

SCHEDULE OF R.C.C. FOUNDATION.

PILE CAP MKD.	UNDER COLUMN	SIZE OF CAP A X B	NO. OF PILE	DIA OF PILE	REINFORCEMENT				DEPTH OF PILE CAP
					TOP LAYER		BOTTOM LAYER		
					SHORTER SPAN	LONGER SPAN	SHORTER SPAN	LONGER SPAN	
P1	C2/C3/C6/C7/C8/ C18/C21/C22	800X2050	2	500 Ø	12 Ø @ 125 C/C	12 Ø @ 125 C/C	12 Ø @ 125 C/C	12 Ø @ 125 C/C	750
P2	C12	AS PER DRG.	3	500 Ø	13 Ø @ 125 C/C	16 Ø @ 125 C/C	16 Ø @ 125 C/C	16 Ø @ 125 C/C	750
P3	C8/C19	AS PER DRG.	3	500 Ø	13 Ø @ 125 C/C	16 Ø @ 125 C/C	16 Ø @ 125 C/C	16 Ø @ 125 C/C	750
P4	C10+C11+C14+ C15/LIFT	4425X5000	11	500 Ø	13 Ø @ 125 C/C	16 Ø @ 125 C/C	16 Ø @ 125 C/C	16 Ø @ 125 C/C	750
P5	C1/C4/C5/C13/ C16/C17/C20/C23	750X1875	2	500 Ø	12 Ø @ 125 C/C	12 Ø @ 125 C/C	12 Ø @ 125 C/C	12 Ø @ 125 C/C	750

