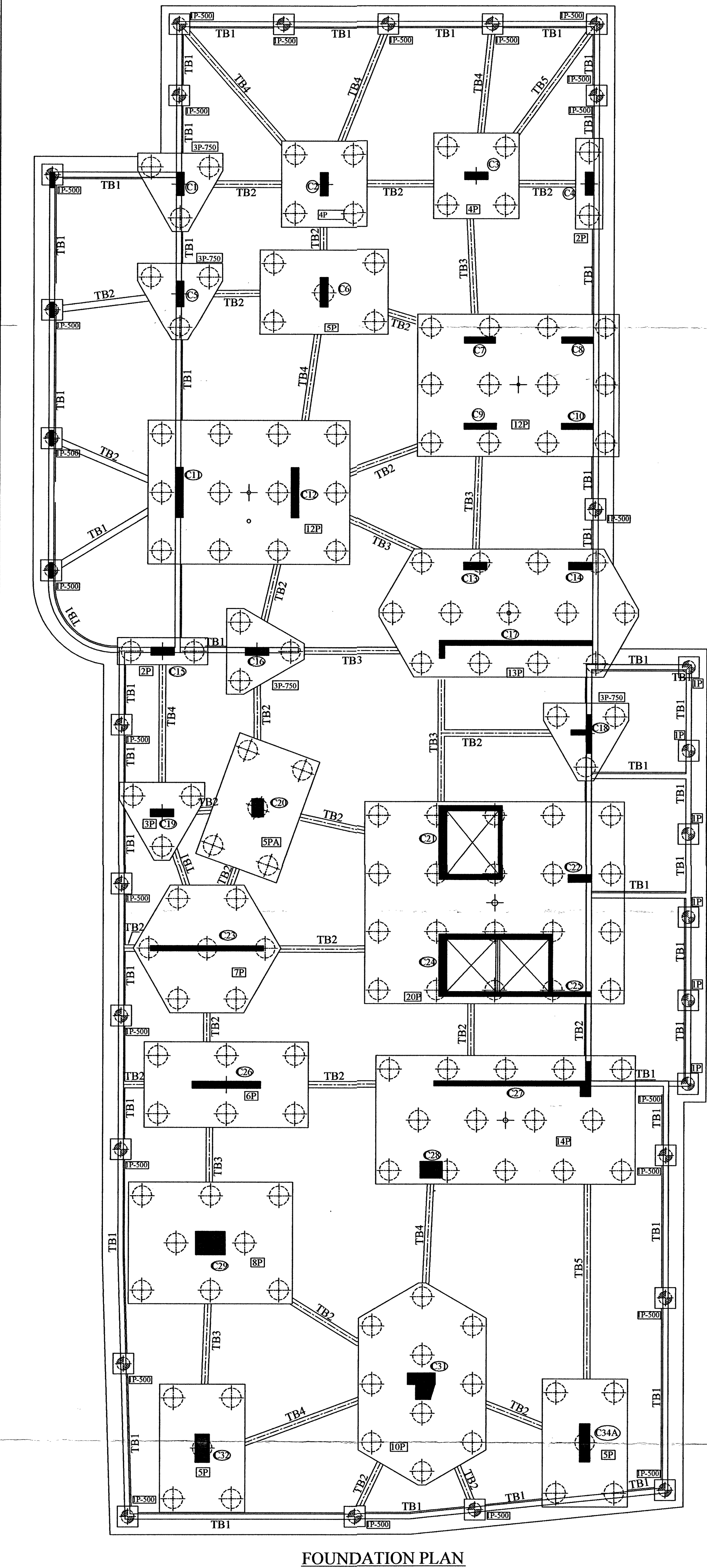
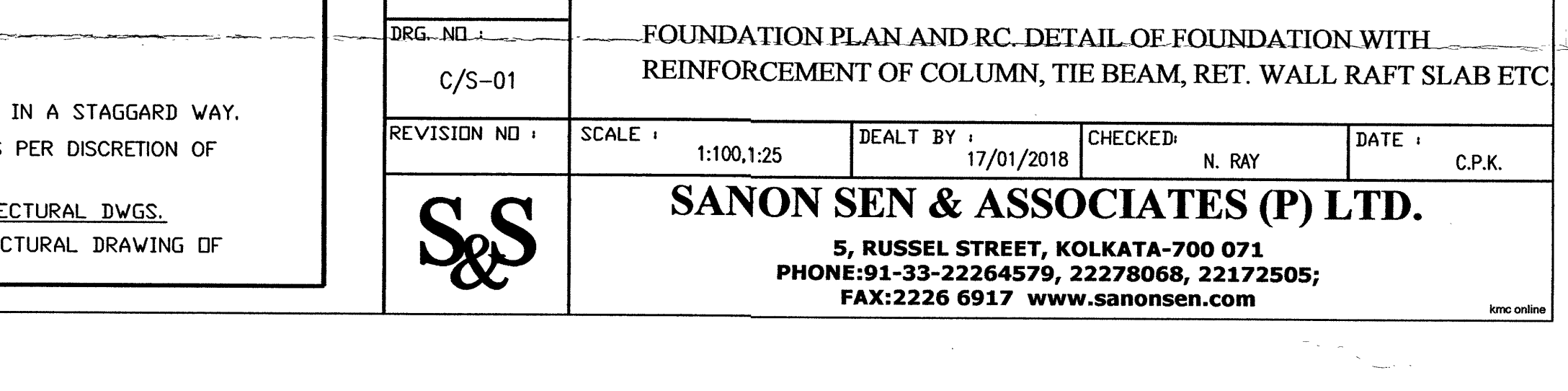
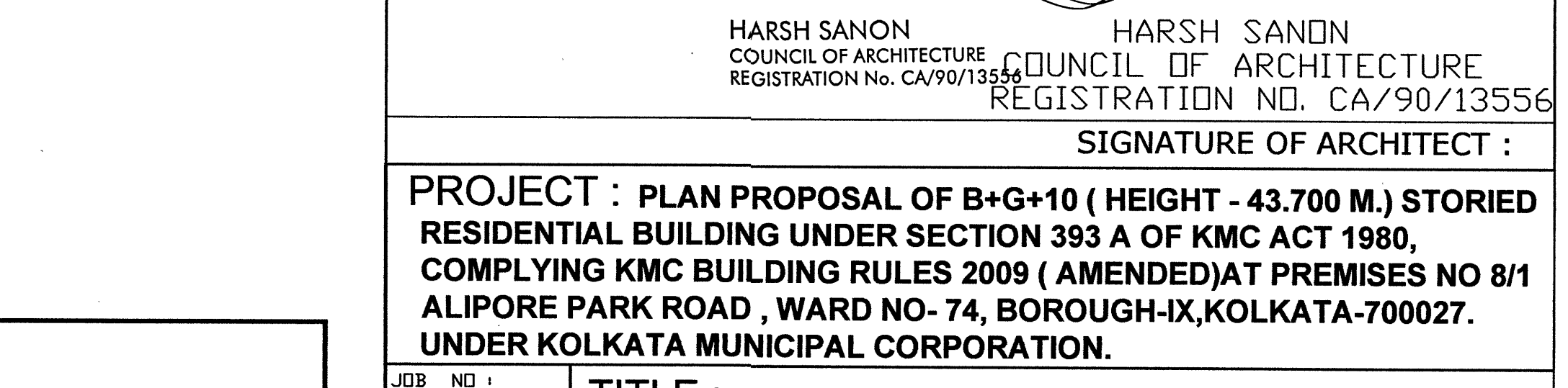
