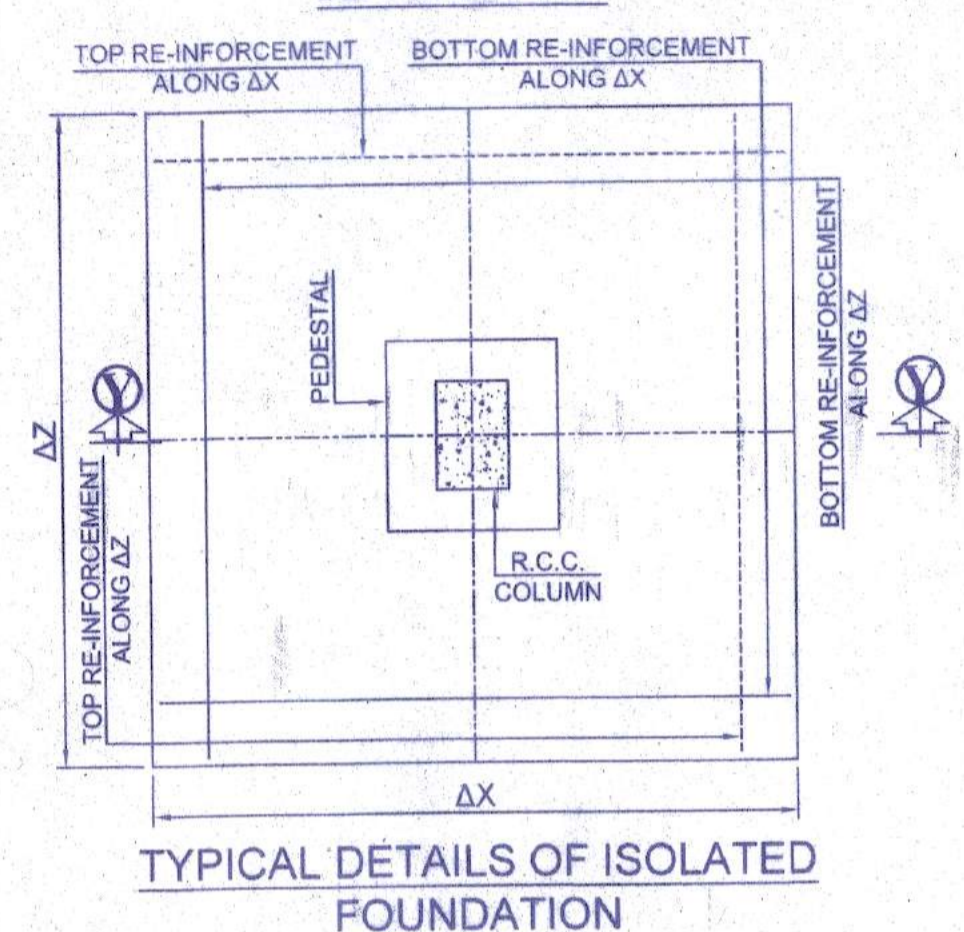
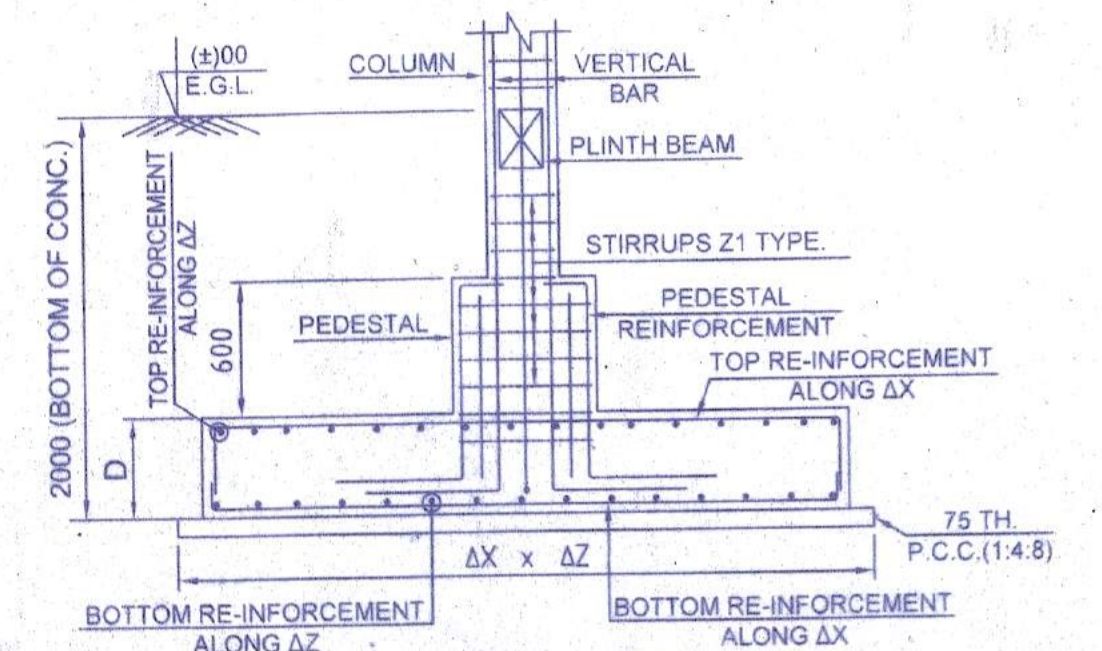
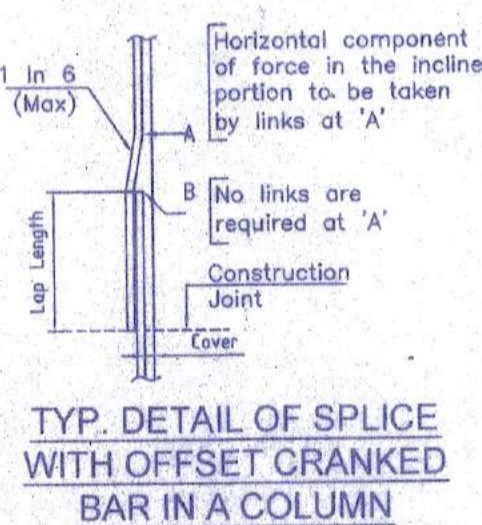
