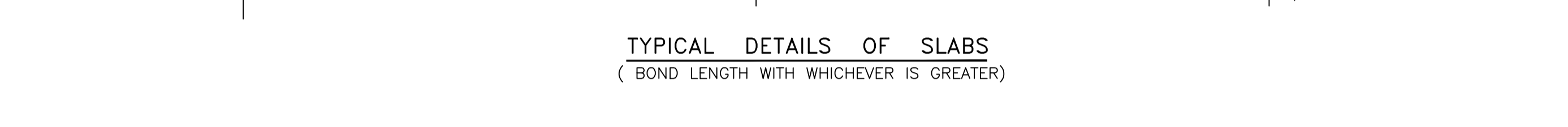
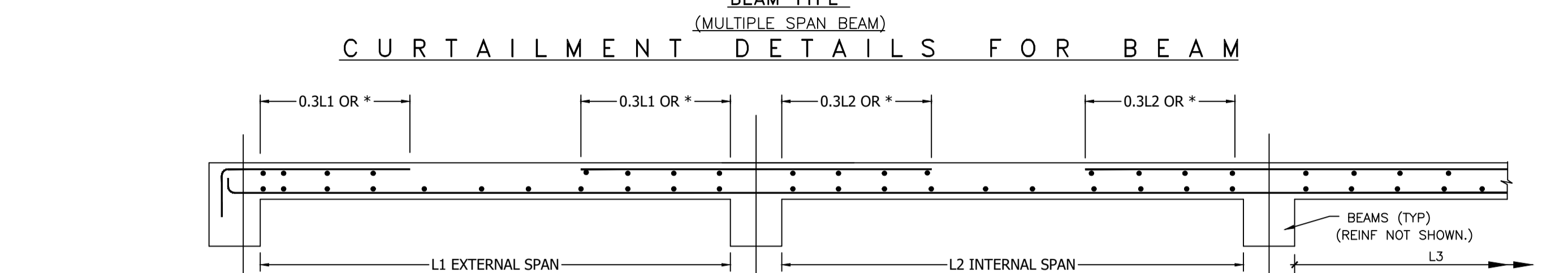
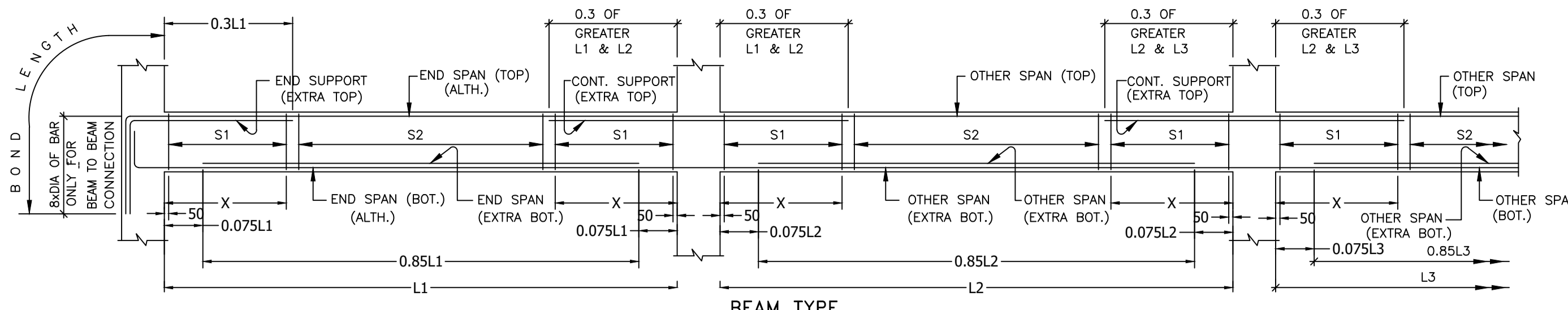
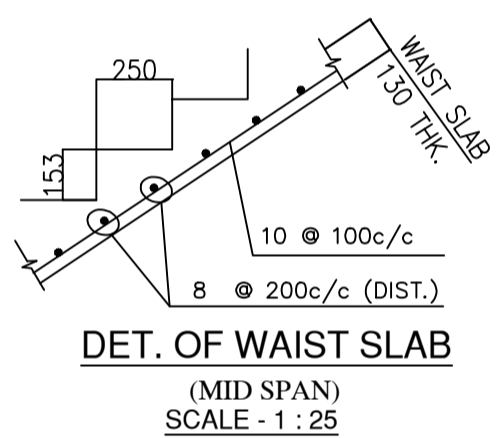