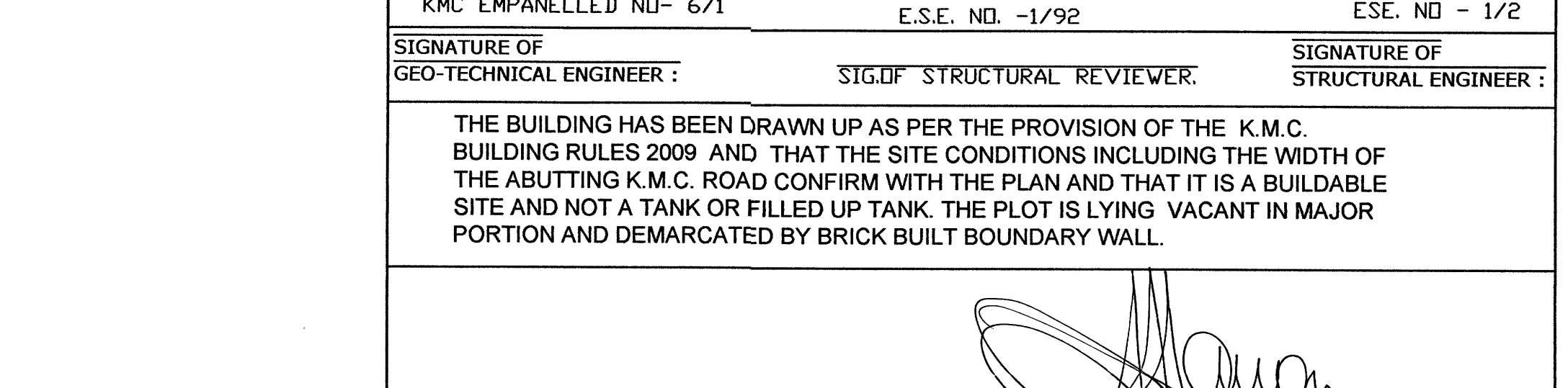
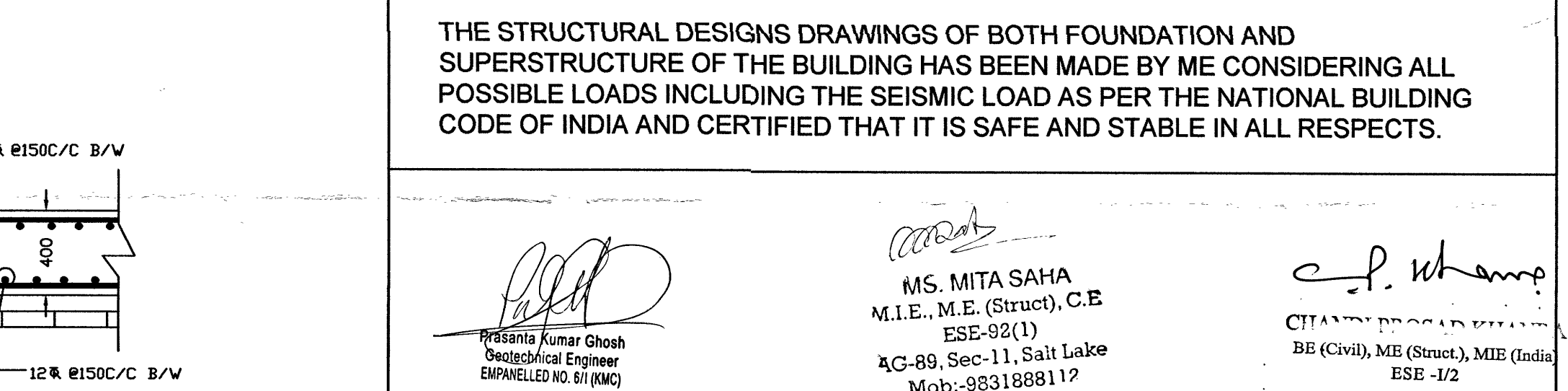
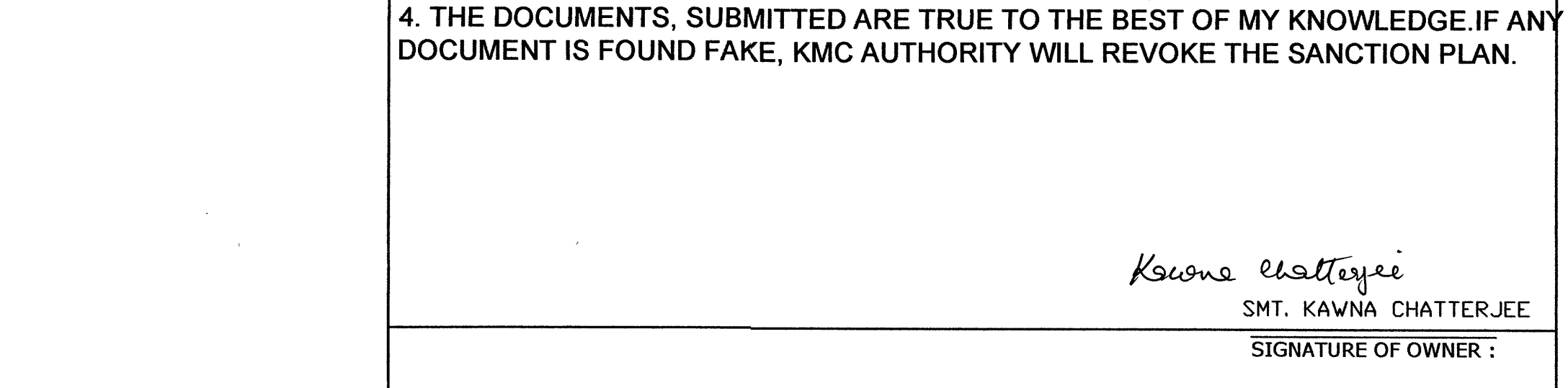
