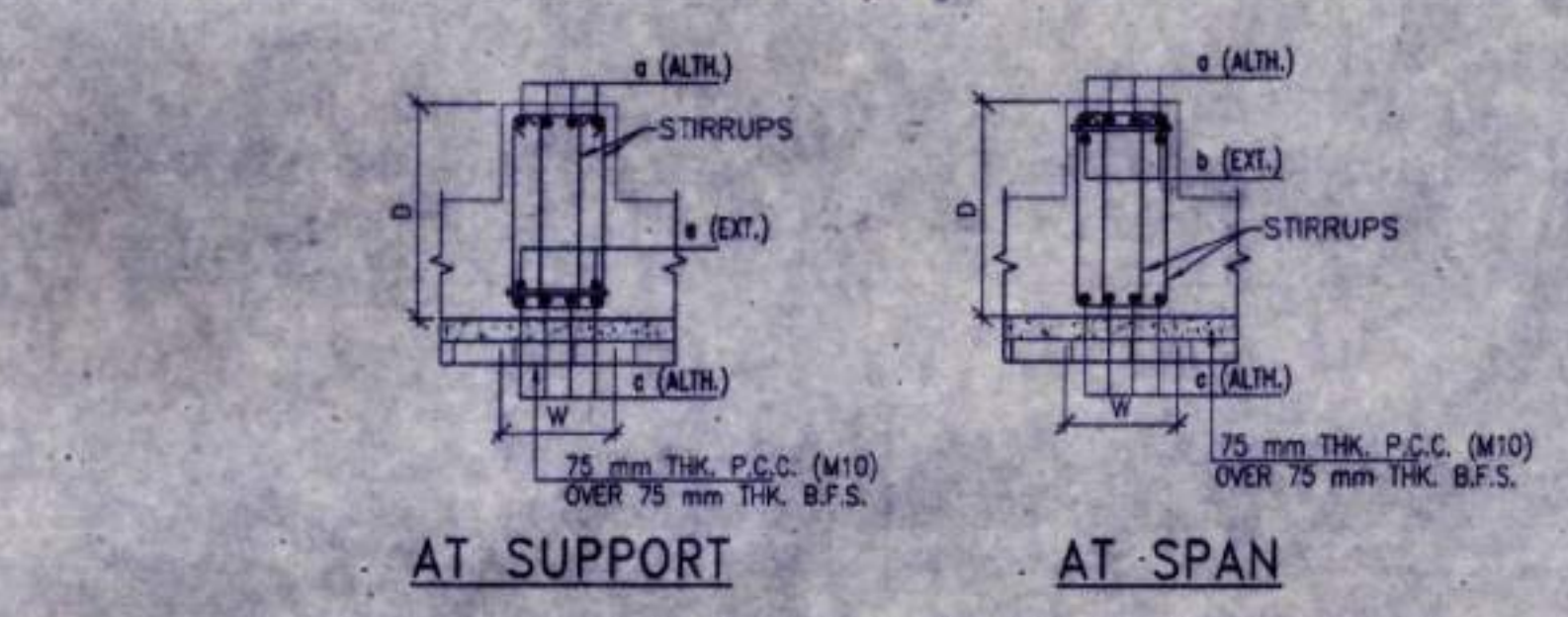
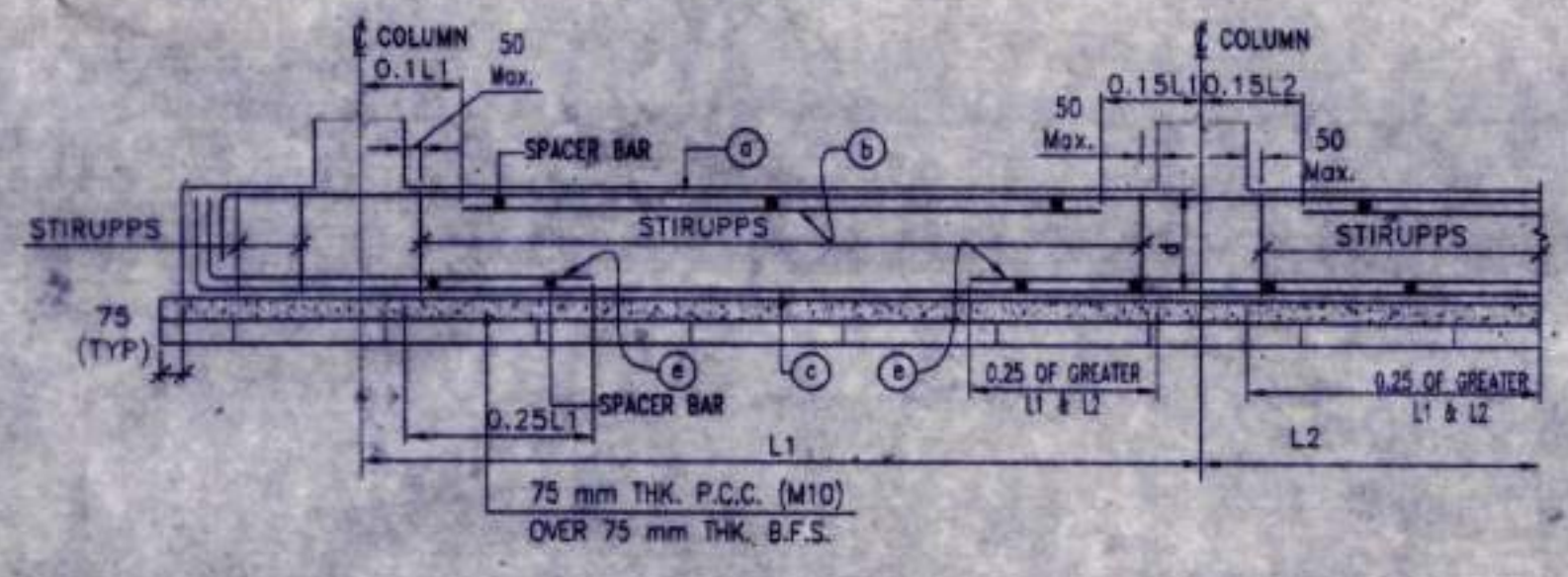


