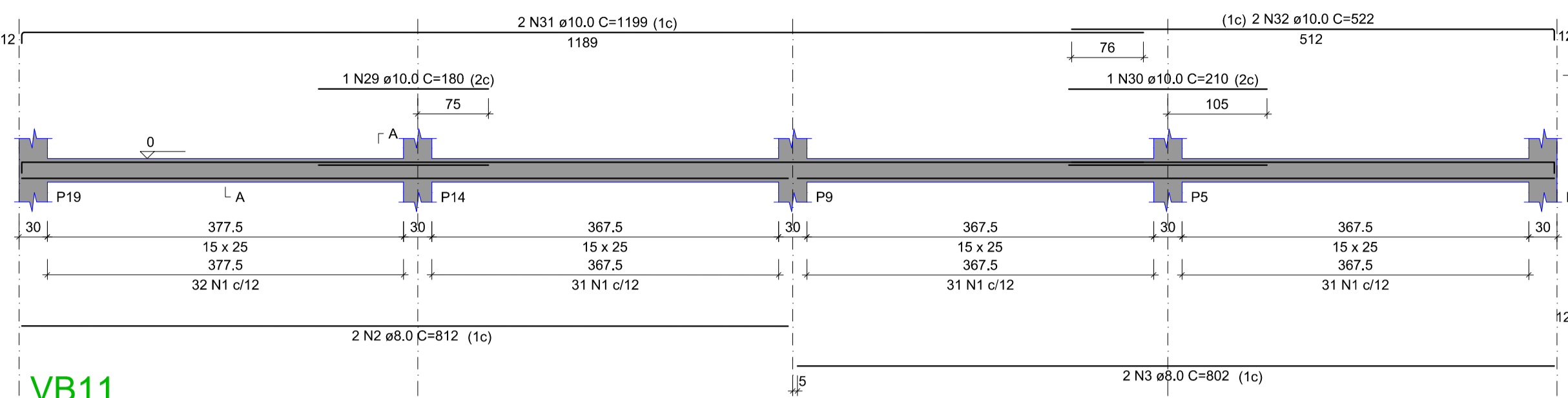
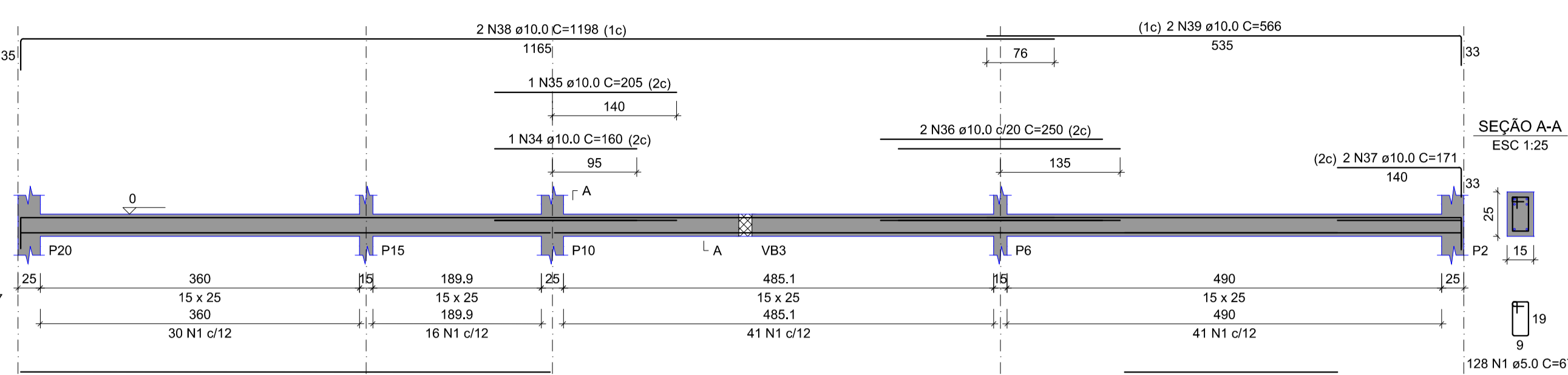


