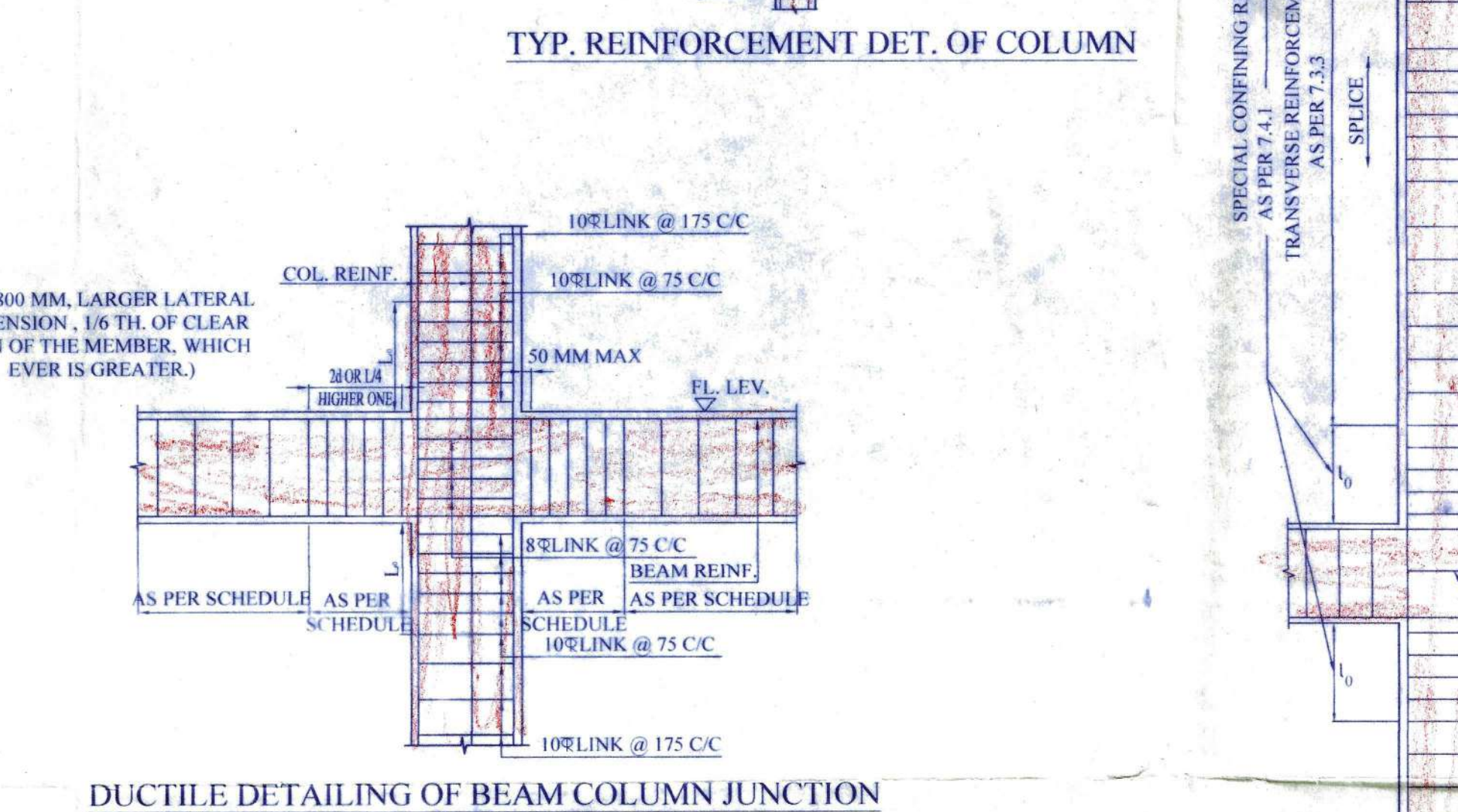
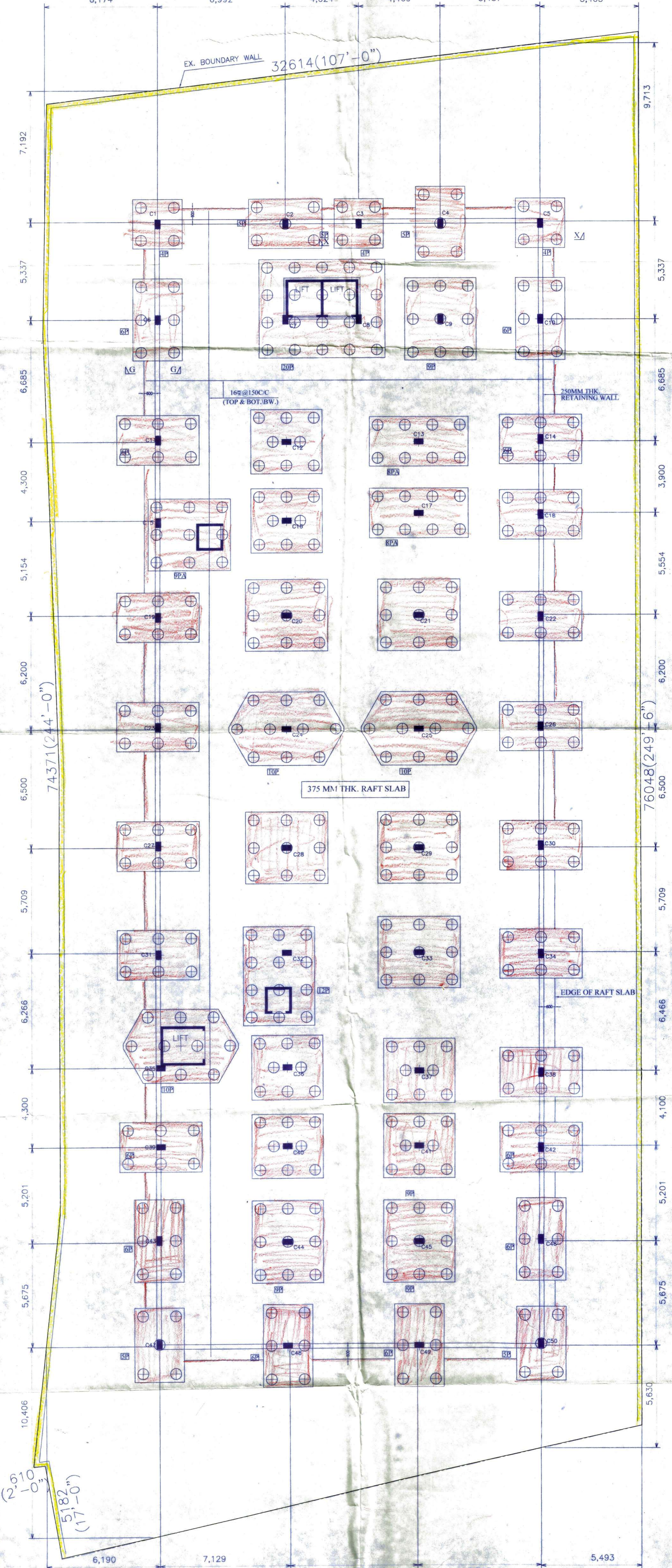
