

SPECIFICATIONS:-

- DEPTH OF FOUNDATION IS AT 1.70 M. BELOW G.L.
- SAFE BEARING CAPACITY OF SOIL IS AS PER SOIL TEST REPORT.
- GRADE OF CONC. IS M-20 AND GRADE OF STEEL IS F-500.
- CLEAR COVER TO MAIN REIN. IS AS PER BELOW :-
 - PILE CAP - 50 MM. b). COLUMN - 40 MM.
 - SLAB - 15 MM. c). BEAM - 25 MM.
- LAP LENGTH SHOULD BE 50D, WHERE 'D' IS THE DIAMETER OF THE BAR
- MIX OF P.C.C. SHALL BE 1:3:6

OWNER'S DECLARATION:-
 I/WE DO HEREBY DECLARE WITH FULL RESPONSIBILITY THAT I/WE SHALL ENGAGE L.B.A. & E.S.E. DURING CONSTRUCTION OF THE BUILDING (AS PER CONSTRUCTION) K.M.C. AUTHORITY WILL NOT BE RESPONSIBLE FOR STRUCTURAL STABILITY OF THE BUILDING & ADJOINING STRUCTURE IF ANY SUBMITTED DOCUMENTS ARE FOUND TO BE FAKE. THE K.M.C. AUTHORITY WILL REVOKE THE SANCTION PLAN, THE CONSTRUCTION OF WATER RESERVOIR AND SEPTIC TANK WILL BE UNDER TAKEN UNDER THE GUIDANCE OF E.S.E. / L.B.A. BEFORE STARTING OF BUILDING FOUNDATION WORK.

CERTIFICATE OF ARCHITECT:-
 CERTIFIED WITH FULL RESPONSIBILITY THAT THE BUILDING PLAN HAS BEEN DRAWN UP AS PER PROVISION OF KOLKATA MUNICIPAL CORPORATION BUILDING RULES, 2009, AS AMENDED FROM TIME TO TIME & THAT THE SITE AND VERIFIED BY ME IT IS A BUILDABLE SITE & NOT A FILLED UP TANK. THE LAND IS DEMARCATED BY BOUNDARY WALL, THE CONSTRUCTION OF U.G. WATER TANK AND SEPTIC TANK WILL BE COMPLETED BEFORE STARTING OF BUILDING FOUNDATION WORK.

SIGNATURE OF OWNER / AUTHORITY
 MR. BANDHAN LAL DAS
 DIRECTOR OF M/S. PABA REALTY INDIA PVT.LTD.,
 MR. DEBARAJA MUKHERJEE, MR. SUBRATA MUKHERJEE,
 MR. ANIMESH MUKHERJEE & MR. ALOKE MUKHERJEE

SIGNATURE OF ARCHITECT
 ARCHITECT A. DAS
 REGISTERED ARCHITECT
 REG. NO. CA / 2007 / 28655.

CERTIFICATE OF STRUCTURAL ENGINEER:-
 THE STRUCTURAL DESIGN & DRAWINGS OF BOTH FOUNDATION & SUPERSTRUCTURE OF THE BUILDING HAS BEEN PREPARED BY ME CONSIDERING ALL POSSIBLE LOADS INCLUDING THE SEISMIC LOAD AS PER NATIONAL BUILDING CODE OF INDIA & THE FOUNDATION IS CAPABLE OF TAKING THE LOAD. CERTIFIED THAT IT IS SAFE & STABLE IN ALL RESPECTS.

SIGNATURE OF STRUCTURAL ENGINEER
 MR. SUVANNAK CHAUDHURI
 STRUCTURAL ENGINEER (ESE / 11/215)

SIGNATURE OF GEO-TECHNICAL ENGINEER:-
 UNDERSIGNED HAS INSPECTED THE SITE CARRIED OUT THE SOIL INVESTIGATION THEREIN. 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 THEREIN IS SAFE AND STABLE IN ALL RESPECT FROM GEO - TECHNICAL POINT OF VIEW.

SIGNATURE OF GEO-TECHNICAL ENGINEER
 MR. RIPAK KUMAR BANERJEE
 GEO - TECHNICAL CONSULTANT (GT / 11/3, K. M. C.)