FOUNDATION LAYOUT PLAN
(ALL RAFT SLAB THICKNESS 1200mm)
SCALE: 1:100

IMPORTANT NOTE:
THE STRUCTURE MUST BE CONSTRUCTED IN PRESENCE OF A COMPETENT STRUCTURAL ENGINEER FOR STRICT SUPERVISION.



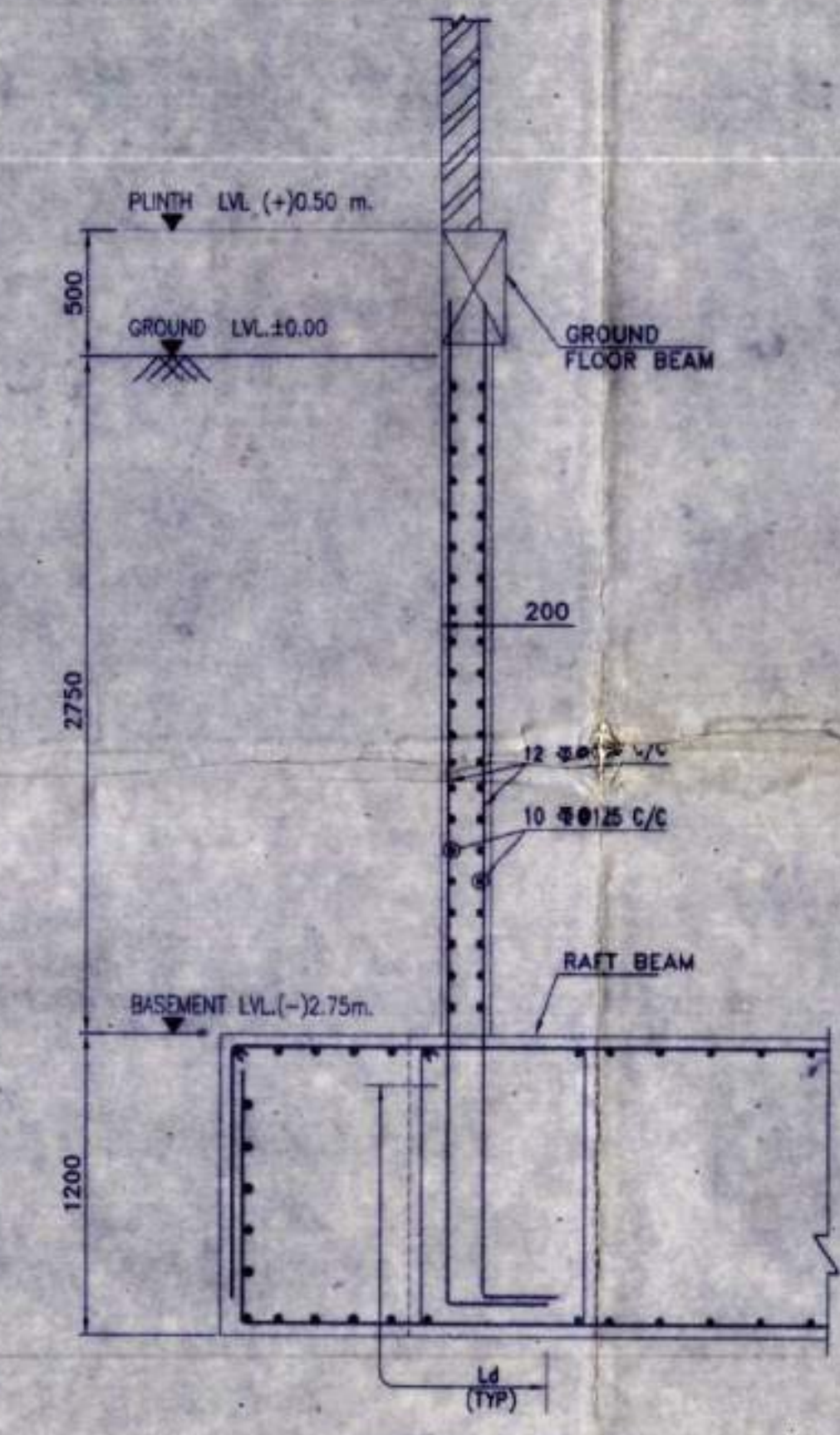
TYPICAL CROSS SECTION OF FOUNDATION BEAM



TYPICAL ARRANGEMENT OF REINFORCEMENT IN FOUNDATION BEAM
(AS PER SP 34-1987)

BEAM MARKED	BEAM SIZE (W x H)	TOP REINFORCEMENT			BOTTOM REINFORCEMENT			STIRRUPS
		ALONG/DIA	EXTN AT SP	EXTN AT SUPP	ALONG/DIA	EXTN AT SP	EXTN AT SUPP	
RFB1	1800 x 1200	10-16 @	5-16 @	10-16 @	5-20 @	4-10 @	4L-10 @ 100 C/C	
RFB2	1500 x 1000	9-16 @	4-16 @	9-16 @	5-16 @	4-10 @	4L-10 @ 100 C/C	
RFB3	1400 x 1200	10-16 @	4-16 @	10-16 @	5-16 @	4-10 @	4L-10 @ 100 C/C	
RFB4	1350 x 1200	10-16 @	5-16 @	10-16 @	5-16 @	4-10 @	4L-10 @ 100 C/C	
