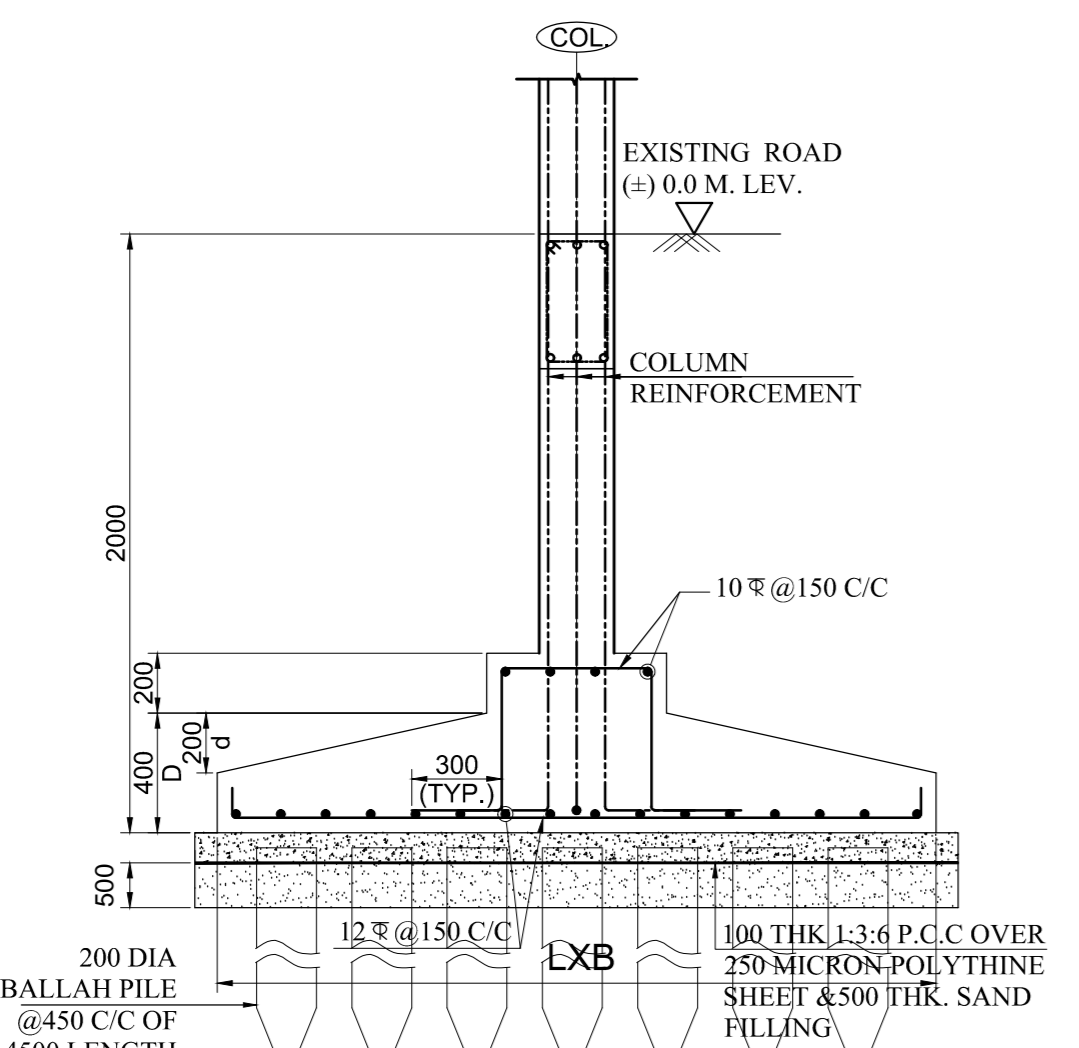
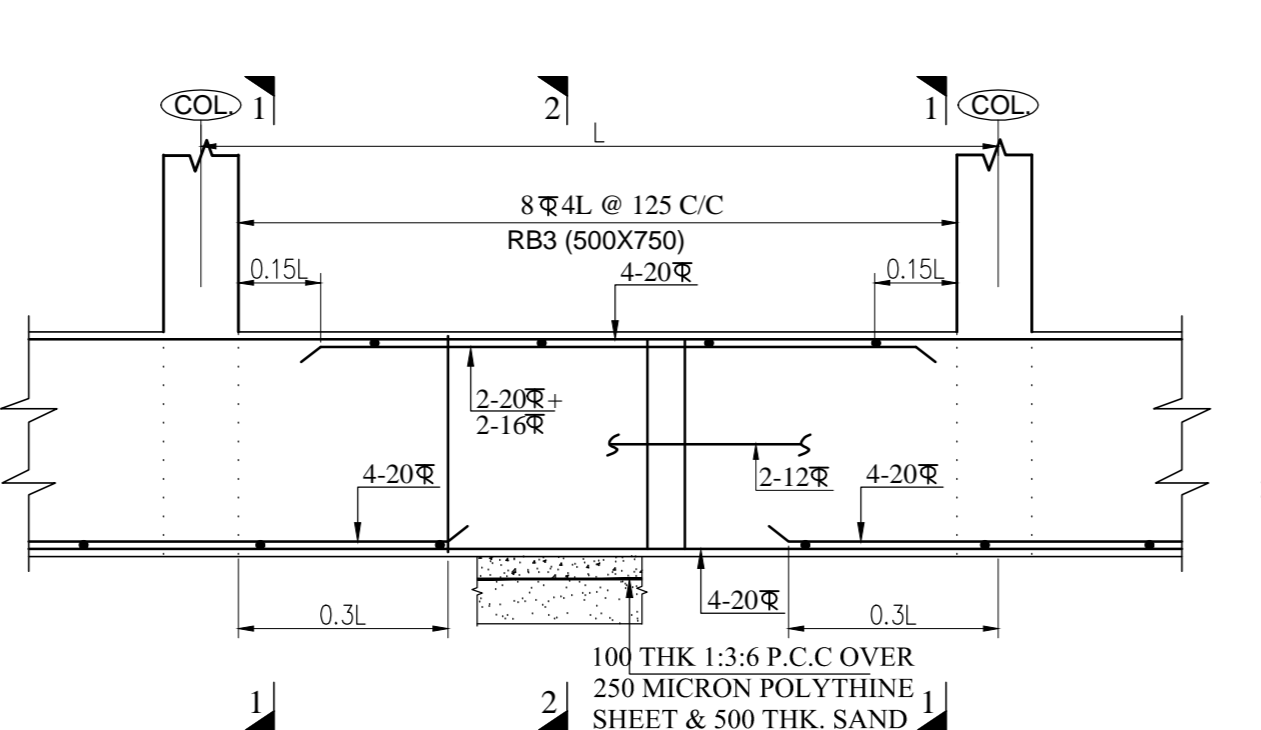


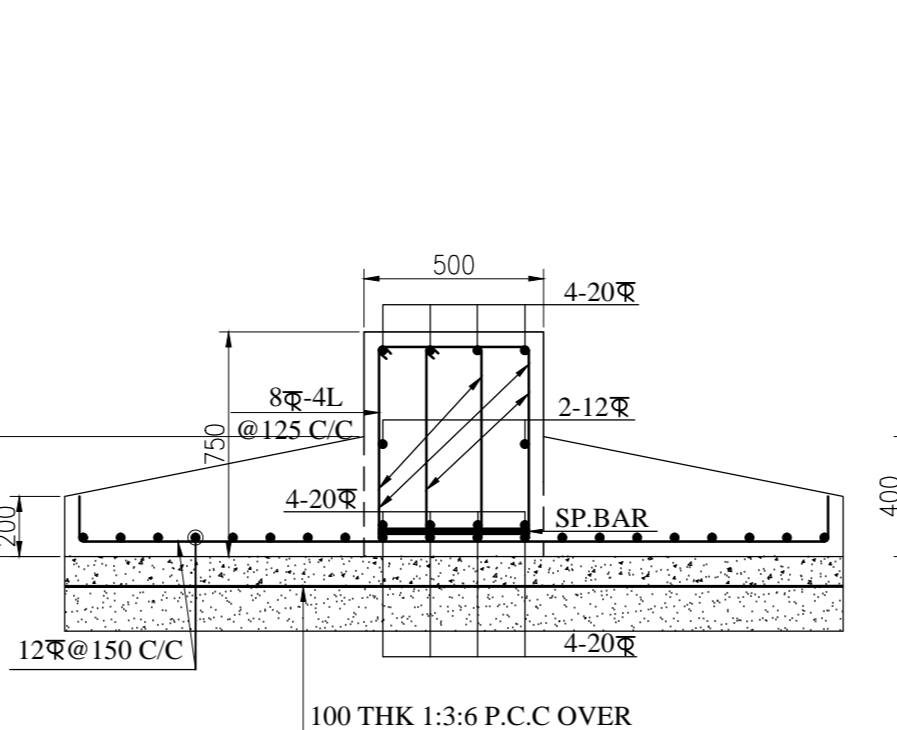
TYP. DETAIL OF FOOTING MKD. F.1. SCALE 1:25



