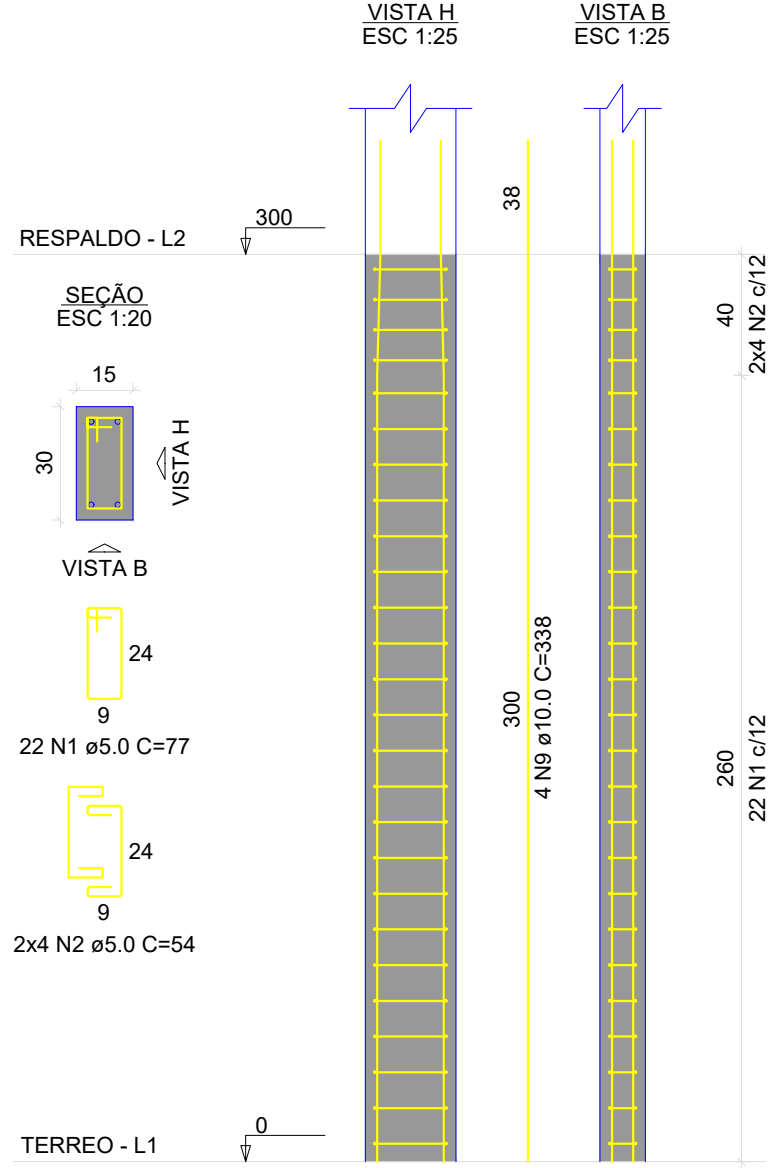
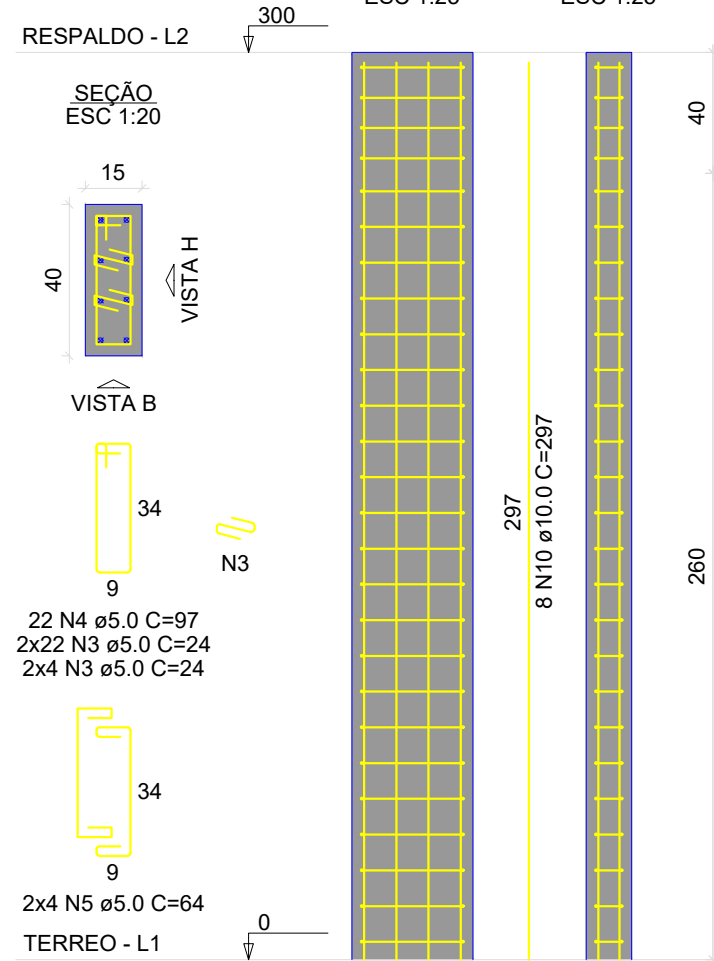


