

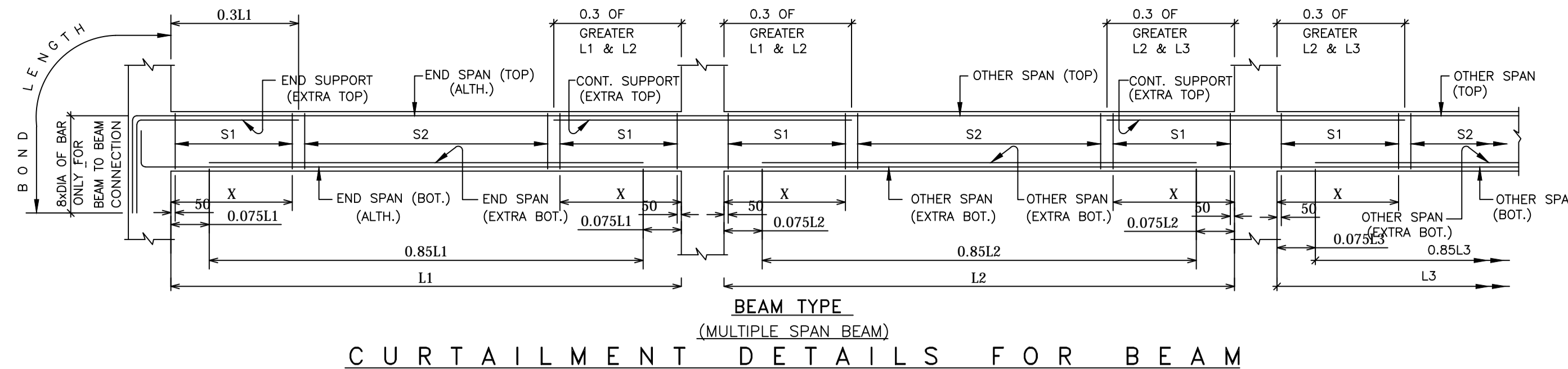
SCHEDULE OF FOOTING							
FOOTING MKD.	UNDER COLUMN	BASE SIZE	DEPTH OF BASE AT FACE (a)	PEDESTAL SIZE	REINFORCEMENT OF BASE	REINFORCEMENT OF BASE	
					SHORT SPAN (c)	LONG SPAN (d)	
F1	C4	2100x2100	375	200	550x650 5 NOS 8# FL BAR B/W 2L 8# @ 150 c/c	12# @ 175 c/c	12# @ 175 c/c
F2	C1, C2, C8, C12, C14, C15	2400x2400	400	200	550x700 5 NOS 8# FL BAR B/W 2L 8# @ 150 c/c	12# @ 135 c/c	12# @ 135 c/c
F3	C3, C5, C9, C13	2750x2750	450	225	550x700 5 NOS 8# FL BAR B/W 2L 8# @ 150 c/c	12# @ 125 c/c	12# @ 125 c/c
RAFT	C6, C7, C10, C11	5650 (B)	6325 (L)	400 (D)		12# @ 150 c/c	12# @ 150 c/c

DEPTH OF EXCAVATION FROM EGL 1.5 M. DEPTH OF FOOTING FROM EGL 1.2 M. PROVIDE 300 MM THK WELL COMPACTED CHARSE SAND IN LAYERS BELOW FOUNDATION

