

BEAM MARKED	SIZE		SUPPORT REINFORCEMENT		SPAN REINFORCEMENT		STIRRUP
	B	D	TOP	BOTTOM	TOP	BOTTOM	
B1	250	400	3-T16 +3-T16	3-T16	3-T16	3-T16 +3-T16	2L-T8@150 C/C
B2	250	350	2-T16 +2-T16	2-T16	2-T16	2-T16 +2-T16	2L-T8@150 C/C
TIE BEAM	250	350	3-T16	2-T16	2-T16	3-T16	2L-T8@150 C/C

FLOOR SLAB SCHEDULE

SLAB MARKED	SLAB THICKNESS	REINFORCEMENT	
		SHORTER DIRECTION	LONGER DIRECTION
S1	120	T8 @ 125 C/C	T8 @ 125 C/C
S2	100	T8 @ 125 C/C	T8 @ 150 C/C

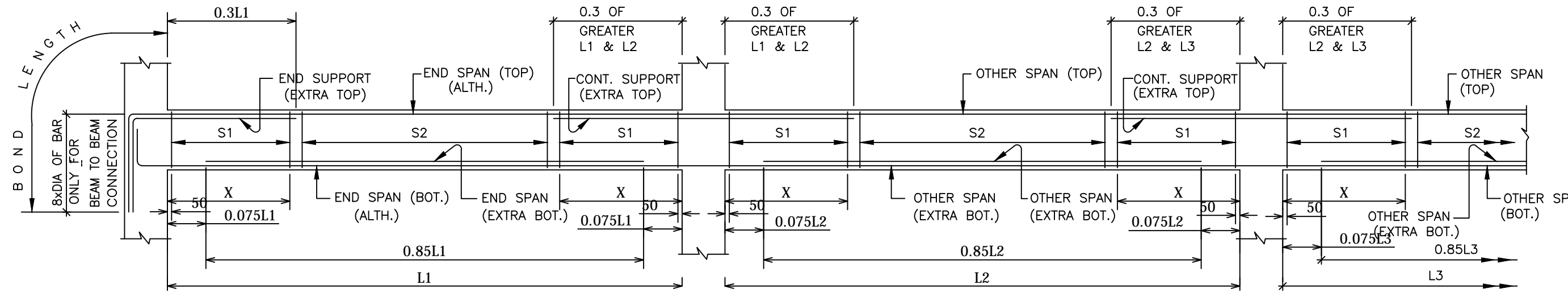
FOUNDATION SCHEDULE

FDN MARKED	COLUMN MARKED	SIZE	DEPTH	PEDESTAL SIZE	REINFORCEMENT	
					SHORTER DIRECTION	LONGER DIRECTION
F1	C1,C6,C20,C26	2400X2400	250 TO 450	400X550	T12 @ 150 C/C	T12 @ 150 C/C
F2	C2,C3,C4,C5,C7,C12,C13,C19	2500X2500	250 TO 450	400X550	T12 @ 125 C/C	T12 @ 125 C/C
F3	C18,C11	2600X2600	250 TO 500	400X550	T12 @ 115 C/C	T12 @ 115 C/C

