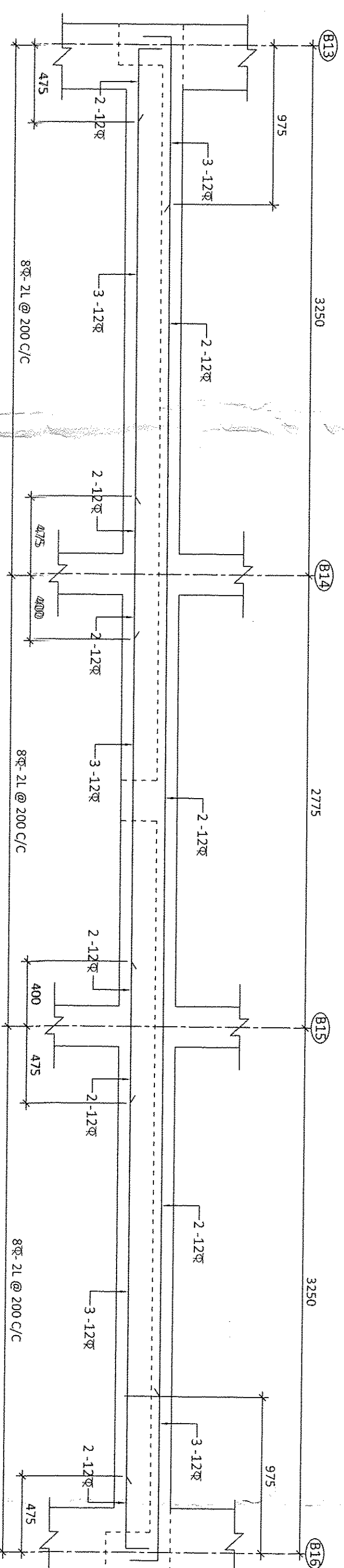


FOOTING MNO.	COL. SIZE (AxB)	c	d	REINFORCEMENT	SHORTER	LONGER
F1	C2, C3	3500 X 2500	300	15# @150 C/C	12# @150 C/C	12# @150 C/C
F2	C6, C7	5925 X 2200	300	12# @150 C/C	12# @150 C/C	12# @150 C/C
F3	C5, C8, C14, C15, C18, C19	2400 X 2400	250	12# @150 C/C	12# @150 C/C	12# @150 C/C
F4	C1, C4, C17	2200 X 2200	250	12# @150 C/C	12# @150 C/C	12# @150 C/C
F5	C9, C12, C13	2000 X 2000	250	12# @150 C/C	12# @150 C/C	12# @150 C/C
F6	C10, C11 & C20	3800 X 3000	300	12# @150 C/C BOT. 10# @150 C/C TOP.	12# @150 C/C BOT. 10# @150 C/C TOP.	12# @150 C/C BOT. 10# @150 C/C TOP.

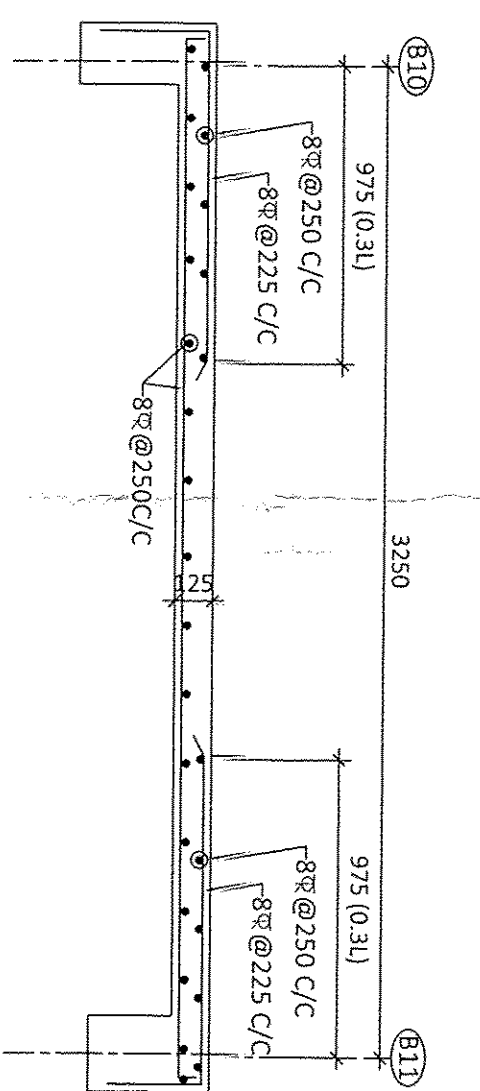
BEAM MNO.	END SUPP./CONT SUPP.	MAIN REINFORCEMENT				STIRRUPS	
		TOP	BOT.	TOP	BOT.	SPAN	SPAN
B1	250 X 350	2-12#	2-12#	2-12#	2-12#	8#-2L @ 200 C/C	8#-2L @ 200 C/C
B2	250 X 350	2-12#	2-12#	3-12#	2-12#	8#-2L @ 200 C/C	8#-2L @ 200 C/C
B3	250 X 350	2-12#	2-12#	3-12#	2-12#	8#-2L @ 200 C/C	8#-2L @ 200 C/C
B4	250 X 350	2-12#	2-12#	3-12#	2-12#	8#-2L @ 200 C/C	8#-2L @ 200 C/C
B5	250 X 350	2-12#	2-12#	3-12#	2-12#	8#-2L @ 200 C/C	8#-2L @ 200 C/C
B6	250 X 350	2-12#	2-12#	3-12#	2-12#	8#-2L @ 200 C/C	8#-2L @ 200 C/C
B7	250 X 400	3-12#	2-12#	2-12#	2-12#	8#-2L @ 200 C/C	8#-2L @ 200 C/C
B8	250 X 350	2-12#	2-12#	2-12#	2-12#	8#-2L @ 200 C/C	8#-2L @ 200 C/C
B9	250 X 350	2-12#	2-12#	2-12#	2-12#	8#-2L @ 200 C/C	8#-2L @ 200 C/C
B10	200 X 450	3-12#	2-12#	2-12#	2-12#	8#-2L @ 225 C/C	8#-2L @ 225 C/C
B11	250 X 400	4-16#	2-16#	2-12#	2-12#	8#-2L @ 200 C/C	8#-2L @ 200 C/C
B12	250 X 350	2-12#	2-16#	2-12#	2-12#	8#-2L @ 200 C/C	8#-2L @ 200 C/C
B13	250 X 400	2-12#	2-16#	2-12#	2-16#	8#-2L @ 200 C/C	8#-2L @ 200 C/C
B14	250 X 350	2-12#	2-12#	2-12#	2-12#	8#-2L @ 200 C/C	8#-2L @ 200 C/C
B15	150 X 350	2-12#	2-12#	2-12#	2-12#	8#-2L @ 150 C/C	8#-2L @ 150 C/C
LB1	250 X 350	2-12#	2-12#	2-12#	2-12#	8#-2L @ 200 C/C	8#-2L @ 200 C/C