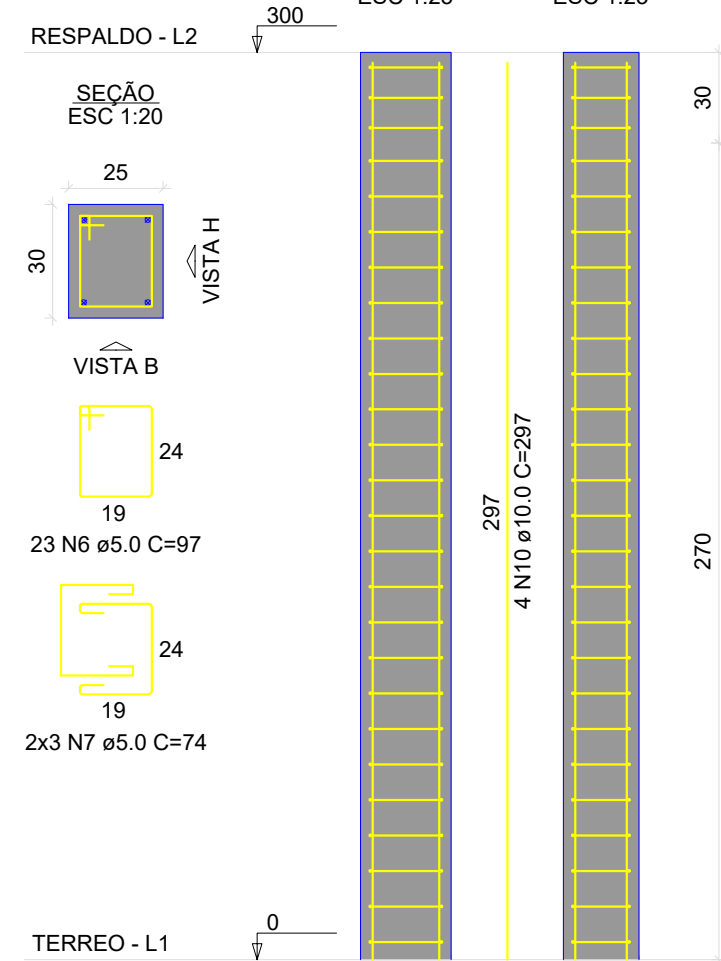
P1=P3=P4=P6



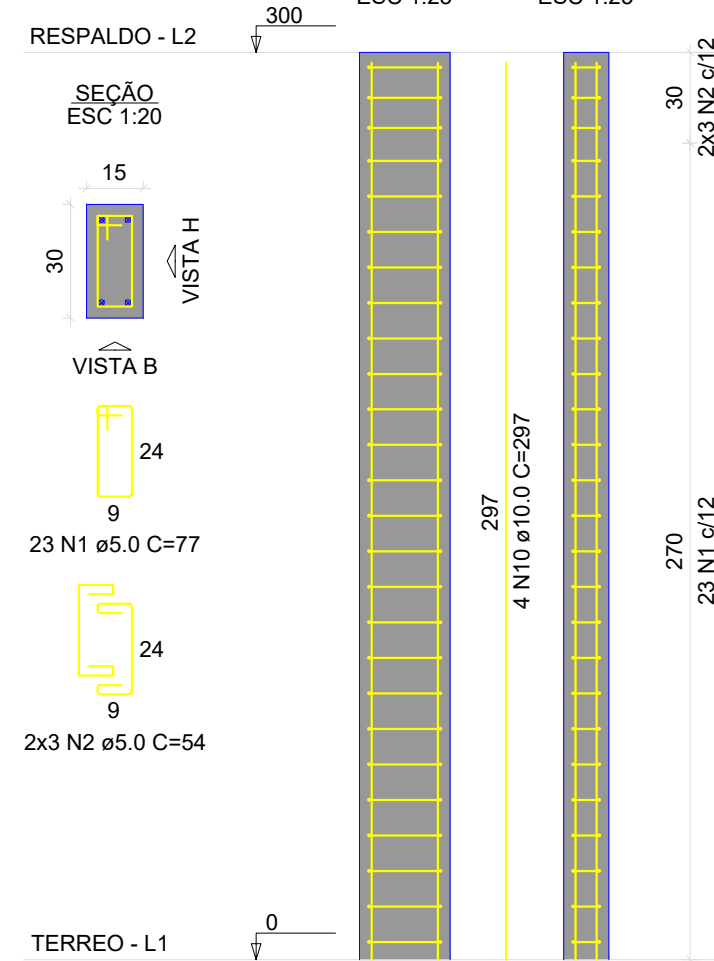
P2=P5



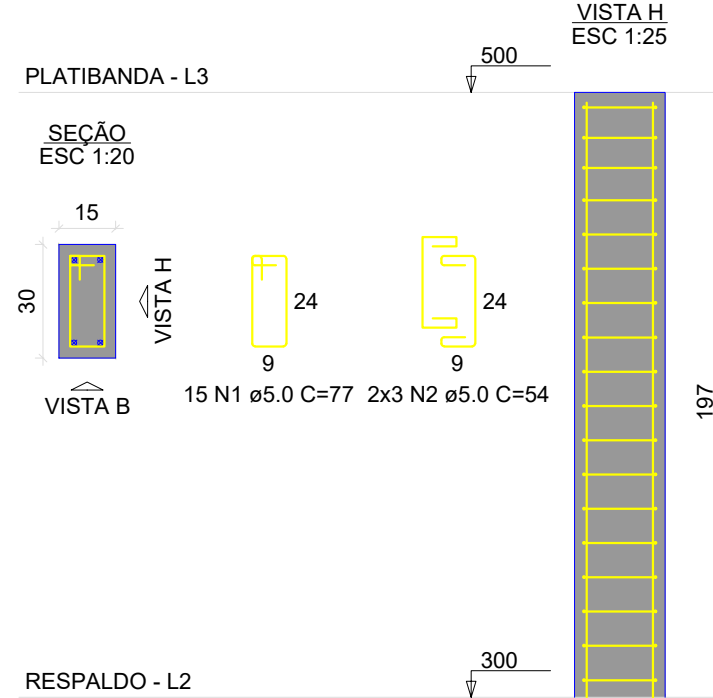
P7



P8=P9



P1=P3=P4=P6



RELAÇÃO DO AÇO Pilares superestrutura					
4xP1-L3 P7-L2		4xP1-L2 2xP8-L2		2xP2-L2	
AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	194	77	14938
	2	5.0	68	54	3672
	3	5.0	104	24	2496
	4	5.0	44	97	4268
	5	5.0	16	64	1024
CA50	6	5.0	23	97	2231
	7	5.0	6	74	444
	8	10.0	16	197	3152
	9	10.0	16	338	5408
	10	10.0	28	297	8316

RESUMO DO AÇO			
AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10% (kg)
CA50	10.0	188.8	114.5
CA60	5.0	290.7	49.3
PESO TOTAL (kg)			114.5
CA50			114.5
CA60			49.3