RFB5	1200 x 1200	10-16 @	7-20 @	10-20 @	5-20 @	4-10 @	4L-10 @ 100 C/C	
RFB6	1700 x 1200	12-16 @	8-16 @	12-16 @	8-20 @	4-10 @	4L-10 @ 100 C/C	
RFB7	1150 x 1200	10-16 @	5-16 @	10-16 @	6-20 @	4-10 @	4L-10 @ 100 C/C	
RFB8	1100 x 1200	9-16 @	8-16 @	8-20 @	-	4-10 @	4L-10 @ 100 C/C	
RFB9	1000 x 1200	8-16 @	2-16 @	8-16 @	4-16 @	4L-10 @ 100 C/C		
RFB10	350 x 1200	8-16 @	4-16 @	8-16 @	4-20 @	4L-10 @ 100 C/C		
RFB11	800 x 1200	5-16 @	5-16 @	5-16 @	5-20 @	4L-10 @ 100 C/C		
RFB12	800 x 1200	5-16 @	4-16 @	4-16 @	4-20 @	4L-10 @ 100 C/C		
RFB13	800 x 1200	5-20 @	2-20 @	5-20 @	4-20 @	4L-10 @ 100 C/C		
RFB14	800 x 1200	5-20 @	2-20 @	5-20 @	4-20 @	4L-10 @ 100 C/C		
RFB15	800 x 1200	5-20 @	2-20 @	5-20 @	4-20 @	4L-10 @ 100 C/C		
RFB16	500 x 1200	4-20 @	-	4-20 @	4-20 @	4L-10 @ 100 C/C		
RFB17	300 x 1200	5-20 @	5-20 @	4-20 @	4-20 @	4L-10 @ 100 C/C		

