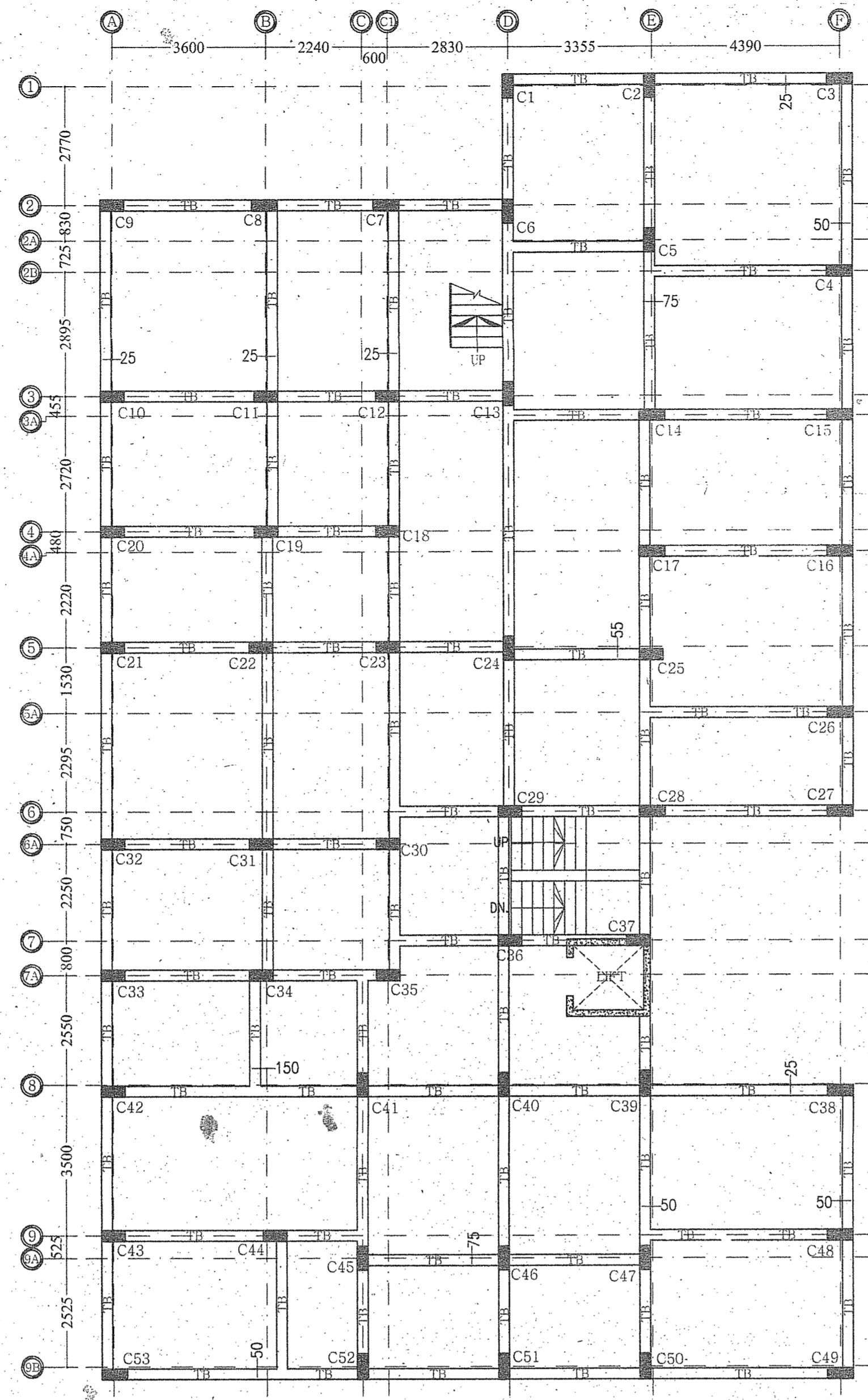
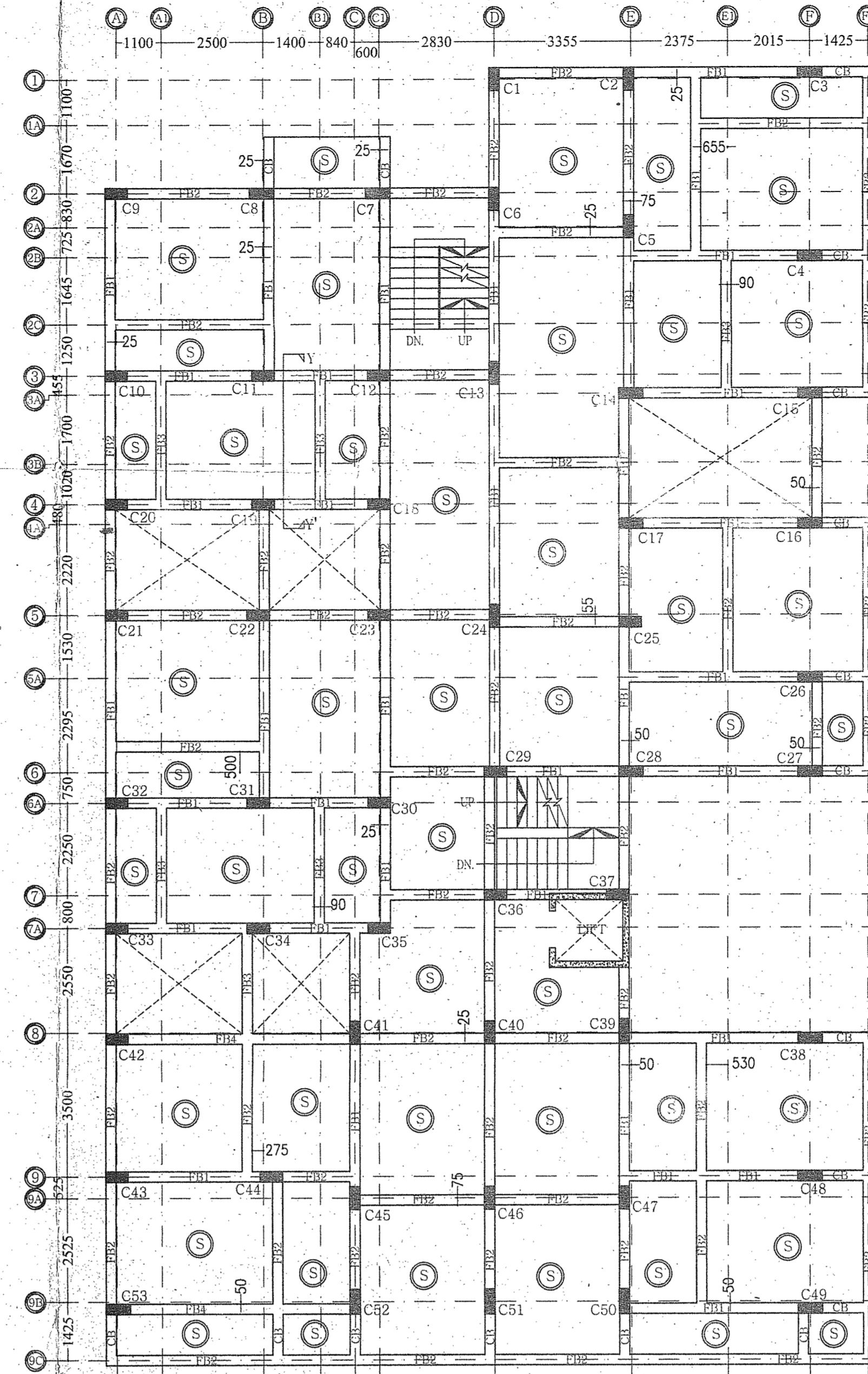


