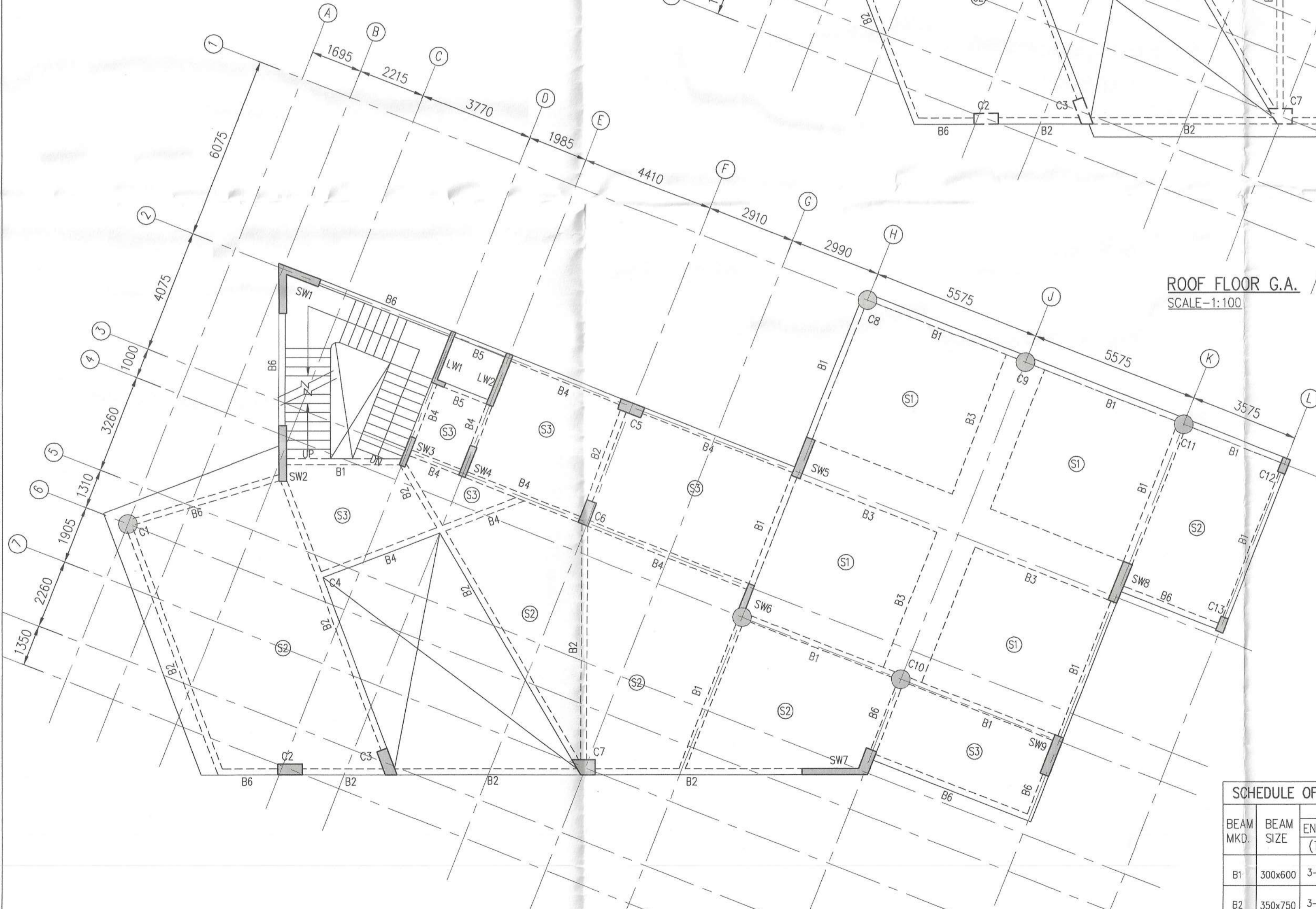
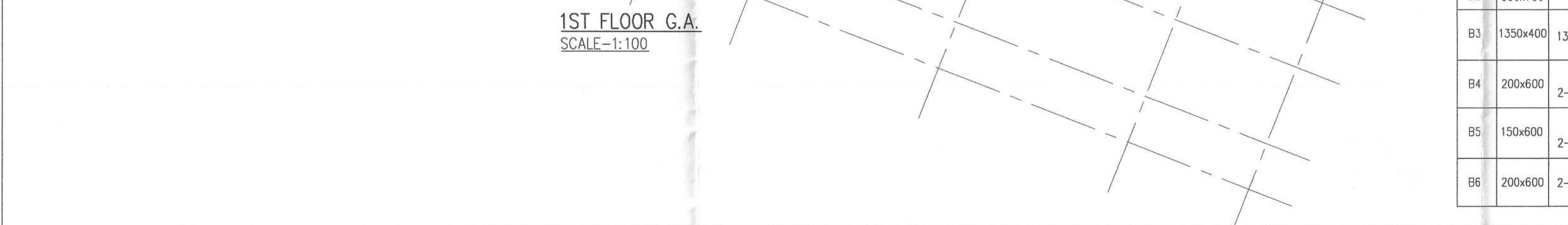


