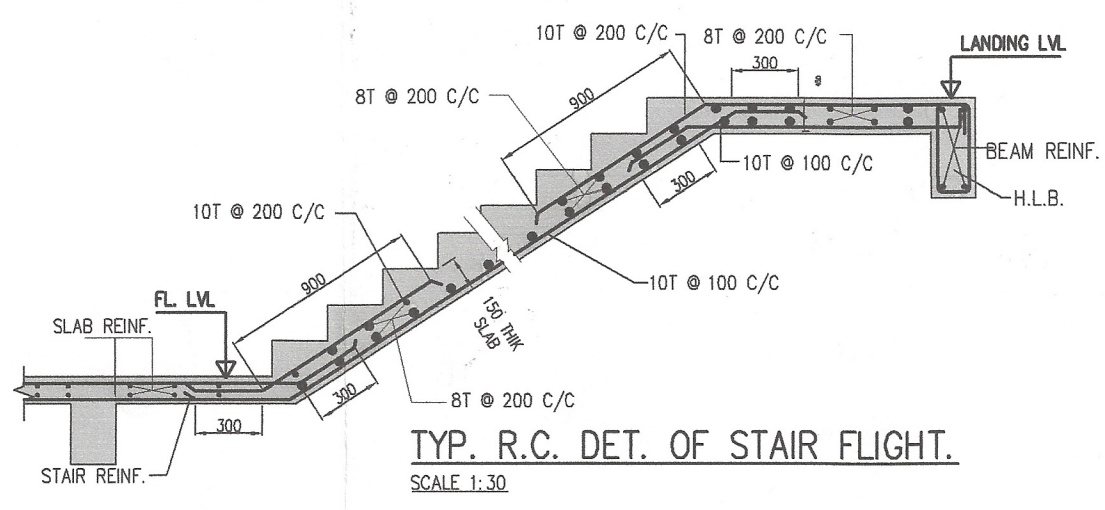


**SCHEDULE OF FLOOR BEAMS**

BEAM MKD	BEAM SIZE	BEAM REINFORCEMENT								STIRRUP		REMARKS
		END SUPPT		MID SPAN		CONT. SUPPT		CANT END		UPTO L/3 FROM SUPPT	MID SPAN	
(T)	(B)	(T)	(B)	(T)	(B)	(T)	(B)	(T)	(B)			
B-1	200x400	2-16T	2-16T	2-16T	2-16T	2-16T	2-16T	-	-	8T 2L @ 100 C/C	8T 2L @ 200 C/C	
B-2	250x400	2-16T +1-16T	2-16T	2-16T	2-16T +1-16T	2-16T +1-16T	2-16T	-	-	8T 2L @ 100 C/C	8T 2L @ 200 C/C	
B-3	250x500	2-20T +1-16T	2-20T	2-20T	2-20T +1-16T	2-20T +1-16T	2-20T	-	-	8T 2L @ 100 C/C	8T 2L @ 200 C/C	
B-4	200x400	2-16T	2-16T	2-16T	2-16T	2-16T	2-16T	-	-	8T 2L @ 100 C/C	8T 2L @ 200 C/C	RAKER BEAM



**SCHEDULE OF SLAB**

SLAB MKD	SLAB THICKNESS	SHORTER DIR.		LONGER DIR.		DISTRIBUTION
		SUPPORT	MID SPAN	SUPPORT	MID SPAN	
S1	135	8T @ 100 C/C	8T @ 100 C/C	8T @ 100 C/C	8T @ 100 C/C	8T @ 300 C/C
S2	125	8T @ 125 C/C	8T @ 125 C/C	8T @ 125 C/C	8T @ 125 C/C	8T @ 300 C/C
S3	125	8T @ 150 C/C	8T @ 150 C/C	8T @ 150 C/C	8T @ 150 C/C	8T @ 300 C/C

