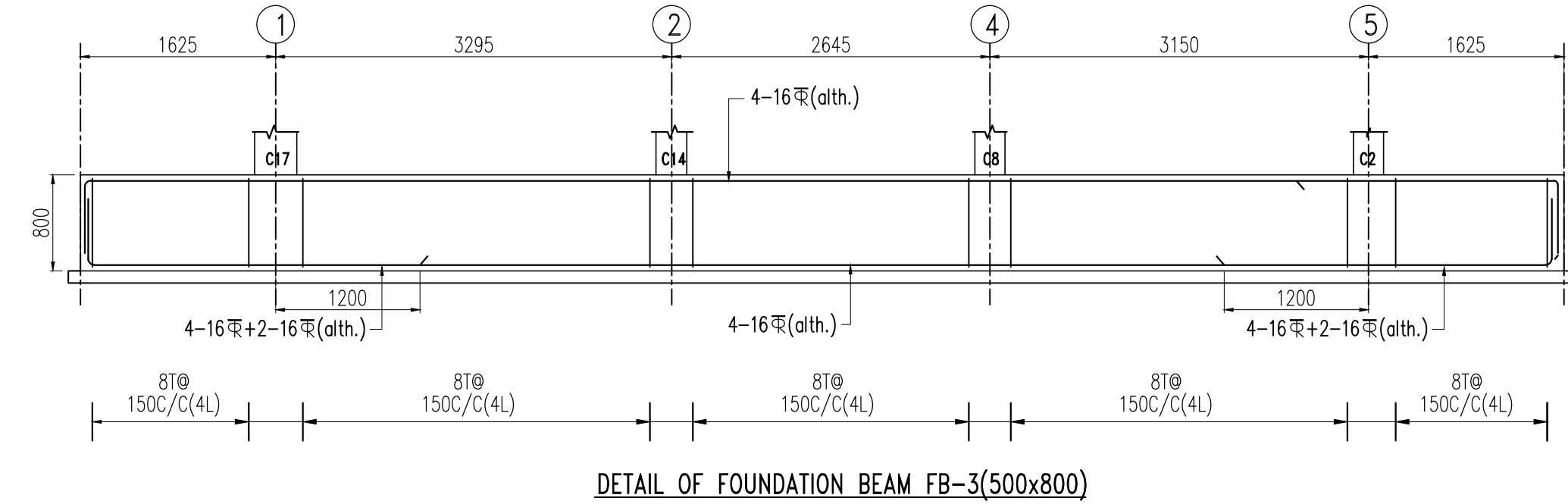
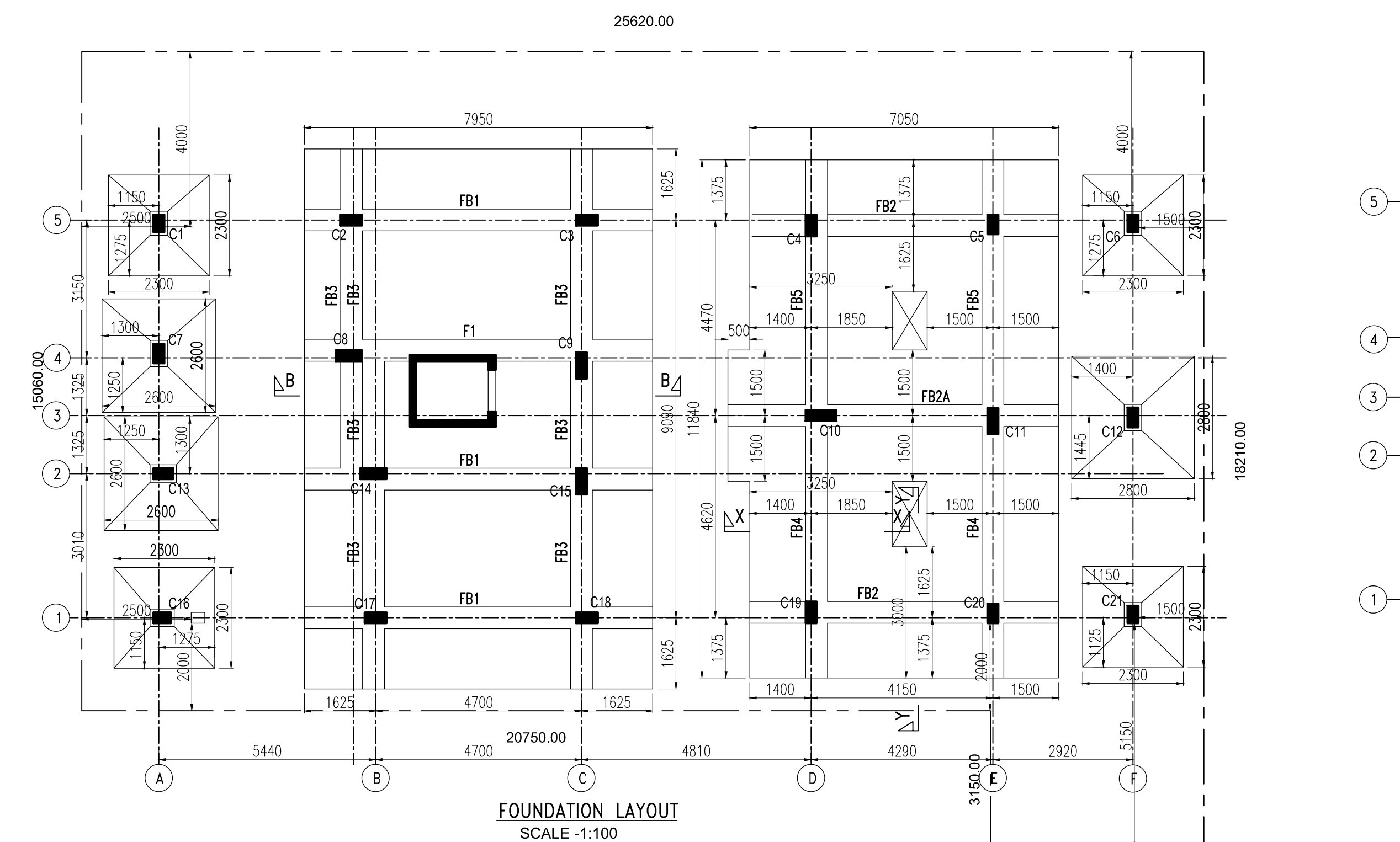
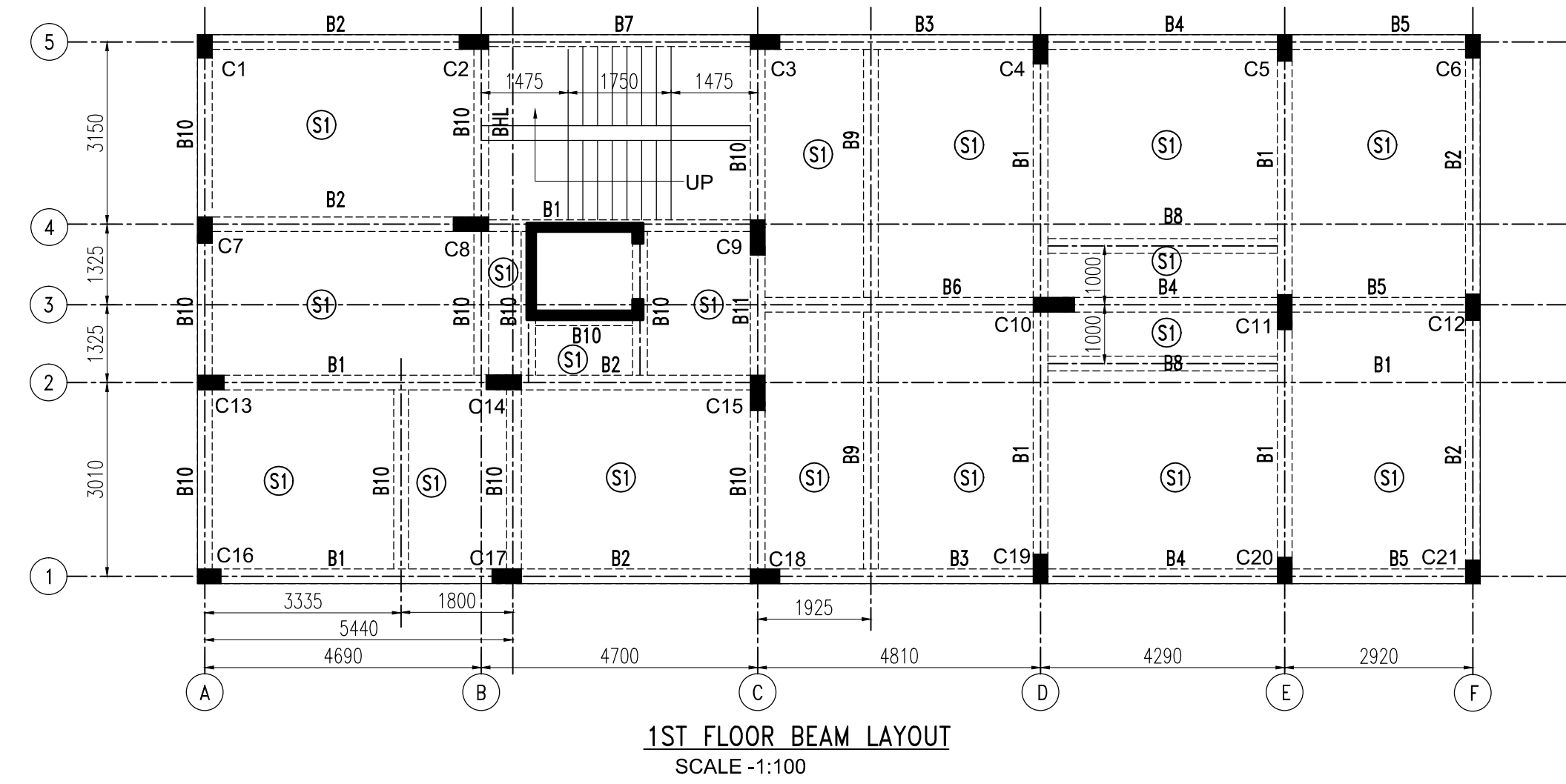
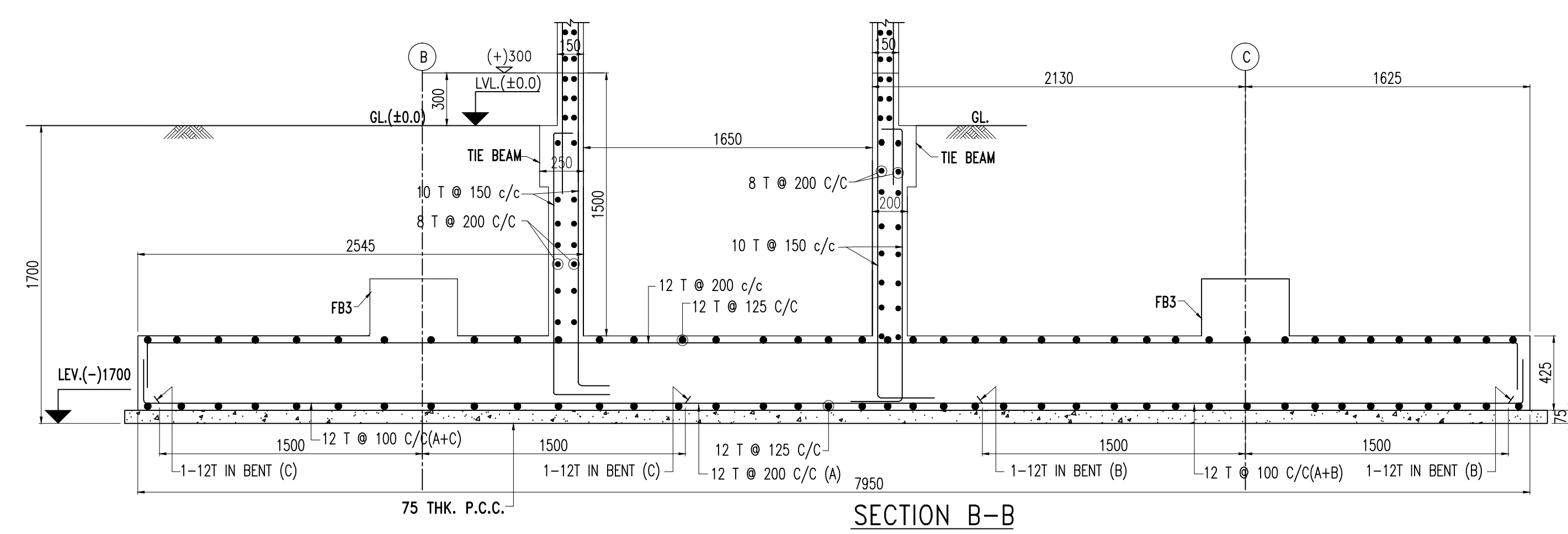