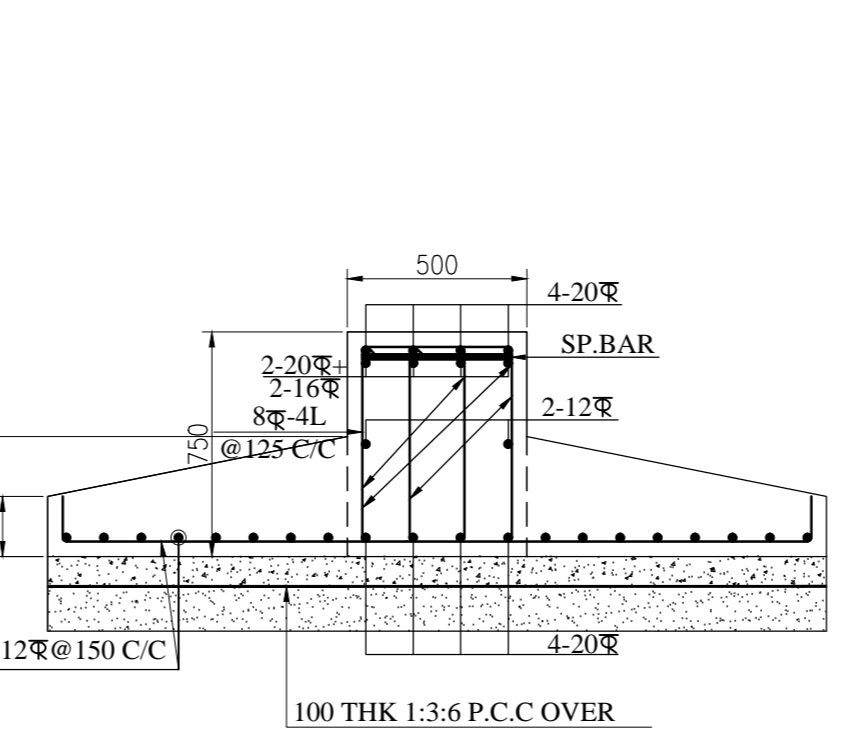
SECTION ON A-A. SCALE 1:25



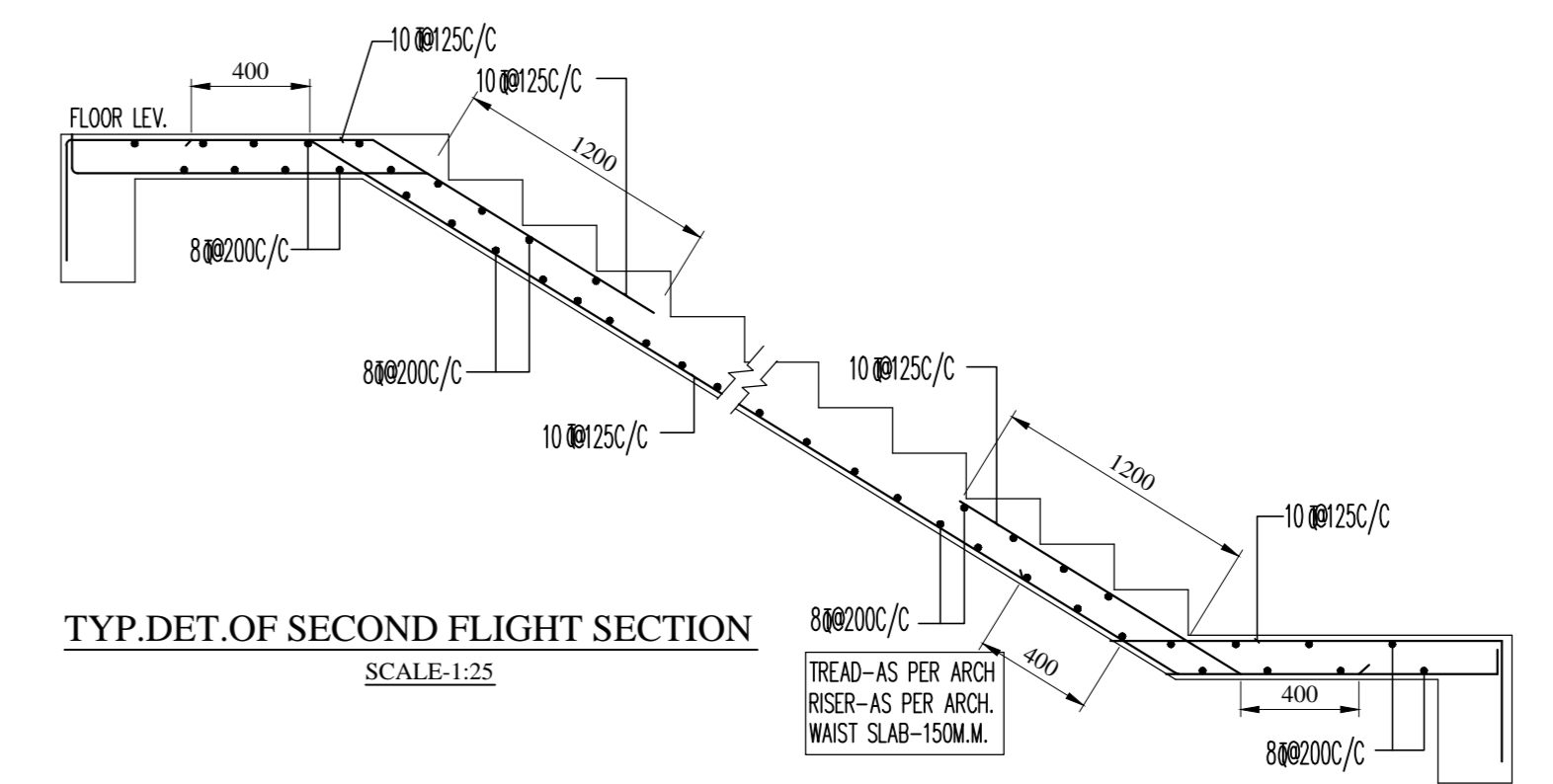
TYPICAL R.C.C DETAIL OF FOUNDATION BEAM RB1(500X750). SCALE 1:25



