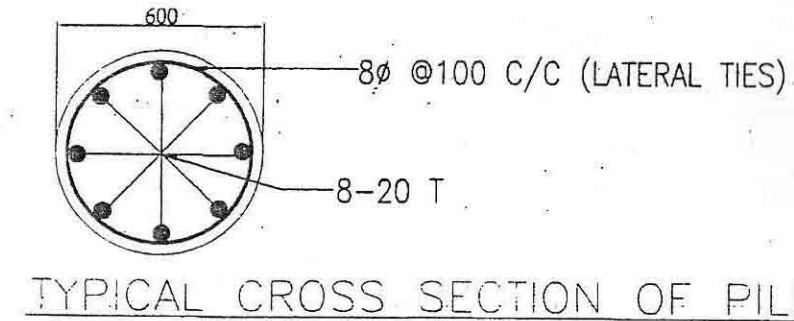
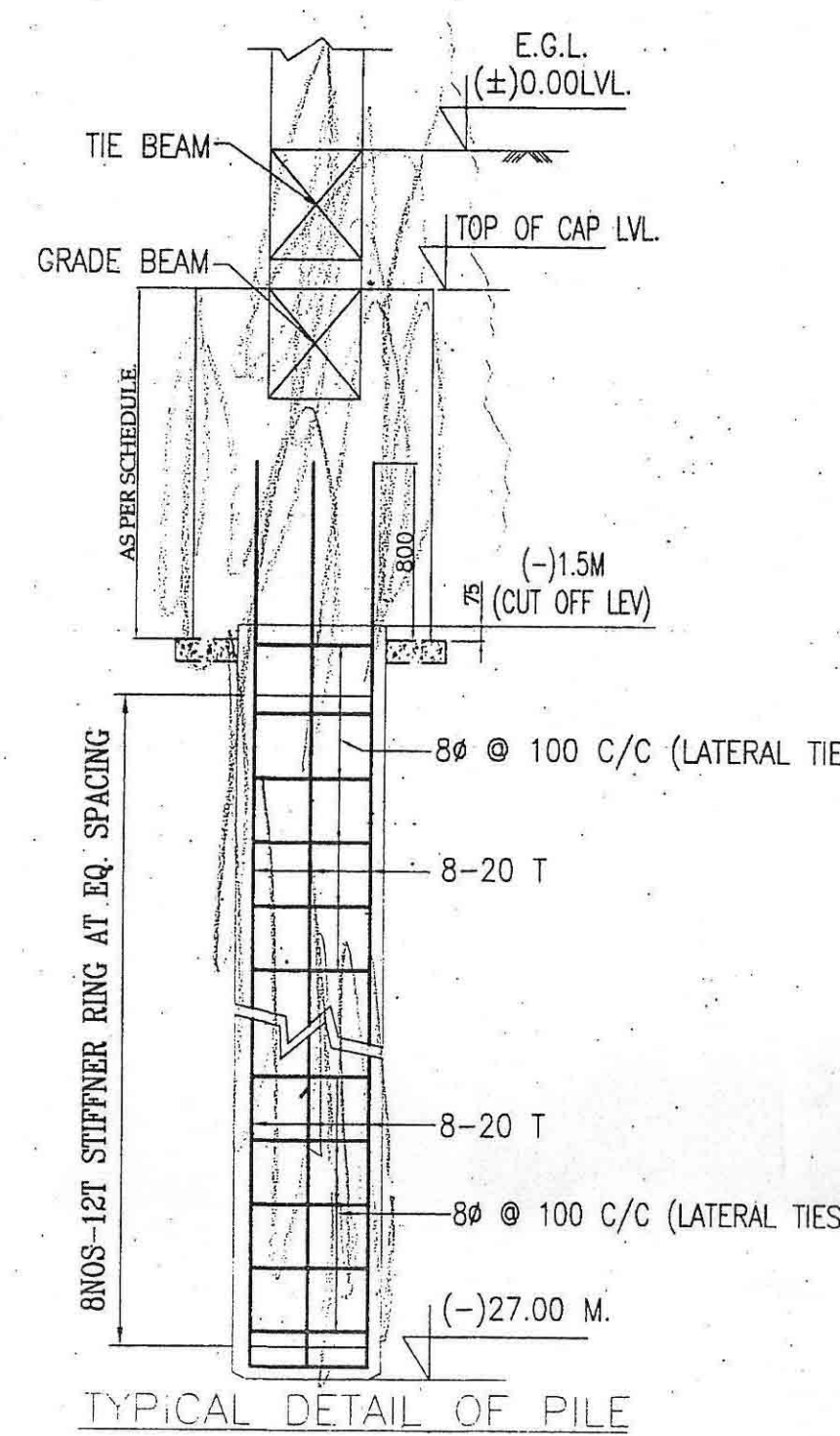
