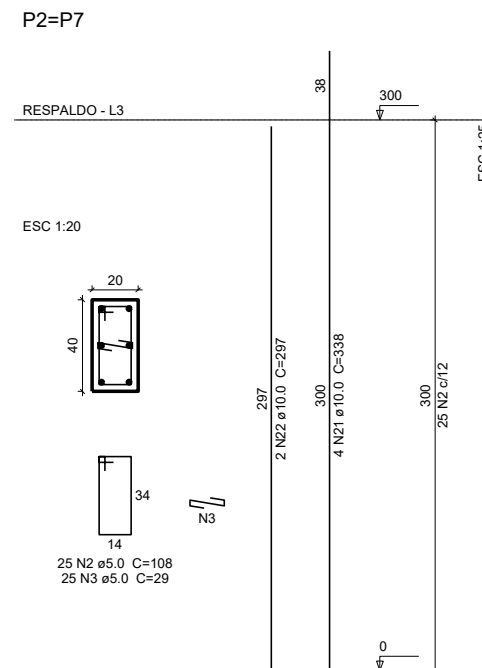
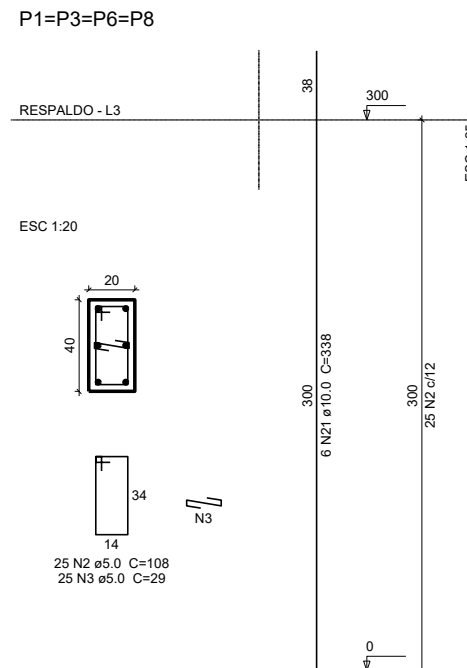
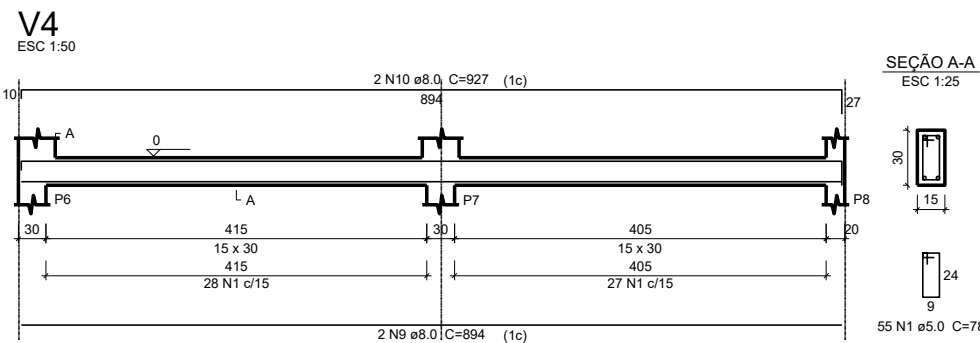
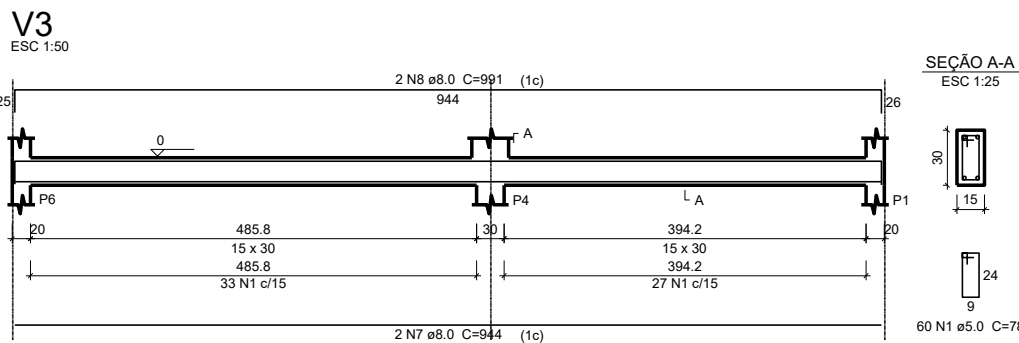