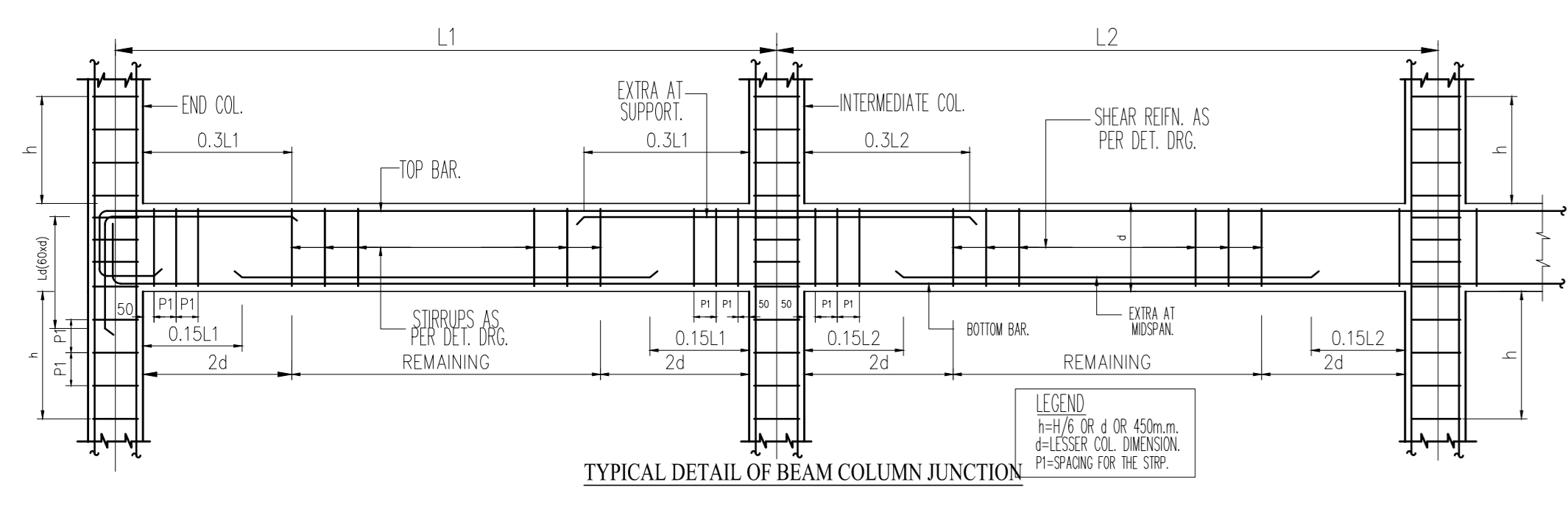
SECTION ON '1-1'. SCALE 1:25



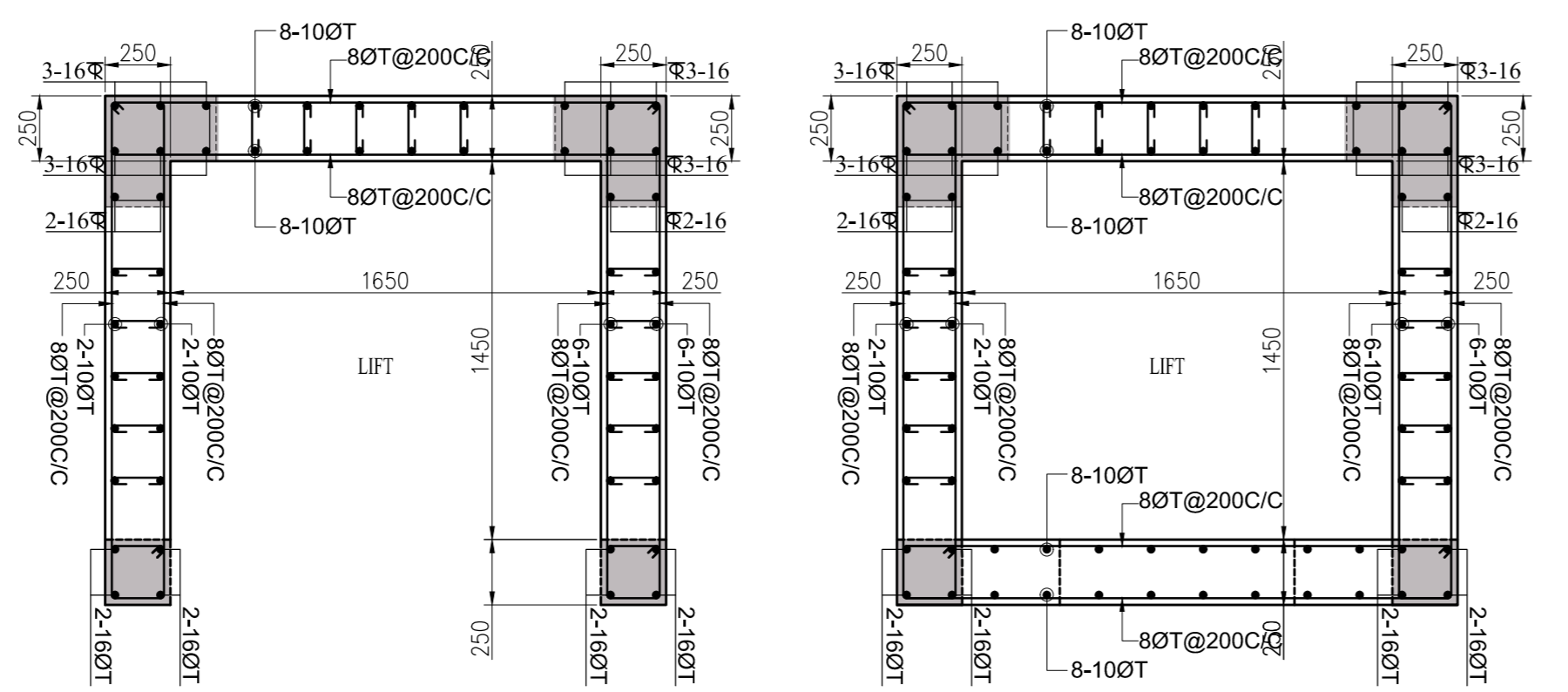
SECTION ON '2-2'. SCALE 1:25



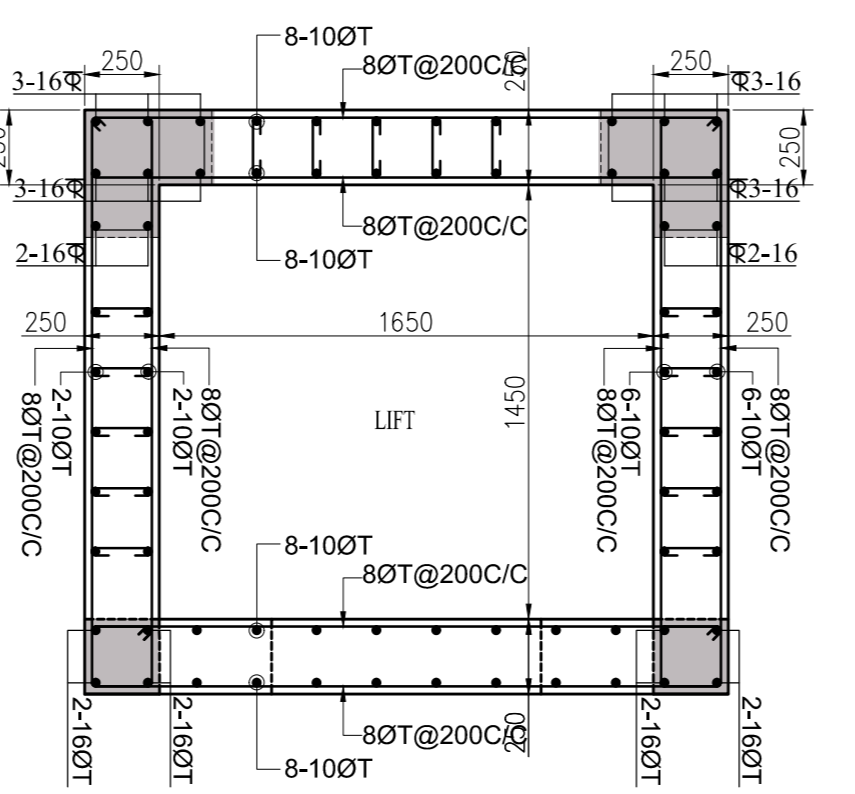
TYP. DET. OF SECOND FLIGHT SECTION. SCALE 1:25