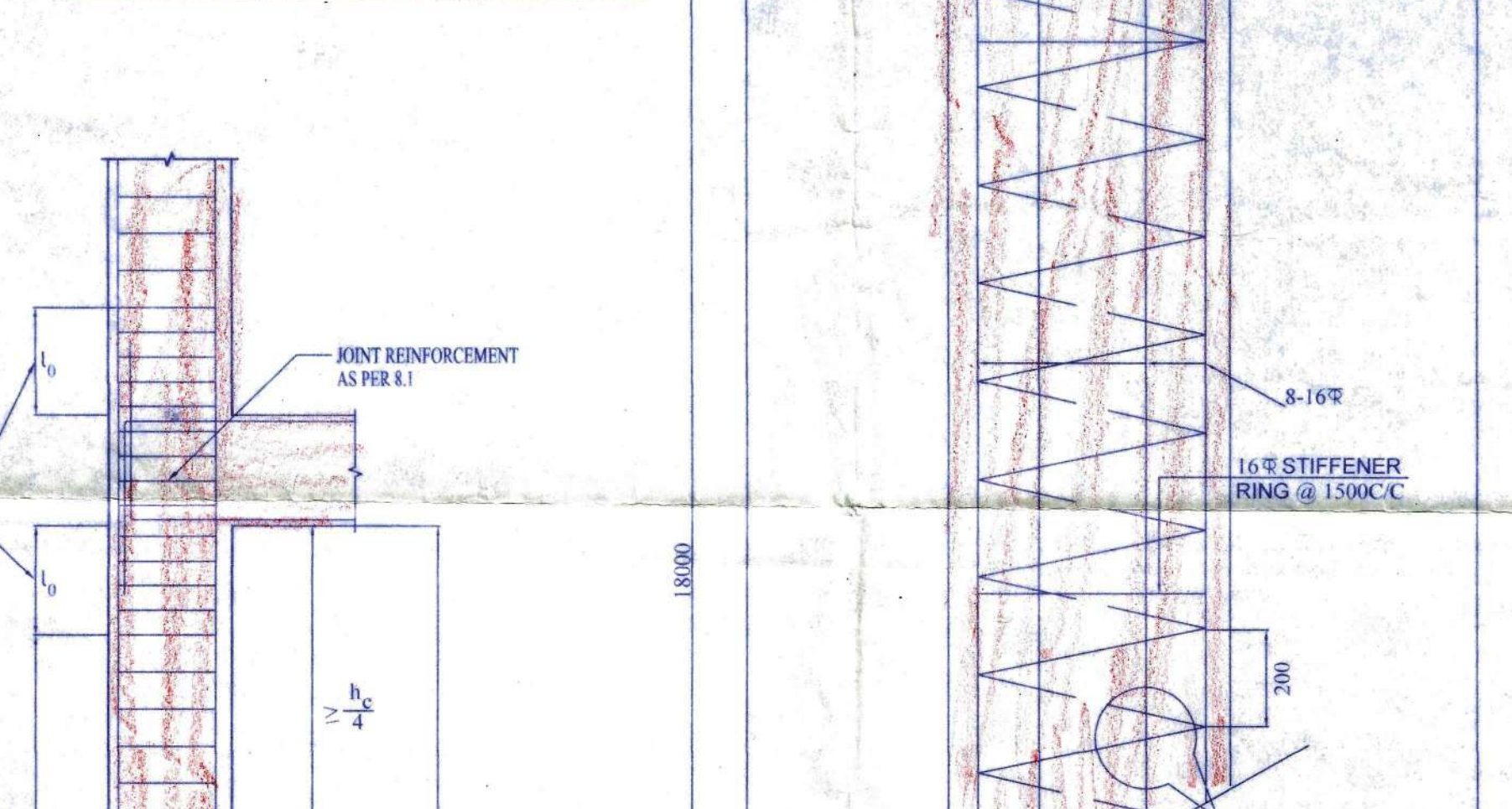