SCHEDULE OF FOOTING						
FOOTING MKD.	UNDER COLUMN	BASE SIZE	DEPTH OF BASE AT FACE (a)	DEPTH OF BASE AT EDGE (b)	PEDESTAL SIZE	REINFORCEMENT OF BASE
F1	C1, C4, C11, C12, C13.	1900x1900	300	150	550x650x200 5 NOS 8# T1 BAR B/W 2L 8# @ 150 c/c	12# @ 165 c/c 12# @ 165 c/c
F2	C2, C3, C5, C8, C9, C14.	2350x2350	350	175	550x650x200 5 NOS 8# T1 BAR B/W 2L 8# @ 150 c/c	12# @ 150 c/c 12# @ 150 c/c
F3	C6, C7, C10.	2625x2625	400	200	550x700x200 5 NOS 8# T1 BAR B/W 2L 8# @ 150 c/c	12# @ 125 c/c 12# @ 125 c/c

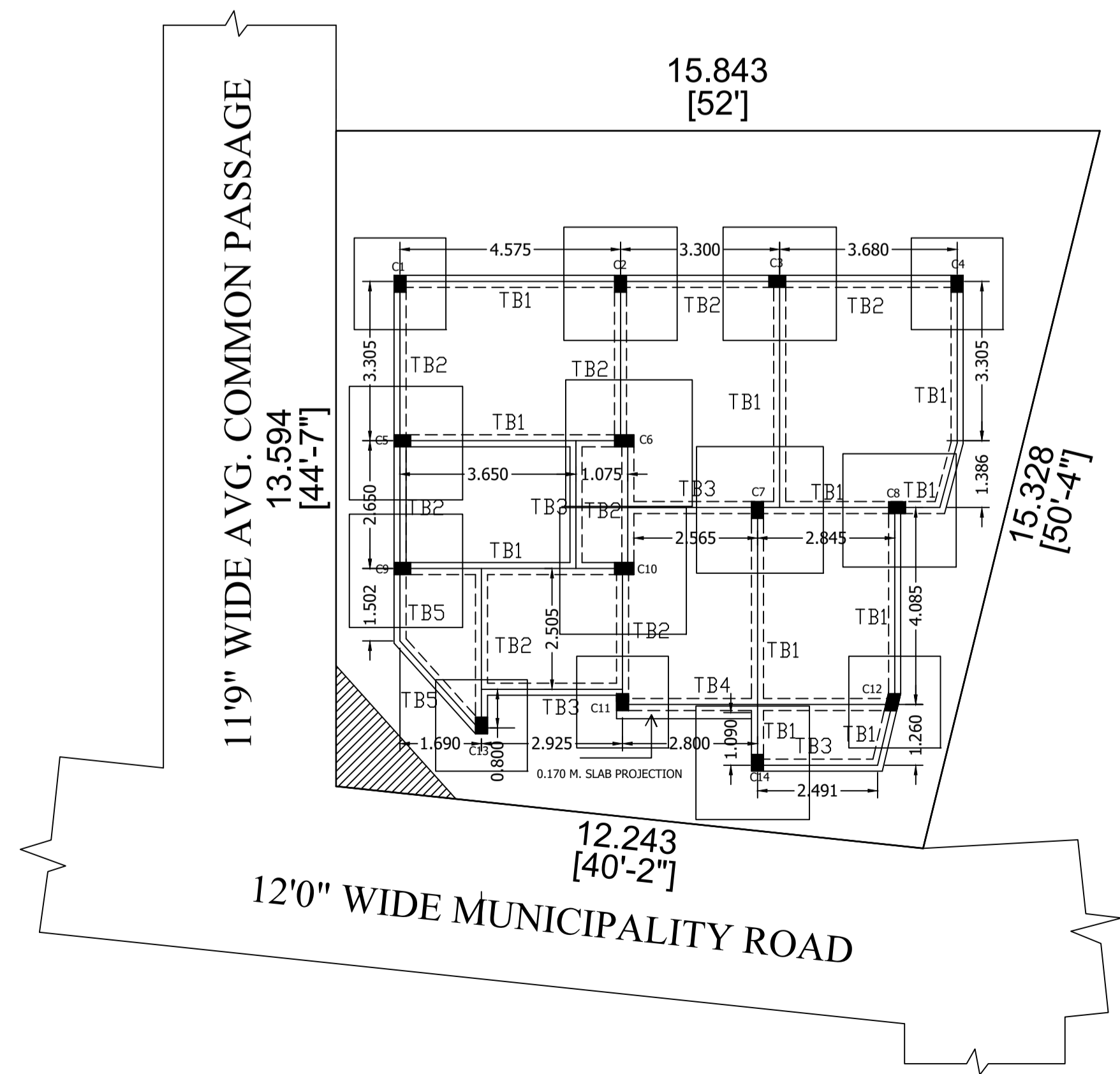
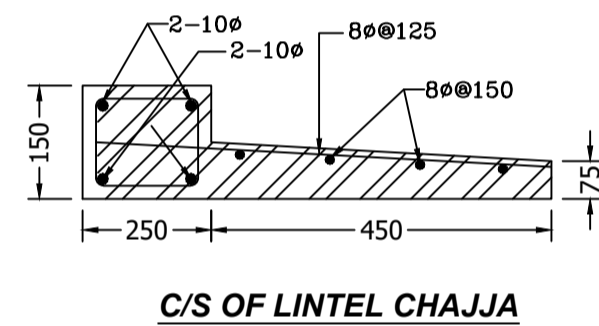
DEPTH OF EXCAVATION FROM EGL. 1.375 M. DEPTH OF FOOTING FROM EGL. 1.2 M. BELOW FOUNDATION.