THE BEAM MNO.	CONT. SUPPORT	MAIN REINFORCEMENT				STIRRUPS
		TOP	BOTTOM	TOP	BOTTOM	
RB1	400 X 800	5-16#	5-16#	5-16#	5-16#	8#-2L @ 200 C/C

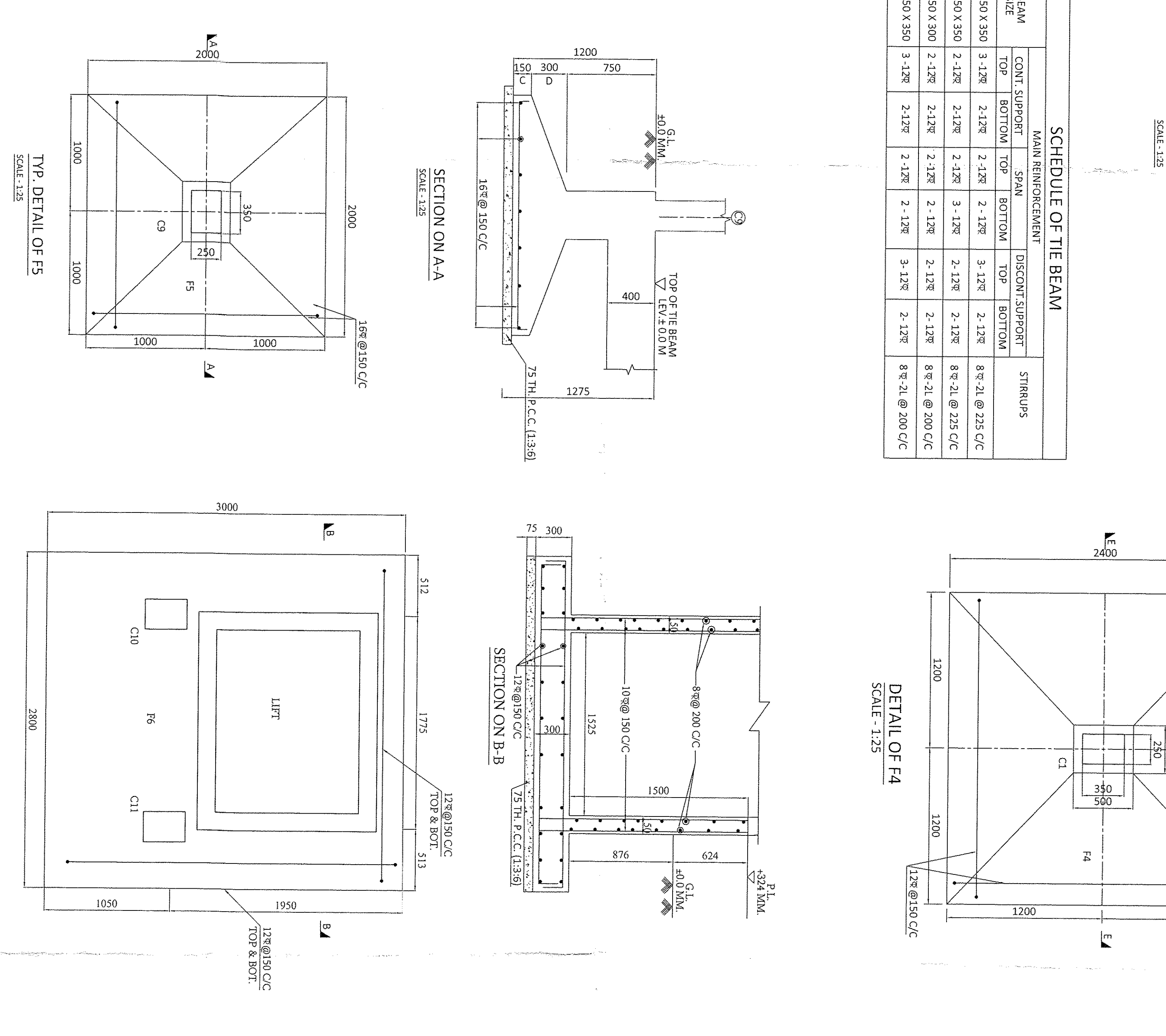