Relação do aço

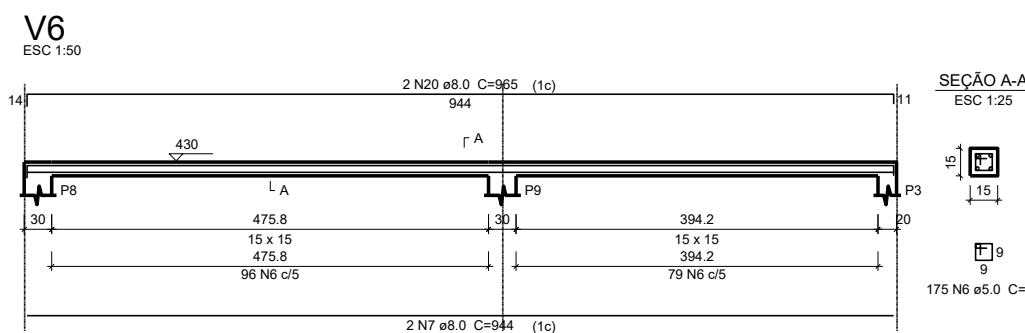
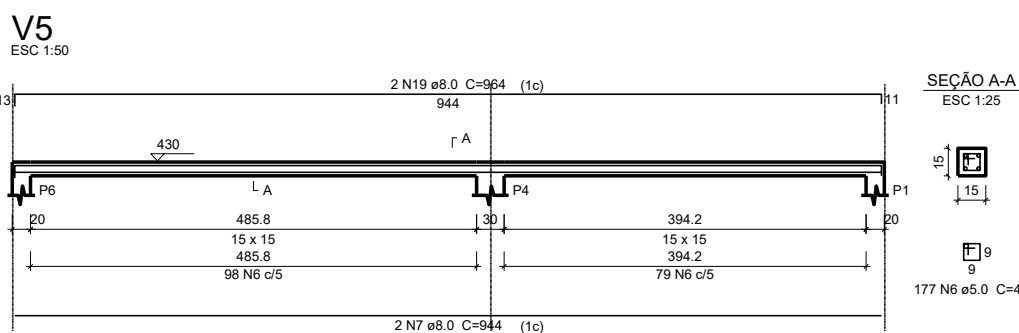
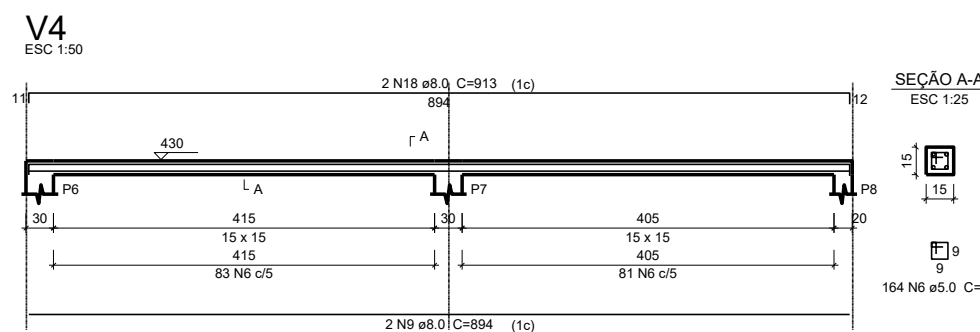
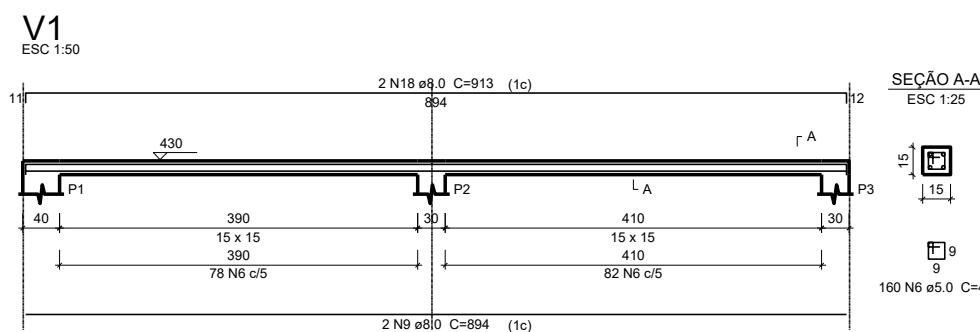
