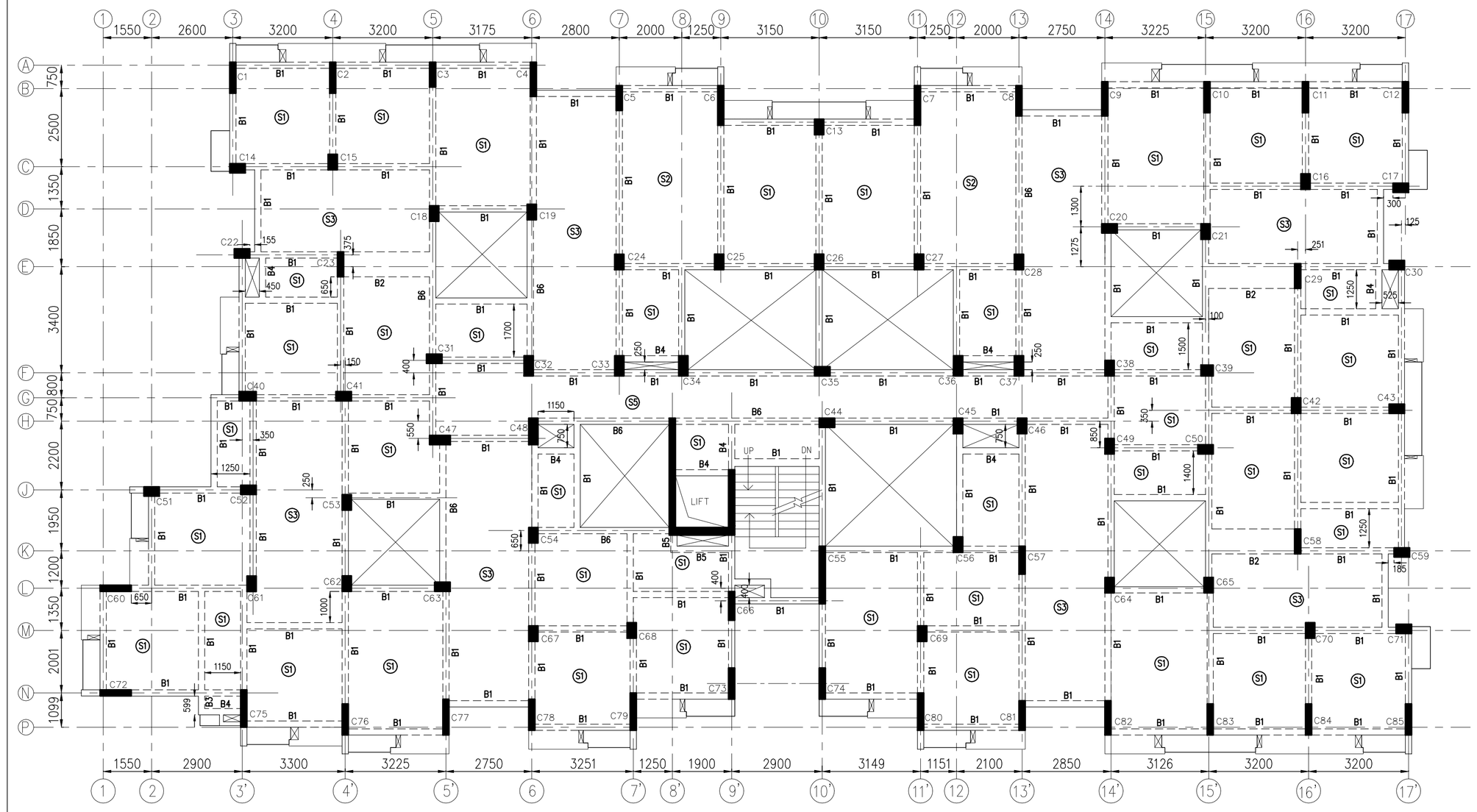
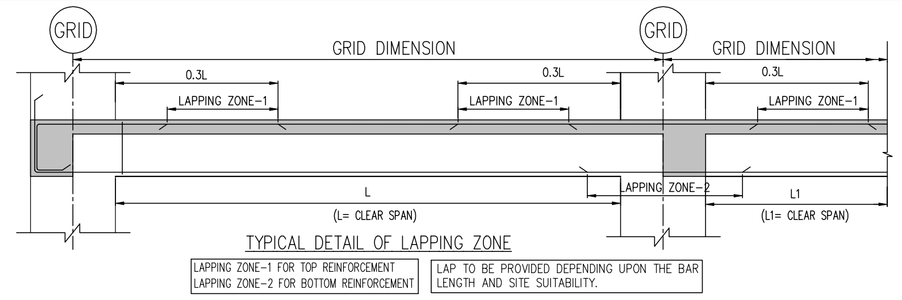


