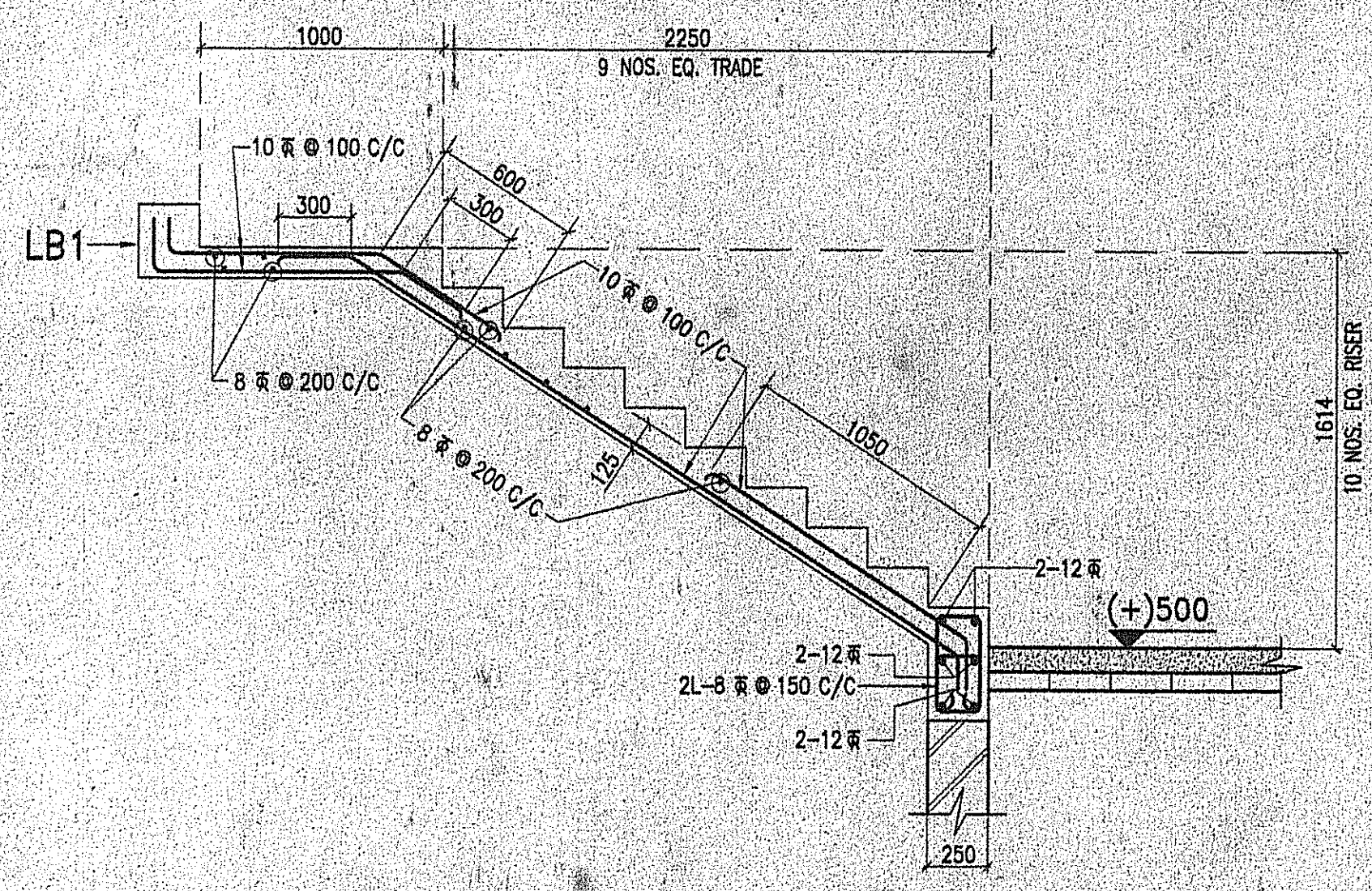


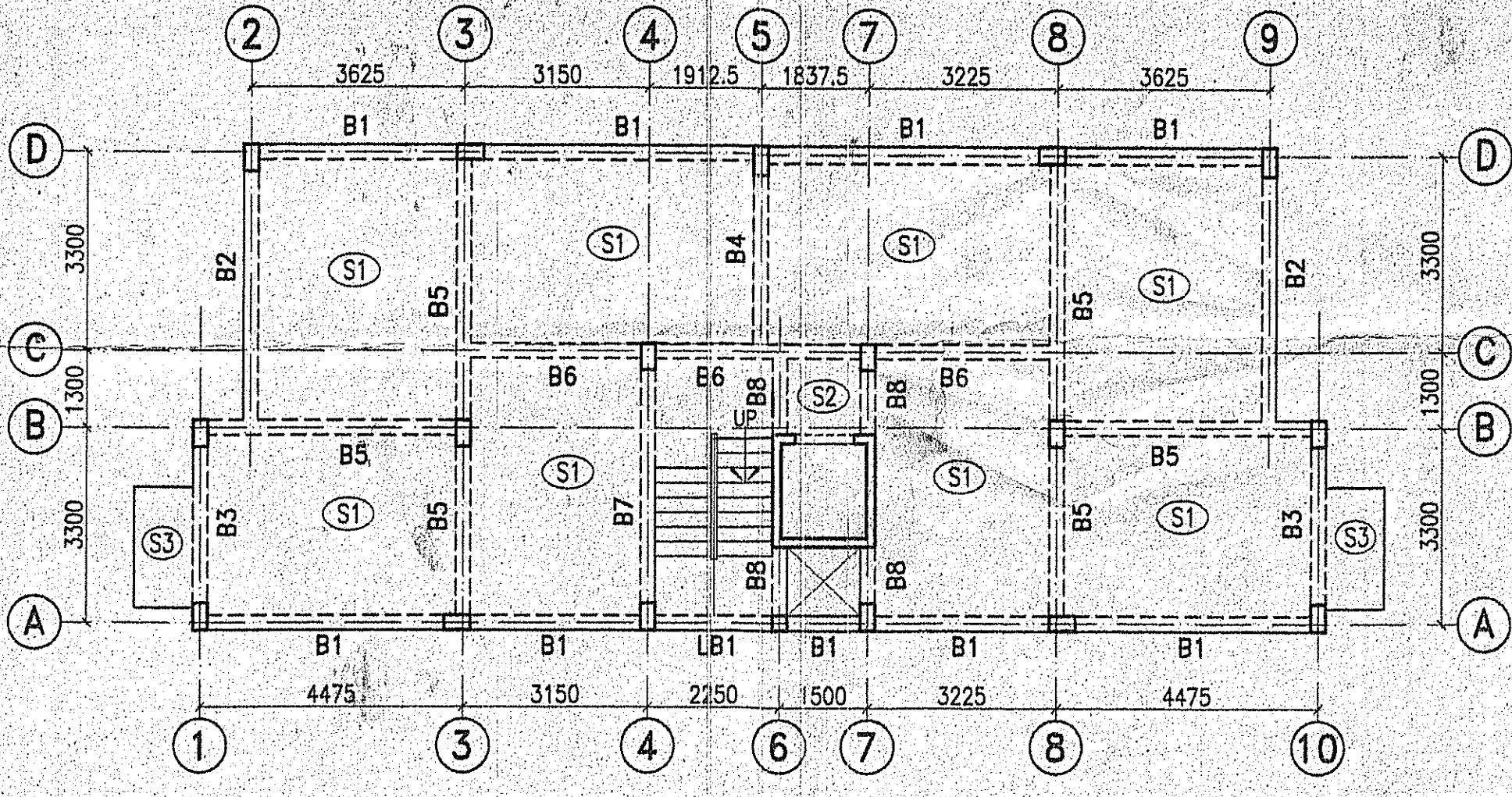
SECTION Y-Y  
(\* AS PER SITE CONDITION)