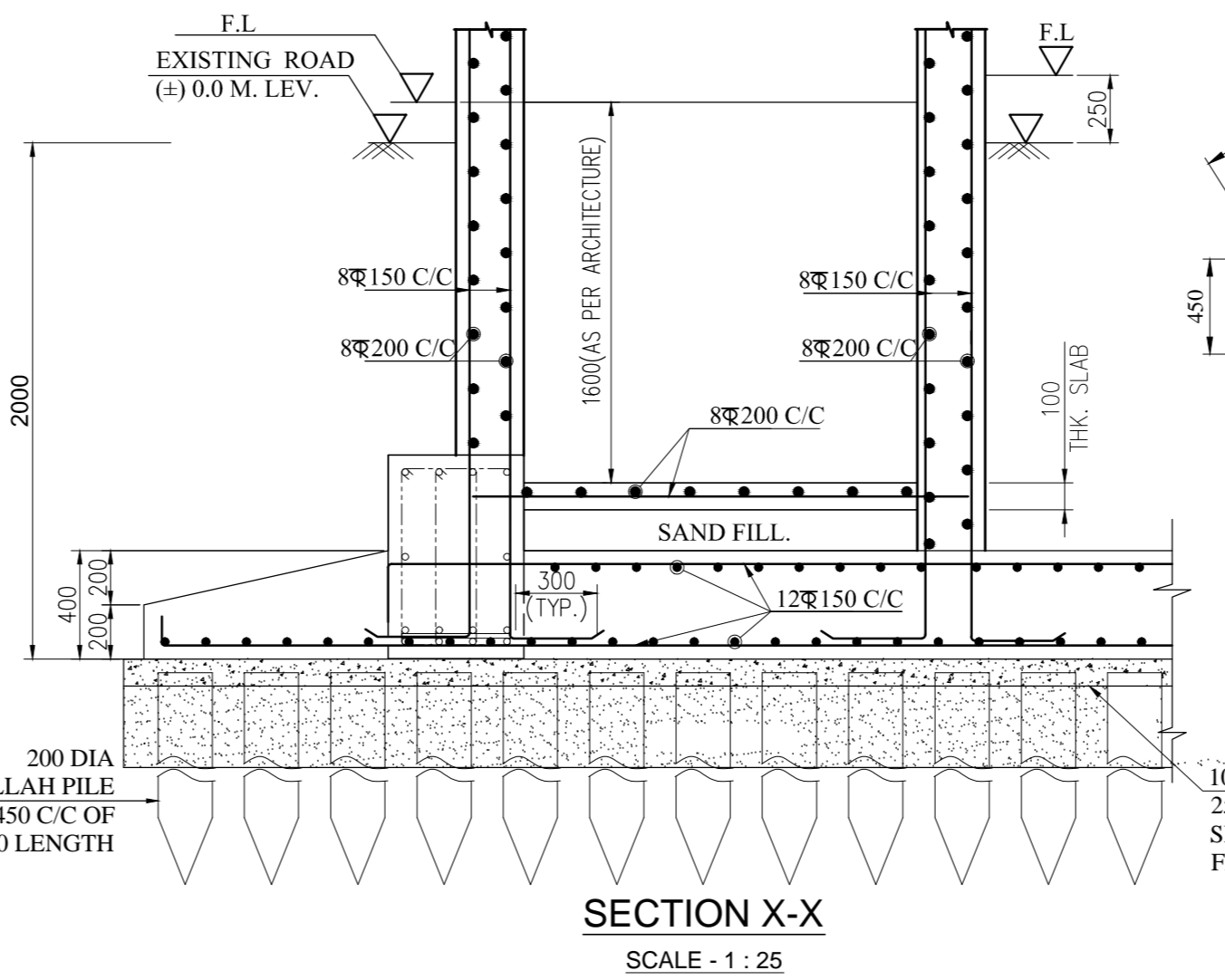
TYPICAL DETAIL OF BEAM COLUMN JUNCTION



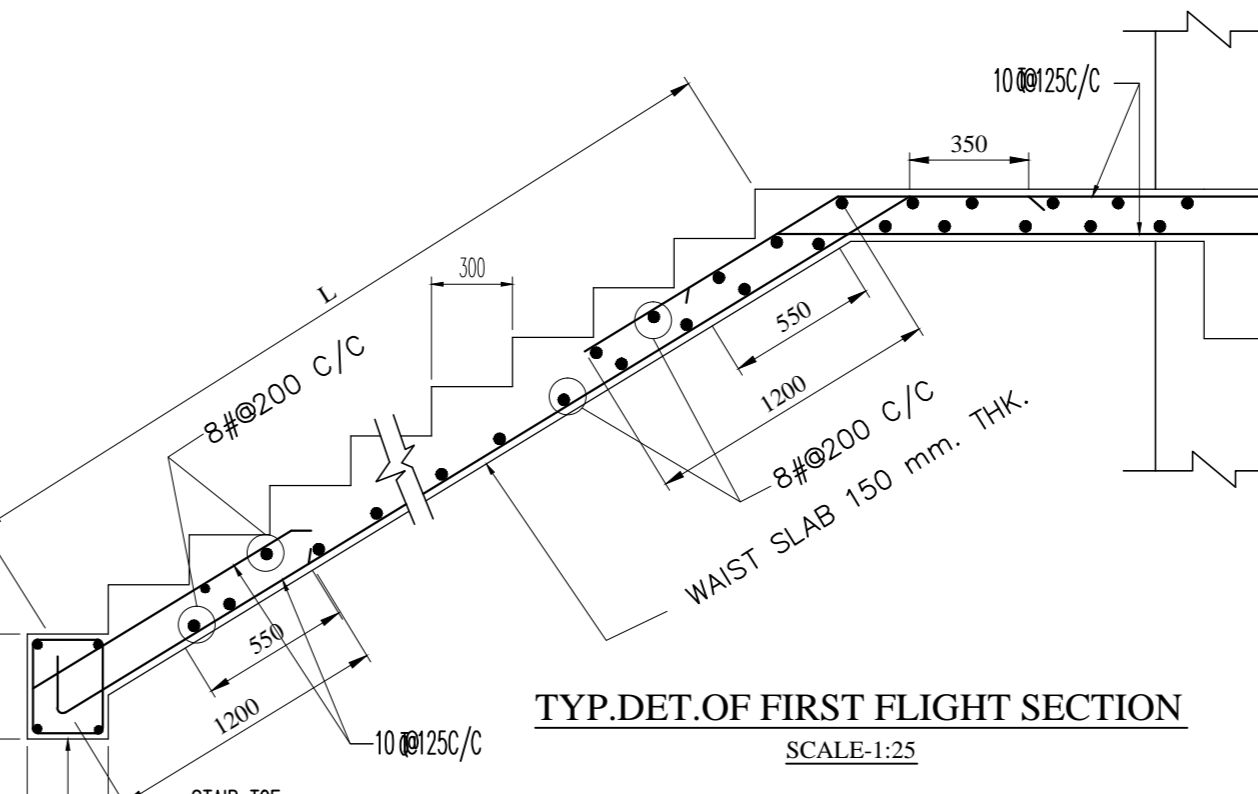
DETAILS OF LIFT ABOVE PLINTH. SCALE 1:25