C.A. AT TYPICAL FLOOR LVL. (BLOCK-2)
SCALE-1:100



TYPICAL DETAIL OF LAPPING ZONE

LAPPING ZONE-1 FOR TOP REINFORCEMENT
LAPPING ZONE-2 FOR BOTTOM REINFORCEMENT

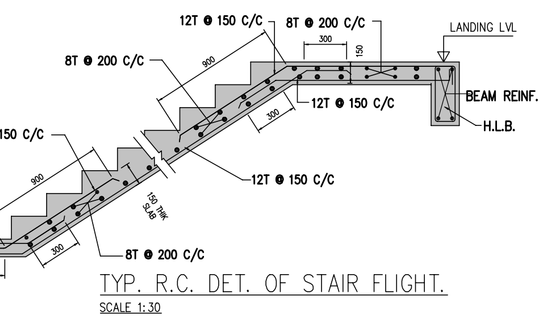
LAP TO BE PROVIDED DEPENDING UPON THE BAR LENGTH AND SITE SUITABILITY.

SCHEDULE OF SLABS

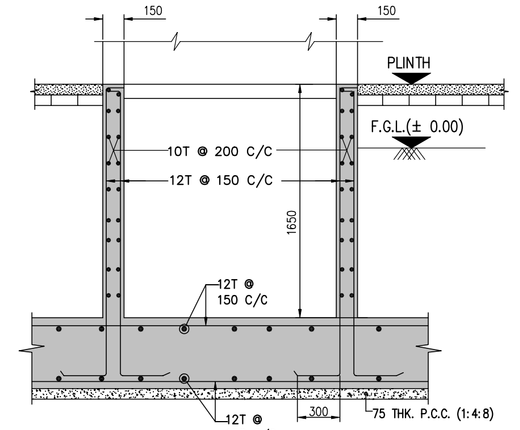
SLAB MKD.	SLAB THK.	SLAB REINF.				DIST.
		SHORTER DIR.		LONGER DIR.		
		SUPPORT	MID SPAN	SUPPORT	MID SPAN	
S1	100	8T @ 175 C/C	8T @ 200 C/C	8T @ 200 C/C	8T @ 225 C/C	8T @ 250 C/C
S2	115	8T @ 175 C/C	8T @ 200 C/C	8T @ 200 C/C	8T @ 225 C/C	8T @ 250 C/C
S3	125	8T @ 150 C/C	8T @ 150 C/C	8T @ 250 C/C	8T @ 250 C/C	