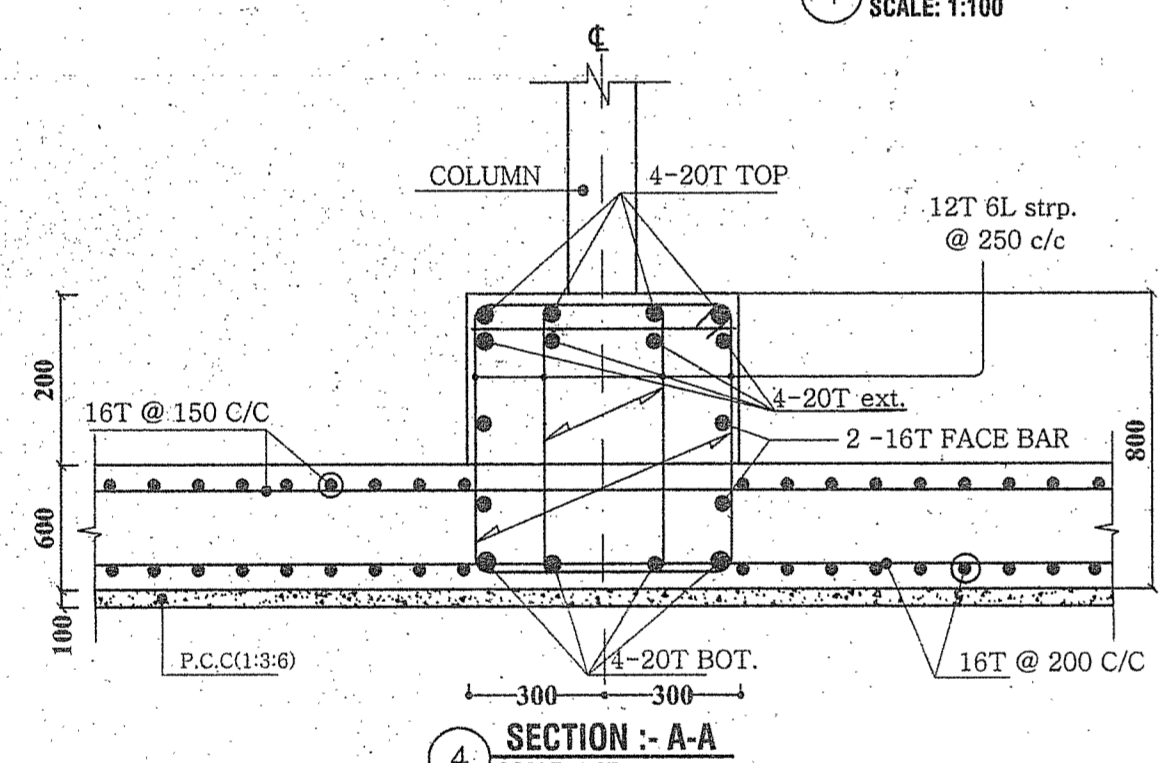
1 RAFT FOUNDATION LAYOUT PLAN  
SCALE: 1:100