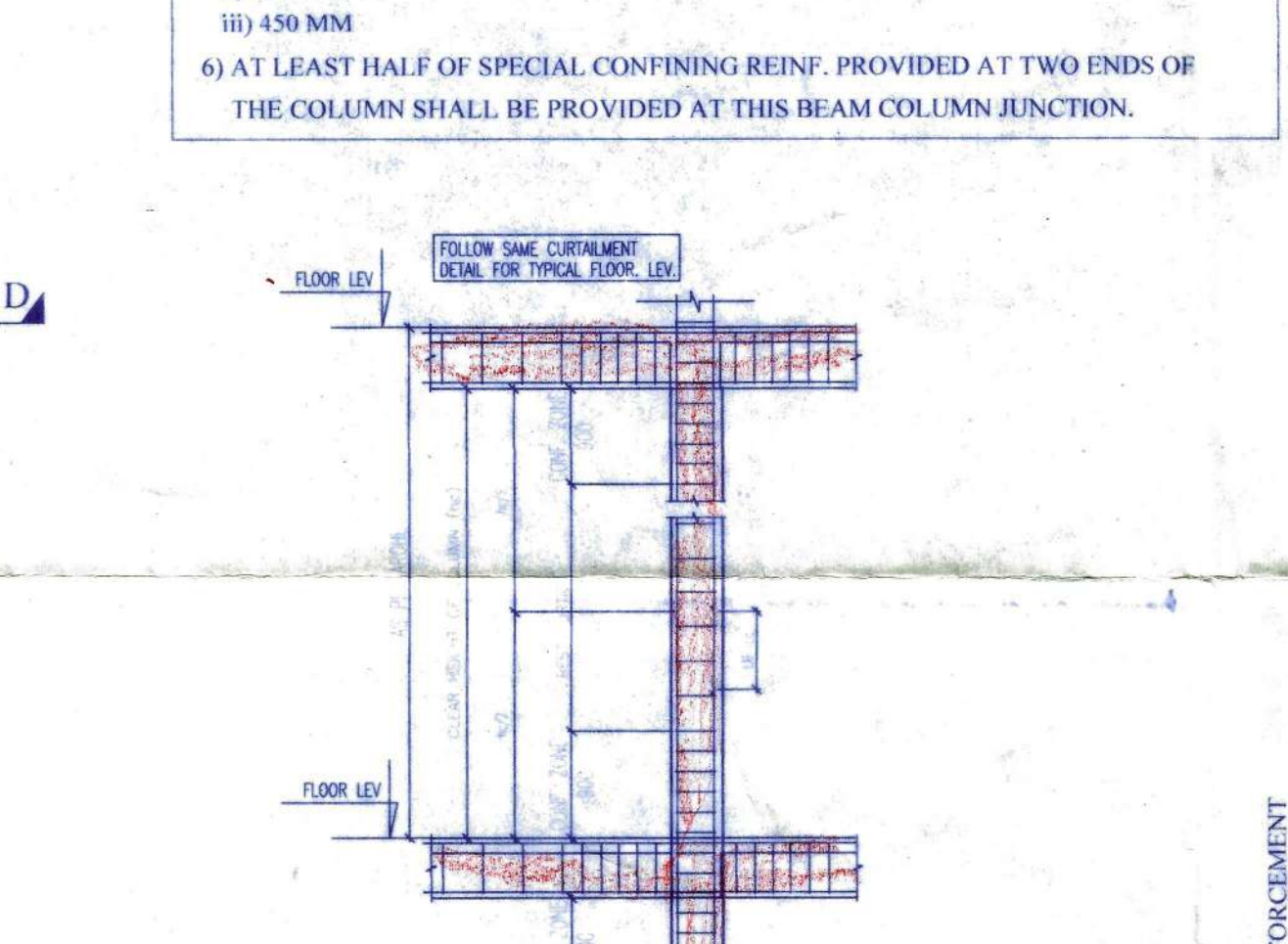
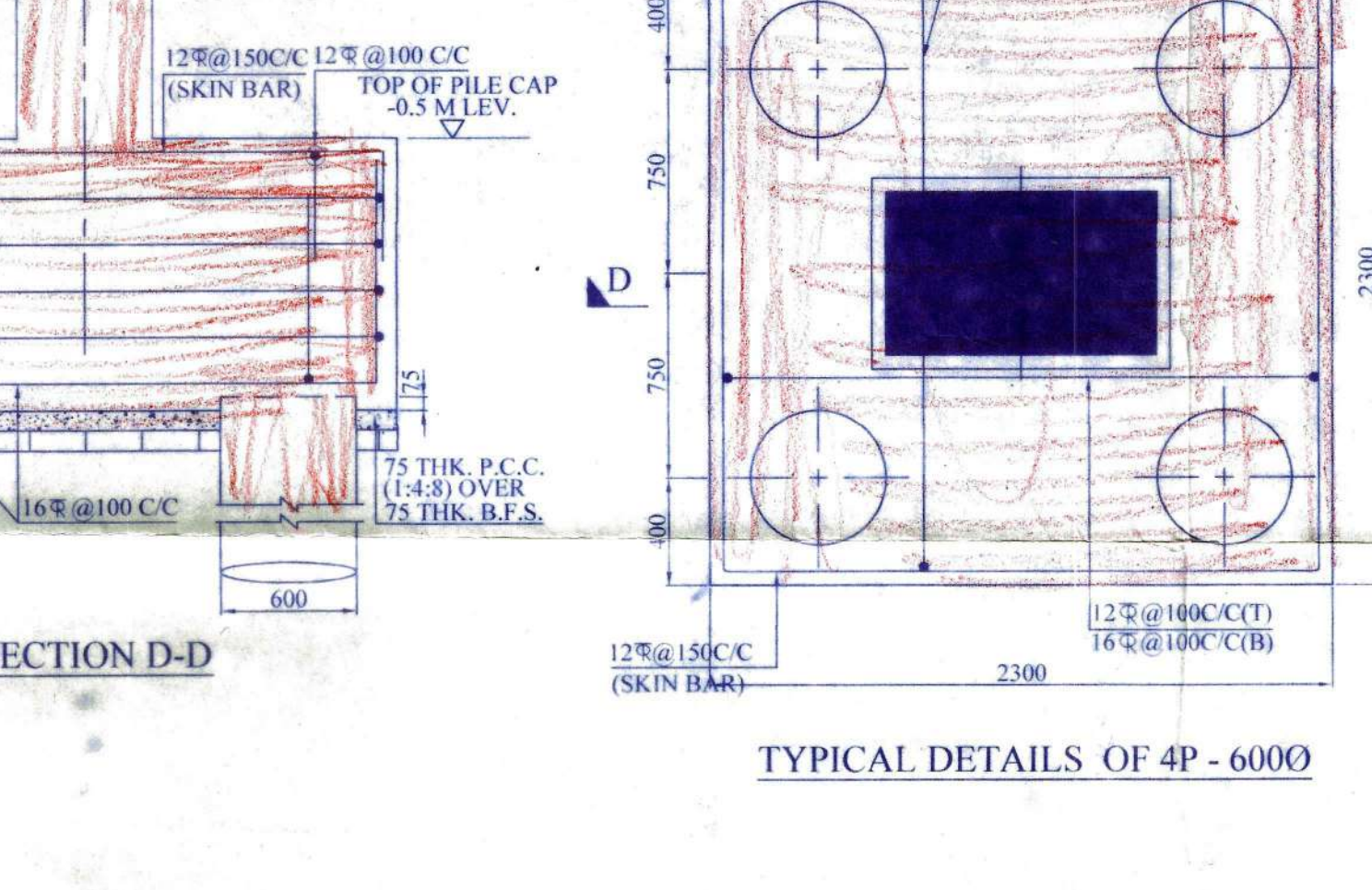