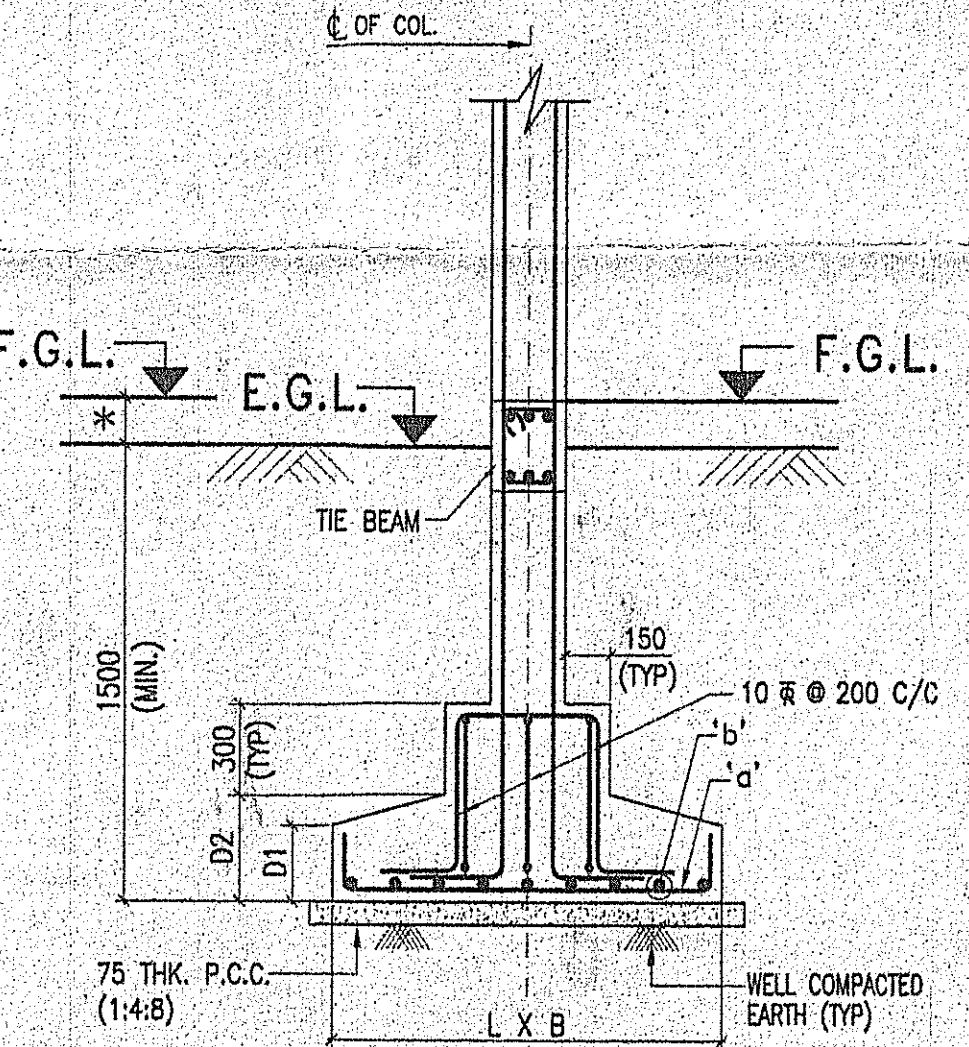
TYPICAL R.C. DETAIL OF STAIR FLIGHT  
(WAIST SLAB THICKNESS = 125 MM)

**SCHEDULE OF TIE BEAMS**

BEAM MKD.	SIZE		REINFORCEMENT				'X' DIST.	STIRRUPS	FACE BAR
	WIDTH	DEPTH	END SUPPORT		SPAN				
			TOP	BOT.	TOP	BOT.	TOP	BOT.	
TB1	250	400	3-16 #	3-12 #	3-16 #	3-12 # + 2-12 #	3-16 #	3-12 #	2L-8 # 125 C/C (S1) 2L-8 # 125 C/C (S2)
TB2	250	400	3-16 #	3-16 #	3-16 #	3-16 #	3-16 #	3-16 #	2L-8 # 150 C/C (S1) 2L-8 # 150 C/C (S2)
TB3	250	400	4-12 #	2-12 #	2-12 #	3-12 #	4-12 #	2-12 #	2L-8 # 150 C/C (S1) 2L-8 # 150 C/C (S2)