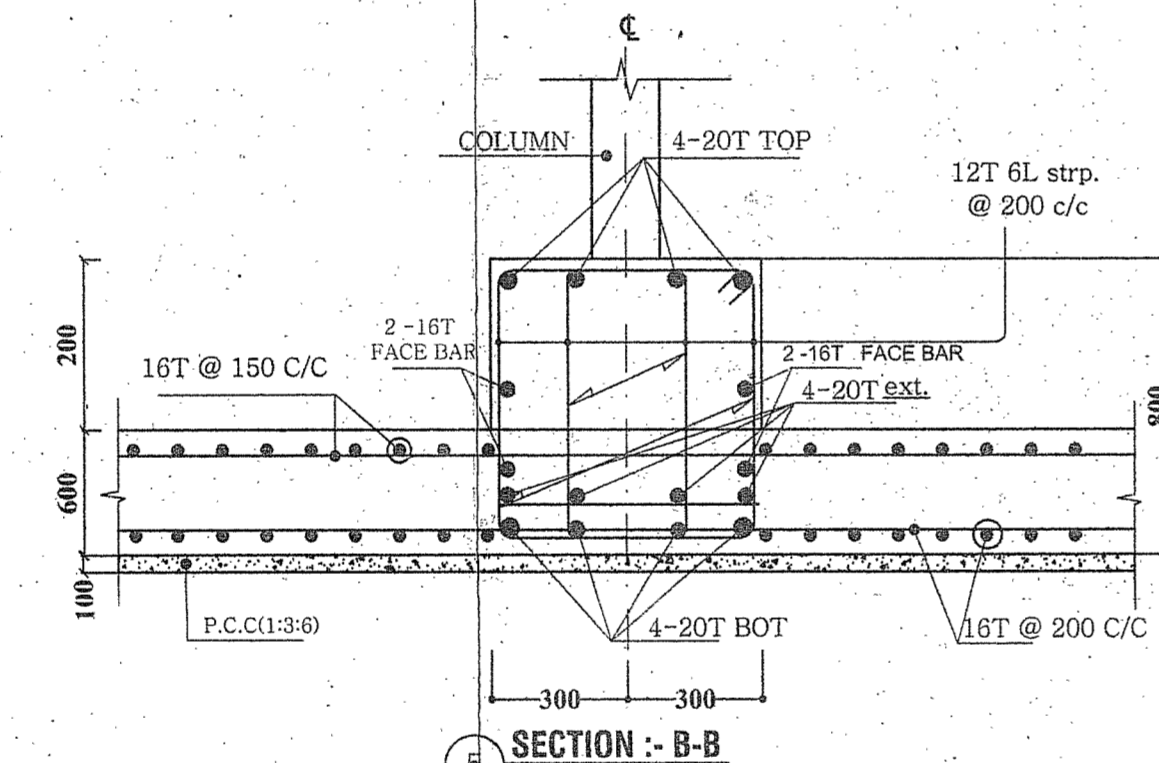
2 TIE BEAM LAYOUT PLAN  
SCALE: 1:100



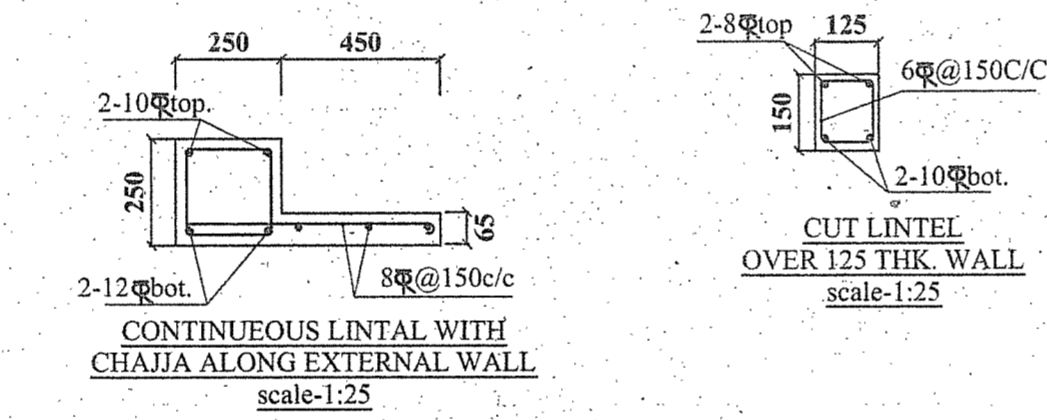
3 TYPICAL FLOOR BEAM LAYOUT PLAN  
SCALE: 1:100