PROJECT:- [PLAN CASE NO. 2019100227 DATE:]
PROPOSED GROUND + THREE STORIED [12.450 METER HEIGHT] RESIDENTIAL BUILDING AT PREMISES NO. 100 C, RAJA SUBODH CHANDRA MULLICK ROAD, P. S. NETAJI NAGAR, WARD NO. 100, KOLKATA 700 047 UNDER BOROUGH X [K. M. C.] AS PER U / S 393 A OF K.M.C. BUILDING RULES 2009 & K.M.C. ACT 1980.

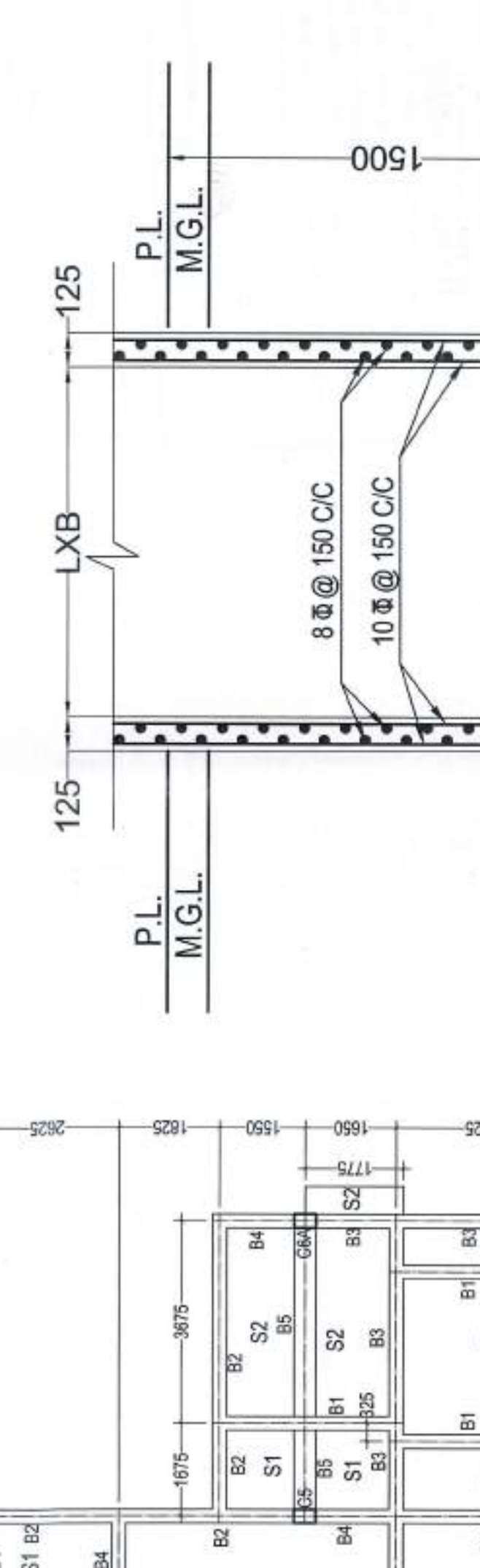