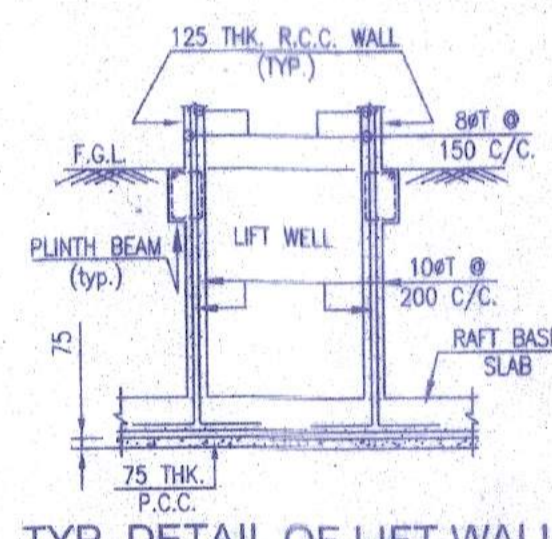
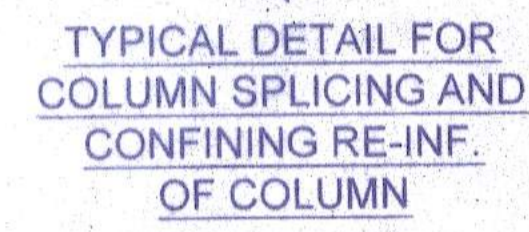
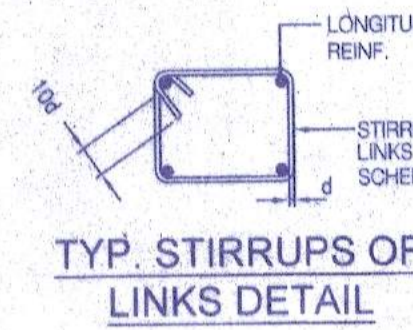
