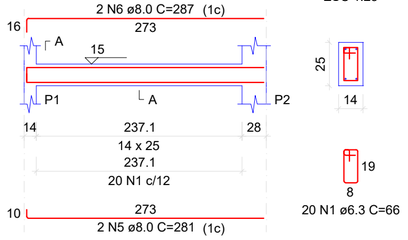
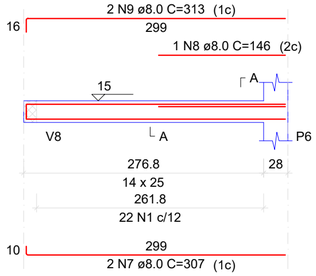
V1
ESC 1:50

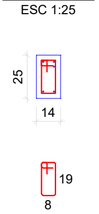


SEÇÃO A-A
ESC 1:25

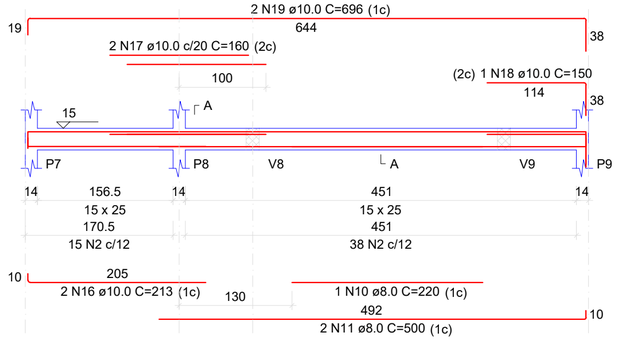
V2
ESC 1:50



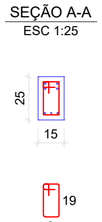
SEÇÃO A-A
ESC 1:25



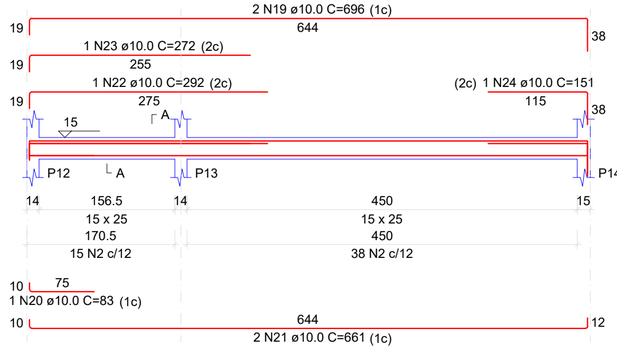
V3
ESC 1:50



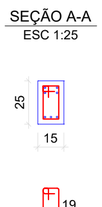
SEÇÃO A-A
ESC 1:25



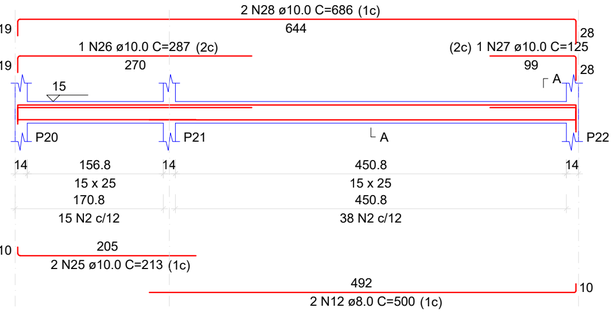
V4
ESC 1:50



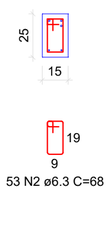
SEÇÃO A-A
ESC 1:25



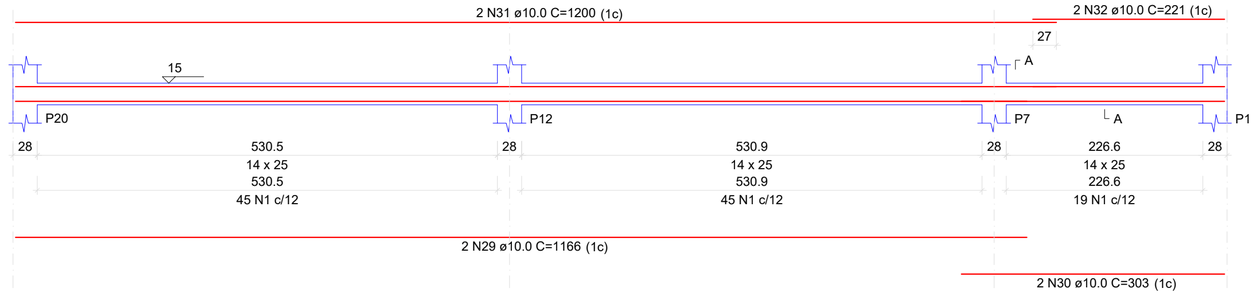
V5
ESC 1:50



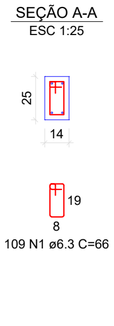
SEÇÃO A-A
ESC 1:25



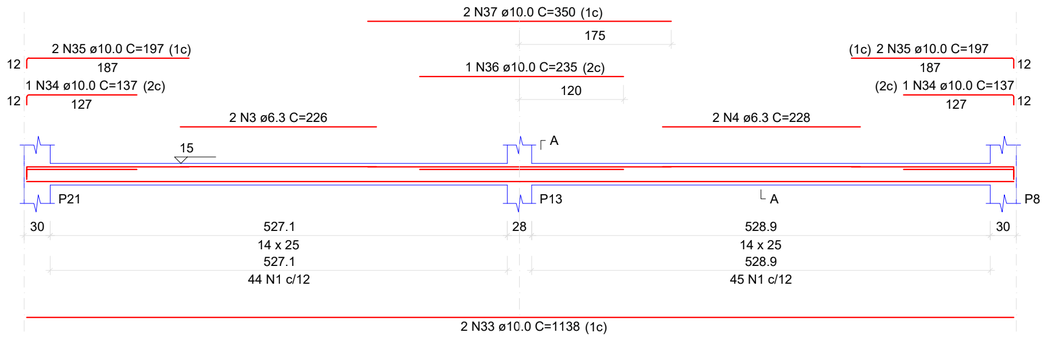
V6
ESC 1:50



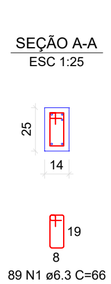
SEÇÃO A-A
ESC 1:25



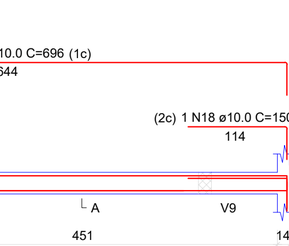
V7
ESC 1:50



SEÇÃO A-A
ESC 1:25

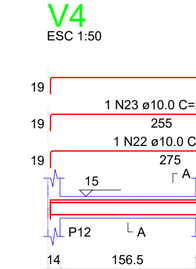


V8
ESC 1:50



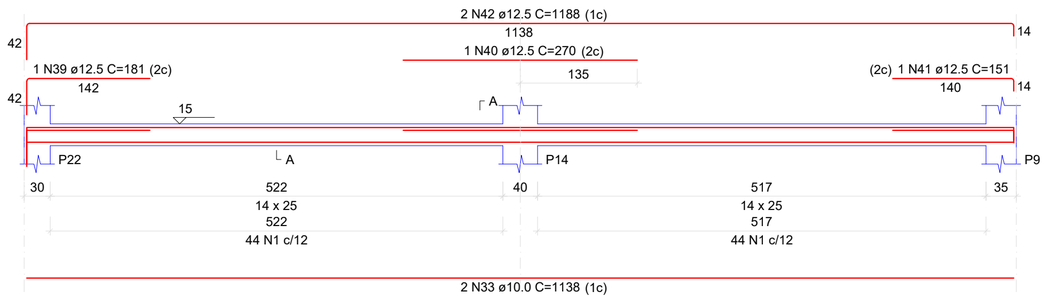
SEÇÃO A-A
ESC 1:25

V9
ESC 1:50

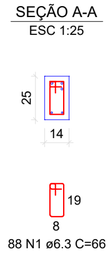


SEÇÃO A-A
ESC 1:25

V10
ESC 1:50



SEÇÃO A-A
ESC 1:25



RELAÇÃO DO AÇO

V1 V2 V3
V4 V5 V6
V7 V8 V9
V10

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA50	1	6.3	328	66	21648
	2	6.3	193	68	13124