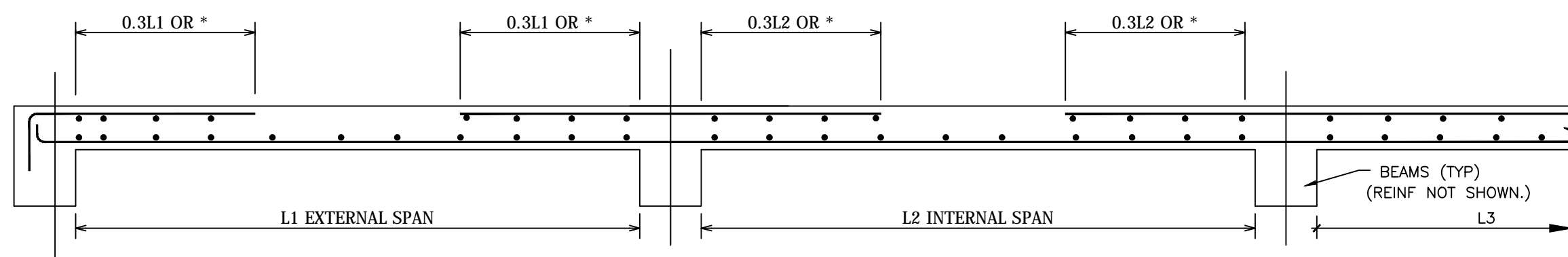
COLUMN SCHEDULE

COLUMN MARKED	SIZE	REINFORCEMENT	
		IN ALL FLOOR	UPTO 2ND FL. & 2ND & 3RD FL.
C1, C6, C20, C26	250X400	8-T16 T8@175 C/C	4-T16+4-T12 T8@175 C/C
C8 TO C11, C22, C23, C14 TO C18, C24	250X400	10-T16 T8@175 C/C	8-T16 T8@175 C/C
ALL OTHERS	250X400	8-T16+2-T12 T8@115 C/C	8-T16 T8@175 C/C

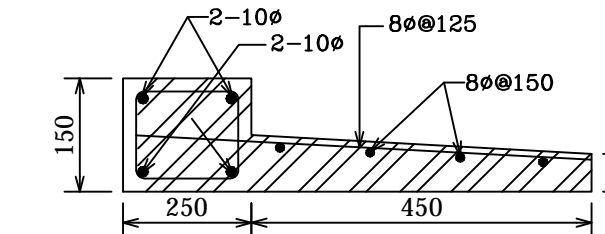
COLUMN MARKED	FOOTING MARKED	DIMENSION OF FOUNDATION				SLAB REINFORCEMENT								
		L X B	SLAB END	SLAB MID	WIDTH OF BEAM	DEPTH OF BEAM	BEAM MKD.	SUPPORT TOP	MID SPAN TOP	STIRRUP				
(C14 + C21) (C18 + C25)	SF1	2200X5000	250	250	500	675	SF B1	4-T16	7-T16	4-T16 +3-T16	4-T16	4L-T8 @150 C/C	T12 @125 C/C	T10 @125 C/C
C9 + C10	SF2	2200X7650	250	250	500	675	SF B2	4-T16	7-T16	4-T16 +3-T16	4-T16	4L-T8 @150 C/C	T12 @125 C/C	T10 @125 C/C
C15, C16, C17, C22, C23, C24	SF3	7650X5000	400	400	500	675	----	----	----	----	----	T12 @125 C/C	T12 @125 C/C	DOUBLE LAYER