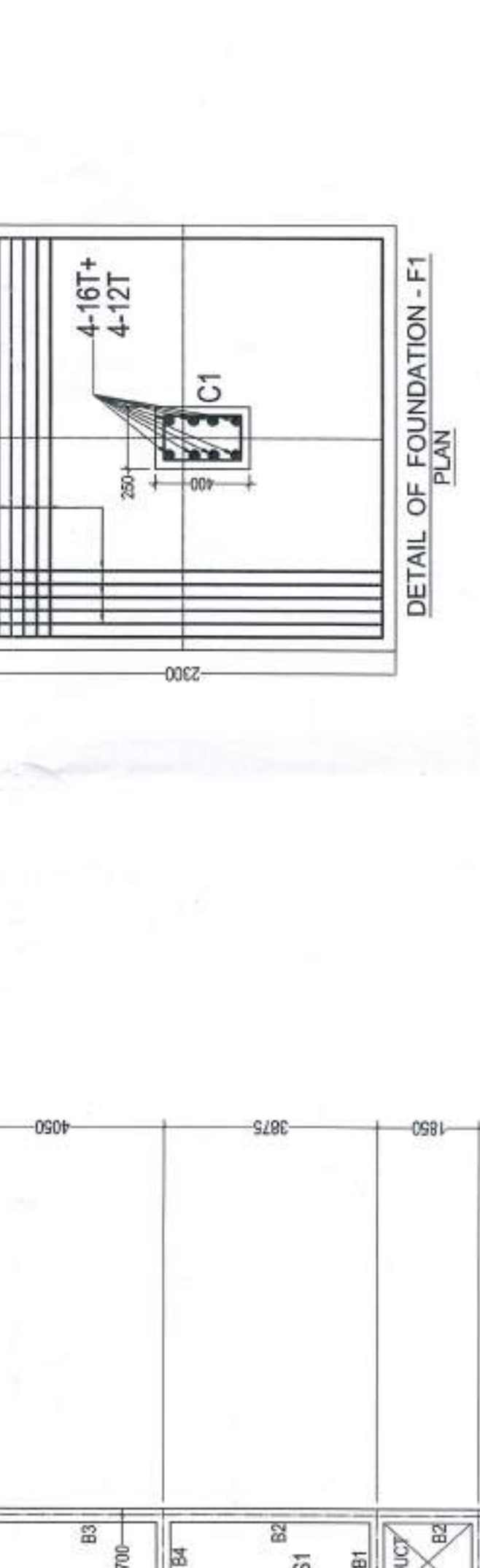
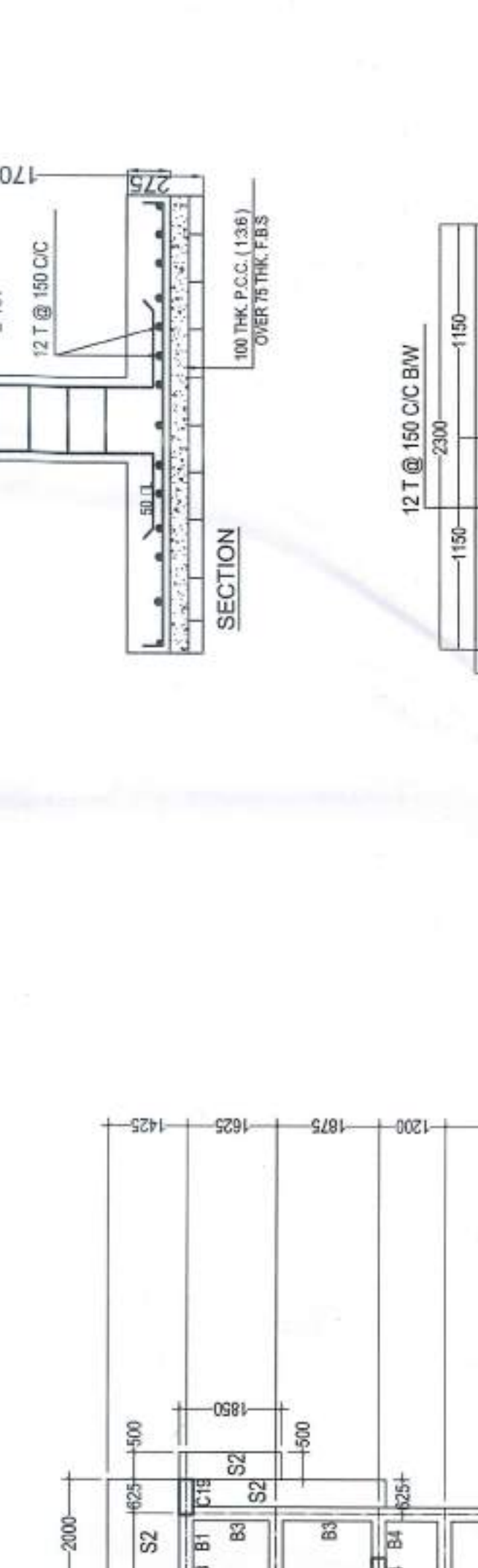
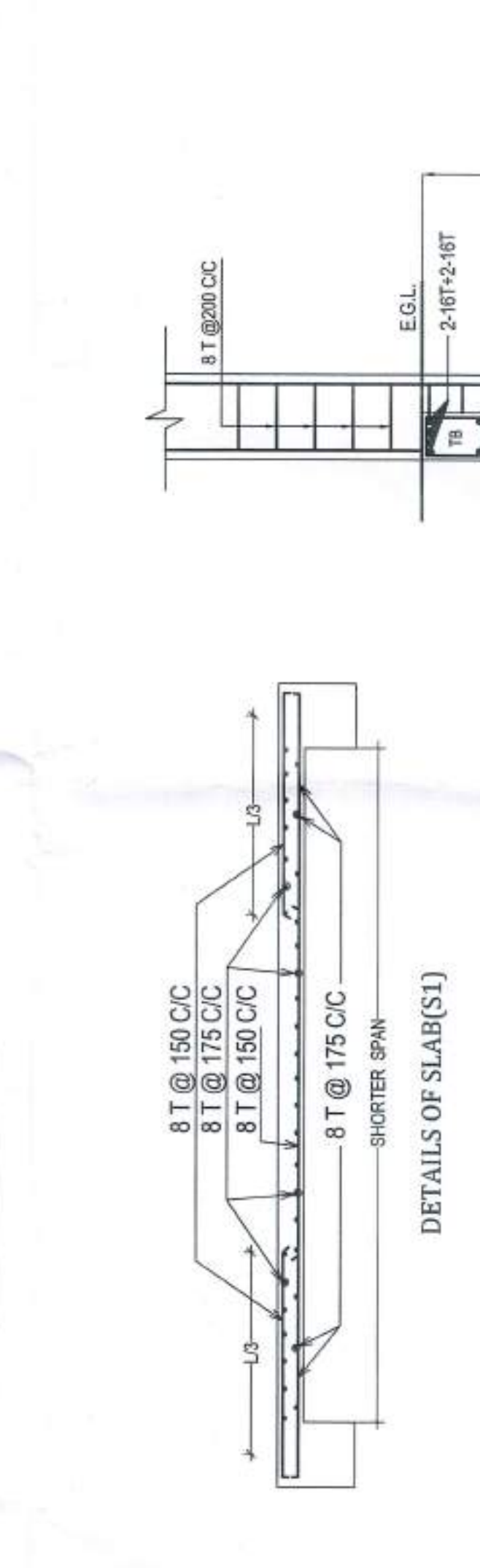
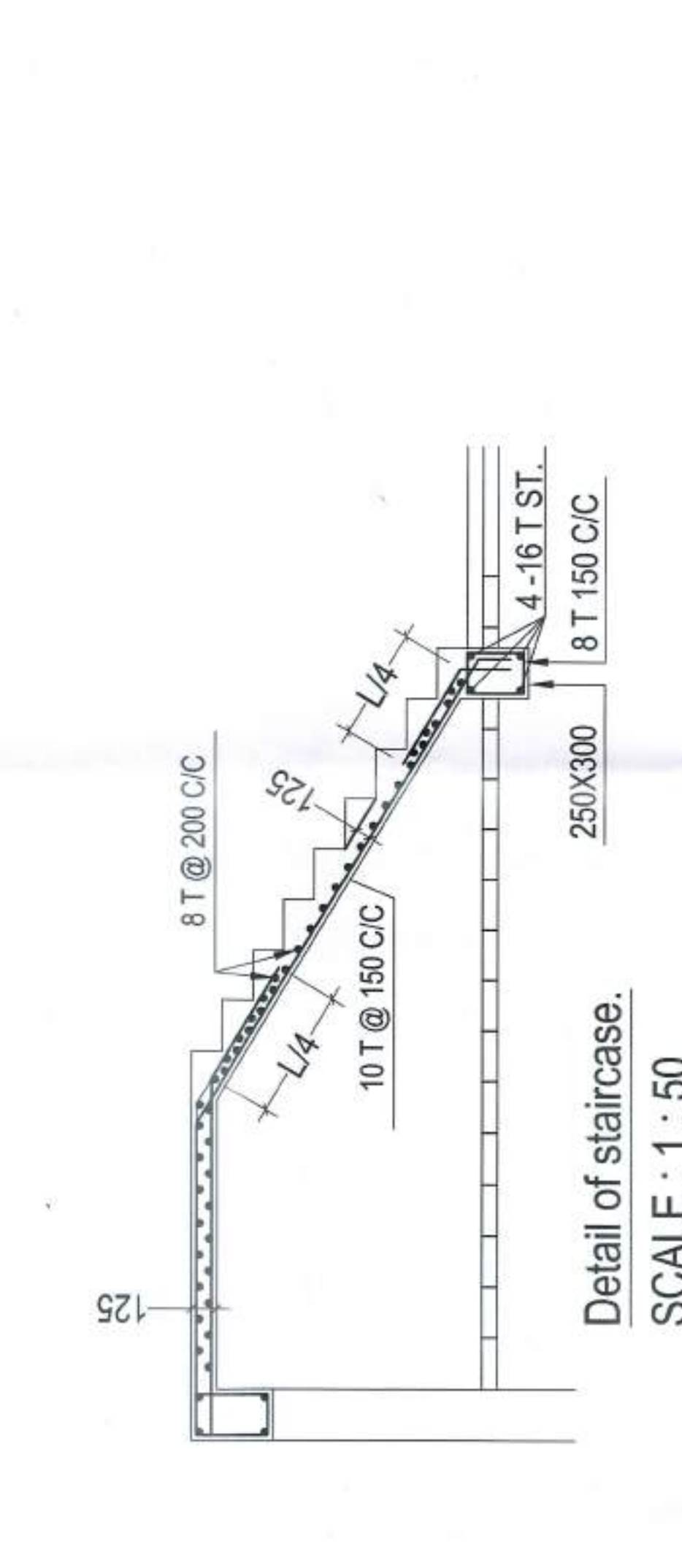
TITLE:-
 STRUCTURAL DETAILS.

