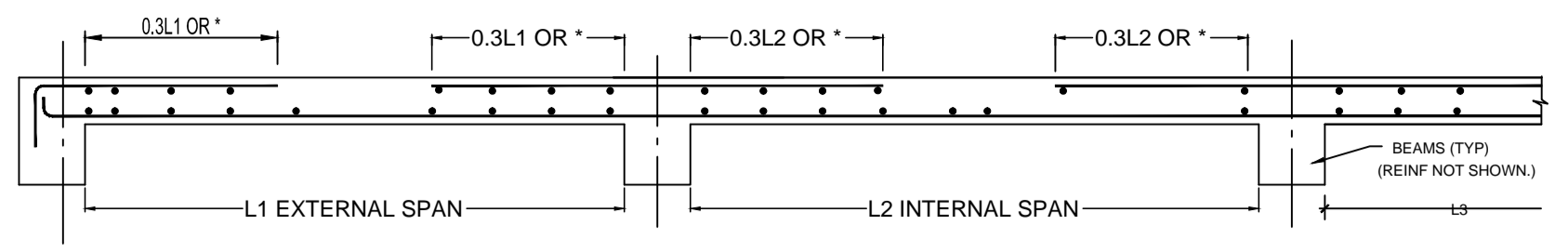


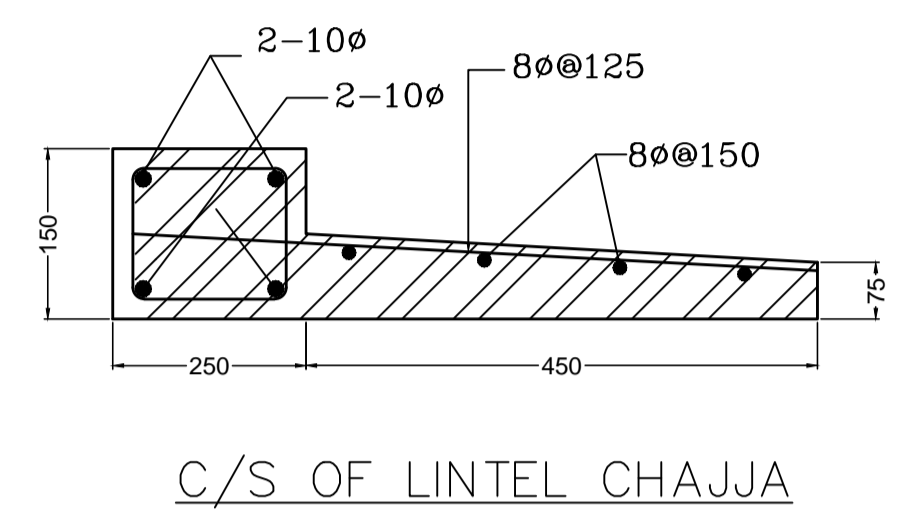
BEAM TYPE (MULTIPLE SPAN BEAM)
CURTAILMENT DETAILS FOR BEAM



TYPICAL DETAILS OF SLABS
(BOND LENGTH WITH WHICHEVER IS GREATER)

SCHEDULE OF BEAM						
BEAM MKD.	SIZE OF BEAM (MM X MM)	SUPPORT LONG REINF. TOP	SUPPORT LONG REINF. BOTTOM	SPAN LONG REINF. TOP	SPAN LONG REINF. BOTTOM	STIRRUPS
B-1	250 (WIDTH) X 400 (DEPTH)	2-16 T	2-16 T	2-16 T	2-16 T	8 T @ 125 MM C.C.
B-2	250 (WIDTH) X 400 (DEPTH)	3-16 T	3-16 T	3-16 T	3-16 T	8 T @ 125 MM C.C.
B-3	250 (WIDTH) X 400 (DEPTH)	3-16 T	3-16 T	3-16 T	3-16 T	8 T @ 125 MM C.C.
B-4	250 (WIDTH) X 450 (DEPTH)	3-16 T	3-16 T	3-16 T	3-16 T	8 T @ 125 MM C.C.
TB1	250 (WIDTH) X 400 (DEPTH)	3-16 T	3-16 T	3-16 T	3-16 T	8 T @ 125 MM C.C.
TB2	250 (WIDTH) X 400 (DEPTH)	4-16 T	4-16 T	4-16 T	4-16 T	8 T @ 125 MM C.C.
R2	400 (WIDTH) X 700 (DEPTH)	4-16 T	4-16 T	4-16 T	4-16 T	X Y

X - 4L-8T @ 125 MM C.C.
Y - 4L-8T @ 175 MM C.C.