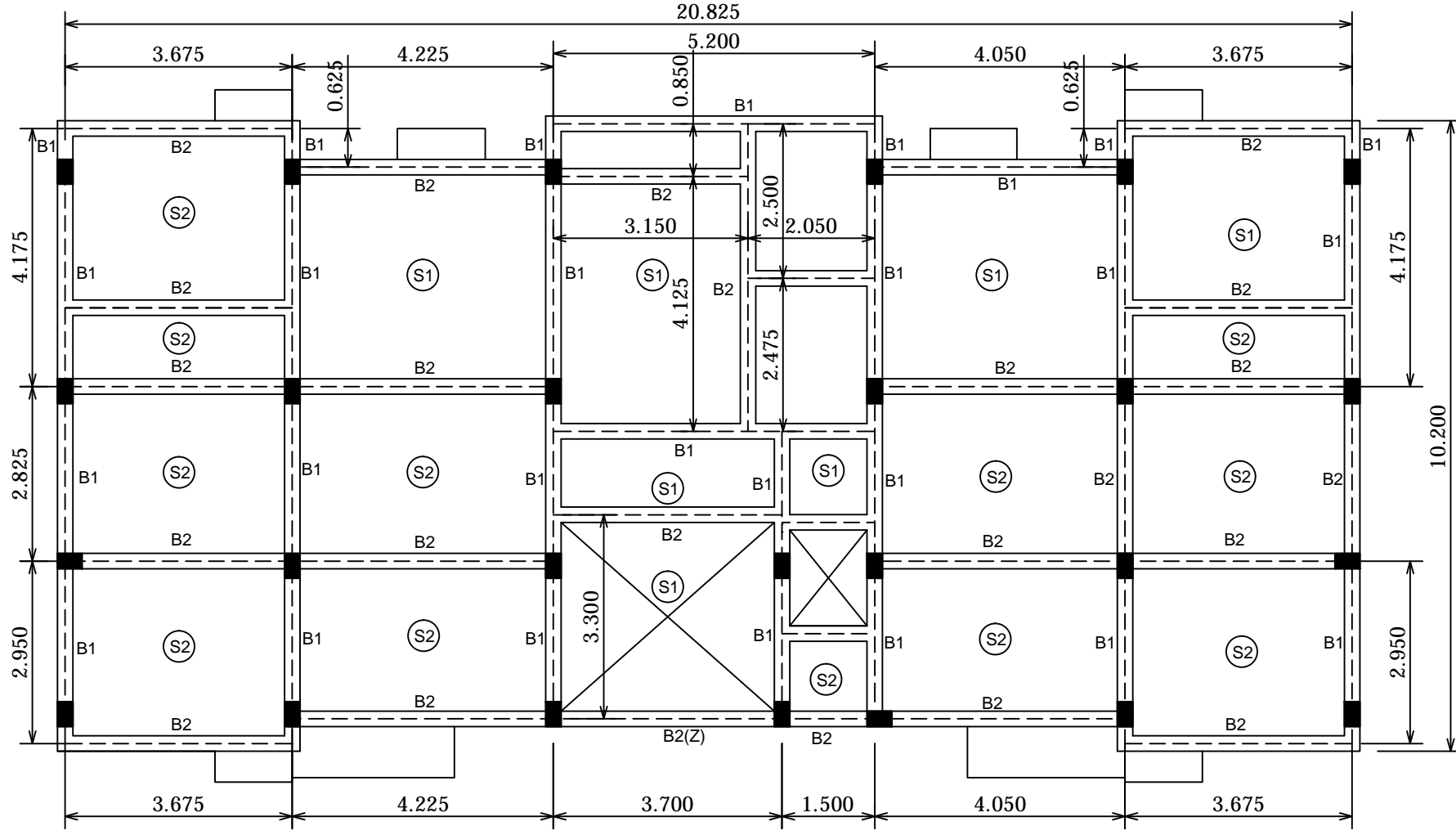
CURTAILMENT DETAILS FOR BEAM



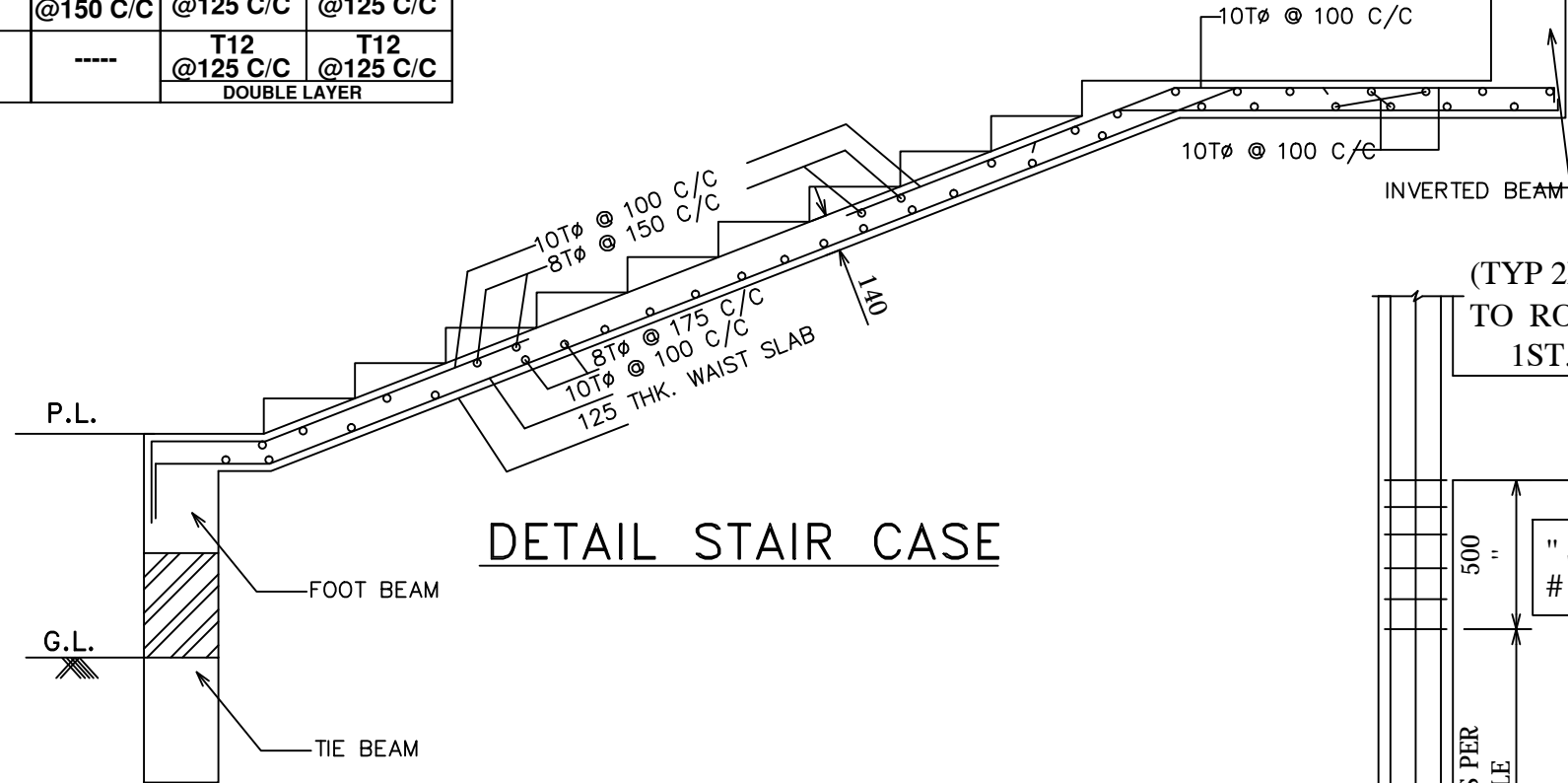
TYPICAL DETAILS OF SLABS



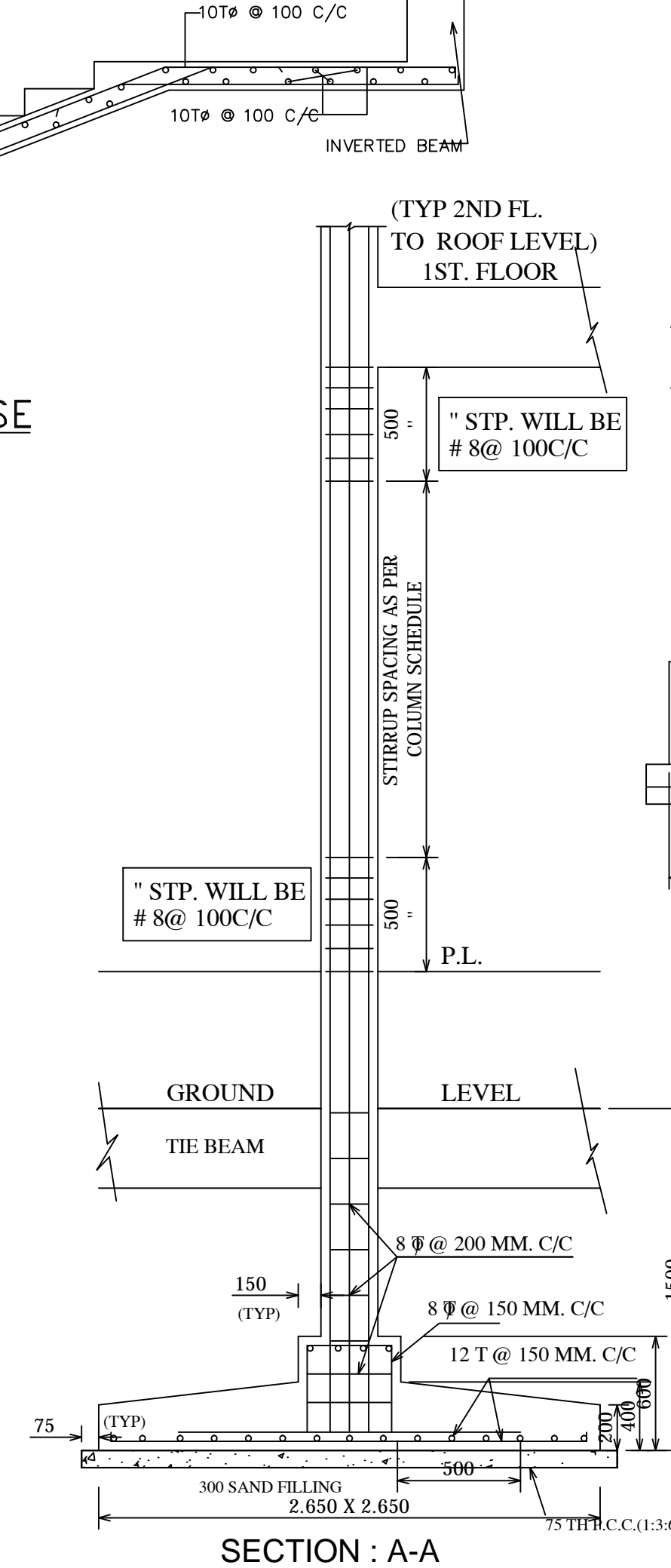
C/S OF LINTEL CHAJJA



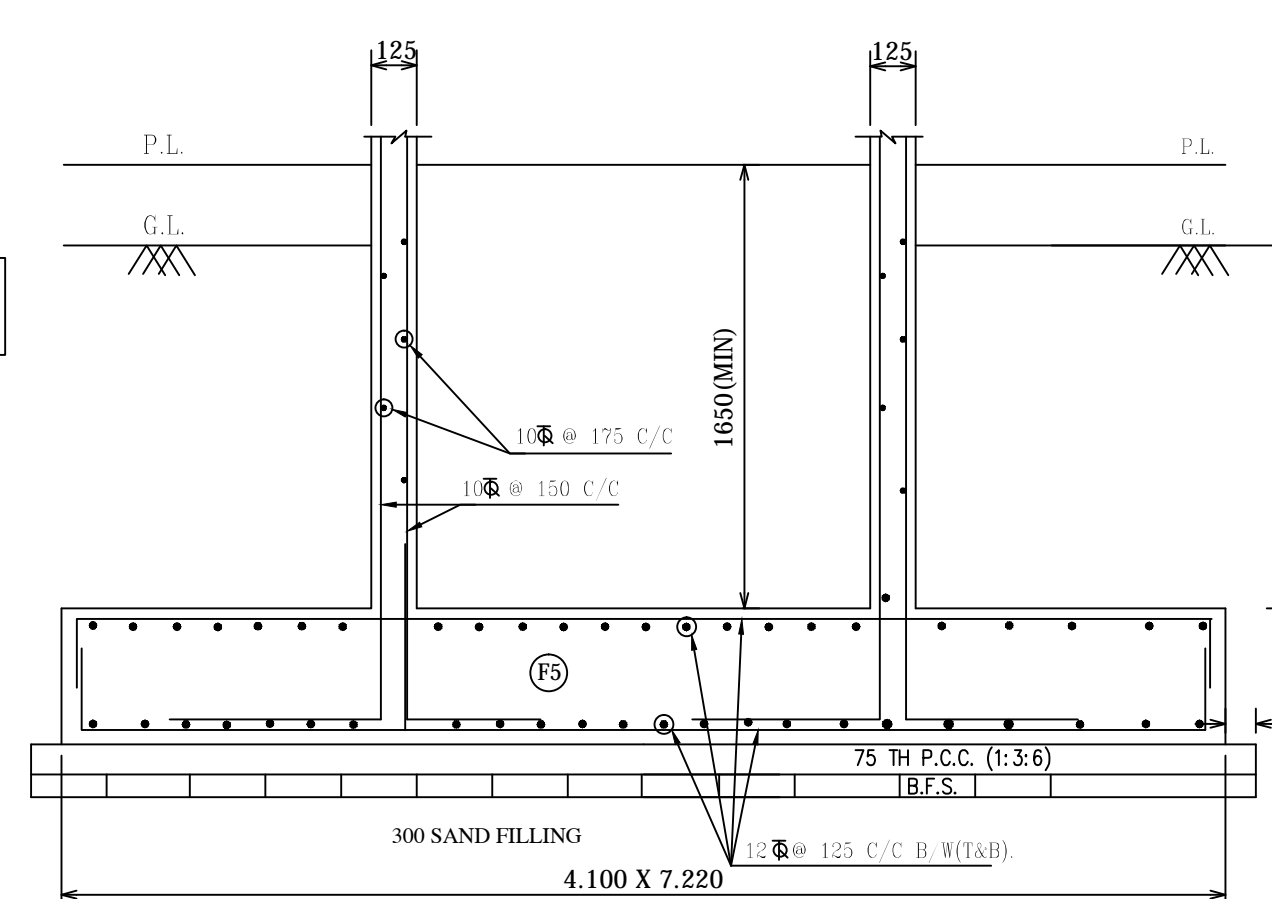
TYPICAL FLOOR (1ST TO 3RD) BEAM LAYOUT



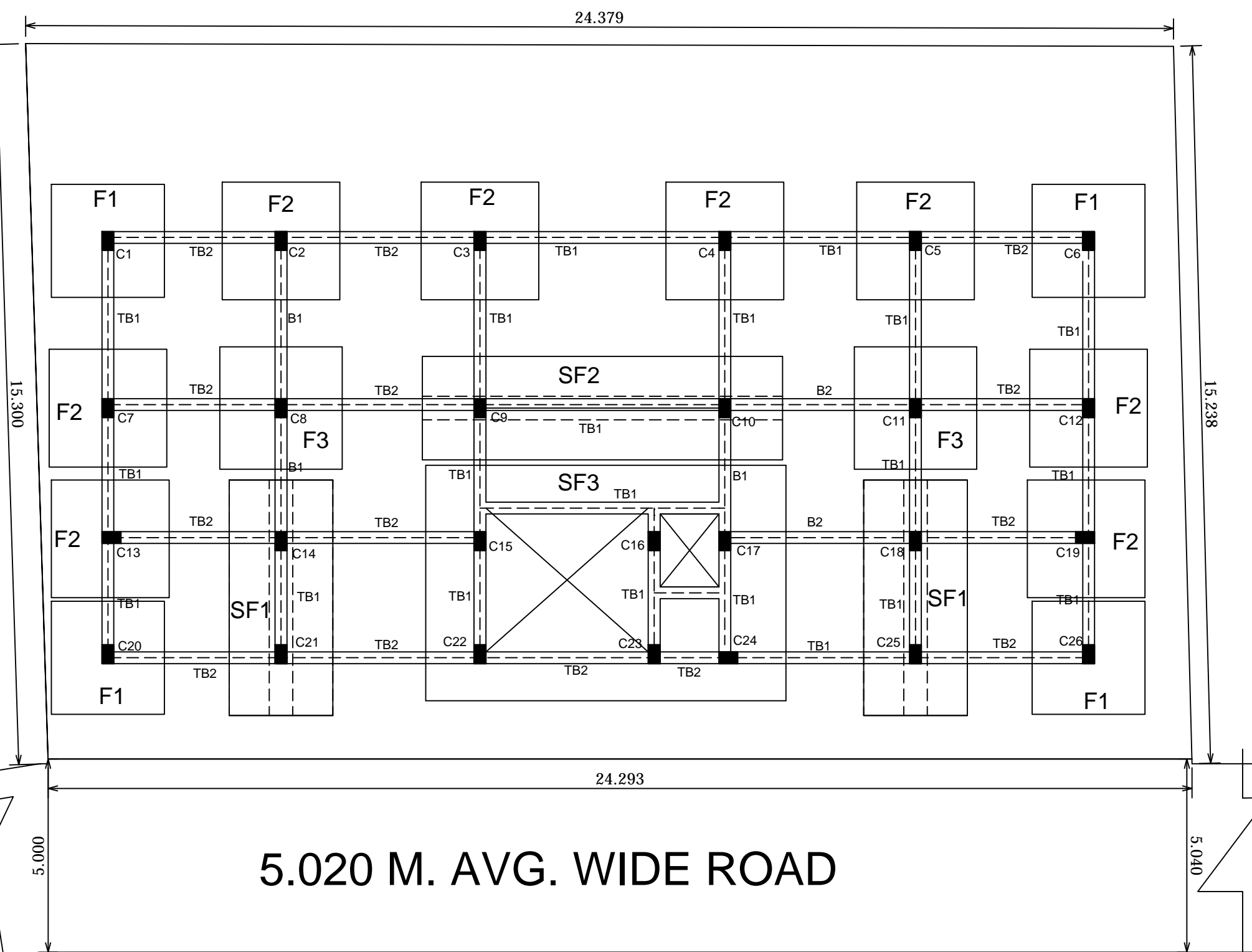
DETAIL STAIR CASE



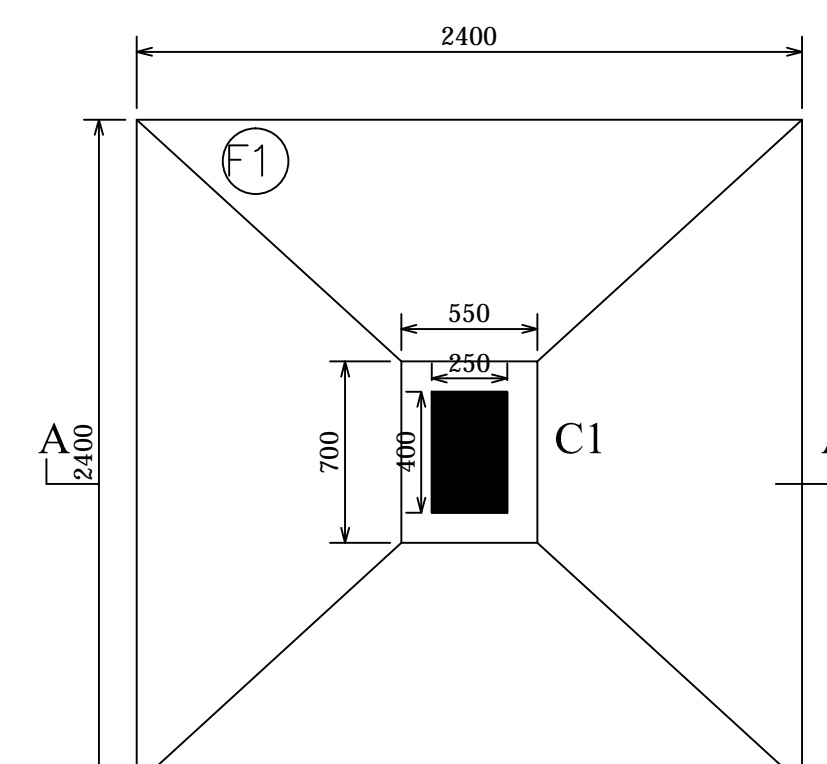
SECTION : A-A



LIFT WITH RAFT FDN SECTION (SF3)



FOUNDATION LAYOUT & TIE-BEAM PLAN