SCHEDULE OF BEAM								
BEAM MKD.	SIZE (WxH)	LONGITUDINAL REINFORCEMENT						STIRRUPS
		AT MID SPAN		CANTI. SUPPORT		END SUPPORT		
B1	250x400	3-16 #	3-16 #	2-16 #	2-16 #	3-16 #	3-16 #	2L8 # @ 150c/c
B2	250x350	2-16 #	2-16 #	2-16 #	2-16 #	2-16 #	2-16 #	2L8 # @ 150c/c
B3	250x300	2-12 #	2-12 #	2-12 #	2-12 #	2-12 #	2-12 #	2L8 # @ 150c/c
B4	250x500	3-20 #	3-20 #	3-20 #	3-20 #	3-20 #	3-20 #	2L10 # @ 150c/c
B5	250x400	4-16 #	4-16 #	4-16 #	4-16 #	4-16 #	4-16 #	2L8 # @ 150c/c
B6	250x350	2-16 #	2-16 #	2-16 #	2-16 #	2-16 #	2-16 #	2L8 # @ 150c/c
B7	250x350	2-16 #	2-16 #	2-16 #	2-16 #	2-16 #	2-16 #	2L8 # @ 150c/c
TB1	250x350	2-12 #	2-12 #	2-12 #	2-12 #	2-12 #	2-12 #	2L8 # @ 150c/c
TB2	250x300	2-12 #	2-12 #	2-12 #	2-12 #	2-12 #	2-12 #	2L8 # @ 150c/c
TB3	250x300	2-12 #	2-12 #	2-12 #	2-12 #	2-12 #	2-12 #	2L8 # @ 150c/c
TB4	250x350	3-12 #	3-12 #	—	—	3-12 #	3-12 #	2L8 # @ 150c/c
TB5	250x350	4-12 #	4-12 #	4-12 #	4-12 #	4-12 #	4-12 #	2L8 # @ 150c/c

