

V29		V30		V31	
V32		V33		V34	
V35					
AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA50	1	5.0	83	91	7553
	2	5.0	2	225	450
	3	5.0	43	111	4773
	4	5.0	29	101	2929
	5	5.0	2	255	510
	6	6.3	1	163	163
	7	6.3	4	295	1180
	8	6.3	2	109	218
	9	6.3	1	151	151
	10	6.3	3	154	462
	11	6.3	1	158	158
	12	6.3	3	321	963
	13	6.3	2	193	386
	14	6.3	2	190	380
	15	6.3	2	130	260
	16	6.3	2	808	1616
	17	6.3	2	127	254
	18	6.3	2	194	388
	19	6.3	2	195	390
	20	6.3	2	365	730
	21	8.0	1	197	197
	22	8.0	3	350	1050
	23	8.0	1	168	168
	24	8.0	1	172	172
	25	8.0	2	394	788
	26	8.0	3	346	1038
	27	8.0	2	653	1306
	28	8.0	2	161	322
	29	8.0	2	265	530
	30	8.0	3	383	1149
	31	10.0	2	255	510
	32	10.0	2	369	738
	33	10.0	2	666	1332

RESUMO DO AÇO

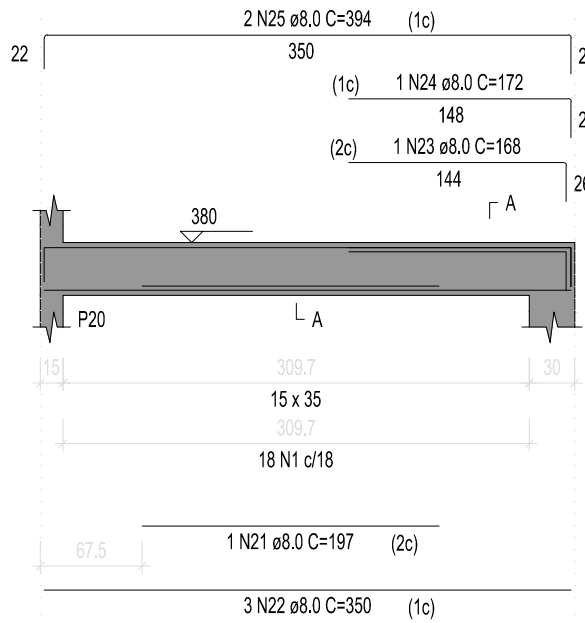
AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10% (kg)
CA50	6.3	77	20.7
	8.0	67.2	29.2
CA60	10.0	25.8	17.5
	5.0	162.2	27.5
PESO TOTAL (kg)			
CA50	67.4		
CA60	27.5		

