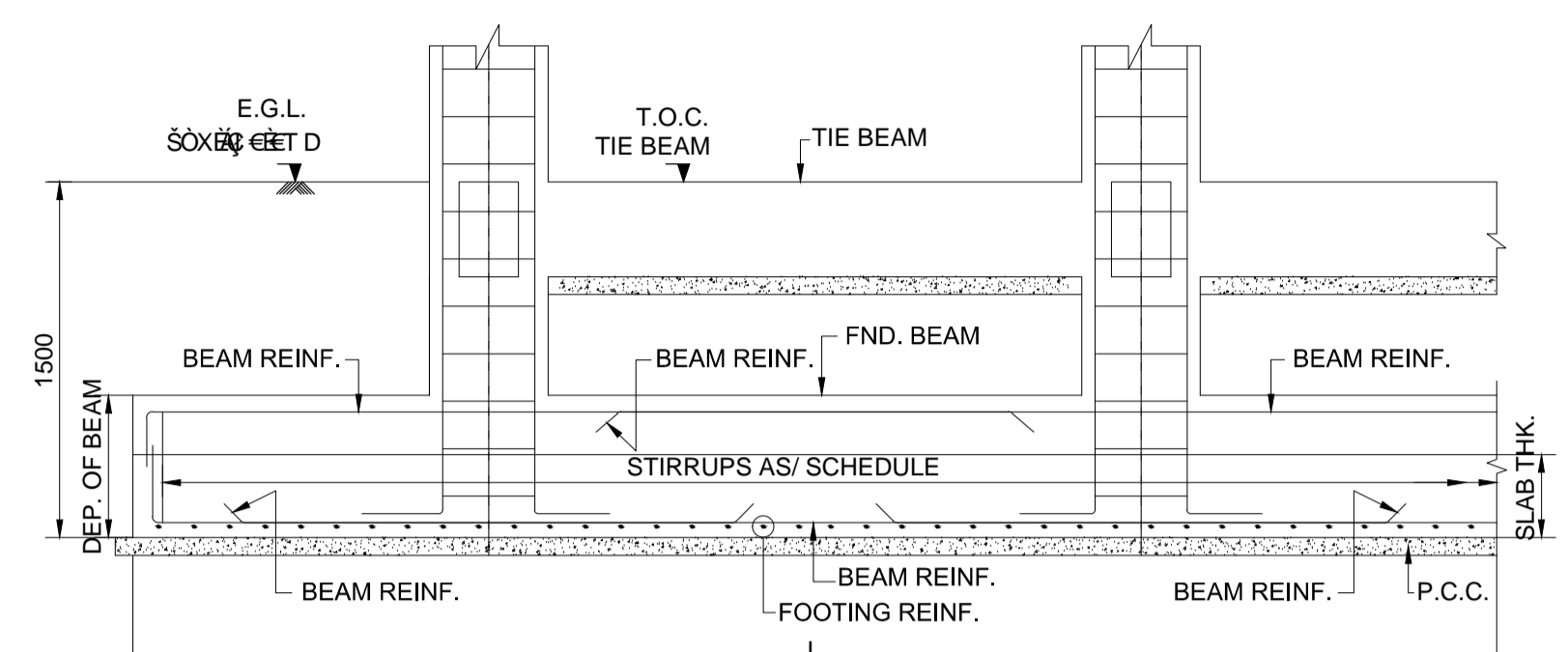


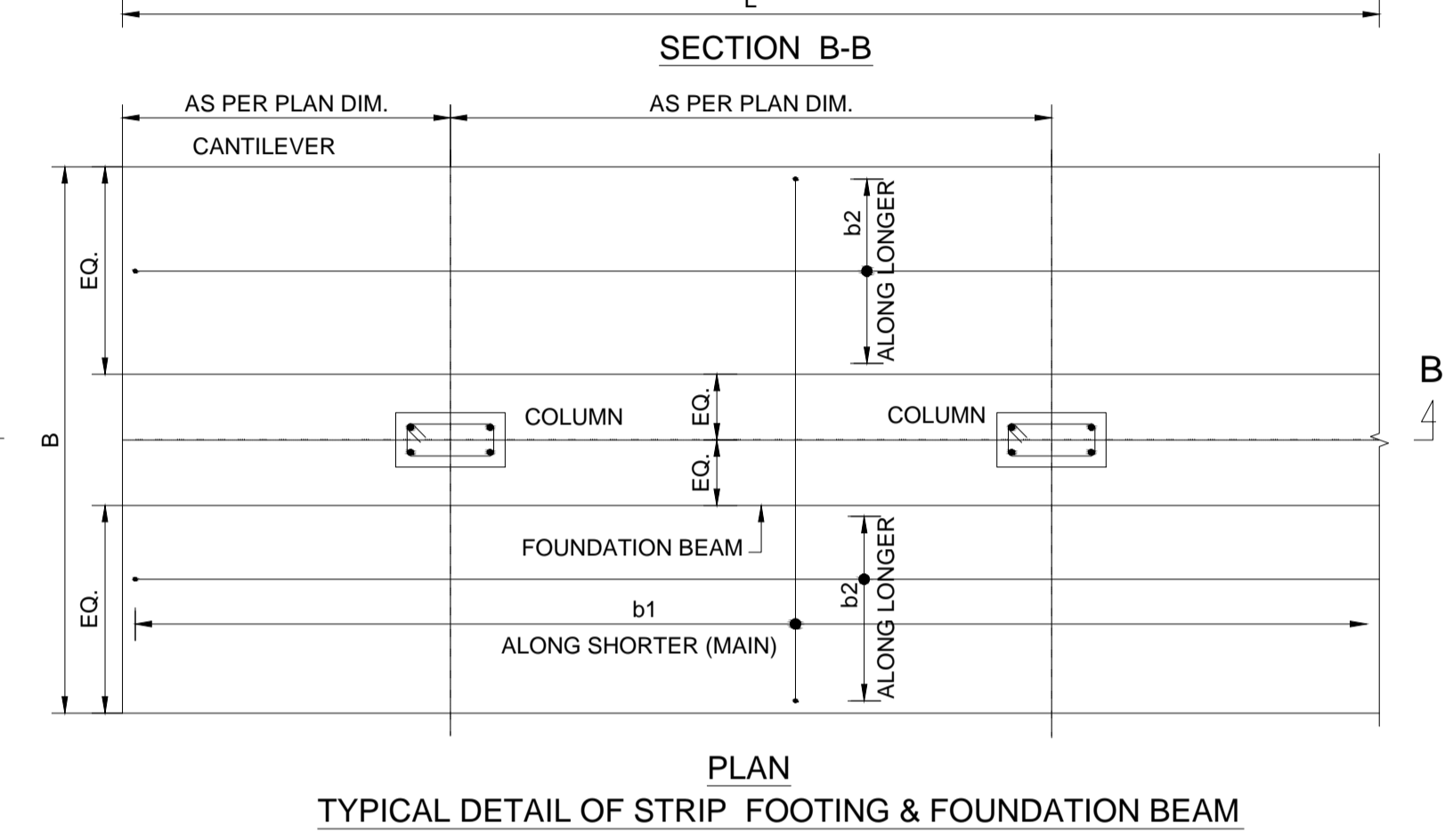
**SCHEDULE OF STAIR**

WAIST SLAB	MAIN REINF. TOP	MAIN REINF. BOTTOM	BINDERS
150 THK.	12@150 C/C	12@150 C/C	8@200 C/C



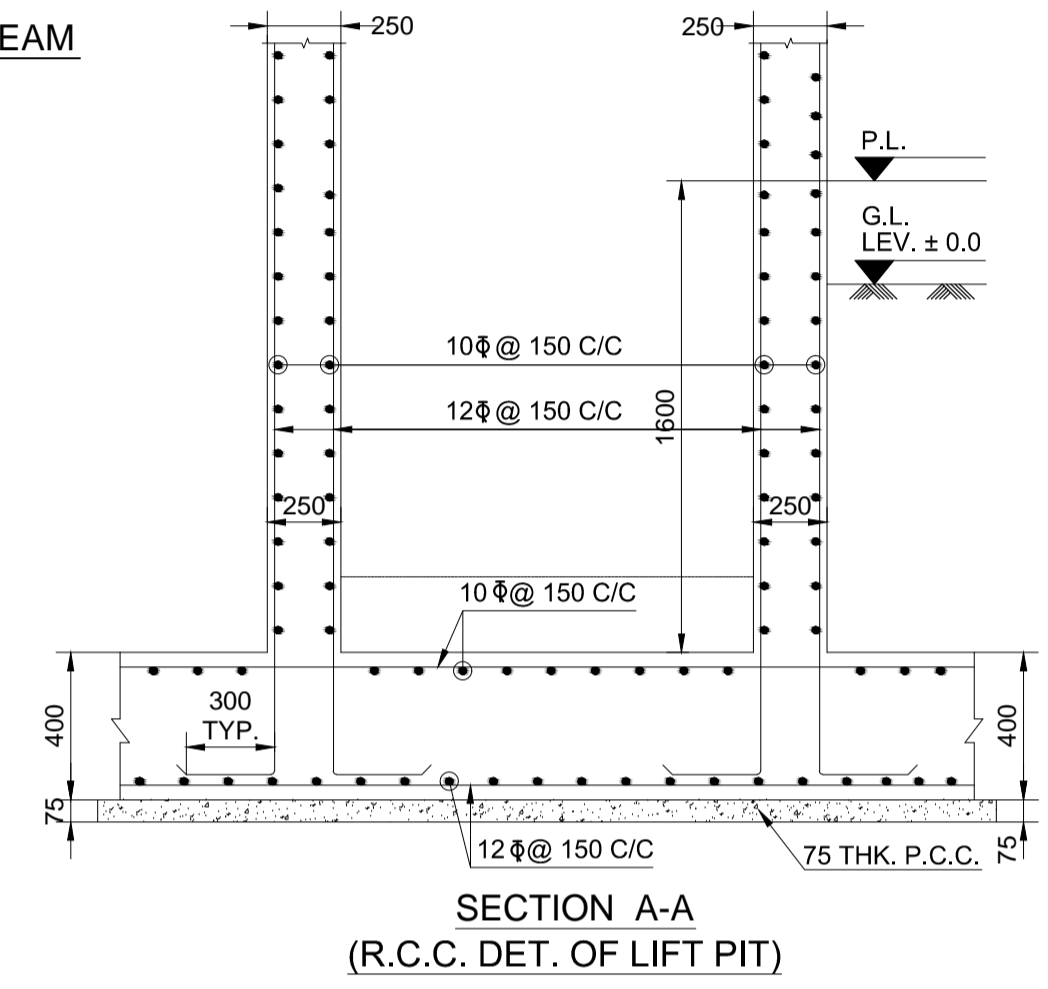
**SCHEDULE OF COMBINED FOOTINGS**

FFG. TYPE	FND. DEPTH	FOOTING SIZE L (mm) x B (mm)	FFG. SLAB THK. (D1) (mm)	FOOTING REINFORCEMENT BOTTOM (Along Short) b1	(Along Long) b2
CF1	1500	10000X2500	400	12@150 C/C	10@150 C/C
CF2	1500	7500X2500	400	12@150 C/C	10@150 C/C