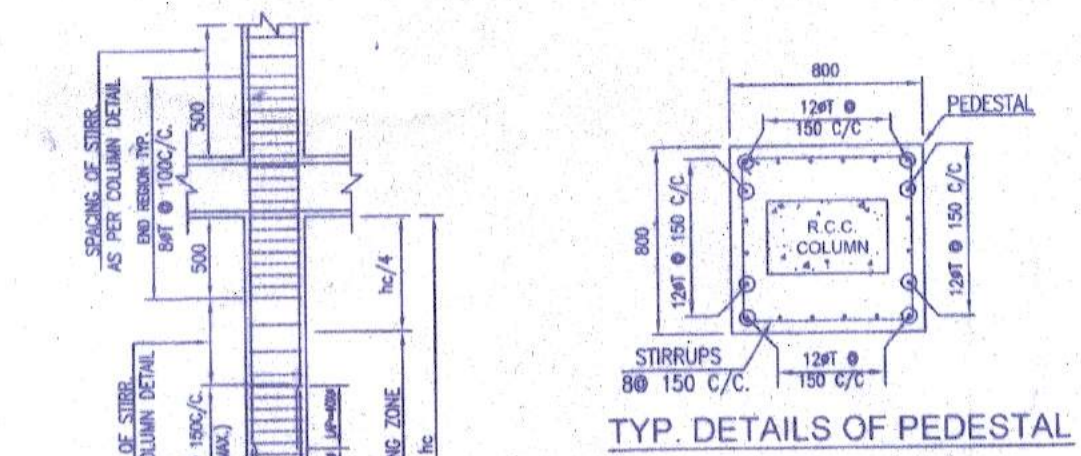
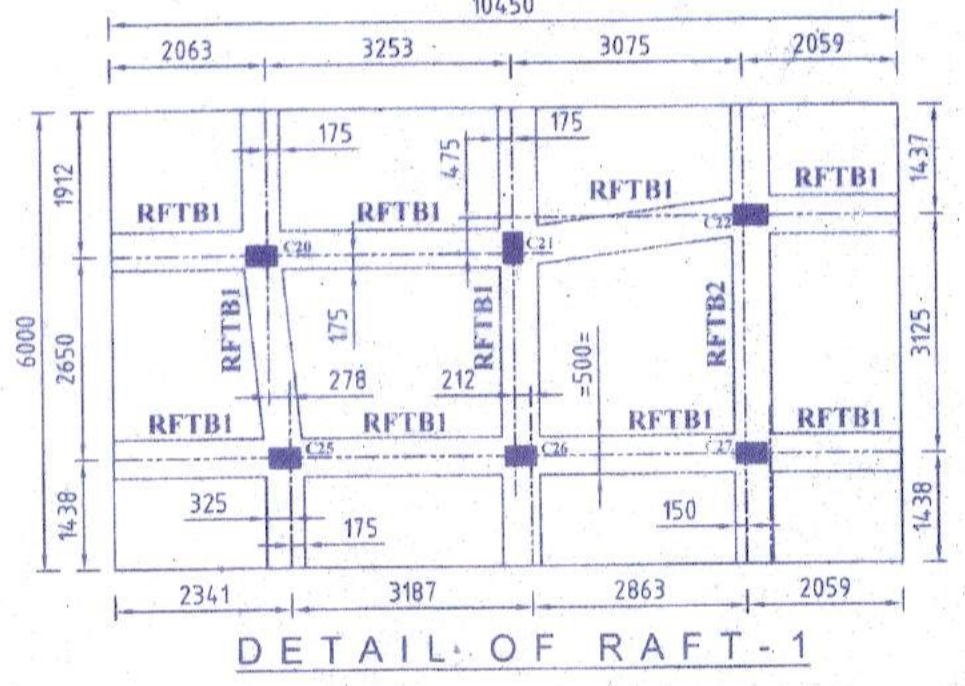
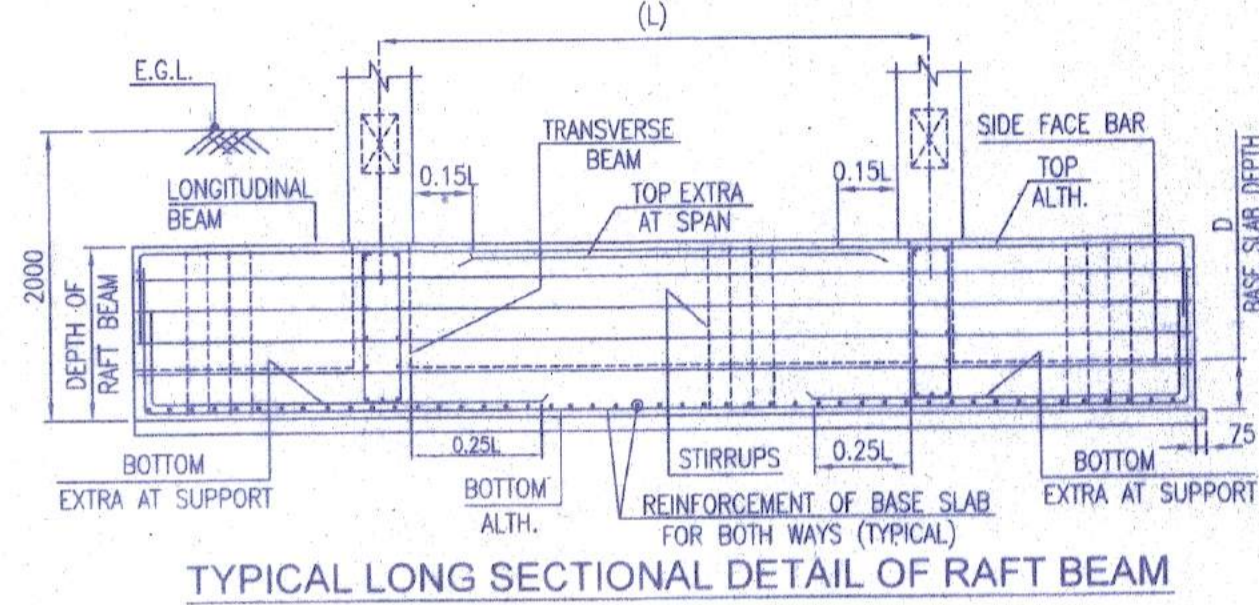


