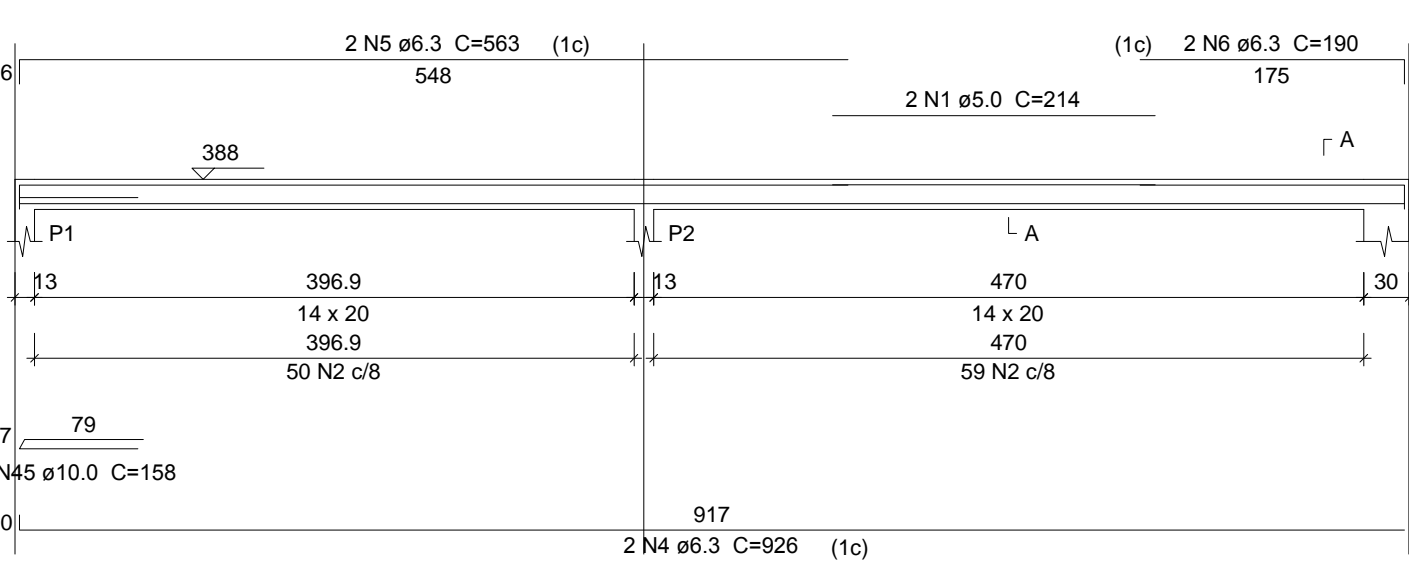
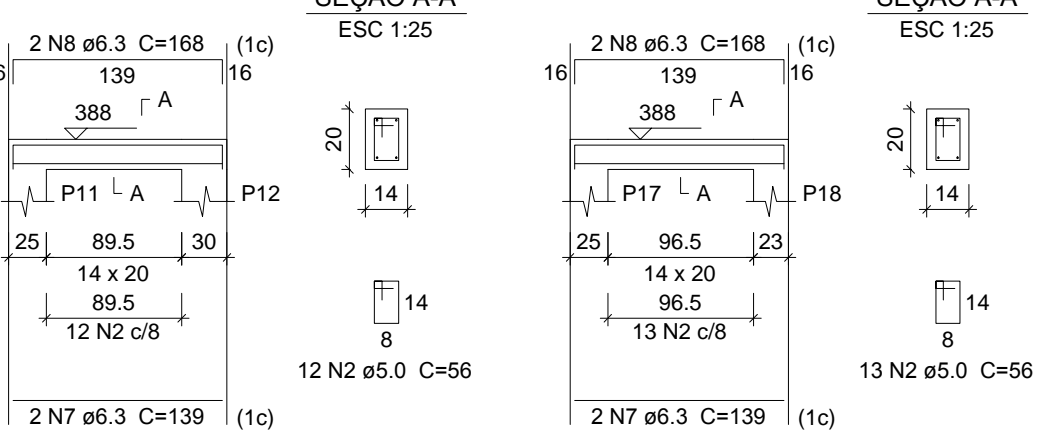