SLAB MKD	SLAB THICKNESS	SHORTER DIR.		LONGER DIR.		DISTRIBUTION
		SUPPORT	MID SPAN	SUPPORT	MID SPAN	
S1	175	10T @ 100 C/C	10T @ 125 C/C	10T @ 125 C/C	10T @ 150 C/C	10T @ 200 C/C
S2	135	10T @ 125 C/C	10T @ 150 C/C	10T @ 150 C/C	10T @ 200 C/C	8T @ 200 C/C
S3	125	10T @ 125 C/C	10T @ 150 C/C	10T @ 150 C/C	10T @ 200 C/C	8T @ 200 C/C
S4	135	10T @ 100 C/C	10T @ 150 C/C	10T @ 150 C/C	10T @ 200 C/C	8T @ 200 C/C

BEAM MKD.	BEAM SIZE	BEAM REINF.						STIRRUP		REMARKS
		END SUPPT. (T)	MID SPAN (B)	CONT. SUPPT. (T)	CONT. SUPPT. (B)	CANT END (T)	CANT END (B)	UPTO L/3 FROM SUPPT.	MID SPAN	
B1	300x600	3-20T	3-20T	3-20T	3-20T	3-20T	3-20T	3-20T	10T-2L @ 100C/C	10T-2L @ 150C/C
B2	350x750	3-25T	3-25T	3-25T	3-25T	3-25T	3-25T	3-25T	10T-4L @ 100C/C	10T-4L @ 150C/C
B3	1350x400	13-20T	13-20T	13-20T	13-20T	13-20T	13-20T	13-20T	10T-8L @ 100C/C	10T-8L @ 125C/C
B4	200x600	2-20T	2-20T	2-20T	2-20T	2-20T	2-20T	2-20T	10T-4L @ 100C/C	10T-4L @ 125C/C
B5	150x600	2-20T	2-20T	2-20T	2-20T	2-20T	2-20T	2-20T	8T-2L @ 100C/C	8T-2L @ 150C/C
B6	200x600	2-20T	2-20T	2-20T	2-20T	2-20T	2-20T	2-20T	8T-2L @ 100C/C	8T-2L @ 150C/C



