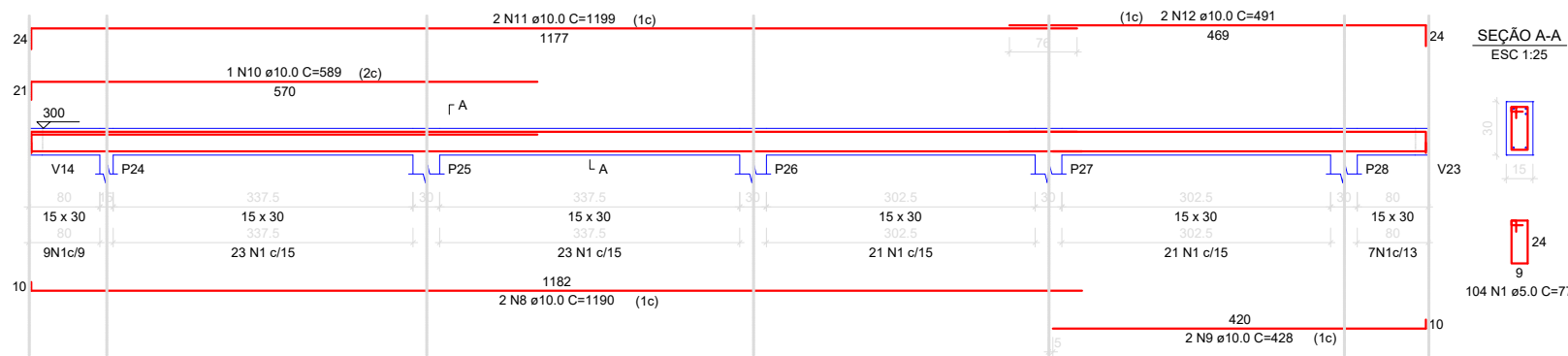


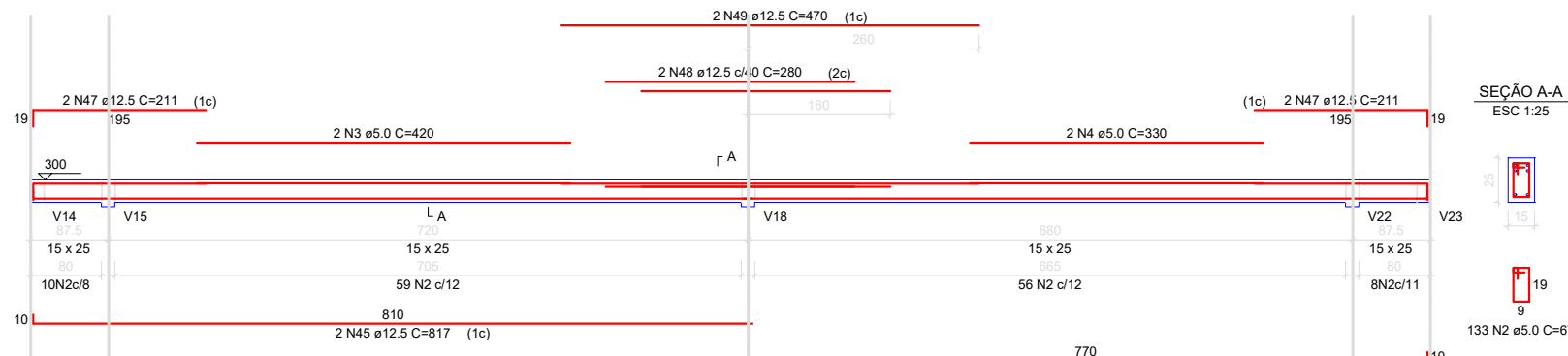
V10

ESC 1:50



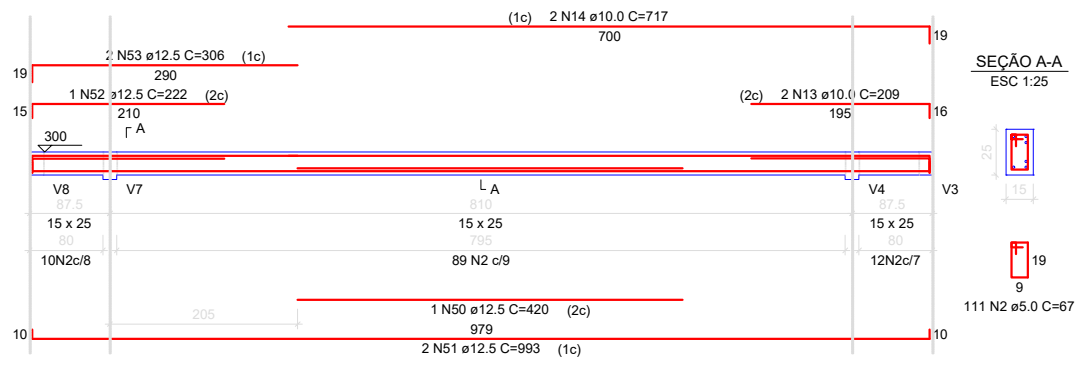
V11

ESC 1:50



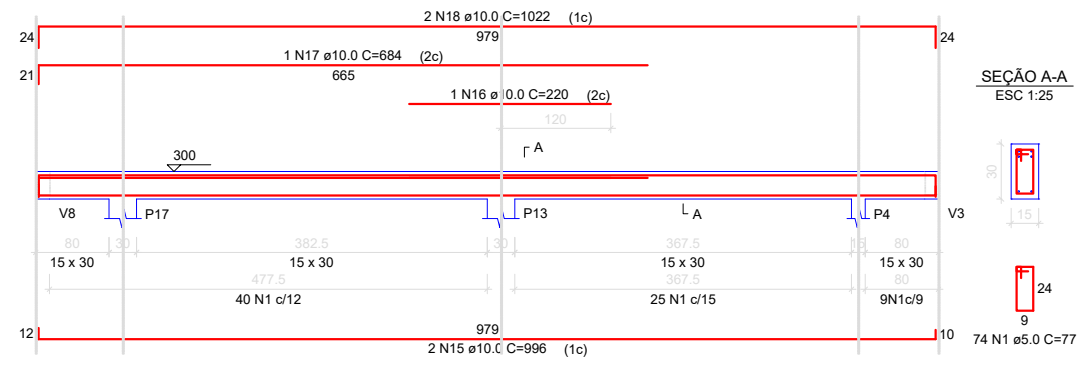
V12

ESC 1:50



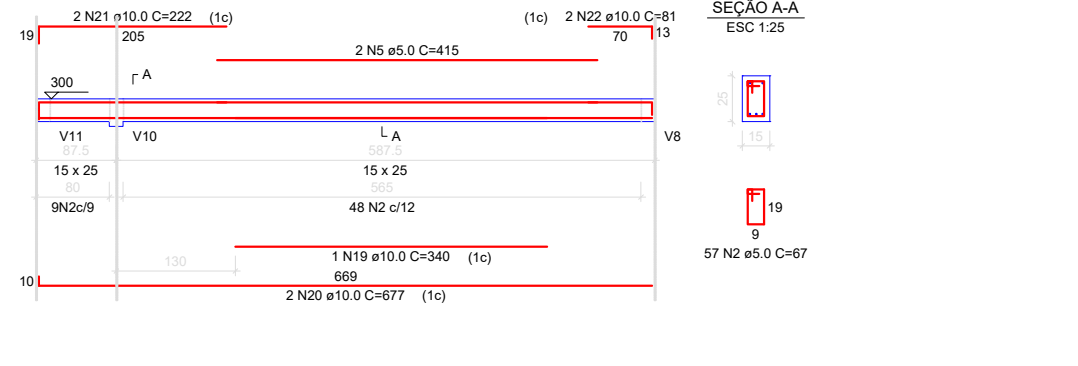
V13

ESC 1:50



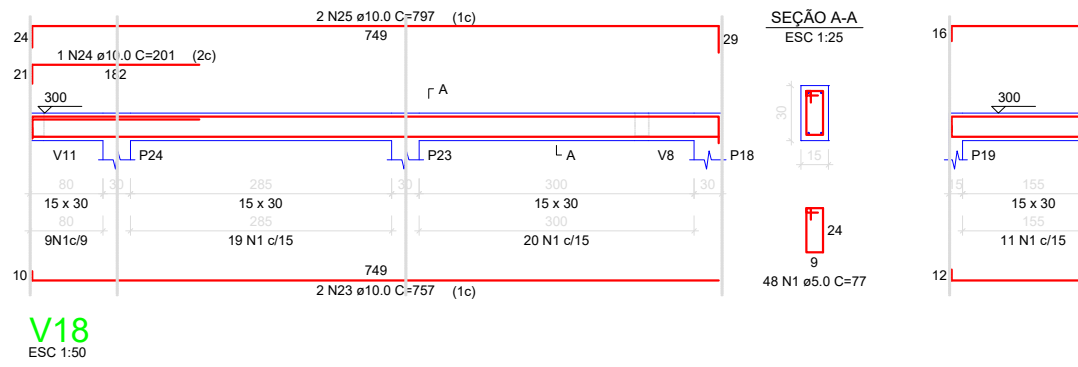
V14

ESC 1:50



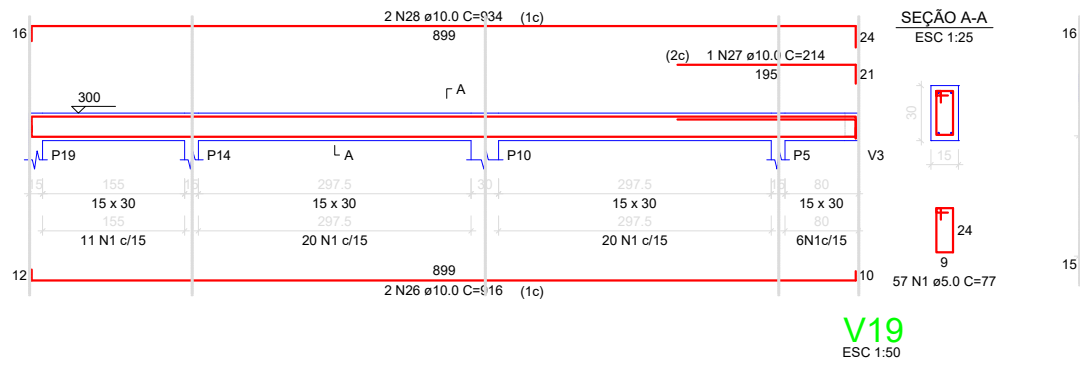
V15

ESC 1:50



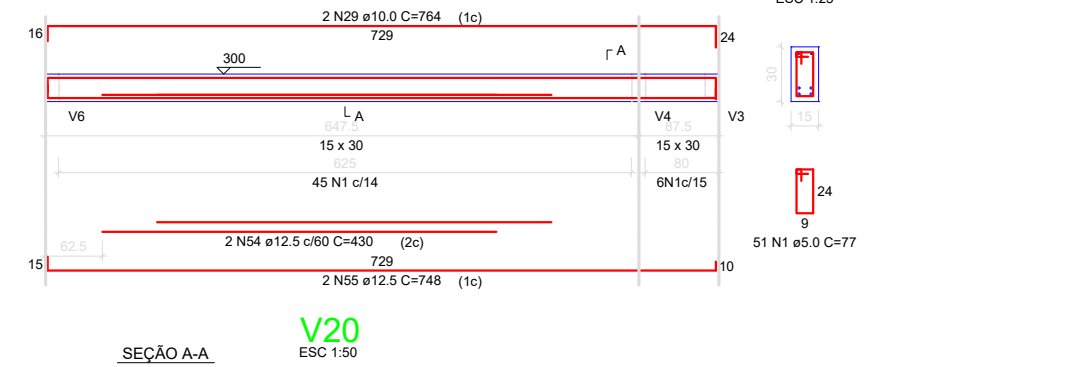
V16