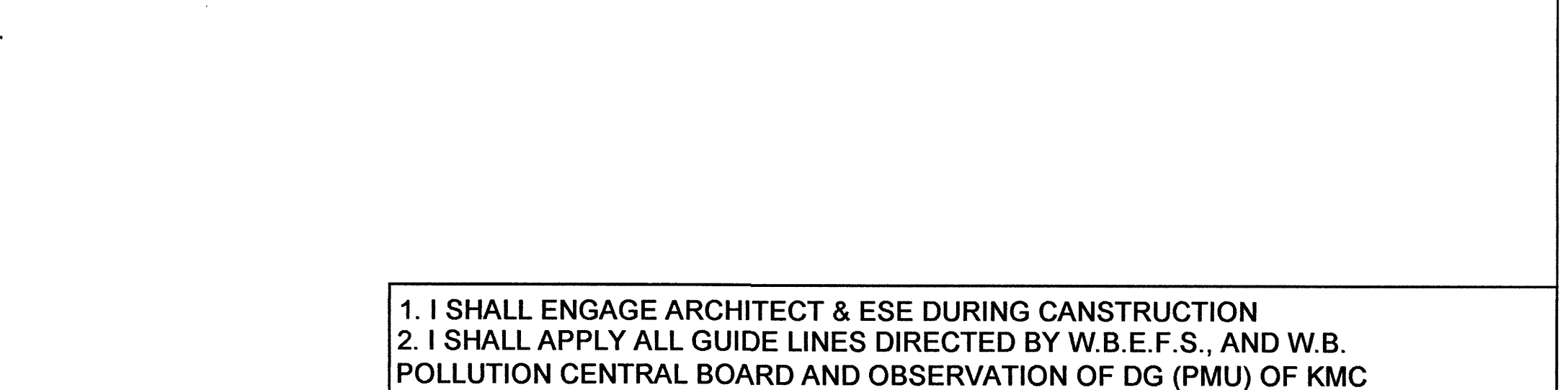
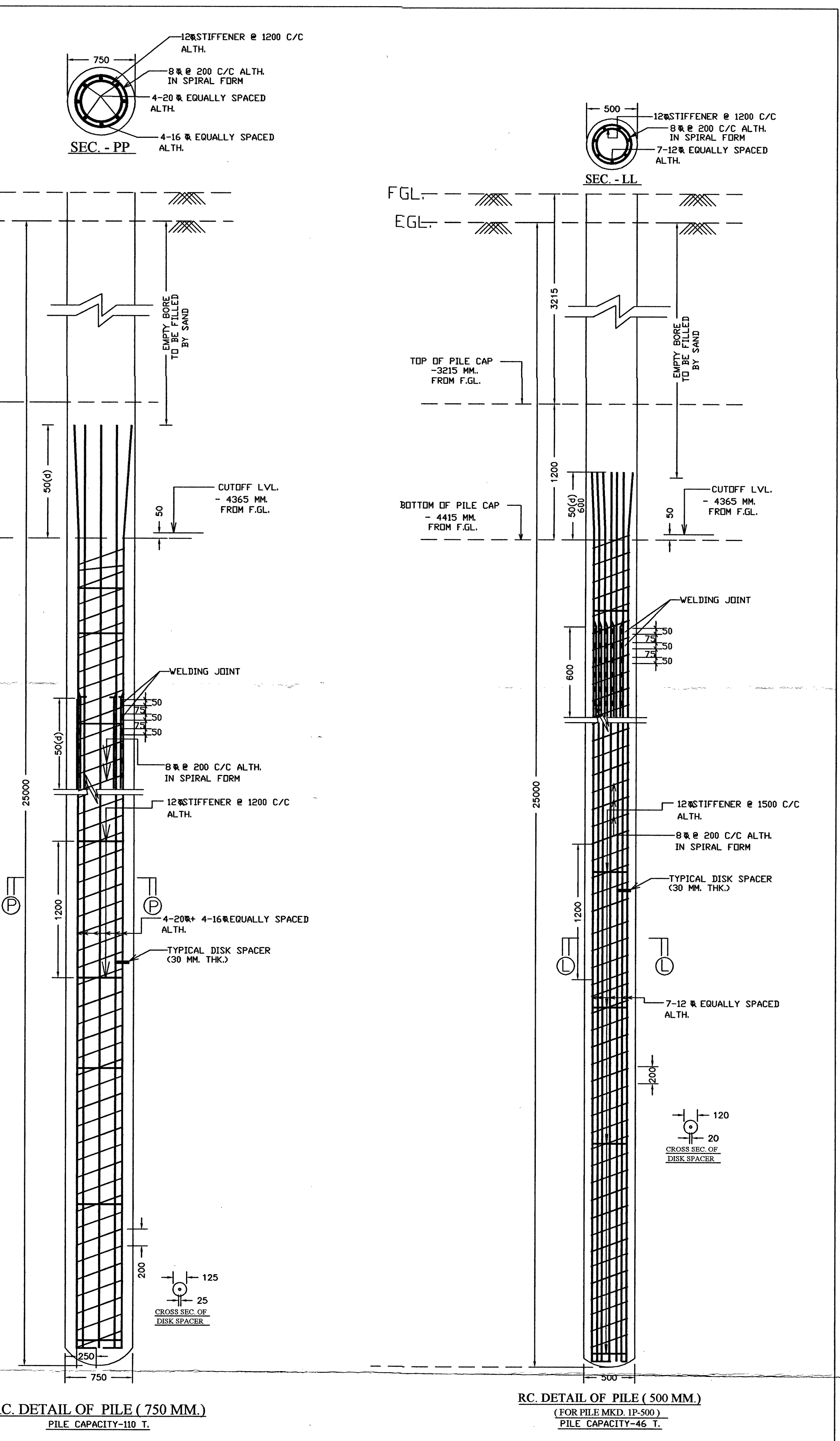
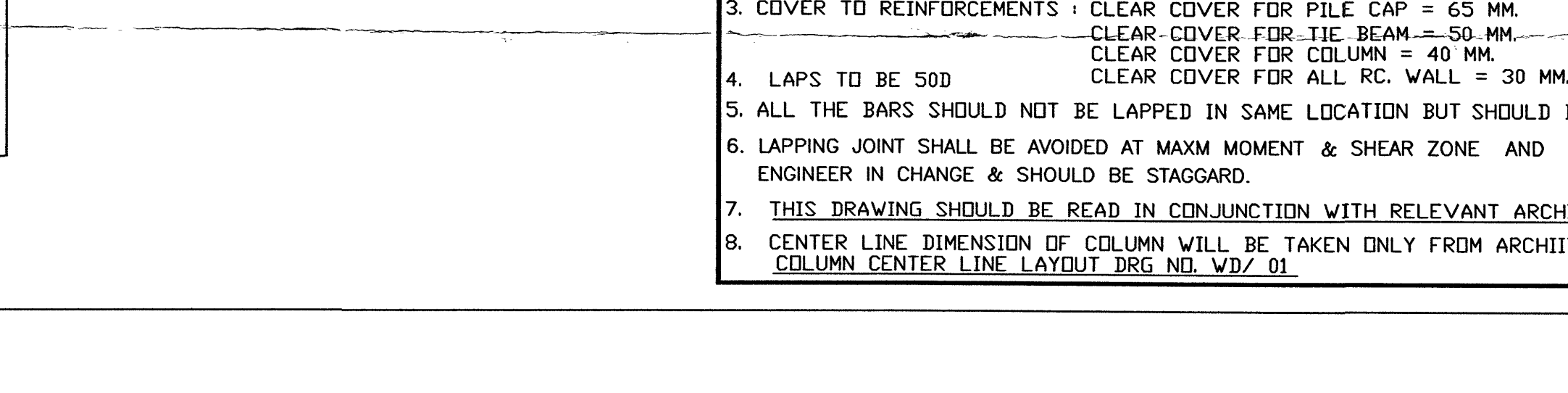
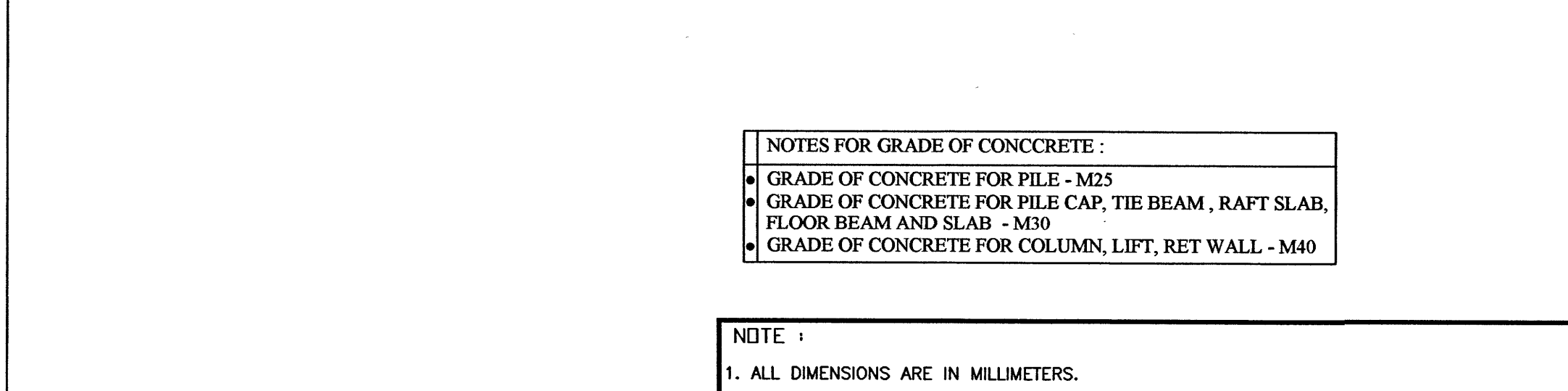