1ST FLOOR G.A.  
SCALE=1:100

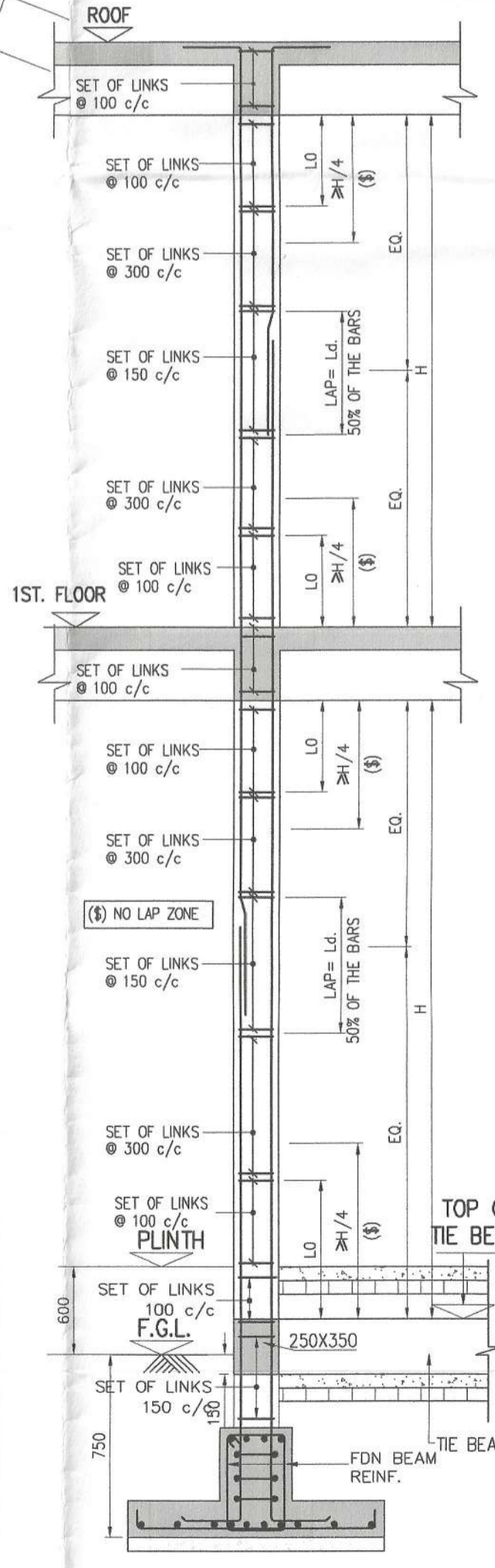


ROOF FLOOR G.A.  
SCALE=1:100

LEVEL	SCHEDULE OF COLUMN				
	M-25	M-25	M-25	M-25	M-25
ROOF TO FOUNDATION	10-20T	16-20T	10-20T	22-20T	28-20T
LEVEL COL. MKD.	600 DIA C1	800x350 C2	250x500 C12	1000x300 SW3	1350x300 SW5

10T FOR CLOSE LINKS & BT FOR OPEN LINKS

BEAM MKD.	BEAM SIZE	BEAM REINF.						STIRRUP		REMARKS
		END SUPPT. (T)	MID SPAN (B)	CONT. SUPPT. (T)	CONT. SUPPT. (B)	CANT END (T)	CANT END (B)	UPTO L/3 FROM SUPPT.	MID SPAN	
B1	300x600	3-20T	3-20T	3-20T	3-20T	3-20T	3-20T	3-20T	10T-2L @ 100C/C	10T-2L @ 150C/C
B2	350x750	3-25T	3-25T	3-25T	3-25T	3-25T	3-25T	3-25T	10T-4L @ 100C/C	10T-4L @ 125C/C
B3	1350x400	13-20T	13-20T	13-20T	13-20T	13-20T	13-20T	13-20T	10T-8L @ 100C/C	10T-8L @ 125C/C
B4	200x600	2-20T	2-20T	2-20T	2-20T	2-20T	2-20T	2-20T	10T-2L @ 100C/C	10T-2L @ 125C/C
B5	150x600	2-20T	2-20T	2-20T	2-20T	2-20T	2-20T	2-20T	8T-2L @ 100C/C	8T-2L @ 150C/C
B6	200x600	2-20T	2-20T	2-20T	2-20T	2-20T	2-20T	2-20T	10T-2L @ 100C/C	10T-2L @ 150C/C



TYP. DETAIL OF COLUMN  
SCALE 1:30

CERTIFIED THAT I HAVE GONE THROUGH THE WEST BENGAL MUNICIPAL BUILDING RULES 2009 AS AMENDED TIME TO TIME AND ALSO UNDER TAKE TO ABIDE BY THOSE RULES DURING AND AFTER CONSTRUCTION OF BUILDING.