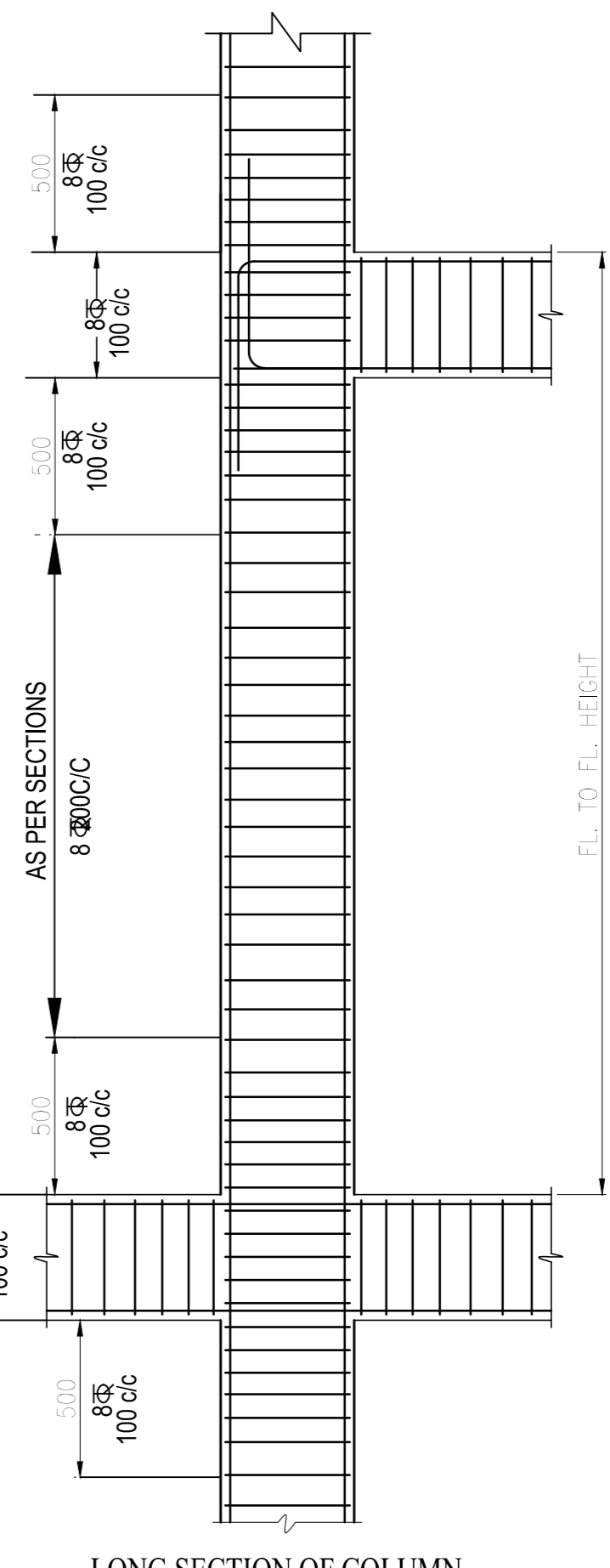
DETAILS OF LIFT BELOW PLINTH. SCALE 1:25