C/S OF LINTEL CHAJJA

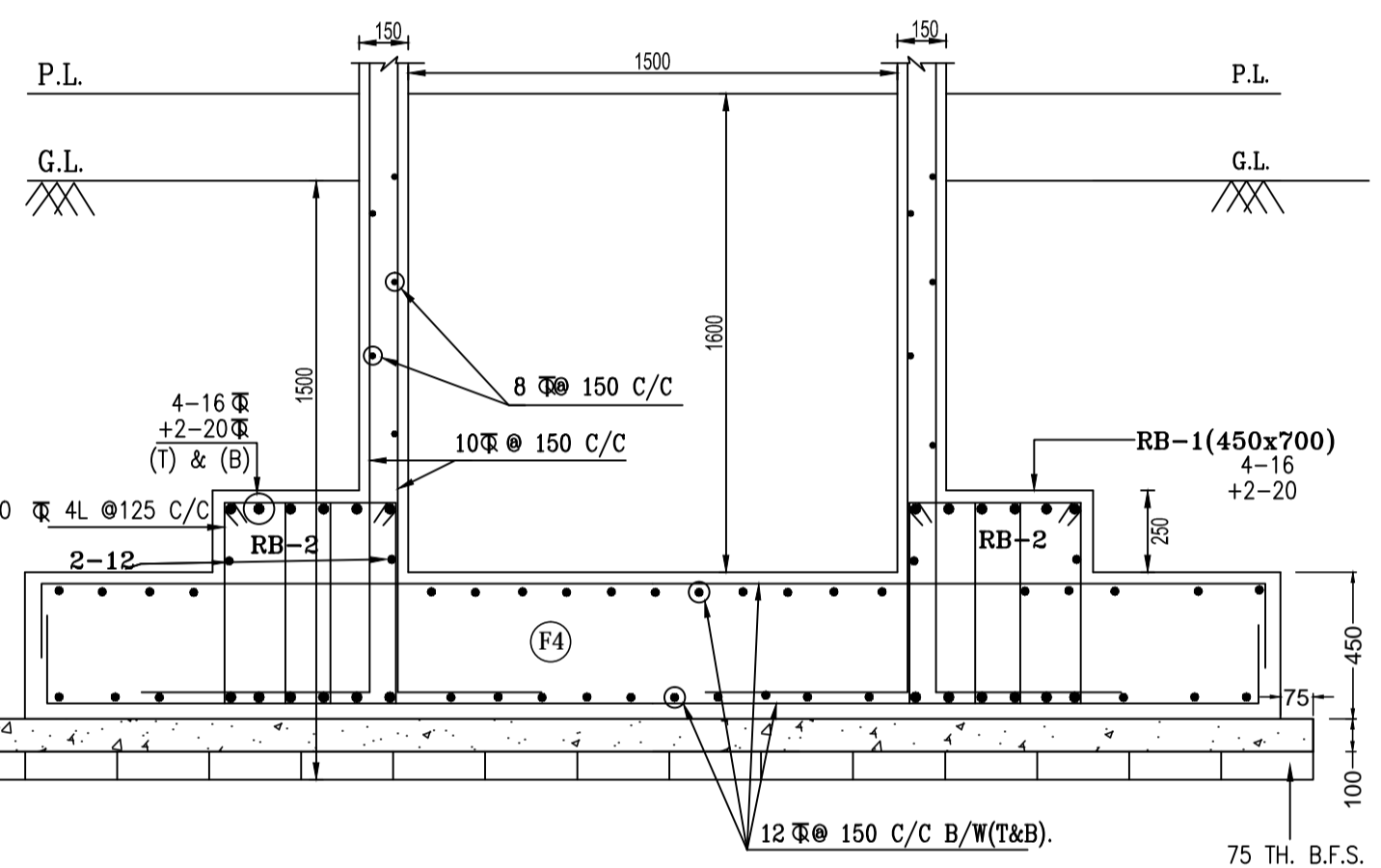
SCHEDULE OF COLUMNS			
COLUMN SIZES WITH REINFORCEMENTS			
COL. MKD.	FROM FND. TO 2ND FLOOR	FROM 2ND FLOOR TO ROOF	STIRRUPS
C1	250 X 450 12-16 T	250 X 450 10-16 T	8 T @ 150 MM C.C.
C2	250 X 500 14-16 T	250 X 500 12-16 T	8 T @ 150 MM C.C.