CF3	1500	5950X2500	400	12@150 C/C	10@150 C/C
CF4	1500	7350X2500	400	12@150 C/C	10@150 C/C
CF5	1500	5350X2500	400	12@150 C/C	10@150 C/C
CF6	1500	AS/DWG.	500	12@150 C/C	10@150 C/C
CF7	1500	5700X2500	400	12@150 C/C	10@150 C/C
CF8	1500	5725X2500	400	12@150 C/C	10@150 C/C
CF9	1500	5725X2500	400	12@150 C/C	10@150 C/C



**SCHEDULE OF COLUMNS**

SIZES AND REINFORCEMENT	2ND FLOOR LEV. TO ROOF LEV.	2ND FLOOR LEV. TO 2ND FLOOR LEV.	2ND FLOOR LEV. TO 2ND FLOOR LEV.
C1	450 x 250 8-16@2+12@ 8@LINKS @ 150-200 C/C (3 LINKS PER SET)	450 x 250 10-16@ 8@LINKS @ 150-200 C/C (3 LINKS PER SET)	500 x 250 10-16@2+12@ 8@LINKS @ 150-200 C/C (4 LINKS PER SET)
C2	450 x 250 8-16@2+12@ 8@LINKS @ 150-200 C/C (3 LINKS PER SET)	450 x 250 10-16@ 8@LINKS @ 150-200 C/C (3 LINKS PER SET)	500 x 250 10-16@2+12@ 8@LINKS @ 150-200 C/C (4 LINKS PER SET)
C3	450 x 250 8-16@2+12@ 8@LINKS @ 150-200 C/C (3 LINKS PER SET)	450 x 250 10-16@ 8@LINKS @ 150-200 C/C (3 LINKS PER SET)	500 x 250 10-16@2+12@ 8@LINKS @ 150-200 C/C (4 LINKS PER SET)