DRAWING SHEET NO.
 DEALT : A. DAS
DATE : 26.11.2022...
 ALL DIMENSIONS ARE IN M.M. (UNLESS OTHERWISE MENTIONED)
SCALE 1 : 100
 (UNLESS OTHERWISE MENTIONED)

archisn work
 ARCHITECTURE - TOWN PLANNING - INTERIOR - LANDSCAPE - GRAPHIC DESIGN
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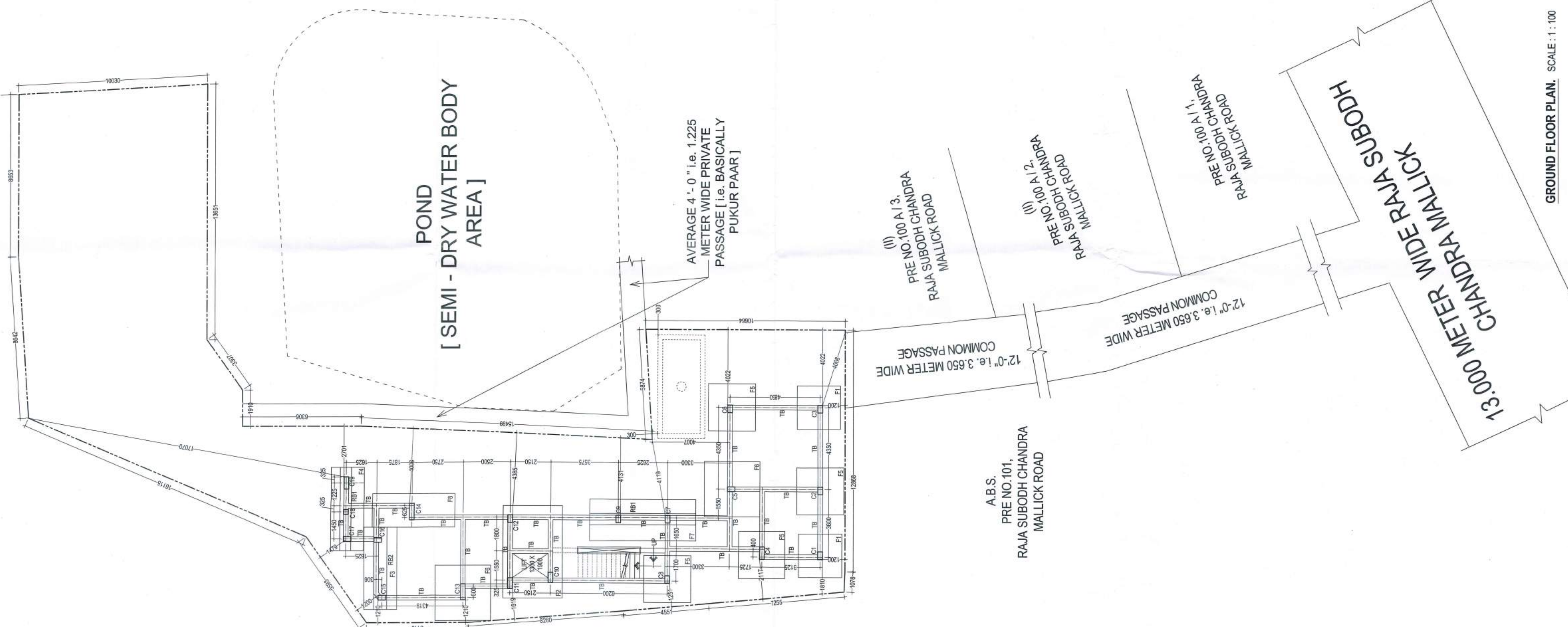
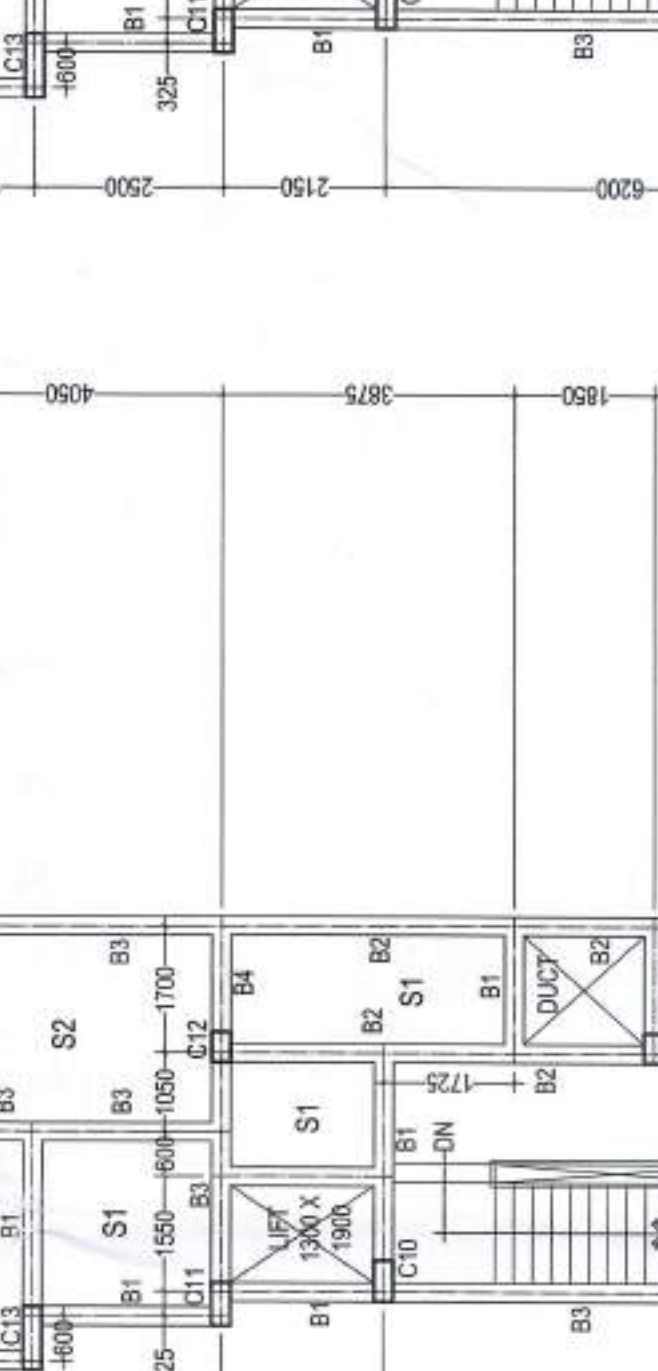