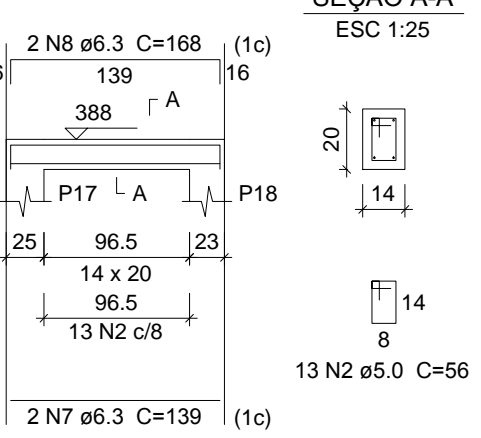
VP1



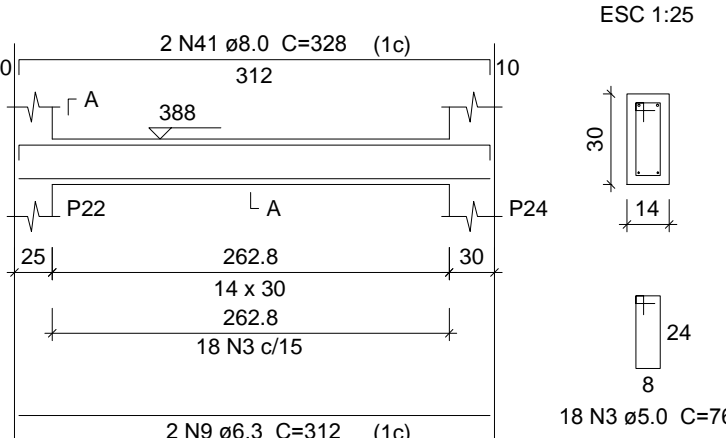
VP2



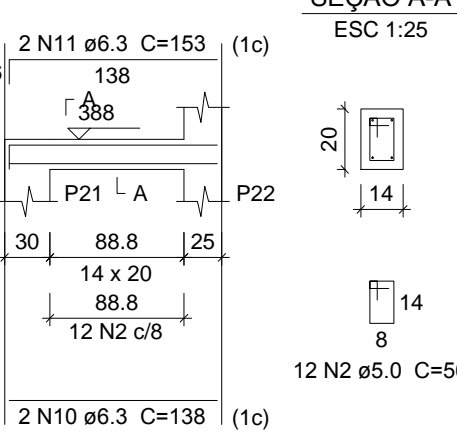
VP3



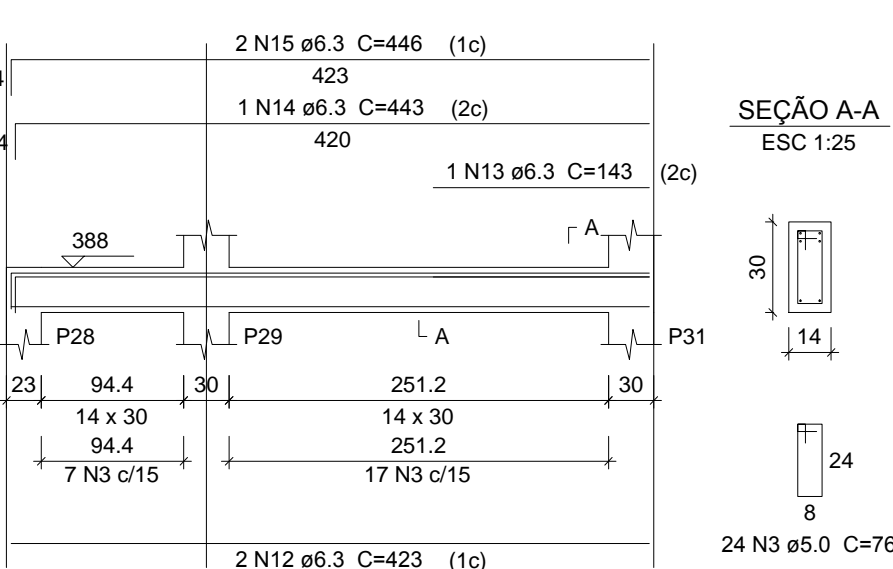
VP4



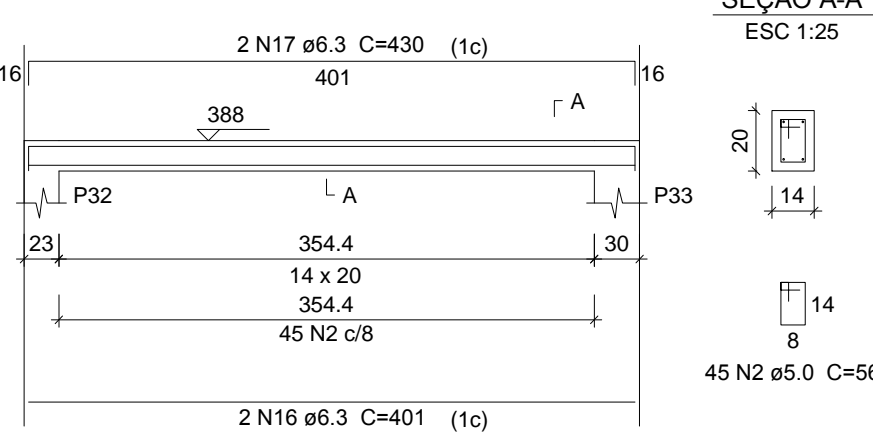
VP5



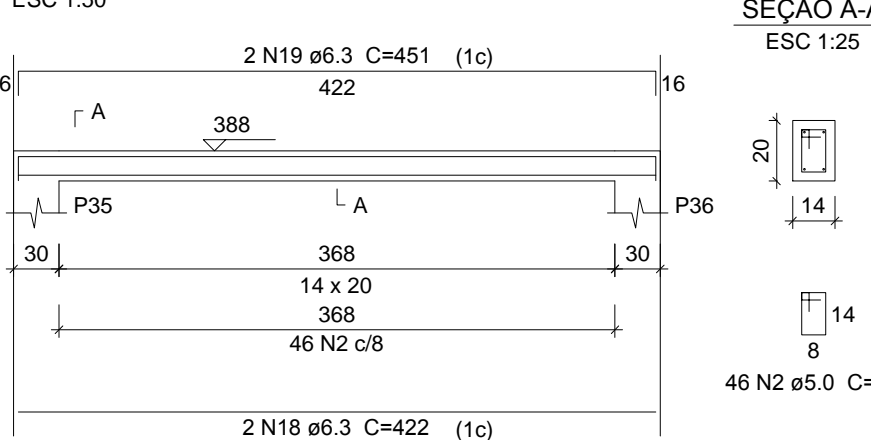
VP6



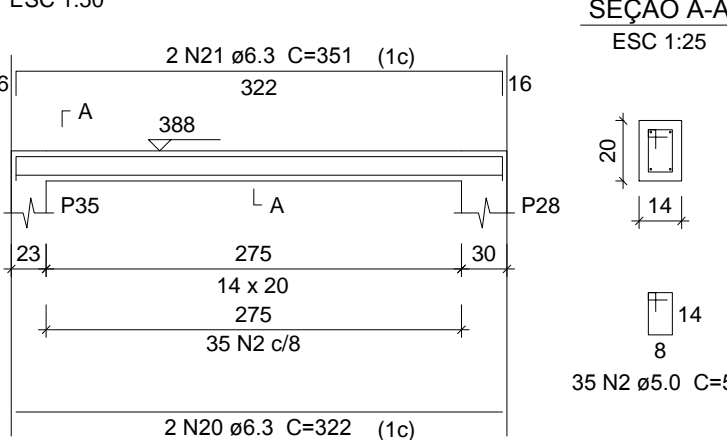
VP7



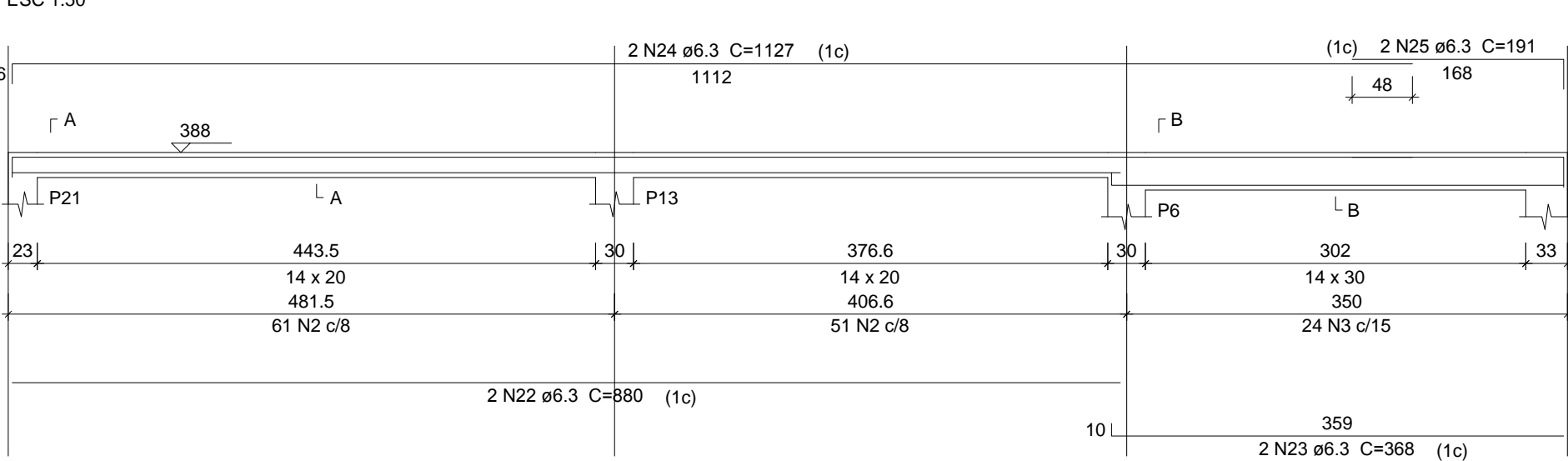
VP8