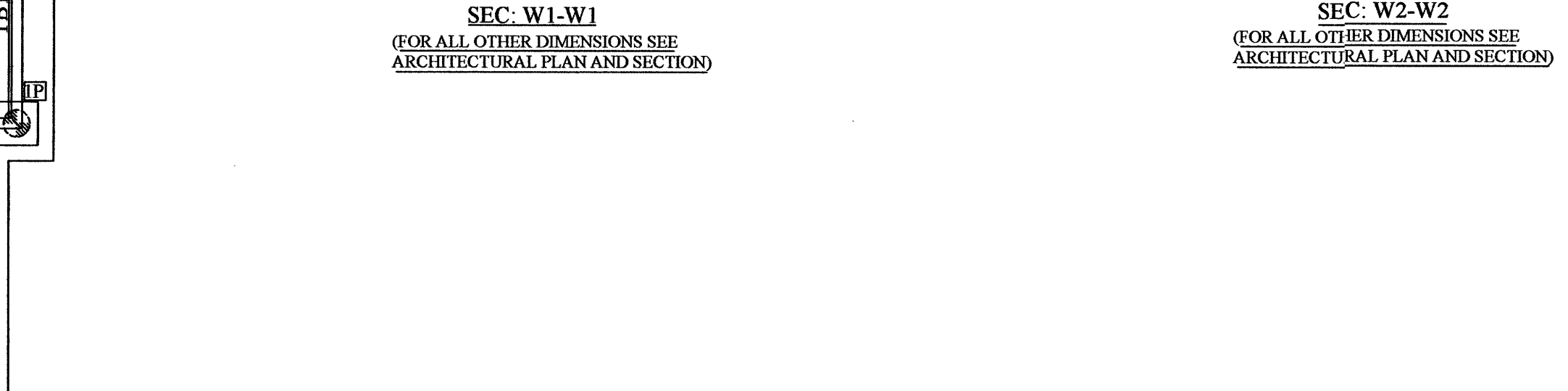
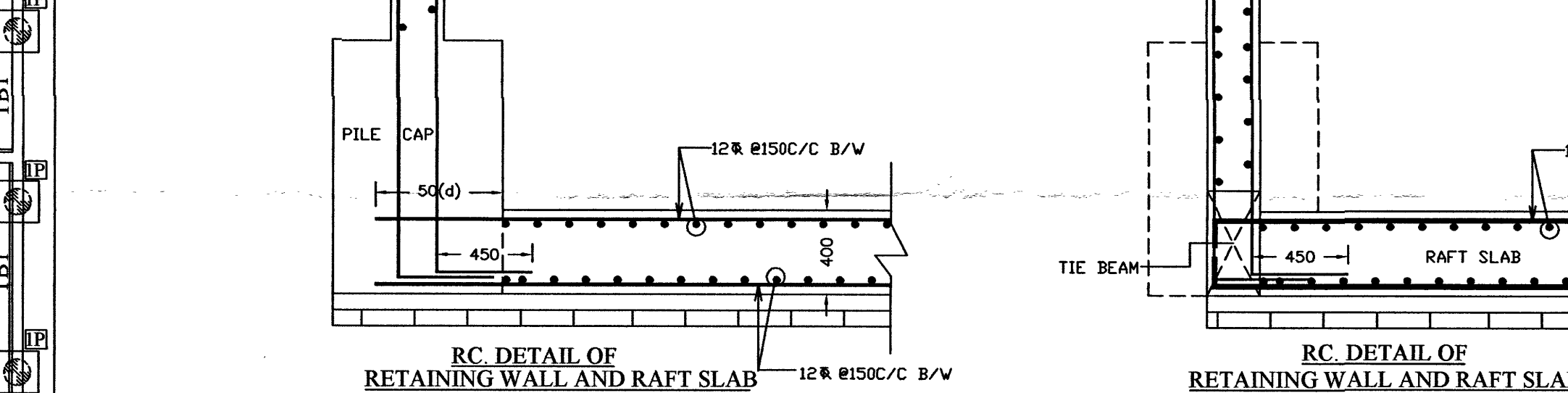
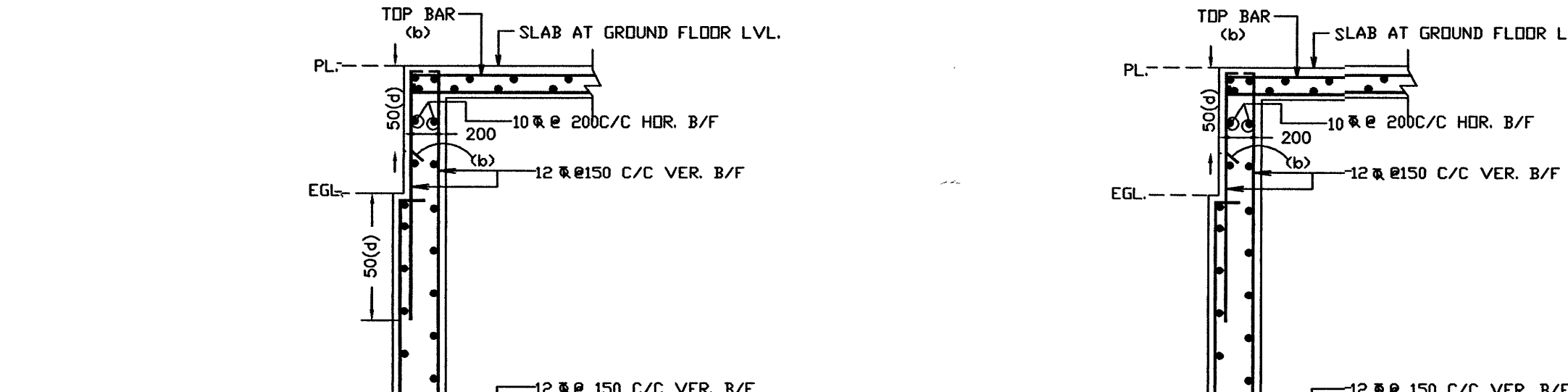