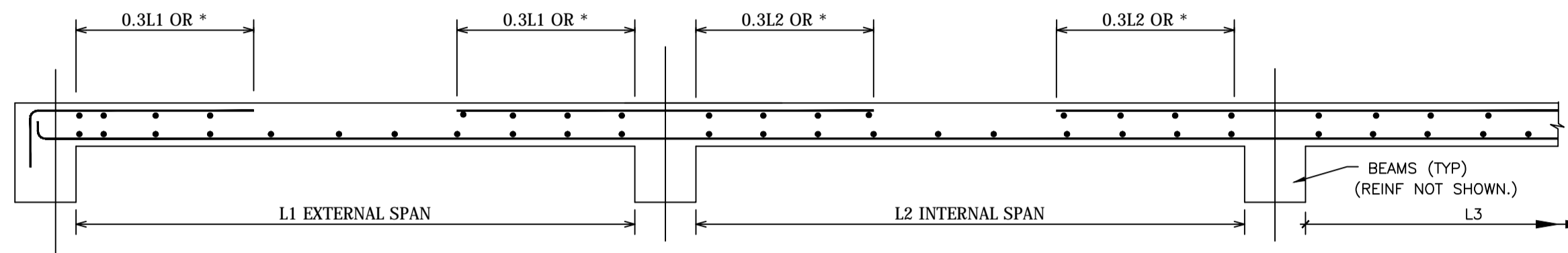
SCHEDULE OF BEAM						
BEAM MKD.	SIZE (WxH)	LONGITUDINAL REINFORCEMENT				STIRRUPS
		AT SUPPORT		AT SPAN		
		TOP	BOTTOM	TOP	BOTTOM	
B1	250x450	4-20#	2-20#	2-20#	4-20#	2L8# @ 150c/c
B2	250x350	3-16#	2-16#	2-16#	3-16#	2L8# @ 150c/c
B2'	250x350	4-16#	2-16#	2-16#	4-16#	2L8# @ 150c/c
B3	250x300	2-16#	2-16#	2-16#	2-16#	2L8# @ 150c/c
B4	250x450	4-16#	2-16#	2-16#	4-16#	2L8# @ 150c/c
B0	250x400	4-16#	2-16#			2L8# @ 150c/c
TB1	250x350	6-12#	3-12#	3-12#	6-12#	2L8# @ 150c/c
TB2	250x300	4-12#	2-12#	2-12#	4-12#	2L8# @ 150c/c
TB3	250x300	3-12#	2-12#	2-12#	3-12#	2L8# @ 150c/c

SCHEDULE OF COLUMNS			
COL. MKD.	FROM FND. TO 2ND FLOOR		FROM 2ND FLOOR TO ROOF
	SIZE	REINFORCEMENT	REINFORCEMENT
C1, C4	250 X 350	6-16 T	4-16 T + 2-12 T
C2, C6, C10, C12	250 X 400	8-16 T + 2-12 T	8-16 T
C3, C5, C7, C8, C9, C11, C13, C14, C15	250 X 400	8-16 T + 4-12 T	8-16 T

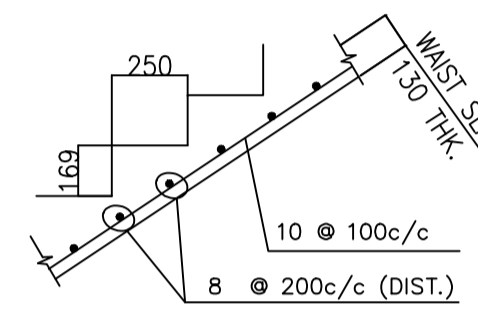
SCHEDULE OF SLAB			
SLAB MKD.	OVERALL DEPTH (mm)	SUPPORT STEEL	SPAN STEEL
S1	110TH.	8# @ 125 c/c	8# @ 250 c/c
S2 STAIR	125TH.	10# @ 100c/c	10# @ 100c/c