SCHEDULE OF COLUMNS

ROOF LEV. TO 2ND. FLOOR	M-25 4-12T	M-25 4-12T	M-25 8-12T	M-25 8-12T	M-25 8-12T	M-25 4-12T	M-25 4-12T	M-25 4-12T	M-25 8-12T	M-25 4-12T	M-25 8-12T	M-25 8-16T	M-25 12-16T	M-25 12-16T	M-25 12-16T	M-25 4-20T + 8-16T	M-25 4-20T + 8-16T
TO FOUNDATION	M-25 8-16T	M-25 8-16T	M-25 8-16T	M-25 8-16T	M-25 8-16T	M-25 8-16T	M-25 8-16T	M-25 8-16T	M-25 8-16T	M-25 8-16T	M-25 8-16T	M-25 12-16T	M-25 4-20T + 8-16T	M-25 4-20T + 8-16T	M-25 4-20T + 8-16T	M-25 8-20T + 4-16T	M-25 8-20T + 4-16T
COL. SIZE	200x1000	200x800	200x1100	200x1275	200x1200	200x975	200x925	200x900	200x1150	200x950	200x1850	300x500	300x650	300x665	300x850	350x400	300x500
LEVEL / COL.MKD.	C1,C2,C10,C11,C12, C60,C72,C73,C74, C76,C78,C83,C84, C85.	C3,C5,C23, C29,C58.	C4,C9,C82.	C6,C7.	C75,C79, C80.	C8.	C66.	C57.	C77.	C81.	C55.	C14,C15,C16,C17,C18,C19,C20, C21,C22,C24,C25,C26,C27,C28, C30,C31,C35,C36,C40,C41,C42, C43,C44,C45,C46,C49,C51,C52, C53,C54,C56,C59,C61,C62,C63, C64,C65,C67,C68,C69,C70,C71.	C32,C33,C34, C36,C37.	C47.	C48.	C39.	C50.



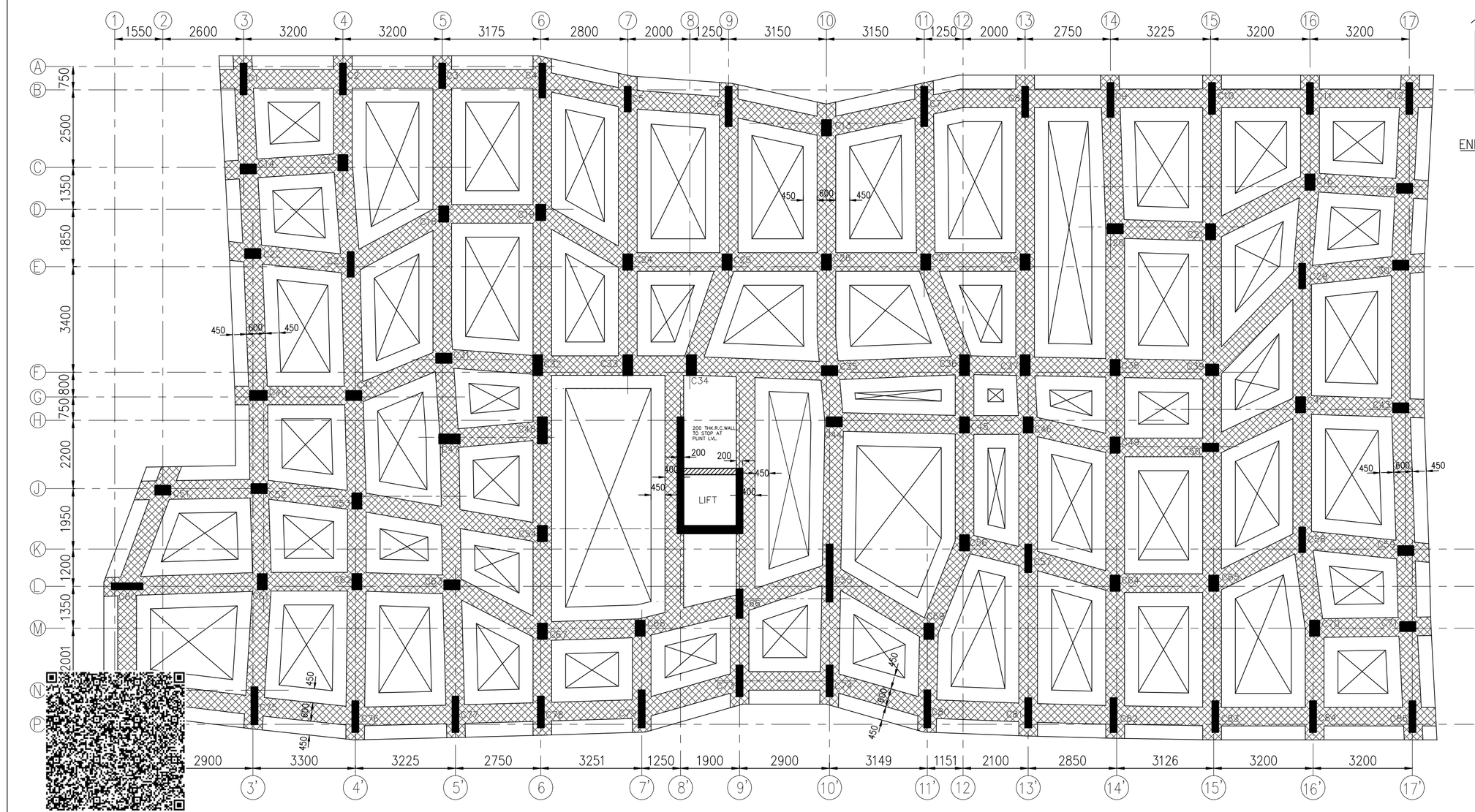
TYP. R.C. DET. OF STAIR FLIGHT.
SCALE 1:30