SCHEDULE OF SLAB & WALL					
SLAB	THICK	REINF. ALONG SHORTER DIRET.	REINF. ALONG LONGER DIRET.	AT SPAN	AT SUPPORT
S1	110	8 T @ 150 MM C.C. (BOTTOM)	8 T @ 150 MM C.C. (TOP)	8 T @ 150 MM C.C.	8 T @ 150 MM C.C. (TOP)
S2	125	10 T @ 100 MM C.C. (BOTTOM)	10 T @ 100 MM C.C. (TOP)	10 T @ 100 MM C.C.	10 T @ 100 MM C.C. (TOP)
STAIR	150	LONG MAIN REINF - 10 T @ 100 MM C.C. DIST REINF - 8 T @ 150 MM C.C.			
LIFT WALL	125	VERTICAL MAIN REINF - 10 T @ 150 MM C.C. (BW) HORIZONTAL DIST. REINF - 8 T @ 150 MM C.C. (BW)			
RAFT	450	TOP REINF - 12 T @ 150 MM C.C. (BW) BOT REINF - 12 T @ 150 MM C.C. (BW)			

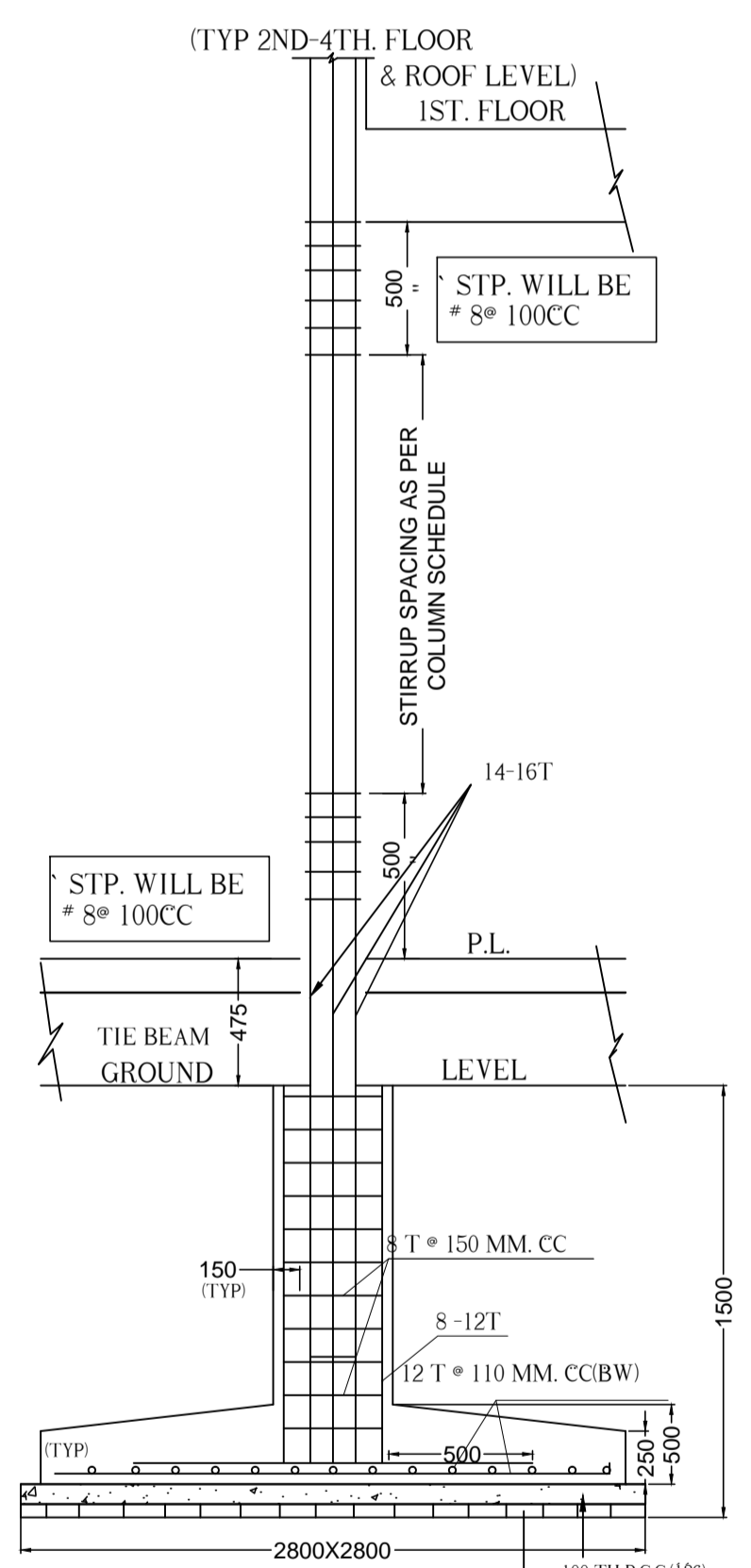
SCHEDULE OF FOUNDATION						
DEPTH OF FOUNDATION 1.5 M. BELOW E.G.L.						
MKD.	OF FND.	DEPTH	FOUNDATION	OF SLAB	LONGER DIRECTION	SHORTER DIRECTION
F-1	ISOLA TYPE FOOTING	1500	2.5	2.5	250 TO 450	12 T @ 125 MM C.C.
F-2		1500	2.8	2.8	250 TO 500	12 T @ 100 MM C.C.
F-3F-4	COMBI. FTG.	1500	AS PER DRG.		450	12 T @ 100 MM C.C.
F-5 (MKD -X)	RAFT	PL. TO TOP OF FDN SLAB	AS PER DRG.		450	12 T @ 150 MM C.C.