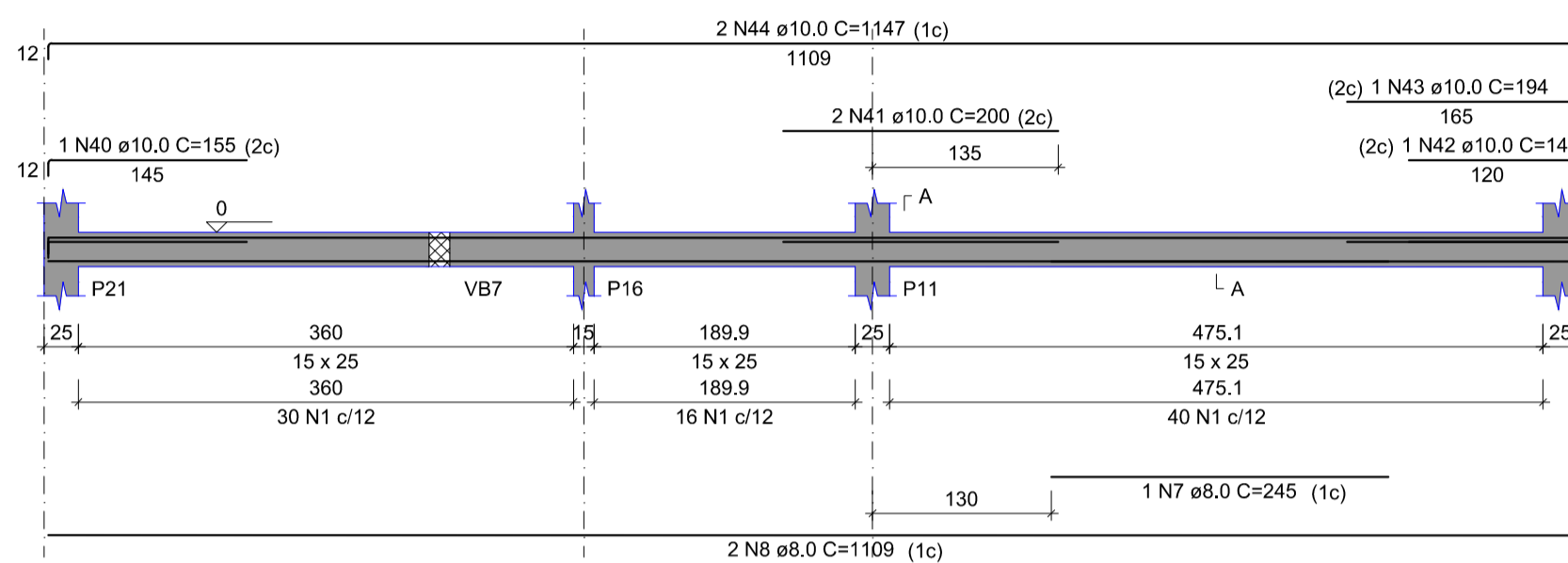
**VB9**  
ESC 1:50



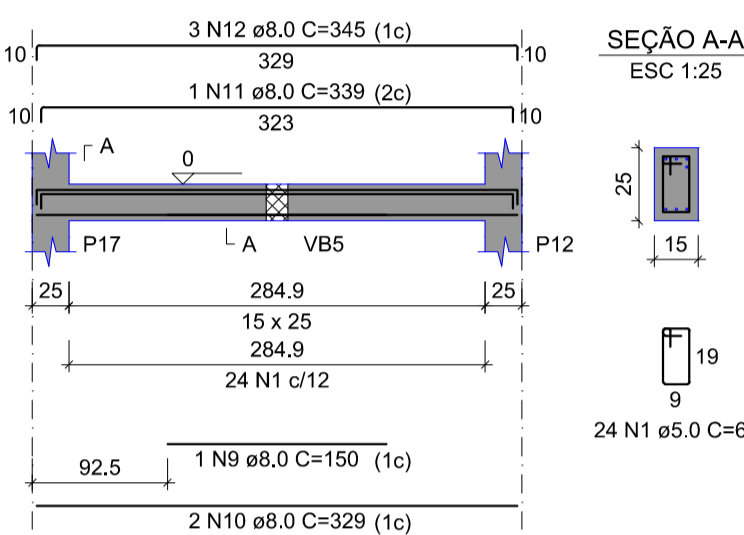
**VB10**  
ESC 1:50



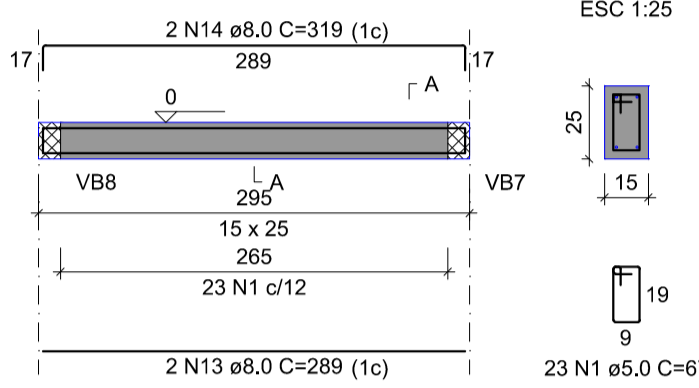
**VB11**  
ESC 1:50



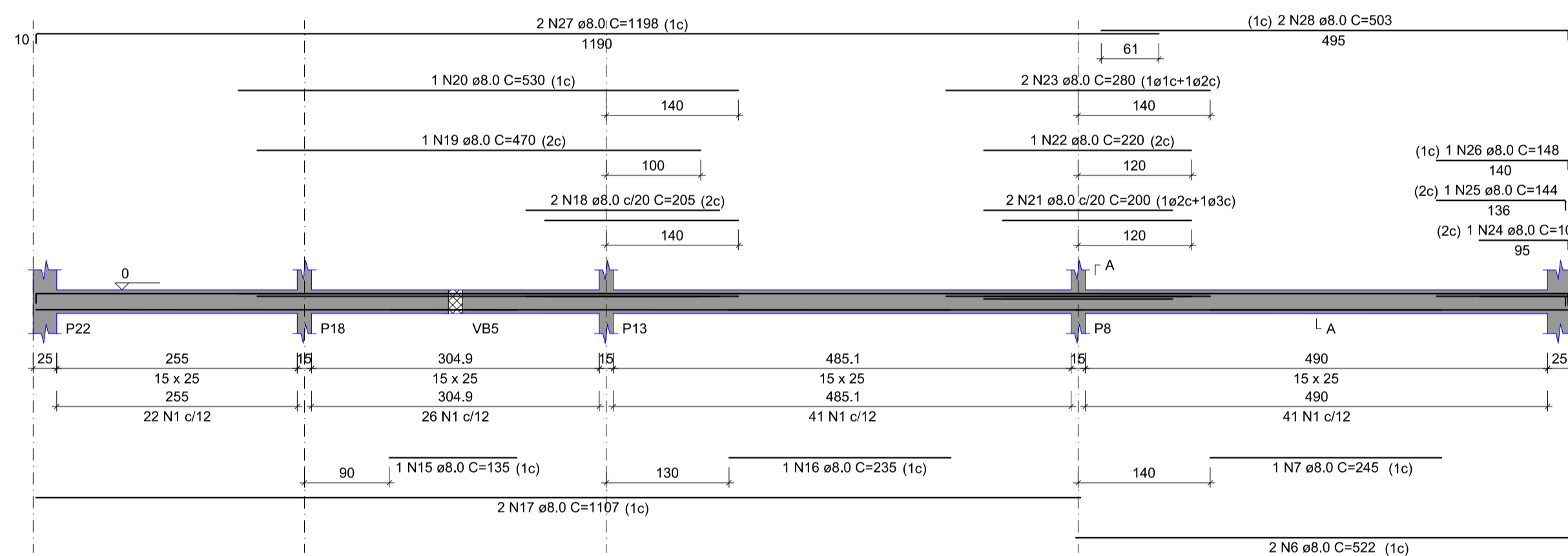
**VB12**  
ESC 1:50



**VB13**  
ESC 1:50

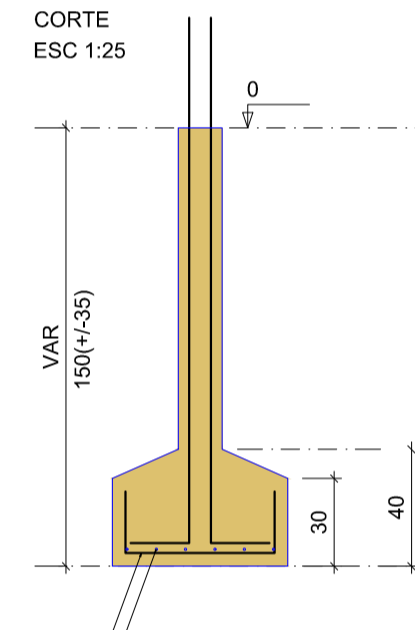
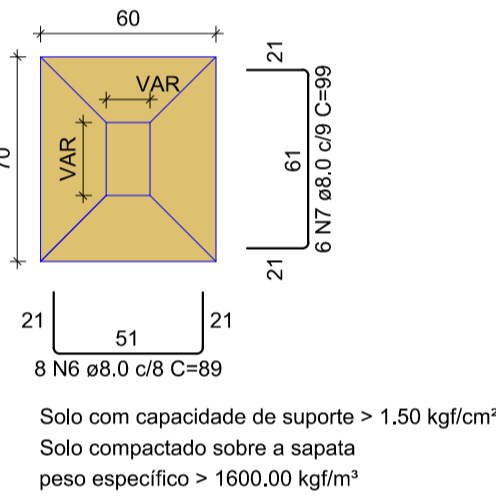


**VB14**  
ESC 1:50



**S1=S4=S5=S9=S12=S14=S19**

PLANTA  
ESC 1:25