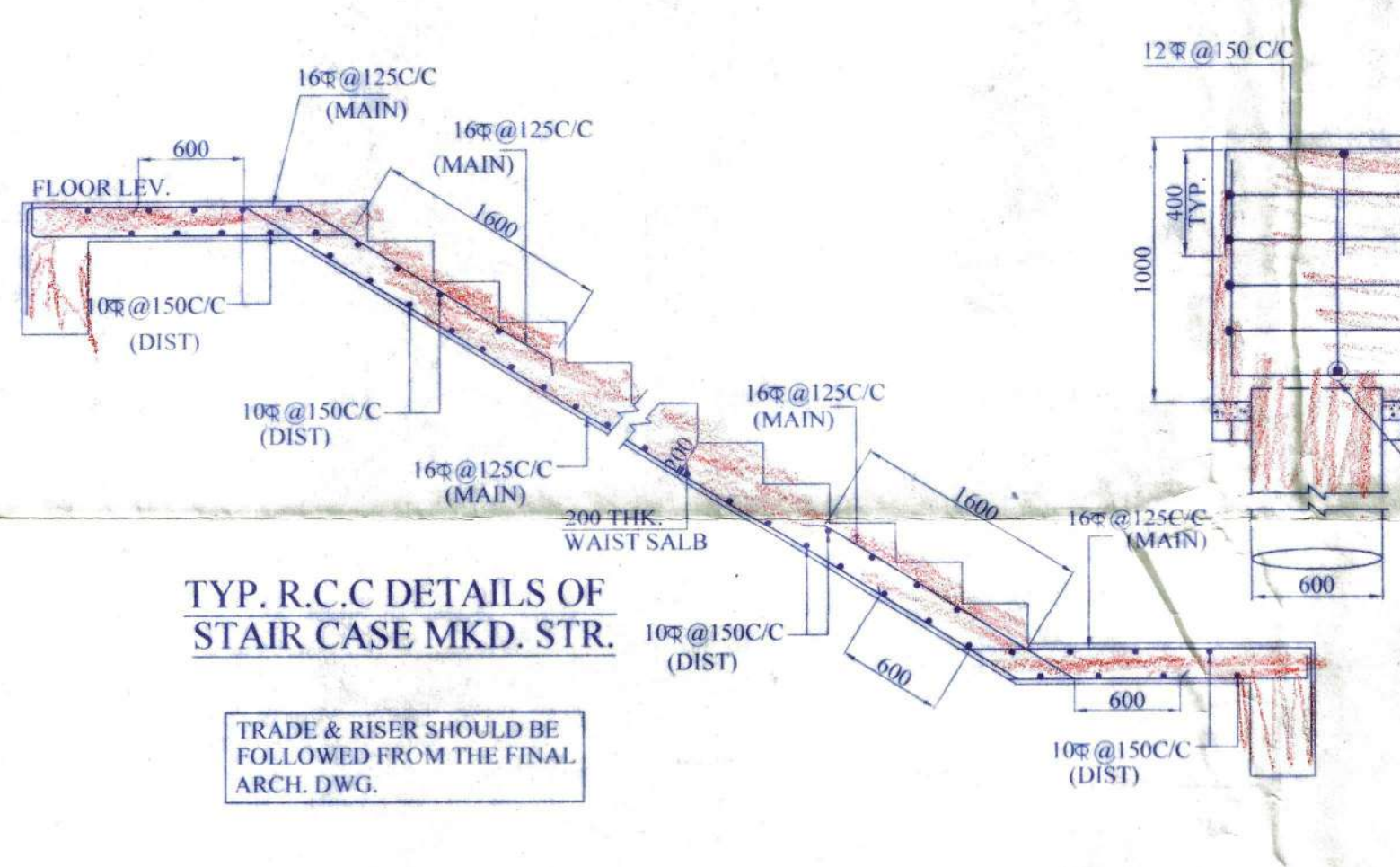