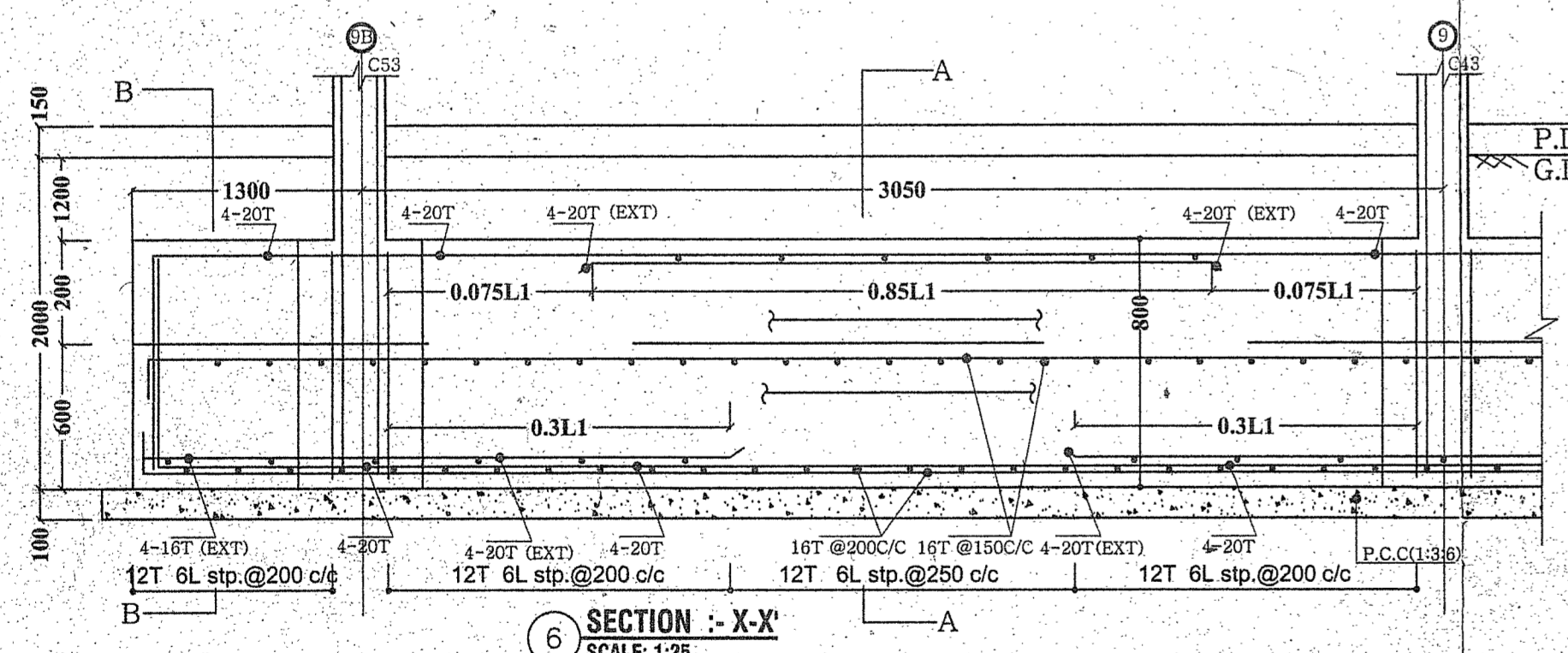
4 SECTION - C-A-A  
SCALE: 1:25



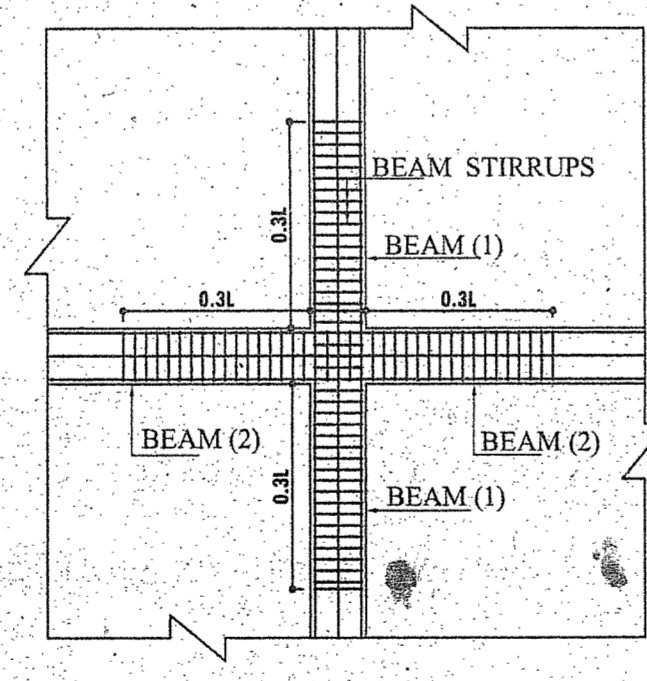
5 SECTION - C-B-B  
SCALE: 1:25



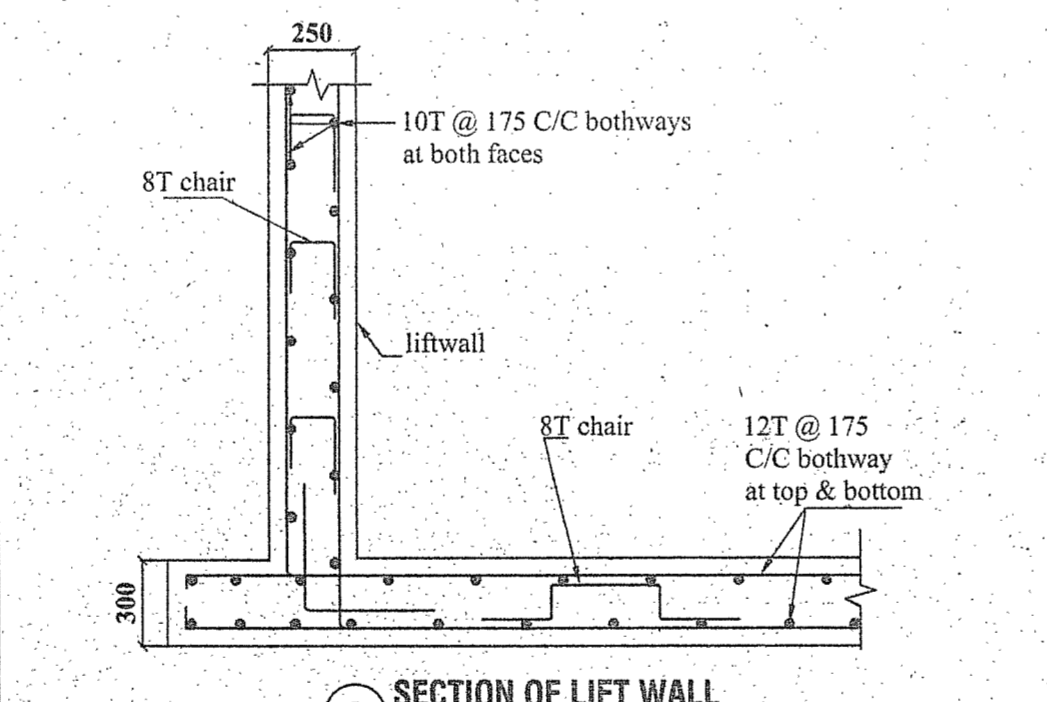
6 CONTINUOUS LINTEL WITH CHAJJA ALONG EXTERNAL WALL  