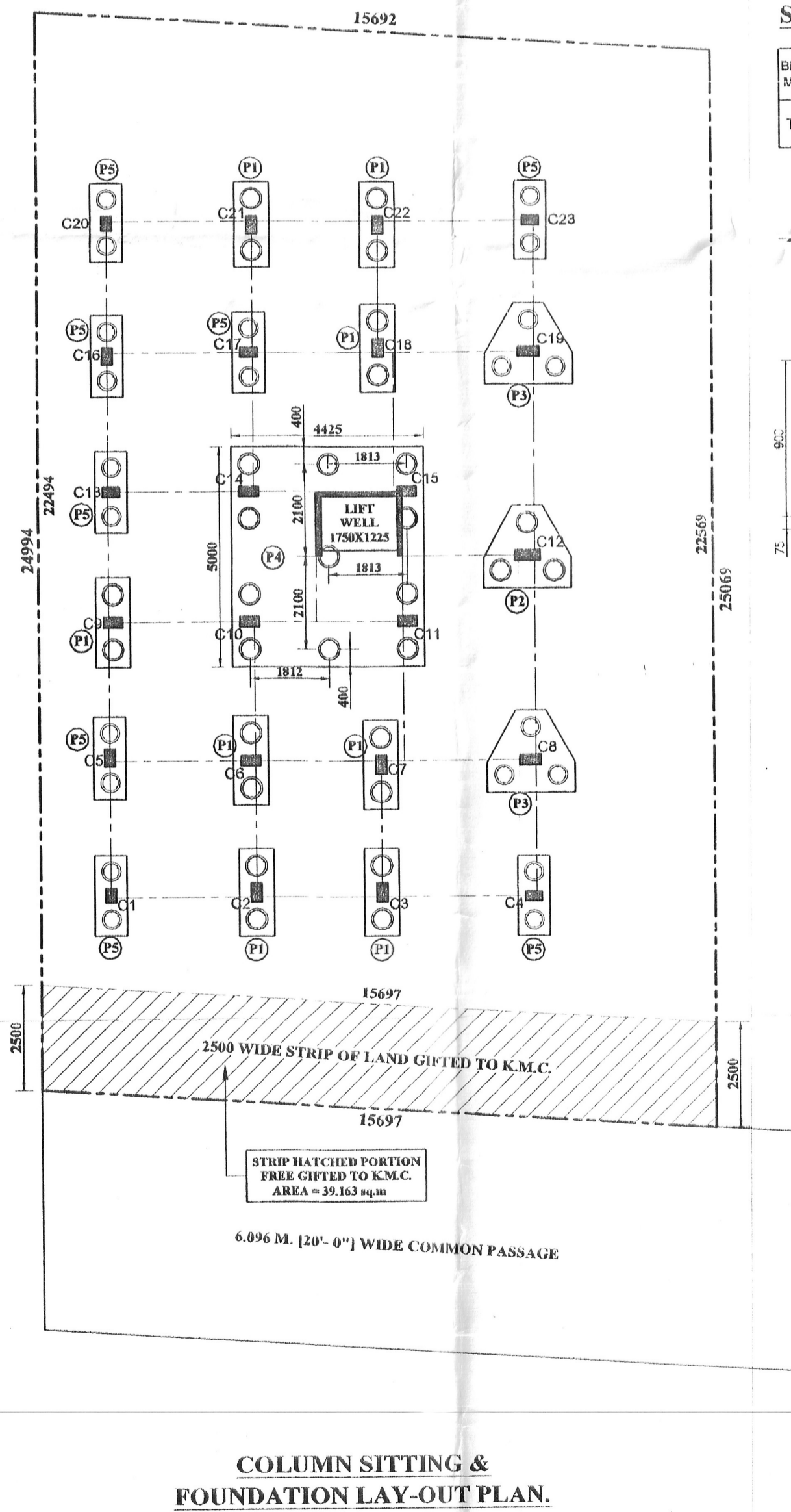
SCHEDULE OF R.C.C. PILE

PILE MKD.	REINFORCEMENT	STIRRUPS	DIA OF PILE	CUT OF PILE	LENGTH OF PILE
ALL PILE	6-16 Ø	11 Ø @ 115 C/C (END) 8 Ø @ 115 C/C (MID)	500 Ø	1.5 M.	18.5 M.

SCHEDULE OF SLAB.

SLAB MKD.	THICKNESS MM.	REINFORCEMENT		REMARKS
		MAIN REINF.	DISTRIBUTION	
S1	110	8 Ø @ 125 C/C.	8 Ø @ 150 C/C.	PROVIDE 8 Ø @ 150 C/C. AT EDGES AS EXTRA TOP
S2 STAIR	125	10 Ø @ 125 C/C.	10 Ø @ 125 C/C.	PROVIDE 10 Ø @ 150 C/C. AT EDGES AS EXTRA TOP
S3 LIFT WELL	125	10 Ø @ 125 C/C. (BOTH WAYS) IN TWO LAYERS		

NOTE:- THE DEPTH OF SEMI UNDER GROUND WATER RESERVOIR & SEPTIC TANK WILL NOT EXCEED THE DEPTH OF BUILDING FOUNDATION.



SCHEDULE OF BEAM.

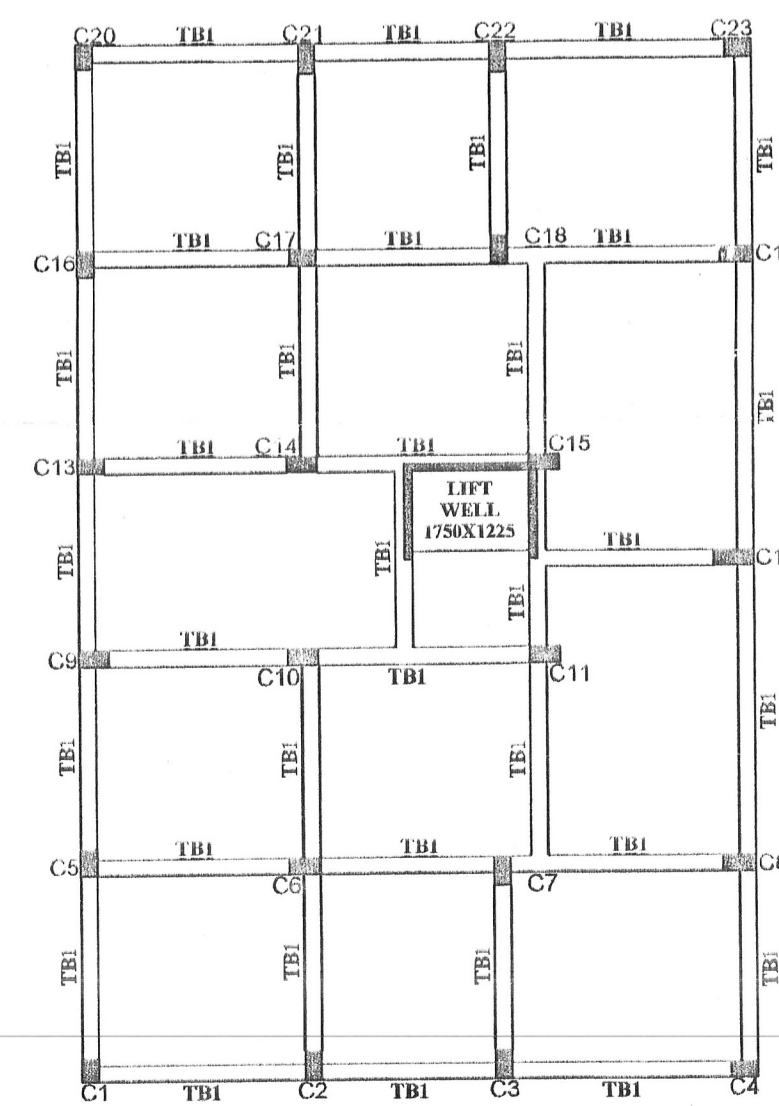
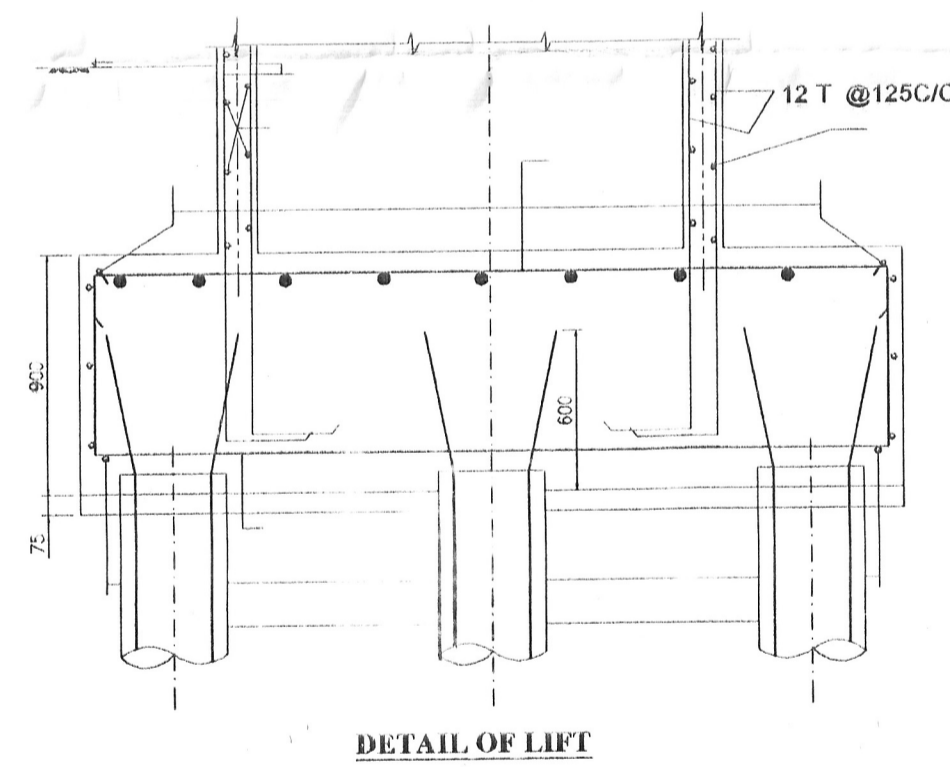
BEAM MKD.	SIZE WIDTH X DEPTH (MM)	SUPPORT REINFORCEMENT		SPAN REINFORCEMENT		STIRRUPS & SPACING
		LONGITUDINAL REINFORCEMENT		LONGITUDINAL REINFORCEMENT		
		TOP	BOTTOM	TOP	BOTTOM	
B1	250X400	3-16 Ø + 2-16 Ø	3-16 Ø	3-16 Ø	5-16 Ø	8 Ø @ 2L 150 C/C.
B2	250X300	2-12 Ø + 2-16 Ø	2-16 Ø	2-12 Ø	4-16 Ø	8 Ø @ 2L 150 C/C.
B1C	250X350	5-16 Ø	2-16 Ø	5-16 Ø	2-16 Ø	8 Ø @ 2L 150 C/C.