SCHEDULE OF FOUNDATION				
FOUNDATION TYPE	FOUNDATION SIZE Δ X x Δ Z	BASE DEPTH D	REINFORCEMENT	
			Δ X-Direction	Δ Z-Direction
F1	2200 X 2200	300	12#T @ 175 C/C AT BOTTOM	12#T @ 175 C/C AT BOTTOM
F2	2500 X 2500	350	12#T @ 175 C/C AT BOTTOM	12#T @ 175 C/C AT BOTTOM
F3	2600 X 2600	400	12#T @ 175 C/C AT BOTTOM	12#T @ 175 C/C AT BOTTOM
F4	2700 X 2700	450	12#T @ 150 C/C AT BOTTOM 8#T @ 150 C/C AT TOP	12#T @ 150 C/C AT BOTTOM 8#T @ 150 C/C AT TOP
F5	2800 X 2800	450	12#T @ 150 C/C AT BOTTOM 8#T @ 150 C/C AT TOP	12#T @ 150 C/C AT BOTTOM 8#T @ 150 C/C AT TOP
F6	3000 X 3000	450	12#T @ 150 C/C AT BOTTOM 8#T @ 150 C/C AT TOP	12#T @ 150 C/C AT BOTTOM 8#T @ 150 C/C AT TOP
F7	3200 X 3200	500	12#T @ 150 C/C AT BOTTOM 10#T @ 150 C/C AT TOP	12#T @ 150 C/C AT BOTTOM 10#T @ 150 C/C AT TOP
F8	3000 X 3500	550	12#T @ 150 C/C AT BOTTOM 10#T @ 150 C/C AT TOP	12#T @ 150 C/C AT BOTTOM 10#T @ 150 C/C AT TOP
F8	3000 X 3500	550	12#T @ 150 C/C AT BOTTOM 10#T @ 150 C/C AT TOP	12#T @ 150 C/C AT BOTTOM 10#T @ 150 C/C AT TOP
F9	1900 X 2600	400	12#T @ 175 C/C AT BOTTOM	12#T @ 175 C/C AT BOTTOM
F10	2300 X 2700	450	12#T @ 150 C/C AT BOTTOM 8#T @ 150 C/C AT TOP	12#T @ 150 C/C AT BOTTOM 8#T @ 150 C/C AT TOP
F11	3100 X 2400	500	12#T @ 150 C/C AT BOTTOM 10#T @ 150 C/C AT TOP	12#T @ 150 C/C AT BOTTOM 10#T @ 150 C/C AT TOP
F12	3300 X 3000	550	12#T @ 150 C/C AT BOTTOM 10#T @ 150 C/C AT TOP	12#T @ 150 C/C AT BOTTOM 10#T @ 150 C/C AT TOP
RAFT-1	10400 X 6000	300	12#T @ 150 C/C AT BOTTOM	12#T @ 150 C/C AT BOTTOM