	3	6.3	2	226	452
	4	6.3	2	228	456
	5	8.0	2	281	562
	6	8.0	2	287	574
	7	8.0	2	307	614
	8	8.0	1	146	146
	9	8.0	2	313	626
	10	8.0	1	220	220
	11	8.0	2	500	1000
	12	8.0	2	500	1000
	13	8.0	2	265	530
	14	8.0	2	183	366
	15	8.0	3	214	642
	16	10.0	2	213	426
	17	10.0	2	160	320
	18	10.0	1	150	150
	19	10.0	4	696	2784
	20	10.0	1	83	83
	21	10.0	2	661	1322
	22	10.0	1	292	292
	23	10.0	1	272	272
	24	10.0	1	151	151
	25	10.0	2	213	426
	26	10.0	1	287	287
	27	10.0	1	125	125
	28	10.0	2	686	1372
	29	10.0	2	1166	2332
	30	10.0	2	303	606
	31	10.0	2	1200	2400
	32	10.0	2	221	442
	33	10.0	4	1138	4552
	34	10.0	2	137	274
	35	10.0	4	197	788
	36	10.0	1	235	235
	37	10.0	2	350	700
	38	10.0	2	304	608
	39	12.5	1	181	181
	40	12.5	1	270	270
	41	12.5	1	151	151
	42	12.5	2	1188	2376

RESUMO DO AÇO

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10% (kg)
CA50	6.3	356.8	96
	8.0	62.8	27.3
	10.0	209.5	142.1
	12.5	29.8	31.6

PESO TOTAL (kg)	
CA50	296.9

Volume de concreto (C-25) = 2.23 m³
Área de forma = 40.02 m²

AMPLIAÇÃO DA ESCOLA OSVALDO CRUZ

PROPRIETáRIO:
PREFEITURA MUNICIPAL DE ERNESTINA

RESPONSÁVEL TÉCNICO:
MICHELI GOEDEL
CREA/RS 243.027

ÁREA TOTAL:	ESCALA:	ASSUNTO:	DATA:	Nº FOLHA:
184m²	INDICADA	ESTRUTURAL	ABRIL/2023	06