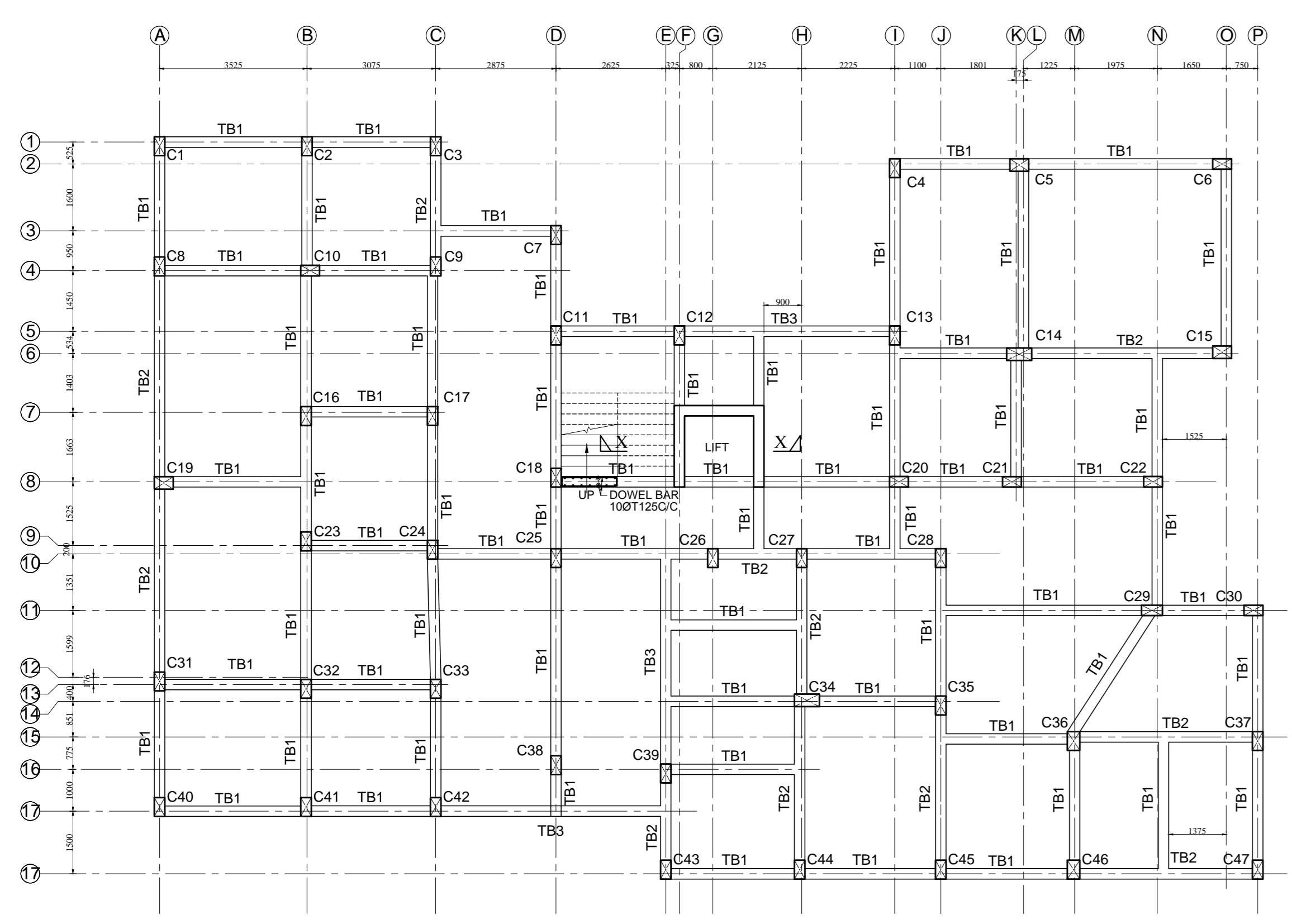
SECTION X-X. SCALE 1:25



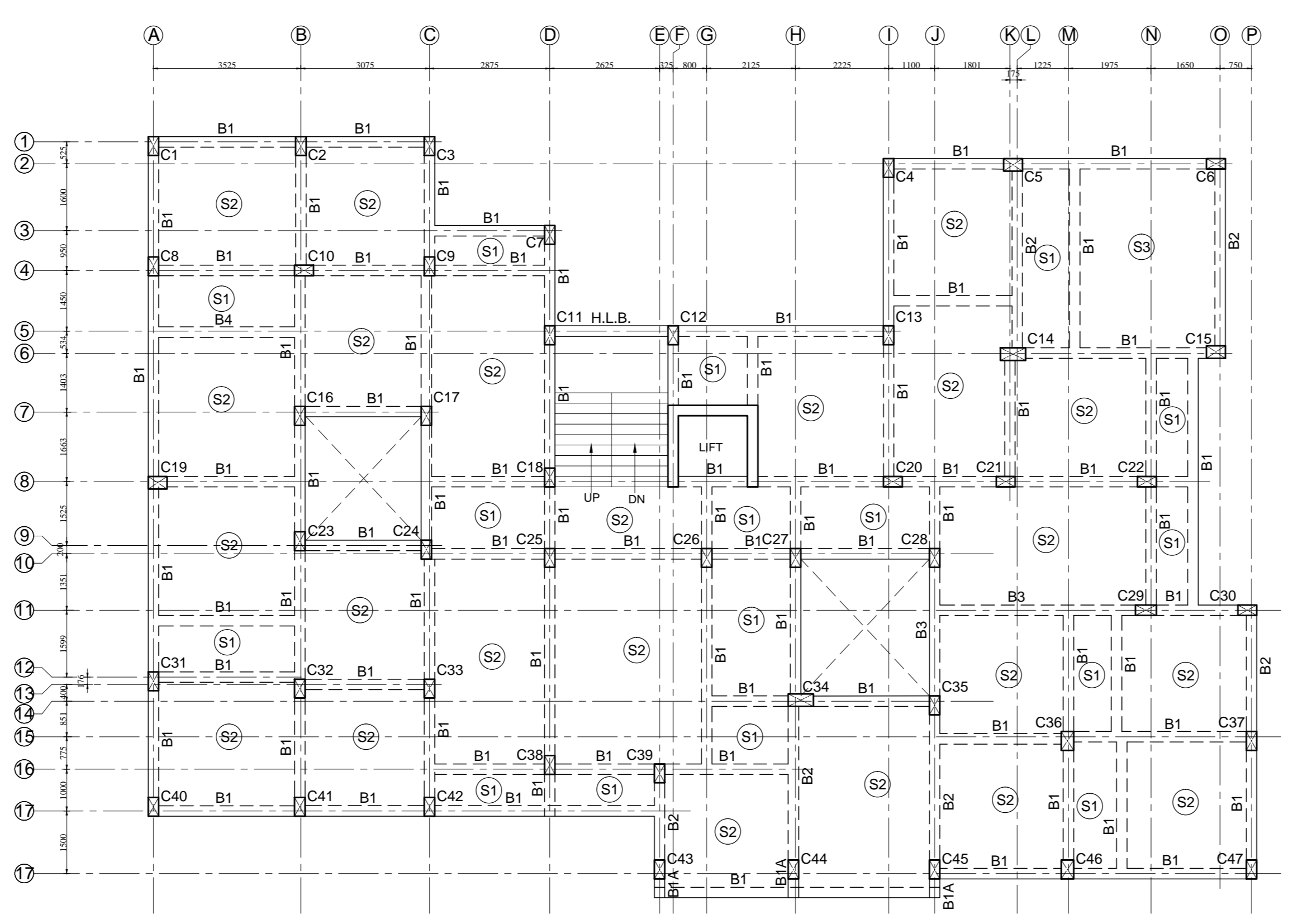
TYP. DET. OF FIRST FLIGHT SECTION. SCALE 1:25



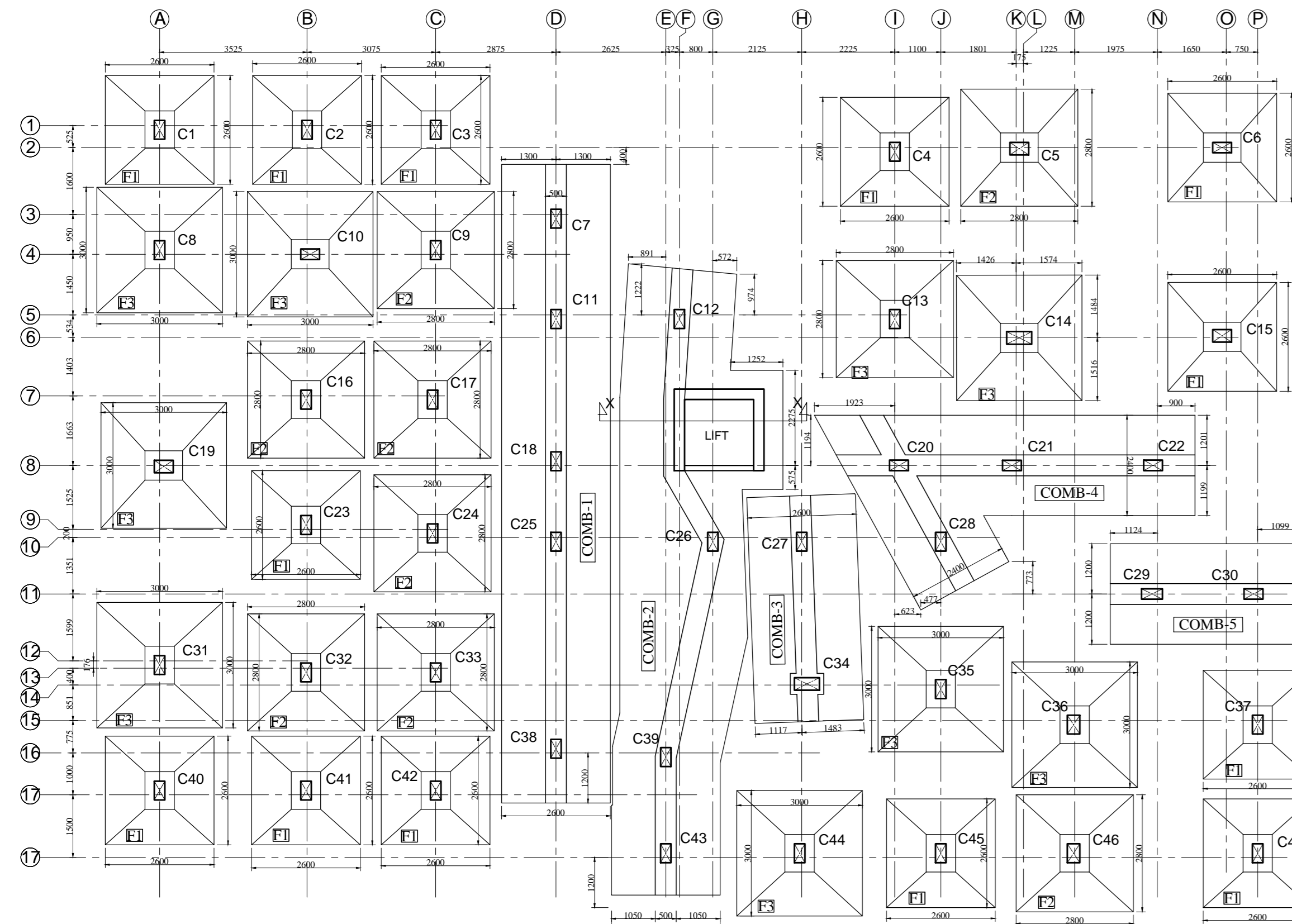
LONG SECTION OF COLUMN SHOWING LINK DETAILS