SCHEDULE OF COLUMN				
COLUMN MARKED	COLUMN SIZE	Main Re-inforcement		
		Plinth, G.F.I. & 1st.	2nd., 3rd. And 4th. Floor	Above Roof
C1, C3, C4, C5, C6, C7, C8	250X400	4-18#T+4-18#T	4-16#T+4-12#T	4-12#T+4-12#T
C11, C12, C13, C16, C17, C18, C19, C20, C23, C25, C28, C32, C33, C34, C35, C36, C37 & C38	250X400	4-18#T+6-18#T	4-16#T+6-12#T	4-12#T+6-12#T
C26	250X400	4-16#T+4-16#T	4-16#T+4-12#T	4-12#T+4-12#T
C2, C24 & C30	250X400	4-18#T+6-18#T	4-16#T+6-12#T	4-12#T+6-12#T
C21	250X400	4-16#T+6-16#T	4-12#T+6-12#T	4-12#T+6-12#T
C10 & C15	250X400	4-18#T+8-18#T	4-12#T+8-12#T	4-12#T+8-12#T
C27	250X400	4-16#T+8-16#T	4-12#T+8-12#T	4-12#T+8-12#T
C32	250X400	4-20#T+8-20#T	4-12#T+8-12#T	4-12#T+8-12#T
C9, C14 & C29	250X450	4-18#T+6-18#T	4-16#T+6-12#T	4-12#T+6-12#T
C22	250X450	4-16#T+8-16#T	4-12#T+8-12#T	4-12#T+8-12#T
POST-P1	250X250	POST START FROM PLINTH BEAM UPTO ATTIC ROOF		4-16#T