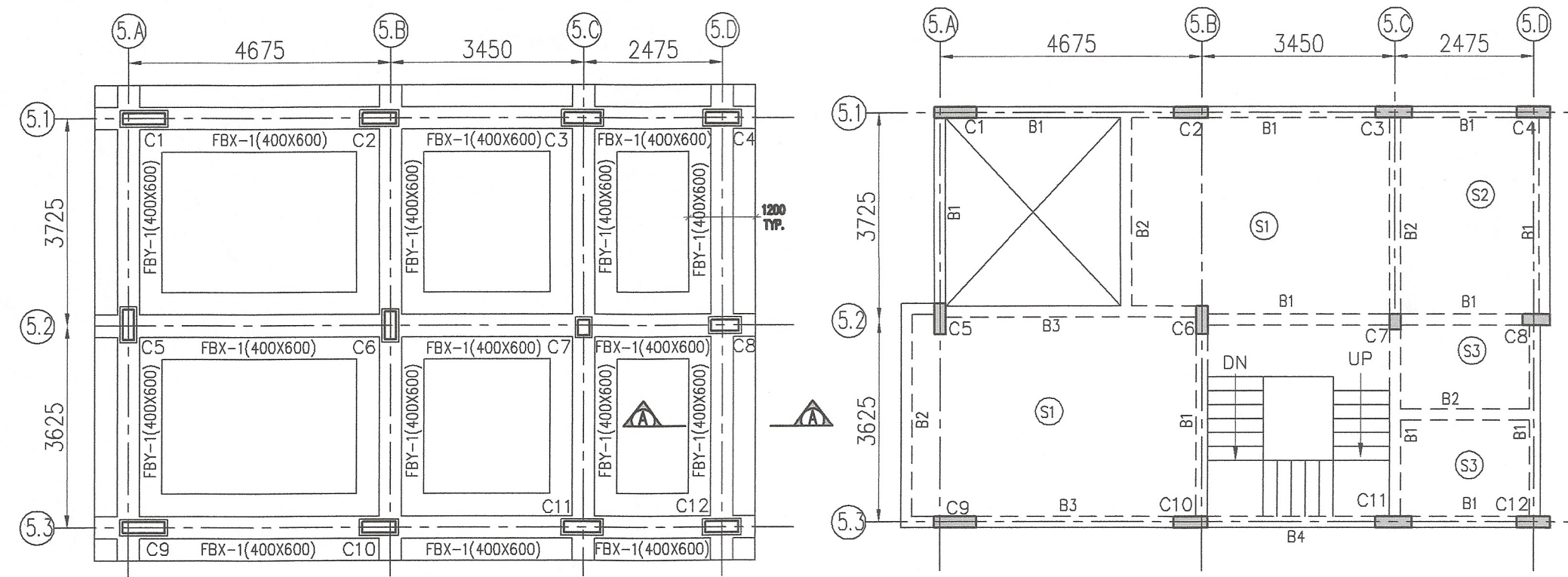
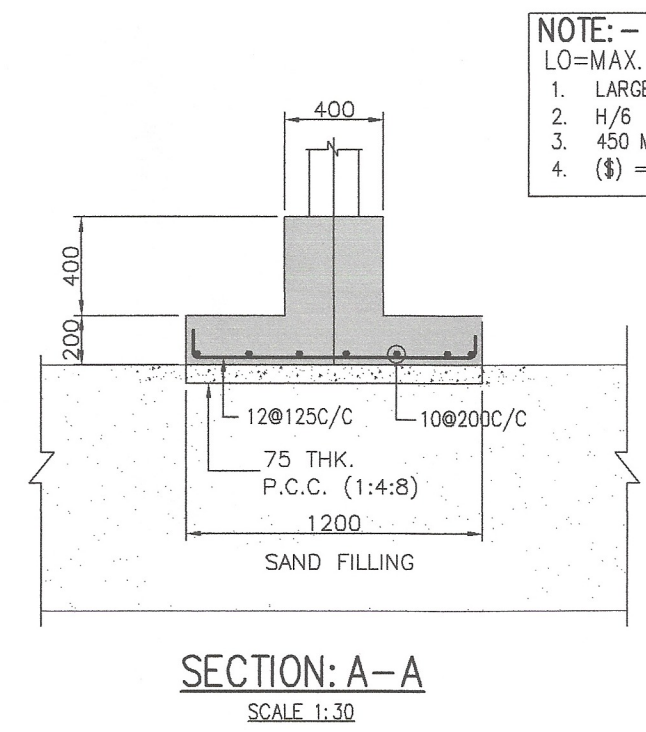