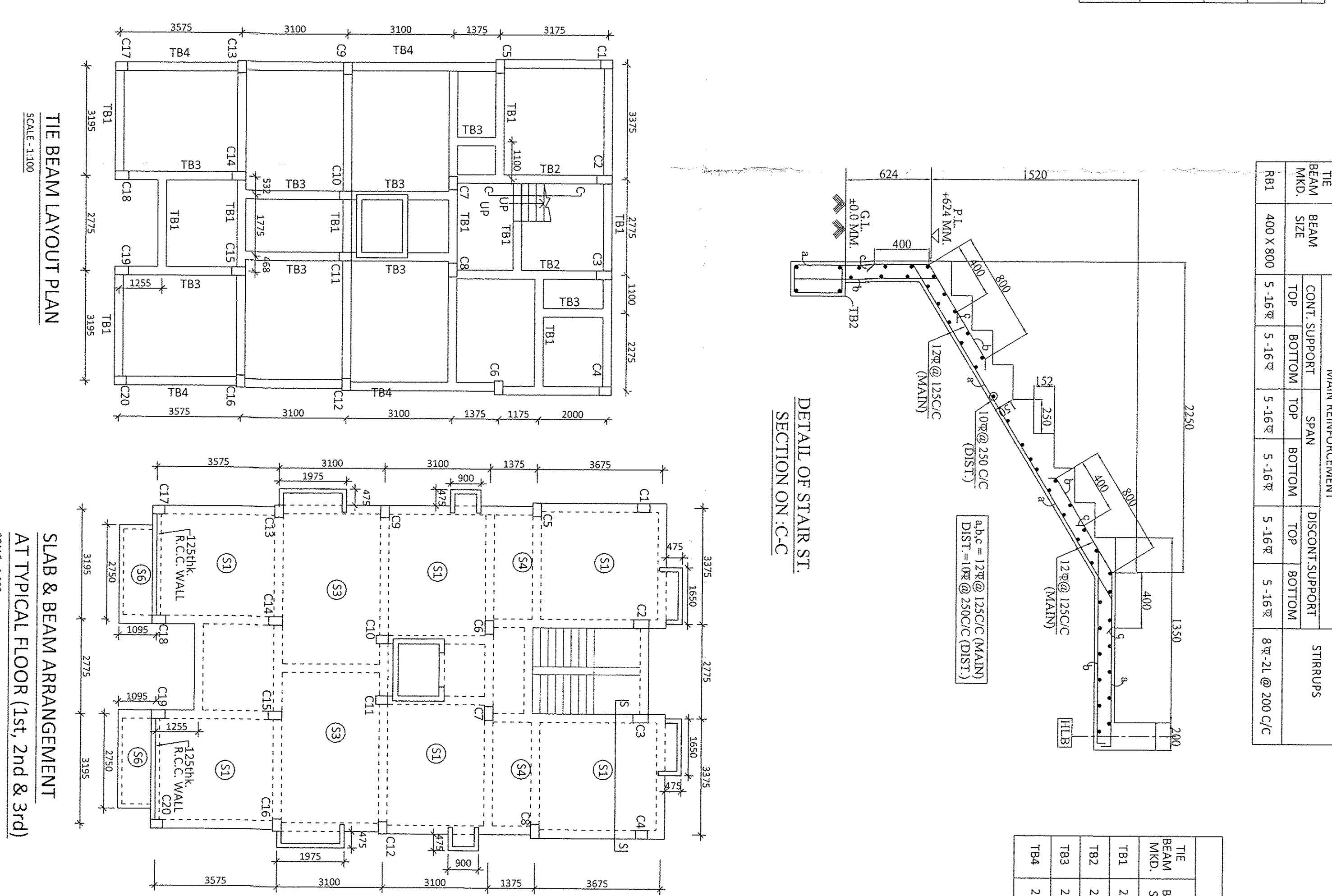
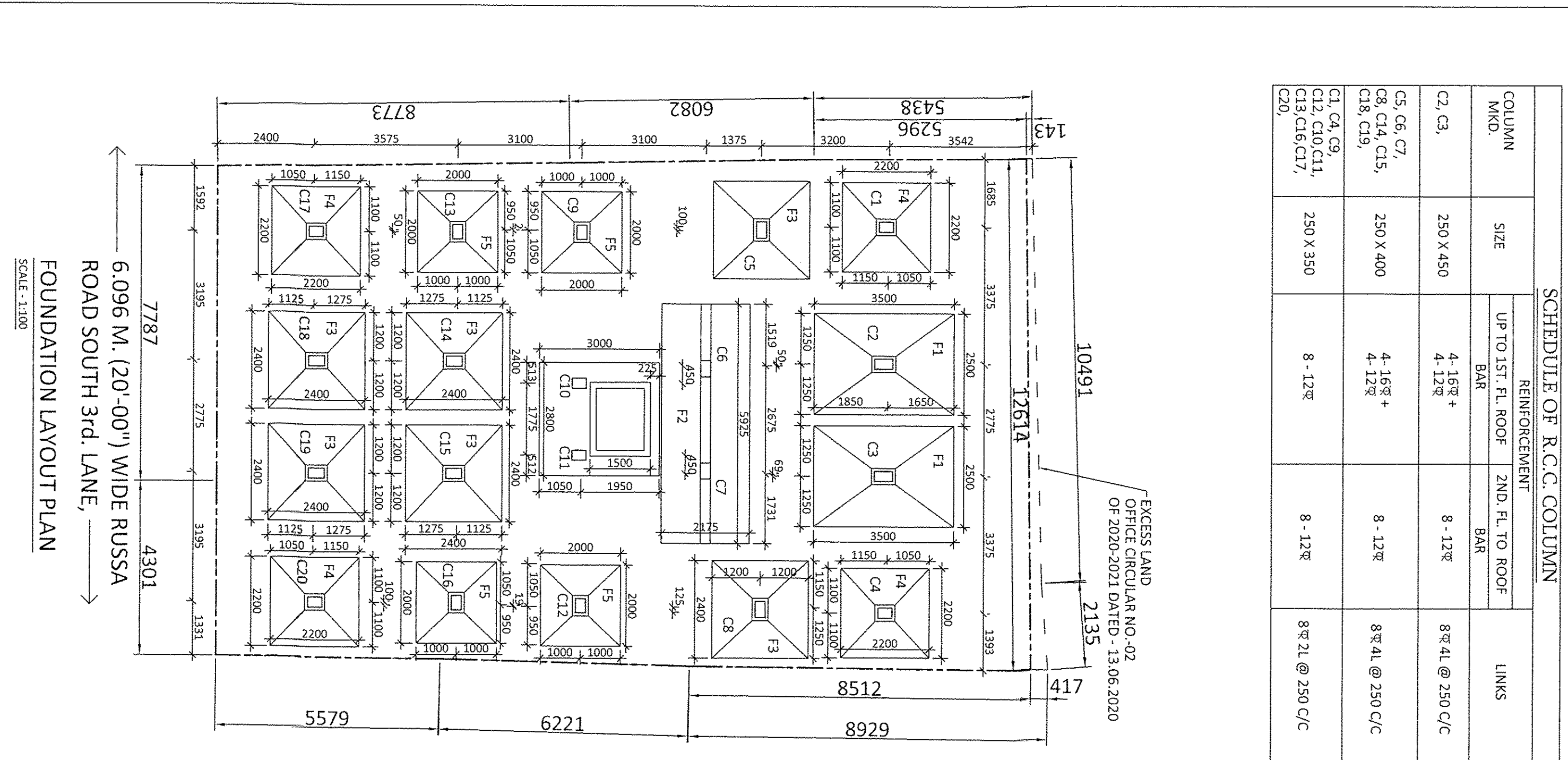
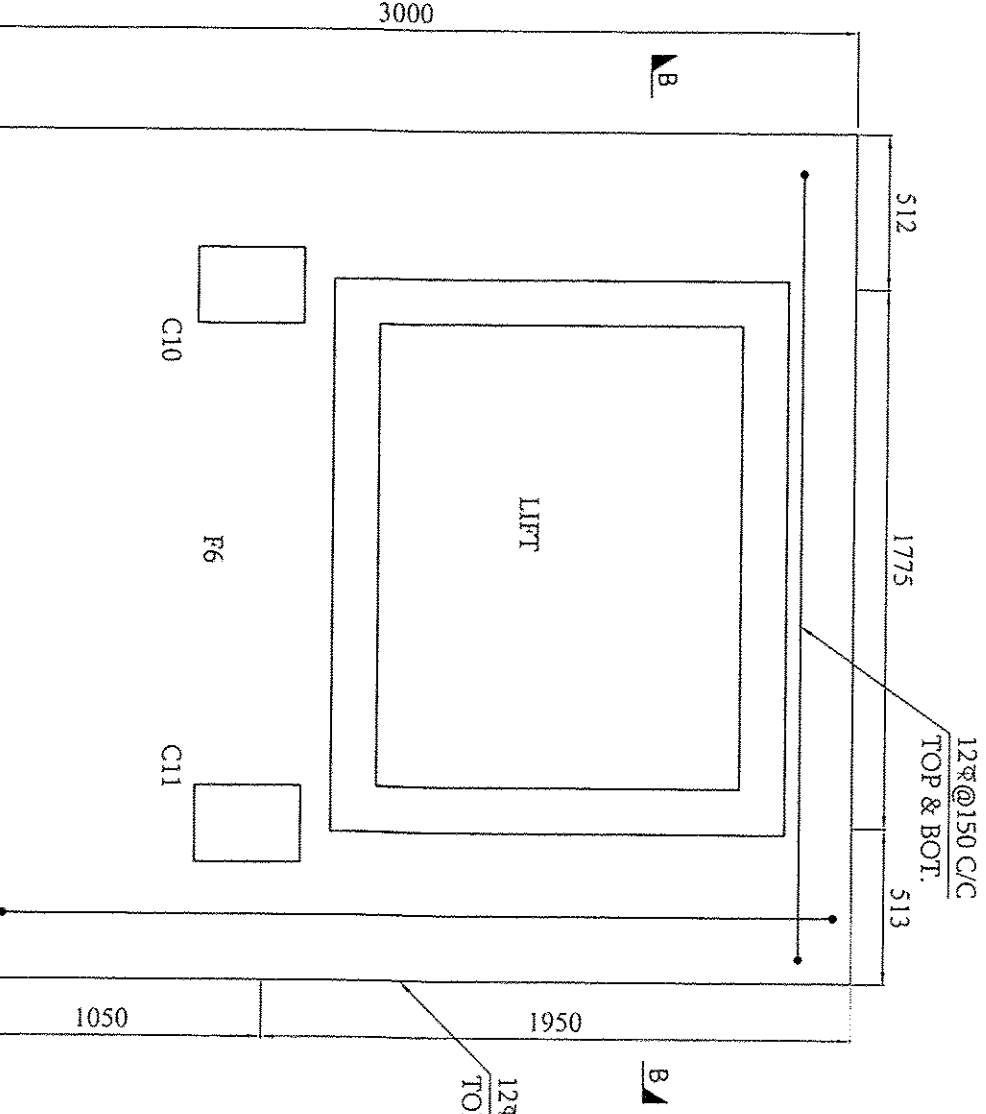
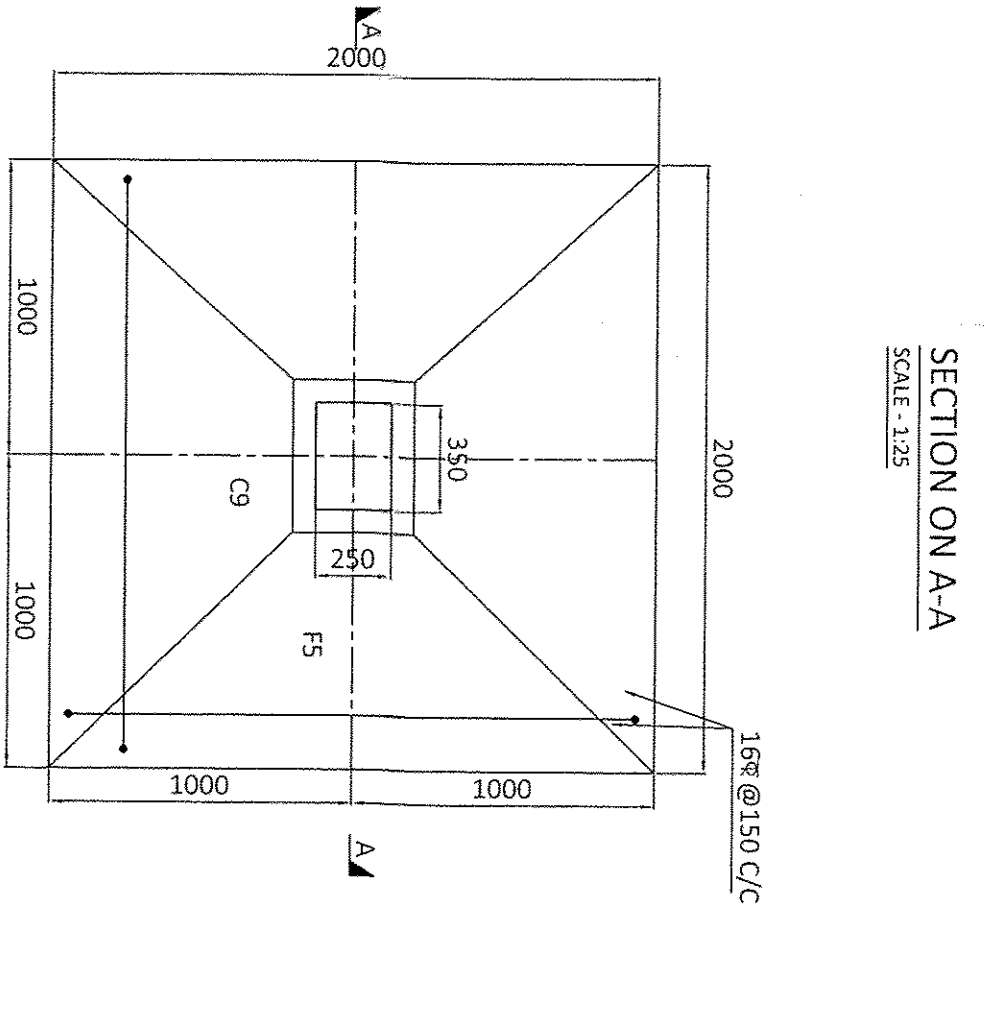
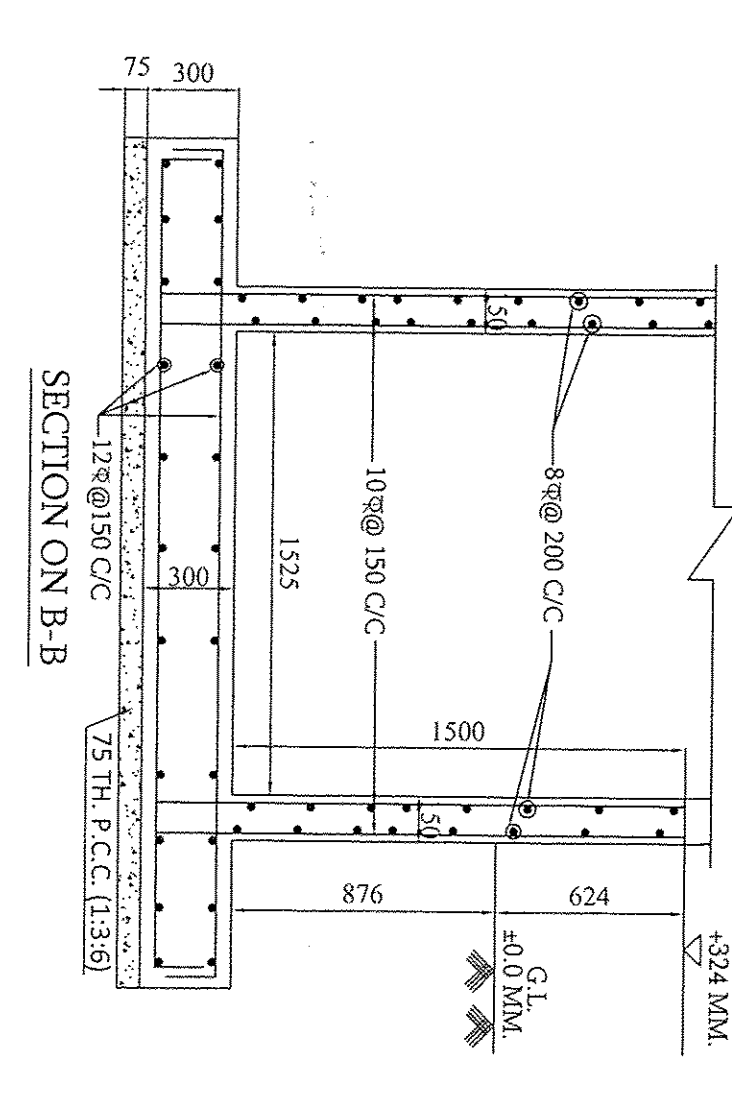