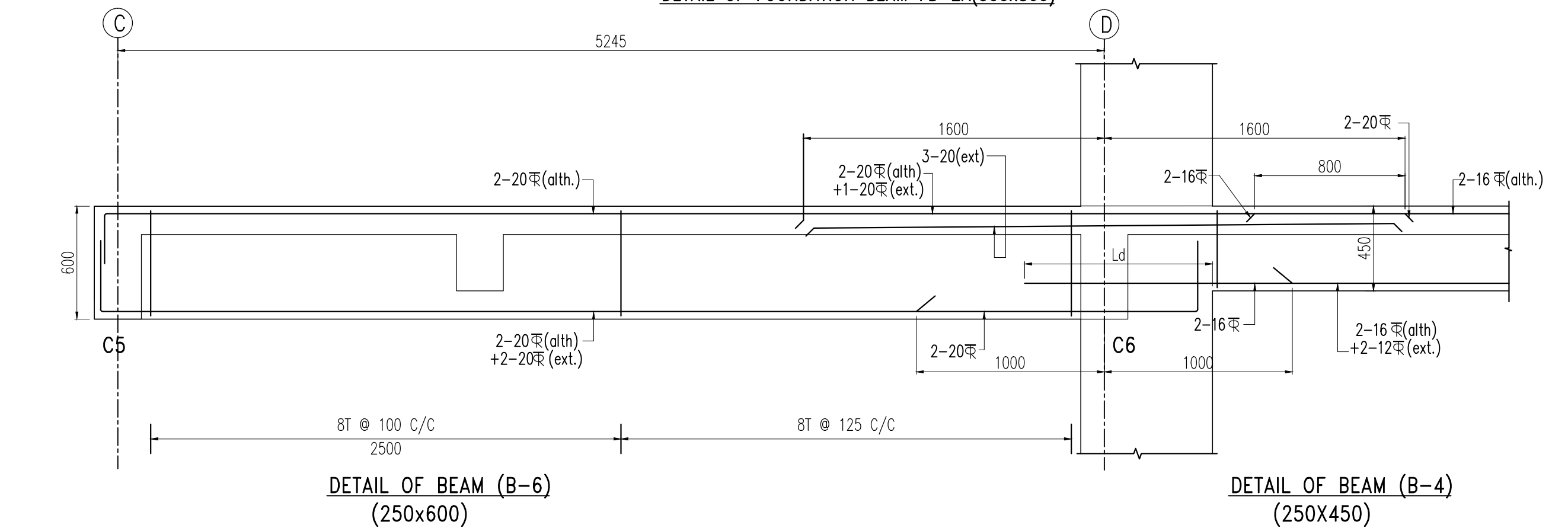
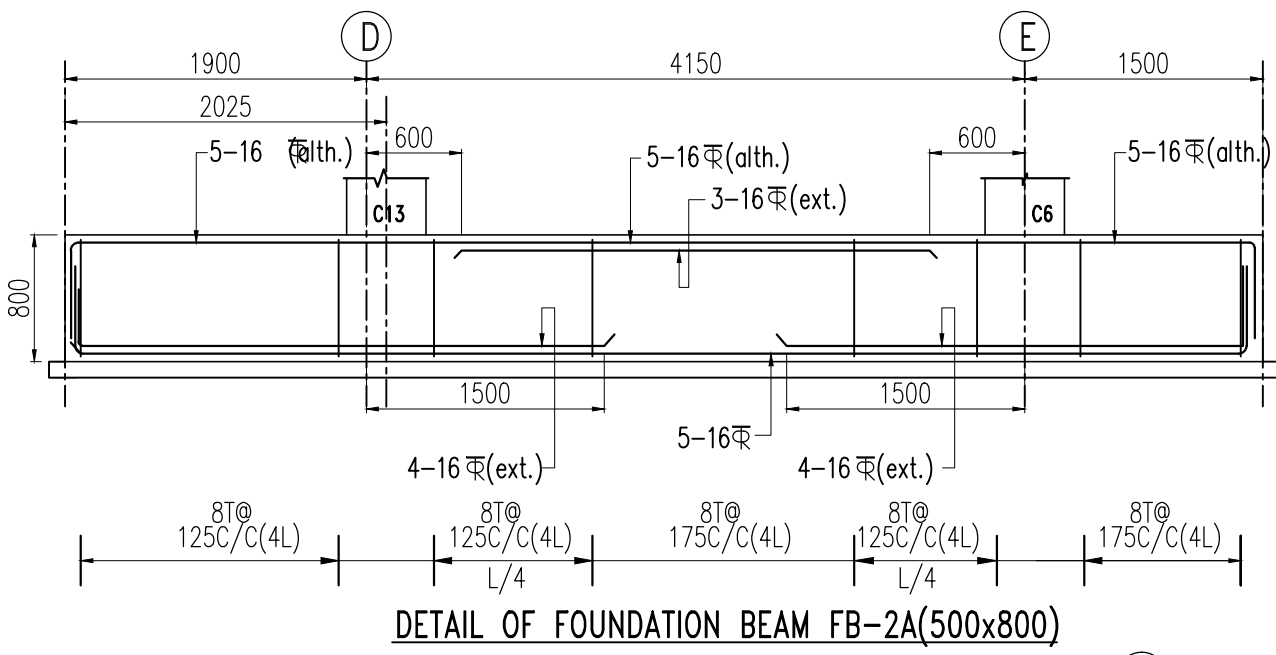
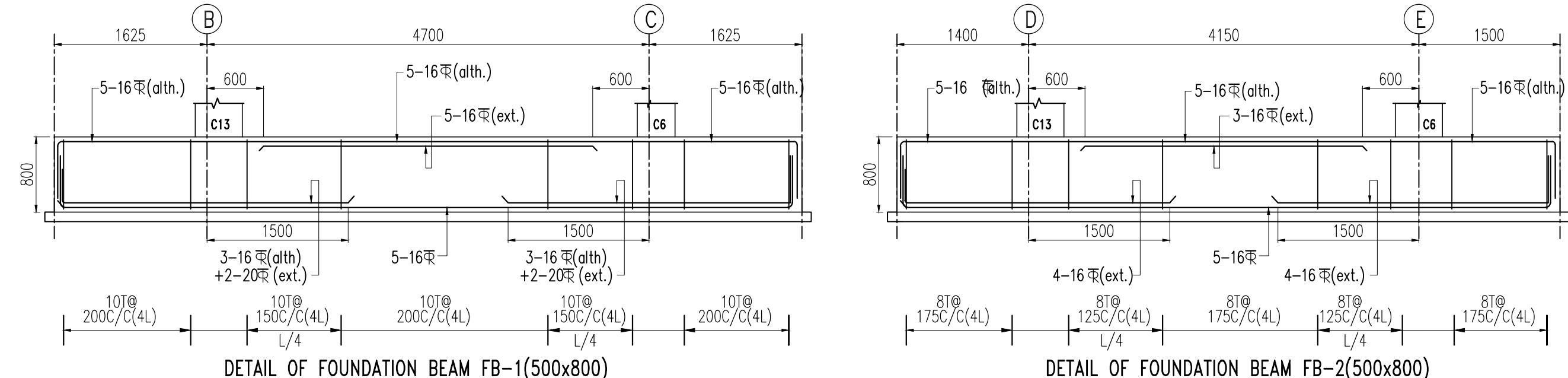
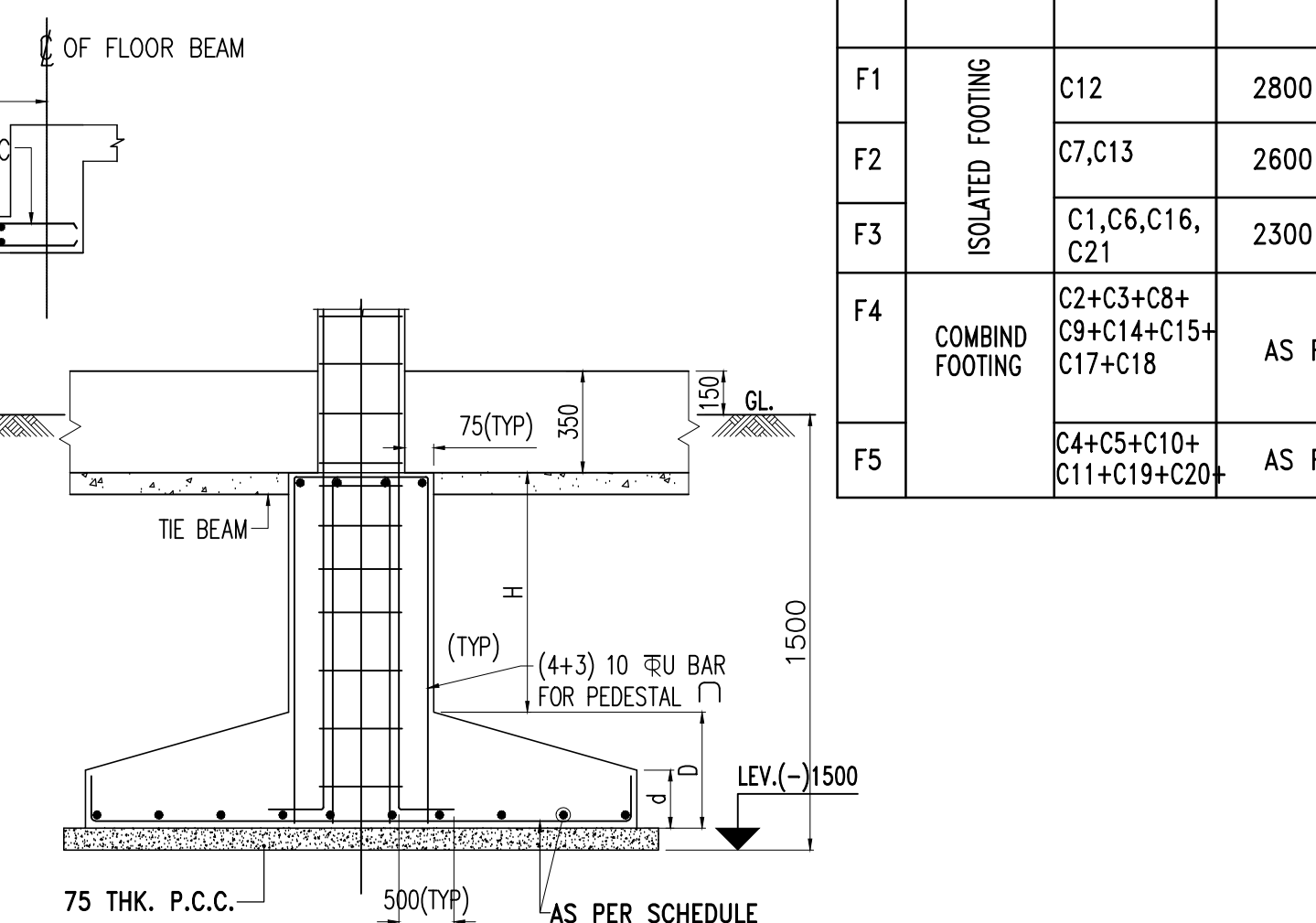