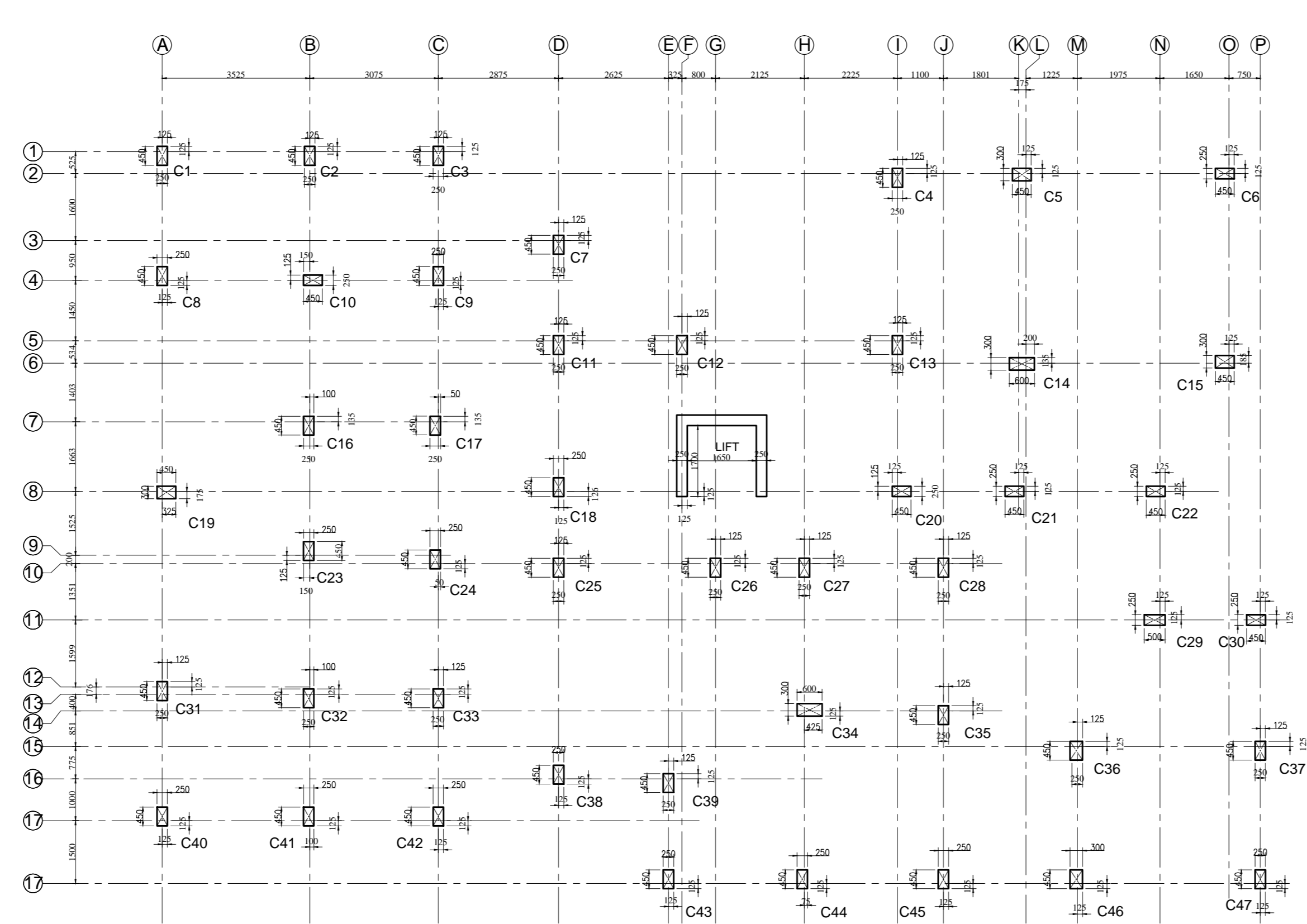
TIE BEAM LAYOUT PLAN. SCALE 1:100



TYP FLOOR BEAM & SLAB LAYOUT PLAN. SCALE 1:100



FOUNDATION LAYOUT PLAN. SCALE 1:100



COLUMN LAYOUT PLAN. SCALE 1:100

BEAM MKD.	SIZE (MMxMM)	TOP		BOT.		STIRRUPS (2 LEGGED)	
		ALTH	EXT(AT SUPT.)	ALTH	EXT(MID SPAN)	AT SUPPORT	AT SPAN.
TB1	250x450	3-120T	---	3-120T	---	2L80T@125C	2L80T@150C
TB2	250x450	2-160T+1-120T	---	2-160T+1-120T	---	2L80T@125C	2L80T@150C
TB3	250x450	3-160T	---	3-160T	---	2L80T@125C	2L80T@150C

MKD.	SIZE (mm)			DEPTH OF BASE SLAB		REINFORCEMENT	
	W	L	D	d	SHORTER(D)	LONGER(L)	
F1	2600	2600	400	200	120T@150 C/C	120T@150 C/C	
F2	2800	2800	450	200	120T@150 C/C	120T@150 C/C	
F3	3000	3000	500	200	120T@125 C/C	120T@125 C/C	
F4	3200	3200	500	200	120T@125 C/C	120T@125 C/C	
COMB-1	AS SHOWN	400	200	120T@150 C/C	120T@150 C/C		
COMB-2	AS SHOWN	400	200	120T@150 C/C	120T@150 C/C		
COMB-3	AS SHOWN	400	200	120T@150 C/C	120T@150 C/C		
COMB-4	AS SHOWN	400	200	120T@150 C/C	120T@150 C/C		
COMB-5	AS SHOWN	400	200	120T@150 C/C	120T@150 C/C		

SUPPORT	SPAN	SLAB THICKNESS AS MENTIONED - 125MM (ALONG SHORTER DIRECTION)		REINFORCEMENT	
		Support	Span	Support	Span
8mm@150	150mm c/c at top of support & extended upto L/3 from beam.	150mm	150mm	8mm@150	8mm@150
8mm@150	150mm c/c at span & alternately curtailed at L/4 from beam.	150mm	150mm	8mm@150	8mm@150

SUPPORT	SPAN	SLAB THICKNESS AS MENTIONED - 115 MM (ALONG SHORTER DIRECTION)		REINFORCEMENT	
		Support	Span	Support	Span
8mm@150	150mm c/c at top of support & extended upto L/3 from beam.	115mm	115mm	8mm@150	8mm@150
8mm@150	150mm c/c at span & alternately curtailed at L/4 from beam.	115mm	115mm	8mm@150	8mm@150

SUPPORT	SPAN	SLAB THICKNESS AS MENTIONED - 115 MM (ALONG LONGER DIRECTION)		REINFORCEMENT	
		Support	Span	Support	Span
8mm@150	150mm c/c at top of support & extended upto L/3 from beam.	115mm	115mm	8mm@150	8mm@150
8mm@150	150mm c/c at span & alternately curtailed at L/4 from beam.	115mm	115mm	8mm@150	8mm@150

BEAM MKD.	SIZE (MMxMM)	TOP		BOT.		STIRRUPS (2 LEGGED)	
		ALTH	EXT(AT SUPT.)	ALTH	EXT(MID SPAN)	AT SUPPORT	AT SPAN.
B1	250x450	2-16 T	2-16 T	2-16 T	2-16 T	2L80T@125C	2L80T@150C
B2	250x450	2-16 T	2-20 T	2-16 T	2-20 T	2L80T@125C	2L80T@150C
B3	250x450	3-16 T	2-20 T	3-20 T	2-16 T	2L80T@125C	2L80T@150C
B4	250x450	2-200T	2-16 T	2-20 T	2-160T	2L80T@125C	2L80T@150C
B5	250x450	3-12 T	-----	2-120T+1-160T	-----	2L80T@125C	2L80T@150C
B6 H.L.B.	250x450	3-12 T	-----	3-12 T	-----	2L80T@125C	2L80T@150C
B1A	250x450	2-120T+1-160T	-----	2-12 T	-----	2L80T@125C	2L80T@150C
B1A	250x450	4-160T	-----	2-16 T	-----	2L80T@125C	2L80T@150C