SCALE: 1:25



7 SECTION - X-X'  
SCALE: 1:25



8 DETAILS OF CROSS BEAM JUNCTION (SECTION)  
SCALE: 1:50



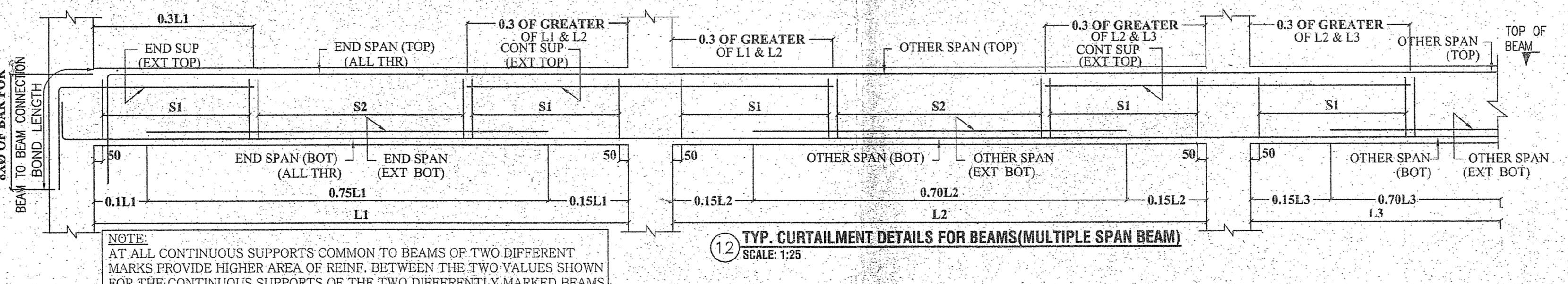
9 SECTION - Y-Y'  
SCALE: 1:25

TABLE NO.-02 (SCHEDULE OF BEAMS)