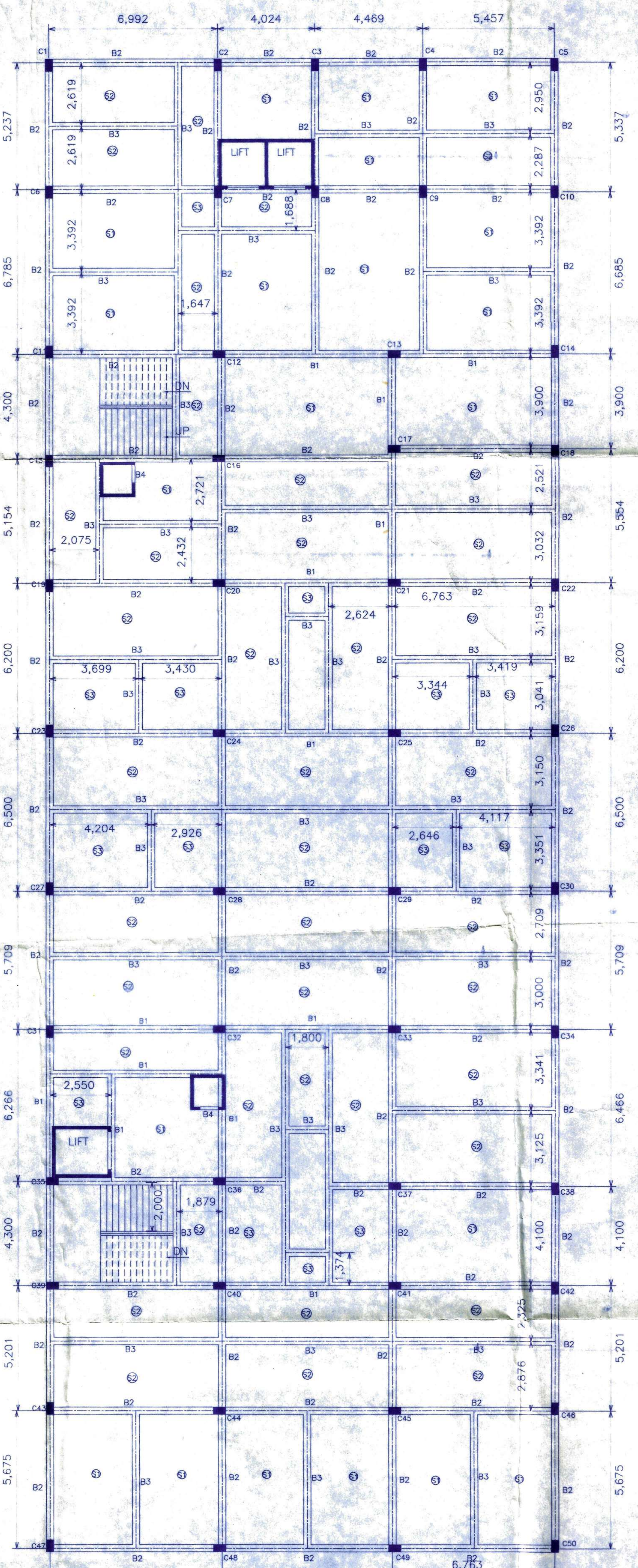
SL. NO.	PILE CAP MKD.	DEPTH OF PILE CAP	SIZE	MAIN REINFORCEMENT				STIRRUPS	SKIN BAR
				ALONG LONGER SIDE	ALONG SHORTER SIDE	TOP	BOTTOM		
1.	4P	1000 MM	2700 X 2700	12@150 C/C	20@125 C/C	12@150 C/C	20@125 C/C	12@150 C/C	10@200 C/C
2.	5P	1000 MM	2700 X 4010	12@150 C/C	20@100 C/C	12@150 C/C	20@125 C/C	12@150 C/C	10@200 C/C
3.	6P	1100 MM	2700 X 4500	12@150 C/C	20@100 C/C	12@150 C/C	20@125 C/C	12@150 C/C	10@200 C/C
4.	8P	1100 MM	3900 X 4100	12@150 C/C	20@100 C/C	12@150 C/C	20@125 C/C	12@150 C/C	10@200 C/C
5.	9PA	1200 MM	2700 X 4500	12@150 C/C	20@100 C/C	12@150 C/C	20@125 C/C	12@150 C/C	10@200 C/C
6.	8PB	1200 MM	5400 X 2700	12@150 C/C	20@100 C/C	12@150 C/C	20@125 C/C	12@150 C/C	10@200 C/C
7.	9PB	1200 MM	4500 X 3900	12@150 C/C	20@100 C/C	12@150 C/C	20@125 C/C	12@150 C/C	10@200 C/C
8.	10P	1200 MM	4500 X 3900	12@150 C/C	20@100 C/C	12@150 C/C	20@125 C/C	12@150 C/C	10@200 C/C
9.	9PA	1200 MM	4500 X 3900	12@150 C/C	20@100 C/C	12@150 C/C	20@125 C/C	12@150 C/C	10@200 C/C
10.	13P	1300 MM	5400 X 3900	12@150 C/C	20@100 C/C	12@150 C/C	20@125 C/C	12@150 C/C	10@200 C/C
11.	20P	1800 MM	6900 X 5400	12@150 C/C	20@100 C/C	12@150 C/C	20@125 C/C	12@150 C/C	10@200 C/C

