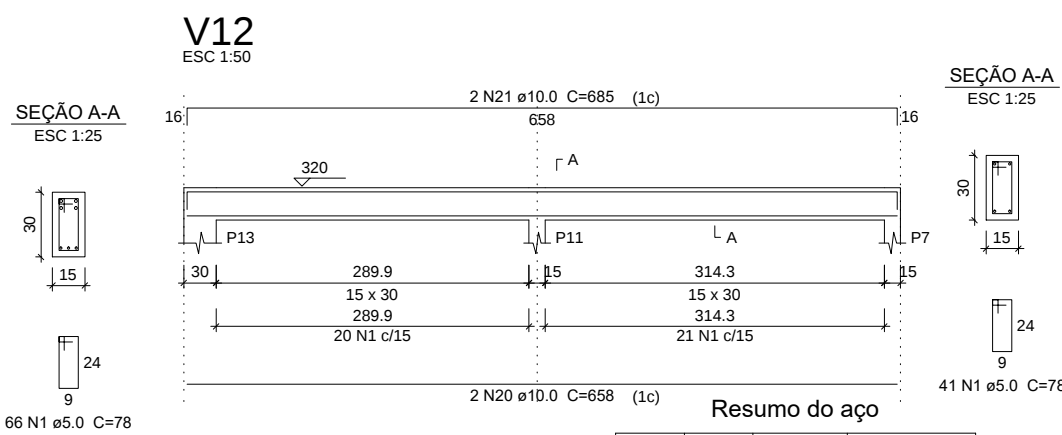
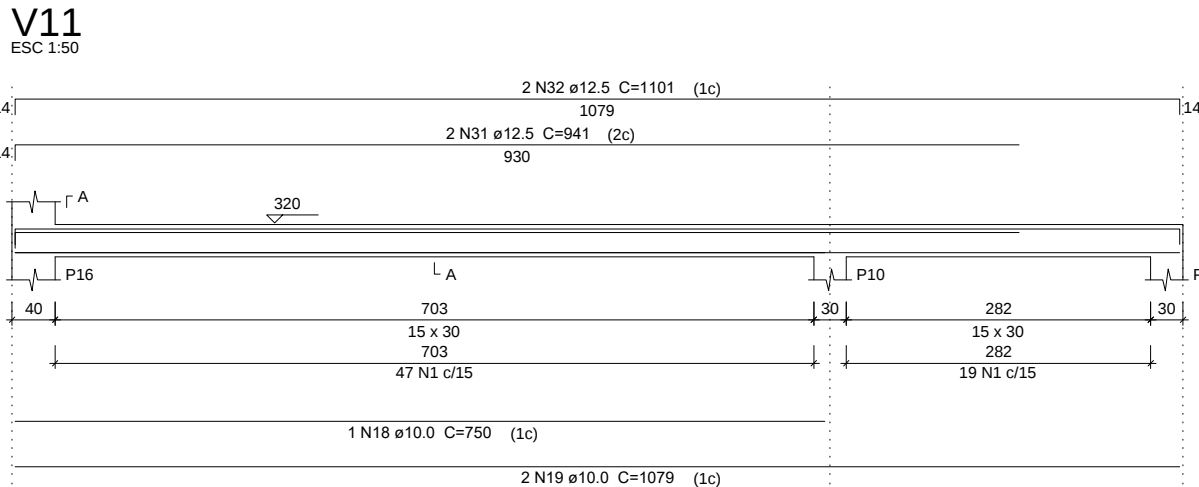
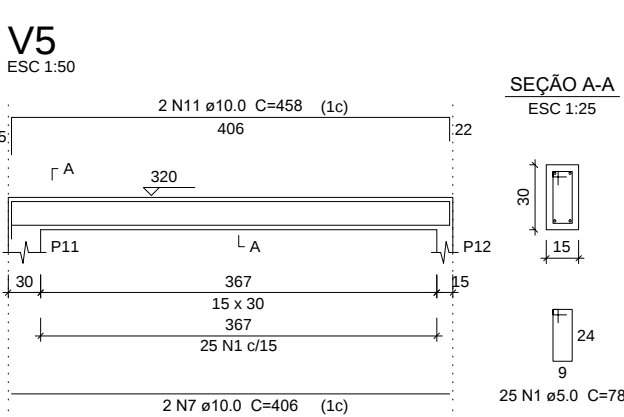
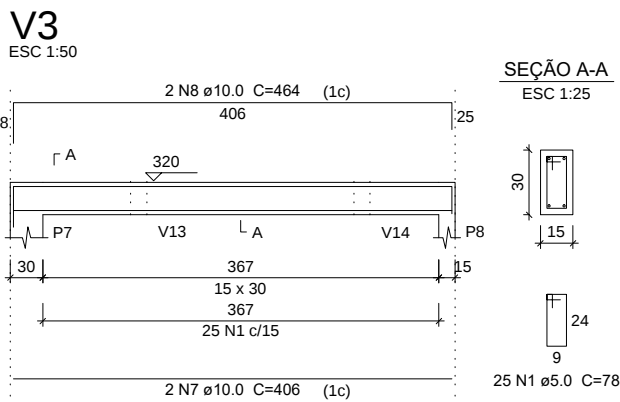
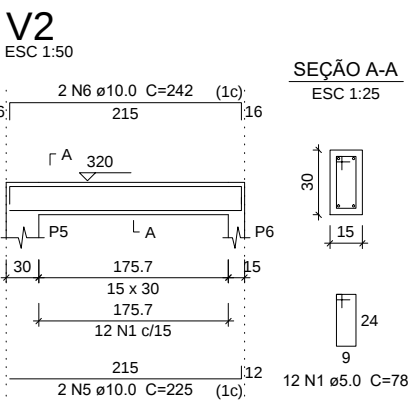
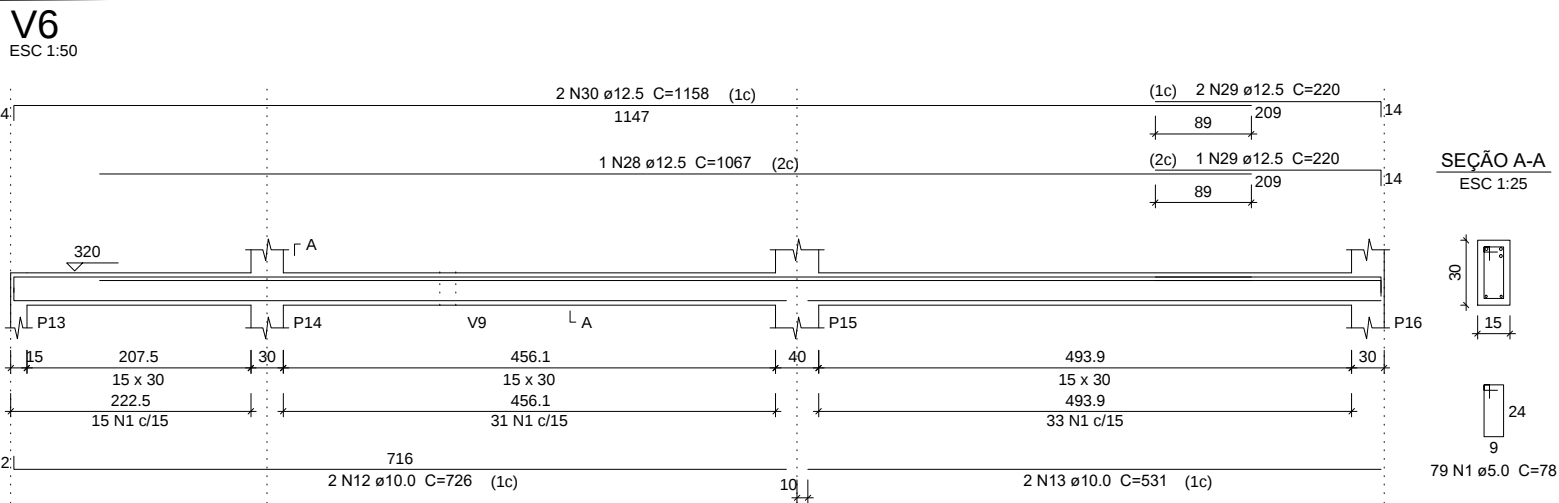