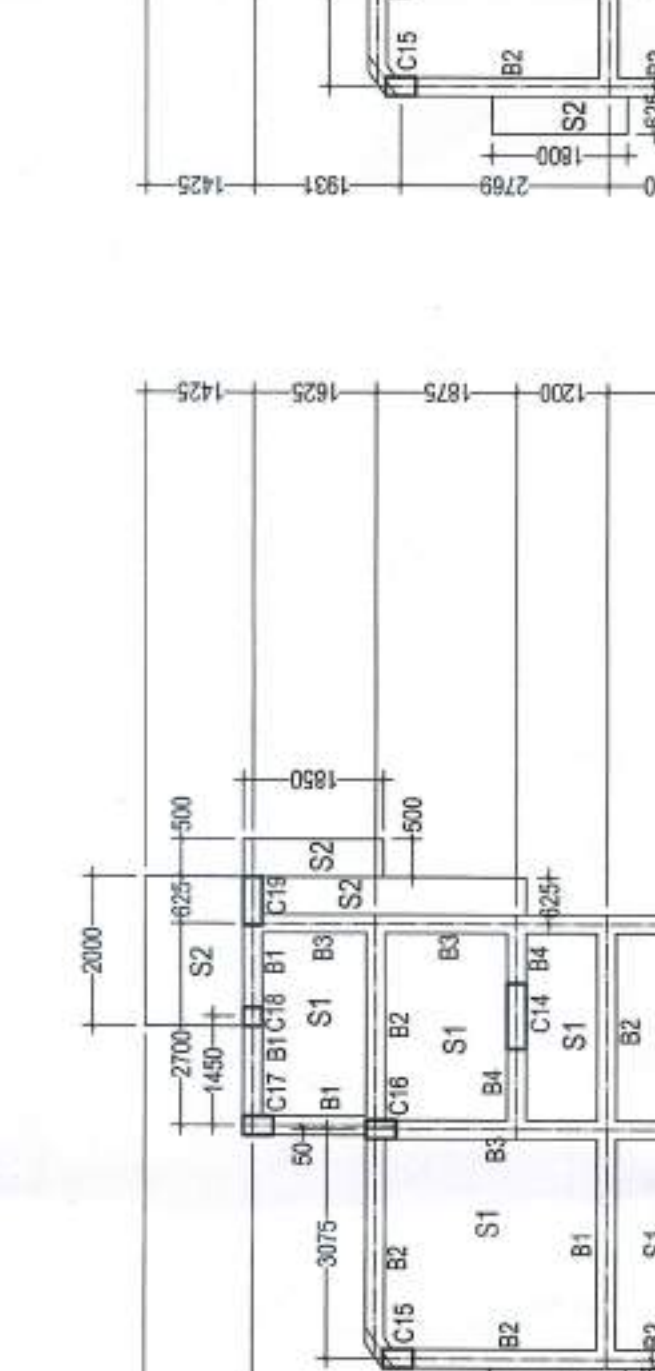
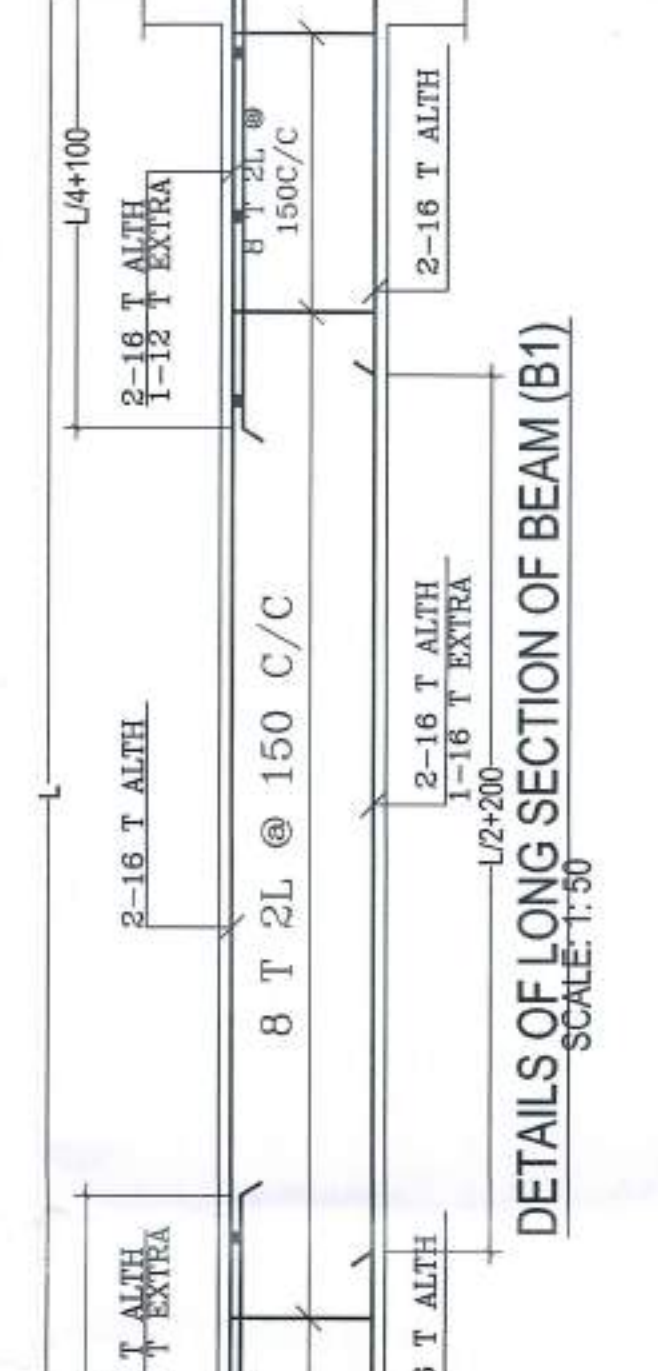
SCHEDULE OF FOUNDATION			REINFORCEMENT	
UNDER COLUMN MKD.	FDN MKD.	"D" OVER ALL (M.M)	SHORTER DIRN.	LONGER DIRN.
C1-C3	F1	2300X2300	12 T @ 150C/C	12 T @ 150C/C
C10-C11- C12-LIFT	F2	4925X3300	12 T @ 125C/C TOP 12 T @ 125C/C BOTTOM	12 T @ 125C/C TOP 12 T @ 125C/C BOTTOM
C15-C16	F3	4375X1750	12 T @ 150C/C TOP 12 T @ 150C/C BOTTOM	12 T @ 150C/C TOP 12 T @ 150C/C BOTTOM
C17-C18-C19	F4	4450X1750	12 T @ 150C/C TOP 12 T @ 150C/C BOTTOM	12 T @ 150C/C TOP 12 T @ 150C/C BOTTOM
C2, C4, C6, C8	F5	2500X2500	12 T @ 125C/C	12 T @ 125C/C
C5, C13	F6	2950X2950	12 T @ 125C/C	12 T @ 125C/C
C7-C9	F7	2200X5625	12 T @ 125C/C TOP 12 T @ 125C/C BOTTOM	12 T @ 125C/C TOP 12 T @ 125C/C BOTTOM
C14	F8	1800X4400	12 T @ 125C/C	12 T @ 125C/C