RELAÇÃO DO AÇO

ACO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	67	34572	2312424
CA50	2	8.0	812	1624	130368
	3	8.0	802	1604	128328
	4	8.0	2	597	1194
	5	8.0	1	240	240
	6	8.0	4	522	2088
	7	8.0	2	245	490
	8	8.0	2	1109	2218
	9	8.0	1	150	150
	10	8.0	2	329	658
	11	8.0	1	339	339
	12	8.0	3	345	1035
	13	8.0	2	289	578
	14	8.0	2	319	638
	15	8.0	1	135	135
	16	8.0	1	235	235
	17	8.0	2	1107	2214
	18	8.0	2	205	410
	19	8.0	1	470	470
	20	8.0	1	530	530
	21	8.0	2	200	400
	22	8.0	1	220	220
	23	8.0	2	280	560
	24	8.0	1	103	103
	25	8.0	1	144	144
	26	8.0	1	148	148
	27	8.0	2	1198	2396
	28	8.0	2	503	1006
	29	10.0	1	180	180
	30	10.0	1	210	210
	31	10.0	2	1199	2398
	32	10.0	2	522	1044
	33	10.0	2	505	1010
	34	10.0	1	160	160
	35	10.0	1	205	205
CA50	8.0	218.3	94.7		
CA60	10.0	127.7	86.6		
CA60	5.0	345.7	58.6		
PESO TOTAL (kg)					
CA50	181.3				
CA60	58.6				