SLAB THICKNESS (mm)	REINFORCEMENT ALONG SHORTER DIRECTION		REINFORCEMENT ALONG LONGER DIRECTION		SIDE FACE REINF.
	TOP	BOTTOM	TOP	BOTTOM	
1200	25 @ 100 C/C	25 @ 100 C/C	25 @ 100 C/C	25 @ 100 C/C	16 @ 150 C/C

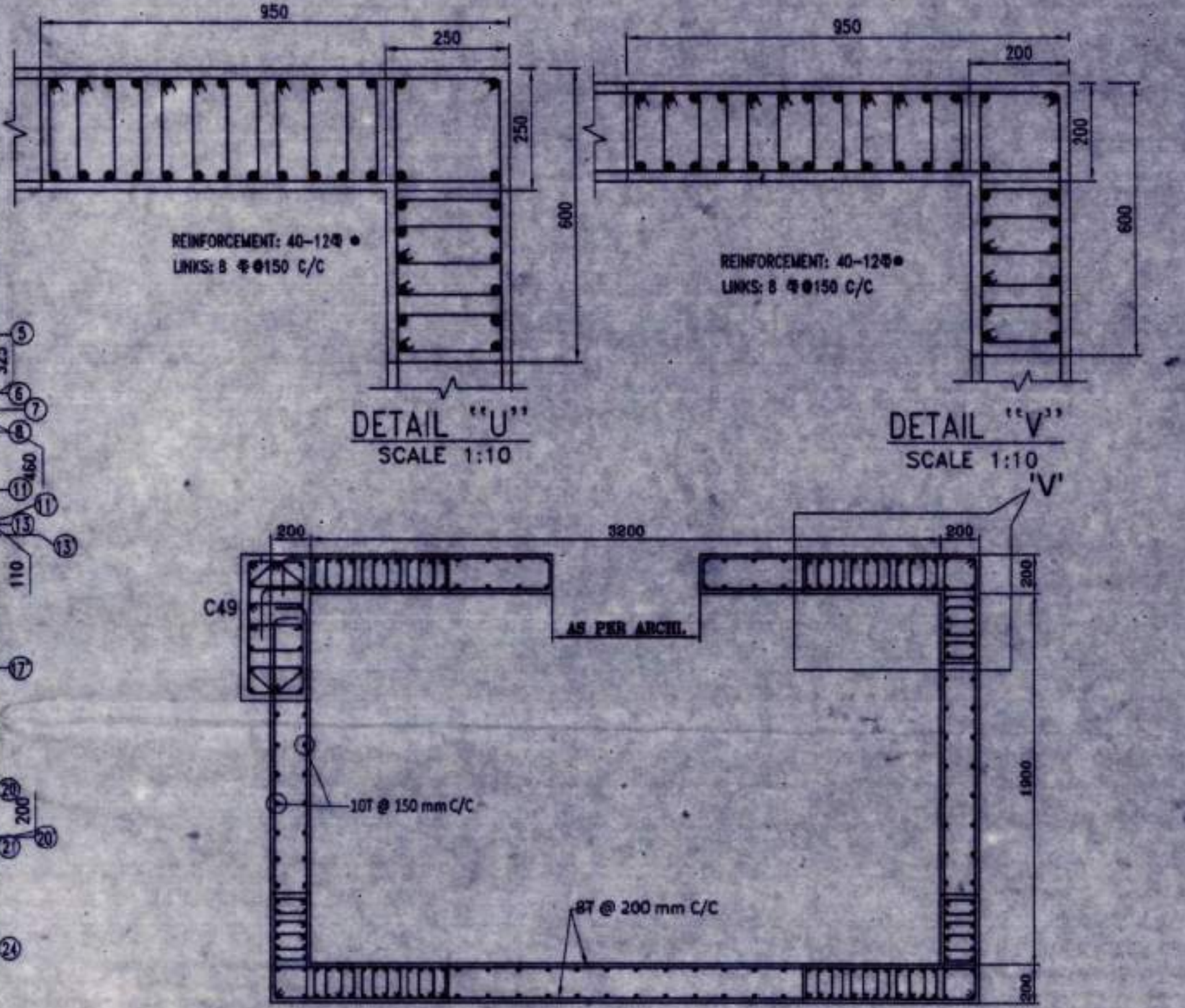


SECTION (1-1) DETAILS OF RETAINING WALL
SCALE: 1:25

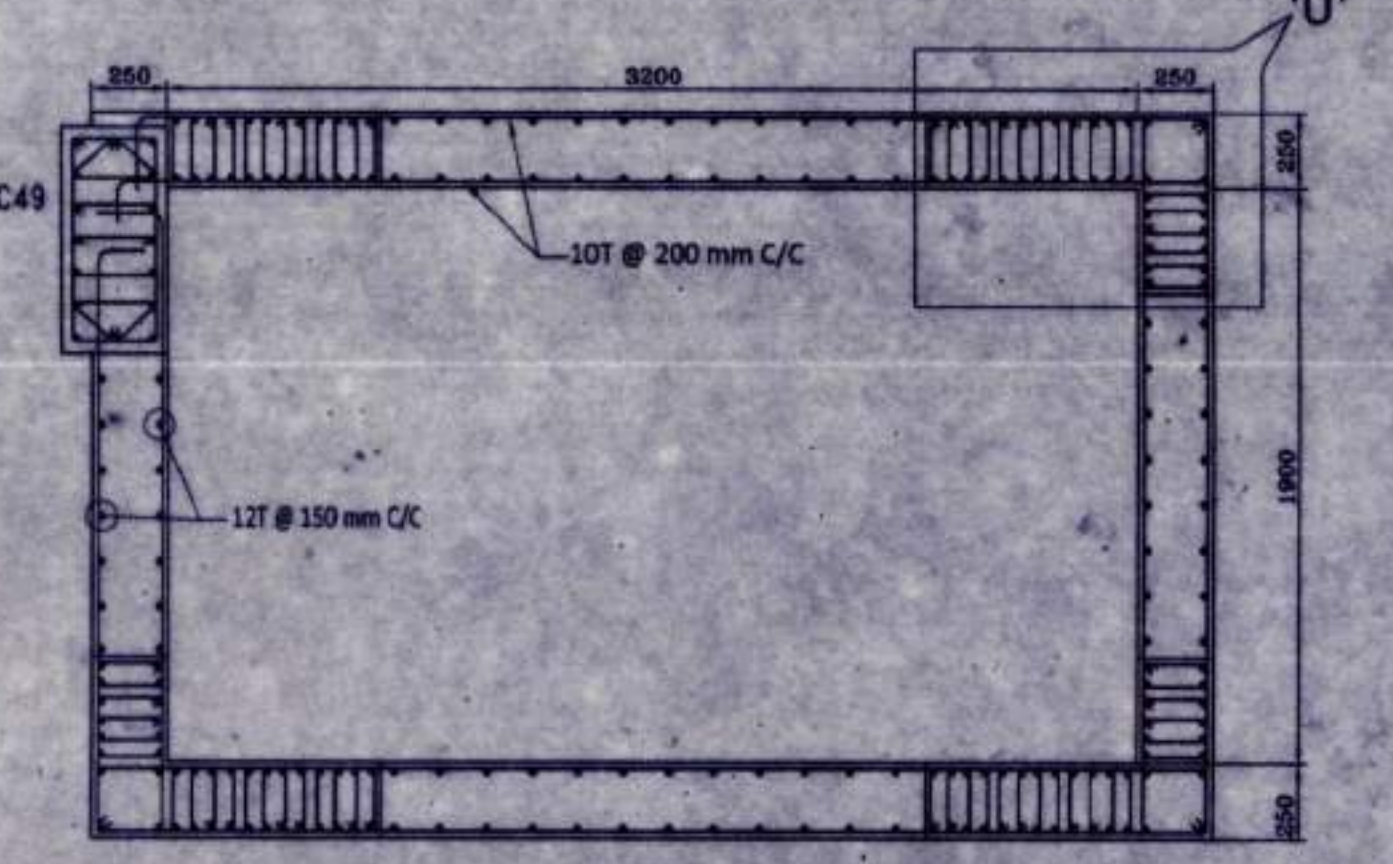
- NOTES:-**
- UNLESS OTHERWISE STATED ALL CONSTRUCTION ACTIVITIES SHALL BE CARRIED OUT CONFORMING TO RELEVANT (INDIAN) STANDARD CODES OF PRACTICE.
 - ALL DIMENSIONS ARE IN MILLIMETERS & LEVELS ARE IN METER EXCEPT OTHERWISE MENTIONED ONLY WRITTEN DIMENSIONS SHALL BE FOLLOWED. ALL LEVELS GIVEN IN STRUCTURAL DRAWINGS ARE IN ACCORDANCE WITH ARCHITECTURAL DRAWINGS, AND INDICATE STRUCTURAL LEVEL ONLY (WITHOUT FINISH).