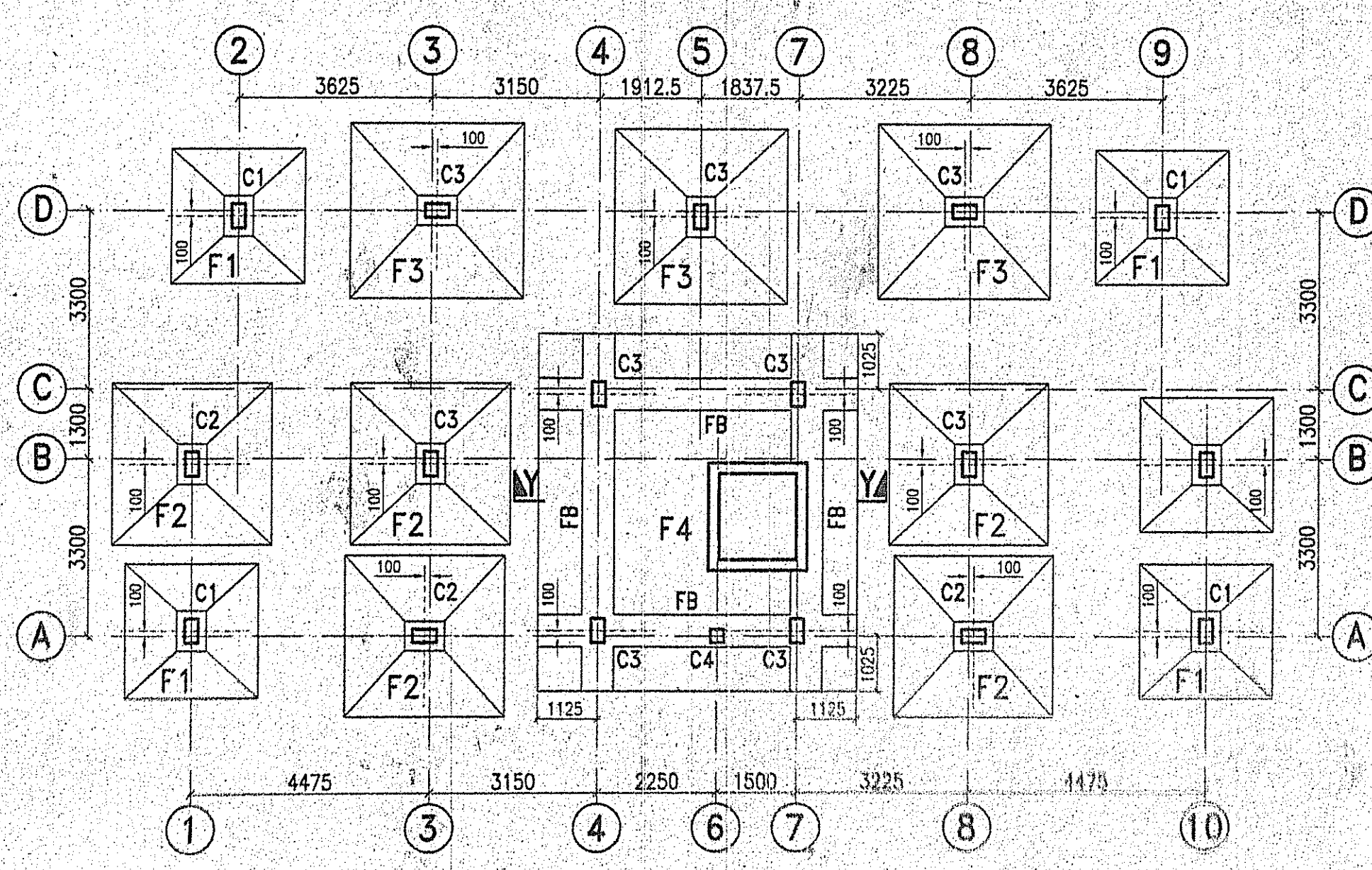
FIRST FLOOR PLAN



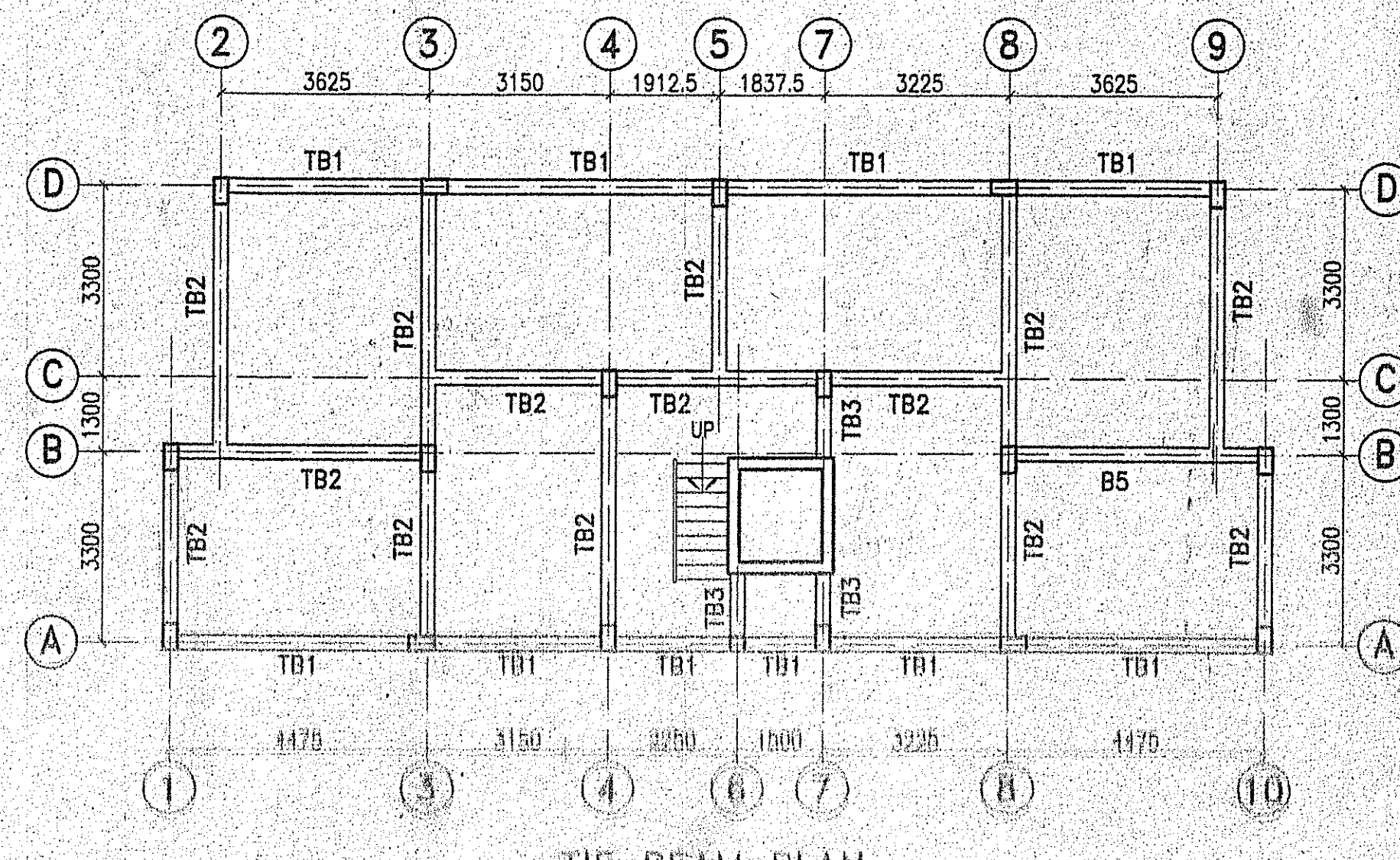
TYP. CROSS SECTION OF ISOLATED FOOTING  
(\* AS PER SITE CONDITION)