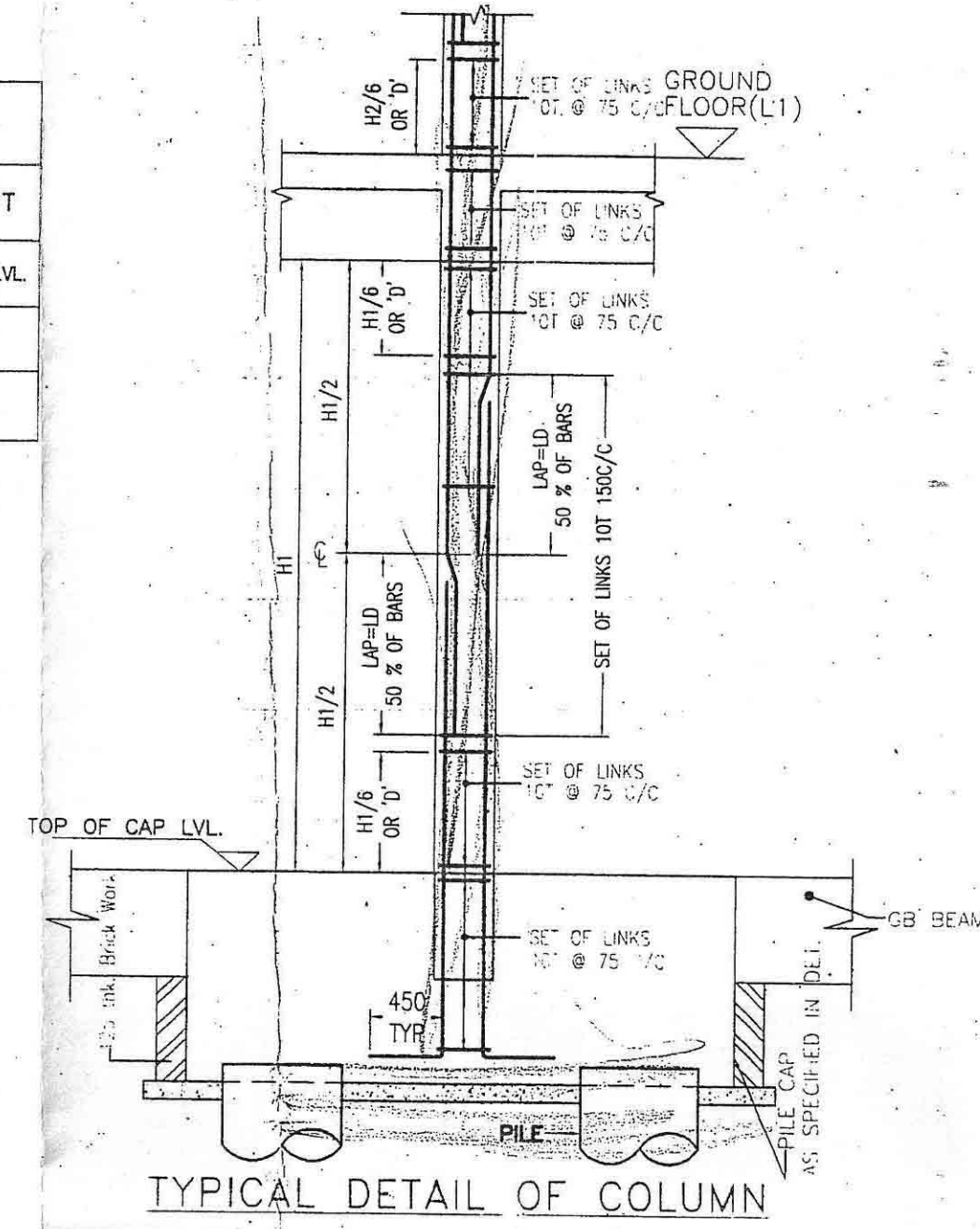