SCHEDULE OF COLUMN.

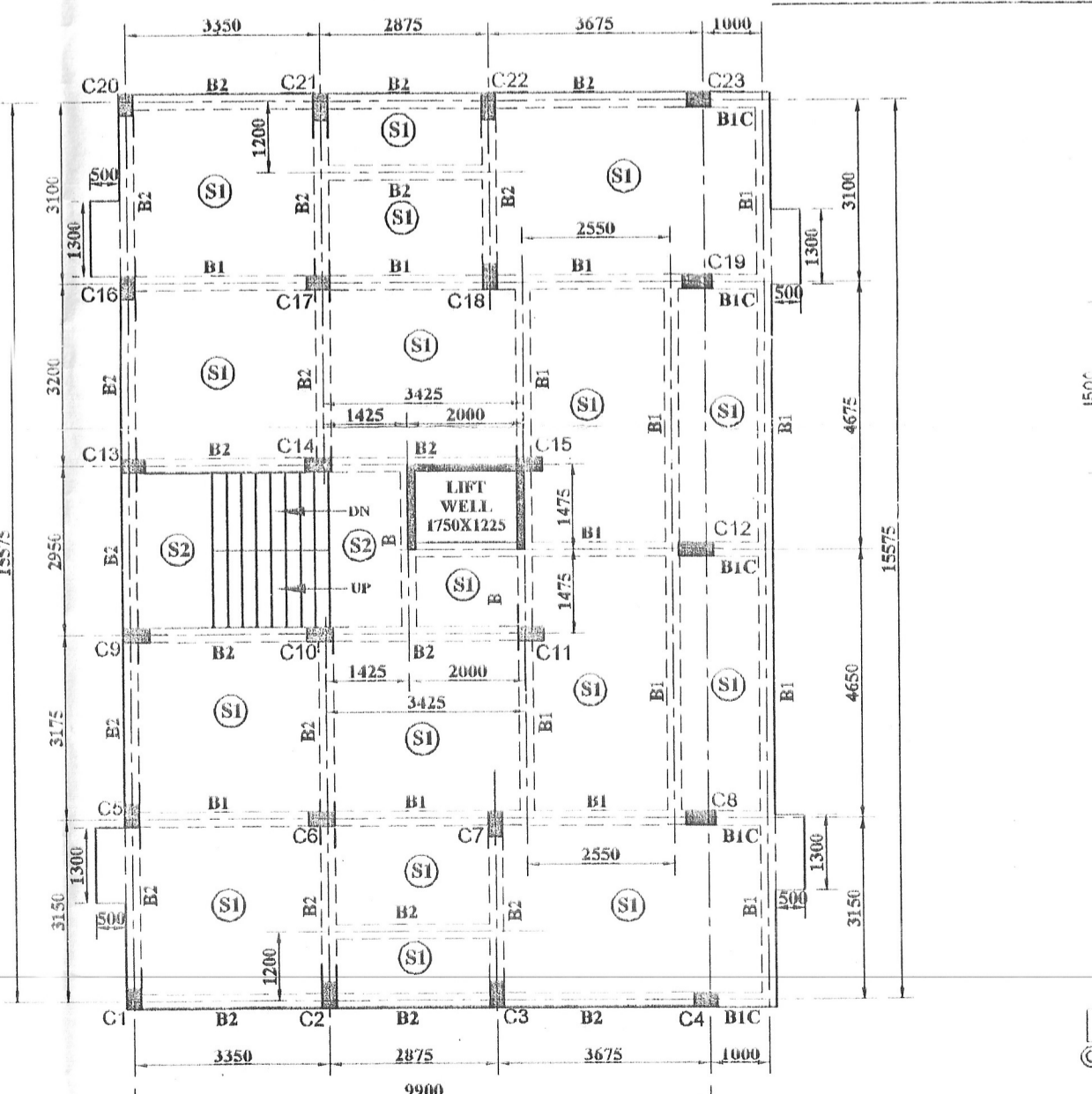
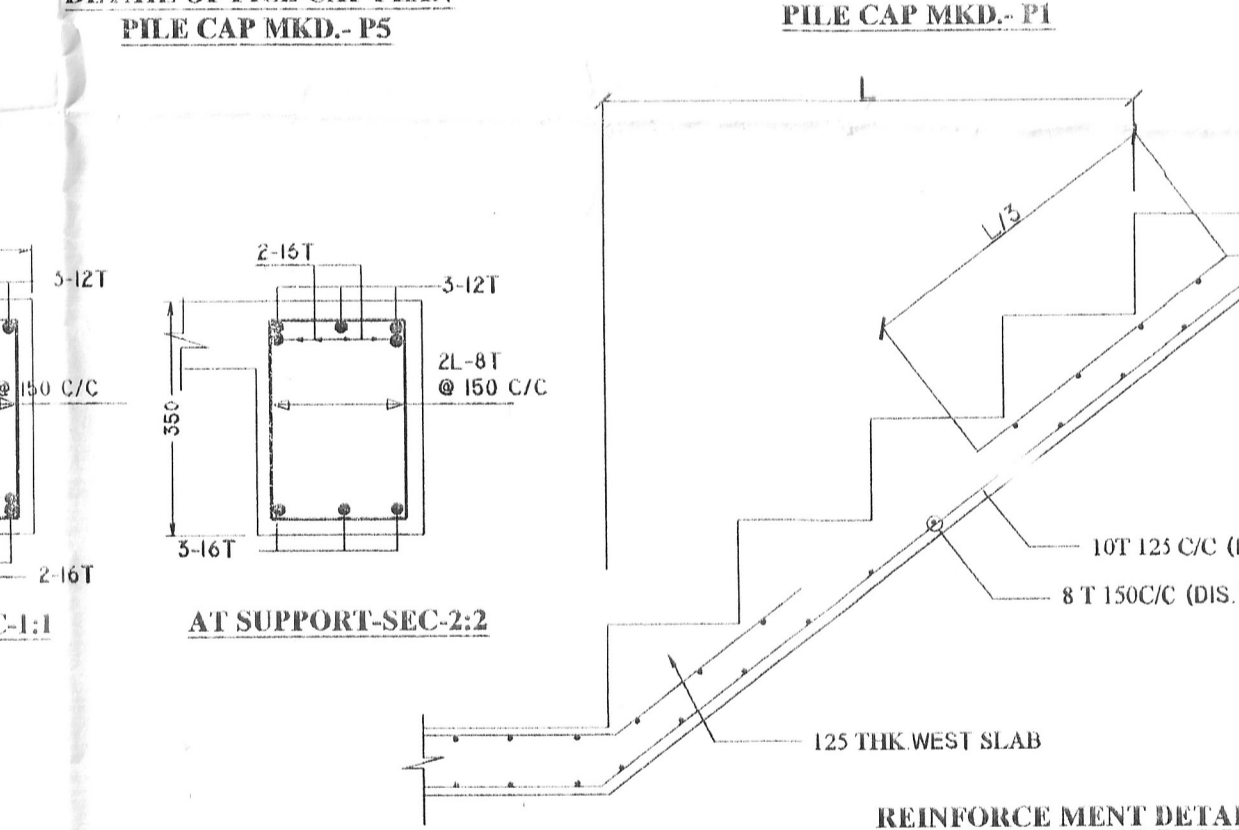
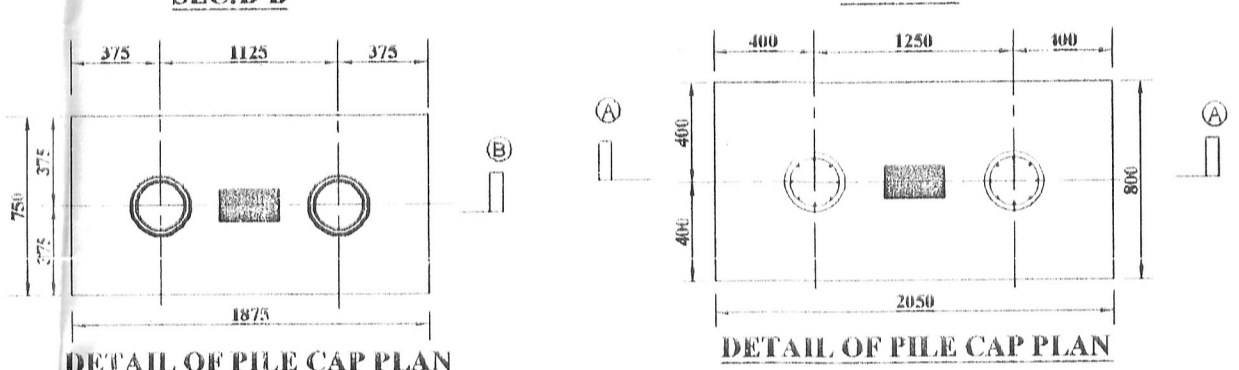
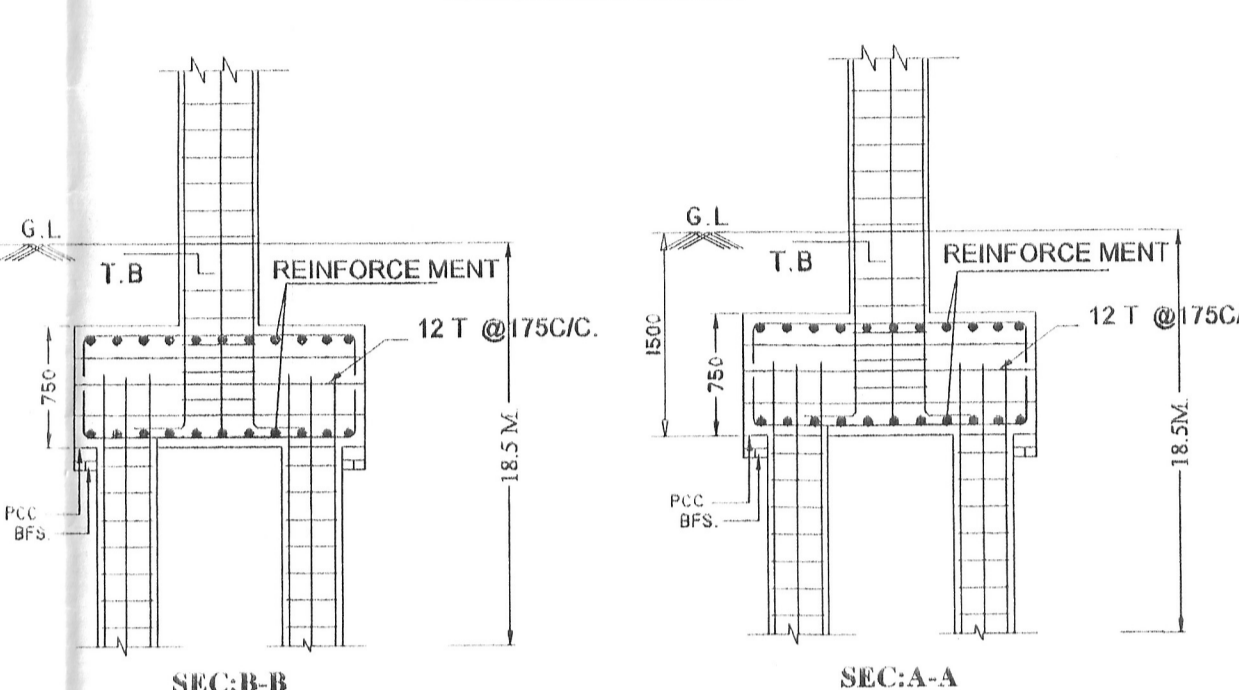
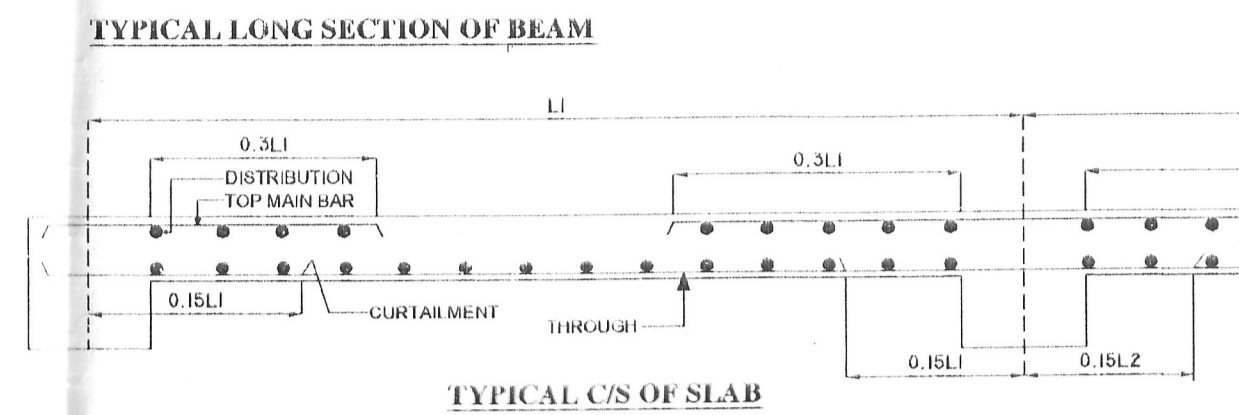
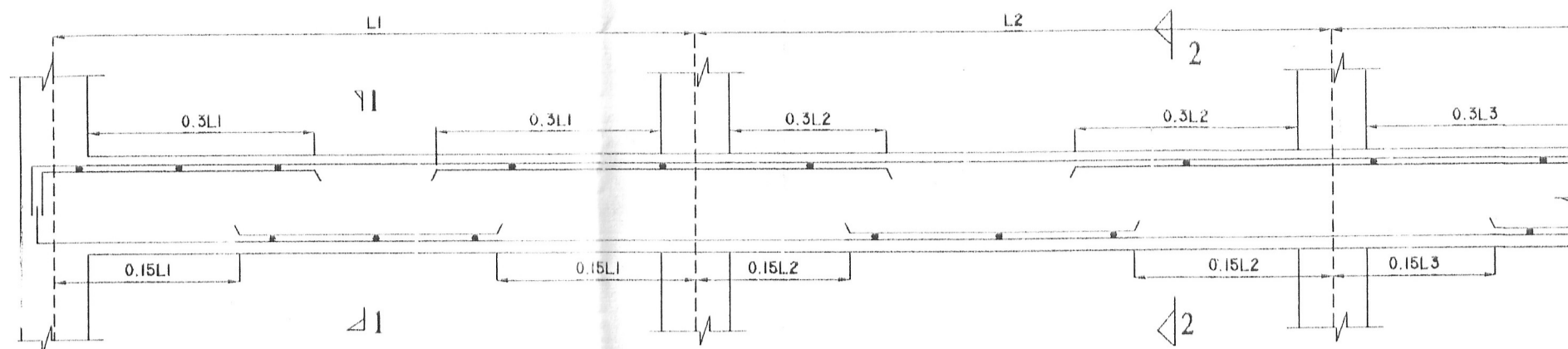
COLUMN MKD.	COLUMN SIZE & REINFORCEMENT					STIRRUPS