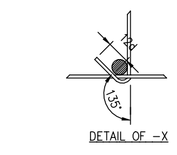
TYP. SECTION THROUGH LIFT PIT
SCALE 1:30

SCHEDULE OF TYP. FLOOR BEAMS

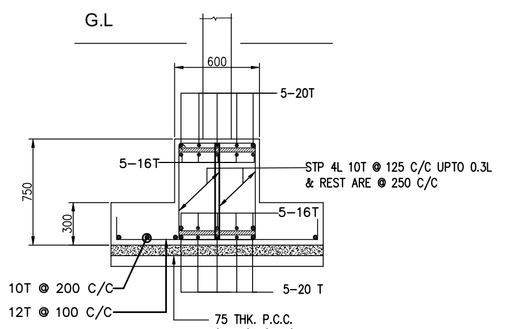
BEAM MKD.	BEAM SIZE	BEAM REINF. END SUPPT. (T)	END SUPPT. (B)	MID SPAN (T)	MID SPAN (B)	CONT. SUPPT. (T)	CONT. SUPPT. (B)	CANT END (T)	CANT END (B)	STIRRUP UPTO L/3 FROM SUPPT.	STIRRUP MID SPAN	REMARKS
B1	200X500	2-16T(I) + 1-12T(II)	2-16T(I)	2-16T(I)	2-16T(I)	2-16T(I) + 2-12T(II)	2-16T(I)	–	–	8T 2L @100 C/C	8T 2L @200 C/C	
B2	800X250	5-16T(I) + 2-12T(II)	5-16T(I)	5-16T(I)	5-16T(I) + 2-12T(II)	–	–	–	–	8T 6L @100 C/C	8T 6L @200 C/C	
B3	200X500	2-16T(I)	2-16T(I)	2-16T(I)	2-16T(I)	–	–	–	–	8T 2L @100 C/C	8T 2L @200 C/C	
B4	200X500	2-16T(I) + 1-16T(II)	2-16T(I)	2-16T(I)	2-16T(I) + 1-12T(II)	–	–	–	–	8T 2L @100 C/C	8T 2L @200 C/C	
B5	200X500	2-16T(I)	2-16T(I)	2-16T(I)	2-16T(I) + 1-16T(II)	–	–	–	–	8T 2L @100 C/C	8T 2L @200 C/C	
B6	200X700	2-16T(I) + 2-20T(II)	2-16T(I)	2-16T(I)	2-16T(I) + 2-16T(II)	–	–	–	–	8T 2L @100 C/C	8T 2L @200 C/C	



