

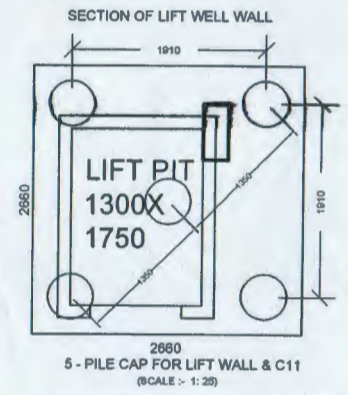
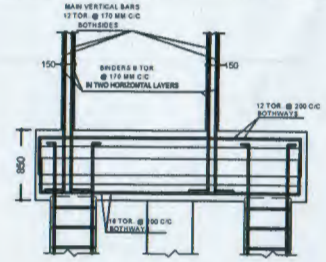
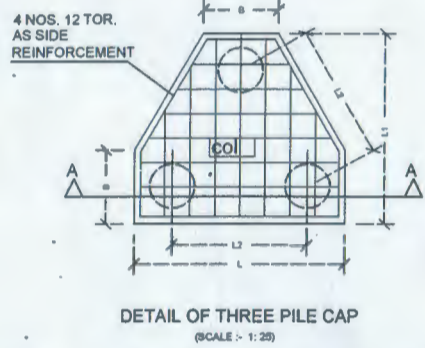
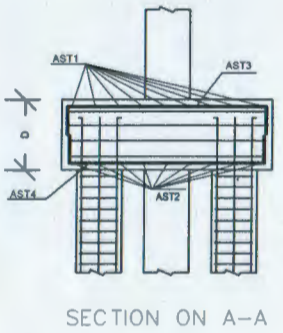
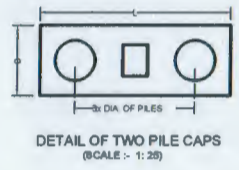
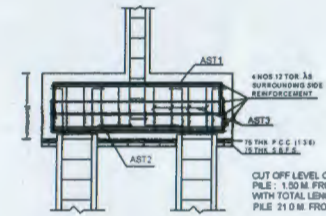
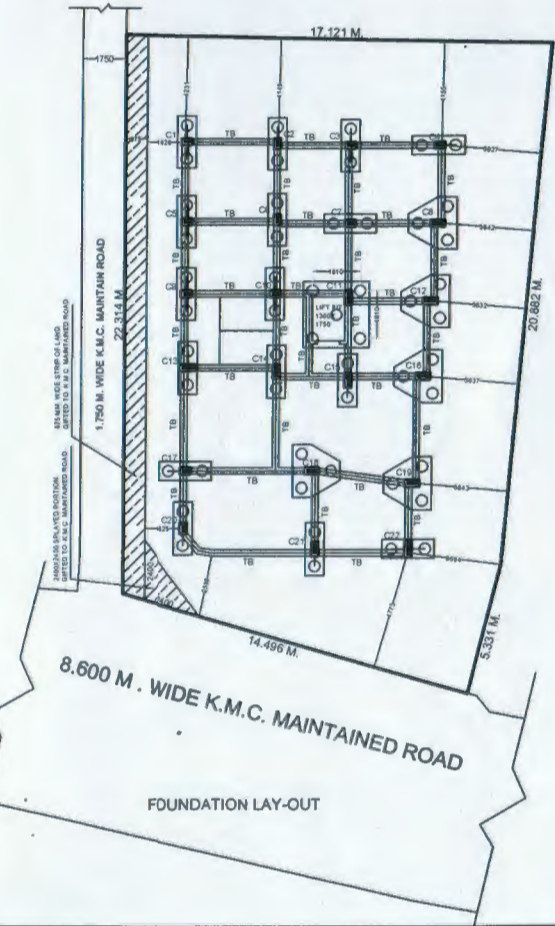
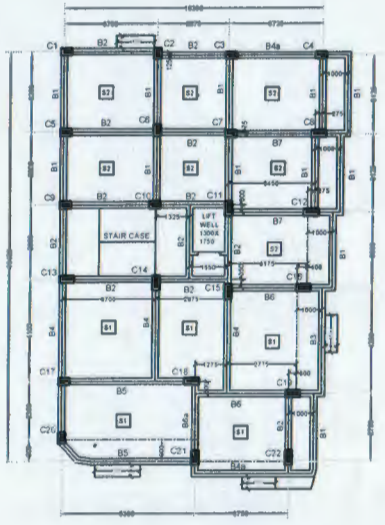
SCHEDULE OF R.C.C. BEAM						
BEAM NO.	BEAM SIZE (WxD)	SUPPORT REINFORCEMENT		SPAN REINFORCEMENT		STRENGTH
		TOP	BOTTOM	TOP	BOTTOM	
B1	200X300	3-18 +1-12	3-18 +1-12	3-18 +1-12	3-18 +1-12	2L - 8 @ 175 mm. 4L @ 175 mm. 4L
B2	200X300	3-18	3-18	3-18	3-18	2L - 8 @ 175 mm. 4L @ 175 mm. 4L
B3	200X300	3-18	4-18	3-18	4-18	2L - 8 @ 175 mm. 4L @ 175 mm. 4L
B4	200X300	3-18 +3-18	3-18	3-18	3-18 +3-18	2L - 8 @ 175 mm. 4L @ 175 mm. 4L
B5	200X400	3-18 +3-18	3-18	3-18	3-18 +3-18	2L - 8 @ 175 mm. 4L @ 175 mm. 4L
B6	200X400	3-18 +3-18	3-18	3-18	3-18 +3-18	2L - 8 @ 175 mm. 4L @ 175 mm. 4L
B7	200X400	3-18 +3-18	3-18	3-18	3-18 +3-18	2L - 8 @ 175 mm. 4L @ 175 mm. 4L
B8	200X400	3-18 +3-18	3-18	3-18	3-18 +3-18	2L - 8 @ 175 mm. 4L @ 175 mm. 4L
B9	200X400	3-18 +3-18	3-18	3-18	3-18 +3-18	2L - 8 @ 175 mm. 4L @ 175 mm. 4L
B10	200X400	3-18 +3-18	3-18	3-18	3-18 +3-18	2L - 8 @ 175 mm. 4L @ 175 mm. 4L
B11	200X400	3-18 +3-18	3-18	3-18	3-18 +3-18	2L - 8 @ 175 mm. 4L @ 175 mm. 4L
B12	200X400	3-18 +3-18	3-18	3-18	3-18 +3-18	2L - 8 @ 175 mm. 4L @ 175 mm. 4L