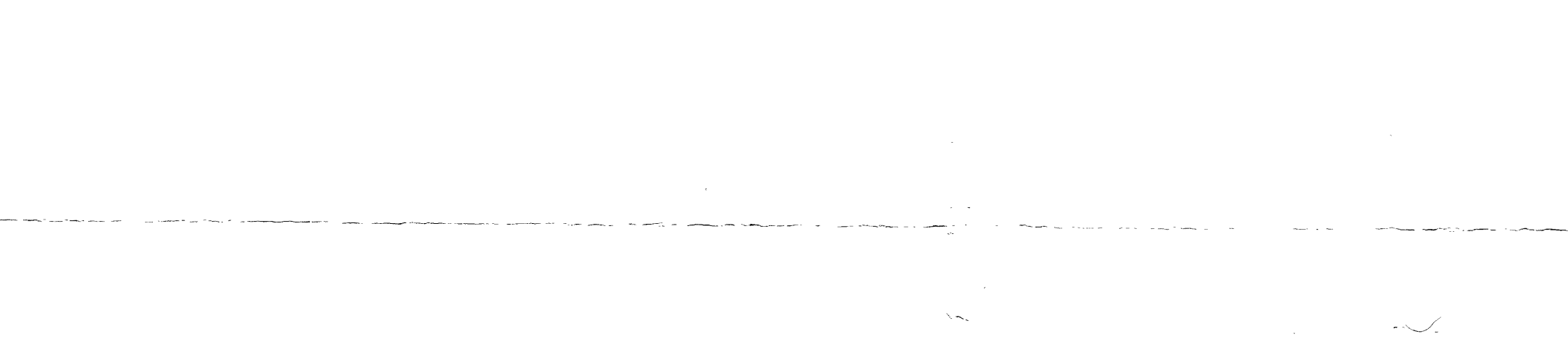
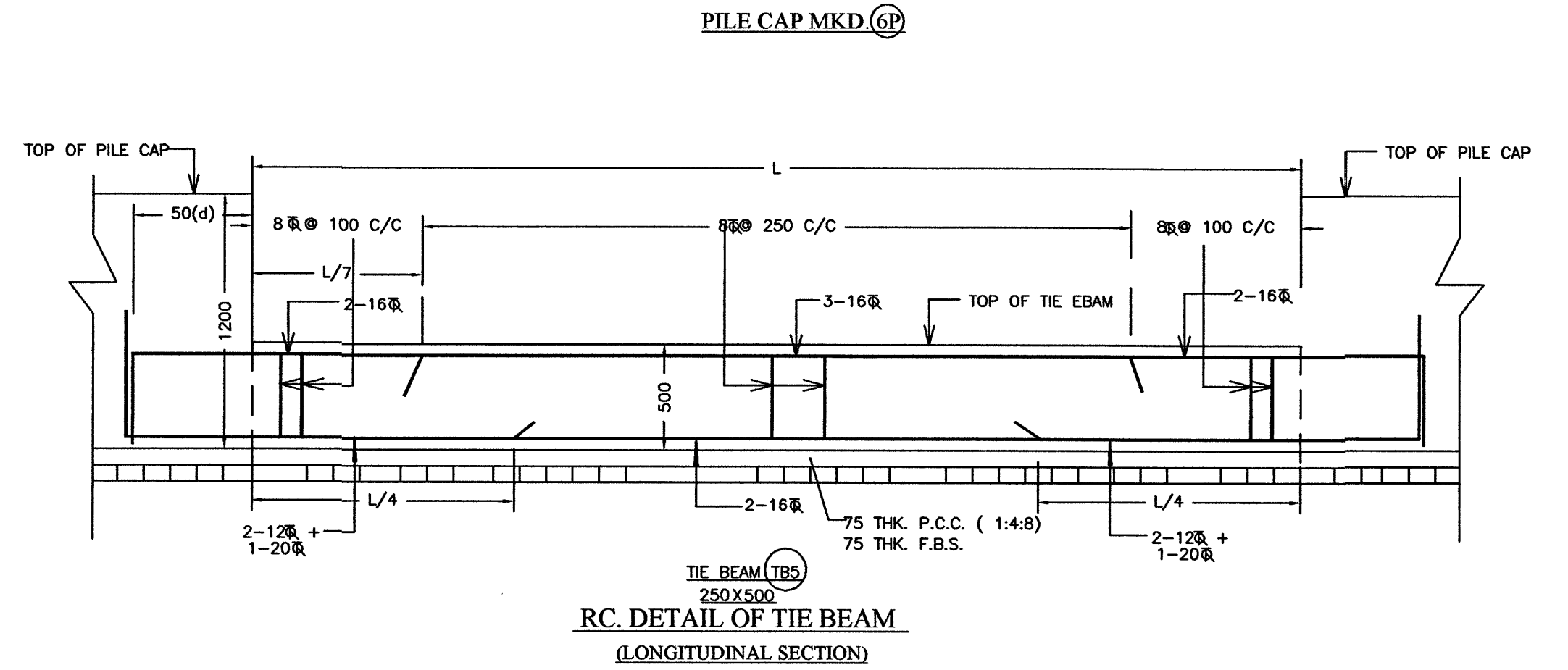
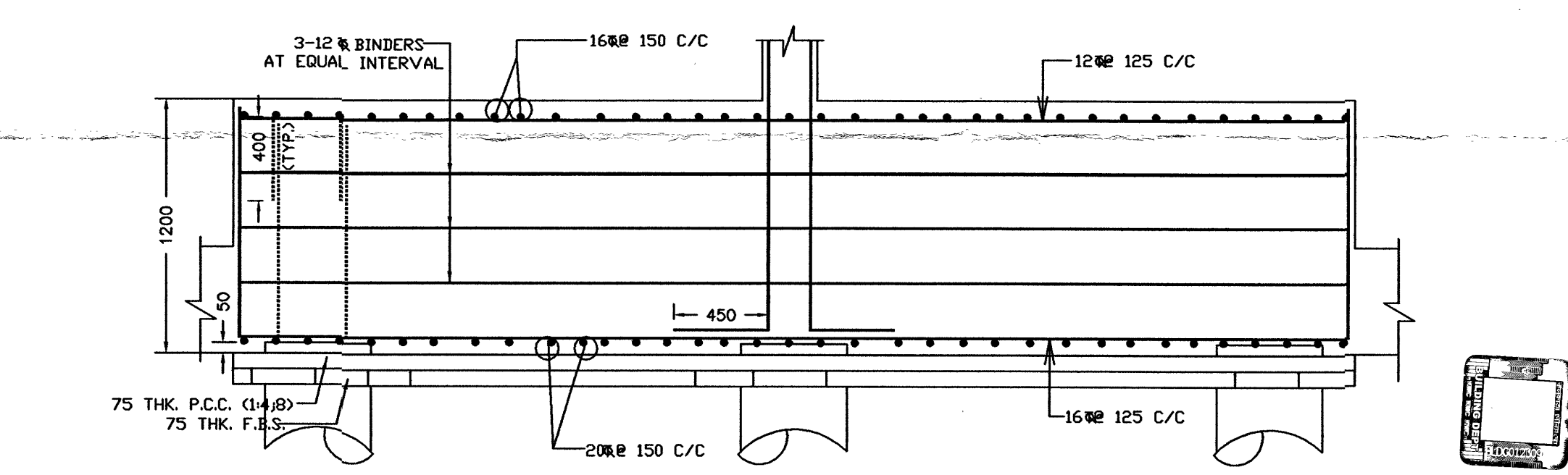