 - ANY DISCREPANCY IN THE STRUCTURAL AND ARCHITECTURAL DRAWINGS SHALL BE BROUGHT TO THE NOTICE OF STRUCTURAL CONSULTANT BEFORE EXECUTION OF WORK.
 - UNLESS OTHERWISE SPECIFIED ALL REINFORCEMENT TO BE USED SHALL BE RAFT B/W 'B' GRADE, F_y=500/550 @ CONFORMING TO IS-1786-2008.
 - ADAPTED DRAWING SHALL BE PROVIDED TO KEEP THE TOP REINFORCEMENT IN PROPER POSITION.
 - VIBRATOR SHALL BE USED FOR PROPER COMPACTION OF CONCRETE AND CURING SHALL BE DONE PROPERLY.
 - UNLESS OTHERWISE SPECIFIED DISTRIBUTION REINFORCEMENT SHALL BE 8 T @ 250 C/C.
 - CONCRETE CLEAR COVER SHALL BE AS FOLLOWS:
DRAFT BEAM & SLAB : 50 mm
SHEAR WALL : 20 mm
 - GRADE OF CONCRETE FOR SUBSTRUCTURE WILL BE M25 AS PER IS: 456-2000.
 - DEVELOPMENT LENGTH SDOX FOR LAP & SPLICES SHOULD BE PROVIDED AS PER THE PROVISIONS LAID DOWN IN SP34:1987.
 - THE GROSS SAFE BEARING CAPACITY OF THE RAFT SHOWN IN THE DRAWING AT DEPTH (C/D) FROM G.L. HAVE BEEN CONSIDERED 24.0 T/50M ON THE BASIS OF SOIL REPORT PREPARED BY GEOTECH ENGINEERS PVT. LTD. (RAJALOKH), THIS MUST BE ENSURED AT SITE UNDER THE SUPERVISION OF A COMPETENT GEOTECHNICAL ENGINEER FOR VALIDITY OF THIS DRAWING.
 - THE 'N' VALUE AS DESCRIBED UNDER NOTES OF TABLE-1 OF IS-1953 (PART-1)-2016 SHOULD BE ENSURED TO BE GREATER THAN 15 FOR VALIDITY OF THIS DESIGN AND DRAWING.