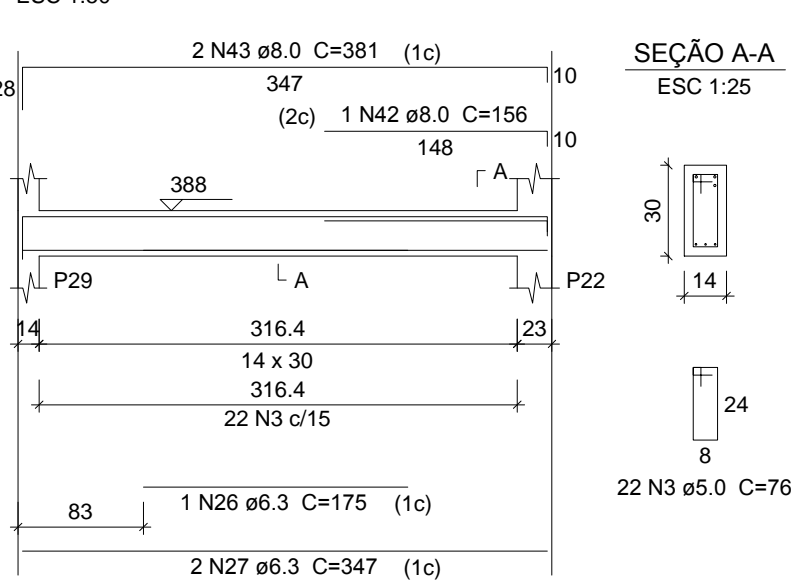
VP9



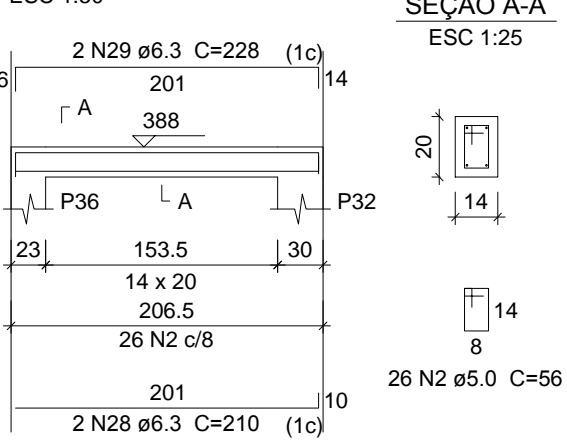
VP10



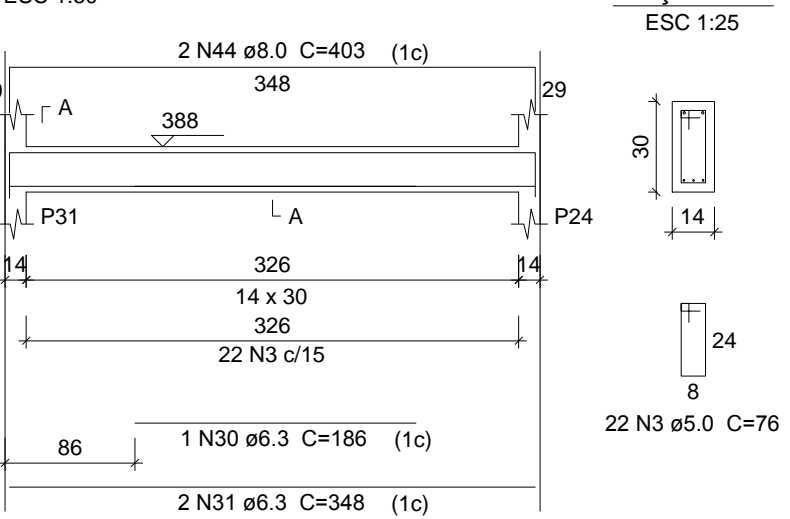
VP11



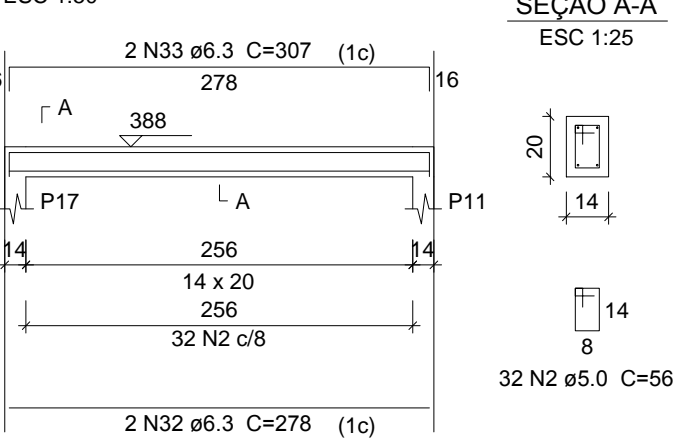
VP12



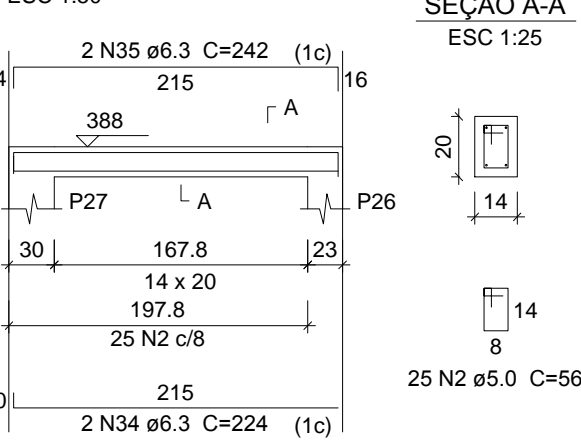
VP13



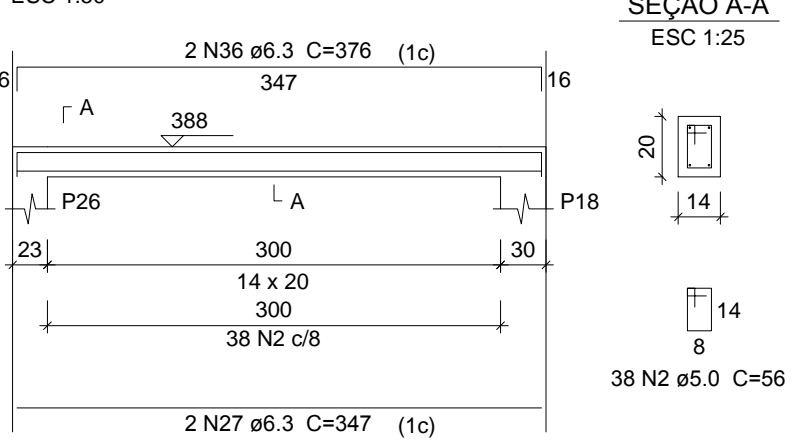
VP14



VP15



VP16



Relação do aço

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	2	214	428
	2	5.0	617	56	34552