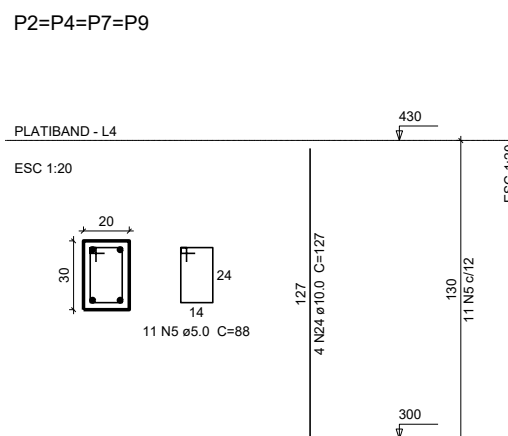
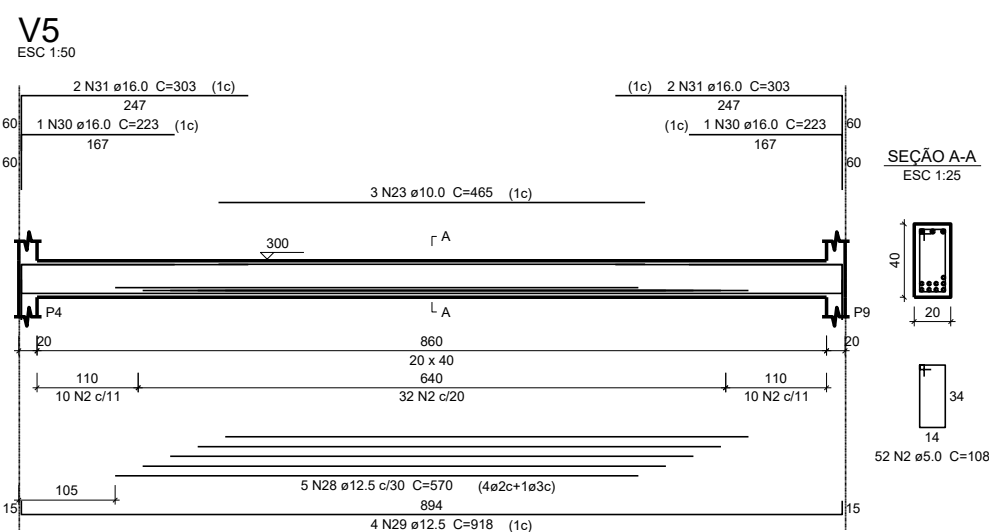
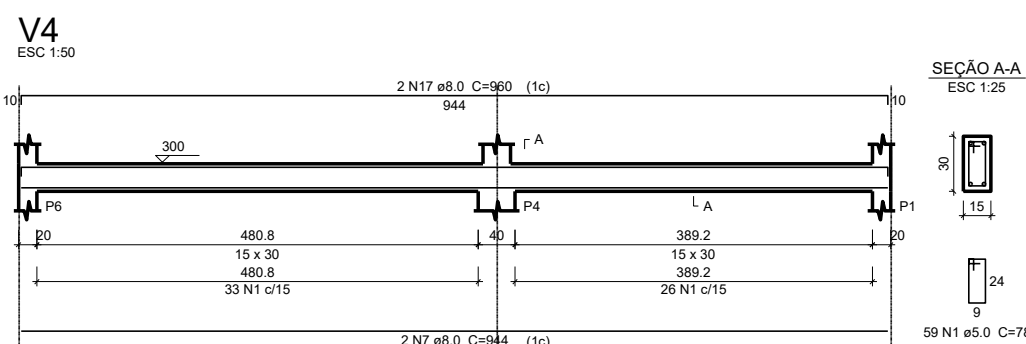
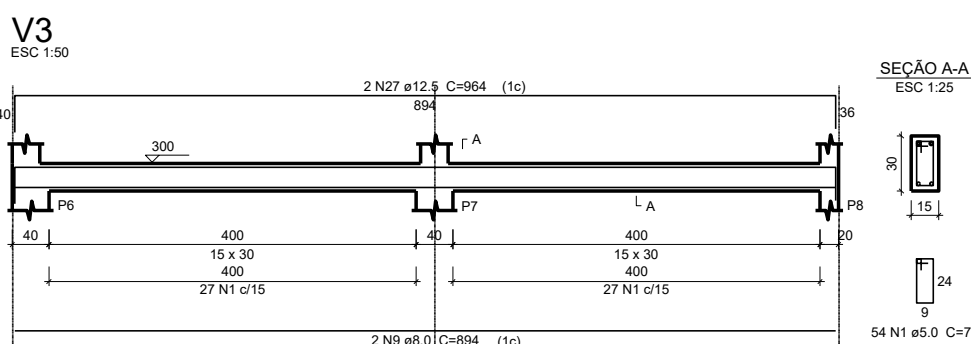
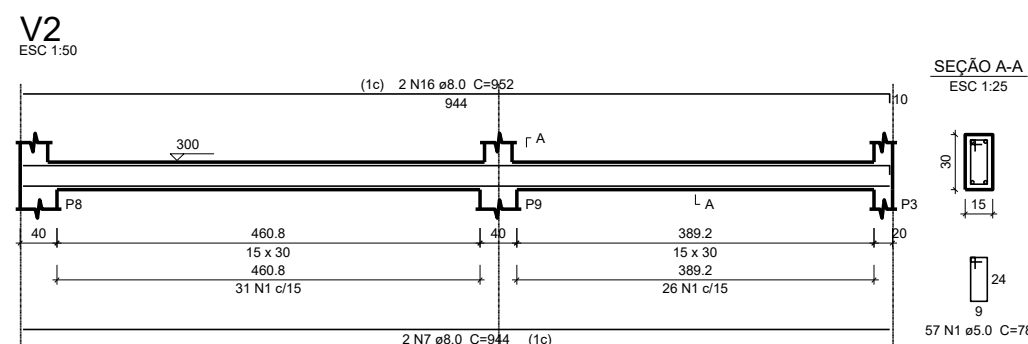