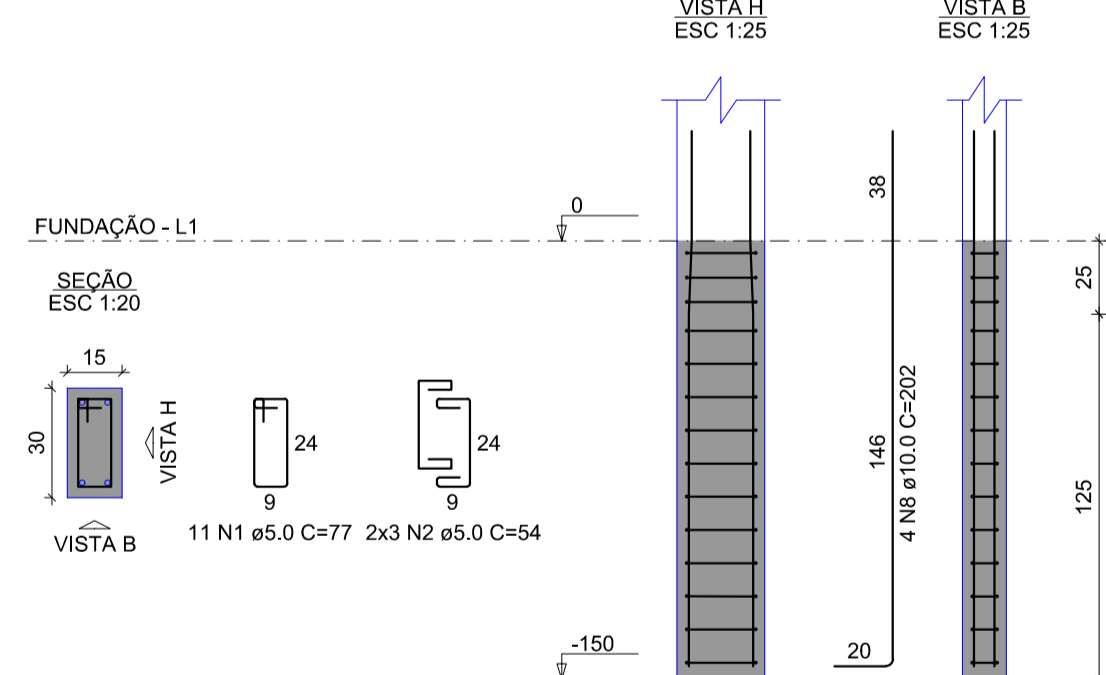
Volume de concreto (C-25) = 2.49 m³  
Área de forma = 43.13 m²