Volume de concreto (C-30) = 1.93 m³

Área de forma = 28.64 m²

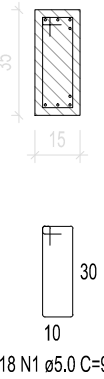
V29

ESC 1:50



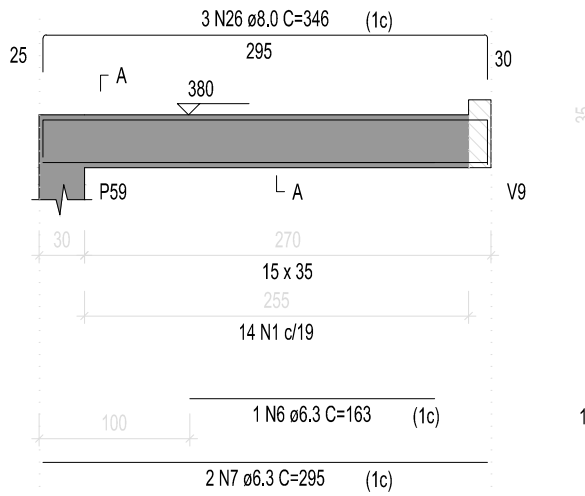
SEÇÃO A-A

ESC 1:25



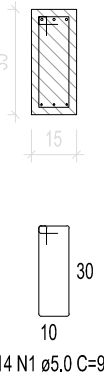
V30

ESC 1:50



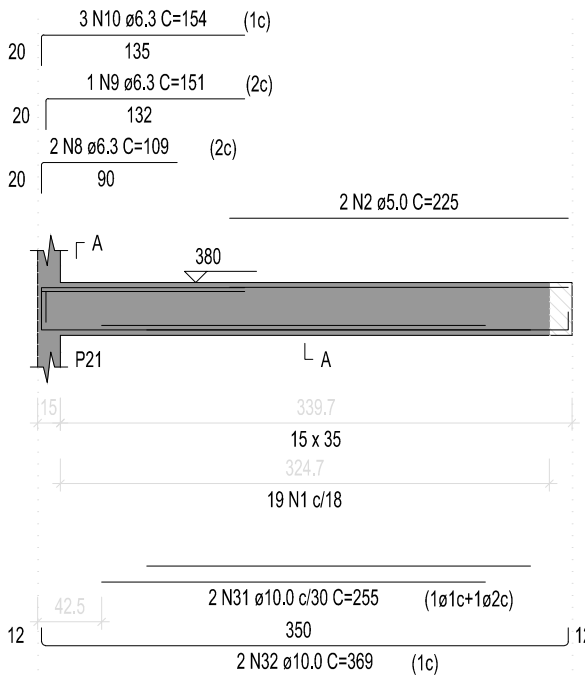
SEÇÃO A-A

ESC 1:25



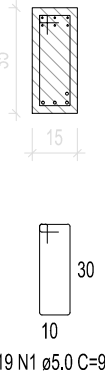
V31

ESC 1:50



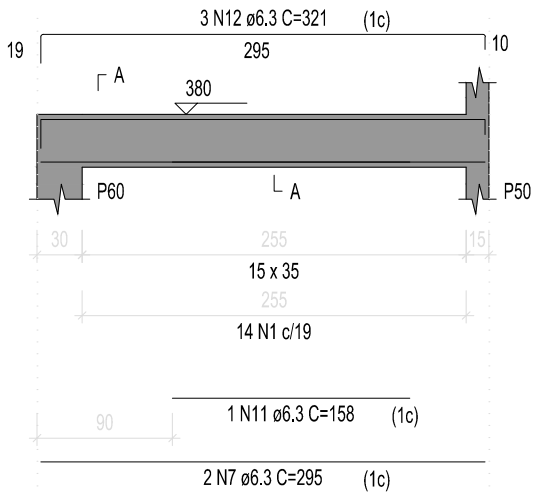
SEÇÃO A-A

ESC 1:25



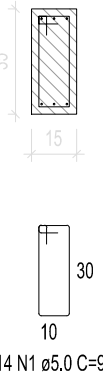
V32

ESC 1:50



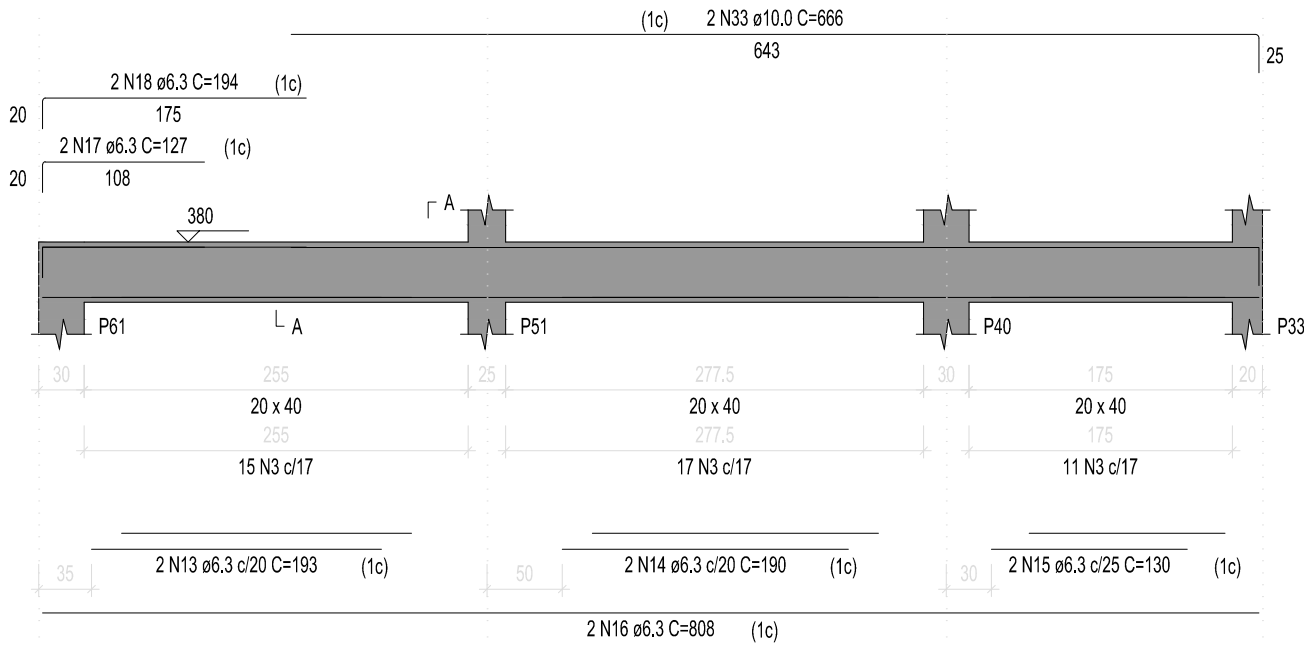
SEÇÃO A-A

ESC 1:25



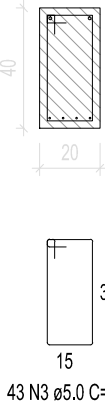
V33

ESC 1:50



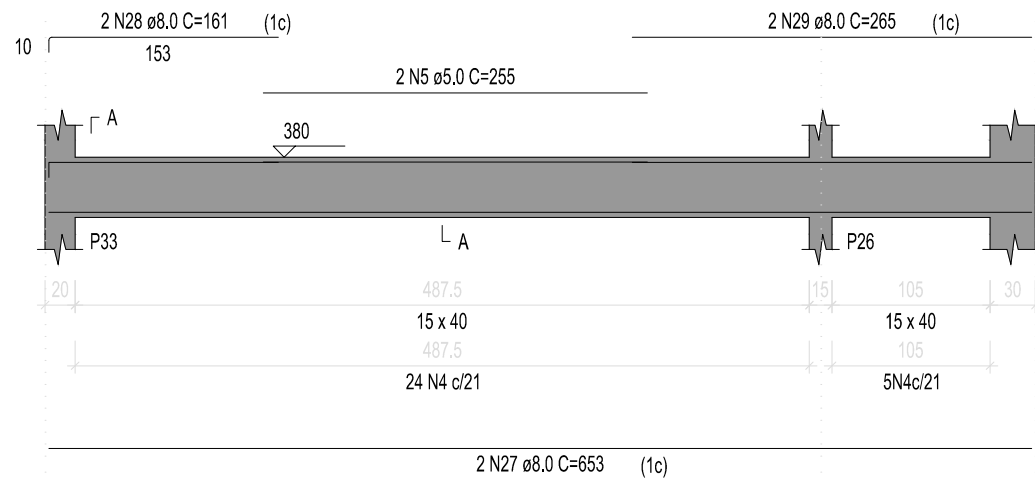
SEÇÃO A-A

ESC 1:25