SCHEDULE OF RIB BEAMS FOR FOUNDATION			
BEAM MKD.	SIZE	AT SUPPORT	AT MID SPAN
RB1	600X350	TOP: 3-20 # ST. BOT: 3-20 # ST.	TOP: 3-20 # ST. BOT: 2-20 # ST.
RB2	700X350	TOP: 3-16 # ST. BOT: 3-20 # ST.	TOP: 3-16 # ST. BOT: 3-16 # ST.



SCHEDULE OF R.C.C. BEAMS		
BEAM MKD.	SIZE	SUPPORTS
B1	250X350	AT MID SPAN: TOP: 2-16 ST. / BOT: 1-16 ST. / AT SUPPORT: 8 T @ 150 C/C
B2	250X450	AT MID SPAN: TOP: 2-16 ST. / BOT: 2-16 ST. / AT SUPPORT: 8 T @ 150 C/C
B3	250X450	AT MID SPAN: TOP: 2-20 ST. / BOT: 2-20 ST. / AT SUPPORT: 8 T @ 150 C/C
B4	250X450	AT MID SPAN: TOP: 2-20 ST. / BOT: 2-20 ST. / AT SUPPORT: 8 T @ 110 C/C
B5	500X250	AT MID SPAN: TOP: 3-12 ST. / BOT: 3-12 ST. / AT SUPPORT: 8 T @ 150 C/C
B6	250X250	AT MID SPAN: TOP: 2-16 ST. / BOT: 2-16 ST. / AT SUPPORT: 8 T @ 200 C/C
TB	250X400	AT MID SPAN: TOP: 2-16 ST. / BOT: 2-16 ST. / AT SUPPORT: 8 T @ 150 C/C

COLUMN SCHEDULE		TIES
COLUMN MKD.	REINFORCEMENT AT GR.FL. / ABOVE	
C1, C3, C3A, C17	250X400 4-16T+4-12T	8T @ 175 C/C
C2, C4, C6, C6A, C8, C10, C12, C15, C19	250X450 8-16T	8T @ 200 C/C
C18	250X450 4-20T + 4-16T	8T @ 250 C/C
C5, C7, C9, C11, C16	250X500 10-16T	8T @ 250 C/C 4L
C13, C14	250X850 12-16T	8T @ 250 C/C 4L



PARTY'S COPY

Structural steel design calculation as submitted by the contractor has been reviewed by the Engineer. No S.C.O. (S.C.O. 10) has been issued with B.P. of the contractor. The contractor is advised to proceed with the work. A structural plan should be made showing the location of the steel members. The contractor should submit the necessary calculation and stability check. The contractor should also submit the necessary steps to be taken for the safety of the work. The contractor should also submit the necessary steps to be taken for the safety of the work.



12/1/30