SLAB MKD.	SLAB THICK.	REINFORCEMENT			
		SHORTER SPAN	LONGER SPAN	SUPPORT (TOP) SPAN (BOT)	SUPPORT (TOP) SPAN (BOT)
S1	275 MM	10@100 C/C	10@125 C/C	10@125 C/C	10@150 C/C
S2	150 MM	10@100 C/C	10@125 C/C	10@125 C/C	10@150 C/C
S3	150 MM	8@100 C/C	8@125 C/C	8@100 C/C	8@150 C/C
STR	200 MM	10@125 C/C	8@150 C/C	10@150 C/C	10@150 C/C

SLAB MKD.	SLAB THICK.	REINFORCEMENT			
		SHORTER SPAN	LONGER SPAN	SUPPORT (TOP) SPAN (BOT)	SUPPORT (TOP) SPAN (BOT)
RAFT SLAB	175 MM	10@150 C/C	10@150 C/C	10@150 C/C	10@150 C/C



NOTES:-  
STRUCTURAL DESIGN HAS BEEN DONE CONSIDERING WALL WITH BRICK (UNIT WEIGHT/DENSITY - LESS THAN 1000 KG/CUM).



BEAM MKD.	SIZE	BxD	MAIN REINFORCEMENT				STIRRUPS
			SUPPORT	SPAN	TOP	BOTTOM	
B1	900X700	4-25 @ 200	4-25 @ 200	4-25 @ 200	4-25 @ 200	10 @ 4@100mm C/C.	
B2	400X700	4-25 @ 200	4-25 @ 200	4-25 @ 200	4-25 @ 200	10 @ 4@100mm C/C.	
B3	300X600	6-25 @ 200	4-25 @ 200	3-25 @ 200	6-25 @ 200	10 @ 4@100mm C/C.	
B4	300X600	3-25 @ 200	3-25 @ 200	3-25 @ 200	3-25 @ 200	10 @ 2@100mm C/C.	