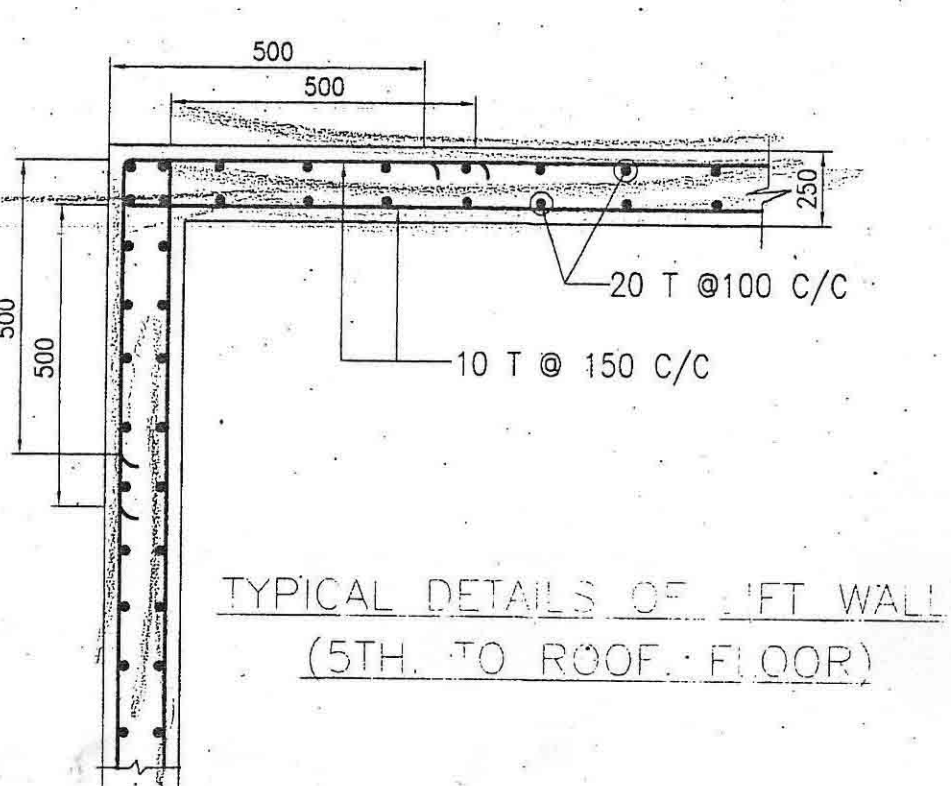
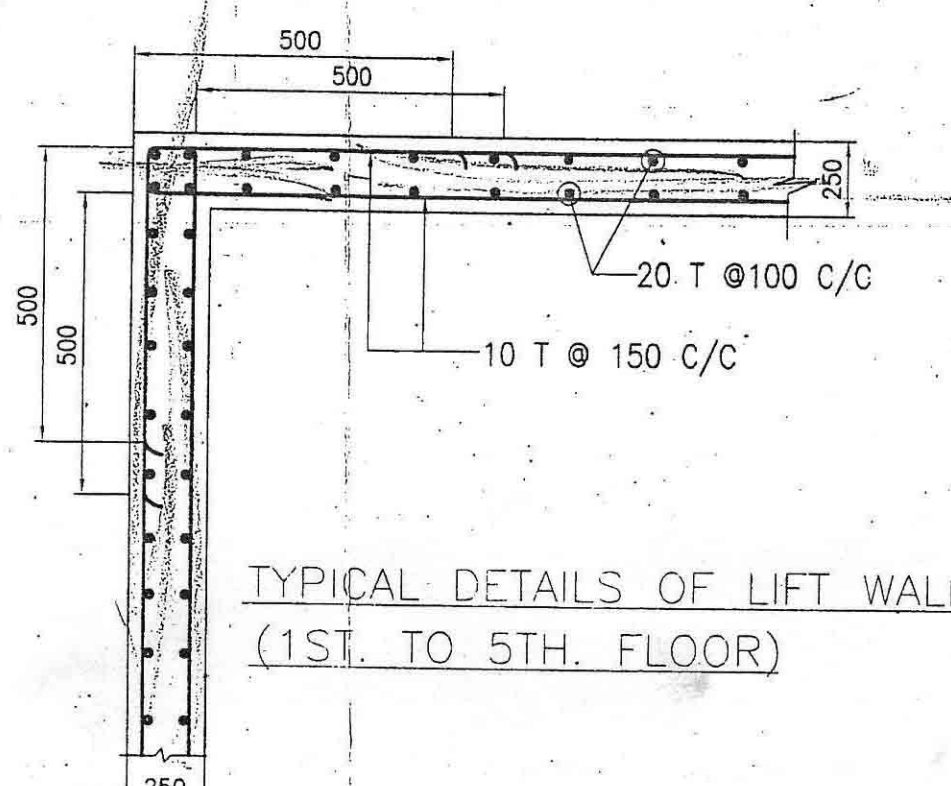