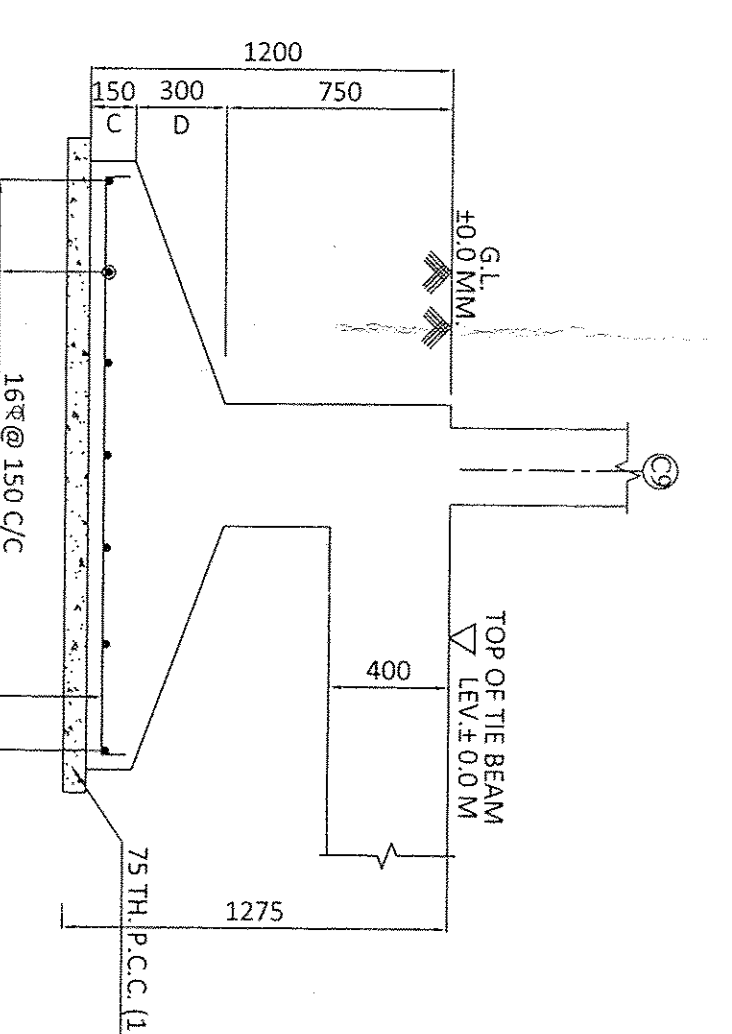
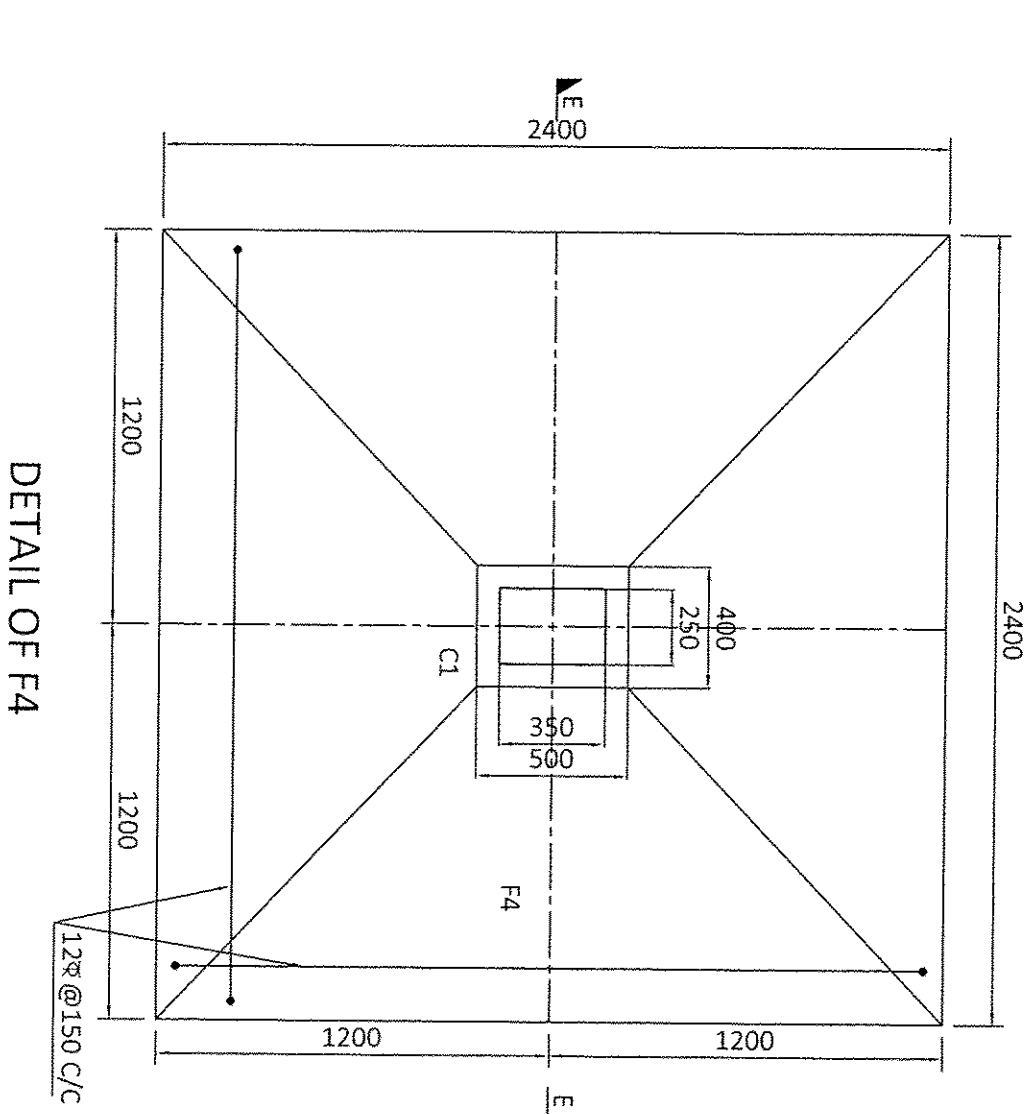
COLUMN MNO.	SIZE	REINFORCEMENT		LINKS
		UP TO 1ST. FLOOR	2ND. FL. TO ROOF	
C2, C3	250 X 450	4-12#	4-12#	8#-4L @ 250 C/C
C5, C6, C7, C8, C14, C15, C18, C19	250 X 400	4-12#	4-12#	8#-4L @ 250 C/C
C1, C4, C9, C12, C16, C17, C20	250 X 350	4-12#	4-12#	8#-4L @ 250 C/C