DTC PROJECTS PVT. LTD.  
*Ravi Khatun*  
Authorised Signatory

SIGNATURE OF OWNER :  
THE STRUCTURAL DESIGNS AND DRAWINGS OF BOTH FOUNDATION AND SUPERSTRUCTURE OF THE BUILDING HAS BEEN MADE BY ME CONSIDERING ALL POSSIBLE LOADS INCLUDING THE SEISMIC LOAD AS PER NATIONAL BUILDING CODE OF INDIA AND CERTIFY THAT IT IS SAFE AND STABLE IN ALL RESPECTS.

Vetted  
*Ankit Agarwala*  
Gokul Mondal, PhD  
Professor  
Dept of Construction Engg.  
Jadavpur University, Kolkata-105

ANKIT AGARWALA  
B.E. (CIVIL), M.E. (STR)  
G. ENG. M.I. STRUCT. E. (LONDON)  
Membership No.-076352955  
MNC EMPANELLED STRUCTURAL ENGINEER,  
CLASS-1, E.S.E. 1/172

SIGNATURE OF STRUCTURAL ENGINEER :  
I CERTIFY THAT THE BUILDING PLAN HAS BEEN DRAWN UP AS PER PROVISION OF W.B. MUNICIPAL (BUILDING) RULE 2009 AS AMENDED FROM TIME TO TIME AND AS PER THE SITE CONDITION WHEREIN . THE PLOT IS BOUNDED BY BOUNDARY WALLS AND PILLARS AND IT CONFIRMS WITH THE PLAN. IT IS A BUILDABLE SITE AND NOT A TANK OR FILLED UP TANK.

SIGNATURE OF ARCHITECT  
ANIRBAN BHADURI MONDAL  
C.O.A. REG. NO. CA/2003/31394

- NOTE:-
- ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE STATED.
  - UNLESS OTHERWISE SPECIFIED ALL REINFORCEMENT SHALL BE TMT BARS OF GRADE FE-500 TO IS-1786-1985 AND ELONGATION SHALL BE MINIMUM 14.5 PERCENT.
  - CLEAR COVER FOR ALL MAIN REINF SHALL BE  
A) PILE CAP = 50 B) COLUMN = 40  
C) FLOOR BEAM = 25 D) FLOOR SLAB = 25  
E) STAIR = 25
  - GRADE OF CONCRETE M25/M30
  - GRADE OF P.C.C.
  - UNDER FOUNDATION = 1:4:8 B) UNDER FLOOR = 1:3:6
  - THIS DRAWING SHALL BE READ IN CONJUNCTION WITH RELEVANT ARCH DRAWING.
  - ANY DISCREPANCY IN THE STRUCTURAL DRAWINGS WITH ANY OTHER DRAWINGS SHALL BE BROUGHT TO THE NOTICE OF STRUCTURAL CONSULTANT.
  - DETAILS OF PILE CAP TO BE PROVIDED IN THE WORKING DRAWING.
  - FOR DETAIL OF PILE SHAFT REFER DRG. NO 00-S40-00-01.
  - THE REINFORCEMENT DETAIL MUST CONTAIN THE STIPULATION OF IS 13920:1993
  - CONSTRUCTION SHALL BE DONE AS PER IS:456(2000)

Project:  
BUILDING PLAN FOR PROPOSED 78 NOS. OF G+2 STORIED ROW HOUSING COMPLEX AT DAG NO. 808, 811, 812, 814, 815, 816, 817, 825, 839 IN MOUZA - CHAKRAZUMOLLA, BLOCK- BISHNUPUR-II, J.L. NO. -18 UNDER GRAM PANCHAYET - RASHAPUNJO, DIST.-SOUTH 24 PARGANAS

Civil & Structural Consultants:  
M.N.C CONSULTANTS (Pvt) Ltd.  
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KOLKATA - 700 107  
Ph.no.-913324418082/913340165700  
FAX NO. 913324418083  
E-MAIL: mncconpl2008@gmail.com.

Title:  
1ST FLOOR & ROOF G.A. & R.C OF ACTIVITY BLOCK

Scale: AS SHOWN Date: 14.05.2024  
Drawn: NILADRI Checked by: Approved by:  
 Design Development  Corporation Dwg  As Built Dwg  
 Contract Document  Construction Dwg  Tender Dwg.  
File Name:  
Job No. 2413  
Drawing No. C-S20-00-02