

SCHEDULE OF COLUMN

2ND FLOOR TO TERRACE FLOOR	12-Y12 (200X200)	12-Y16 (200X200)	12-Y12 (200X200)	14-Y12 (200X200)	14-Y16 (200X200)	16-Y12 (200X200)	16-Y16 (200X200)	18-Y12 (200X200)	18-Y16 (200X200)	20-Y12 (200X200)	20-Y16 (200X200)	22-Y12 (200X200)	22-Y16 (200X200)	24-Y12 (200X200)	24-Y16 (200X200)
FOUNDATION TO 2ND FLOOR	12-Y12 (200X200)	12-Y16 (200X200)	12-Y12 (200X200)	14-Y12 (200X200)	14-Y16 (200X200)	16-Y12 (200X200)	16-Y16 (200X200)	18-Y12 (200X200)	18-Y16 (200X200)	20-Y12 (200X200)	20-Y16 (200X200)	22-Y12 (200X200)	22-Y16 (200X200)	24-Y12 (200X200)	24-Y16 (200X200)
WALL MARKED	W1	W2	W3	W4	W5	W6	W7	W8	W9	W10	W11	W12	W13	W14	W15
LINKS AS SPECIFIED															

SCHEDULE OF SHAR WALL

DIMENSION AND NOMEN CLUTHER	REFER LIFT SECTION	
2ND FLOOR TO TERRACE FLOOR	V1=Y12@100 C/C H1=Y8@150 C/C L1=Y8@150 C/C t1 (200 mm thick)	V1=Y12@200 C/C H1=Y8@150 C/C L1=Y8@150 C/C t1 (200 mm thick)
FOUNDATION TO 2ND FLOOR	V1=Y12@100 C/C H1=Y8@150 C/C L1=Y8@150 C/C t1 (200 mm thick)	V1=Y12@200 C/C H1=Y8@150 C/C L1=Y8@150 C/C t1 (200 mm thick)
WALL MARKED	SW1	SW2
LINKS AS SPECIFIED		

SPECIFICATIONS :

- 200 mm AAC BLOCKS work in 1:3 mortar of density 1100.
- 125 mm AAC BLOCKS work in 1:3 mortar of density 1100.
- R.C.C work in M25 grade.
- P.C.C work in M10 grade.
- 150 mm wide surface drain should be provided all round the building.
- The proposed building is a R.C.C.

Notes:-

- ALL DIMENSIONS ARE IN MM UNLESS OTHERWISE MENTIONED.
- ANY AMBIGUITY IN THE DRAWINGS SHOULD BE IMMEDIATELY BROUGHT TO THE NOTICE OF THE ENGINEER BEFORE COMMENCING THIS DWG. IS FOR REVIEW ONLY.
- THIS DRAWING IS TO BE READ ALONG WITH ALL RELEVANT REVISED ARCHITECTURAL DRAWINGS & SERVICES DWG.
- ALL MATERIALS, WORKMANSHIP & QUALITY SHALL CONFORM TO RELEVANT IS CODES.
- FOR STEEL GRADE IS 500 AS PER IS 1786-2008.
- REFER DWG NO - PER/RES/BISWAJIT/STRUC.01 FOR GENERAL DETAILS OF REINFORCEMENT.
- ALL CHAIRS ARE Y-10 AND TO BE PROVIDED WHEREVER REQUIRED.
- ALL SPACER BARS ARE Y-25 @ 300 C/C TO BE PROVIDED.
- JAPS & BOND LENGTH SHOULD BE 65D FOR TENSILE REINFORCEMENT AND 50D FOR COMPRESSION REINFORCEMENT WHERE 'D' IS THE DIAMETER OF SMALLER BAR.
- MINIMUM CLEAR COVER TO MAIN REINFORCEMENT IS AS FOLLOWS:

MEMBER	TOP	BOTTOM	SIDE
a. FOUNDATION BEAM & SLAB	50	50	50
b. COLUMN	40	40	40
c. FLOOR BEAM	30	30	30
d. RAFT BEAM	50	50	50
e. FLOOR SLAB	20	20	20