ESC 1:50



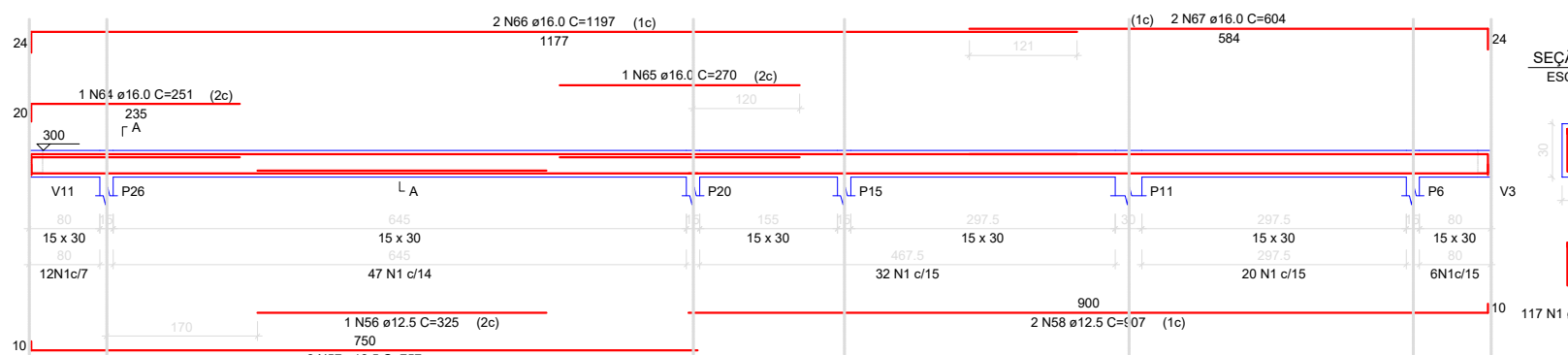
V17

ESC 1:50



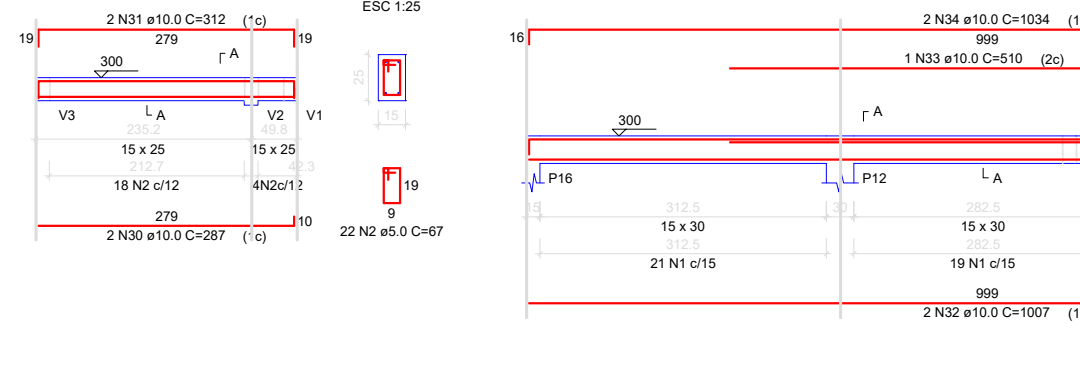
V18

ESC 1:50



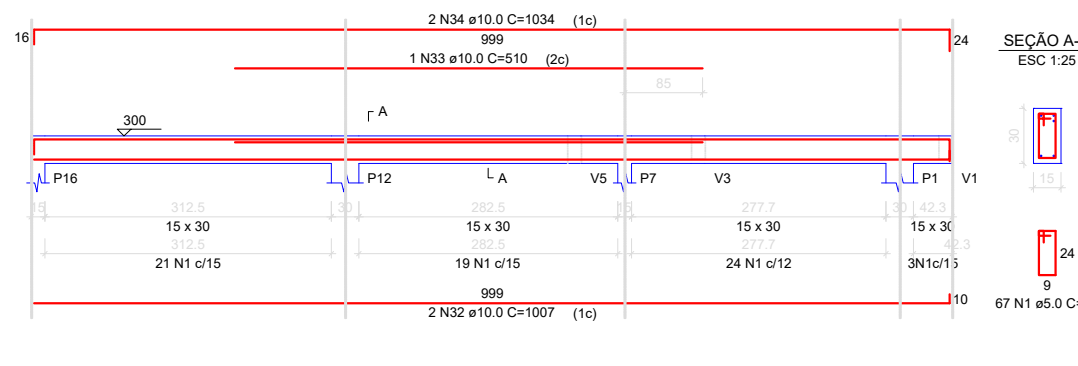
V19

ESC 1:50



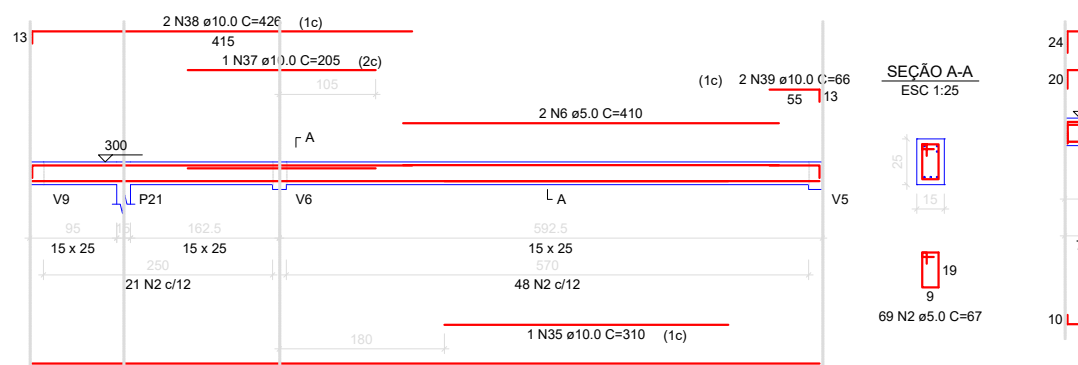
V20

ESC 1:50



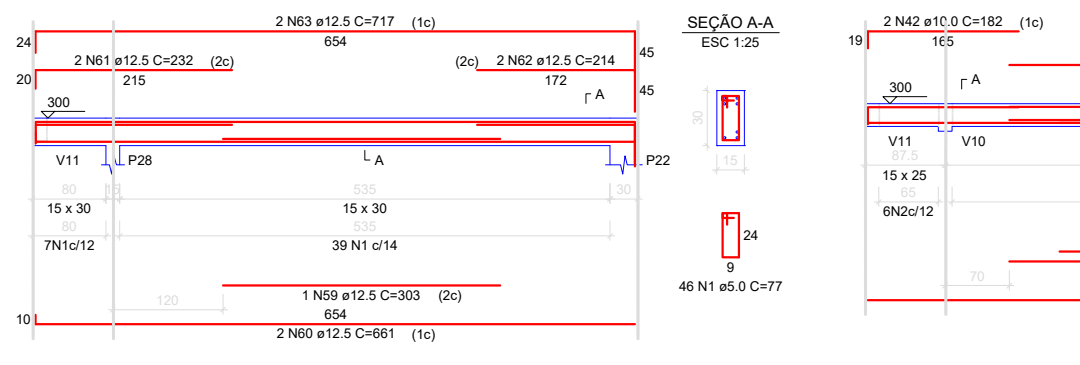
V21

ESC 1:50



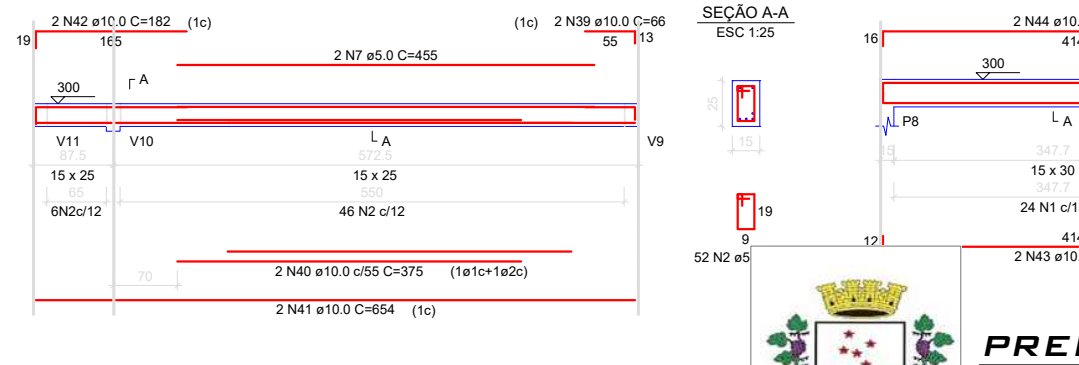
V22

ESC 1:50



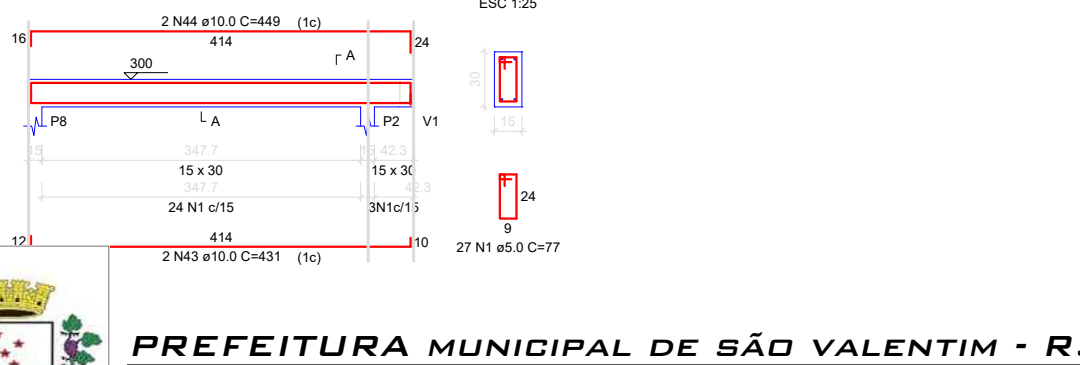
V23

ESC 1:50



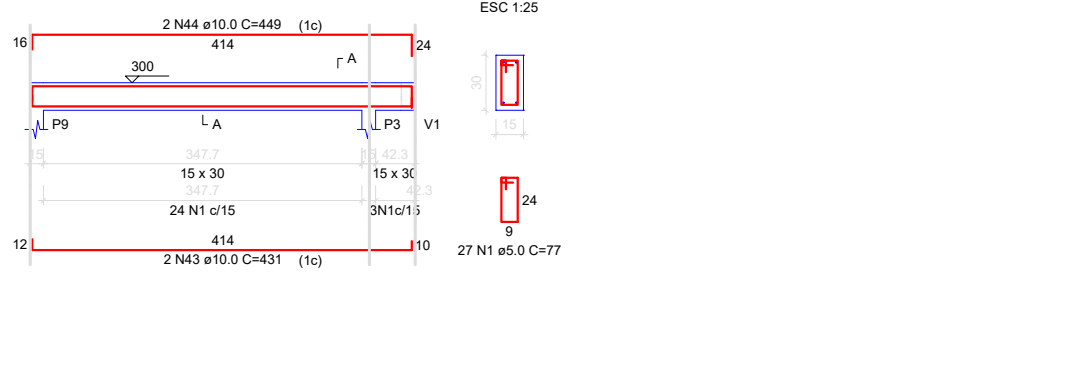