Volume de concreto (C-25) = 1.75 m³
Área de forma = 33.30 m²

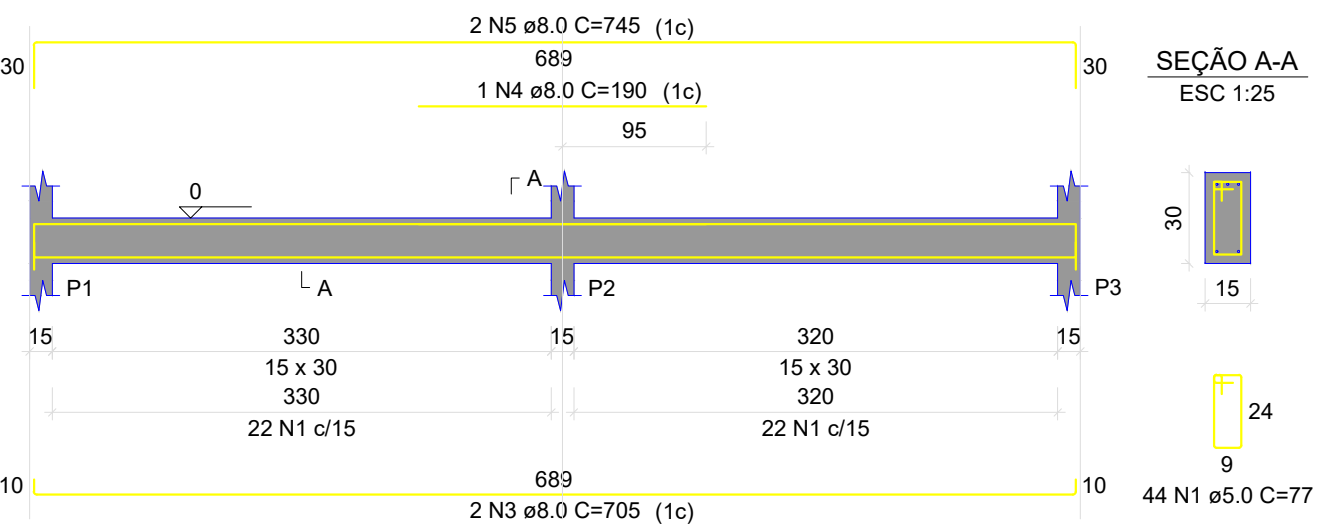
RELAÇÃO DO AÇO vigas baldrame

V1 V4 V7		V2 V5		V3 V6	
AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	189	77	14553
	2	5.0	8	149	1192
	3	8.0	4	705	2820
	4	8.0	1	190	190
	5	8.0	2	745	1490
CA50	6	8.0	2	194	388
	7	8.0	2	238	476
	8	8.0	6	454	2724
	9	8.0	6	476	2856
	10	8.0	2	159	318
	11	8.0	2	203	406
	12	10.0	2	738	1476

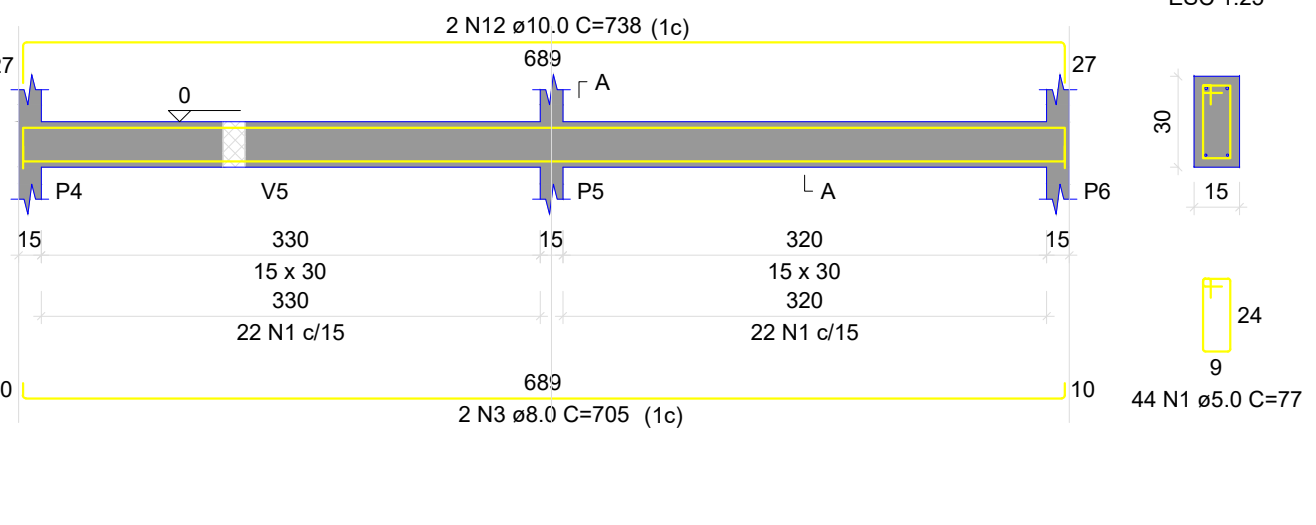
RESUMO DO AÇO			
AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10% (kg)
CA50	8.0	116.7	50.6
CA60	10.0	14.8	10
	5.0	157.5	26.7
PESO TOTAL (kg)			87.3
CA50			60.7
CA60			26.7