	AT GROUND FL.	AT FIRST FLOOR	AT 2ND FLOOR	AT 3RD FLOOR	AT 4TH FLOOR	
C12	250X600 12-20 Ø	250X600 12-20 Ø	250X600 12-20 Ø	250X600 12-20 Ø	250X600 12-20 Ø	2L-8 Ø @ 150 C/C.
C8/C19	250X600 12-16 Ø	250X500 12-16 Ø	250X500 12-16 Ø	250X500 12-16 Ø	250X500 12-16 Ø	2L-8 Ø @ 150 C/C.
C1/C20	250X350 6-16 Ø	250X350 6-16 Ø	250X350 6-16 Ø	250X350 6-16 Ø	250X350 6-16 Ø	2L-8 Ø @ 150 C/C.
C2/C3/C6/C7/ C9/C10/C11/ C14/C15/C18 C21/C22	250X450 10-16 Ø	250X450 10-16 Ø	250X450 10-16 Ø	250X450 10-16 Ø	250X450 10-16 Ø	2L-8 Ø @ 150 C/C.
C4/C5/C13/ C16/C17/C23	250X400 8-16 Ø	250X400 8-16 Ø	250X400 8-16 Ø	250X400 8-16 Ø	250X400 8-16 Ø	2L-8 Ø @ 150 C/C.