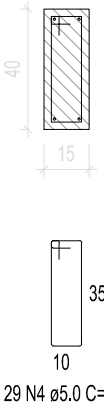
V34

ESC 1:50



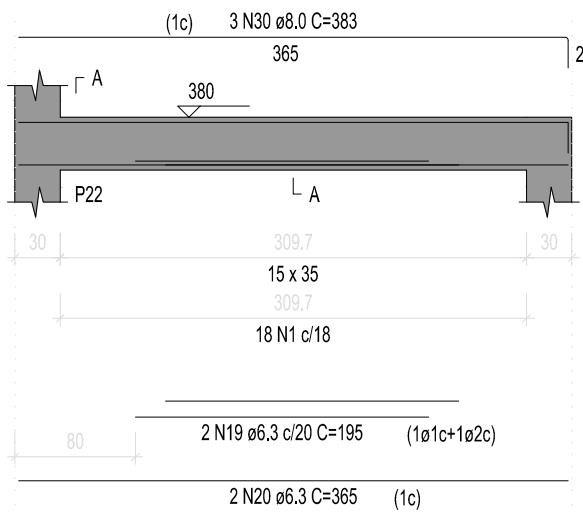
SEÇÃO A-A

ESC 1:25



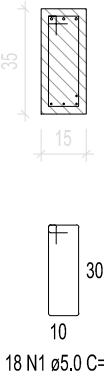
V35

ESC 1:50



SEÇÃO A-A

ESC 1:25



PROJETO ESTRUTURAL

OBRA:  
CONSTRUÇÃO DA UNIDADE DE PRODUÇÃO DE REFEIÇÕES DO SESC

ENDEREÇO DO EMPREENDIMENTO:  
AV. SENADOR LEMOS Nº 2056 - TELÉGRAFO  
BÉLEM-PA

DESENHO: MATEUS SOTERO

CLIENTE:



SERVIÇO SOCIAL DO COMÉRCIO  
DEPARTAMENTO REGIONAL DO ESTADO DO PARA

IDENTIFICAÇÃO DO PROJETO:  
DETALHES GERAIS

Nº DA PRANCHA:

EST 07/13

CODIFICAÇÃO DO ARQUIVO:  
01.PE.EST-2019.05

ESCALA:  
INDICADA

ESTE PROJETO NÃO PODERÁ SOFRER ALTERAÇÕES SEM ORDENS EXPRESSAS DO AUTOR.