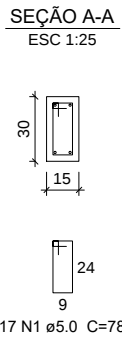
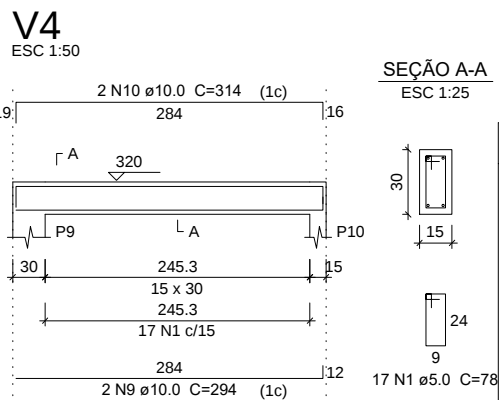
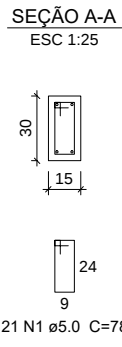
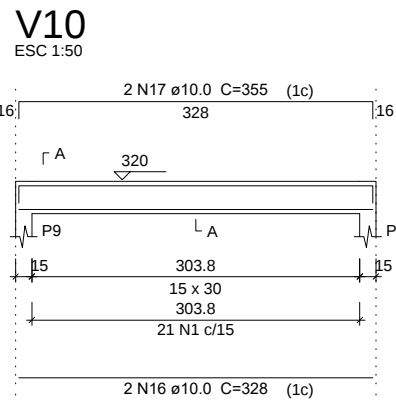
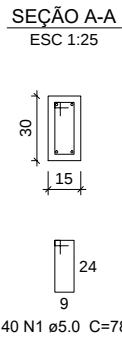
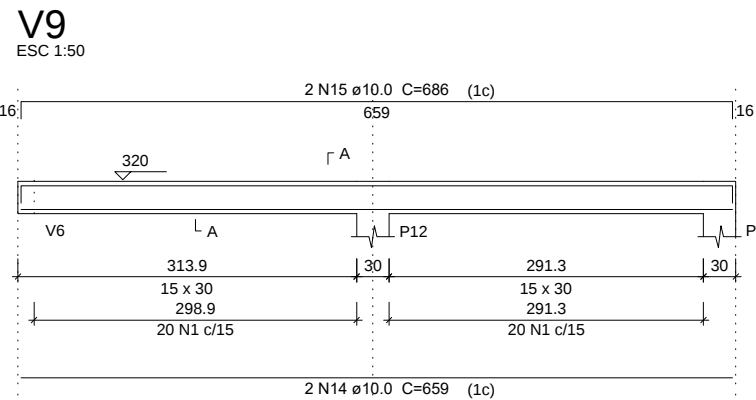