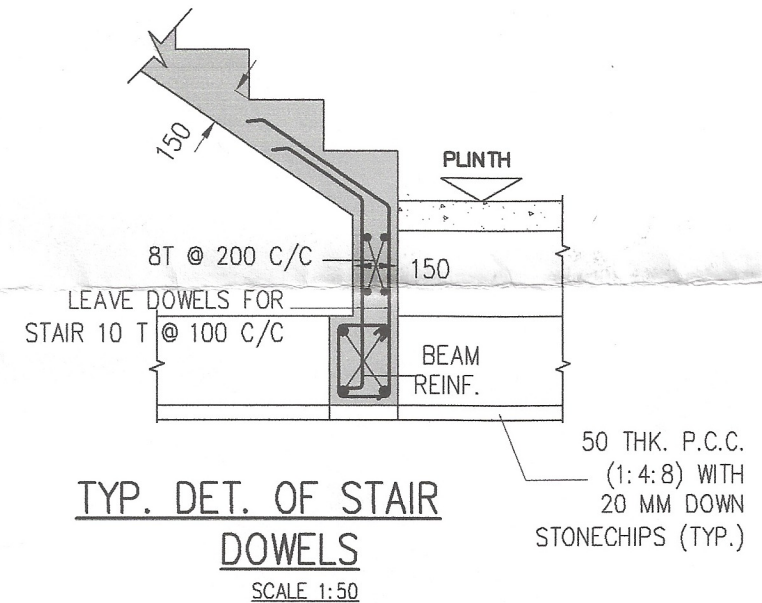
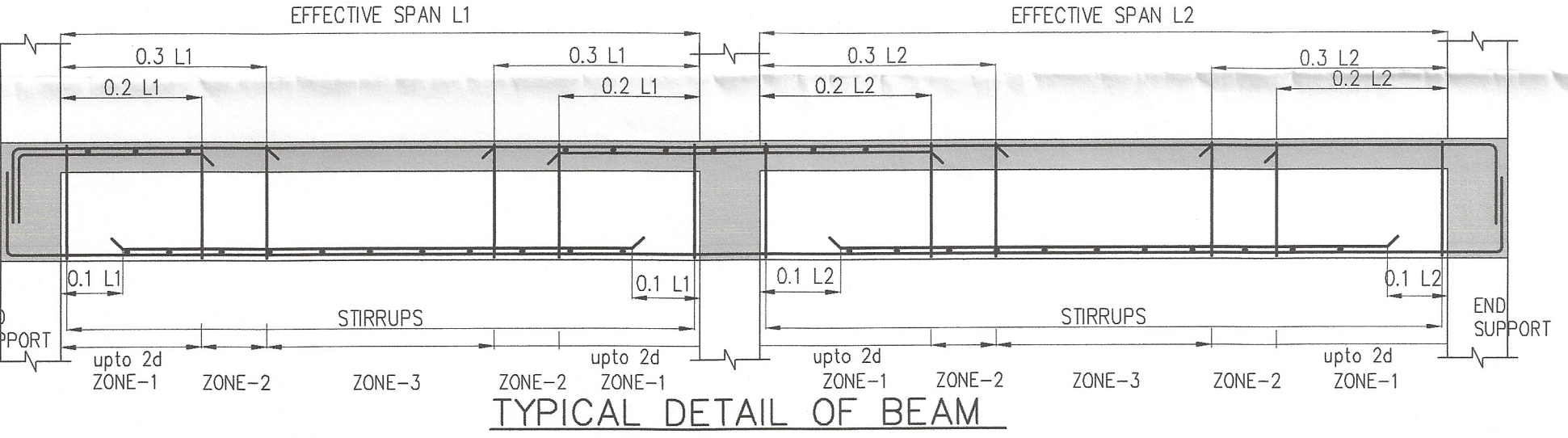
**SCHEDULE OF FOUNDATION BEAMS**