PLAN FOR PROPOSED G+IV STORIED RESIDENTIAL BUILDING OF NEPAL KUMAR PAUL, AMAL KUMAR PAUL & SHUVAJIT PAUL AT MOUZA- BARUIPUR, J.L NO-31, R.S. DAG NOS.- 1144,1144 / 3108,C.S.KH. NO.-1736,R.S.KH. NOS.-.5607,8662,WARD NO.- 14, HOLDING NO.-54 ,UNDER BARUIPUR MUNICIPALITY, P.S -BARUIPUR, DIST 24 PGS(S).

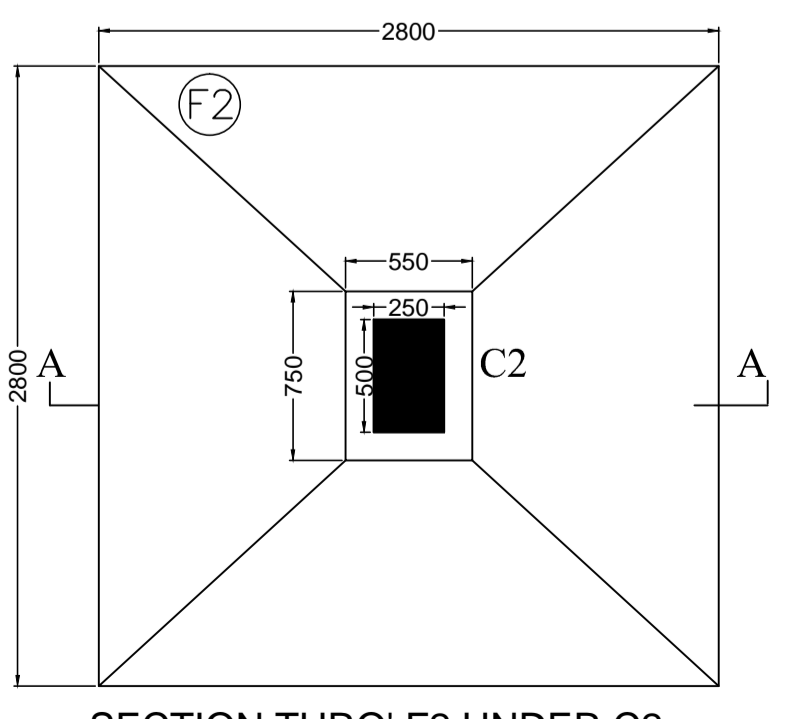
- General Specification**
- ALL DIMENSIONS ARE IN MILLIMETER.
 - THE DEPTH OF FOUNDATION OF SEPTIC TANK SHOULD NOT EXCEED THE DEPTH OF FOUNDATION OF BUILDING.
 - GRADE OF CONCRETE IS M-20 CONFORMING IS : 456-1978.
 - GRADE OF REINFORCEMENT STEEL SHALL BE H.Y.S.D. BARS (#) Fe-415, CONFORMING IS : 1786-1985.
 - PLAN CEMENT CONCRETE SHALL BE (1:3:6) WITH PICKED KHOA.