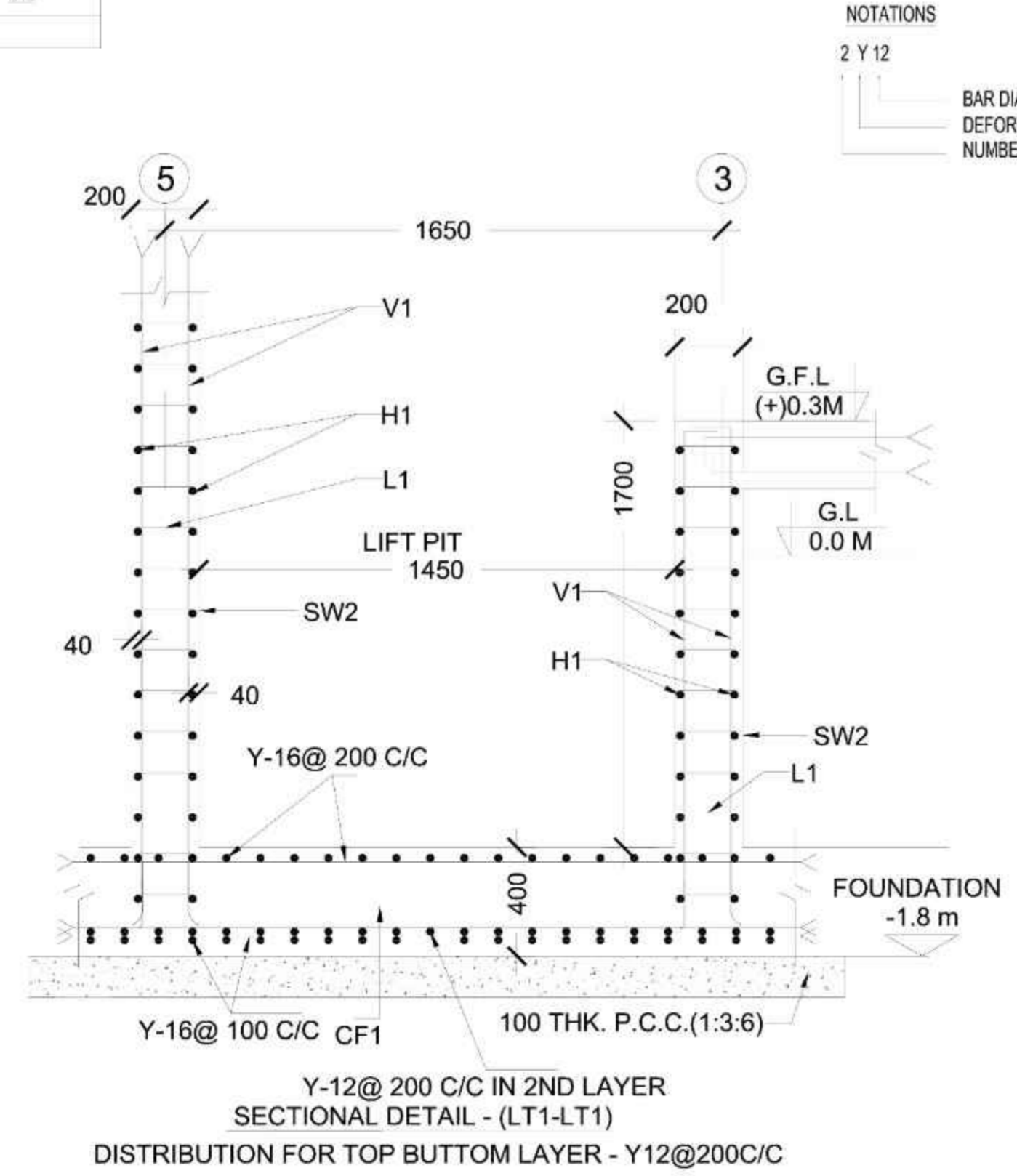
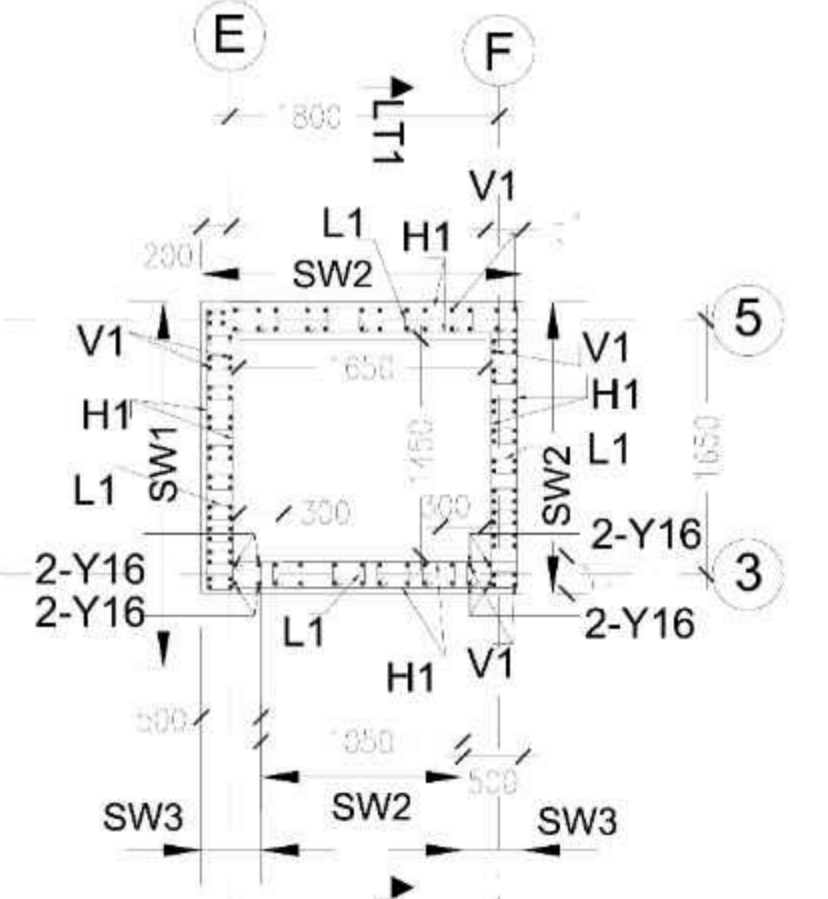
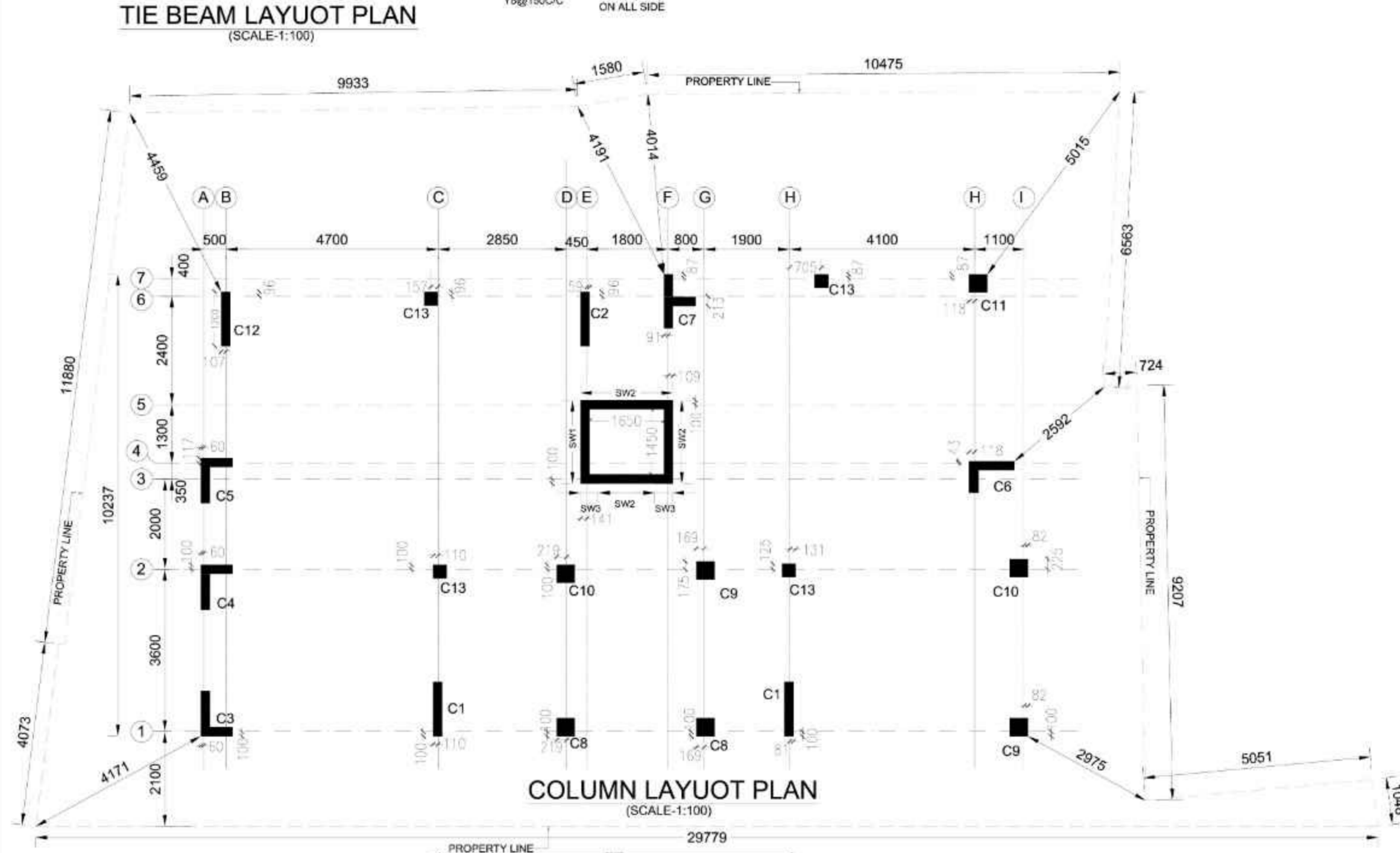
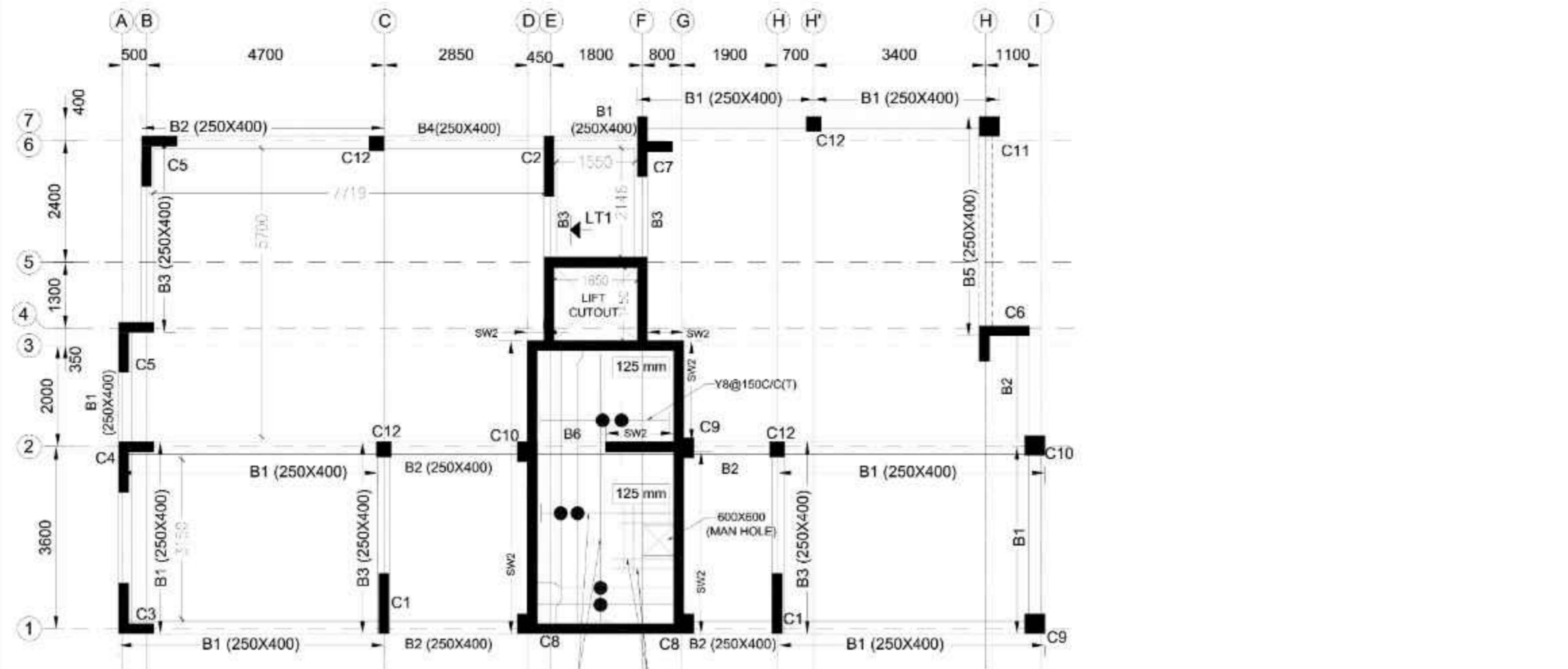
- SLAB THICKNESS 150 MM UNLESS NOTED.
- FOUNDATION AND COLUMN HAS BEEN DESIGNED FOR GROUND + FOUR STOREYED BUILDING.
- NET ALLOWABLE BEARING CAPACITY OF SOIL ASSUMED FOR DESIGN CALCULATION = 12 T/SQM.
- DEPTH OF EXCAVATION BELOW EXISTING CL SHALL BE TO A STRATUM OF ADEQUATE SAFE BEARING CAPACITY, OR 1900 MM WHICHEVER IS MORE.