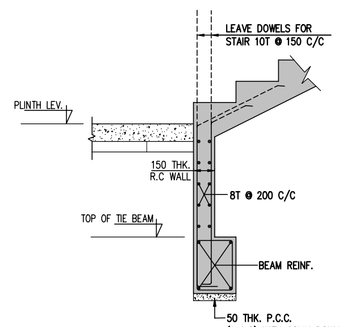
FOUNDATION LAYOUT (BLOCK-2)
SCALE-1:100



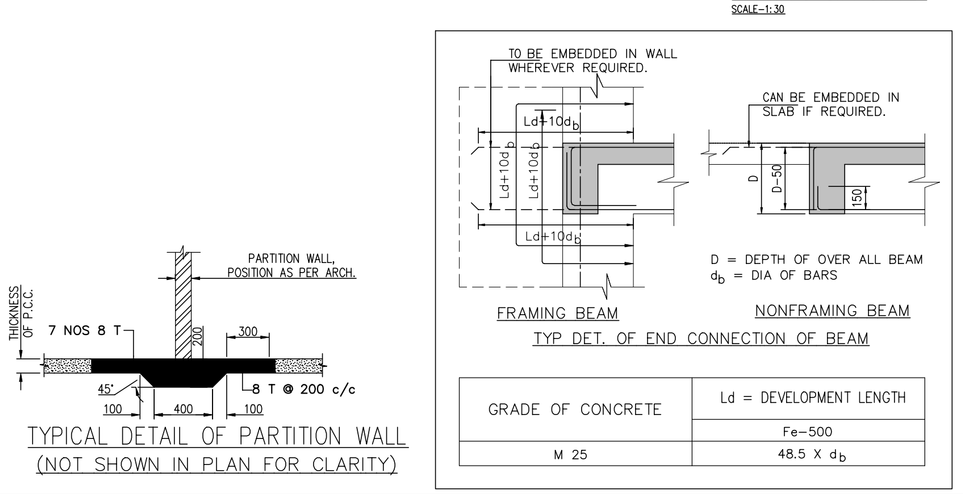
ENLARGED PLAN SHOWING TYPICAL DETAILS OF LINKS COVER TO COL./WALL REINF.



TYP. SECTION OF FOUNDATION AND FOUNDATION BEAM
SCALE 1:30



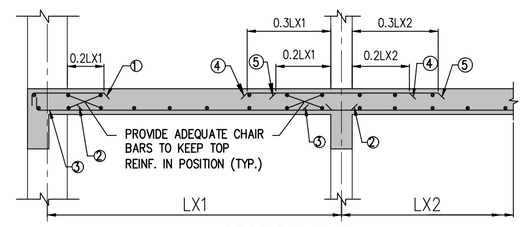
TYP. DET. OF STAIR STARTER
SCALE-1:30



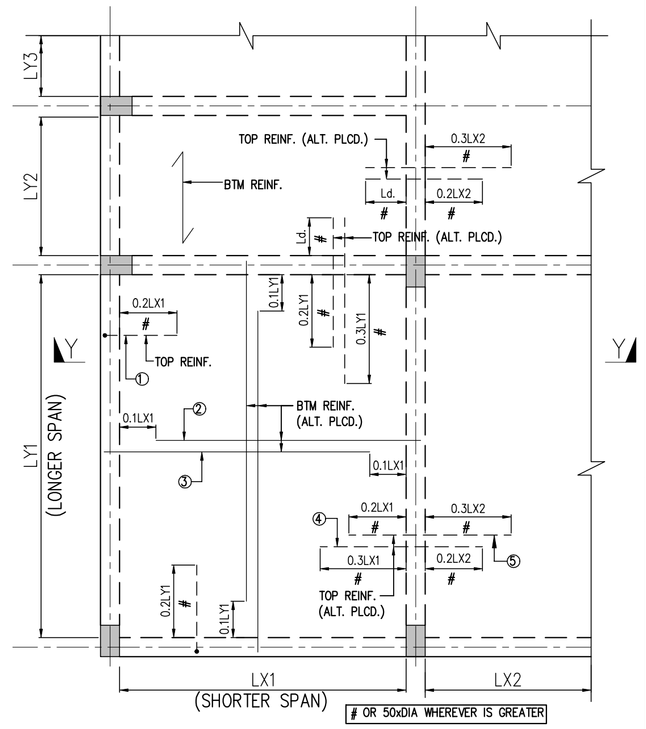
TYP. DET. OF END CONNECTION OF BEAM

GRADE OF CONCRETE	Ld = DEVELOPMENT LENGTH
	Fe-500
M 25	48.5 X d_b

TYPICAL DETAIL OF PARTITION WALL (NOT SHOWN IN PLAN FOR CLARITY)