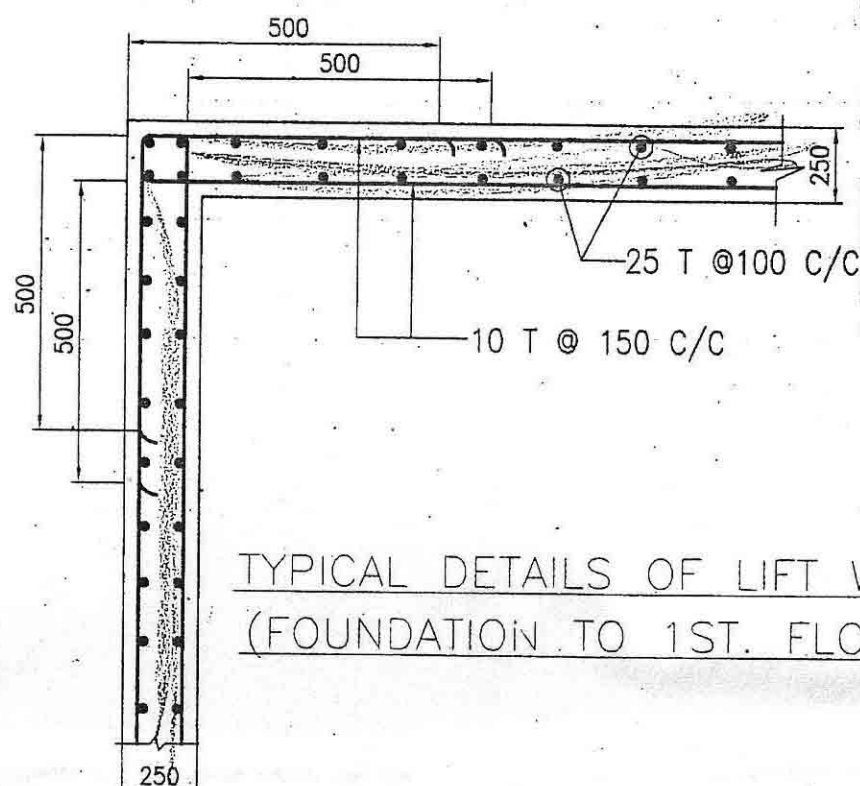