Resumo do aço

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10 % (kg)
CA50	10.0	243.5	165.1
CA60	12.5	118.8	125.9
CA60	5.0	356.5	60.4

Volume de concreto (C-25) = 3.35 m³
Área de forma = 55.8 m²



Relação do aço

AÇO	N	DIAM (mm)	QUANT (Barras)	UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	457	78	35646
CA50	2	10.0	1	649	649
	3	10.0	2	973	1946
	4	10.0	2	285	570
	5	10.0	2	225	450
	6	10.0	2	242	484
	7	10.0	4	406	1624
	8	10.0	2	464	928
	9	10.0	2	294	588
	10	10.0	2	314	628
	11	10.0	2	458	916
	12	10.0	2	726	1452
	13	10.0	2	531	1062
	14	10.0	2	659	1318
	15	10.0	2	686	1372
	16	10.0	2	328	656
	17	10.0	2	355	710
	18	10.0	1	750	750
	19	10.0	2	1079	2158
	20	10.0	2	658	1316
	21	10.0	2	685	1370
	22	10.0	2	414	828
	23	10.0	4	431	1724
	24	10.0	2	423	846
	25	12.5	1	1009	1009
	26	12.5	2	1150	2300
	27	12.5	2	222	444
	28	12.5	1	1067	1067
	29	12.5	3	220	660
	30	12.5	2	1158	2316
	31	12.5	2	941	1882
	32	12.5	2	1101	2202

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Prefeita Municipal

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GLAUBER MARTINS

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INS: MUNICIPAL - 25/688-0
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Projeto: PROJETO ESTRUTURAL EXECUTIVO		Data: 30/01/2020	
Local: AV. 19 DE MAIO - JARDIM SÃO LOURENÇO S/N			
Nome Proprietário: PREFEITURA MUNICIPAL ESTIVA GERBI - SP			
Folha: 08/10	Planta: VIGAS - PÉ DIREITO A 3 METROS - CONSTRUÇÃO DA NOVA SEDE DO CENTRO CULTURAL		
Responsável Técnico: GLAUBER MARTINS ENGENHEIRO CIVIL TEL: (19) 98272 9887		CREA 5069471150	ESCALA INDICADA