SCHEDULE OF R.C.C. COLUMN									
COLUMN MKD.	COLUMN SIZE	REINFORCEMENT						LINKS	
		B+G	1ST FLOOR	2ND FLOOR & 3RD FLOOR	4TH FLOOR & 5TH FLOOR	6TH FLOOR & 7TH FLOOR	8TH FLOOR & 9TH FLOOR		
C1,C4,C14,C15,C16,C22	300 x 300	18-20	18-20	6-20	14-16	14-16	8-16	WE-LINK @ 100/250 C/C	
C2,C13,C19	300 x 300	24-20	24-20	24-16	10-16	10-16	24-12		
C3	300 x 300	18-25	18-25	18-20	18-16	14-12	4-16		
C5	300 x 1000	22-20	22-20	22-16	12-12	12-12	4-16		
C6	300 x 1150	24-25	24-25	24-20	24-16	8-16	4-16		
C9	250 x 1250	20-25	20-25	20-20	20-16	14-16	14-12		
C11	300 x 1950	32-20	32-20	16-20	32-16	18-16	18-16		
C12	300 x 1950	42-25	42-25	42-20	42-16	24-16	24-16		
C17	AS PER DRAWING	72-20	72-16	48-16	40-16	36-16	36-16		
C18	300 x 1500	36-20	36-20	36-16	36-12	36-12	36-12		
C20	450 x 700	24-25	24-20	24-16	12-16	24-12	24-12		
C21	300 x 2850	20-20	20-20	40-16	40-16	32-16	32-16		
C23	200 x 4375	20-20	20-20	16-16	16-16	16-16	16-16		
C24	300 x 2400	18-20	18-16	18-16	18-16	18-16	18-16		
C25	200 x 1500	18-20	18-16	18-16	18-16	8-16	8-16		
C26	275 x 2750	24-20	24-16	24-16	24-16	24-16	24-16		
C27	AS PER DRAWING	20	16	16	16	12	12		
C28	600x850	36-25	36-25	24-16	24-16	24-16	24-16		
C34A	400 x 1500	30-20	30-20	18-16	18-16	18-16	18-16		
C29	800 x 1150	62-25	62-25	28-16	28-12	28-12	28-12		
C30	(FROM 1ST FLOOR LEVEL TO ONWARDS)	36-25	36-25	32-25	32-25	32-25	32-25		
C31	AS PER DRAWING	72	72	72	72	72	72		
C30A	250x900	18-20	18-16	10-16	10-16	10-16	10-16		
C32	550x1100	50-25	50-25	28-16	28-12	28-12	28-12		
C14	300 x 900	14-20	14-20	14-16	14-16	14-16	14-16		