SCHEDULE TIE-BEAM.

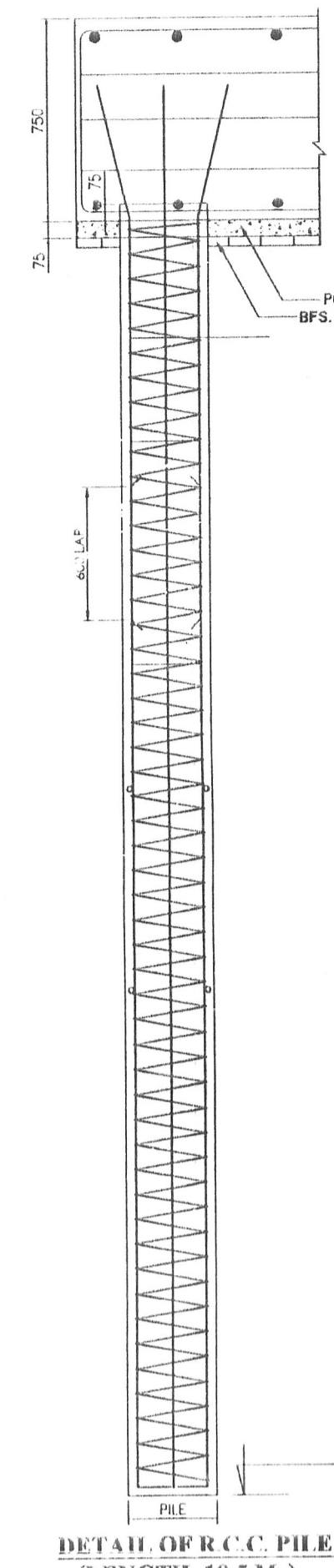
BEAM MKD.	SIZE (W. X D.)	SUPPORT REINF.		SPAN REINFORCEMENT		STIRRUPS
		TOP	BOTTOM	TOP	BOTTOM	
TB1	250X300	3-12 Ø + 2-12 Ø	3-12 Ø	3-12 Ø	5-12 Ø	8 Ø @ 2L 150 C/C.