SECTION THRO' F1 UNDER C1

COL. MKD.	COLUMN SIZES WITH REINFORCEMENTS		STIRRUPS
	FROM END TO 2ND FLOOR	FROM 2ND FLOOR TO ROOF	
C1, C3, C6, C7, C17	250 X 400 6-16T + 2-12T	250 X 400 6-16T	8T@175 MM. C.C.
C2, C4, C5, C8, C9, C11, C12, C14, C15	250 X 400 12-16T + 2-12T	250 X 400 12-16T	8T@175 MM. C.C.
C10, C16	250 X 500 12-20T	250 X 500 10-20T	8T@175 MM. C.C.
C13	250 X 500 10-20T	250 X 500 8-20T	8T@175 MM. C.C.

STRUCTURAL PLAN OF G+III STORIED RESIDENTIAL BUILDING (HEIGHT 12.5 M.) SANCTIONED NO.- 87/CB/28/58 DATED - 10/07/2019 OF SRI SUMIT KUMAR ROY & OTHERS AT R.S. DAG NO.- 1686, 1687 & 1691; R.S. KHATIAN NO.- 935, 1133 & 1317; J.L. NO.- 47; MOUZA-BARHANS FARTABAD; HOLDING NO.- 1148, MAHAMAYATALA; WARD NO.- 28; P.S.- NARENDRAPUR (OLD SONARPUR); DIST.- 24 PARGANAS(S) UNDER RAJPUR SONARPUR MUNICIPALITY.

SPECIFICATON:

- 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

DECL. 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.

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

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.

KALLOI 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 K.M.C. BUILDING RUIL'S 2009. AS AMENDED FROM TIME TO TIME AND THAT THE SITE CONDITION INCLUDING WIDTH OF ABUTTING R.S.M. ROAD, CNFRDM 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 WRK.

KALLOI KR. GHOSHAL
ENLISTMENT NO. - 898/RJPSON/EBS-I/2018-19
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 REVOKE 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 WRK. IF ANYDISPUTE ARISES IN FUTURE REGARDING OWNERSHIP THE B.M. AUTHORITY WILL NOT BE RESPONSIBLE AND WILL REVOKE SANCTION PLAN. EX. STRUCTURE TO BE DEMOLISHED BEFORE STARTING CONSTRUCTION WHICH IS FULLY OCCUPIED BY OWNER & THERE IS TENANTED.

RAMESH CHAND SINGHAL AS C.A OF SRI SUMIT KUMAR ROY & SMT. SWAPNA ROY
NAME OF OWNERS

SPACE FOR OFFICE USE :