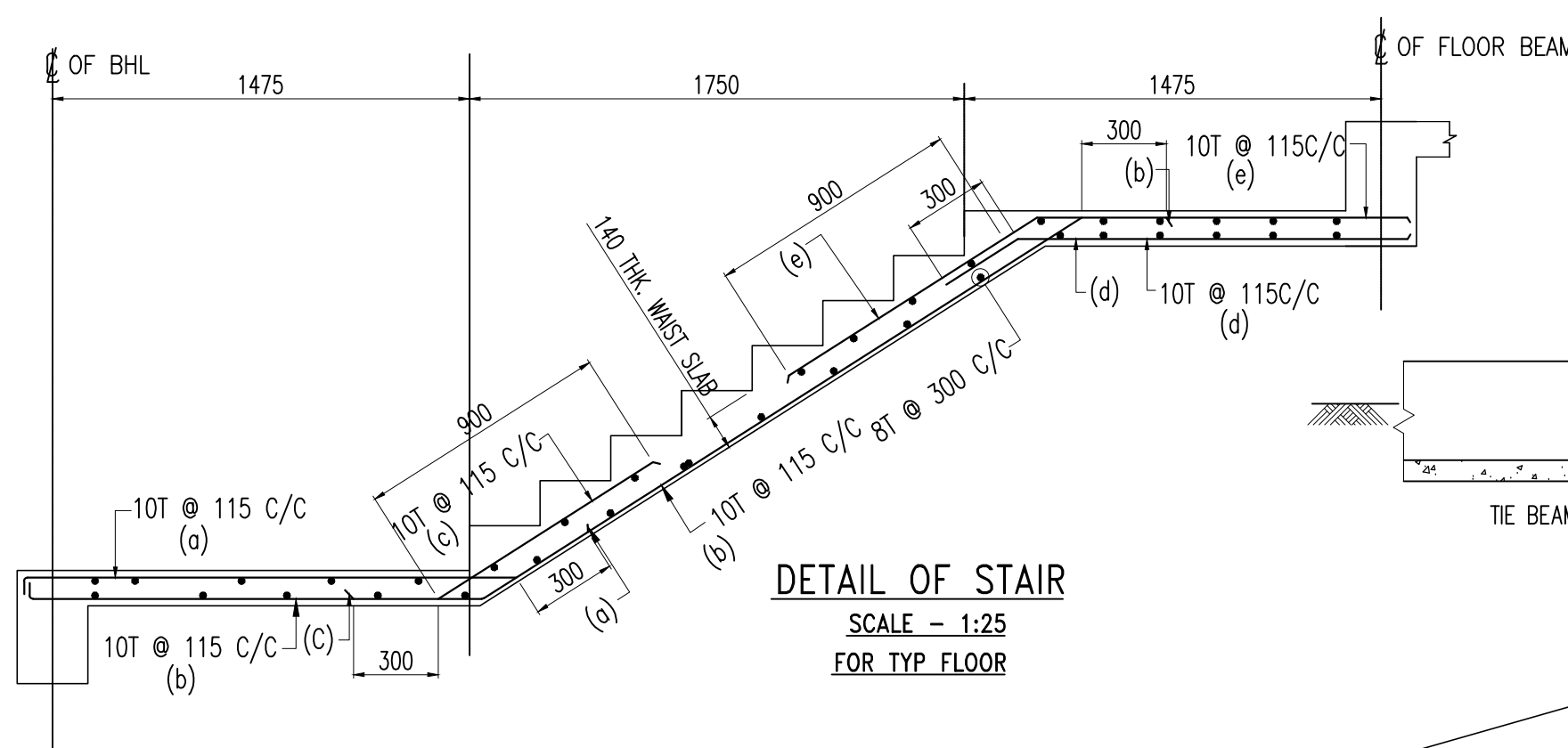




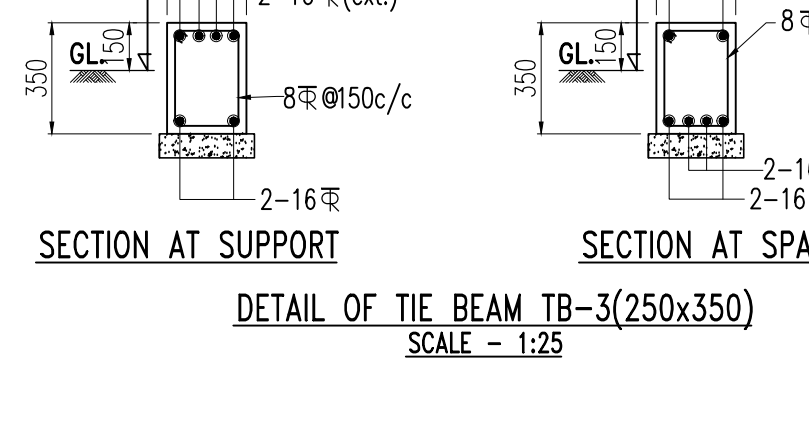
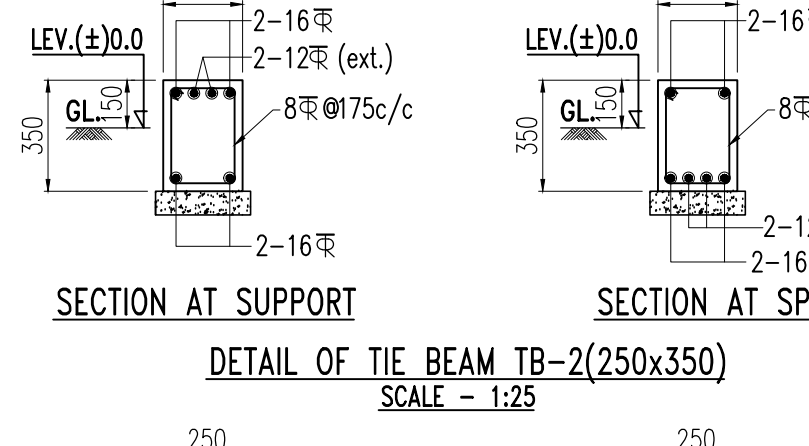