PILE CAP SCHEDULE									
SL. NO.	PILE CAP MKD	DEPTH OF PILE CAP	MAIN REINFORCEMENT						SKIN BAR
			ALONG LONGER SIDE		ALONG SHORTER SIDE				
			TOP	BOTTOM	TOP	BOTTOM			
1	1P	1200	7-12g	7-16g	7-12g	7-16g			
2	2P	1200	7-16g	7-25g	16 # @ 150C	20 # @ 150 C			3-12g
3	3P	1200	16 # @ 175C	25 # @ 175 C	16 # @ 175C	25 # @ 175 C			
4	4P	1200	16 # @ 175C	25 # @ 175 C	16 # @ 175C	25 # @ 175 C			
5	5P	1200	16 # @ 100 C	25 # @ 100 C	16 # @ 125 C	25 # @ 125 C			
6	5PA	1200	16 # @ 100 C	25 # @ 100 C	16 # @ 125 C	25 # @ 125 C			
7	6P	1200	12 # @ 125 C	16 # @ 125 C	16 # @ 150 C	20 # @ 150 C			
8	7P	1200	16 # @ 125C	25 # @ 125 C	16 # @ 150C	20 # @ 150 C			
9	8P	1200	20 # @ 150 C	25 # @ 150 C	16 # @ 150 C	20 # @ 150 C			
10	10P	1200	16 # @ 100 C	25 # @ 150 C	20 # @ 175 C	20 # @ 175 C			
11	12P	1200	16 # @ 150 C	25 # @ 150 C	20 # @ 175 C	20 # @ 175 C			
12	13P	1200	16 # @ 150 C	20 # @ 150 C	20 # @ 150 C	20 # @ 150 C			
13	14P	1200	16 # @ 140 C	25 # @ 140 C	20 # @ 140 C	25 # @ 140 C			
14	20P	1200	20 # @ 180 C	25 # @ 200 C	20 # @ 150 C	25 # @ 150 C			