Volume de concreto (C-25) = 1.24 m³
Área de forma = 23.51 m²

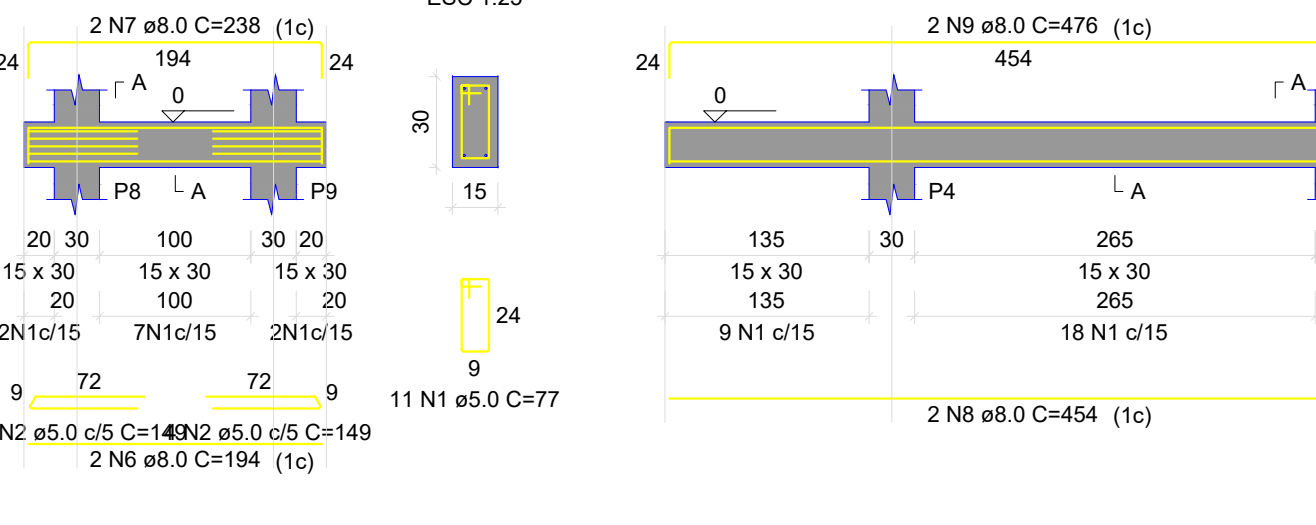
V1
ESC 1:50



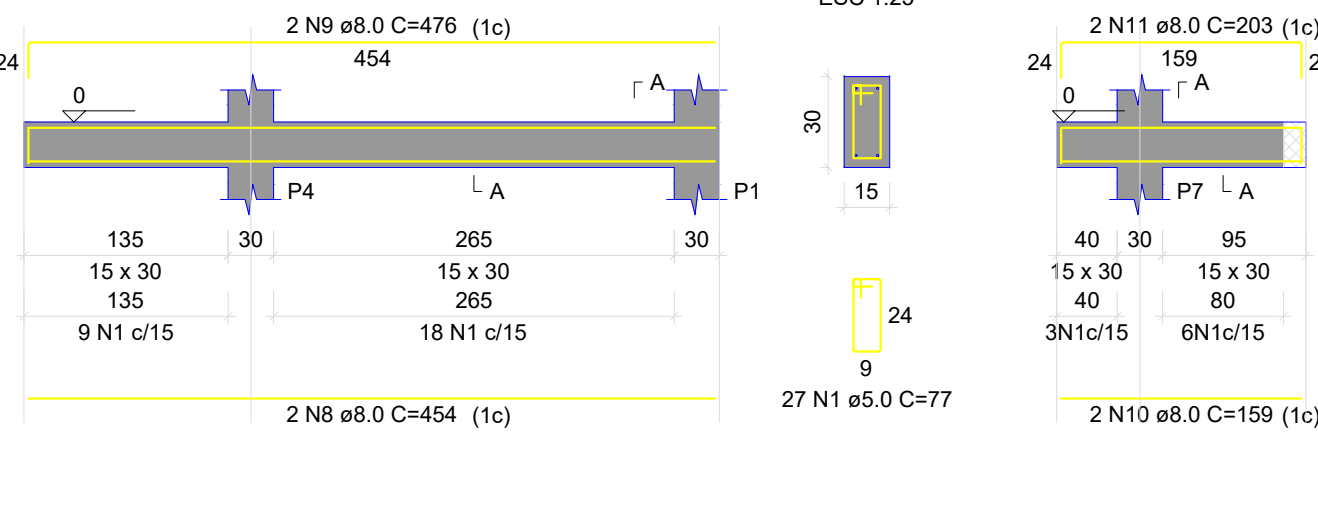
V2
ESC 1:50



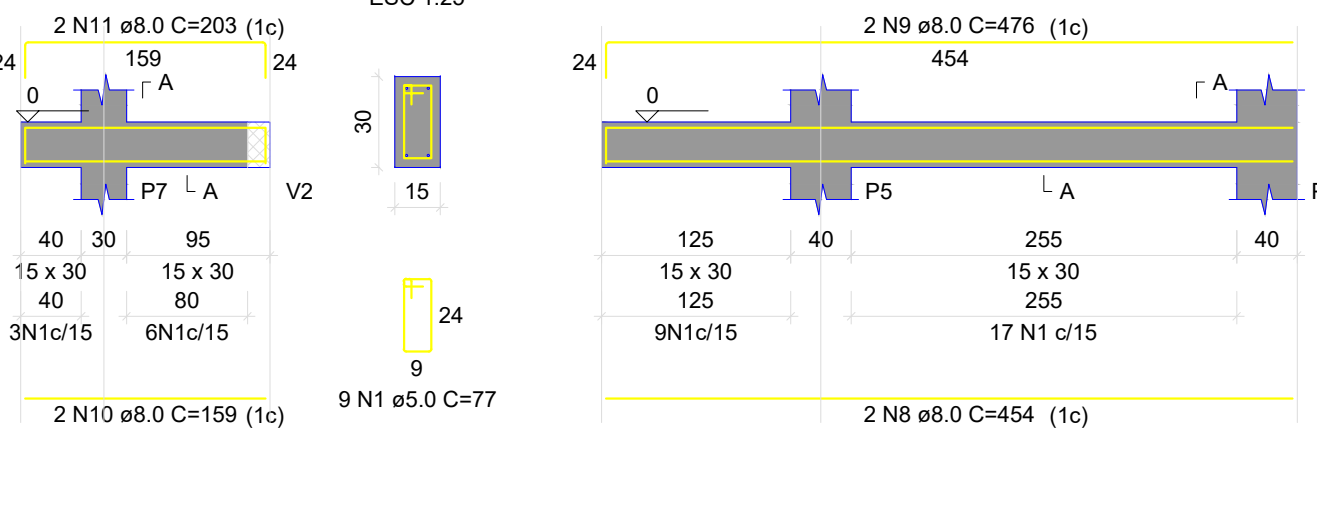
V3
ESC 1:50



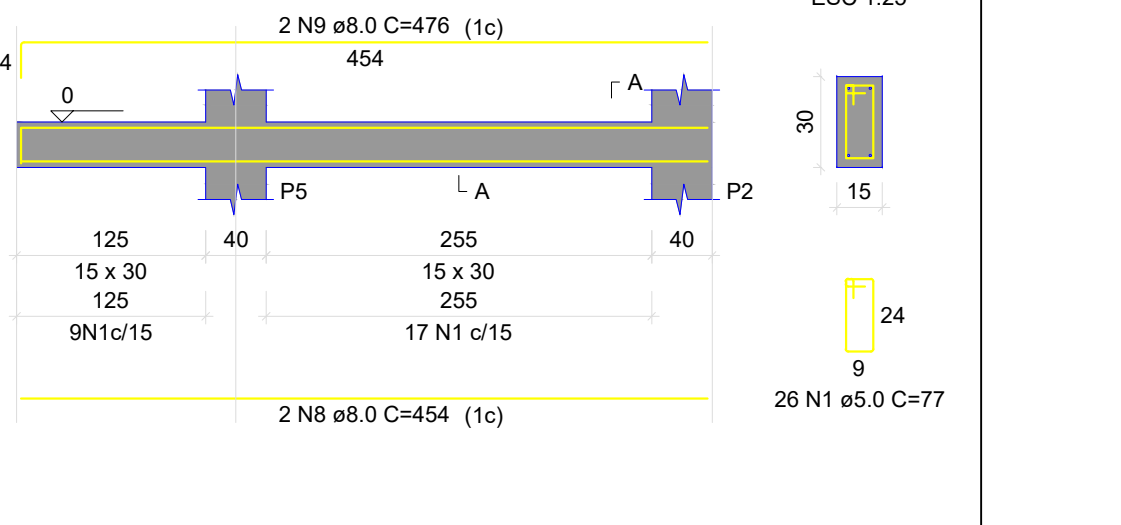
V4
ESC 1:50



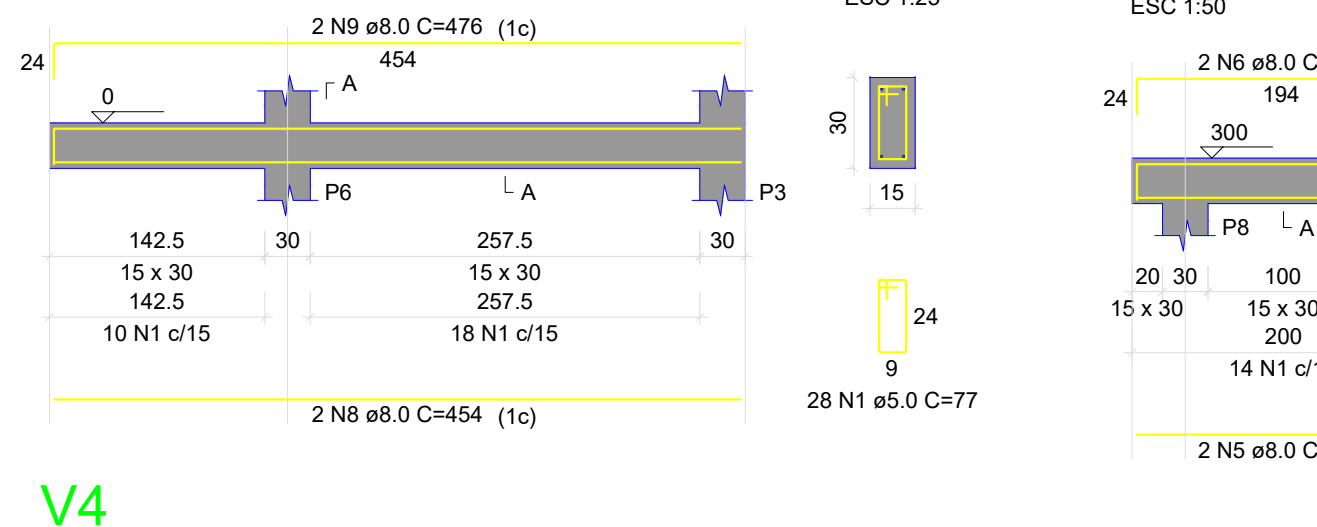
V5
ESC 1:50



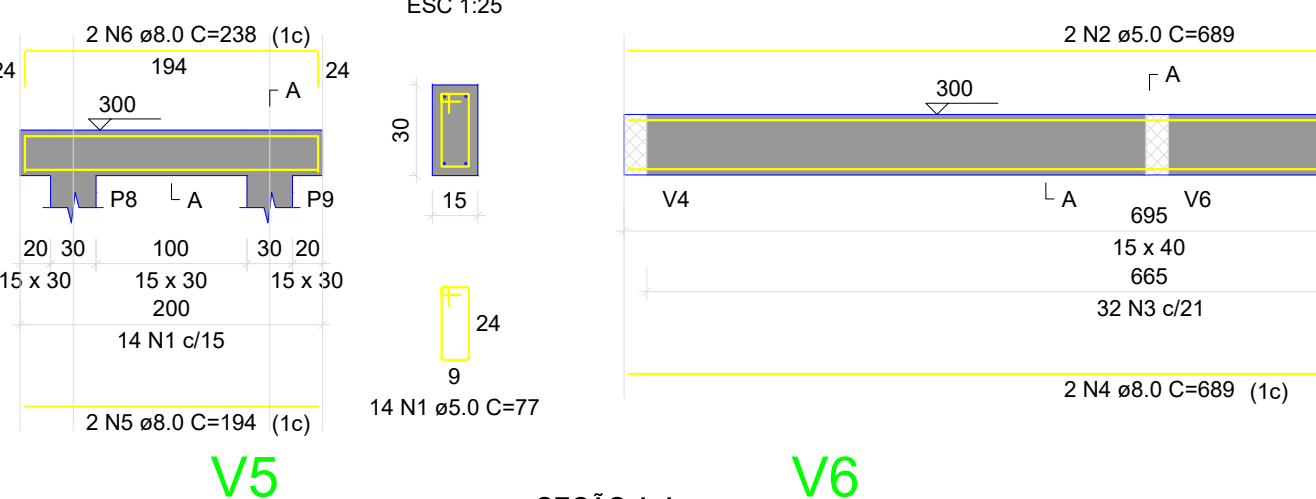
V6
ESC 1:50