**SCHEDULE OF FOUNDATIONS**

FDN. MKD.	SIZE		THICKNESS	REINFORCEMENT (BOTTOM)		REMARKS	DET. OF FDN. BEAM					
	L	B		(a) (SHORT DIRECTION)	(b) (LONG DIRECTION)		SIZE	REINFORCEMENT				
							W	D	TOP	BOT.	STIRRUPS	
F1	2500	2500	200	300	12 # 125 C/C	12 # 125 C/C	ISOLATED FOOTING	-	-	-	-	-
F2	3000	3000	250	425	12 # 150 C/C	12 # 150 C/C	-DO-	-	-	-	-	-
F3	3250	3250	250	425	16 # 150 C/C	16 # 150 C/C	-DO-	-	-	-	-	-
F4	5725	4500	250	400	10 # 100 C/C	10 # 125 C/C	COMBINED FOOTING	600	650	4-20 #	5-20 #	4L-12 # 200 C/C



FOUNDATION PLAN



TIE BEAM PLAN

**SCHEDULE OF COLUMN**

COL. MKD.	FOUNDATION TO 1ST. FL. LEV.	1ST. FL. LEV. TO 3RD. FL. LEV.	3RD. TO ROOF AND ABOVE
C1	450 4-16 # + 4-12 # LINKS 8 # 150 C/C (2-AT EACH LEVEL)	450 8-12 # LINKS 8 # 150 C/C (2-AT EACH LEVEL)	450 8-12 # LINKS 8 # 150 C/C (2-AT EACH LEVEL)
C2	450 8-20 # LINKS 8 # 150 C/C (2-AT EACH LEVEL)	450 8-16 # LINKS 8 # 150 C/C (2-AT EACH LEVEL)	450 4-16 # + 4-12 # LINKS 8 # 150 C/C (2-AT EACH LEVEL)
C3	450 8-20 # LINKS 8 # 150 C/C (2-AT EACH LEVEL)	450 4-20 # + 4-16 # LINKS 8 # 150 C/C (2-AT EACH LEVEL)	450 8-16 # LINKS 8 # 150 C/C (2-AT EACH LEVEL)
C4	250 4-16 # LINKS 8 # 150 C/C	250 4-16 # LINKS 8 # 150 C/C	250 4-16 # LINKS 8 # 150 C/C

- GENERAL NOTES :-**
- THIS DRG. SHALL BE READ IN CONJUNCTION WITH ARCHITECTURAL DRGS. AND OTHER RELATED DRAWINGS OF THIS BUILDING.
  - ALL DIMENSIONS ARE IN 'M.M.', UNLESS STATED OTHERWISE.
  - ALL STRUCTURAL CONCRETE SHALL BE M-20 GRADE, UNLESS OTHERWISE STATED.
  - ALL LEAN CONCRETE WORK SHALL BE OF 1:4:8 NOMINAL MIX CONCRETE AND SHALL BE 75 M.M. THICK, UNLESS OTHERWISE STATED.
  - ALL REINFORCEMENT BARS SHOWN THUS ARE COLD TWISTED DEFORMED BARS (YIELD STRESS  $f_y=415$  N/mm<sup>2</sup>) AND THOSE SHOWN THUS ARE MILD STEEL (YIELD STRESS  $f_y=250$  N/mm<sup>2</sup>) CONFORMING TO IS:1786 & IS:432 (LATEST) RESPECTIVELY.
  - UNLESS OTHERWISE SPECIFIED ON DRAWING THE MINIMUM CLEAR CONCRETE COVER FOR PROTECTION OF REINFORCEMENT SHALL BE AS FOLLOWS:
- |                             | TOP | BOTT. | SIDES |
|-----------------------------|-----|-------|-------|
| a. FOUNDATION BEAMS & SLABS | 40  | 40    | 40    |
| b. COLUMNS                  | -   | -     | 40    |
| c. BEAMS (SUPERSTRUCTURE)   | 30  | 30    | 30    |
| d. SLABS (SUPERSTRUCTURE)   | 20  | 20    | 25    |
- UNLESS SPECIFIED OTHERWISE ALL HOOKS, BENDS, LAPS, SPLICES ETC. SHALL BE AS PER LATEST IS:456 AND OTHER RELEVANT INDIAN STANDARD.
  - NOT MORE THAN HALF THE BARS SHALL BE LAPPED AT A SECTION.
  - FOUNDATIONS HAVE BEEN DESIGNED CONSIDERING NET SAFE BEARING CAPACITY OF SOIL AT A DEPTH OF 1.5 M BELOW G.L. AT 6.0 T/M<sup>2</sup> AS PER SOIL INVESTIGATION REPORT.