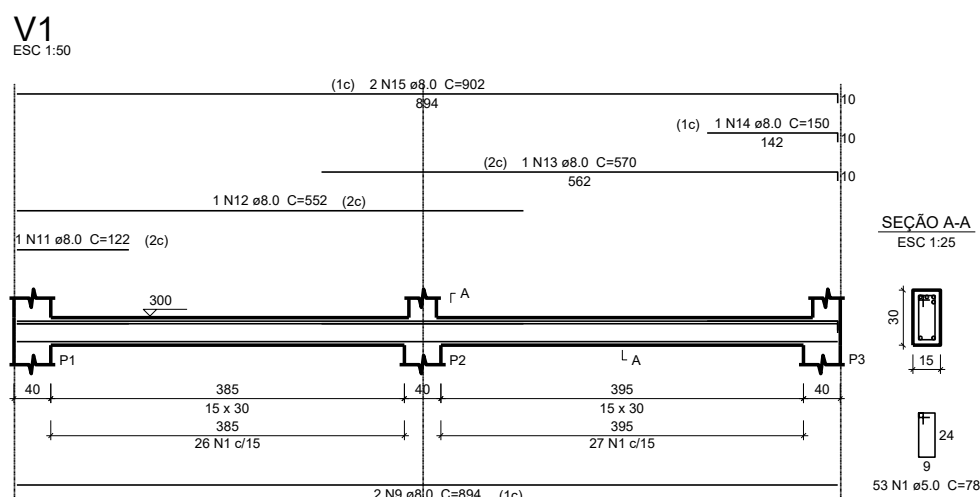
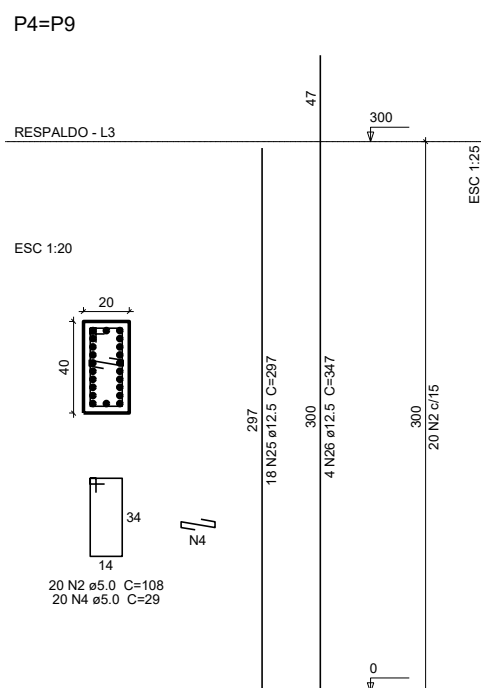
BAZIL	CA	CA	CA	CA	CA
BALDRAME:	V3	V4			
PLATIBAND:	4xP2	V1			
	V4	V5			
RESPALDO:	4xP1	2xP2			
	V1	V3			
	V2	V5			
	V4				