SLAB THK. (MM)	SHORTER SPAN	REINFORCEMENT		LONGER SPAN
		SPAN(BOT)	SUPPORT(TOP)	
S1	125	8# @225 C/C	8# @250 C/C	8# @250 C/C
S2	125	8# @250 C/C	8# @250 C/C	8# @250 C/C
S3	125	8# @225 C/C	8# @250 C/C	8# @250 C/C
S4	125	8# @250 C/C	8# @250 C/C	8# @250 C/C
S5	125	8# @250 C/C	8# @250 C/C	8# @250 C/C
S6	125	8# @225 C/C	8# @250 C/C	8# @250 C/C
S7	125	8# @250 C/C	8# @250 C/C	8# @250 C/C



THE BEAM MNO.	SIZE	MAIN REINFORCEMENT				STIRRUPS
		CONT. SUPPORT	SPAN	DISCONT. SUPPORT	TOP	
TB1	250 X 350	3-12#	2-12#	2-12#	2-12#	8#-2L @ 225 C/C
TB2	250 X 350	2-12#	2-12#	2-12#	2-12#	8#-2L @ 225 C/C
TB3	250 X 300	2-12#	2-12#	2-12#	2-12#	8#-2L @ 200 C/C
TB4	250 X 350	3-12#	2-12#	2-12#	2-12#	8#-2L @ 200 C/C