SCHEDULE OF TIE BEAM									
TIE BEAM MKD.	BEAM SIZE	MAIN REINFORCEMENT				STIRRUPS			
		CONT. SUPP.	SPAN	DISCONT. SUPP.		SUPPORT	SPAN		
		TOP	BOT.	TOP	BOT.	TOP	BOT.		
TB1	250x500	2-16	2-16	ALTH.		8	8		
TB2	250x500	2-16	2-16	ALTH.		8	8		
TB3	250x500	3-16	3-16			8	8		
TB4	250x500	2-16	3-16	2-16		8	8		
TB5	250x500	2-16	3-16	2-16		8	8		
TB6	250x500		3-16	2-16	2-16	8	8		
TB7	250x500	2-16	2-16			8	8		



NOTES FOR GRADE OF CONCRETE :

- GRADE OF CONCRETE FOR PILE - M25
- GRADE OF CONCRETE FOR PILE CAP, TIE BEAM, RAFT SLAB, FLOOR BEAM AND SLAB - M30
- GRADE OF CONCRETE FOR COLUMN, LIFT, RET. WALL - M40

NOTE :

- ALL DIMENSIONS ARE IN MILLIMETERS.
- GRADE OF STEEL Fe 500
- COVER TO REINFORCEMENTS : CLEAR COVER FOR PILE CAP = 65 MM. CLEAR COVER FOR TIE BEAM = 50 MM. CLEAR COVER FOR COLUMN = 40 MM. CLEAR COVER FOR ALL RC. WALL = 30 MM.
- LAPS TO BE 50D
- ALL THE BARS SHOULD NOT BE LAPPED IN SAME LOCATION BUT SHOULD BE IN A STAGGARD WAY.
- LAPPING JOINT SHALL BE AVOIDED AT MAXM MOMENT & SHEAR ZONE AND AS PER DISCRETION OF ENGINEER IN CHARGE & SHOULD BE STAGGARD.
- THIS DRAWING SHOULD BE READ IN CONJUNCTION WITH RELEVANT ARCHITECTURAL DWGS.
- CENTER LINE DIMENSION OF COLUMN WILL BE TAKEN ONLY FROM ARCHITECTURAL DRAWING OF COLUMN CENTER LINE LAYOUT DRG. NO. WJ/ 01

1. I SHALL ENGAGE ARCHITECT & ESE DURING CONSTRUCTION

2. I SHALL APPLY ALL GUIDE LINES DIRECTED BY W.B.E.F.S., AND W.B. POLLUTION CENTRAL BOARD AND OBSERVATION OF DG (PMU) OF KMC

3. NO CONSTRUCTION WILL BE MADE IN THE WATER BODY

4. THE DOCUMENTS, SUBMITTED ARE TRUE TO THE BEST OF MY KNOWLEDGE IF ANY DOCUMENT IS FOUND FAKE, KMC AUTHORITY WILL REVOKE THE SANCTION PLAN.

Kavna Chatterjee
SMT. KAVNA CHATTERJEE
SIGNATURE OF OWNER :

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

Prasanta Kumar Ghosh
Prasanta Kumar Ghosh
Structural Engineer
EMPLOYED IN (KMC)
PRASANTA KUMAR GHOSH
KMC EMPANELLED NO- 6/1

M.S. MITA SAHA
M.S. MITA SAHA
M.E. (Struct.), C.E.
ESE-02(1)
A.G-89, Sec-11, Salt Lake
Mob:-9831888117
MITA SAHA
E.S.E. NO. -1/92

Chandi Prasad Khanra
Chandi Prasad Khanra
CITY AND DISTRICT ENGINEER
BE (Civil), MB (Struct.), MB (Indus)
ESE-1/2
CHANDI PRASAD KHANRA
ESE. NO - 1/2

SIGNATURE OF GEO-TECHNICAL ENGINEER : SIGNATURE OF STRUCTURAL REVIEWER : SIGNATURE OF STRUCTURAL ENGINEER :

THE BUILDING HAS BEEN DRAWN UP AS PER THE PROVISION OF THE K.M.C. BUILDING RULES 2009 AND THAT THE SITE CONDITIONS INCLUDING THE WIDTH OF THE ABUTTING K.M.C. ROAD, CONFORM WITH THE PLAN AND THAT IT IS A BUILDABLE SITE AND NOT A TANK OR FILLED UP TANK. THE PLOT IS LYING VACANT IN MAJOR PORTION AND DEMARCATED BY BRICK BUILT BOUNDARY WALL.

Harsh Sanon
HARSH SANON
COUNCIL OF ARCHITECTURE
REGISTRATION NO. CA/90/13556

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COUNCIL OF ARCHITECTURE
REGISTRATION NO. CA/90/13556

SIGNATURE OF ARCHITECT :

PROJECT : PLAN PROPOSAL OF B+G+10 (HEIGHT - 43.700 M.) STORIED RESIDENTIAL BUILDING UNDER SECTION 393 A OF KMC ACT 1980, COMPLYING KMC BUILDING RULES 2009 (AMENDED) AT PREMISES NO 8/1 ALIPORE PARK ROAD , WARD NO- 74, BOROUGH-IX, KOLKATA-700027. UNDER KOLKATA MUNICIPAL CORPORATION.

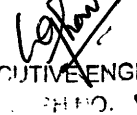
JOB NO. : TITLE : FOUNDATION PLAN AND RC. DETAIL OF FOUNDATION WITH REINFORCEMENT OF COLUMN, TIE BEAM, RET. WALL RAFT SLAB ETC

DRG. NO. : C/S-01

REVISION NO. : SCALE : 1:100, 1:25 DEALT BY 17/01/2018 CHECKED N. RAY DATE : C.P.K.

S&S
SANON SEN & ASSOCIATES (P) LTD.
5, RUSSEL STREET, KOLKATA-700 071
PHONE: 91-33-22264579, 22278068, 22172505;
FAX: 2226 6917 www.sanonsen.com

Structural plan and design calculation as submitted by the structural engineer have been kept with G.P. No. 10/18090155, Date 26.11.15, for record of the Kollata Municipal Corporation without verification No. Devision from the submitted structural plan should be made at the time of erection without submitting fresh structural plan along with design calculation and stability certificate in the prescribed form, necessary steps should be taken for the safety of the adjoining premises public and private properties and safety of human life during construction.


ENGINEER/ASST. ENGINEER