RESUMO DO AÇO

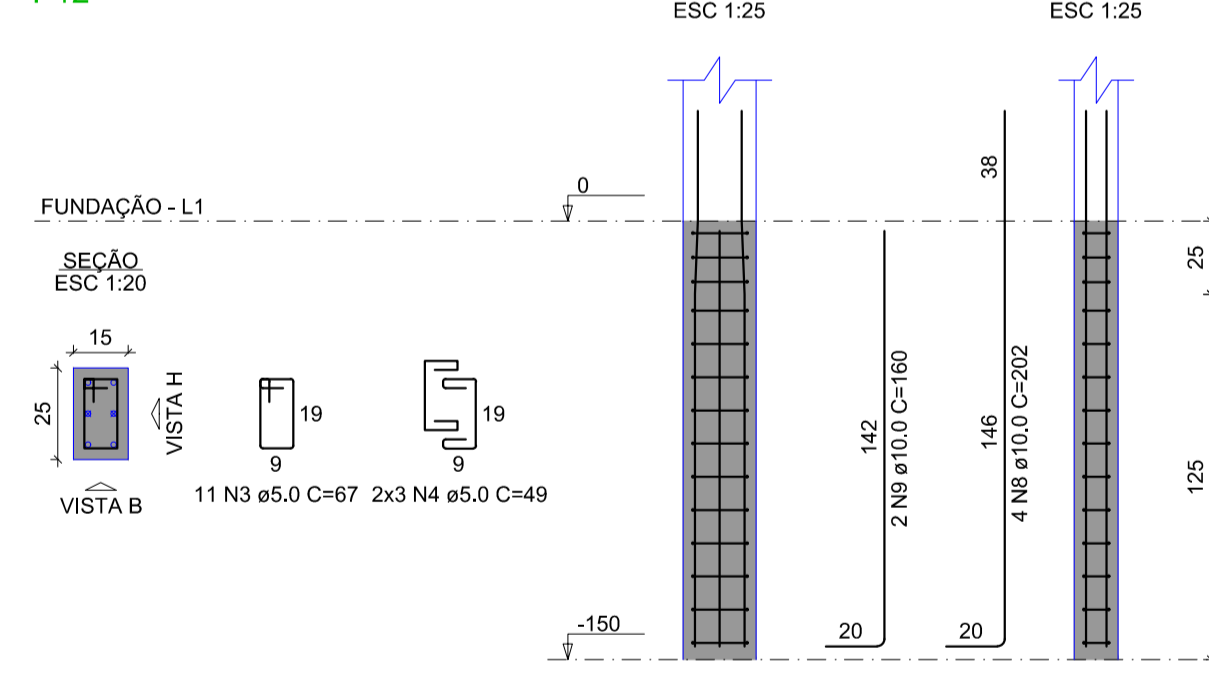
ACO	DIAM (mm)	C.TOTAL (m)	PESO + 10% (kg)
CA50	8.0	218.3	94.7
CA60	10.0	127.7	86.6
CA60	5.0	345.7	58.6
PESO TOTAL (kg)			
CA50	181.3		
CA60	58.6		