 - NOMINAL MIX OF CONCRETE GRADE M - 20 (1 : 1.5 : 3)
 - P. C. C. = 75 MM. THICK (1 : 3 : 6)
 - B. CLEAR COVER FOR REINFORCEMENT.
 - FOUNDATION SLAB = 40 MM.
 - FOUNDATION BEAM = 50 MM.
 - FLOOR BEAM = 25 MM.
 - FLOOR SLAB = 15 MM.
 - COLUMN = 40 MM.
 - SOIL BEARING CAPACITY = 9.06 T / M²
 - THE LAPS SHALL BE STAGGERED. NOT MORE THAN 1/3 OF THE TOTAL REINFORCEMENT SHALL BE LAPPED AT A SINGLE SECTION.
 - ALL STIRRUP/HOOPS SHALL BE PROVIDED AS PER IS:13920-1993.
 - SUITABLE FOUNDATION IS TO BE PROVIDED UNDER PARTION WALLS THOSE ARE NOT LOCATED OVER THE TIE BEAM.



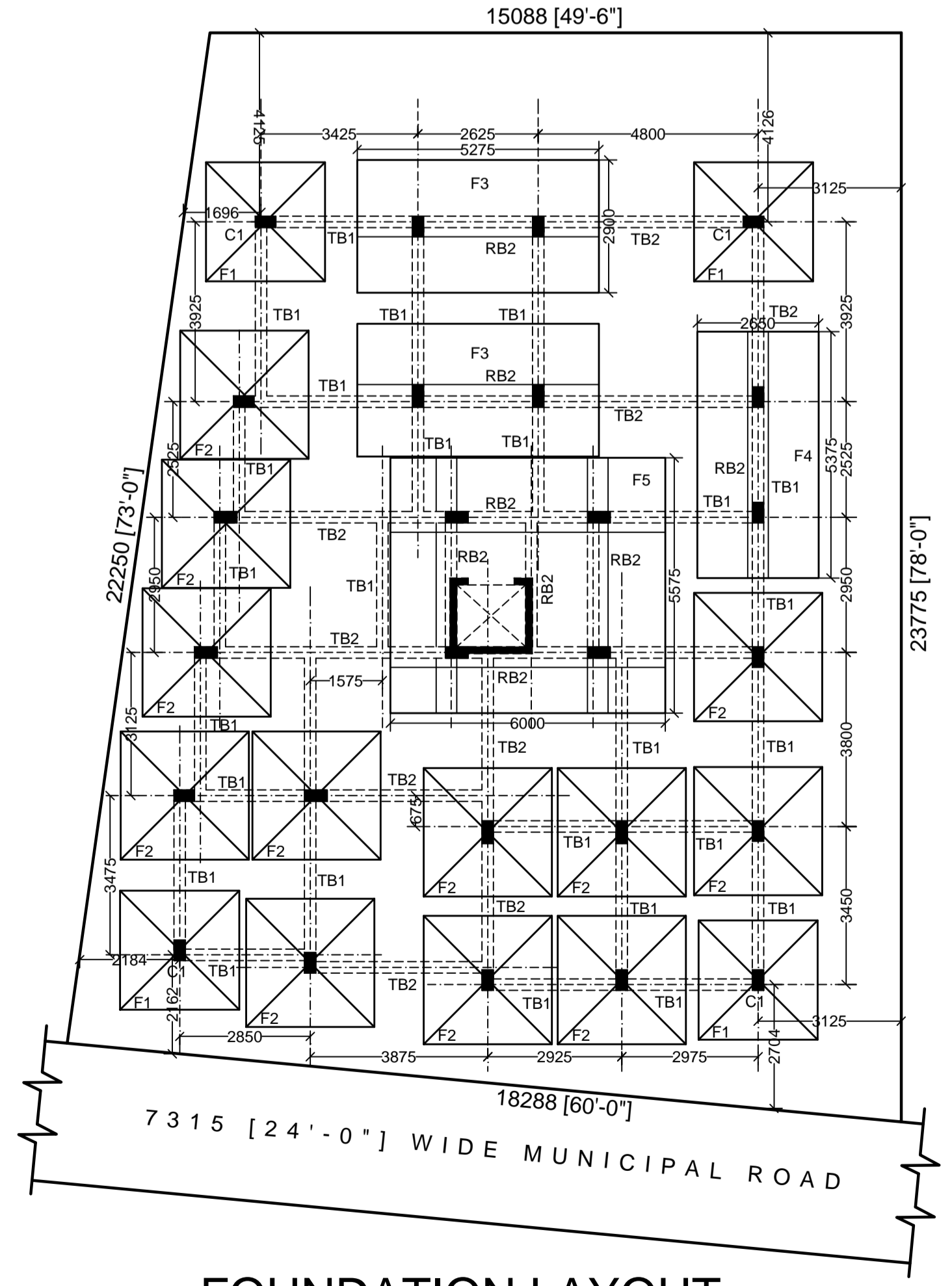
LIFT FDN-MKD-F4 (RAFT) SECTION (MKD. X)