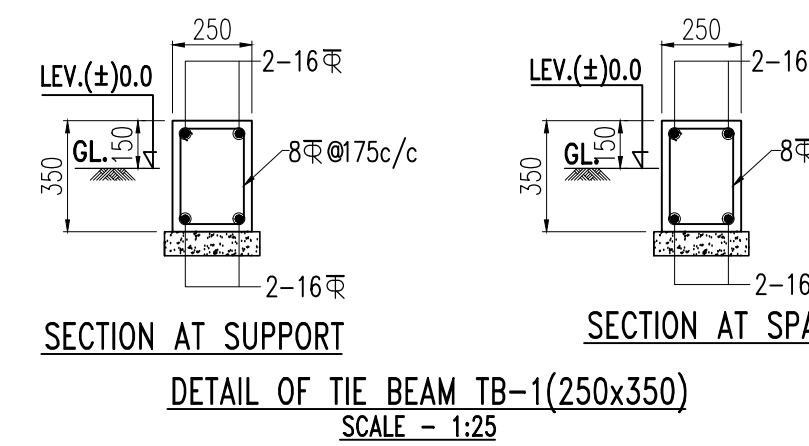
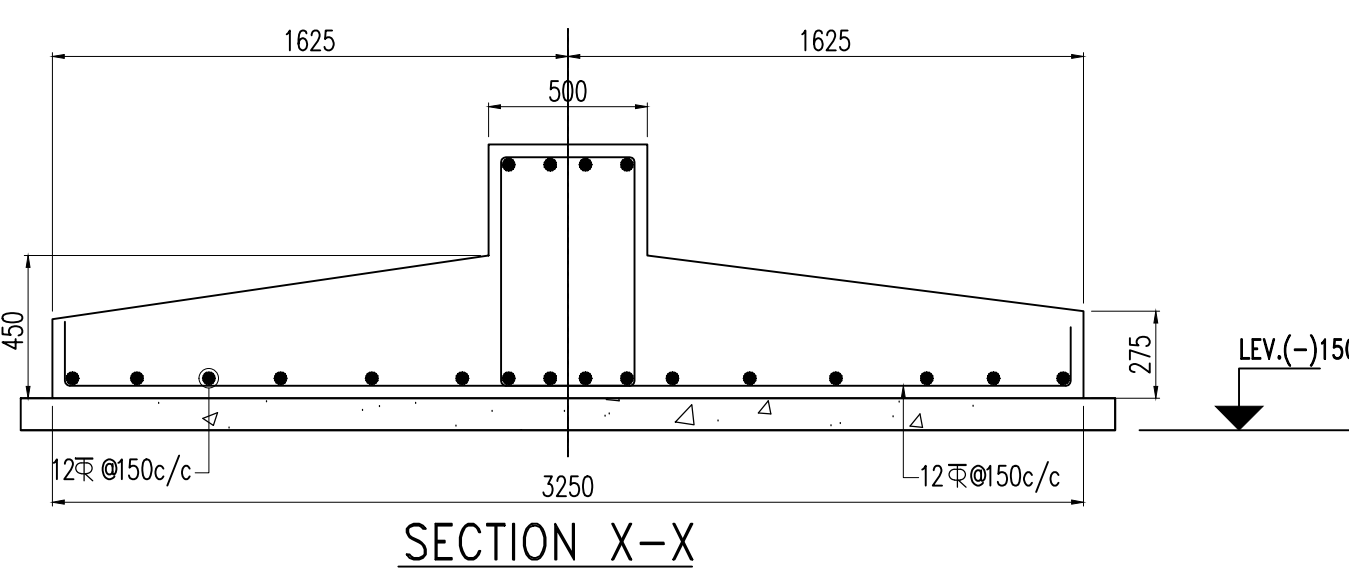
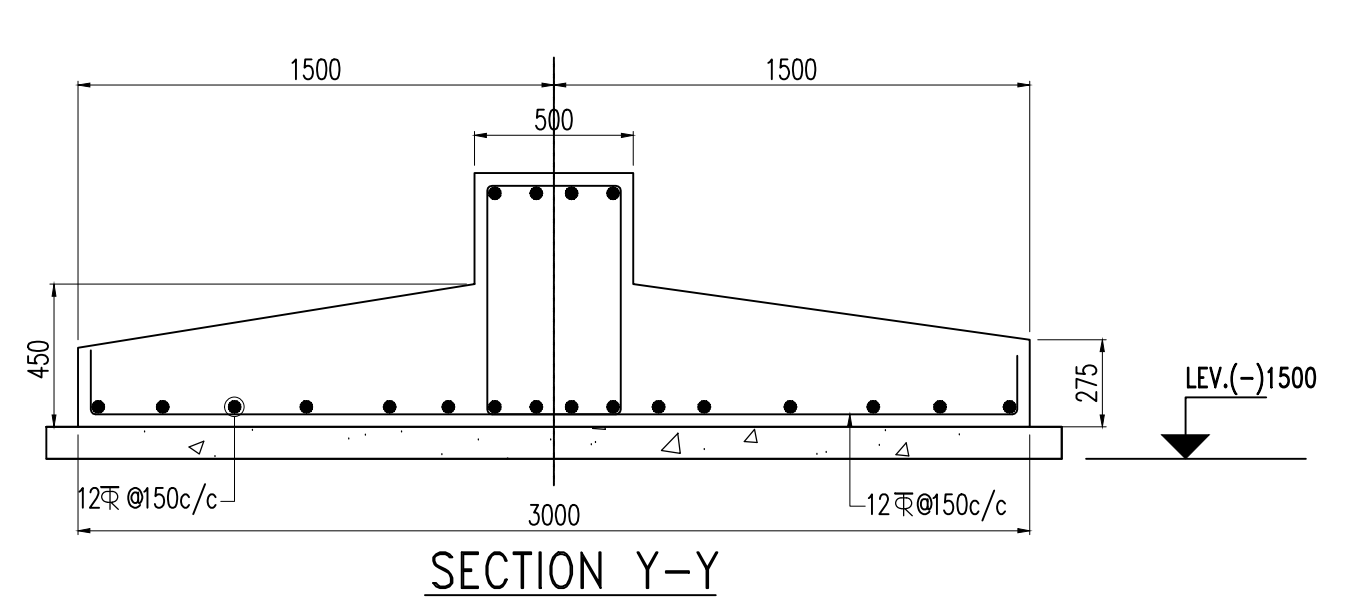
PANEL MKD.	THK. OF SLAB	REINFORCEMENT			
		ALONG SHORTER DIRECTION		ALONG LONGER DIRECTION	
		SUPPORT	SPAN	SUPPORT	SPAN
S1	125	8T @ 150C/C	8T @ 150C/C	8T @ 150C/C	8T @ 150C/C
DISTRIBUTION STEEL : 8T @ 300C/C					

COLUMN SCHEDULE

4TH TO ABOVE	2ND TO 4TH	FDN. TO 2ND	COLUMN MARKED
			C10
			C8, C9, C11, C14, C15
			C2, C3, C4, C17, C18, C19
			C5, C7, C12, C13, C20
			C1, C6, C16, C21



DETAIL OF ISOLATED FOOTING & COLUMN FOOTING JUNCTION



BEAM MKD.	SIZE OF BEAM	REINFORCEMENT					
		AT SUPPORT		AT SPAN		SHEAR REINF.	