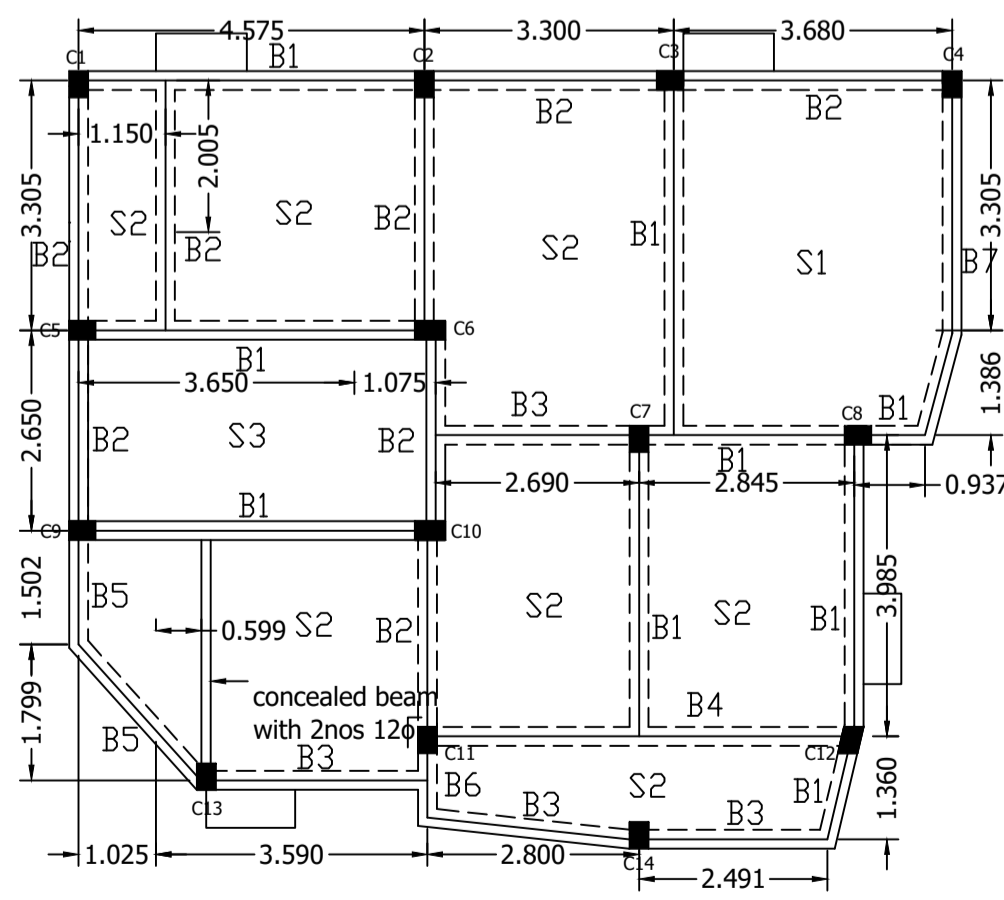
SCHEDULE OF SLAB			
SLAB MKD.	OVERALL DEPTH (mm)	SUPPORT STEEL	SPAN STEEL
S1	110TH.	8 # @ 150 c/c	8 # @ 300 c/c
S2	100TH.	8 # @ 150 c/c	8 # @ 300 c/c
S3 STAIR	125TH.	10 # @ 100c/c	10 # @ 100c/c