BEAM MKD	BEAM SIZE	BEAM REINFORCEMENT								STIRRUP		REMARKS
		END SUPPT		MID SPAN		CONT. SUPPT		CANT END		UPTO L/3 FROM SUPPT	MID SPAN	
(T)	(B)	(T)	(B)	(T)	(B)	(T)	(B)	(T)	(B)			
FBX-1	400x600	2-20T +2-16T	2-20T +2-16T	2-20T +2-16T	2-20T +2-16T	2-20T +2-16T	2-20T +2-16T	2-20T +2-16T	2-20T +2-16T	10T 4L @ 150 C/C	10T 4L @ 150 C/C	
FBY-1	400x600	2-20T +2-16T	2-20T +2-16T	2-20T +2-16T	2-20T +2-16T	2-20T +2-16T	2-20T +2-16T	2-20T +2-16T	2-20T +2-16T	10T 4L @ 150 C/C	10T 4L @ 150 C/C	

**SCHEDULE OF COLUMN**

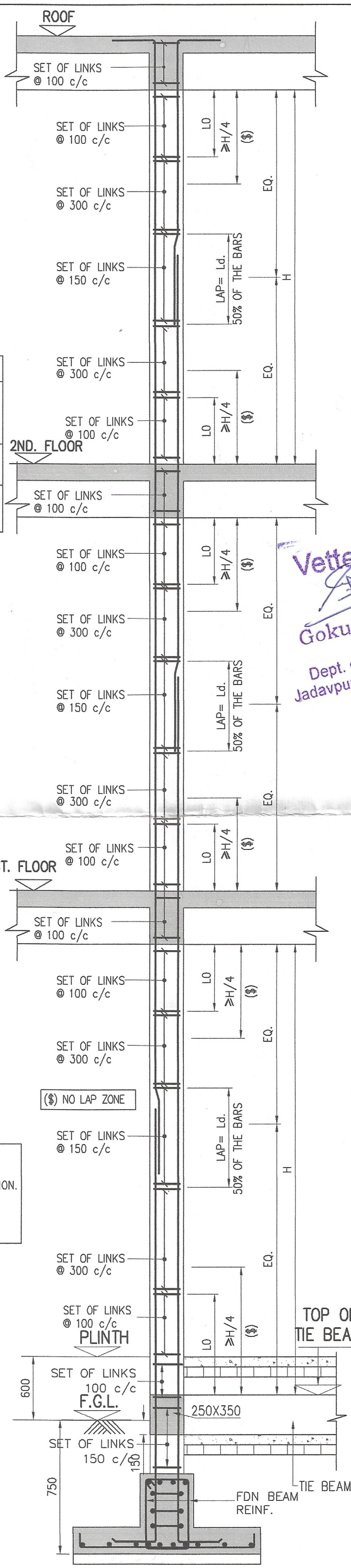
LEVEL	COL. MKD.	M-25	M-25	M-25	M-25	M-25	M-25
TO 2nd FLOOR		4-16T +10-12T	4-16T +8-12T	4-16T +8-12T	4-16T +6-12T	4-16T	4-16T +8-12T
TO FOUNDATION		4-16T +10-12T	4-16T +8-12T	4-16T +8-12T	4-16T +6-12T	4-16T	4-16T +8-12T
LEVEL		200x750 C1&C9	600x200 C2,C3,C4,C10&12	200x500 C5	200x500 C6&C8	200x275 C7	650x200 C11

10T FOR CLOSE LINKS & 8T FOR OPEN LINKS



**FOUNDATION LAYOUT PLAN**  
3BHK(LARGE BUNGALOW)  
SCALE 1:100

**1ST FLOOR G.A**  
3BHK(LARGE BUNGALOW)  
SCALE 1:100



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

**DTC PROJECTS PVT. LTD.**  
*Ravi Khaitan*  
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 LOADS AS PER NATIONAL BUILDING CODE OF INDIA AND CERTIFY THAT IT IS SAFE AND STABLE IN ALL RESPECTS.

*Ankit Agarwala*  
**ANKIT AGARWALA**  
B.E. (CIVIL), M.E. (STR)  
G. ENG. M.I. STRUCT. E. (LONDON)  
Membership No.-078392965  
KMC EMPANELLED STRUCTURAL ENGINEER,  
CLASS-1, E.S.E. 1 / 172

SIGNATURE OF STRUCTURAL ENGINEER :

CERTIFY THAT THE BUILDING PLAN HAS BEEN DRAWN UP AS PER AMENDMENT 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 TANKOR FILLED UP TANK.

*Gokul Mondal, PhD*  
**Gokul Mondal, PhD**  
Professor  
Dept. of Construction Engg  
Jadavpur University, Kolkata-106

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

SIGNATURE OF ARCHITECT :

NOTE:-  
1. ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE STATED.  
2. UNLESS OTHERWISE SPECIFIED ALL REINFORCEMENT SHALL BE TMT. BARS OF GRADE FE-500D TO IS-1786-1985 AND ELONGATION SHALL BE MINIMUM 14.5 PERCENT.  
3. 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  
4. GRADE OF CONCRETE M25/M30  
5. GRADE OF P.C.C.  
A) UNDER FOUNDATION = 1:4:8 B) UNDER FLOOR = 1:3:6  
6. THIS DRAWING SHALL BE READ IN CONJUNCTION WITH RELEVANT ARCH DRAWING.  
7. ANY DISCREPANCY IN THE STRUCTURAL DRAWINGS WITH ANY OTHER DRAWINGS SHALL BE BROUGHT TO THE NOTICE OF STRUCTURAL CONSULTANT.  
8. DETAILS OF PILE CAP TO BE PROVIDED IN THE WORKING DRAWING.  
9. FOR DETAIL OF PILE SHAFT REFER DRG. NO. 00-540-00-01.  
10. THE REINFORCEMENT DETAIL MUST CONTAIN THE STIPULATION OF IS 13920:1993  
11. 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. CONSULTANTS (Pvt) Ltd.**  
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1516, RAJDANGA MAIN ROAD  
KOLKATA - 700 107  
Ph.no.-913324418082/913340165700  
FAX NO. 913324418083  
E-MAIL: mnconpl2008@gmail.com

Title:  
**FOUNDATION, FLOOR PLANS WITH SECTIONS & TYP. DETAILS. (3BHK LARGE BUNGALOW)**

Scale:- AS SHOWN	Date: 30.04.2024
Drawn: A.N.	Checked by: Approved by:
<input type="checkbox"/> Design Development	<input type="checkbox"/> Construction Dwg
<input type="checkbox"/> Contract Document	<input type="checkbox"/> Tender Dwg.
File Name:	
Job No. 2413	Revision No.:
Drawing No. R-S20-00-05	Revision Date:

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