CA50	3	5.0	110	76	8360
	4	6.3	2	926	1852
	5	6.3	2	563	1126
	6	6.3	2	190	380
	7	6.3	4	139	556
	8	6.3	4	168	672
	9	6.3	2	312	624
	10	6.3	2	138	276
	11	6.3	2	153	306
	12	6.3	2	423	846
	13	6.3	1	143	143
	14	6.3	1	443	443
	15	6.3	2	446	892
	16	6.3	2	401	802
	17	6.3	2	430	860
	18	6.3	2	422	844
	19	6.3	2	451	902
	20	6.3	2	322	644
	21	6.3	2	351	702
	22	6.3	2	880	1760
	23	6.3	2	368	736
	24	6.3	2	1127	2254
	25	6.3	2	191	382
	26	6.3	1	175	175
	27	6.3	4	347	1388
	28	6.3	2	210	420
	29	6.3	2	228	456
	30	6.3	1	186	186
	31	6.3	2	348	696
	32	6.3	2	278	556
	33	6.3	2	307	614
	34	6.3	2	224	448
	35	6.3	2	242	484
	36	6.3	2	376	752
	37	6.3	2	622	1244
	38	6.3	2	651	1302
	39	6.3	2	318	636
	40	6.3	2	347	694
	41	8.0	2	328	656
	42	8.0	1	156	156
	43	8.0	2	381	762
	44	8.0	2	403	806
	45	10.0	1	158	158