SCHEDULE OF RAFT-BEAM						
BEAM MKD.	BEAM SIZE (W) X (D)	ALTHOUGH REINFORCEMENT		EXTRA REINFORCEMENT		STIRRUPS
		TOP	BOTTOM	EXTRA TOP AT SPAN	EXTRA BOTTOM AT SUPPORT	
RFTB1	500 X 850	5-16#T	5-20#T	-	8-20#T	4L-10#T @ 150C/C 12#T @ 150C/C SIDE FACE BAR
RFTB2	500 X 850	5-16#T	5-16#T	-	5-16#T	4L-10#T @ 150C/C 12#T @ 150C/C SIDE FACE BAR

SCHEDULE OF PLINTH BEAM					
BEAM MKD.	BEAM SIZE (W) X (D)	ALTHOUGH REINFORCEMENT		EXTRA REINFORCEMENT	
		TOP	BOTTOM	EXTRA TOP	EXTRA BOTTOM
PB1	250 X 400	2-16#T+1-12#T	2-16#T+1-12#T	-	-
PB2	250 X 400	3-16#T	3-16#T	-	-



- NOTES:-**
- All dimensions & levels are in mm. otherwise mentioned.
  - E.G.L. corresponds to existing ground level & F.G.L. corresponds to finished ground level.
  - All R.C.C. work shall Preferably be of M25 grade for Sub-structure & M20 for Super structure.
  - T.M.T. reinforcement bar (yield stress fy = 500 N/mm<sup>2</sup>) shall conform to IS:1786.
  - Clear cover for Fdn.=50mm, Column=40mm, Beam=25mm and Slab=20mm.
  - Stone chips shall be 20 mm. down well graded.
  - All reinforcement shall be of high yield strength deformed bars conforming to IS:1786.
  - Laps to be suitably staggered and in no case more than 50% bars be lapped at any section.
  - Bent length shall be as per SP34 & IS:2502.
  - Development length "Ld" & lap length shall be as per IS:456.
  - All construction work shall be executed in accordance with relevant IS codes.
  - 5-16#T means 5 nos bar of 16mm dia. T.M.T./HYSD bar.
  - Any discrepancy or error should be brought to the notice of designers immediately.
  - Floor Levels/Height shall be match with architectural drawing.

**Project Title:-**  
 PROPOSED G+IV STORED RESIDENTIAL BUILDING OF AT  
 L.R. DAG NO.- 2740, L.R. KHATIAN NO.- 5655 5656 & 6553, MOUZA - BALLY,  
 J.L. NO.- 09, HOLDING NO.-560/433/1054/560, MOHALLA - KAJIDANGA,  
 IN WARD NO.- 05, UNDER - HOOGHLY CHINSURAH MUNICIPALITY,  
 P.S.- CHINSURAH, DIST.- HOOGHLY.