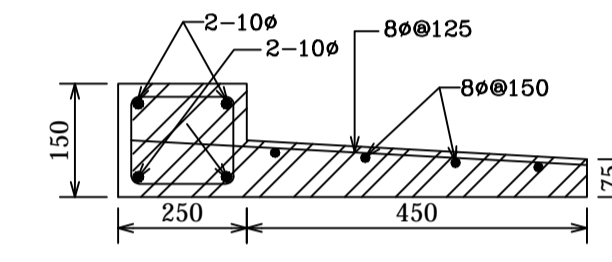
BEAM TYPE (MULTIPLE SPAN BEAM)
CURTAILMENT DETAILS FOR BEAM



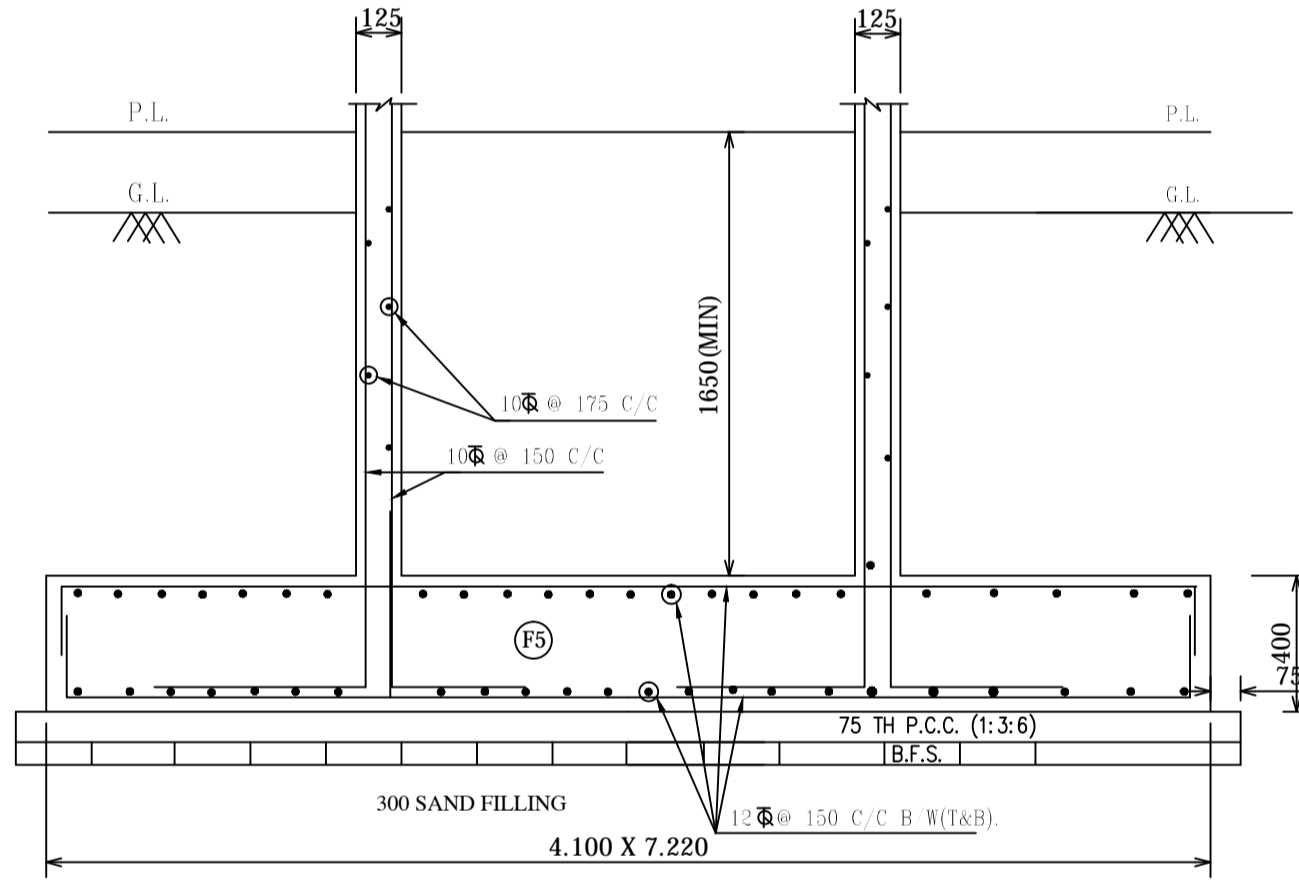
TYPICAL DETAILS OF SLABS
(BOND LENGTH WITH WHICHEVER IS GREATER)