V24

ESC 1:50



V25

ESC 1:50



RELAÇÃO DO AÇO

AÇO	N	DIAM (mm)	QUANT	C-UNIT (cm)	C-TOTAL (cm)
CA50	2	5.0	819	67	27746
	3	5.0	444	67	29746
	4	5.0	330	60	600
	5	5.0	416	60	830
	6	5.0	410	60	820
	7	5.0	455	910	910
	8	10.0	1180	2380	2380
	9	10.0	428	856	856
	10	10.0	388	988	988
	11	10.0	1188	2388	2388
	12	10.0	491	952	952
	13	10.0	309	416	416
	14	10.0	717	1434	1434
	15	10.0	986	1962	1962
	16	10.0	220	220	220
	17	10.0	684	684	684
	18	10.0	1022	2044	2044
	19	10.0	340	340	340
	20	10.0	677	1354	1354
	21	10.0	222	444	444
	22	10.0	81	162	162
	23	10.0	767	1534	1534
	24	10.0	201	201	201
	25	10.0	797	1594	1594
	26	10.0	616	1832	1832
	27	10.0	214	214	214
	28	10.0	934	1868	1868
	29	10.0	764	1528	1528
	30	10.0	287	574	574
	31	10.0	1112	624	624
	32	10.0	1007	2014	2014
	33	10.0	510	510	510
	34	10.0	1034	2068	2068
	35	10.0	310	310	310
	36	10.0	688	1718	1718
	37	10.0	208	208	208