LEGEND OF BEAM REINFORCEMENT (TIE BEAM). (M25)

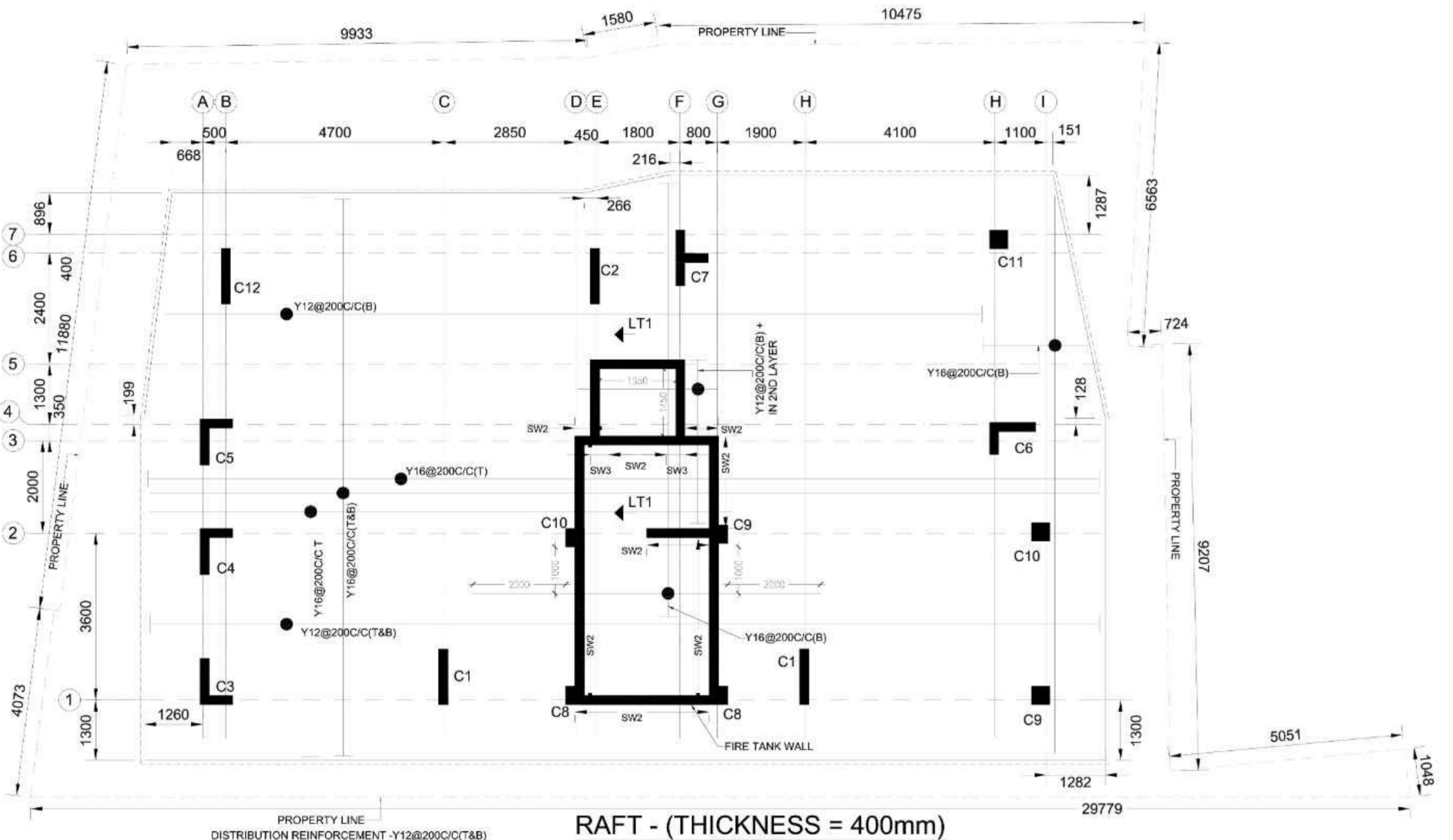
BEAM MARK.	BEAM SIZE	BEAM TYPE	TOP REINFORCEMENT	BOTTOM R/F	STRPS		
B	D		T1	B1	MARK		
B1	250	400	3	2-12	-	8-2L	B
B2	250	400	6	2-12	-	8-2L	B
B3	250	400	10	2-12	-	8-2L	B
B4	250	400	6	2-12	-	8-2L	B
B5	250	400	10	2-12	-	8-2L	B
B6	250	250	10	2-12	-	8-2L	D