COLUMN SCHEDULE

GRADE OF CONCRETE - M30	28-25 TOR	4-32 T + 16-25 T	8-20 T	7-20 T + 9-16 T	3-32 TOR	3-24 TOR	3-20 TOR	3-32 TOR	1-32 T + 1-25 T	8-24 T + 12-25 T	2-25 TOR	3-32 TOR	3-25 T	28-25 T	10-25 T + 12-20 T	8-25 T + 20-20 T	2-20 T	4-32 T	4-32 T
5TH FL. LVL. TO 6TH FL. LVL.	4-32 T + 24-25 T	28-32 TOR	4-25 T + 4-23 T	7-25 T + 9-20 T	3-32 TOR	3-24 TOR	3-20 TOR	3-32 TOR	10-32 T + 10-25 T	20-25 TOR	2-20 TOR	3-32 TOR	3-25 T	28-25 T	10-25 T + 12-20 T	8-25 T + 20-20 T	2-20 T	4-32 T	4-32 T
FOUNDATION TO	COL. SIZE	10T @ 75 C/C UP TO 750 FROM BEAM SOFFIT & SLAB TOP & REST PORTION 10T @ 150 C/C																	
LINK	C1, C2	SW1	SW2	SW3	C3	SW4, SW5	SW6	C4	C5, C6	C7, C8	C11	C9	C10, C15	C13, C14	C18	C17	C16	C19	C12
COL. MARKED																			

SCHEDULE OF FLOOR AND ROOF SLAB

PANEL MKD.	REINFORCEMENT IN SHORTER DIRECTION	REINFORCEMENT IN LONGER DIRECTION
S1(150 TK)	10 TOR @ 125 C/C(Top) 10 TOR @ 150 C/C(Bottom)	10 TOR @ 150 C/C(Top) 10 TOR @ 175 C/C(Bottom)
S2(175 TK)	10 TOR @ 125 C/C(Top) 10 TOR @ 150 C/C(Bottom)	10 TOR @ 175 C/C(Top) 10 TOR @ 125 C/C(Bottom)
S3(200 TK)	10 TOR @ 100 C/C(Top) 10 TOR @ 125 C/C(Bottom)	10 TOR @ 125 C/C(Top) 10 TOR @ 150 C/C(Bottom)
S4(200 TK)	10 TOR @ 125 C/C(Top) 10 TOR @ 150 C/C(Bottom)	10 TOR @ 125 C/C(Top) 10 TOR @ 150 C/C(Bottom)
S5(225 TK)	10 TOR @ 100 C/C(Top) 10 TOR @ 125 C/C(Bottom)	10 TOR @ 125 C/C(Top) 10 TOR @ 150 C/C(Bottom)