COLUMN MKD.	SIZE (mm)	FLOOR	DR., 1st, 2nd			TIE
			3rd, 4th, 5th	6th, 7th, 8th	9th, 10th	
C1, C3, C4, C5	700X700	20-25	20-25	20-25	10 @ 75mm C/C. 4nos. close link. 1nos. open link.	
C2, C10, C11, C14, C15, C18, C22, C19, C27, C30, C34, C38, C42, C46, C47, C50	700X700	20-25	20-25	20-25	10 @ 75mm C/C. 4nos. close link. 1nos. open link.	
C23, C26, C31, C35, C48, C49	700X700	24-25	24-25	24-25	10 @ 75mm C/C. 4nos. close link. 1nos. open link.	
C2, C39	700X700	24-25	24-25	24-25	10 @ 75mm C/C. 4nos. close link. 1nos. open link.	
C7, C8, C9, C12, C16, C17, C20, C21, C24, C28, C32, C36, C39, C43, C45	900X1000	24-30	24-30	24-30	10 @ 75mm C/C. 4nos. close link. 2nos. open link.	
C13, C24, C36	850X850	28-25	28-25	28-25	10 @ 75mm C/C. 4nos. close link. 2nos. open link.	
LIFT WALL	300 THK	16@125 C/C (VERT.) WITH 10@150 C/C (HORZ.) (W/F).				