APPROVED *[Signature]*
Pradhan
Maleswari Gram Panchayat

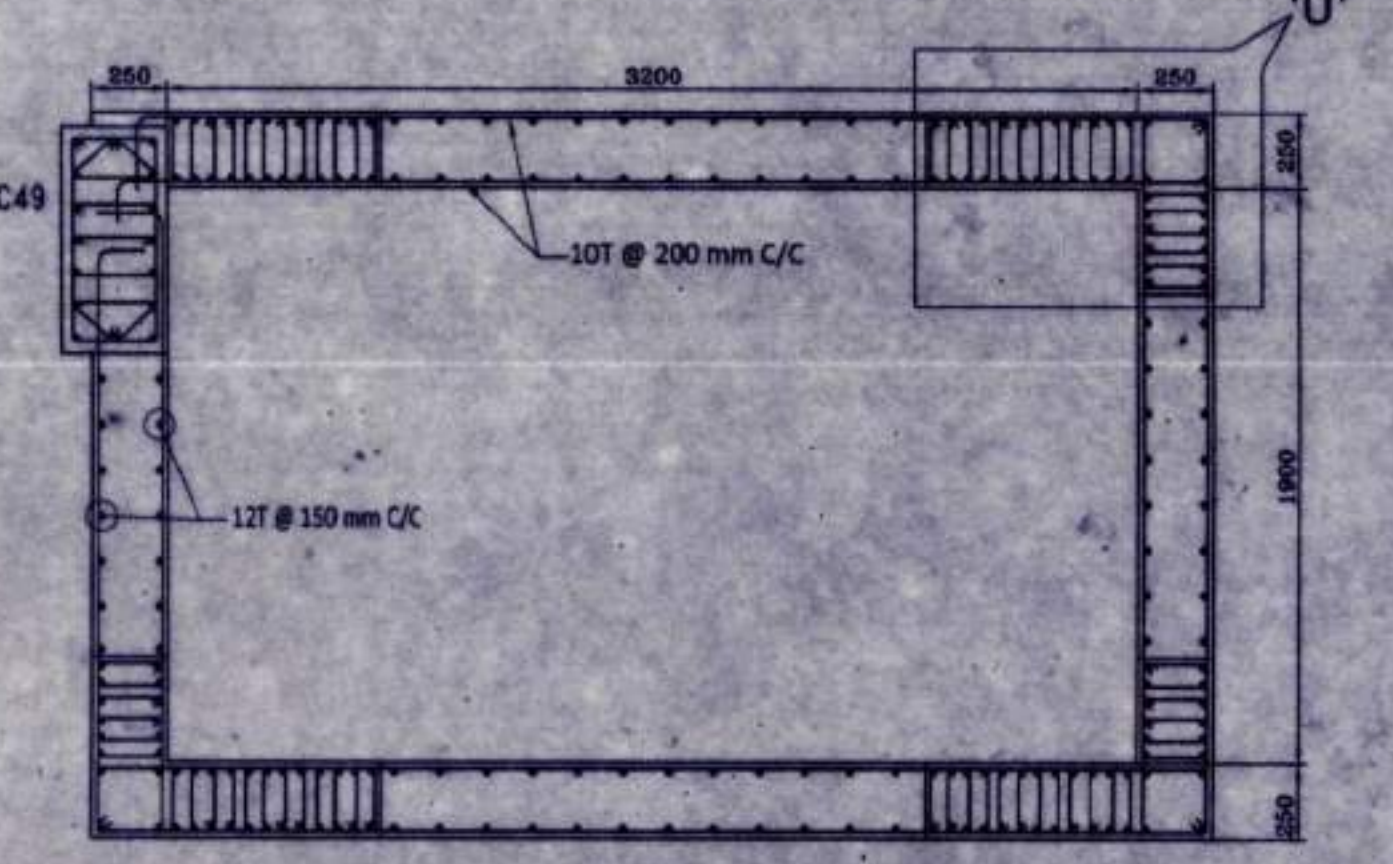
SPECIAL NOTE:-
THIS STRUCTURAL DRAWING IS VALID IF THE ARCHITECTURAL DRAWING IS FOLLOWED USING 200mm THICK AAC BLOCKS IN EXTERNAL WALLS & 150mm THICK AAC BLOCKS IN INTERNAL WALLS.