**SCHEDULE OF SLABS**

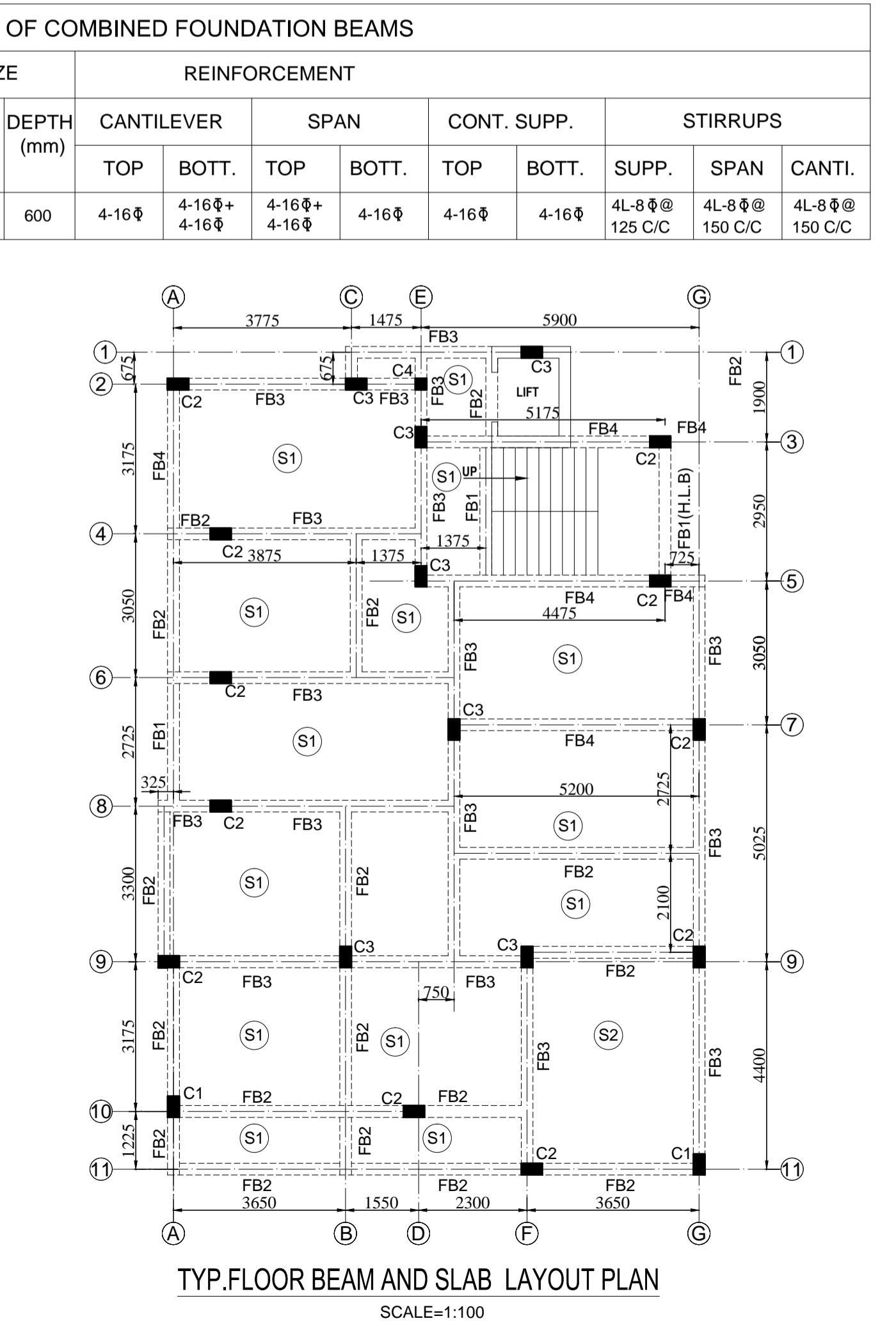
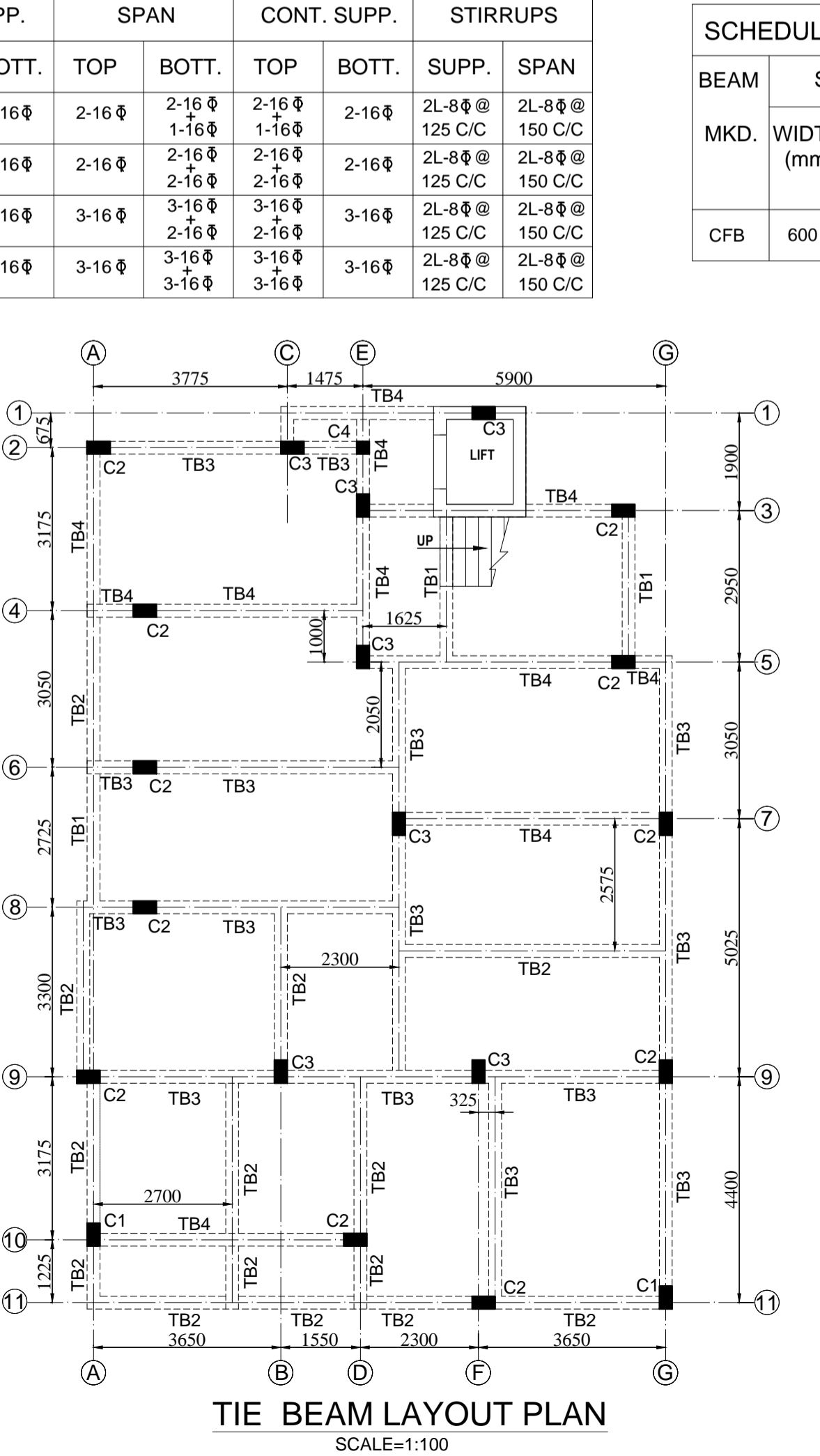
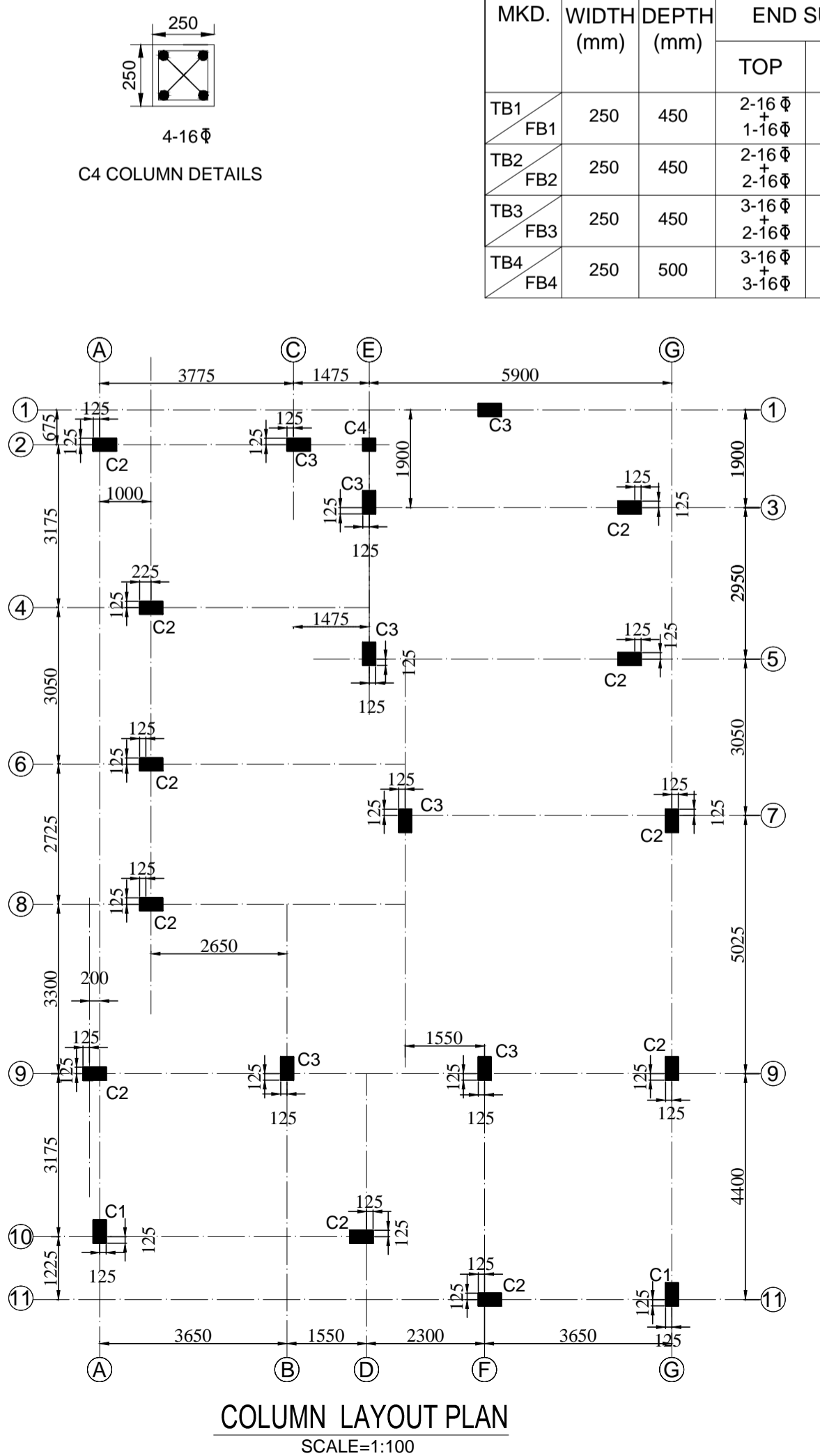
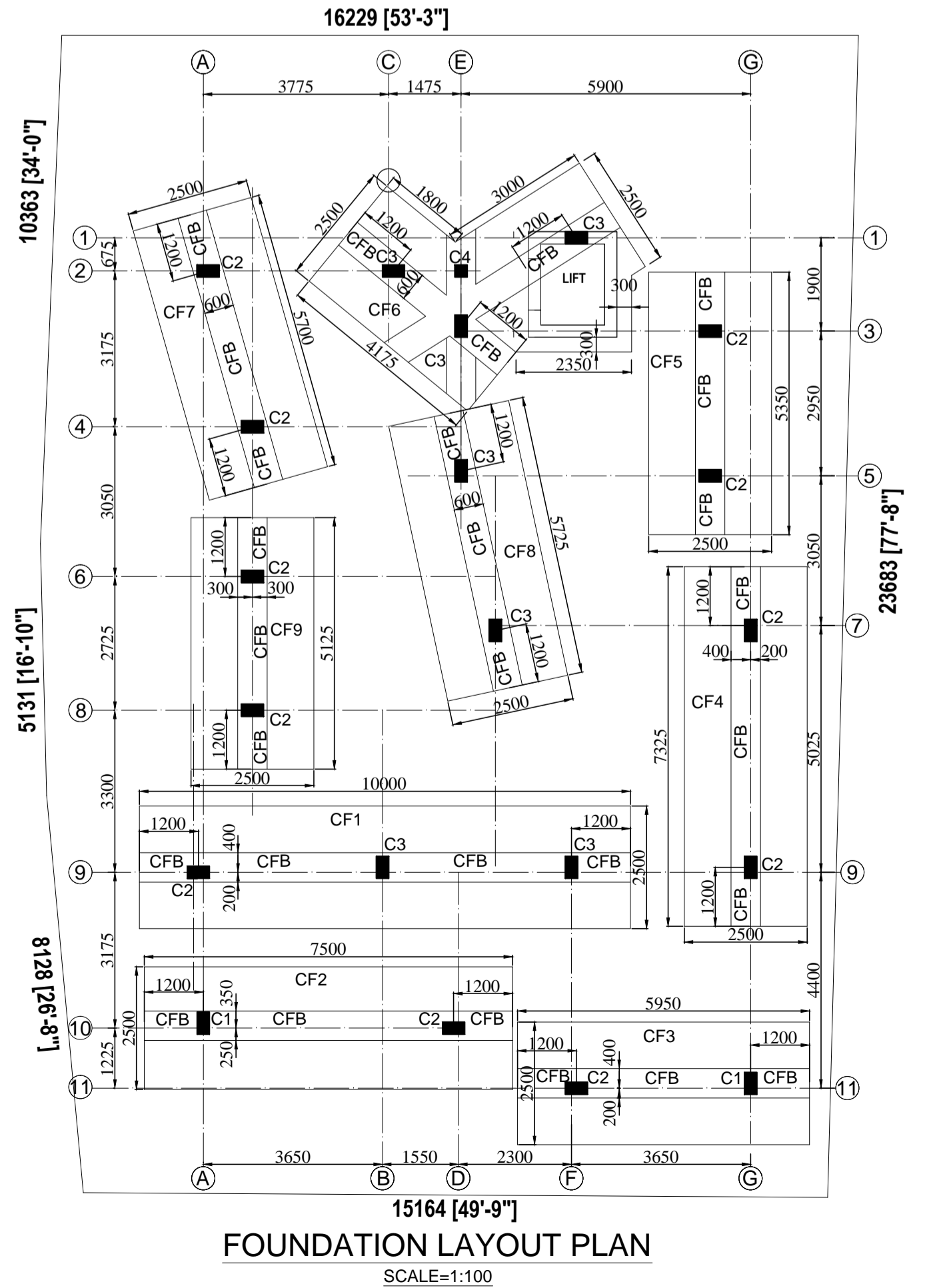
SLAB MKD.	SLAB THK. (mm)	REINFORCEMENT					
		ALONG SHORTER DIRECTION			ALONG LONGER DIRECTION		
		DISCON.SUP. (TOP)	SPAN (BOTT.)	CONT. SUP. (TOP)	DISCON.SUP. (TOP)	SPAN (BOTT.)	CONT. SUP. (TOP)
S1	125	8@125 C/C	8@125 C/C	8@125 C/C	8@125 C/C	8@125 C/C	8@125 C/C
S2	150	8@125 C/C	8@125 C/C	8@125 C/C	8@125 C/C	8@125 C/C	8@125 C/C