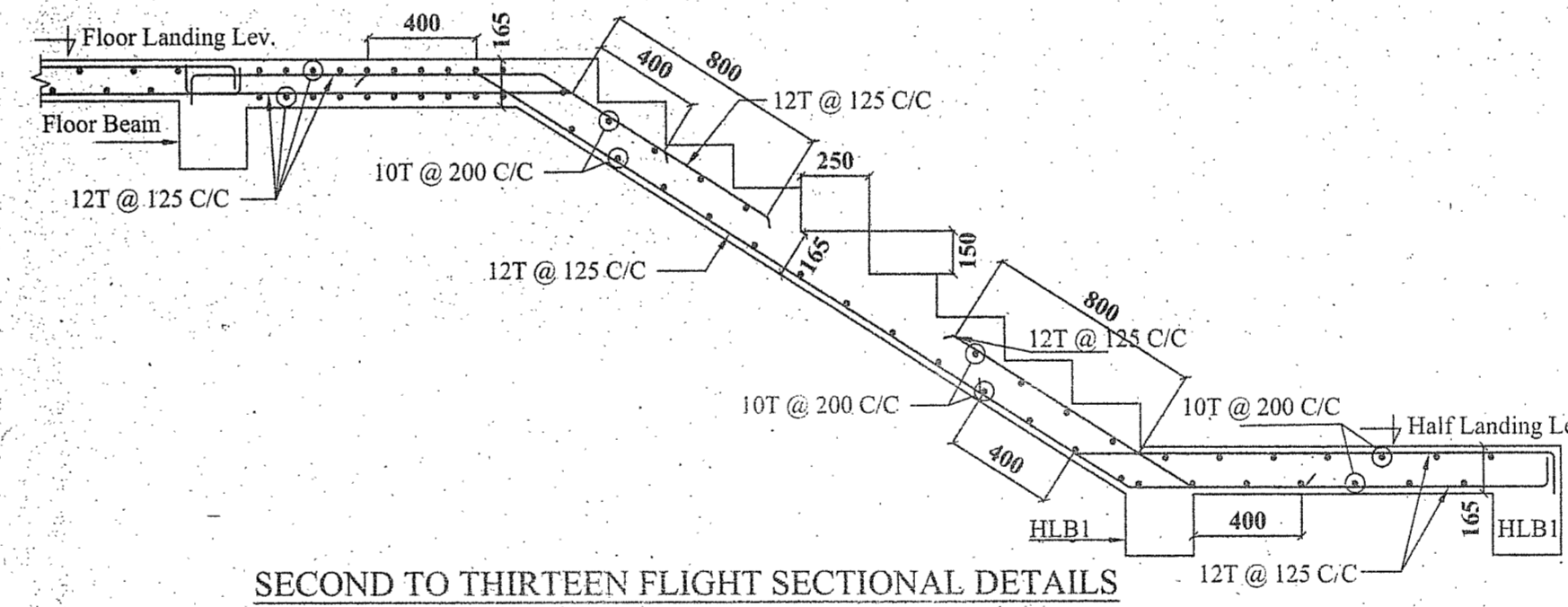
Beam Mkd	Size	All Through	Ext. at End Supp. Top	Ext. at End Supp. Bott	Ext. at Cont. Supp. Top	Ext. at Cont. Supp. Bott	S T I R R U P S	Span
FB1	250 450	2-20T	2-20T	1-20T	1-20T	1-20T	2L-8T@125C/C	2L-8T@175C/C
FB2	250 400	2-20T	2-20T	1-16T	1-16T	1-16T	2L-8T@150C/C	2L-8T@200C/C
FB3	250 350	2-16T	2-16T	1-16T	1-16T	1-16T	2L-8T@150C/C	2L-8T@200C/C
FB4	250 500	2-20T	2-20T	2-20T	2-20T	2-20T	2L-8T@125C/C	2L-8T@175C/C
CB	250 450	3-20T	2-20T				2L-8T@125C/C	2L-8T@125C/C
TB	250 400	2-16T	2-16T	1-16T	1-16T	1-16T	2L-8T@125C/C	2L-8T@125C/C
HLB1	250 400	2-16T	2-16T	1-16T	1-16T	1-16T	2L-8T@125C/C	2L-8T@125C/C
HLB2	250 400	2-16T	2-16T	1-16T	1-16T	1-16T	2L-8T@125C/C	2L-8T@125C/C

TABLE NO.-03 (SCHEDULE OF RAFT BEAMS)