COLUMN NOS.	GR. OF CONCRETE	COLUMN SIZE	M-40		M-30		STIRRUPS
			FDN TO 2ND FLOOR	2ND TO ROOF	FDN TO 2ND FLOOR	2ND TO ROOF	
C1	250x450	6-160T+2-120T	4-160T+4-120T	4-160T+4-120T	4-160T+4-120T	8-200T	
C2	250x450	8-160T	8-160T	8-160T	8-160T	8-160T	
C3	250x450	4-200T+2-120T	4-160T+4-120T	4-160T+4-120T	4-160T+4-120T	8-200T	
C4	250x450	8-160T	8-160T	8-160T	8-160T	8-160T	
C5	300x450	4-200T+4-160T	4-160T+4-160T	4-160T+4-160T	4-160T+4-160T	8-200T	
C6	250x450	8-160T	8-160T	8-160T	8-160T	8-160T	
C7	250x450	6-160T+2-120T	4-160T+4-120T	4-160T+4-120T	4-160T+4-120T	8-200T	
C8	250x450	8-160T	8-160T	8-160T	8-160T	8-160T	
C9	250x450	4-200T+4-160T	8-160T	8-160T	8-160T	8-160T	
C10	250x450	4-200T+4-160T	8-160T	8-160T	8-160T	8-160T	
C11	250x450	8-200T	4-200T+4-160T	8-200T	8-200T	8-200T	
C12	250x450	8-200T	8-200T	8-200T	8-200T	8-200T	
C13	250x450	4-200T+4-160T	8-160T	8-160T	8-160T	8-160T	
C14	300x600	4-200T+4-160T	10-160T	10-160T	10-160T	10-160T	
C15	300x450	6-200T+4-160T	12-160T	12-160T	12-160T	12-160T	
C16	250x450	4-200T+4-160T	4-200T+4-160T	4-200T+4-160T	4-200T+4-160T	8-200T	
C17	250x450	4-200T+4-160T	4-200T+4-160T	4-200T+4-160T	4-200T+4-160T	8-200T	
C18	250x450	8-200T	4-200T+4-160T	4-200T+4-160T	4-200T+4-160T	8-200T	
C19	300x450	4-200T+6-160T	10-160T	10-160T	10-160T	10-160T	
C20	250x450	4-200T+4-160T	8-160T	8-160T	8-160T	8-160T	
C21	250x450	4-200T+4-160T	8-160T	8-160T	8-160T	8-160T	
C22	250x450	8-200T	4-200T+4-160T	4-200T+4-160T	4-200T+4-160T	8-200T	
C23	250x450	8-160T	6-160T+4-120T	6-160T+4-120T	6-160T+4-120T	8-160T	
C24	250x450	4-200T+4-160T	8-160T	8-160T	8-160T	8-160T	
C25	250x450	8-200T	4-200T+4-160T	4-200T+4-160T	4-200T+4-160T	8-200T	
C26	250x450	8-200T	8-200T	8-200T	8-200T	8-200T	
C27	250x450	8-200T	4-200T+4-160T	4-200T+4-160T	4-200T+4-160T	8-200T	
C28	250x450	8-200T	4-200T+4-160T	4-200T+4-160T	4-200T+4-160T	8-200T	
C29	250x500	4-200T+4-160T	8-160T	8-160T	8-160T	8-160T	
C30	250x450	8-160T	4-160T+4-120T	4-160T+4-120T	4-160T+4-120T	8-160T	
C31	250x450	4-200T+4-160T	8-160T	8-160T	8-160T	8-160T	
C32	250x450	4-200T+4-160T	8-160T	8-160T	8-160T	8-160T	
C33	250x450	4-200T+4-160T	8-160T	8-160T	8-160T	8-160T	
C34	300x600	4-200T+4-160T	10-160T	10-160T	10-160T	10-160T	
C35	250x450	4-200T+4-160T	8-160T	8-160T	8-160T	8-160T	
C36	250x450	8-200T	4-200T+4-160T	4-200T+4-160T	4-200T+4-160T	8-200T	
C37	250x450	4-200T+4-160T	8-160T	8-160T	8-160T	8-160T	
C38	250x450	4-200T+4-160T	8-160T	8-160T	8-160T	8-160T	
C39	250x450	4-200T+4-160T	8-160T	8-160T	8-160T	8-160T	
C40	250x450	6-160T+2-120T	4-160T+4-120T	4-160T+4-120T	4-160T+4-120T	8-160T	
C41	250x450	8-160T	8-160T	8-160T	8-160T	8-160T	
C42	250x450	4-200T+4-160T	8-160T	8-160T	8-160T	8-160T	
C43	250x450	6-160T+2-120T	4-160T+4-120T	4-160T+4-120T	4-160T+4-120T	8-160T	
C44	250x450	4-200T+4-160T	8-160T	8-160T	8-160T	8-160T	
C45	250x450	8-160T	8-160T	8-160T	8-160T	8-160T	
C46	300x450	10-160T	8-160T+2-120T	8-160T+2-120T	8-160T+2-120T	10-160T	
C47	250x450	6-160T+2-120T	6-160T+2-120T	6-160T+2-120T	6-160T+2-120T	8-160T	

STRUCTURAL CERTIFICATE
 I/WE DO HEREBY CERTIFY THAT THE FOUNDATION AND SUPER STRUCTURE OF THE BUILDING PROPOSED FOR CONSTRUCTION AT HOLDING NO. 549, AGHORE SARANI, WARD NO. 16 UNDER THE JURISDICTION OF RAJPUR SONARPUR MUNICIPALITY HAVE BEEN PERSONALLY INSPECTED AND SO DESIGN BY ME/US WILL MAKE SUCH FOUNDATION AND SUPERSTRUCTURE SAFE IN ALL RESPECT INCLUDING THE CONSIDERATION OF BEARING CAPACITY AND SETTLEMENT OF SOIL AND OTHER CONDITIONS IF ANY, CONFIRMING TO ALL STIPULATIONS OF ALL RELEVANT IS CODE OF PRACTICE AND NATIONAL BUILDING CODE.

DECLARATION OF E.A.
 I/WE DO HEREBY CERTIFY THAT PLANS, ELEVATIONS AND SECTIONS AND OTHER STRUCTURAL DETAILS OF THE PROPOSED BUILDING ON HOLDING NO. 549, AGHORE SARANI, WARD NO. 16 UNDER THE JURISDICTION OF RAJPUR SONARPUR MUNICIPALITY HAVE BEEN PREPARED IN CONFORMITY WITH ALL RELEVANT PROVISIONS UNDER THE WEST BENGAL MUNICIPAL (BUILDING) RULES 2007. THIS ALSO TO CERTIFY THAT RELEVANT NO OBJECTION CERTIFICATES FROM THE RESPECTIVE AUTHORITIES SUCH AS, FIRE AND EMERGENCY SERVICE DEPARTMENT, AIRPORT AUTHORITY, POLLUTION CONTROL BOARD, TELECOMMUNICATION DEPARTMENT ETC. AS APPLICABLE IN THIS REGARD, ARE ALSO ENCLOSED WITH THE APPLICATIONS FOR SEEKING APPROVAL OF THE PLAN TO CONSTRUCT/RECONSTRUCT/ADDITION TO ALTERATION OF THE BUILDING ON THE SAID HOLDING.

SARBANI MAZUMDER
 COA. REG. NO. 9215458
 E.I.A. NO. 055
 UNDER RAJPUR SONARPUR MUNICIPALITY
 NAME OF ARCHITECT

I/WE DO HEREBY CERTIFY THAT THE FOUNDATION AND SUPER STRUCTURE OF THE BUILDING PROPOSED FOR CONSTRUCTION AT HOLDING NO. 549, AGHORE SARANI, WARD NO. 16 UNDER THE JURISDICTION OF RAJPUR SONARPUR MUNICIPALITY HAVE BEEN PERSONALLY INSPECTED AND SO DESIGN BY ME/US WILL MAKE SUCH FOUNDATION AND SUPERSTRUCTURE SAFE IN ALL RESPECT INCLUDING THE CONSIDERATION OF BEARING CAPACITY AND SETTLEMENT OF SOIL AND OTHER CONDITIONS IF ANY, CONFIRMING TO ALL STIPULATIONS OF ALL RELEVANT IS CODE OF PRACTICE AND NATIONAL BUILDING CODE.

SANKAR CHAKRABARTY
 M. TECH. SOIL MECHS.
 CONSULTANT GEOTECHNICAL ENGRG.
 ENR. NO. 10431 E-RIJN
 NAME OF GEOTECHNICAL ENGINEER

SURENDRA BHUSAN CHAKRABORTY AND OTHERS
 OWNERS NAME

PROJECT
STRUCTURAL SHEET OF PROPOSED G+V STORIED RESIDENTIAL BUILDINGS AT HOLDING NO. 549, AGHORE SARANI, WARD NO. 16, J.L. NO. 55, R.S DAG NO. 2128, R.S KHATIAN NO. 1585, 1587, 1592, 1593 AT MOUZA - RAJPUR P.S. SONARPUR, DIST.-24PGS.(S), UNDER RAJPUR SONARPUR MUNICIPALITY

NAME OF OWNER : SURENDRA BHUSAN CHAKRABORTY AND OTHERS

DRAWN - Surendra CHAKRABORTY
 DESIGNED - DATE - 18.04.2023
 CHECKED -
 APPROVED -
 JOB NO

Sanyalson Associates
 Consultant Pvt. Ltd.
 CONSULTANT PLANNER & STRUCTURAL ENGINEERS
 P-157 KANUNGO PARK KOLKATA-84

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