Volume de concreto (C-25) = 2.49 m³  
Área de forma = 43.13 m²

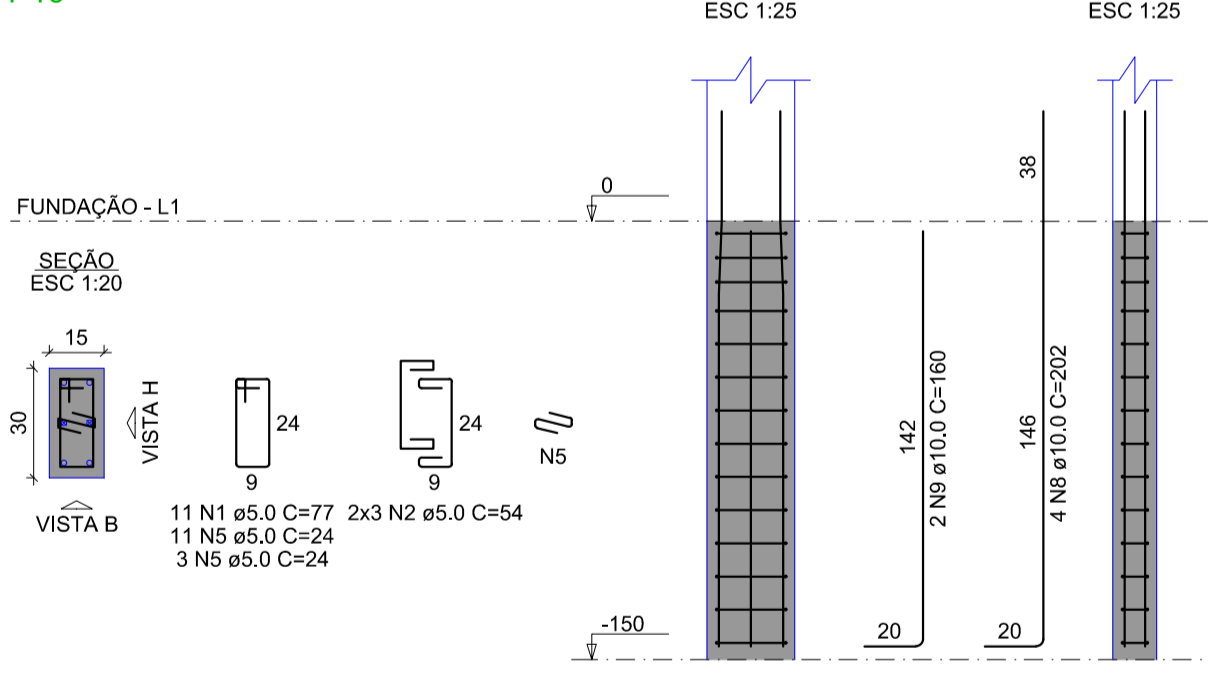
**P1=P5=P14**



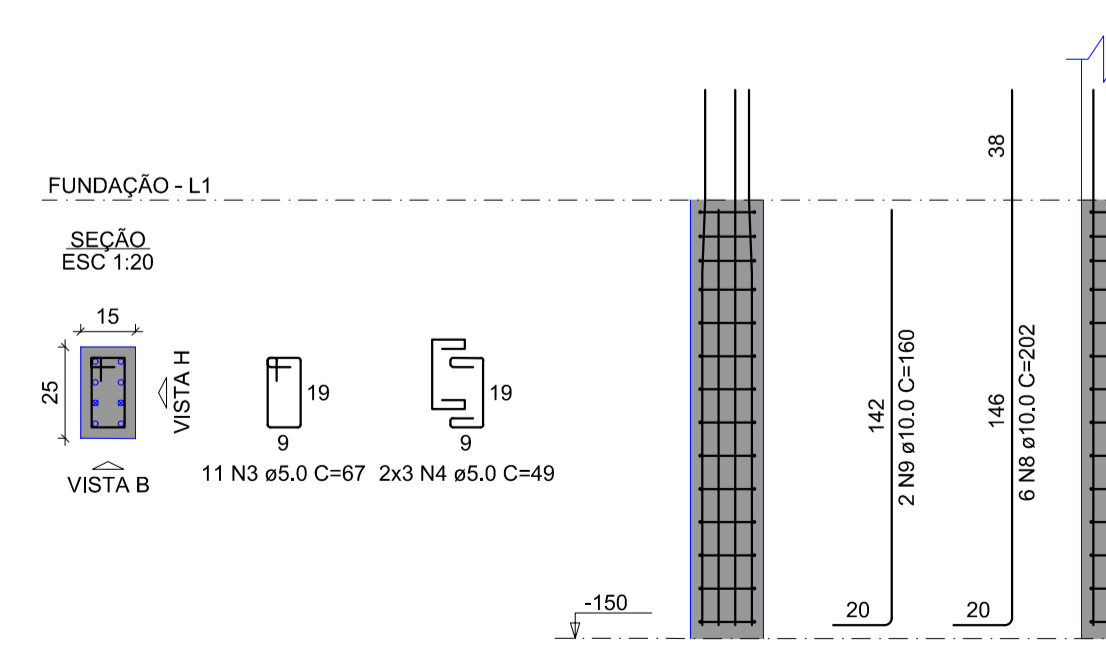
**P12**



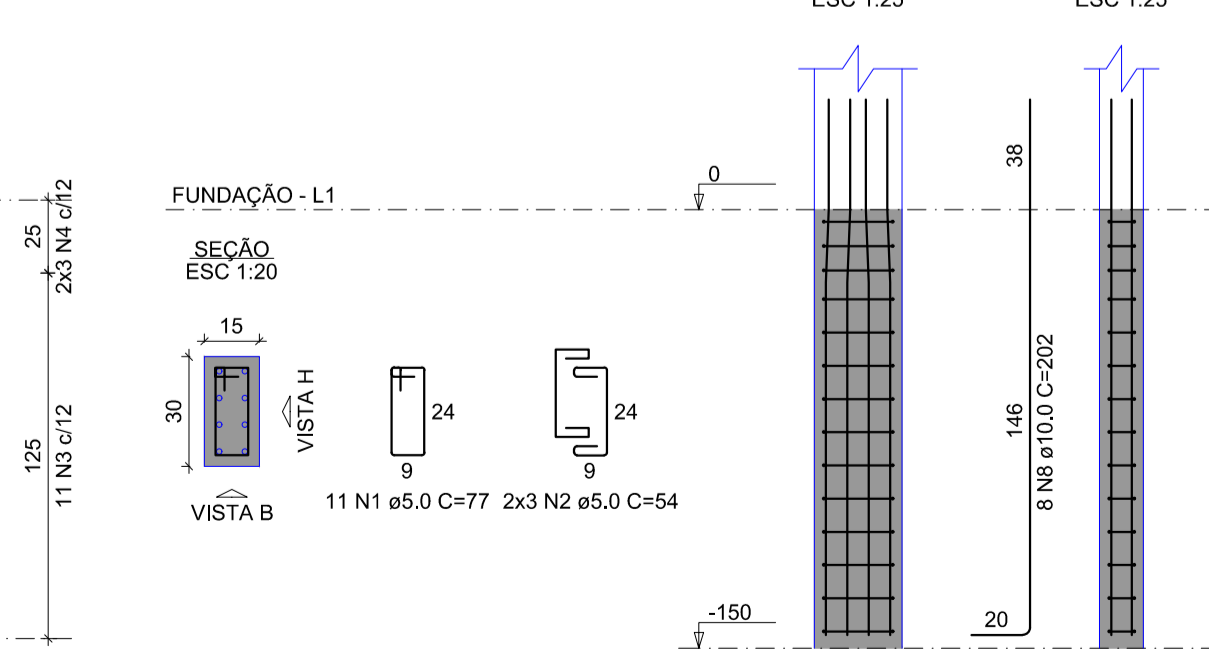
**P19**



**P4**



**P9**



RELAÇÃO DO AÇO

ACO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	55	77	4235
	2	5.0	30	54	1620
	3	5.0	22	67	1474
	4	5.0	12	49	588
	5	5.0	14	24	336
	6	8.0	56	89	4984
	7	8.0	42	99	4158
	8	10.0	34	202	6868
	9	10.0	6	160	960

RESUMO DO AÇO

ACO	DIAM (mm)	C.TOTAL (m)	PESO + 10% (kg)
CA50	8.0	91.4	39.7
CA60	10.0	78.3	53.1
CA60	5.0	82.5	14
PESO TOTAL (kg)			
CA50	92.8		
CA60	14		

Volume de concreto (C-25) = 1.47 m³  
Área de forma = 14.61 m²

PREFEITURA

CREA

BOMBEIRO OU NATURATINS

PROJETO: **PROJETO ESTRUTURAL** FOLHA: **4/4**

OBRA: CASA DE FARINHA  
PROPRIETÁRIO: PREFEITURA MUNICIPAL DE SÃO BENTO DO TOCANTINS  
CNPJ: 25.063.983/0004-36  
ENDEREÇO: MUNICIPIO DE SÃO BENTO DO TOCANTINS

QUADRO DE ÁREAS

ASSINATURA PROPRIETÁRIO	PREFEITURA MUNICIPAL DE SÃO BENTO DO TOCANTINS
AUTOR PROJETO 315.184/D-TO ENGENHEIRO CIVIL	FRANCISCO AUGUSTO DA S. VALENTIN
RESP. TÉCNICO 315.184/D-TO ENGENHEIRO CIVIL	FRANCISCO AUGUSTO DA S. VALENTIN

ESCALA: INDICADA DESENHO: FRANCISCO AUGUSTO DATA: MARÇO DE 2021

CONTEUDO: