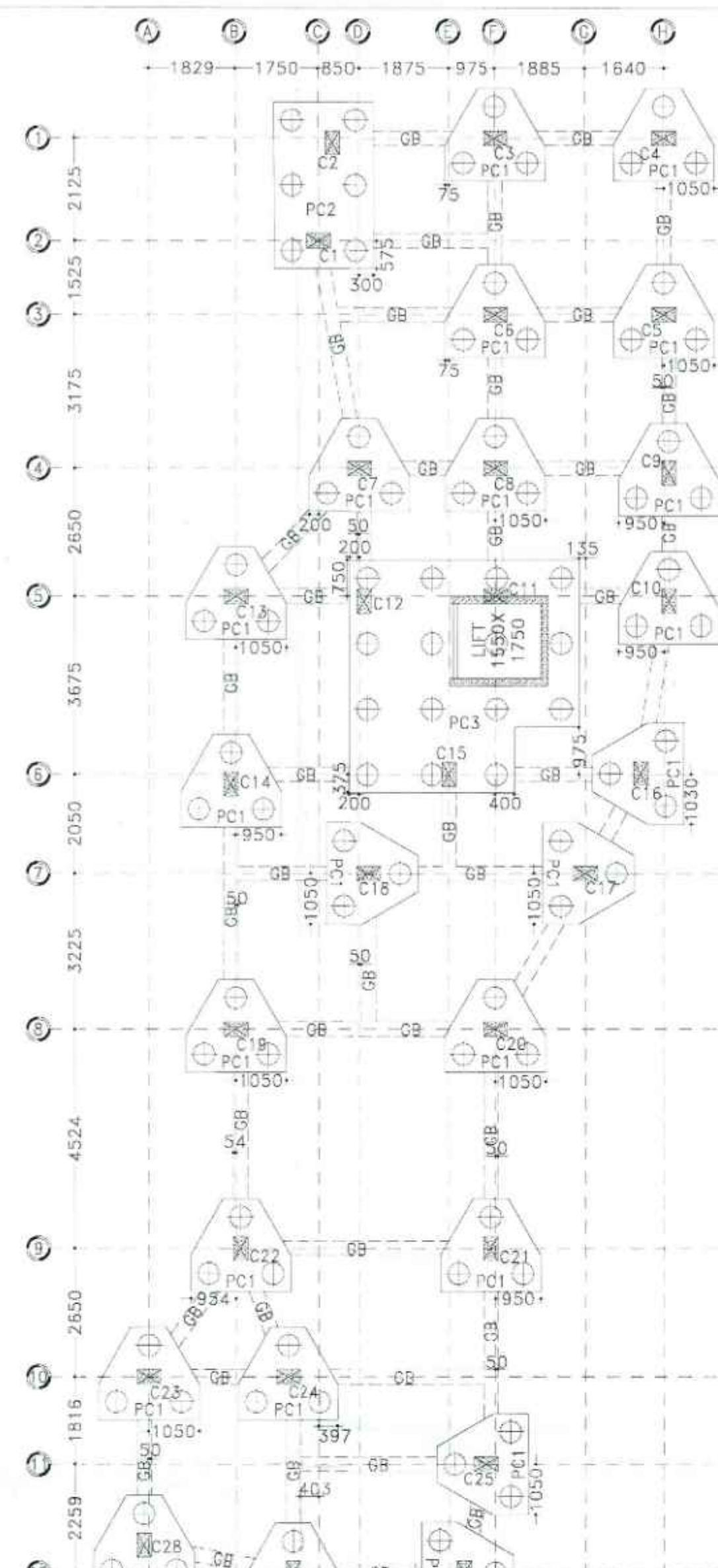




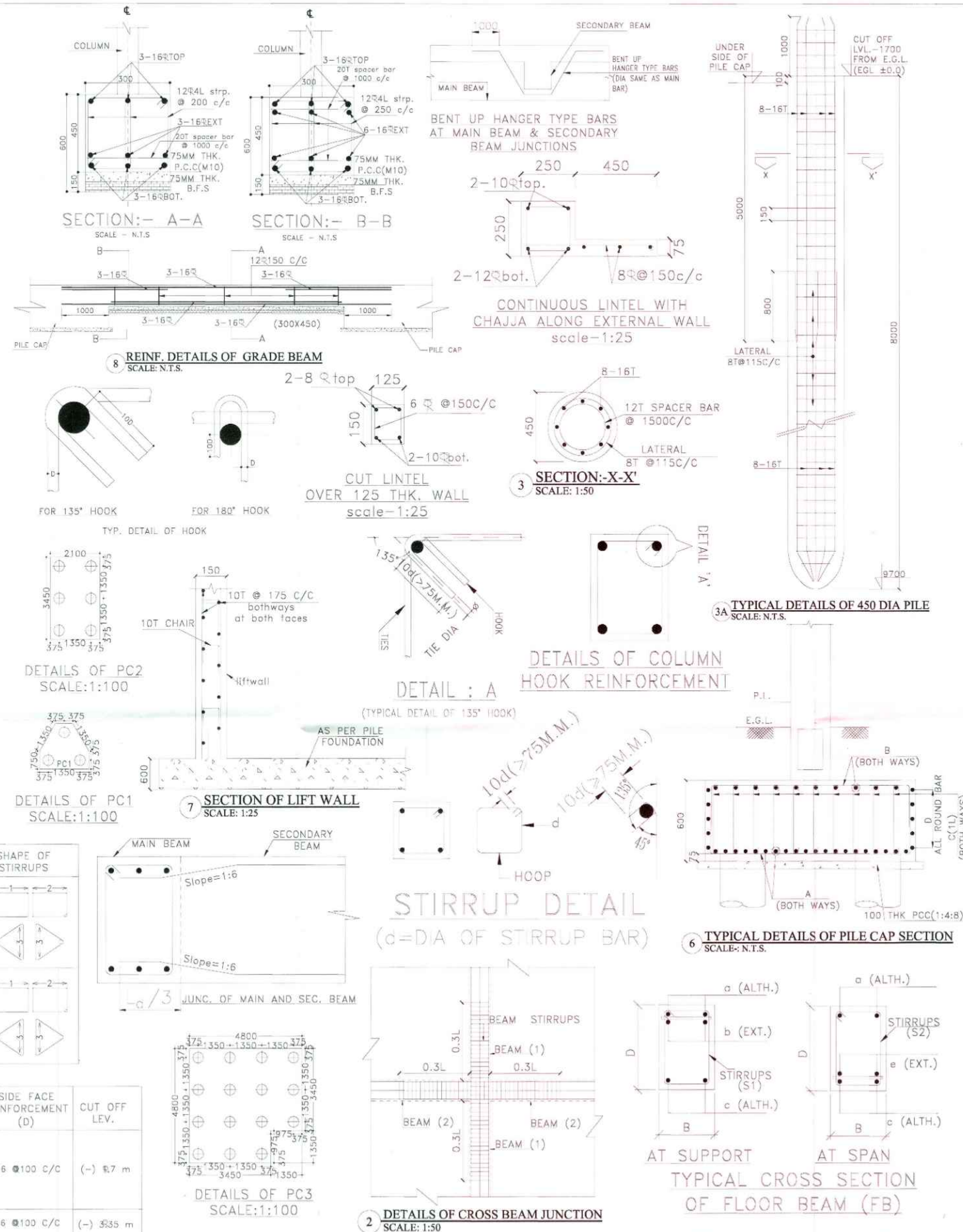
2 FOUNDATION LAYOUT PLAN
SCALE: 1:100

SCALE: 1:100								
COLUMN MARKED	NO.OF COLUMN	COLUMN SIZE (mm x mm)	FOUNDATION TO 2ND FLOOR LONGITUDINAL REINFORCEMENT	3RD FLOOR TO 4TH FLOOR LONGITUDINAL REINFORCEMENT	5TH FLOOR TO ROOF LONGITUDINAL REINFORCEMENT	TIE	SHAPE OF STIRRUPS	
C1,C2,C3,C4,C5, C7,C9,C10,C13, C14,C16,C17, C19,C20,C21, C22,C23,C25, C26,C27,C28.	21	500X300	 REINFORCEMENT: 12-20ϕ	 REINFORCEMENT: 10-20ϕ 2-16ϕ	 REINFORCEMENT: 8-20ϕ 4-16ϕ	NEAR JUNCTION (UPTO '10') LENGTH LINKS-8ϕ75C/C (4 NOS. CLOSE LINK PER SET) AT REST PORTION LINKS-8ϕ150C/C (4 NOS. CLOSE LINK PER SET)		
C6,C8,C11,C12, C15,C18,C24	07	500X300	 REINFORCEMENT: 10-20ϕ 2-16ϕ	 REINFORCEMENT: 8-20ϕ 4-16ϕ	 REINFORCEMENT: 6-20ϕ 6-16ϕ	NEAR JUNCTION (UPTO '10') LENGTH LINKS-8ϕ75C/C (4 NOS. CLOSE LINK PER SET) AT REST PORTION LINKS-8ϕ150C/C (4 NOS. CLOSE LINK PER SET)		

PILE CAP MARKED	NAME OF COLUMN	CAP SIZE LENGTH WIDTH (mm) (mm)	THICKNESS (mm)	BOTTOM REINFORCEMENT(A)		TOP REINFORCEMENT(B)		C LINK(C) (BOTH DIRECTION)	SIDE FACE REINFORCEMENT (D)	CUT OFF LEV.
				ALONG LONGER DIRECTION	ALONG SHORTER DIRECTION	ALONG LONGER DIRECTION	ALONG SHORTER DIRECTION			
PC1(3P)	C3,C4,C5,C6,C7,C8,C9, C10,C13,C14,C16,C17, C18,C19,C20,C21,C22, C23,C24,C25,C26, C27,C28.	SEE LAYOUT PLAN	600	16 Φ 150 C/C	16 Φ 150 C/C	16 Φ 150 C/C	16 Φ 150 C/C	12 Φ 150 C/C	16 Φ 100 C/C	(-) 5.7 m
PC2(6P)	(C1+C2)	2100X3450	600	16 Φ 150 C/C	16 Φ 150 C/C	16 Φ 150 C/C	16 Φ 150 C/C	12 Φ 150 C/C	16 Φ 100 C/C	(-) 5.35 m
PC2(15P)	(C11+C12+C15+LIFT)	SEE LAYOUT PLAN	600	16 Φ 150 C/C	16 Φ 150 C/C	16 Φ 150 C/C	16 Φ 150 C/C	12 Φ 150 C/C	16 Φ 100 C/C	(-) 5.35 m

MIN. CEMENT CONTENT IN CONCRETE SHALL BE = 400kg/m ³								
LEGEND	DIA OF PILE (MM)	CUT-OFF LEVEL (M)	PILE LENGTH (M)	MAIN REINFORCEMENT	PILE CAPACITY			REMARKS
					SAFE WORKING LOAD IN TONS			
					COMPRESSION	TENSION	LATERAL	
	450 DIA	EL.(-) 1700 EXCEPT PILES UNDER LIFT PIT	8.0	8-16Q(ALTH)	-	-	-	CUT OFF LEVEL IS (-) 3350 M LEVEL FROM E.G.L. FOR LIFT

NOTE:- ABOVE ARE THE PILE DETAILS ADOPTED. THESE MUST BE ENSURED AT SITE BY PILE LOAD TEST.



SIGNATURE OF DEVELOPER/OWNER:-

VETTED BY:-

S. N. Mukherjee 28/9/73

DR. S. N. MUKHERJEE
Professor
CIVIL ENGINEERING DEPT.
JADAVPUR UNIVERSITY
KOLKATA-700032, (W.B)

Approved Plan No. 515.....on Meeting
No. 251/2024-25.....Date 28/9/2024
Valid upto 28/10/2024.....

S. N. Mukherjee
Pradhan
Jemua Gram Panchayat

TITLE:-

COLUMN LAYOUT, SCHEDULE OF COLUMN, FOOTING LAYOUT, SCHEDULE OF FOOTING, TYPICAL DETAILS OF PILE & PILE CAP SECTION, SECTION OF LIFT WALL, REINF OF GRADE BEAM, CUT LINTEL & C CONTINUOUS LINTEL, JUNC OF MAIN & SEC. BEAM, HOOK DETAILS, STIRRUPS DETAILS, BENT UP BARS AT MAIN BEAM & SECONDARY BEAM JUNC, DETAILS OF CROSS BEAM JUNCTION.

DRAWN BY:— S. MIDDYA

CHECKED BY:- S AKHTAR

SCALE:- 1:100, 1:50, 1:25, N.T.S

REV-00

DATE:- 18.05.2024

SHEET NO:- STRUCTURE- 01/02