**CERTIFICATE OF ARCHITECT :-**

CERTIFIED THAT THE PLAN HAS BEEN DRAWN UP AS PER PROVISION OF LOCAL PANCHAYET BUILDING RULES & REGULATIONS AND THAT THE SITE CONDITION INCLUDING THE WIDTH OF THE ABUTTING ROAD CONFIRM WITH THE PLAN AND THAT IT IS A BUILDABLE SITE AND NOT A FILLED UP TANK.

*Kalyan Kumar Basu*  
KALYAN KUMAR BASU  
Registered Architect of Council of Architecture  
CA/84/8267

SIGN. OF ARCHITECT/L.B.S

**CERTIFICATE OF STRUCTURAL ENGINEER :-**

CERTIFIED THAT THE DESIGN AND DRAWINGS OF BOTH FOUNDATION AND SUPER STRUCTURE OF THE BUILDING HAS BEEN MADE BY ME CONSIDERING ALL POSSIBLE LOADS INCLUDING THE SEISMIC LOAD AS PER THE LATEST NATIONAL BUILDING CODE OF INDIA AND CERTIFIED THAT IT IS SAFE AND STABLE IN ALL RESPECT.

*Arindam Mukherjee*  
ARINDAM MUKHERJEE  
ESE-II/88  
Kolkata Municipal Corporation  
SIGN. OF ENGINEER

Revalidated upto 31-12-2023

*Pradham*  
Pradham  
Silhar Gram Panchayat

*Pradham*  
Pradham  
Silhar Gram Panchayat

*Pradham*  
Pradham  
Silhar Gram Panchayat

For The Peerless General Finance & Investment Co. Ltd.  
P. P. Ray  
Vice-President (Compliance & Legal)

SIGN. OF OWNER

PROJECT  
PROPOSED G+IV STORIED HOUSING COMPLEX AT DAG NO.- 536, 641 & 642, OF MOUZA - HALDI, J.L. NO. 165, P.S. - KOTOLPUR, JAIRAMBATI, DIST. - BANKURA.

TITLE :-  
FOUNDATION PLAN, TIE BEAM PLAN, FIRST FLOOR PLAN, SCHEDULE OF FOUNDATION, COLUMN, TIE BEAM, DETAIL OF FOUNDATION, STAIR. (FOR BLDG.NO. 1,10)

TYPE OF DRAWING :- PANCHAYET DRAWING

CLIENT :-  
PEERLESS GENERAL FINANCE & INVESTMENT CO. LTD.

DRAWN BY : S. GHOSH. CHECKED : SCALE : 1:100, 1:25, 1:20

APPRVD. : JOB NO. : K1109 DATE : 08.12.2012

MUKHERJEE & ALLIANCES ENGINEERS PVT. LTD.  
JABAKUSUM HOUSE, 34, CHITTARANJAN AVENUE  
KOLKATA - 700 012

DRAWING NO. : K1109/002/PN-ST-01 REV. : 0