2.5 MM Ø ELECTROD SHALL BE USED FOR WELDING ONLY

GRADE OF CONCRETE - M30

MIN. CEMENT CONTENT IN CONCRETE SHALL BE = 400kg/m³

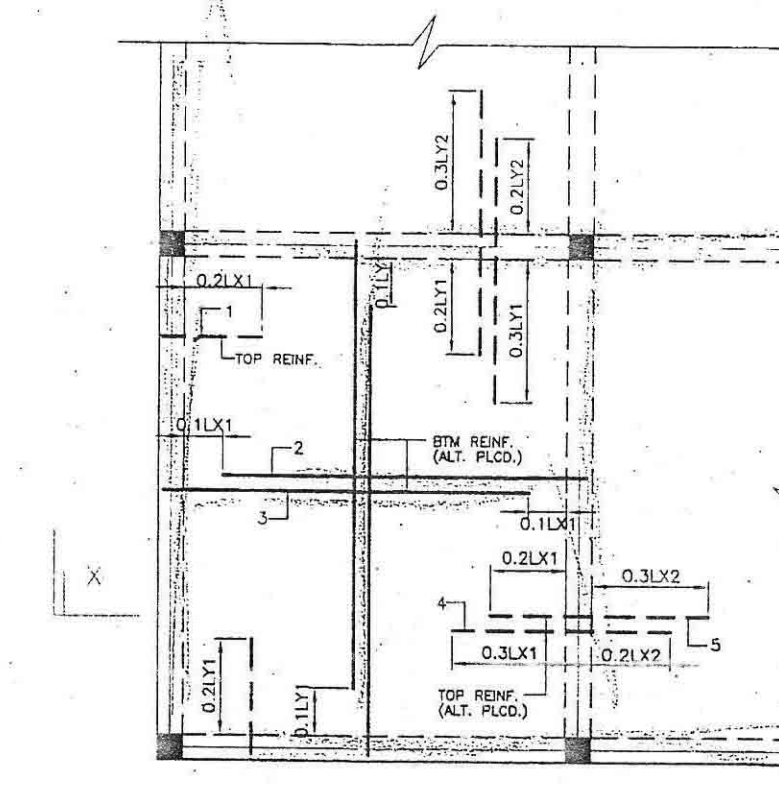
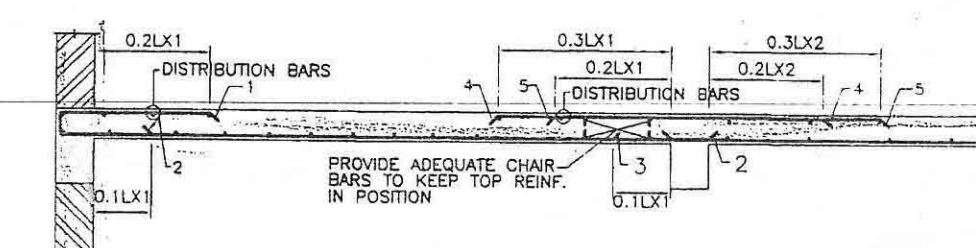
PILE MKD.	SYMBOL	Ø	LENGTH OF PILE	CAPACITY
P1		600 Ø	27.00M	75.0T

BEAM SCHEDULE

BEAM MKD.	BEAM SIZE	REINFT. AT SUPPT.	REINFT. AT SPAN	STIRRUPS	SPAN
B1	400 x 600	5-16 T	5-25 T	5-16 T	5-25 T
B2, B3	750 x 600	7-25 T	7-20 T	7-25 T	7-20 T
B4	750 x 600	7-25 T	7-20 T	7-25 T	7-20 T
B5	250 x 600	3-20 T	3-20 T	3-20 T	3-20 T
B6	300 x 250	3-20 T	3-25 T	3-20 T	3-25 T
B7, B12	250 x 600	3-25 T	3-25 T	3-25 T	3-25 T
B8, B10	400 x 600	5-25 T	5-25 T	5-25 T	5-25 T
B9, B11	400 x 600	5-25 T	5-25 T	5-25 T	5-25 T
B11A	400 x 600	5-25 T	5-25 T	5-25 T	5-25 T
B13	750 x 600	7-25 T	7-25 T	7-25 T	7-25 T
B15A	750 x 600	7-25 T	7-25 T	7-25 T	7-25 T
B14	750 x 750	7-32 T	7-32 T	7-32 T	7-32 T

PILE CAP SCHEDULE

TYPE	SIZE	DEPTH	REINFORCEMENT IN SHORTER DIRECTION	REINFORCEMENT IN LONGER DIRECTION
1P	900X900	900	12 TOR @ 100 C/C(Top) 16 TOR @ 100 C/C(Bottom)	12 TOR @ 100 C/C(Top) 16 TOR @ 100 C/C(Bottom)
50P	8100X7100	1500	25 TOR @ 100 C/C(Top) 25 TOR @ 100 C/C(Bottom)	25 TOR @ 100 C/C(Top) 25 TOR @ 100 C/C(Bottom)
99P	15300X17100	1500	32 TOR @ 100 C/C(Top) 32 TOR @ 100 C/C(Bottom)	32 TOR @ 100 C/C(Top) 32 TOR @ 100 C/C(Bottom)
180P	21500X28185	1500	32 TOR @ 100 C/C(Top) 32 TOR @ 100 C/C(Bottom)	32 TOR @ 100 C/C(Top) 32 TOR @ 100 C/C(Bottom)