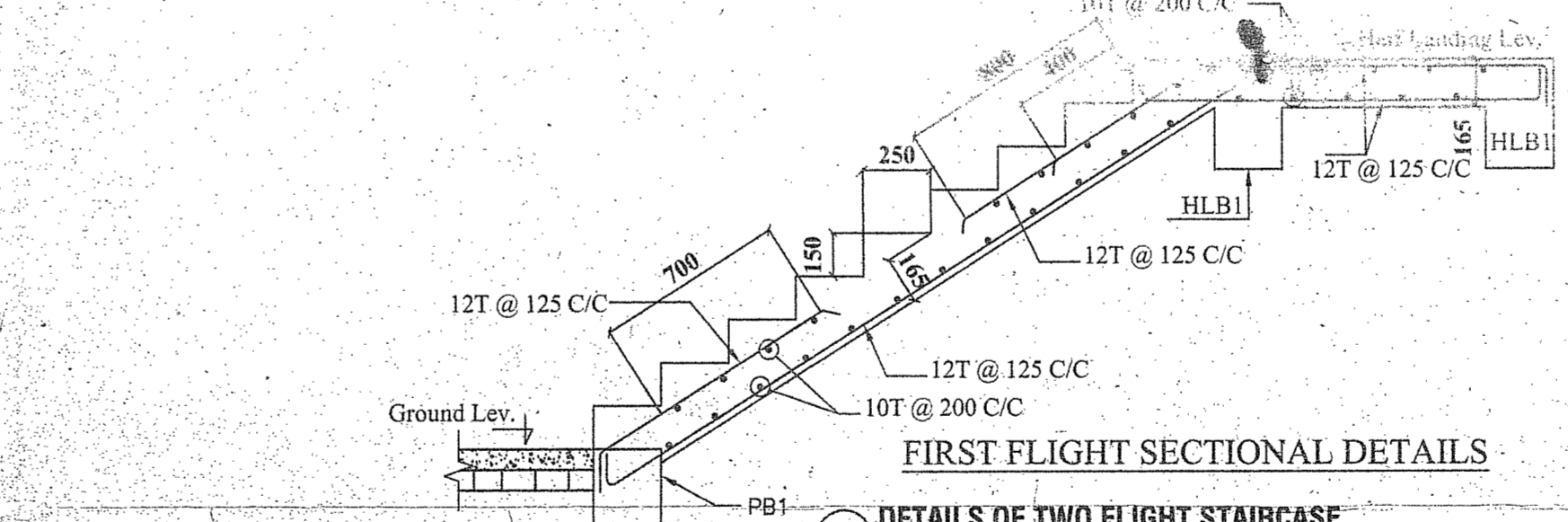
Beam Mkd	Size	All Through	Ext. at End Supp. Bott	Ext. at Cont. Supp. Bott	S T I R R U P S	Span
RB	600 800	4-20T	4-20T	4-20T	6L-12T@200c/c	6L-12T@250c/c