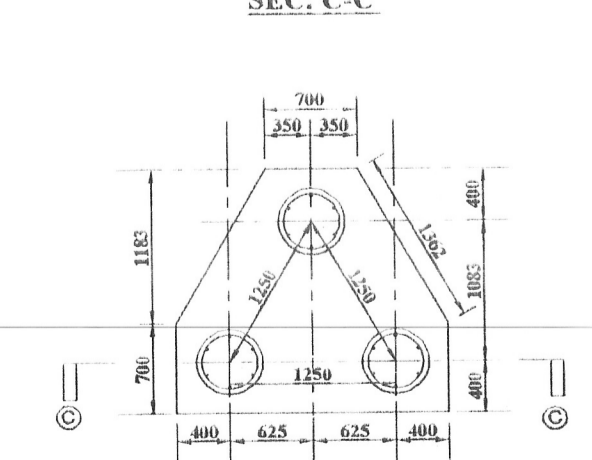
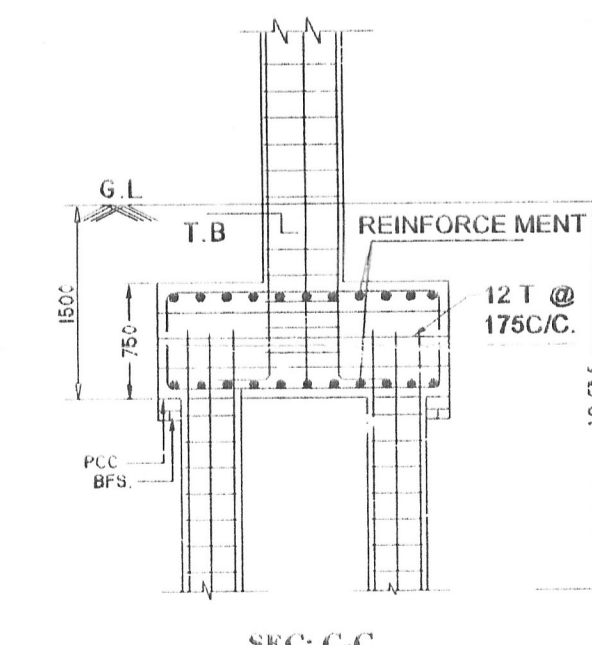
TIE BEAM AT GROUND LEVEL



FLOOR BEAM & SLAB ARRANGEMENT



DETAIL OF R.C.C. PILE (LENGTH - 18.5 M.)



DETAIL OF PILE CAP PLAN PILE CAP MKD.- P2

SPECIFICATIONS :-
 i) ALL R.C.C. WORK WITH STONE CHIPS, SAND & CEMENT (3:1:5).
 ii) GRADE OF CONCRETE - M20.
 iii) GRADE OF STEEL - Fe500.
 iv) ALL MATERIALS SHALL BE CONFORMED TO THE PROPORTION OF NATIONAL BUILDING CODE OF INDIA.
 v) THE DEPTH OF SEMI UNDER GROUND WATER RESERVOIR & SEPTIC TANK WILL NOT EXCEED THE DEPTH OF BUILDING FOUNDATION.