**Signature Of Owner :-**

1) Nimal Banerji  
 2) Bipan Kumar Saha  
 3) Bijoy Kumar Saha

**Certificate of Structural Engineer**

Certified that the structural drawing and design of both the foundation and superstructure of the building has been made considering the Soil Test Report, as per the rules and regulations made under the Act and also considering all possible loads seismic load and moments generated by the proposed structure as per the Bureau of Indian Standard and National Building Code of India and certified that it is safe and stable in all respect and these provisions shall be adhered to during the construction.

**Signature of Structural Engineer**

Robin Roy  
 Civil Engineer B. Tech  
 South Nakdanga, Bandel, Hooghly  
 Mob.- 727838758  
 Reg. No.- 15125253

**LEGEND**

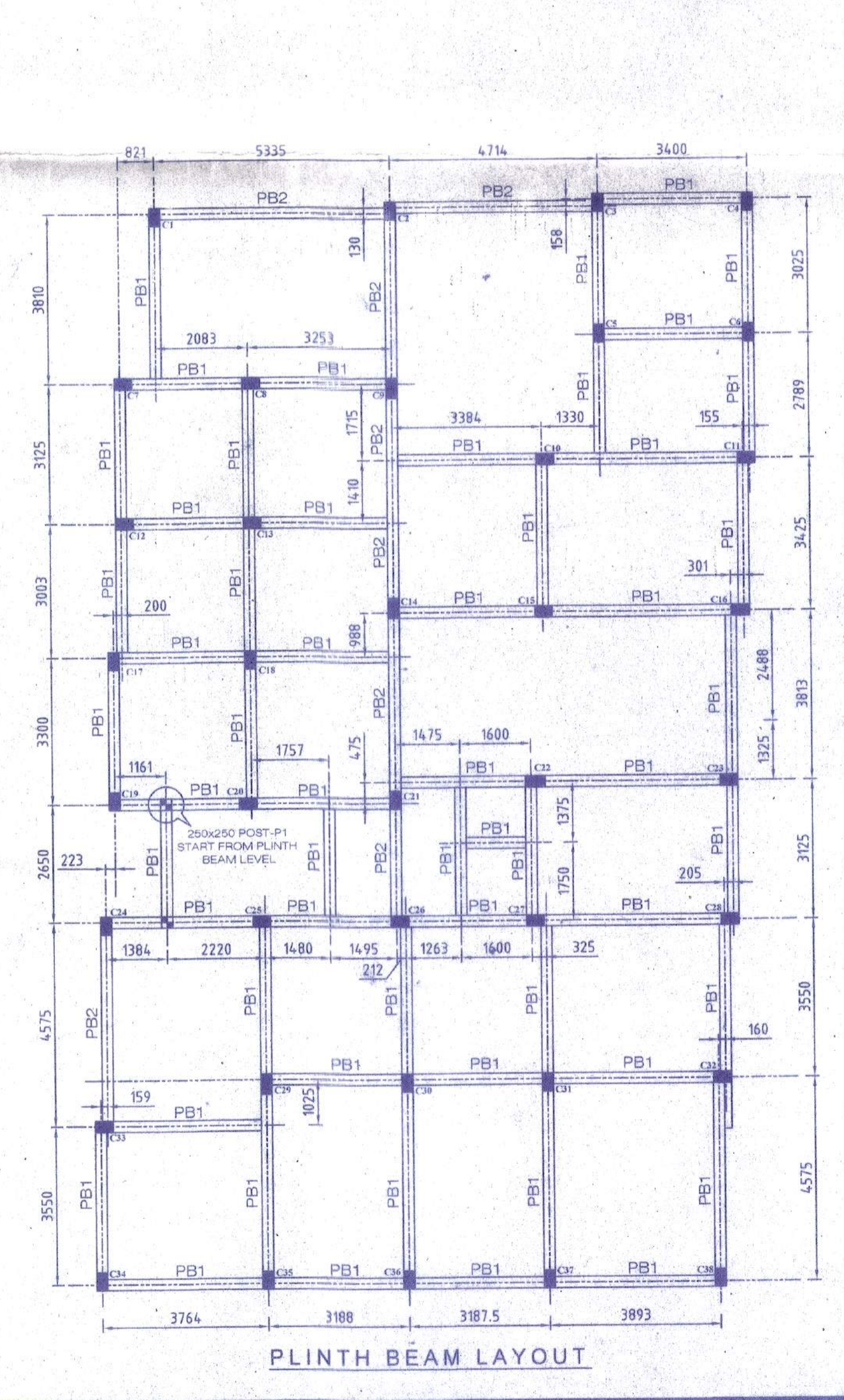
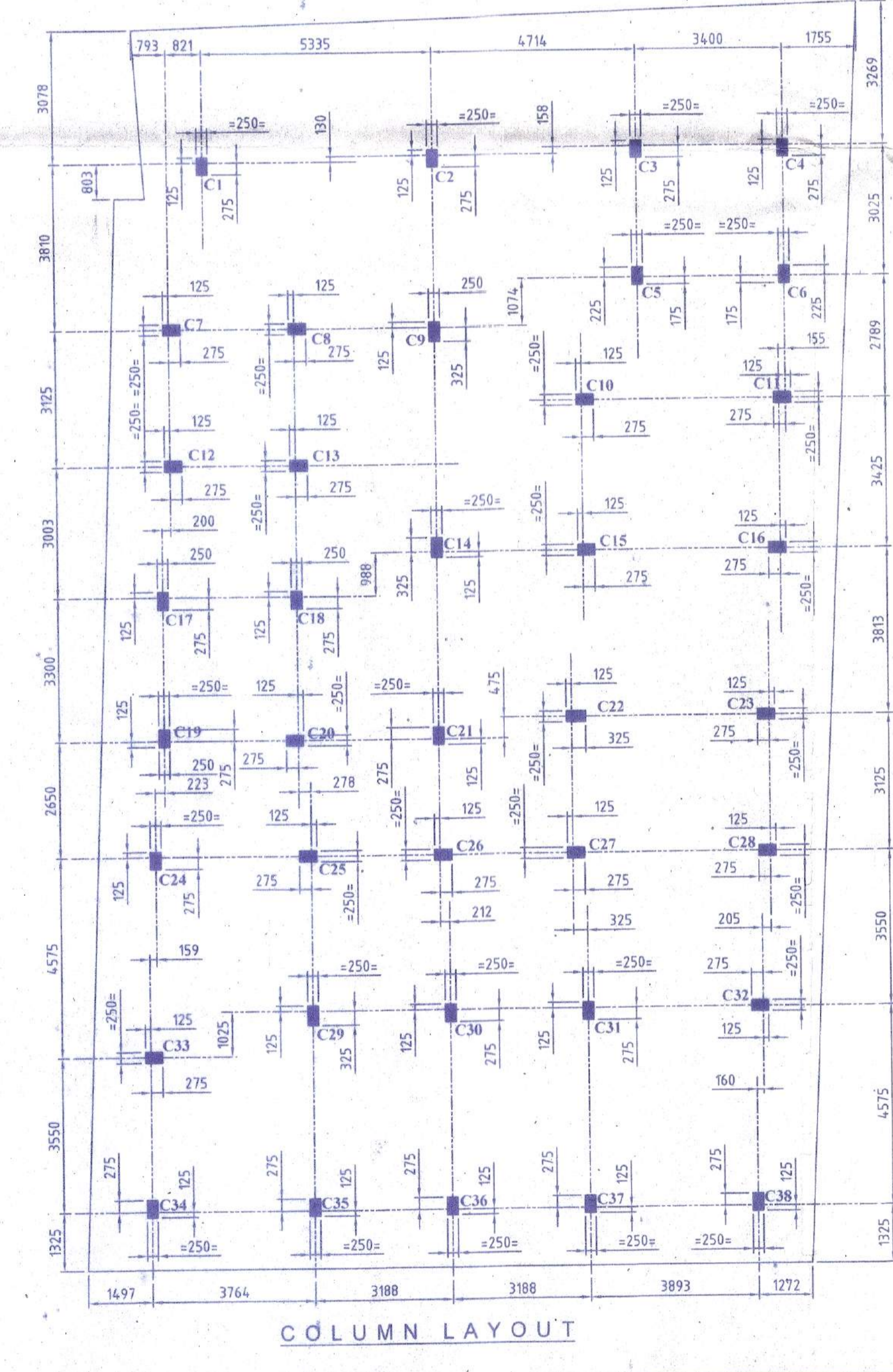
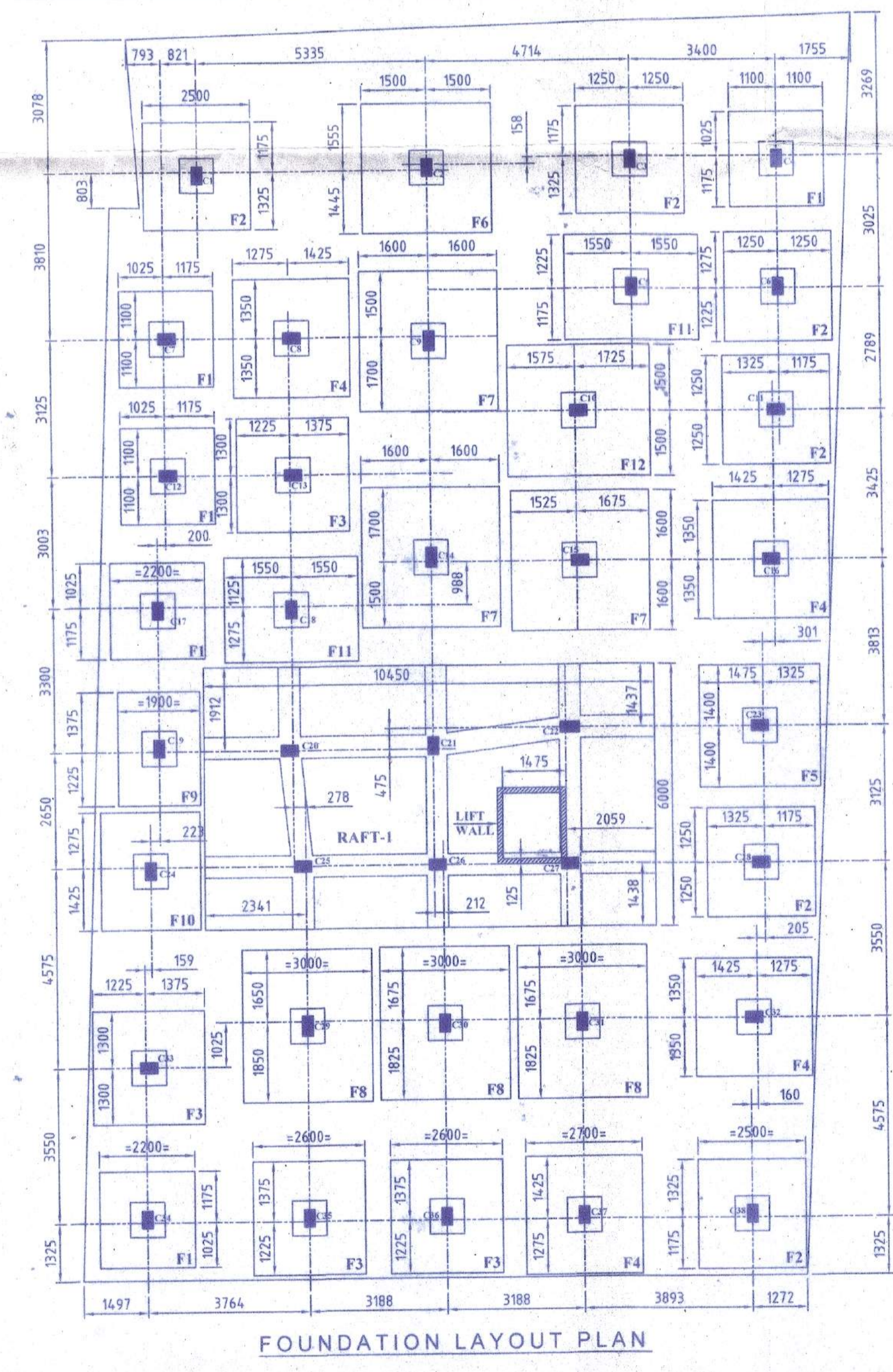
- SLAB OPENING
- POST STARTED FROM THIS LEVEL
- COLUMN / POST TERMINATED IN THIS LEVEL


**Revision No.- 00**

**Paper Size:- A1**

**SCALE USED:- 1:100, 50, 25, 20**

**Sheet No.- 1 of 2**



  
SAE  
Hooghly-Chinsurah Municipality

SANCTIONED  
  
Hooghly-Chinsurah Municipality