1. ALL DIMENSIONS ARE IN MILLIMETERS.  
2. ONLY WRITTEN DIMENSIONS ARE TO BE FOLLOWED.  
3. ROAD CREST LEVEL IS TAKEN AS 4.00 M L.V.  
4. CLEAR COVER TO MAIN REINFORCEMENT:  
a) FOR CONCRETE: 25 MM.  
b) FOR STEEL: 50 MM.  
5. LAP ANCHORAGE LENGTH SHOULD BE GENERALLY 50D (D = DIA OF BAR).  
6. -INDICATES COLD TWISTED DEFORMED BAR AS PER IS 1786.  
7. GRADE OF CONCRETE: M30.  
8. GRADE OF STEEL: Fe-500.  
9. READ THIS DRAWING IN CONJUNCTION WITH RELEVANT ARCHITECTURAL DRAWINGS.  
10. ALL SORTS OF PRELIMINARY MEASURES WILL BE TAKEN AT THE TIME OF CONSTRUCTION.  
11. SOIL BEARING CAPACITY IS CONSIDERED AS 15 TON 600 MM DIA PILE CAPACITY AS PER SOIL REPORT PREPARED BY GEOTECHNICAL ENGINEER.

PROPOSED PLAN OF B+G+5 MERCANTILE BUILDING "UNIQUE SHOPPING MALL" AT L.R. DAG.NO.-2708, L.R. KH.NO-5234, MOUZA-BIKHAKOLA, J.L. NO-18, P.S.-PANCHLA, DIST.-HOWRAH.

ALL DIMENSIONS ARE IN M.M.  
SCALE- 1:100, 1:50, 1:25, 1:600, 1:10,000.

CERTIFICATE OF STENGS  
I CERTIFY WITH FULL RESPONSIBILITY THAT THE FOUNDATION AND THE SUPERSTRUCTURE OF THE BUILDING HAS BEEN DESIGNED BY ME CONSIDERING ALL POSSIBLE LOADS INCLUDING SEISMIC LOAD. WIND LOAD AS PER THE NATIONAL BUILDING CODE OF INDIA AND ALSO CONSIDERING THE BEARING CAPACITY AND SETTLEMENT OF SOIL AND CERTIFY THAT THE BUILDING IS SAFE AND STABLE IN ALL RESPECT.

Signature of StenGs: *Ashish Sarkar*  
ASHISH SARKAR  
B.TECH (CIVIL), M.TECH (CIVIL), M.E. (INDUSTRIAL) ENGINEER (CIVIL) (STRUCTURAL) ENGINEER (REGISTRATION NO.-A/FP/001/2/20) (BARRISTER ENGINEER (INDIA))

CERTIFICATE OF ARCHITECT  
I CERTIFY WITH FULL RESPONSIBILITY THAT THE BUILDING PLAN HAS BEEN DRAWN AS PER PROVISION OF THE PREVALING BUILDING RULES THE SITE CONDITION INCLUDING THE WIDTH OF THE ABUTTING ROAD CONFORM WITH THE PLAN THAT IT IS BUILDABLE AND NOT TANK OR FILLED UP TANK.

Signature of Architect: *Mr. Mitesh Paul*  
Mr. Mitesh Paul  
CIVIL ARCHITECT (INDIA)  
A.I.A. No. CA/780/1997  
B. Bachel. Architectural Engineering  
Jadavpur University

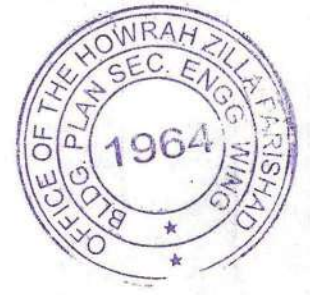
SIGNATURE OF OWNER: *For BHAT INFRASTRUCTURE PVT. LTD.*  
SIGNATURE OF I.B.A.: *Dr. Dipankar Majumdar*  
Dr. Dipankar Majumdar  
Ph.D. (Structural Engg.)  
Assistant Professor  
Department of Civil Engineering  
Jadavpur University

THE PLOT AS PER SITE PLAN BELONGS TO ME AND IF THERE BE ANY LITIGATION INFUTURE THE RESPONSIBILITY WILL LIE WITH ME.

FOR BHAT INFRASTRUCTURE PVT. LTD.  
DIRECTOR

VERIFIED BY JADAVPUR UNIVERSITY  
Dr. Dipankar Majumdar  
Ph.D. (Structural Engg.)  
Assistant Professor  
Department of Civil Engineering  
Jadavpur University





District Engineer  
MURAH ZILLA PARISHAD  
11/4/23