Resumo do aço

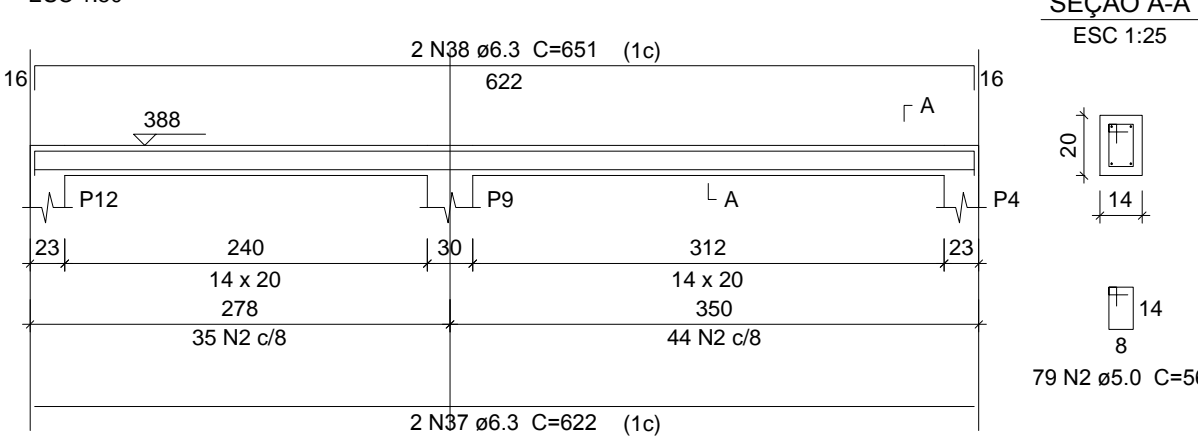
AÇO	DIAM (mm)	C.TOTAL (m)	PESO (kg)
CA50	6.3	280.6	68.75
	8.0	23.8	9.40
	10.0	1.6	0.99
CA60	5.0	433.4	66.74

PESO TOTAL (kg)

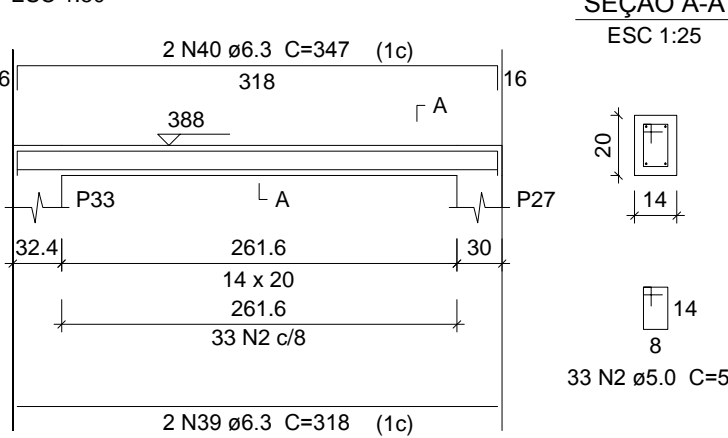
CA50	79.14
CA60	66.74

Volume de concreto (C-25) = 2.28 m³
Área de forma = 42.63 m²

VP17



VP18



PREFEITURA MUNICIPAL DE PELOTAS
SEPLAG - SECRETARIA DE PLANEJAMENTO E GESTÃO

CRAS- CENTRO DE REFERÊNCIA EM ASSISTÊNCIA SOCIAL ENDEREÇO: RUA 15 S/Nº NÚCLEO RESIDENCIAL PESTANO PROJETO ESTRUTURAL - VIGAS NIVEL 2	Prancha 11/13
EQUIPE TÉCNICA DA SEPLAG Eng. Civil Patrícia Waltzer da Silva CREA-RS 1399996 Eng. Civil Mirela Silveira de Farias CREA-RS 146401	Escala INDICADA
	Data JANEIRO / 2018