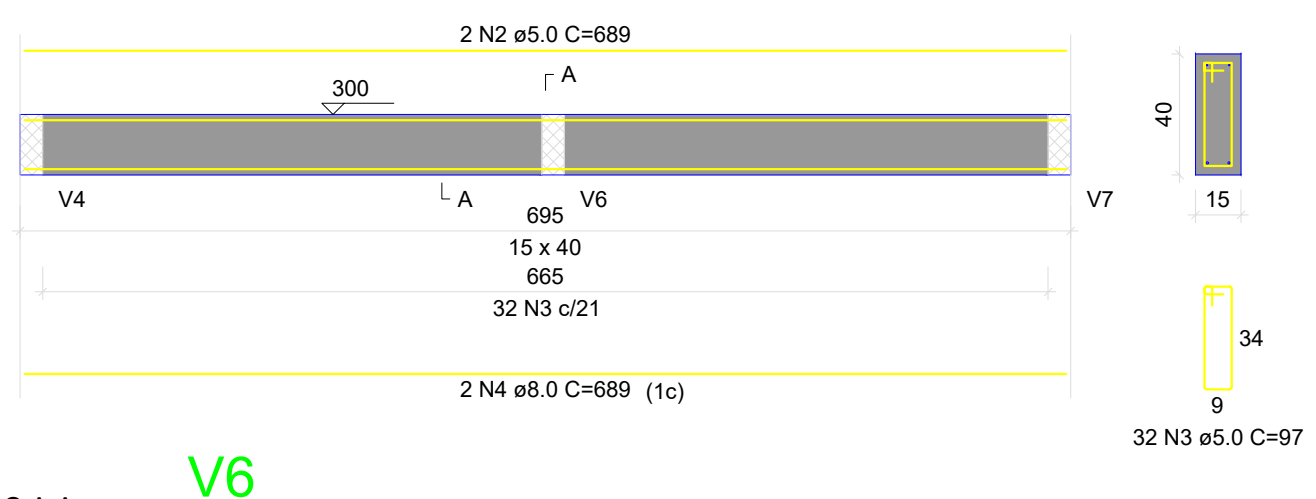
V7
ESC 1:50



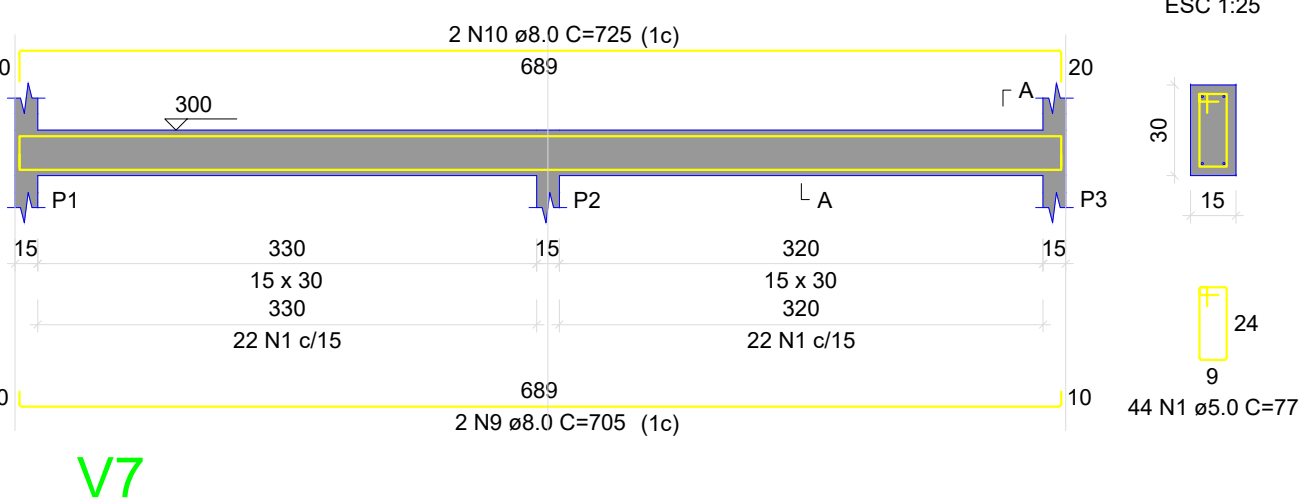
CINTA1
ESC 1:50



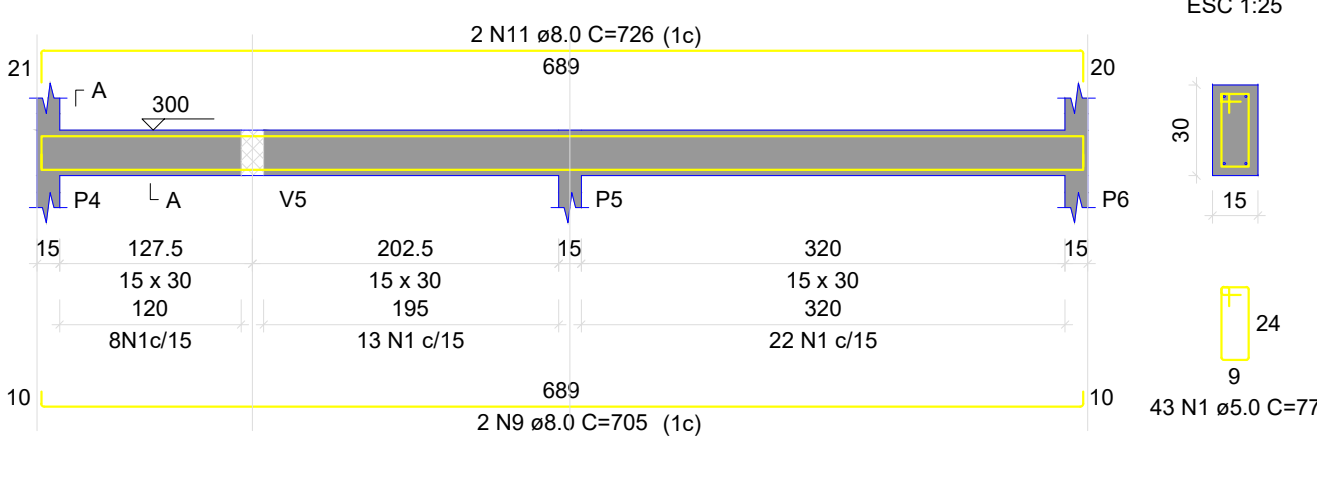
V1
ESC 1:50



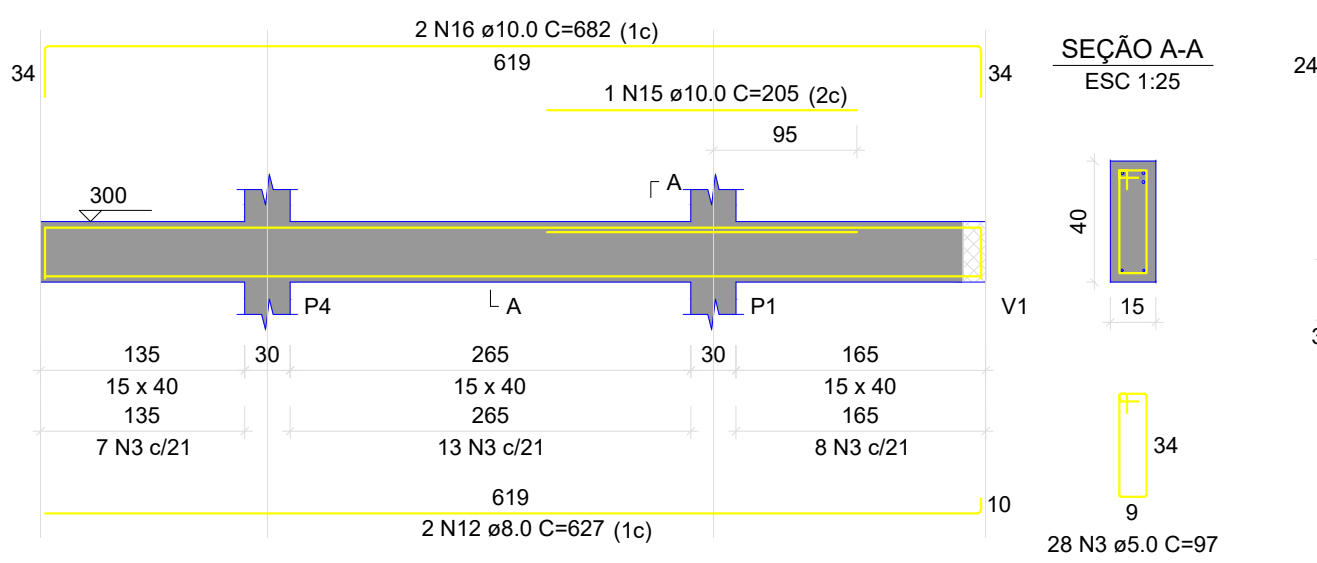
V2
ESC 1:50



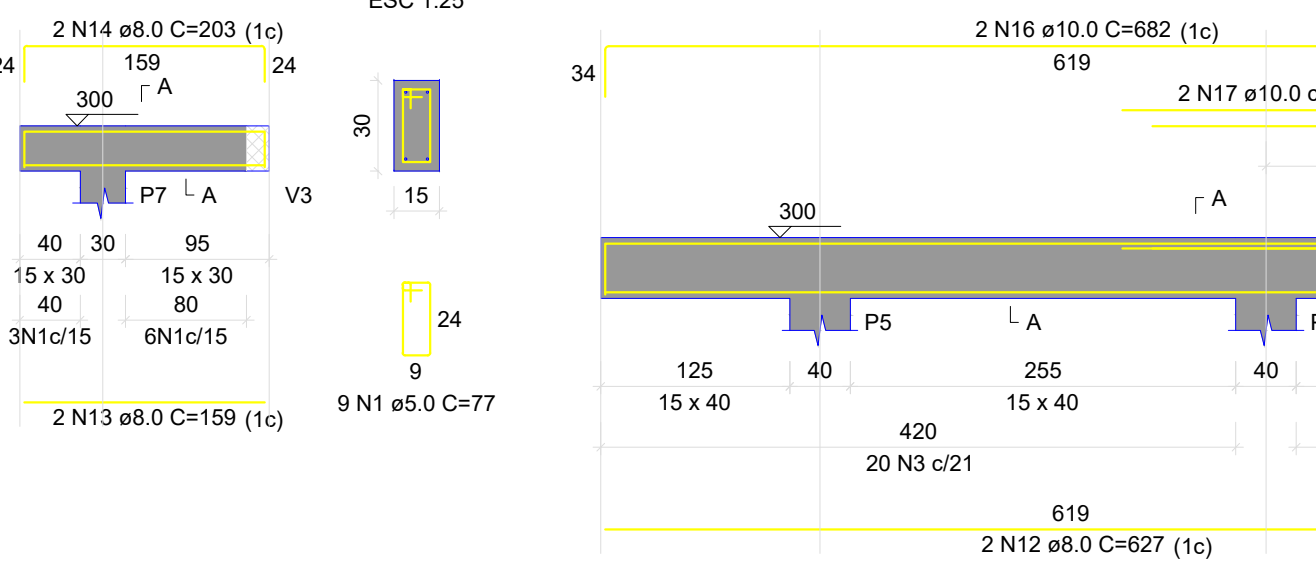
V3
ESC 1:50



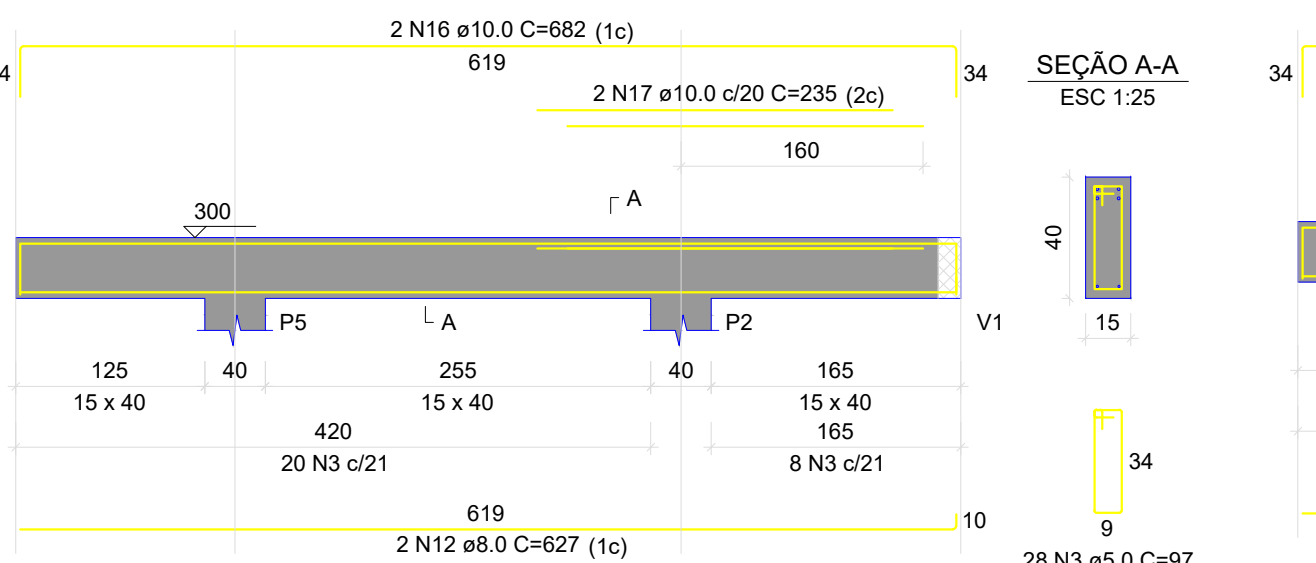
V4
ESC 1:50



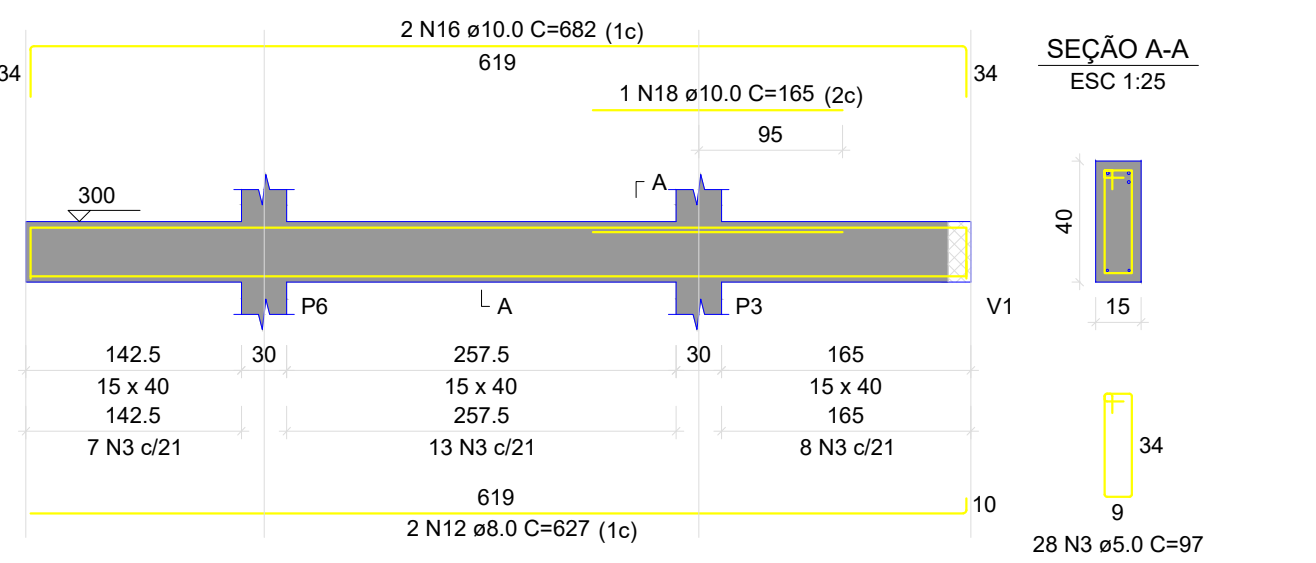
V5
ESC 1:50