SECTION Y-Y
SCALE 1:50



TYPICAL REINF. ARRANGEMENT IN SLAB PANEL
SCALE 1:50

PROJECT

PROPOSED G+IV STORIED RESIDENTIAL COMPLEX AT MOUZA - JAGADDAL, J.L. NO. 71, L.R. DAG. NO.-1111,3047, L.R. KHATIAN NO.5126, 5127 & 5128 , WARD NO.26, HOLDING NO. 203, RAMCHAND DEY STREET UNDER RAJPUR SONARPUR MUNICIPALITY,P.S.-SONARPUR, DISTRICT - SOUTH 24 PARGANAS, KOLKATA-700151.

TITLE

STRUCTURAL DRAWING & DETAILS (BLOCK-2).

SPECIFICATIONS

1. ALL DIMENSIONS ARE IN MM.
2. ALL EXTERNAL WALLS ARE 200 THK. & ALL INTERNAL WALLS ARE 125 THK, UNLESS OTHERWISE MENTIONED
3. ALL P.C.C. WORK IN 1:3:6
4. ALL R.C.C. WORK IN 1:2:4
5. ALL OTHER SPECIFICATIONS CONFORMING RELEVANT I.S. CODE.

NIROSHINI TECHNOLOGY LLP
MAHESHWARI COMMOTRADE LLP
KHAITAN CONSTRUCTION LLP
NAME OF OWNERS

Declaration of Architect

I do hereby certify that the building plans, elevations, sections and other structural details of the proposed building under the jurisdiction of Rajpur-Sonarpur Municipality have been prepared in conforming with all relevant provisions under the West Bengal Municipal (Building) Rules,2007 .This also to certify that relevant 'no objection' certificates from the respective authorities such as Fire and Emergency Service Department , Airport Authority, Pollution Control Board, Telecommunication Department etc. as applicable in this regard, are also enclosed with the application for seeking approval of the plan to construct / reconstruct/addition to alteration of the building .

SANJAY MANDAL
EBA- CLASS (I)
C.A./98/3621
ENLISMENT NO.-707
PHONE NO.-9903060016
NAME OF THE ARCHITECT

Declaration of Structural Engineer

I do hereby certify that the foundation and superstructure of the building proposed for construction under the jurisdiction of Rajpur-Sonarpur Municipality have been personally inspected and so designed by me will make such foundation and superstructure safe in all respect including the consideration of bearing capacity and settlement of soil and other conditions , if any, conforming to all stipulations of all relevant IS Code of Practice and National Building Code.

SUNANDAN NARAYAN BASU
ENLISMENT NO.-073/RAJPUR/ESE/11-12
PHONE NO.-9831010054
NAME OF STRUCTURAL ENGINEER

Declaration of Geotechnical Engineer

I do hereby certify that the foundation and super structure of the building proposed for construction at holding 203, Ramchand Dey Street ,ward no. 26, under the jurisdiction of Rajpur-Sonarpur Municipality have been personally inspected and so design by me will make such foundation and superstructure safe in all respect including the consideration of bearing capacity and settlement of soil and other conditions. if any, confirming to all stipulations of all relevant IS code of practice and National Building code.

ALOK ROY
ENLISMENT NO.-008/G.T.Engg.,Class-I
PHONE NO.-9831012007
NAME OF GEOTECHNICAL ENGINEER

DRAWING No. : IN / 1298/CORP/STRUC/01

JOB No. :	IN / 1298	DRAWN BY	SWAPNA
SCALE	AS SHOWN	CHECKED BY	B.D.
DATE	14/07/2023	APPVD. BY	S.N.B.
ISSUED FOR		SANCTION	

ARCHITECT

26/2, BALLYGUNGE CIRCULAR ROAD,
UDAYAN PARK, 3rd. FLOOR
TEL : (033) 4000-6424, 6425, 6426
KOLKATA - 700 019
www.innateindia.com

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