**SCHEDULE OF BEAMS**

BEAM MKD.	SIZE (mm)	REINFORCEMENT							
		END SUPP.		SPAN		CONT. SUPP.		STIRRUPS	
		TOP	BOTT.	TOP	BOTT.	TOP	BOTT.	SUPP.	SPAN
TB1 FB1	250 x 450	2-16@ 1-16@	2-16@	2-16@ 1-16@	2-16@ 1-16@	2-16@ 1-16@	2-16@	2L-8@ 125 C/C	2L-8@ 150 C/C
TB2 FB2	250 x 450	2-16@ 2-16@	2-16@	2-16@ 2-16@	2-16@ 2-16@	2-16@	2-16@	2L-8@ 125 C/C	2L-8@ 150 C/C
TB3 FB3	250 x 450	3-16@ 2-16@	3-16@	3-16@ 2-16@	3-16@ 2-16@	3-16@	3-16@	2L-8@ 125 C/C	2L-8@ 150 C/C
TB4 FB4	250 x 500	3-16@ 3-16@	3-16@	3-16@ 3-16@	3-16@ 3-16@	3-16@	3-16@	2L-8@ 125 C/C	2L-8@ 150 C/C

**SCHEDULE OF COMBINED FOUNDATION BEAMS**

BEAM MKD.	SIZE (mm)	REINFORCEMENT						STIRRUPS		
		CANTILEVER		SPAN		CONT. SUPP.		SUPP.	SPAN	CANTI.
		TOP	BOTT.	TOP	BOTT.	TOP	BOTT.	TOP	SPAN	CANTI.
CFB	600 x 600	4-16@ 4-16@	4-16@ 4-16@	4-16@ 4-16@	4-16@ 4-16@	4-16@ 4-16@	4-16@ 4-16@	4L-8@ 125 C/C	4L-8@ 150 C/C	4L-8@ 150 C/C



**PROJECT :- BUILDING PLAN**

**PROPOSED G+4 STORIED PRINCIPALLY RESIDENTIAL AT M.G. ROAD ; R.S. DAG NOS.- 7082,7496,7497, 8625, 8626, 8632, L.R. KHATIAN NO.- 1, MOHALLA- TOLAFOTOK ; WARD NO-2 P.S. & MOUZA- CHINSURAH, UNDER H. MUNICIPALITY; DISTRICT- HOOGHLY.**

OWNERS NAME:-  
1) MR. SOHAN SADHU, S/O- MR. SUJOY SADHU

**TITLE :- STRUCTURE PLAN**

DRG. NO. PK/2024/14/MUNI/AR-01

SCALE 1:100 DRAWN BY R.K.

DATE 14.05.2022 CHKD BY P.K.

JOB NO. PK/01 APVD BY

DESIGNED BY STRAIGHT LINE

ISSUE STATUS MUNICIPALITY

**AREA STATEMENT [AS PER PHYSICAL]**

LAND PLOT : 03 K- 12 CH - 1 SQ.FT./ 250.93 SQ.MT./ 2701 SQ.FT./ 0.062 ACRE COVERED AREA :

GROUND FLOOR COVERED AREA - 189.89 SQ.MT. (2044 SQ.FT.)  
FIRST FLOOR COVERED AREA - 189.89 SQ.MT. (2044 SQ.FT.)  
TYPICAL (2ND - 4TH) FLOOR COVERED AREA - 184.88 SQ.MT. (1990 SQ.FT.) EACH (RESIDENTIAL)