DECLARATION OF OWNER(S) :-
 i) I/WE DO HEREBY DECLARE WITH FULL RESPONSIBILITY THAT I SHALL ENGAGE L.B.S. & E.S.E. DURING CONSTRUCTION.
 ii) I/WE SHALL FOLLOW THE INSTRUCTIONS OF L.B.S. & E.S.E. DURING CONSTRUCTION OF THE BUILDING (AS PER B.S. PLAN).
 iii) K.M.C. AUTHORITY WILL NOT BE RESPONSIBLE FOR STRUCTURAL STABILITY OF THE BUILDING AND ADJOINING STRUCTURES.
 iv) IF ANY SUBMITTED DOCUMENTS ARE FOUND TO BE FAKE, THE K.M.C. AUTHORITY WILL REVOKE THE SANCTION PLAN.
 v) THE CONSTRUCTION OF WATER RESERVOIR AND SEPTIC TANK WILL BE UNDERTAKEN UNDER THE GUIDANCE OF L.B.S./E.S.E. BEFORE STARTING OF BUILDING FOUNDATION WORK.
 vi) DURING DEPARTMENTAL INSPECTION THE PLOT WAS IDENTIFIED BY MYSELF.

GITA PODDAR
NAME OF OWNER

DECLARATION OF L.B.S. :-
 CERTIFIED WITH FULL RESPONSIBILITY THAT THE BUILDING PLAN HAS BEEN DRAWN UP AS PER PROVISION OF K.M.C. BUILDING RULE 2009 AS AMENDED FROM TIME TO TIME AND THAT THE SITE CONDITION INCLUDING THE ABUTTING 6.096 WIDE COMMON PASSAGE ON NORTHERN SIDE OF THE PREMISES CONFORM WITH THE PLAN, WHICH HAS BEEN MEASURED AND VERIFIED BY ME. E.M. BYE PASS. THE CONSTRUCTION OF U.G. WATER TANK AND SEPTIC TANK WILL BE COMPLETED BEFORE STARTING OF BUILDING FOUNDATION WORK. THE LAND IS DEMARCATED BY BOUNDARY WALL. SIGNATURE OF THE OWNER IS AUTHENTICATED BY ME.

AHEMMAD ALI MOLLA
L.B.S. 1385/1
NAME OF L.B.S.

CERTIFICATE OF GEO-TECH. ENGINEER:-
 UNDERSIGNED HAS INSPECTED THE SITE CARRIED OUT THE SOIL INVESTIGATION THEREIN. IT IS CERTIFIED THAT THE EXISTING SOIL OF THE SITE IS ABLE TO CARRY THE LOAD COMING FROM THE PROPOSED CONSTRUCTION AND THE FOUNDATION SYSTEM PROPOSED THEREIN IS SAFE AND STABLE IN ALL RESPECT FROM GEO-TECHNICAL POINT OF VIEW.

GAUTOM KUMAR MONDAL
G.T. 16/1
NAME OF G.T.E.

CERTIFICATE OF STRUCTURAL ENGINEER :-
 I DO HEREBY CERTIFIED THAT THE STRUCTURAL DESIGN AND DRAWING OF BOTH FOUNDATION AND SUPER STRUCTURE OF THE BUILDING HAS BEEN MADE BY ME CONSIDERING ALL POSSIBLE LOADS INCLUDING SEISMIC LOAD AS PER NATIONAL BUILDING CODE OF INDIA CERTIFIED THAT IT IS SAFE AND STABLE IN ALL RESPECTS.
 SOIL TESTING HAS BEEN DONE BY GAUTOM KUMAR MONDAL OF ACUMEN GEO CONSULTANTS OF. NABA ROY LANE, ALIPORE, KOLKATA - 700 027. THE RECOMMENDATIONS OF SOIL TEST REPORT HAS BEEN CONSIDERED DURING STRUCTURAL CALCULATIONS.

SAKTI BRATA BHATTACHARYYA
E.S.E-11/6/1
NAME OF E.S.E.

STRUCTURAL PLAN OF G+IV STORIED RESIDENTIAL BUILDING (U/S- 393A OF C.M.C. ACT. 1950) COMPLYING BUILDING RULE 2009 AT PREMISES NO.- 702, PURBACHAL ROAD, WARD NO.- 106, BOROUGH - XII, P.S.- GARFA, KOLKATA- 700 078, BUILDING HT.- 15.225 M. R.S. DAG NO.- 1717, R.S. KHATIAN NO.- 7, J.L. NO.- 19, MOUZA- GARFA, TOUZI NO.- 10, 12 & 13, R.S. NO.- 2.

B. P. NO. : 2022120251 DATE : 10-AUG-22
 SCALE : 1:100 1:50, 1:25.
 NOTE:- ALL DIMENTION ARE IN MM. (UNLESS OTHERWISE MENTIONED)