STIRRUP SCHEDULE
PROVIDE Y8-2 LEGGED/4-LEGGED STIRRUPS UNLESS NOTED OTHERWISE

STRP MARK	NOS OF STRPS & SPCG OF STRPS	D= depth of beam
A	2D@100 FROM LHS+@150+2D@100 FROM RHS	
B	2D@100 FROM LHS+@175+2D@100 FROM RHS	
D	@100 C/C	



REINFORCEMENT DETAILS IN PLAN OF LIFT WALL FROM FOUNDATION TO MACHINE TOP/ HEAD ROOM



NOTATIONS

- 2 Y12
- BAR DIA
- DEFORMED BAR
- NUMBER OF BARS
- Y 10 @ 175
- SPACING CENTER TO CENTER
- AT
- BAR DIA
- DEFORMED BAR

PROJECT:
PROPOSED G+4 RESIDENTIAL BUILDING FOR JITENDRA NATH ROY S/O BASANTA KUMAR ROY, SUSANTA ROY S/O KIRITI ROY & NIMAI CHANDRA ROY S/O BASANTA KUMAR ROY. AT L.R. PLOT NO.- 5554, OF ROAD-25, BHIRINGEE VILLAGE DGP-13, R.S PLOT NO.: 1890, 1891, MOUZA- BHIRINGI, J.L. NO.:119, KHATIAN NO: 13781,13931,1469 PS. - DURGAPUR HOLDING NO. -2, 209/1/S, 209 ASSESSMENT NO - 3309401075067, 3309401112808, 3309401075273 CIRCLE/WARD NO.- 19 STREET. - ROAD-25, BHIRINGEE VILLAGE DGP-13 OBPS FILE NO. - SWS-OBPAS/1102/2025/0403

FILE:
FOUNDATION AND COLUMN WITH LIFT REINFORCEMENT DETAILS

SIGNATURE OF OWNER
JITENDRA NATH ROY M-
SUSANTA ROY M-
NIMAI CHANDRA ROY M-

39, Ground Floor, East Avenue, Bengal Ambuja, DGP-16 MOBILE-9434232377, 8637586033, Email Id: laltude2004@gmail.com

SIGNATURE OF LBS-1.
SIGNATURE OF STRUCTURE.
SIGNATURE OF GEO-TECH.

LALTU DEY
B.E.(CIVIL),M.I.E.,CHARTERED ENGINEER
DMC NO.- DMC/BPD/144
DMC NO.- DMC/BPD/ST-I/001
DMC NO.- DMC/BPD/GEO-II/023
DURGAPUR-713216.

DATE	06-05-2025
SCALE	1:100,1:50,1:25
DRAWN BY	RANA
CKD. BY	L.D. REV. - 1
DWG. NO.	- PER/RES/BISWAJIT/STRUC./02