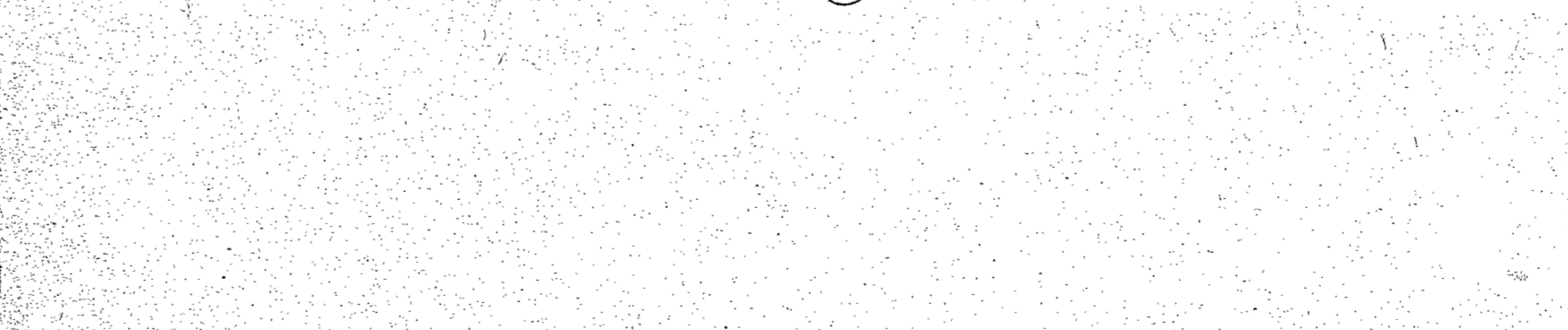
12 TYP. CURTAILMENT DETAILS FOR BEAMS (MULTIPLE SPAN BEAM)  
SCALE: 1:25



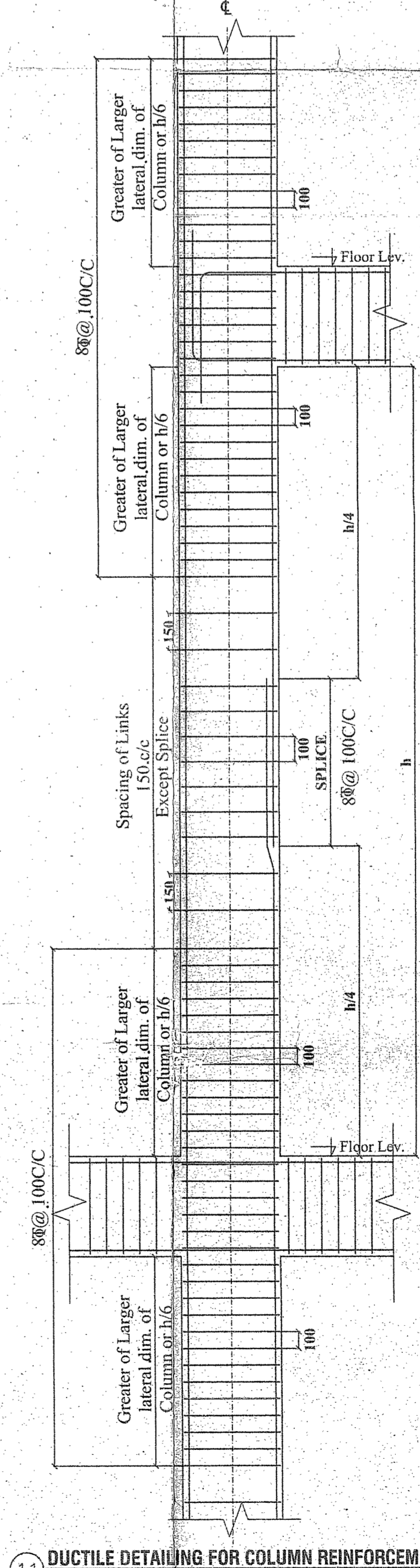
10 SECOND TO THIRTEEN FLIGHT SECTIONAL DETAILS  
SCALE: 1:25



11 FIRST FLIGHT SECTIONAL DETAILS  
SCALE: 1:25



12 DETAILS OF TWO FLIGHT STAIRCASE  
SCALE: 1:25



13 DUCTILE DETAILING FOR COLUMN REINFORCEMENT  
SCALE: 1:25

TABLE NO.-01 (SCHEDULE OF COLUMN)

COLUMN TYPE	COLUMN NO.	GROUND + 1ST FLOOR (250X600)	2ND & 3RD FLOOR (250X600)	4TH & 5TH FLOOR (250X600)	6TH FLOOR (250X600)
COLUMN TYPE:- 1	C3,C4,C7, C8,C14,C15, C16,C17,C26, C27,C28,C38, C39,C48,C49, C50,C51,C52, C53.	20T @ 200 C/C	18T @ 200 C/C	16T @ 200 C/C	14T @ 200 C/C
		10-20T	8-20T	2-16T	4-20T
COLUMN TYPE:- 2	ALL COLUMN EXCEPT C3,C4,C7, C8,C14,C15, C16,C17,C26, C27,C28,C38, C39,C48,C49, C50,C51,C52, C53.	20T @ 200 C/C	18T @ 200 C/C	16T @ 200 C/C	14T @ 200 C/C
		10-20T	8-20T	2-16T	4-20T

PROJECT NAME:-

PROPOSED STRUCTURAL PLAN OF G+5+1 STORIED APARTMENT BUILDING OF SRI TAPAN MONDAL, SRI HARI NARAYAN MONDAL, SRI BIJOY MONDAL & SRI BISWAJIT MONDAL ALL S/O SRI BIJOY MONDAL, L.R. PLOT NO.- 2019, R.S. PLOT NO.- 1656, MOUZA-BIRBHANPUR, J.L. NO.-91, P.S.-DURGAPUR, L.R. PLOT NO. 2020, R.S. PLOT NO. - 1653, 1654, 1657, MOUZA - NADIA, J.L. NO.- 92, P.S. - DURGAPUR, DIST.-BURDWAN  
\* HOLDING NO.- 105/N  
\* I D NO.- 0070799  
\* CIRCLE/WARD NO.- 43  
\* ADDRESS- SHYAMPUR VILLAGE, DGP-01

- NOTES :-
- All dimensions are in mm otherwise stated.
  - safe bearing capacity of soil TAKEN FROM SOIL REPORT
  - Depth of Foundation- 2.0 M
  - Grade of concrete M25
  - Grade of steel Fe 500.
  - The top layer of reinforcement shall be placed over bot layer of reinforcement with chair of 10T bar @ 900 c/c
  - At a time of construction ductile detailing must be followed as per IS:13920.
  - 8T Binder @ 100 C/C binder for top & bot bar as required
  - Nominal cover a)Beam-25mm,b)Column-40mm,c)Slab-15 mm,d)Footing-75 mm to be maintain.
  - The minimum clear distance between reinforcing bars shall be in accordance with IS:456 - 2000.

SIGNATURE OF OWNER  
*Shyam Mondal*  
*Hari Narayan Mondal*  
*Bijoy Mondal*  
*Biswajit Mondal*

SIGNATURE OF ENGINEER:-  
*Vijaya Singh*  
6000-5 MC/BPD/60

SIGNATURE OF L.B.S./ENGINEER/ARCHITECT  
*Vijaya Singh*  
6000-5 MC/BPD/60

PROJECT TITLE  
FOUNDATION PLAN, TIE BEAM, FLOOR BEAM, SLAB DETAIL, BEAM DETAIL, STAIR DETAIL & COLUMN DETAILS

SCALE:-1:100 OR AS SHOWN  
DATE - 21.04.2017  
SHEET NO.-MN/APT(DMC)-08/2017-04/SH/S-1  
BLOCK-2