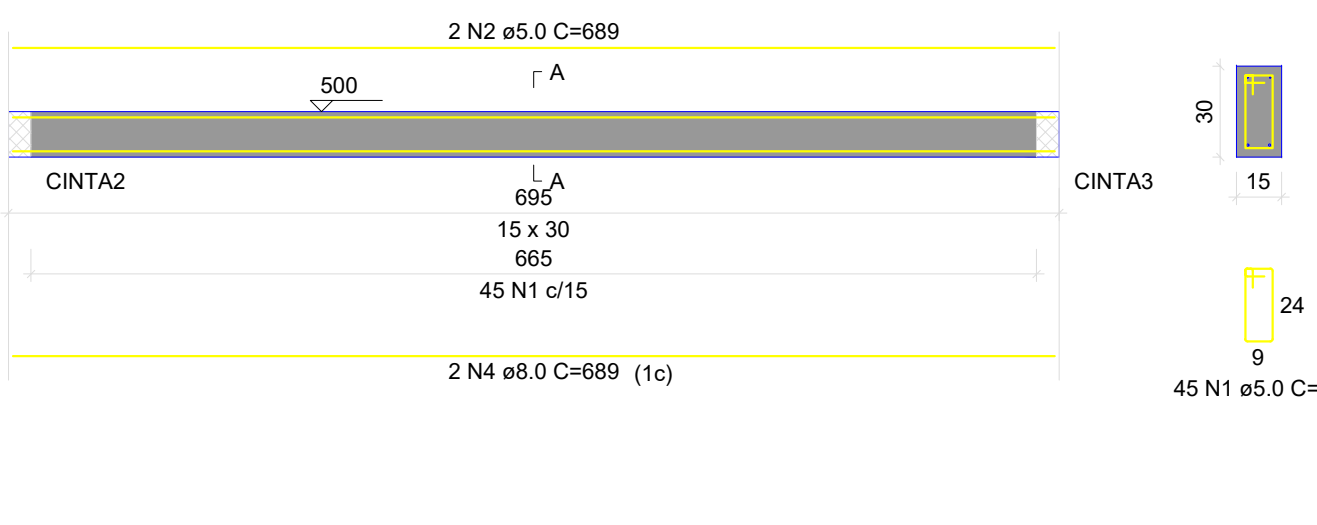
V6
ESC 1:50



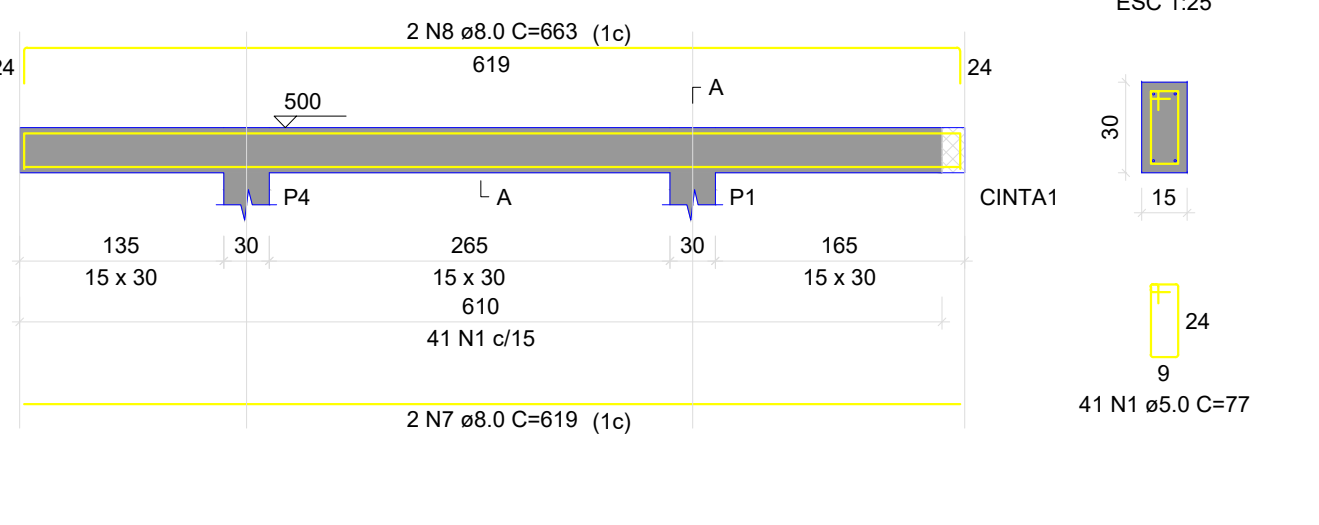
V7
ESC 1:50



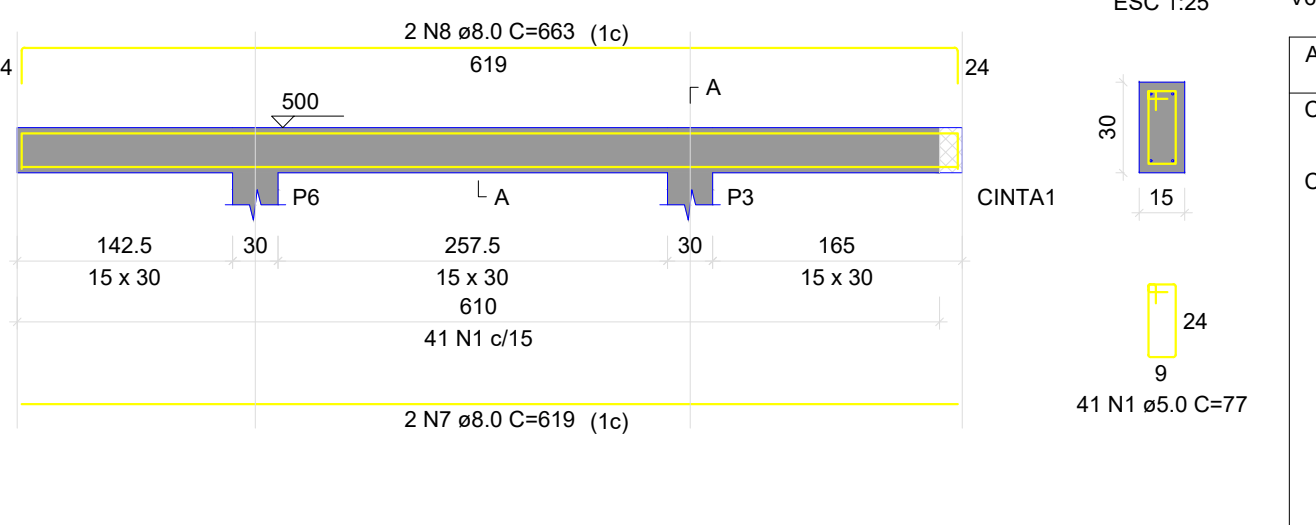
CINTA1
ESC 1:50



CINTA2
ESC 1:50



CINTA3
ESC 1:50



RELAÇÃO DO AÇO

CINTA1-L3 CINTA3-L3 V3-L2 V6-L2		CINTA1-L2 V1-L2 V4-L2 V7-L2		CINTA2-L3 V2-L2 V5-L2	
AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	237	77	18249
	2	5.0	4	689	2756