- NOTES:**
1. ALL DIMENSIONS ARE IN MILLIMETRES.
  2. ONLY WRITTEN DIMENSIONS ARE TO BE FOLLOWED.
  3. ROAD CREST LEVELS TAKEN AS 4.00 LEV.
  4. CLEAR COVER TO MAIN REINFORCEMENT-  
a) FOUNDATION- 50 MM. b) COLUMN- 40 MM. c) BEAM- 25 MM. d) FLOOR BEAM- 25 MM. e) SLAB- 20 MM.
  5. LAP / ANCHORAGE LENGTH SHOULD BE GENERALLY 36D, (D = DIA. OF BAR).
  6. # INDICATES COLD TWISTED DEFORMED BAR AS PER IS 1786.
  7. GRADE OF CONCRETE - M-20
  8. GRADE OF STEEL - Fe-500
  9. READ THIS DRAWING IN CONJUNCTION WITH RELEVANT ARCHITECTURAL DRAWINGS
  10. WILL BE TAKEN AT THE TIME OF CONSTRUCTION.

**DECLARATION OF STRUCTURAL ENGINEER**  
 THE STRUCTURAL DESIGN & DRAWING OF BOTH FOUNDATION AND SUPERSTRUCTURE OF THE BUILDING HAS BEEN MADE BY ME CONSIDERING ALL POSSIBLE LOADS INCLUDING THE SEISMIC LOAD AS PER THE NATIONAL BUILDING CODES OF INDIA & CERTIFIED THAT IT IS SAFE & STABLE IN ALL RESPECTS CONSIDERING THE CAPACITY OF SOIL AS PER THE ENCLOSED SOIL INVESTIGATION REPORT PREPARED BY RUPAK KUMAR BANERJEE  
 10, KONDURU LANE, BHUVANESHWAR, KOLKATA - 700 025, EMPANELLED NO. - 31.