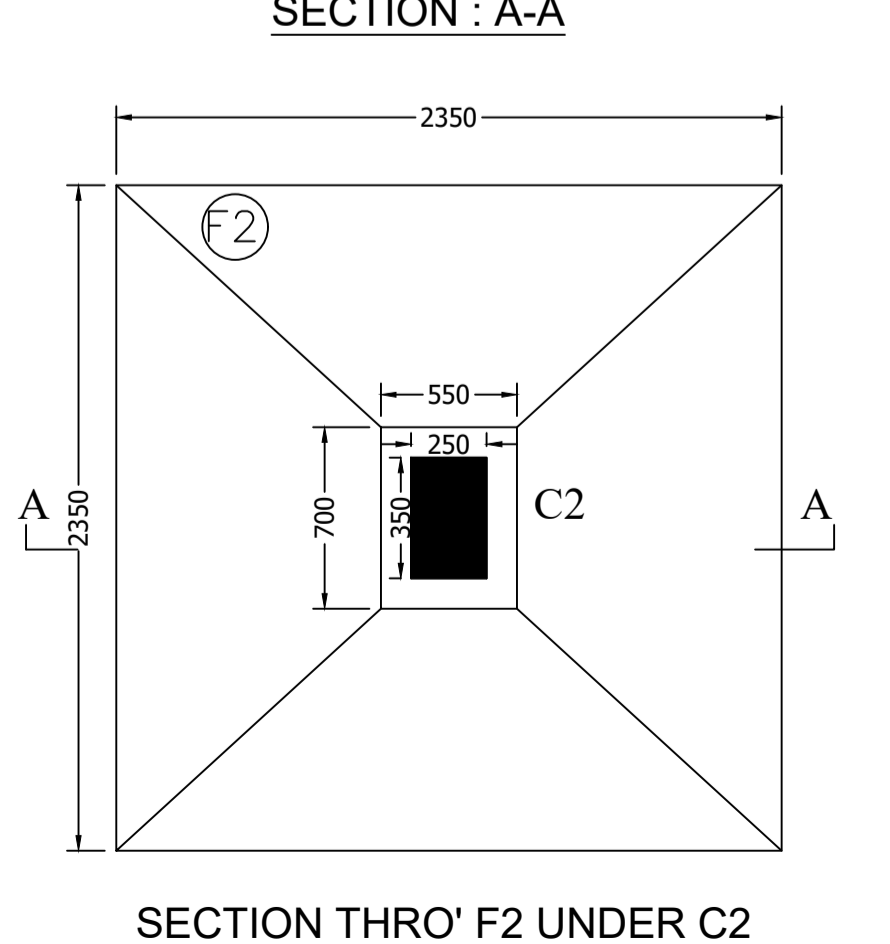
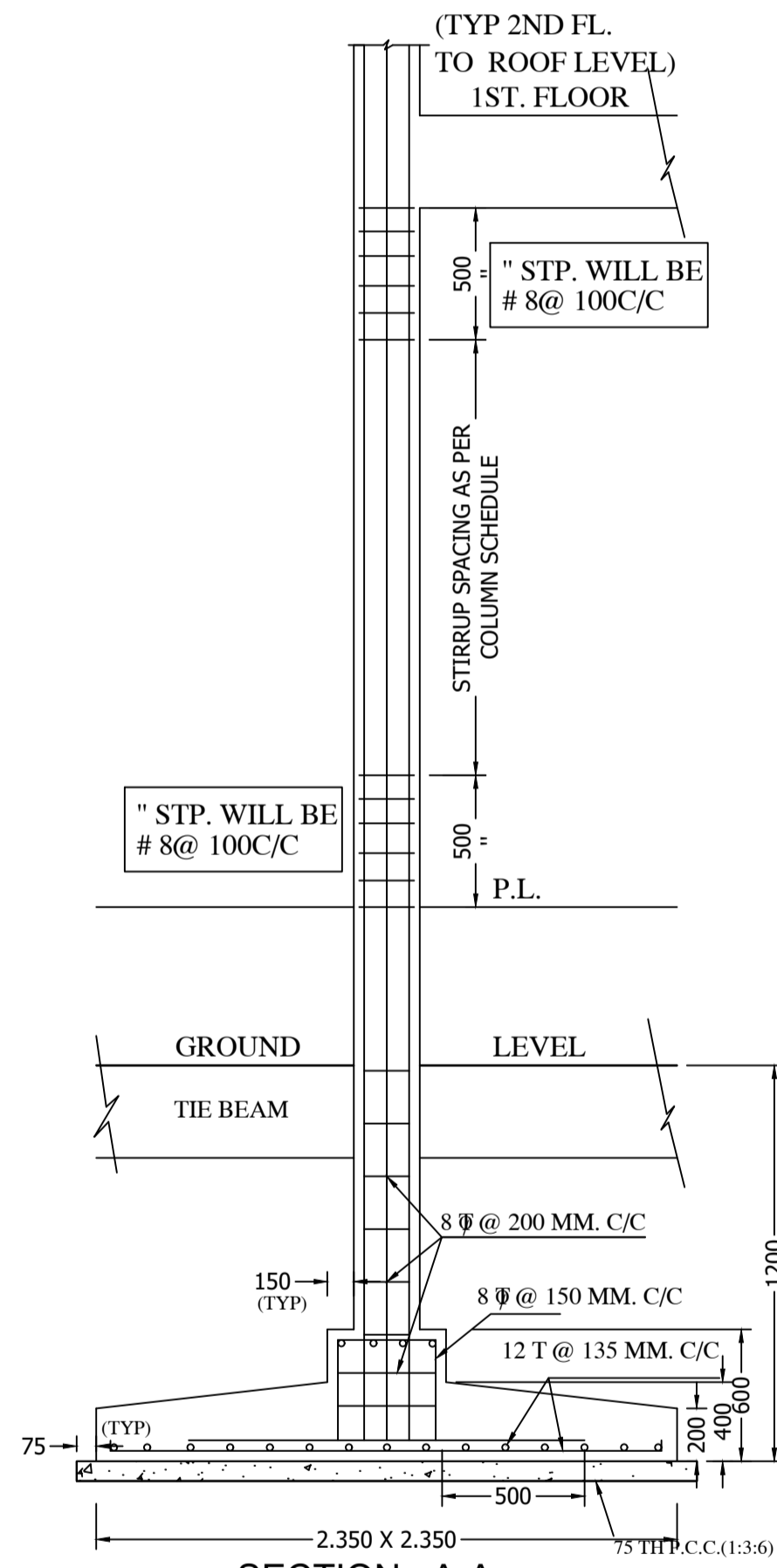
SCHEDULE OF COLUMNS			
COL. MKD.	FROM FND. TO 2ND. FLOOR	FROM 2ND. FLOOR TO ROOF	STIRRUPS
C1, C2, C3, C4, C5, C8, C9, C11, C12, C13, C14.	250 X 350 6-16 T	250 X 350 4-16 T + 2-12 T	8 T @ 175 MM. C.C.
C6, C7, C10.	250 X 400 8-16 T + 2-12 T	250 X 400 8-16 T	8 T @ 175 MM. C.C.