TOTAL COVERED AREA : 934.42 SQ.MT. ( 10058 SQ.FT. )  
COMMERCIAL AREA AT GROUND FLOOR : 168.71 SQ.MT. ( 1816 SQ.FT. )  
SERVICE AREA AT GROUND FLOOR : 21.18 SQ.MT. ( 228 SQ.FT. ) (INCLUDING STAIR & LIFT)

COMMERCIAL AREA AT FIRST FLOOR : 168.71 SQ.MT. ( 1816 SQ.FT. )  
SERVICE AREA AT FIRST FLOOR : 21.18 SQ.MT. ( 228 SQ.FT. ) (INCLUDING STAIR & LIFT)

TOTAL COMMERCIAL AREA : 337.42 SQ.MT. ( 3632 SQ.FT. )  
STAIR COVER & LIFT MACHINE ROOM AREA - 23.60 SQ.MT. ( 254 SQ.FT. )  
OFF STREET CAR PARKING AREA - 62.50 SQ.MT. ( 673 SQ.FT. ) [ 5 NOS. ]  
PROPOSED HEIGHT OF THE BUILDING : 15.50 M. FROM GROUND LEVEL

**SPECIFICATIONS**

**NOTES.**

- ALL DIMENSIONS ARE IN MM AND LEVELS ARE IN M. & FIGURED DIMENSIONS ARE TO BE FOLLOWED.
- THIS DRG. SHALL BE READ IN CONJUNCTION WITH LATEST ARCH. DWG.
- GRADE FOR REINFORCEMENT CONCRETE SHALL BE M-25 FOR FOUNDATION AND M-25 FOR SUPER STRUCTURE.
- ALL REINFORCEMENT SHALL BE OF H.Y.S.D. BARS Fe-500 CONFORMING TO IS:1786 - 2008.
- UNLESS SPECIFIED OTHERWISE, NOT MORE THAN 50% OF THE BARS SHALL BE LAPPED / SPLICED AT ANY SECTION.
- UNLESS SPECIFIED OTHERWISE, THE MINIMUM CLEAR CONCRETE COVER FOR PROTECTION OF REINFORCEMENT SHALL BE AS FOLLOWS-

ITEMS	TOP	BOTTOM	SIDE
FOUNDATION	50	50	50
TIE / FLOOR BEAM	30	30	30
COLUMN	-	-	40
FLOOR / WAIST SLAB	20	20	20

- UNLESS SPECIFIED OTHERWISE ALL HOOKS, BENDS, LAPS, SPLICES ETC. SHALL BE AS PER LATEST IS:456 AND OTHER RELEVANT INDIAN STAND.
- ANY DISCREPANCY OBSERVED BETWEEN THIS STRUCTURAL DRAWING AND RELEVANT ARCHITECTURAL DRAWING SHALL BE BROUGHT TO THE NOTICE AND GET RECONCILED BEFORE EXECUTION.
- THE NET BEARING PRESSURE FOR FOUNDATION DESIGN HAS BEEN KEPT WITHIN 9.0 T/M<sup>2</sup> AT 1.5 M. BELOW GROUND LEVEL.

**DECLARATION OF STRUCTURAL ENGINEER.**

CERTIFIED THAT THE STRUCTURAL DRAWING AND DESIGN OF BOTH THE FOUNDATION AND SUPERSTRUCTURE OF THE G+4 STORIED BUILDING HAS BEEN MADE CONSIDERING THE SOIL TEST REPORT AS PER THE MUNICIPAL BUILDINGS RULE 2007 AS AMENDED FROM TIME TO TIME AND AS PER THE SITE CONDITION WHEREIN THE PLOT IS BOUNDED BY BOUNDARY WALLS AND PILLARS AND IT CONFIRMS WITH THE PLAN. IT IS A BUILDABLE SITE AND NOT A TANK OR FILLED UP TANK.

**SIGNATURE OF STRUCTURAL ENGINEER.**

**DECLARATION OF ARCHITECT**

I CERTIFY THAT THE BUILDING PLAN HAS BEEN DRAWN UP AS PER PROVISION OF W.B. MUNICIPAL BUILDINGS RULE 2007 AS AMENDED FROM TIME TO TIME AND AS PER THE SITE CONDITION WHEREIN THE PLOT IS BOUNDED BY BOUNDARY WALLS AND PILLARS AND IT CONFIRMS WITH THE PLAN. IT IS A BUILDABLE SITE AND NOT A TANK OR FILLED UP TANK.

**SIGNATURE OF ARCHITECT**

**SIGNATURE OF OWNER**

SHEET NO. THIS DRAWING IS A PRIVATE AND CONFIDENTIAL DOCUMENT AND IT MUST NOT BE COPIED OR LENT WITHOUT THE CONCENT OF M/S. STRAIGHT LINE

1