	3	5.0	116	97	11252
	4	8.0	4	689	2756
	5	8.0	2	194	388
CA50	6	8.0	2	238	476
	7	8.0	4	619	2476
	8	8.0	4	663	2652
	9	8.0	4	705	2820
	10	8.0	2	725	1450
	11	8.0	2	726	1452
	12	8.0	6	627	3762
	13	8.0	2	159	318
	14	8.0	2	203	406
	15	10.0	1	205	205
	16	10.0	6	682	4092
	17	10.0	2	235	470
	18	10.0	1	165	165

RESUMO DO AÇO			
AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10% (kg)
CA50	8.0	189.6	82.3
CA60	10.0	49.3	33.4
	5.0	322.6	54.7
PESO TOTAL (kg)			115.7
CA50			115.7
CA60			54.7

Volume de concreto (C-25) = 2.92 m³
Área de forma = 52.16 m²

PROJETO ESTRUTURAL

Prancha:
03/03

Especificações:

FCK 25
VIGAS E PILARES

Proprietário:

MUNICÍPIO DE MATUPÁ

Data:

JULHO/2023

Proprietário

MUNICÍPIO DE MATUPÁ
24.772.188/0001-54

Resp. Técnico:

JOÃO LUIZ DA SILVA SOBRINHO
CREA MT 039748

Aprovação