		TOP	BOTTOM	TOP	BOTTOM	SUPPORT	SPAN
B1	250x450	2-16T+1-16T(ext)+3-16T(ext)(D.L)	3-16T	2-16T	3-16T+2-16T(ext)(D.L)	8T@125C/C	8T@200C/C
B2	250x450	2-16T+1-16T(ext)+2-16T(ext)(D.L)	2-16T	2-16T	2-16T+2-16T(ext)	8T@125C/C	8T@200C/C
B3	250x450	2-16T+1-20T(ext)+2-16T(ext)(D.L)	3-16T	2-16T	3-16T+2-16T(ext)(D.L)	8T@125C/C	8T@200C/C
B4	250x450	2-16T+2-12T(ext)	2-16T	2-16T	2-16T+2-12T(ext)	8T@125C/C	8T@200C/C
B5	250x450	2-16T+2-12T(ext)	2-16T	2-16T	2-16T	8T@125C/C	8T@200C/C
B6	250x600	AS PER DRAWING					
B7	250x450	2-16T+2-16T(ext)(D.L)	3-16T	2-16T	3-16T+2-16T(ext)(D.L)	8T@125C/C	8T@200C/C
B8	250x400	2-16T	2-16T	2-16T	2-16T+2-12T(ext)	8T@125C/C	8T@200C/C
B9	250x450	2-16T+2-12T(ext)	2-16T	2-16T	2-16T+2-12T(ext)	8T@125C/C	8T@200C/C
B10	250x400	2-16T	2-16T	2-16T	2-16T	8T@125C/C	8T@200C/C
B11	250x600	2-16T+2-12T(ext)	2-16T	2-16T	2-16T+2-12T(ext)	8T@125C/C	8T@200C/C
BHL	200x450	2-16T	2-16T	2-16T	2-16T	8T@125C/C	8T@200C/C

FDN MKD	TYPE OF FOUNDATION	UNDER COL. MKD.	LENGTH	BREATH	SIZE OF PEDESTAL (REINFORCED)	HEIGHT OF PEDESTAL (H)	THICKNESS OF SLAB			REINFORCEMENT	
							D	d			
F1	ISOLATED FOOTING	C12	2800	2800	400x600	750	450	275	12T@115c/c	12T@115c/c	
F2		C7,C13	2600	2600	400x600	775	425	250	12T@125c/c	12T@125c/c	
F3		C1,C6,C16,C21	2300	2300	400x550	825	375	200	12T@150c/c	12T@150c/c	
F4	COMBINED FOOTING	C2+C3+C8+C9+C14+C15+C17+C18	AS PER LAYOUT	-	-	-	425	425	12T@125c/c(T)	12T@200c/c(T)	
F5		C4+C5+C10+C11+C19+C20	AS PER LAYOUT	-	-	-	450	275	12T@150c/c	12T@150c/c	

IMPORTANT NOTES :-

- 1) ALL DIMENSIONS AND LEVELS SHOWN IN THE DRAWING ARE IN MM AND SHOULD BE FOLLOWED AS SHOWN IN THE DRAWING.
- 2) THE DRAWING SHOULD BE READ IN CONJUNCTION WITH ARCHITECTURAL DRAWING AND ANY DISCREPANCY BETWEEN THE TWO SHOULD BE BROUGHT TO THE NOTICE OF THE CONSULTANT BEFORE COMMENCING OF JOB.
- 3) LEVELS IN THE DRAWING ARE SHOWN WITH REFERENCE TO EXISTING G.L. AT SITE, WHICH HAS BEEN MARKED AS R.L. +/-0.00.
- 4) THE DRAWINGS SHOULD BE STUDIED CAREFULLY AND ALL DIMENSIONS SHOWN HERE SHOULD BE CHECKED AT SITE. CLARIFICATION REGARDING DISCREPANCY IF ANY, SHOULD BE OBTAINED BEFORE COMMENCEMENT OF WORK.
- 5) SPACER BAR USED SHALL BE OF 20mm. OR DIAMETER OF THE BAR USED IN THE JOB WHICH IS LARGER.
- 6) STEEL TO BE USED SHOULD BE OF Fe-500 GRADE. REINFORCEMENT SHOULD BE WITH COLD TWISTED DEFORMED BARS CONFORMING TO IS : - 1786 AND HAVE BEEN SHOWN AS FE.
- 7) CONCRETE SHOULD BE OF GRADE M20.
- 8) CLEAR COVER FOR MAIN REINFORCEMENT UNLESS MENTIONED SHOULD BE AS BELOW :-
 - a) FOOTING:- 75 MM
 - b) FLOOR BEAM:- 25 MM , FLOOR SLAB = 15 MM
 - c) COLUMN:- 40MM
- 9) ANCHORAGE/LAP LENGTH SHOULD NOT BE LESS THAN 50 D FOR TENSION BAR AND 40 D FOR COMPRESSION BAR.
- 10) WRITTEN DIMENSIONS ARE TO BE FOLLOWED.

OFFICE SEAL

BHASKAR YOTI ROY
B.C.E., M.I.E., C. ENG (I)
BM/S.T-1/24-25/133
BURDWAN MUNICIPALITY
SIGNATURE OF STRUCTURAL ENGINEER

PLAN FOR PROP. G + IV STD. RESIDENTIAL (FLAT) RESIDENTIAL TYPE BUILDING (HIGHT- 15.4 M.) OF 1) SMT. RUPA PALIT, W/O LATE SRISTIDHAR PALIT, 2) SMT. RUNA MITRA, W/O BIJOY KUMAR MITRA, 3) RANU DUTTA W/O MOHAN KUMAR DUTTA, AT MOUZA - BAHIR SARBAMANGALA, J.L. NO - 42, R.S. PLOT NO. - 1694, 1697, R.S. KH. NO - 17, L.R. PLOT NO - 4568, L.R. KH. NO - 18342, 18343, 18344, MAHALLA - B.S. ROAD, HOLDING NO - 54, WARD NO - 03, UNDER BURDWAN MUNICIPALITY, P.S.- BURDWAN, DIST.- PURBA BARDHAMAN, (SCALE - 1:100)

STRUCTURAL SANCTION DRAWING

TITLE:
COLUMN & FOUNDATION BEAM DETAIL

DRAWN BY: M.R.
CHECKED BY:
APPROVED BY:
DATE : 25.07.24
REV : 0
USED SCALE:-1:100
and as noted