FOUNDATION LAYOUT PLAN  
SC=1:100



SLAB BEAM LAYOUT PLAN  
SCALE - 1:100



SECTION THRO' F2 UNDER C2

**STRUCTURAL PLAN OF THREE STORIED RESIDENTIAL BUILDING OF MR. DHEERAJ LALWANI AT R.S. DAG NO.- 2725; R.S. KHATIAN NO.- 724; L.R. DAG NO.- 2741; L.R. KHATIAN NO.- 30468; J.L. NO.- 41; MOUZA- KAMRABAD; HOLDING NO.- 909, KAMRABAD; WARD NO.- 09; P.S.- SONARPUR; DIST.- SOUTH 24 PARGANAS UNDER RAJPUR SONARPUR MUNICIPALITY.**

**SPECIFICATOIN:**

1. ALL DIMENSION ARE IN MM.
2. GRADE OF CONCRETE IS M-20, & THAT OF STEEL IS Fe-500
3. FOR SPECIFICATION OF MATERIAL & WORKMANSHIP NBC, 1984
4. ALL BRICKWORK 200MM THICK SHALL BE OF 1ST CLASS BRICK WITH CEMENT SAND MORTER 1:6:1.5.
5. MORTER OF RATIO 1:6:1.5 FOR 250, 200, 125 TH. WALLS 1:4 FOR 75 TH. BRICK WORK.
6. 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.7/2019-20  
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-1/2024-27)  
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 REVVOKE 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.

DHEERAJ LALWANI  
SIGNATURE OF OWNER.

**OFFICE USE :**