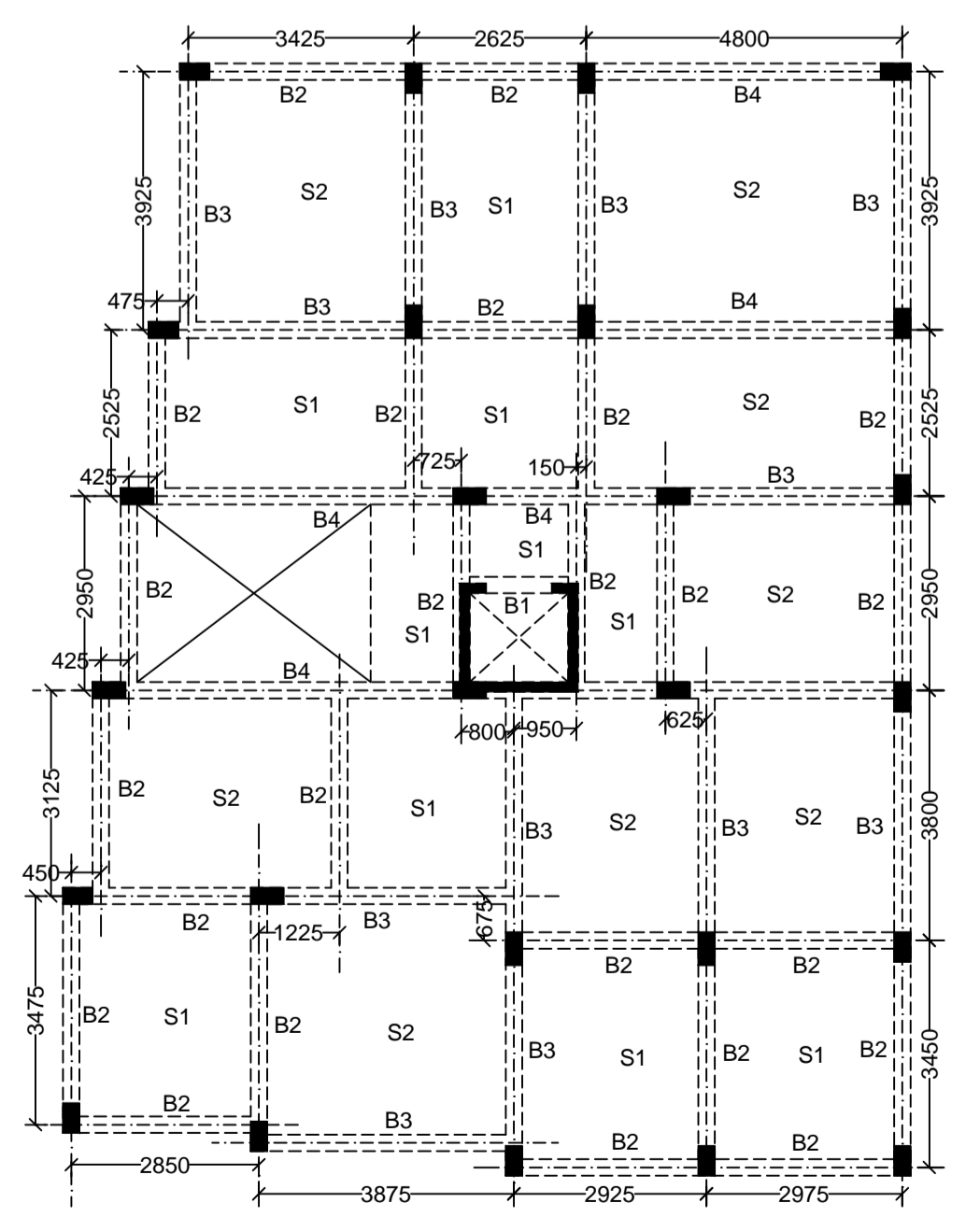
SECTION : A-A



SECTION THRO' F2 UNDER C2



FOUNDATION LAYOUT
SCALE - 1:100



BEAM PLAN
SCALE - 1:100

SPACE FOR OFFICE SEAL

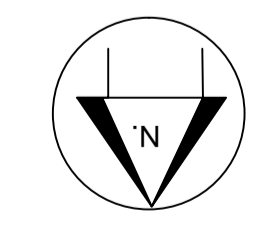
STRUCTURAL ENGINEER STABILITY CERTIFICATE

THE STRUCTURAL DRAWING AND DESIGN OF BOTH FOUNDATION AND SUPER STRUCTURE OF THE BUILDING HAS BEEN MADE BY ME CONSIDERING ALL POSSIBLE LOADS INCLUDING THE WIND LOAD, SEISMIC LOAD AS PER THE N B C OF INDIA . I CERTIFY THAT IT IS SAFE AND STABLE IN ALL RESPECT

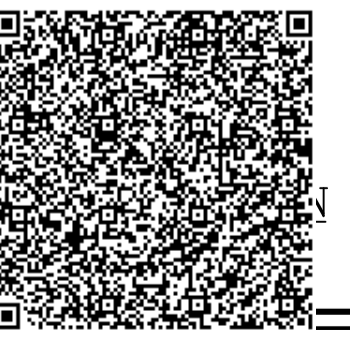
(GOPAL CH. BAG)
BE(Civil),ME(Structure) Tel:9123316954
ESE-II/GTE-II(Baruipur Municipality)

L. B. S. CERTIFICATE

THE PLOT IS A VACANT LAND. THE PLOT IS BOUNDARY BY BOUNDARY WALL BOUNDARY MEASUREMENT AGREED WITH THE REGD. SITE AND NOT A TANK OR FILLED UP TANK. CERTIFIED BY ME WITH FULL RESPONSIBILITY THAT THE BUILDING PLAN HAS BEEN DRAWN UP AS PER PROVISIONS OF THE BARUIPUR MUNICIPALITY BUILDING RULES AND THAT THE SITE CONDITION INCLUDING THE WIDTH OF ABUTTING MUNICIPAL ROAD CONFORM WITH THE PLAN AND THAT IT IS A BUILDABLE.



(GOPAL CH. BAG)
BE(Civil),ME(Structure) Tel:9123316954
SIGNATURE OF L.B.S-(IBM)



SIGNATURE OF OWNERS

TITLE: S