	38	10.0	428	856	856
	39	10.0	88	264	264
	40	10.0	375	750	750
	41	10.0	654	1308	1308
	42	10.0	182	364	364
	43	10.0	431	862	862
	44	10.0	449	898	898
	45	12.5	817	1634	1634
	46	12.5	777	1554	1554
	47	12.5	211	844	844
	48	12.5	280	560	560
	49	12.5	470	940	940
	50	12.5	420	840	840
	51	12.5	985	1970	1970
	52	12.5	222	444	444
	53	12.5	308	616	616
	54	12.5	430	860	860
	55	12.5	748	1496	1496
	56	12.5	325	650	650
	57	12.5	757	1514	1514
	58	12.5	607	1214	1214
	59	12.5	303	606	606
	60	12.5	681	1362	1362
	61	12.5	232	464	464
	62	12.5	214	428	428
	63	12.5	717	1434	1434
	64	18.0	231	462	462
	65	18.0	270	540	540
	66	18.0	1197	2394	2394
	67	18.0	804	1608	1608

RESUMO DO AÇO

AÇO	DIAM (mm)	C-TOTAL (m)	PESO + 10% (kg)
CA50	10.0	401.3	272.2
	12.5	187.3	198.5
	18.0	41.2	71.6
CA60	5.0	813.9	138
PESO TOTAL (kg)			
CA50		542.2	
CA60		138	

Volume de concreto (C-25) = 5.99 m³  
Área de forma = 101.08 m²



PREFEITURA MUNICIPAL DE SÃO VALENTIM - RS

Praça Tancredo de Almeida Neves, 30, - São Valentim/RS  
Fones: 33731206 / 33731224

AMPLIAÇÃO CRECHE PINGO DE GENTE

ENDEREÇO: RUA PEDRO DASSOLER, CENTRO SÃO VALENTIM - RS.

PROPRIETÁRIO:

PREFEITURA MUNICIPAL DE SÃO VALENTIM

RESPONSÁVEL TÉCNICO:

MATEUS A. ARTUZI  
ENG.º CIVIL - CREA RS 219322

ESTRUTURAL

08/08

DATA: ABRIL/2022  
DESENHO: MATEUS  
ESCALA: INDICADA