SCHEDULE OF R.C.C. SLAB		
SLAB NO.	SLAB THICK.	REINFORCEMENT ALONG SHORTER DIR. AND LONGER DIR.
S1	125 mm	4 @ 150 mm c/c top and bottom
S2	118 mm	4 @ 150 mm c/c top and bottom
STAIR CASE SLAB	180 mm	4 @ 150 mm c/c top and bottom

SCHEDULE OF THREE PILE CAP												
PILE CAP	PILE CAP UNDER COLUMNS	PILE DIA.	PILE REINFORCEMENT	L (mm)	L1 (mm)	L2 (mm)	B (mm)	D (mm)	As1	As3	As2	As4
PC1	C8,C12,C15,C16,C18,C19	450mm	8-12T RT @ 200mm C/C	2100	1920	1350	750	850	120 @ 170mm C/C	120 @ 170mm C/C	100 @ 170mm C/C	160 @ 170mm C/C

SCHEDULE OF TWO PILE CAPS									
PILE CAP	PILE CAP UNDER COLUMNS	PILE DIA.	PILE REINFORCEMENT	L (mm)	B (mm)	D (mm)	As1	As2	As3
PC2	C13,C14,C17,C21,C22	450mm	8-12T RT @ 200mm C/C	2100	750	850	7-10	7-10	10 @ 4L @ 150 C/C
PC3	C4,C6,C7,C9,C10	450mm	8-12T RT @ 200mm C/C	2100	750	850	6-10	6-10	8 @ 4L @ 150 C/C
PC4	C1,C2,C3,C5,C20	450mm	8-12T RT @ 200mm C/C	2100	750	850	5-10	5-10	8 @ 4L @ 150 C/C
PC5	LIFT WALL - C11	450mm	8-12T RT @ 200mm C/C	2660	2660	850	12 @ 200 C/C BOTH WAYS	16 @ 200 C/C BOTH WAYS	

SCHEDULE OF COLUMNS				
COLUMN MARKED	COLUMN SIZE	MAIN LONG REINFORCEMENTS UP TO 2ND FLOOR ABOVE/BELOW ROOF	LATERAL TIE	
C18,C19,C16	250X350	12-18	6-18 + 6-12	8 TOR 4L @ 175 C/C
C8,C12,C15,C21,C22	250X350	16-18	6-18	8 TOR 4L @ 175 C/C
C11,C13,C14	250X350	16-18 + 2-12	16-18 + 6-12	8 TOR 4L @ 175 C/C
C4,C6,C7,C9,C10,C17	250X400	16-18	6-18	8 TOR 3L @ 150 C/C
C1,C2,C3,C5,C20	250X400	6-18	16-18 + 6-12	8 TOR 3L @ 150 C/C
LIFT WALL	180 mm dia	120 @ 170 mm c/c in two vertical layers		8 @ 170 MM C/C



STRUCTURAL PLAN OF PROPOSED G+IV STORIED RESIDENTIAL BUILDING LRS 393 A OF KMC ACT 1980 COMPLYING K.M.C. BUILDING RULES 2000 AT PREMISES NO- 13/2, NABAPALLY MAIN ROAD, WARD NO-143, BR- XVI, UNDER K.M.C.

OWNER - SRI DIPAK BHATTACHARYA, SRI PARTHA SARKAR, SRI SANJAY BHATTACHARYA & SMT ARCHANA CHAKRABORTY

- SPECIFICATIONS**
- GRADE OF CONCRETE USED - M20
  - GRADE OF STEEL USED - Fe-500
  - MORTAR USED IN CORNER & 250mm TH BRICK WALLS
  - MORTAR USED IN 75mm & 125mm TH BRICK WALLS
  - FIRST CLASS BRICKS TO BE USED ONLY
  - C/C'S TO BE USED BY 40MM TH D.P.C
  - LIME TERRACING ON ROOF - 2:3
  - ASSUMED BEARING CAPACITY 7 TOR / SQM

DESIGNER: *Hala Kusheer*  
SIGN OF ARCHITECT (MALA MUKHERJEE, REG. NO - CA00167878)

ENGINEER: *Charan Paul*  
SIGN OF STRUCTURAL ENGINEER (BHASKAR ROY, E.S.E. NO - 11143)

CONTRACTOR: *Charan Paul*  
SIGN OF CONTRACTOR (BHASKAR ROY, E.S.E. NO - 11143)

SCALE: 1:100  
DRAWN BY: BIRWAJIT PAL  
CONSULTANT: **DISHARI**  
8, SUBOCH BANERJEE ROAD, BARISHA, KOLKATA - 700 008.  
HELLO: 9331060804