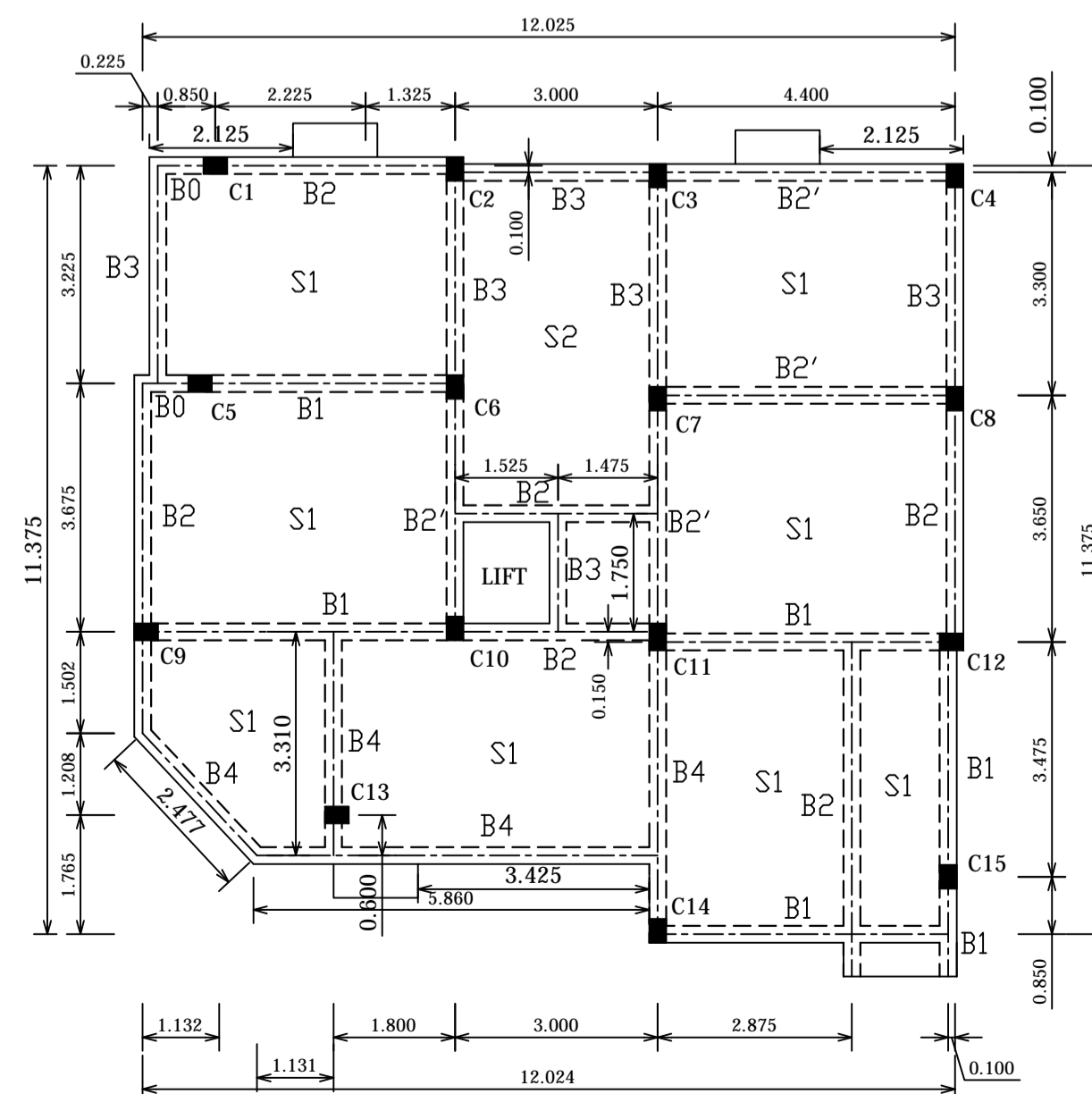
DET. OF WAIST SLAB (MID SPAN)
SCALE - 1:25