STRUCTURAL PLAN OF PROPOSED B+G+XI STORIED MARKENTILE CUM ASSEMBLY BUILDING WITH 3-SCREENS MULTIPLE OF SRI RABINDRA NATH BANIK AND SRI RATHINDRA NATH BANIK AT HOLDING NO. - 1123, LAKE TOWN, BLOCK-'A', WARD NO. - 30. KOL-700089. AT MOUZA-PATIPUKUR, J.L. NO.- 23, P.S. - LAKE TOWN, DISTRICT - NORTH 24 PARGANAS, UNDER SOUTH DUM DUM MUNICIPALITY

NOTE:-

1. ALL DIMENSIONS ARE IN MM. UNLESS OTHERWISE MENTIONED.
2. ANY AMBIGUITY IN THE DRAWINGS SHOULD BE IMMEDIATELY BROUGHT TO THE NOTICE OF THE CONSULTANT BEFORE COMMENCING.
3. SUPER STRUCTURE : SUPER STRUCTURE SHALL BE OF 1ST CLASS BRICK IN 1:6 CEMENT MORTAR.
4. THIS DRAWING IS TO BE READ ALONG WITH ALL RELEVANT ARCHITECTURAL DRAWINGS.
5. ALL GRADE OF CONCRETE M30 UNLESS OTHERWISE NOTED.
6. ALL MATERIALS SHALL CONFORM TO RELEVANT I.S. CODES.
7. FOR STEEL GRADE Fe 500 AS PER IS 1786-2008.
8. ALL DISTRIBUTION BARS ARE 8T @ 250 C/C AND TO BE PROVIDED.
9. ALL CHAIRS ARE 10T AND TO BE PROVIDED WHEREVER REQUIRED.
10. ALL SPACER BARS ARE 25T @ 300 C/C AND TO BE PROVIDED.
11. LAPS, SPLICES & BOND LENGTH SHOULD BE 50 D WHERE 'D' IS DIA OF BAR.
12. FOUNDATION & PLINTH : BRICKWORK IN FOUNDATION & PLINTH SHALL BE OF 1ST CLASS BRICK IN 1:6 CEMENT MORTAR.
13. MINIMUM CLEAR COVER TO MAIN REINFORCEMENT IS AS FOLLOWS:

MEMBER	TOP	BOTTOM	SIDE
a. PILE	50	50	50
b. PILE CAP	75	75	75
c. COLUMN	40	40	40
d. FLOOR BEAM	30	30	30
e. TIE BEAM	30	30	30
f. FLOOR SLAB	20	20	20
14. SPECIFIC GRAVITY OF THE BENTONITE SHALL BE MAINTAINED AT 1.1 TO 1.2 BEFORE CASTING OF PILE.

CERTIFICATE OF OWNER

CERTIFIED THAT WE WILL NOT ON A LATER DATE MAKE ANY ADDITION OR ALTERATION TO THIS PLAN SO AS TO CONVERT IT FOR OUR USE OR ALLOW IT TO BE USED FOR SEPARATE PLAT PER FLOOR PER STORED. WE HAVE DONE THROUGH THE BUILDING RULES OF SOUTH DUM DUM MUNICIPALITY IN VOICE AND HAVE UNDERTAKE TO ABIDE BY THOSE RULES DURING AND AFTER CONSTRUCTION OF THE BUILDING. WE DO HEREBY DECLARE THAT THERE IS NO COURT CASE OR ANY COMPLAINT/DISPUTE FROM ANY CORNER IN RESPECT OF OUR LAND/PROPERTY AS PER PLAN. WE HAVE NOT SOLD/TRANSFERRED ANY PART OF OUR LAND /PROPERTY TO ANY BODY UNTIL NOW IF ANY DISPUTE ARISES IN FUTURE SOUTH DUMDUM MUNICIPALITY WILL NOT BE RESPONSIBLE WE WILL REPAIR/RECONSTRUCT EXISTING PORTION OF ROAD/DRAIN IN FRONT OF OUR PREMISES IF ANY DAMAGE OCCURS AT THE TIME OF CONSTRUCTION OF OUR BUILDING.