CA	N	DIAM (mm)	QUANT (Barras)	UNIT (cm)	C.TOTAL (cm)
CA50	1	5.0	338	78	26364
	2	5.0	242	106	25636
	3	5.0	150	29	4350
	4	5.0	40	29	1160
	5	5.0	44	88	3872
	6	5.0	678	46	32448
	7	8.0	10	944	9440
	8	8.0	2	991	1982
	9	8.0	10	894	8940
	10	8.0	2	927	1854
	11	8.0	1	122	122
	12	8.0	1	552	552
	13	8.0	1	570	570
	14	8.0	1	150	150
	15	8.0	2	902	1804
	16	8.0	2	952	1904
	17	8.0	2	960	1920
	18	8.0	4	913	3652
	19	8.0	2	964	1928
	20	8.0	2	965	1930
	21	10.0	32	338	10816
	22	10.0	4	297	1188
	23	10.0	3	465	1395
	24	10.0	16	127	2032
	25	12.5	36	297	10692
	26	12.5	8	347	2776
	27	12.5	2	964	1928
	28	12.5	5	570	2850
	29	12.5	4	918	3672
	30	16.0	2	223	446
	31	16.0	4	303	1212

Resumo do aço

CA	DIAM (mm)	C.TOTAL (m)	PESO + 10 % (kg)
CA50	8.0	367.5	159.5
	10.0	154.4	104.7
	12.5	219.2	232.3
	16.0	16.6	28.8
CA60	5.0	943.3	159.9
PESO TOTAL (kg)			
CA50		525.2	
CA60		159.9	

Volume de concreto (C-25) = 6.28 m³
Área de forma = 101.28 m²



MUNICIPIO DE QUATRO IRMÃOS

PROJETO ESTRUTURAL - ampliação UBS

Proprietário: _____

PREFEITURA MUNICIPAL DE QUATRO IRMÃOS

Local: Rua Leão Kwitko - Centro - Quatro Irmãos - RS

Responsável Técnico: Eng. Civil Daniela Tonial Cattani
CREA RS 187.228

Todos os direitos Reservados ao autor do projeto conforme lei federal nº 5194/68

Área	Escala	Data	Desenho	Prancha N°
	Indicada	outubro/2022	Daniela	03