**DECLARATION OF GEO. TECHNICAL ENGINEER**  
 UNDERIGNED 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 RESPECTS FROM GEO-TECHNICAL POINT OF VIEW.

**DECLARATION OF ARCHITECT**  
 CERTIFIED THAT THE BUILDING PLAN HAS BEEN MADE BY ME AS PER PROVISION OF K.M.C. BUILDING RULES 2009 AS AMENDED FROM TIME TO TIME & THAT THE SITE CONDITIONS INCLUDING THE WIDTH OF THE ABUTTING ROAD CONFORM WITH THE PLAN & THAT IS A BUILDABLE SITE & NOT A TANK OR A FILLED UP TANK. THE PLOT IS NOT VACANT & DEMARCATED BY BOUNDARY WALL. THE ABUTTING ROAD IS 6.096 M. WIDE ROAD. THE SITE PLAN IS AS PER DEED. THE CONSTRUCTION OF S.L.G. TANK AND SEPTIC TANK WILL BE COMPLETED BEFORE STARTING OF BUILDING FOUNDATION WORK. SIGNATURE OF THE OWNER IS AUTHENTICATED BY ME.

**DECLARATION OF OWNER**  
 I DO HEREBY UNDERTAKE WITH CAREFUL RESPONSIBILITY THAT -  
 1. I SHALL ENGAGE ARCHITECT DURING CONSTRUCTION  
 2. I SHALL FOLLOW THEIR INSTRUCTIONS DURING CONSTRUCTION  
 3. I SHALL NOT ALLOW ANY OTHER PERSON TO DO ANY WORK ON THE STRUCTURE  
 4. IF ANY SUBMITTED DOCUMENTS ARE FOUND TO BE FAKE, THE K.M.C. AUTHORITY WILL REMOVE SANCTION PLAN.  
 5. THE CONSTRUCTION OF U.G. TANK AND SEPTIC TANK WILL BE UNDERTAKEN UNDER THE SUPERVISION / GUIDANCE OF E.S.E. / I.B.A. BEFORE STARTING OF BUILDING FOUNDATION WORK.  
 6. THE PLOT IS IDENTIFIED BY ME.

**MANAS DUTTA**  
 CA / 65 / 09566  
 10, Mandarini Gardens  
 KOLKATA - 700 019

**DECLARATION OF OWNER**  
 I DO HEREBY UNDERTAKE WITH CAREFUL RESPONSIBILITY THAT -  
 1. I SHALL ENGAGE ARCHITECT DURING CONSTRUCTION  
 2. I SHALL FOLLOW THEIR INSTRUCTIONS DURING CONSTRUCTION  
 3. I SHALL NOT ALLOW ANY OTHER PERSON TO DO ANY WORK ON THE STRUCTURE  
 4. IF ANY SUBMITTED DOCUMENTS ARE FOUND TO BE FAKE, THE K.M.C. AUTHORITY WILL REMOVE SANCTION PLAN.  
 5. THE CONSTRUCTION OF U.G. TANK AND SEPTIC TANK WILL BE UNDERTAKEN UNDER THE SUPERVISION / GUIDANCE OF E.S.E. / I.B.A. BEFORE STARTING OF BUILDING FOUNDATION WORK.  
 6. THE PLOT IS IDENTIFIED BY ME.

**PROPOSED G + III STORED RESIDENTIAL BUILDING U/S 393A OF K.M.C. ACT 1980, AT PRE. NO. -22, RUSSA ROAD SOUTH 3RD. LANE, UNDER K.M.C. WARD NO.-94, BOROUGH-X, KOLKATA - 700 033, DIST - 24 PARGANAS (SOUTH)**  
 PLAN CASE NO. - 2020100027

**SPACE PLANNERS ARCHITECTS & ENGINEERS**  
 485, SUNDER PARK,  
 KOLKATA - 700 075

**SCALE: 1:100, 25**  
 DATE - 12.05.2021  
 DRAWN BY - SUPRIYA  
 CHECKED BY - M.D.  
 DATE: 12.05.2021  
 SCALE: 1:100, 25

**PARTY'S COPY**

Structural plan and design calculations as submitted by the structural engineer have been reviewed and approved by the Building Department of the Keesee Municipal Corporation without verification No. 2024-11-034. Date 2/21/24 for record purposes. The submitted structural plan should be made available to the Building Department for review along with design calculation and other structural plan information. If the submitted structural plan does not conform to the applicable code, the safety of the adjoining premises public and private properties and safety of human life during construction.



EXECUTIVE ENGINEER/ASSISTANT ENGINEER  
BROOKFIELD, X