Robinson Nath Banik
Rabindra Nath Banik

SIGNATURE OF OWNERS

CERTIFICATE OF ENGINEER

CERTIFIED THAT THE FOUNDATION AND THE SUPERSTRUCTURE OF THE BUILDING HAVE BEEN SO DESIGNED BY ME AS TO BE SAFE IN ALL RESPECT INCLUDING THE CONSIDERATION OF BEARING CAPACITY AND SETTLEMENT OF SOIL ETC. AS PER I.S.I. STANDERD AND N.B.CODE. CERTIFIED THAT THE PLAN HAS BEEN DESIGNED AND DRAWN UP STRICTLY ACCORDING TO THE BUILDING RULES OF SOUTH DUM DUM MUNICIPALITY. I AS STRUCTURAL ENGINEER HEREBY INDEMNIFY SOUTH DUMDUM MUNICIPALITY FROM ANY STRUCTURAL DEFECT AND / OR FAILURE OF THE PROPOSED BUILDING AFTER OR DURING THE CONSTRUCTION. HOWEVER STRUCTURAL DESIGN CALCULATIONS ARE SUBMITTED FOR REFERENCE AND RECORDS.

Tapas Kumar Roy
TAPAS KUMAR ROY
ARCHITECT
Regn. No. CA/2010/49480

SIGNATURE OF ARCHITECT

Rupak Kumar Banerjee
RUPAK KUMAR BANERJEE
M.E. (Struct), C.E.
K.M.C. ESE-92 (1)

SIGNATURE OF GEOTECH.

MS. MITA SAHA
M.E. (Struct), C.E.
K.M.C. ESE-92 (1)

MS. MITA SAHA
M.E. (Struct), C.E.
K.M.C. ESE-92 (1)

MS. MITA SAHA
M.E. (Struct), C.E.
K.M.C. ESE-92 (1)

SIGNATURE OF THE L.B.S

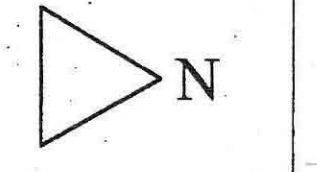
SIGNATURE OF THE ENGINEER

DRAWING TITLE:-

PILE & GROUND FLOOR BEAM LAYOUT PLAN, SCHEDULE OF PILE CAP, FLOOR BEAM & SLAB, COLUMN SCHEDULE, LONG SECTION OF PILE, STAIR, LIFT SECTION, BEAM & GRADE BEAM

STRUCTURAL CONSULTANT :-
Mita Saha
Sub-Lake City,
AG-89, Sector-II,
Kolkata-700 091
E-mail: mitasaha@yahoo.co.in
Mob. no.: -09831888112

DRAWN BY:-
S.SANTRA
SCALE - 1:100
CHECKED BY:-
MITA SAHA
SHEET - 81



FOUNDATION LAYOUT PLAN
SCALE 1:100

GROUND FLOOR BEAM LAYOUT PLAN
SCALE 1:100

18288 WIDE LAKE TOWN MAIN ROAD

12192 WIDE ROAD

729

1. The sanction is valid for a period of two years from the date of sanction.
2. Sanction is given on the basis of the information furnished by the applicant and the documents submitted by him.
3. The sanction is given on the basis of the information furnished by the applicant and the documents submitted by him.
4. The sanction is given on the basis of the information furnished by the applicant and the documents submitted by him.
5. The sanction is given on the basis of the information furnished by the applicant and the documents submitted by him.

PHASE I
SANCTIONED Provisionally up to
ground floor roof casting. Final
Sanction will be accorded in
Phase II after completion of
ground floor RCC structure as per
Provisionally sanctioned plan in
Phase I.

CH. 1/2/14
CH. 1/2/14
DATE: 12/12/14

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