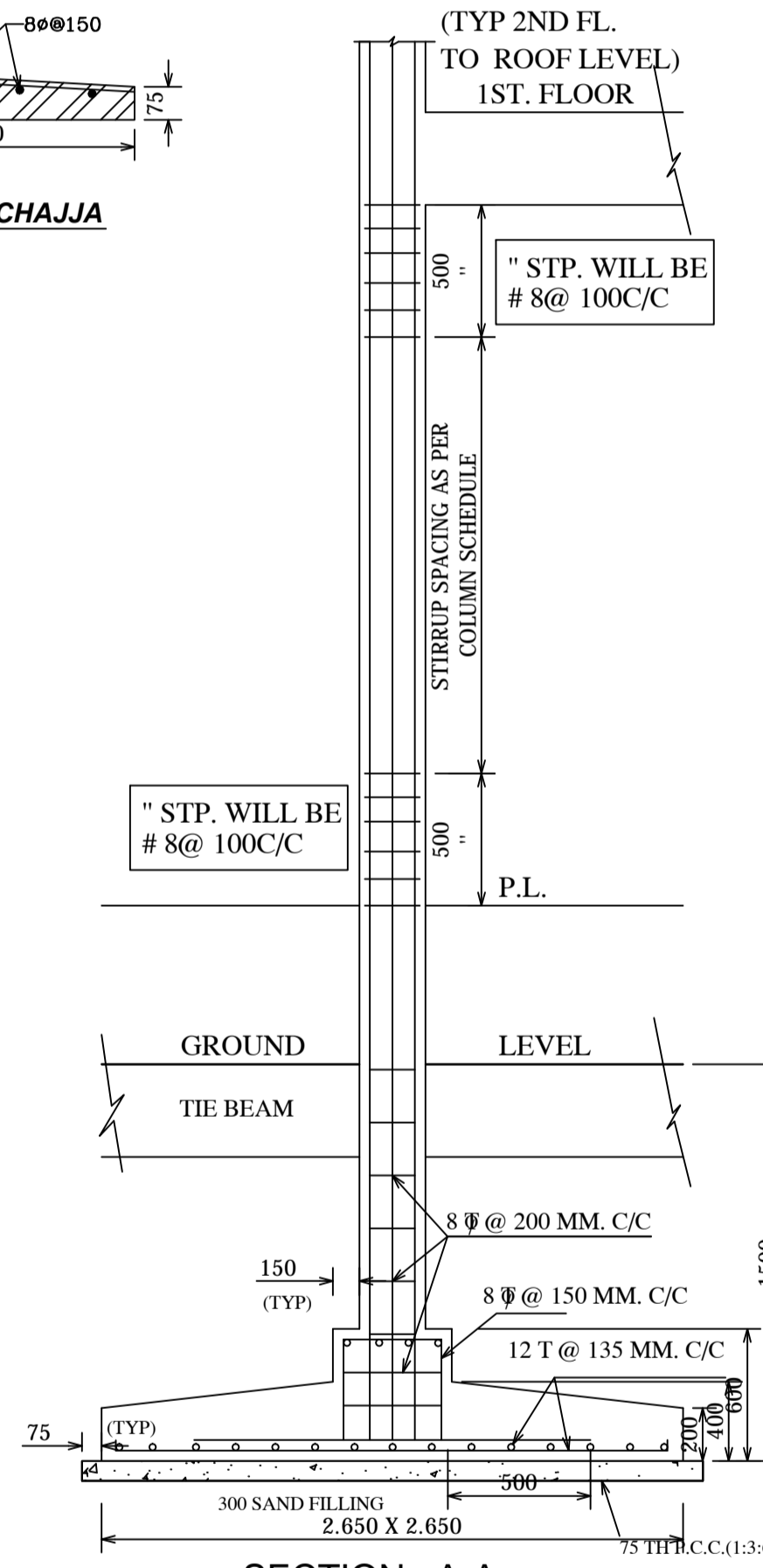
C/S OF LINTEL CHAJJA



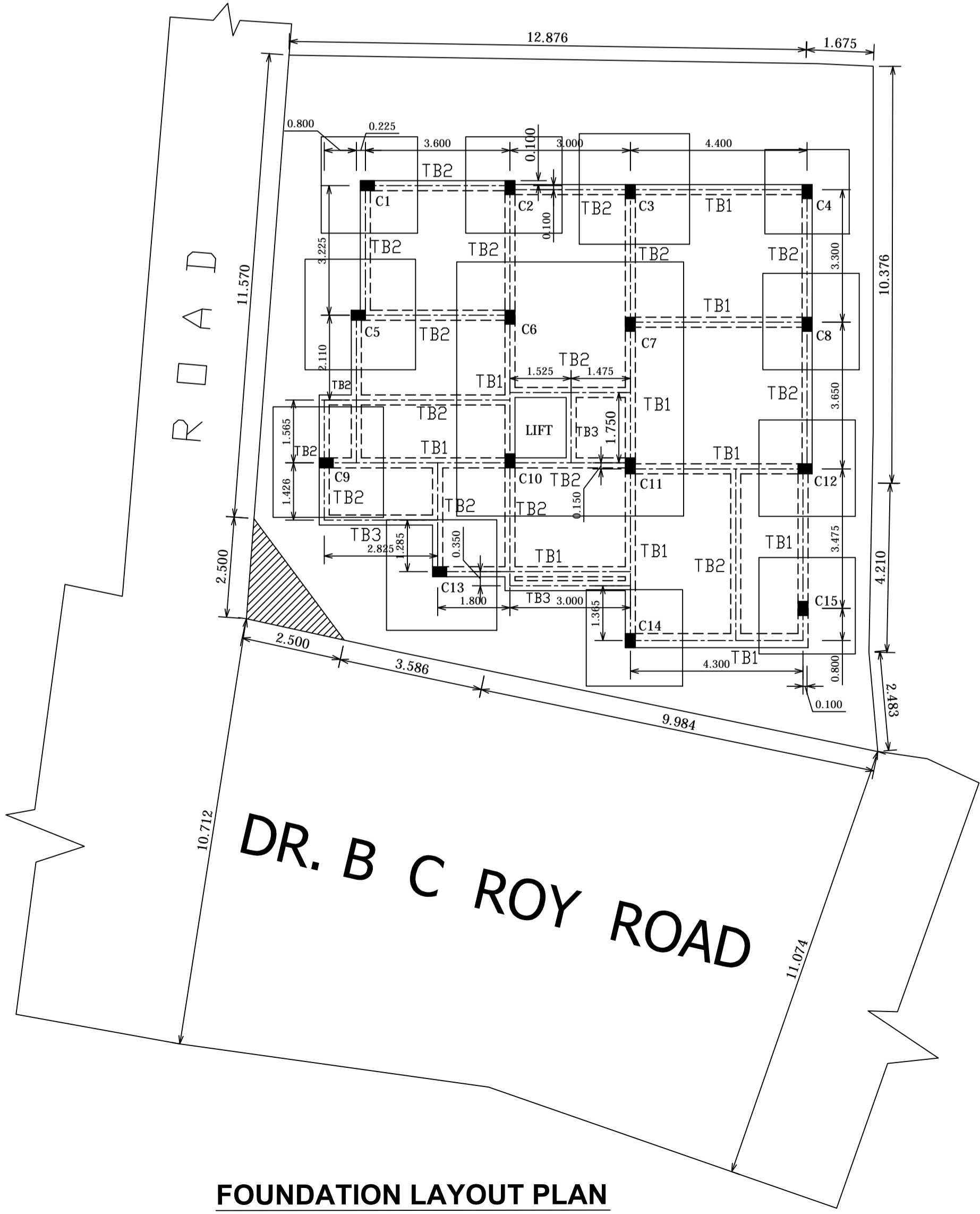
LIFT WITH RAFT FDN SECTION (F8)
(MKD. X)



SLAB BEAM LAYOUT PLAN
SCALE - 1:100



SECTION : A-A
SECTION THRO' F2 UNDER C2



FOUNDATION LAYOUT PLAN
SC=1:100

STRUCTURAL PLAN OF G+III STORED RESIDENTIAL BUILDING AT MOUZA- JAGADDAL, J.L.NO.- 71, R.S. KH.NO.- 972, R.S. DAG NO.- 985, L.R. DAG NO.- 1135, L.R. KH. NO.- 2468, HOLDING NO.- 268, DR. B. C. ROY ROAD (JAGADDAL), WARD NO.- 26, P.S.- SONARPUR, DIST- SOUTH 24 PARGANAS, UNDER RAJPUR SONARPUR MUNICIPALITY.

SPECIFICATOIN:

- ALL DIMENSION ARE IN MM.
- GRADE OF CONCRETE IS M-20, & THAT OF STEEL IS Fe-500
- FOR SPECIFICATION OF MATERIAL & WORKMANSHIP NBC,1984
- ALL BRICKWORK 200MM THICK SHALL BE OF 1ST CLASS BRICK WITH CEMENT SAND MORTER 1:6:1.5.
- MORTER OF RATIO 1:6:1.5 FOR 250, 200, 125 TH. WALLS 1:4 FOR 75 TH. BRICK WORK.
- P.C.C. OR DAMP PROOF COURSE SHALL BE OF P.C.C. OF RATIO 1:2:4 OR DAMP PROOFING COMPOUND.

TERRACE SHALL BE OF SCREED CONCRETE OF RATIO 1:1.5:3
ALL THE STRUCTURAL STEEL SHALL BE YST 210 HFS.