DETAIL 'U' SCALE 1:10
DETAIL 'V' SCALE 1:10



LIFT 2 WALL PLAN AT FLOOR LEVEL SECTION (S-S)
REINFORCEMENT DETAIL SAME FOR LIFT 1, 3 & 4
SCALE: 1:25



LIFT 2 WALL PLAN AT BASE LEVEL SECTION (R-R)
REINFORCEMENT ARRANGEMENT SAME FOR LIFT 1, 3 & 4
SCALE: 1:25

TITLE
STRUCTURAL DRAWINGS OF PROPOSED ELEVEN (B+G+10) STORED RESIDENTIAL APARTMENT OF DURGAPUR REAL ESTATE OVER R.S. PLOT NO. - 1091, 1092, 1093, 1094, 1096, 1099, 1910, 1911, & 1102 / 1998 (P), KHATIAN NO.- 2503, 2504, & 2958 IN MOUZA - ARRAH, J.L. NO - 91- P.S. KANKSA, DIST. - PASCHIM BARDHAMAN.

SIGNATURE OF OWNER
DURGAPUR REAL ESTATE PVT. LTD.
[Signature]
Director

SIGNATURE OF ARCHITECT
CERTIFIED THAT THE PLAN HAS BEEN DESIGNED AND DRAWN UP STRICTLY ACCORDING TO THE BUILDING RULES FOR THE NEW TOWN KOLKATA PLANNING AREA (ENCLINED) RULES, 2014. CERTIFIED THAT THE FOUNDATION AND SUPER STRUCTURE OF BUILDING HAVE BEEN DESIGNED BY ME AS WELL AS FOUNDATION AND SUPER STRUCTURE SAFE IN ALL RESPECTS INCLUDING THE BEARING CAPACITY AND SETTLEMENT OF SOIL. I HAVE PERSONALLY VERIFIED THE SITE AND FOUND IT IS SUITABLE TO BE NOT A TANK OR FILLED UP TANK, HENCE OK.

SIGNATURE OF STRUCTURAL ENGINEER
ANIRBAN BHATTACHARYA
B.ARCCH.
CA/2014/62790
[Signature]

JUI CHATTERJEE
B.ARCCH.
L18 Ramnagar Road, Durgapur - 713001
9130811794/943449999
[Signature]

SIGNATURE OF VETTING AUTHORITY
THE STRUCTURAL DESIGN AND DRAWING OF BOTH FOUNDATION AND SUPERSTRUCTURE OF THE BUILDING HAS BEEN MADE BY ME CONSIDERING ALL POSSIBLE LOADS INCLUDING THE BEARING LOAD AS PER THE NATIONAL BUILDING CODES OF INDIA AND CERTIFIED THAT IT IS SAFE AND SOUND IN ALL RESPECTS.
[Signature]

SIGNATURE OF PANCHAYET PRADHAN
APPROVED *[Signature]*
Pradhan
Maleswari Gram Panchayat

SIGNATURE OF PANCHAYET PRADHAN
APPROVED *[Signature]*
Pradhan
Maleswari Gram Panchayat

DRAWING DETAILS
FOUNDATION LAYOUT PLAN AND REINFORCEMENT DETAILS.
SCALE: 1:100 OR AS SHOWN
LIFT - 16.00.00
SHEET 1 OF 6