- BOOKS & CODES: I.S.456-1978, I.S.875-1987
S.P.-16 (S&T)-1980
S.P.-24 (S&T)-1983
S.P.-34 (S&T)-1987
I.S.1893-1984, 2002 PART I

DEC. OF GEO - TECHNICAL ENGINEER

UNDER SIGNED HAS INSPECTED THE SITE AND CARRIED OUT SOIL INVESTIGATION THEREON. IT IS CERTIFIED THAT THE EXISTING SOIL OF THE SITE IS ABLE TO CARRY THE LOAD COMING FROM THE PROPOSED CONSTRUCTION AND THE FOUNDATION SYSTEM PROPOSED HEREIN IS SAFE AND STABLE IN ALL RESPECT FROM GEO-TECHNICAL POINT OF VIEW.

KALLOL KR. GHOSHAL
ENLISTMENT NO. - 033/RJPSON/G.T/2019-20
NAME OF GEO TECH

DECL. OF E. S. E.

THE STRUCTURAL DESIGN CALCULATION AND DRAWING OF BOTH FOUNDATION AND SUPER STRUCTURE OF THE BUILDING HAS BEEN MADE BY ME CONSIDERING ALL POSSIBLE LOADS INCLUDING THE SEISMIC LOADS AS PER THE N.B.C. OF INDIA (LATEST REVISION) AND CERTIFIED THAT IT IS SAFE AND STABLE IN ALL RESPECT.

KALLOL KR. GHOSHAL
ENLISTMENT NO. - 019/RJPSON/ESE-II/2018-19
NAME OF E.S.E.

DECL. OF L.B.S.

I, DO HERE BY CERTIFY WITH FULL RESPONSIBILITY THAT THE BUILDING PLAN HAS BEEN DRAWN UP AS PER PROVISION OF R.S.M. BUILDING RUILS 2009, AS AMENDED FROM TIME TO TIME AND THAT THE SITE CONDITION INCLUDING WIDTH OF ABUTTING R.S.M. ROAD CONFORM WITH THE PLAN WHICH HAS BEEN MEASURED AND VERIFIED BY ME. IT IS A BUILDABLE SITE NOT AT TANK OR FILLED UP A LAND. THE LAND IS DEMARCATED WITH BOUNDED BY BOUNDARY WALL. THE CONSTRUCTION OF SEMI U/G WATER TANK AND SEPTIC TANK WILL BE COMPLETED BEFORE STARTING OF BUILDING FOUNDATION WORK.

AMIT SEN
(945/RJPSON/LBS-I/2024-27)
NAME OF L.B.S.

DECL. OF OWNERS.

I, DO HERE BY DECLERE WITH FULL RESPONSIBILITY THAT I WILL ENGAGE L.B.S. AND E.S.E. DURING CONSTRUCTION. I WILL FOLLOW THE INSTRUCTION OF L.B.S. AND E.S.E. DURING CONSTRUCTION OF BUILDING (AS PER B.S. PLAN). B.M. AUTHORITY WILL NOT BE RESPONSIBLE FOR STRUCTURAL STABILITY OF THE BUILDING. IF ANY SUBMITTED DOCUMENTS ARE FOUND TO BE FAKE, THE B.M. AUTHORITY WILL REVOLVE THE SANCTION PLAN. THE CONSTRUCTION OF SEMI U/G WATER RESERVOIR AND SEPTIC TANK WILL BE UNDERTAKEN UNDER THE GUIDANCE OF L.B.S. / E.S.E. BEFORE STARTING OF BUILDING FOUNDATION WORK. IF ANYDISPUTE ARISES IN FUTURE REGARDING OWNERSHIP THE B.M. AUTHORITY WILL NOT BE RESPONSIBLE AND WILL REVOLVE SANCTION PLAN. EX. STRUCTURE TO BE DEMOLISHED BEFORE STARTING CONSTRUCTION WHICH IS FULLY OCCUPIED BY OWNER & THERE IS TENANTED.

M/S. DAFFODIL REALITY (ILA ROY & SUBHASHIS ROY)
C.A. OF SRI NABO KUMAR CHAKRABORTY
SIGNATURE OF OWNER.

OFFICE USE :

