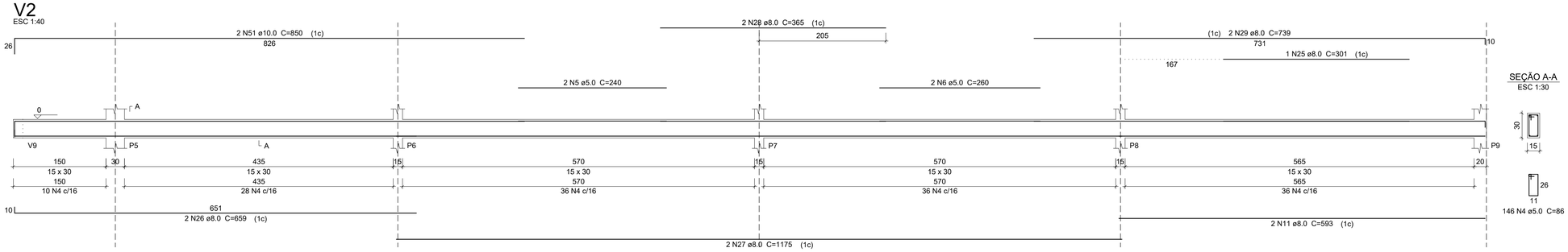
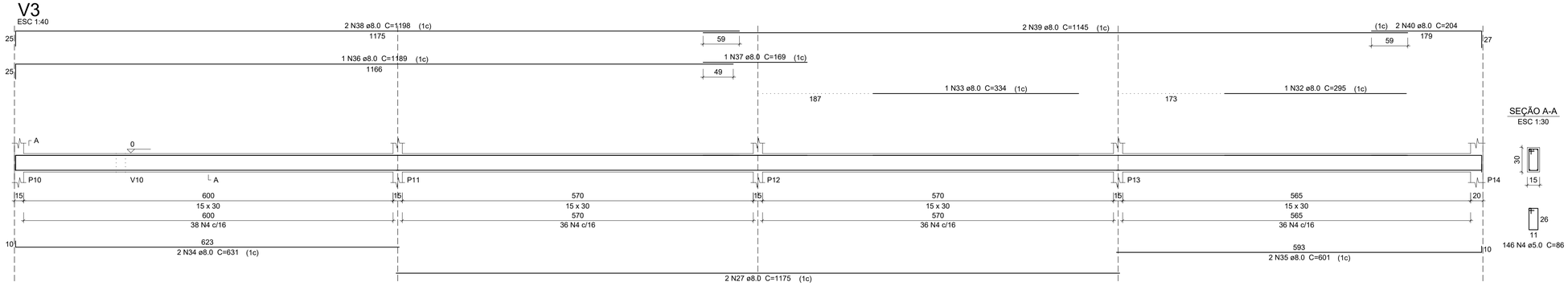
V2
ESC 1:40



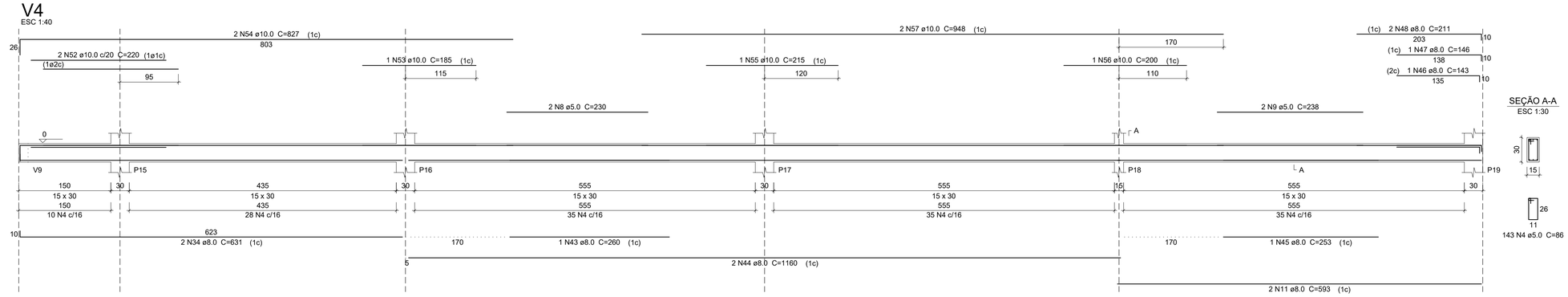
SEÇÃO A-A
ESC 1:30

V3
ESC 1:40



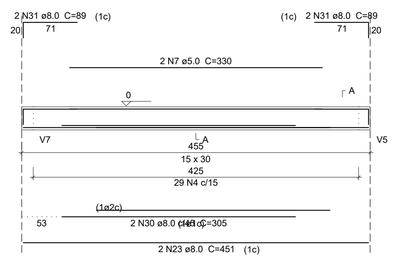
SEÇÃO A-A
ESC 1:30

V4
ESC 1:40

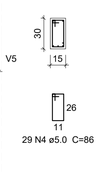


SEÇÃO A-A
ESC 1:30

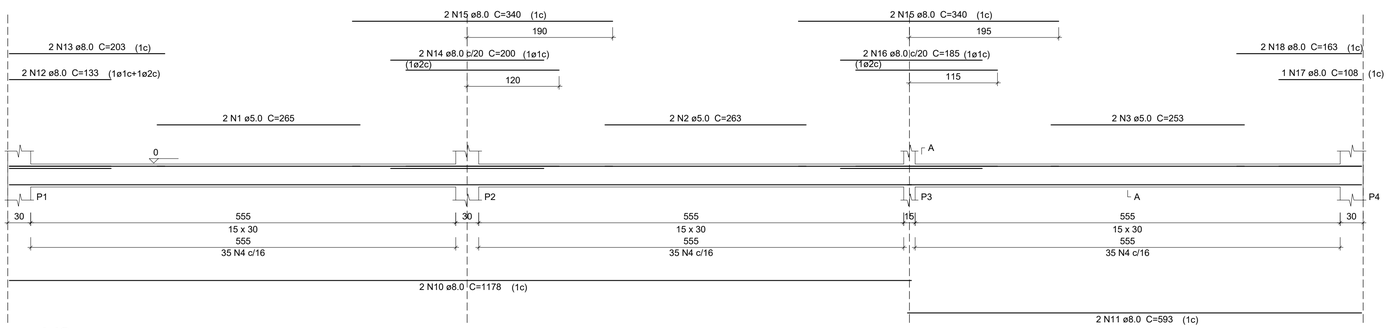
V13
ESC 1:40



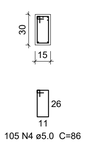
SEÇÃO A-A
ESC 1:30



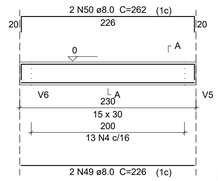
V1
ESC 1:40



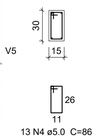
SEÇÃO A-A
ESC 1:30



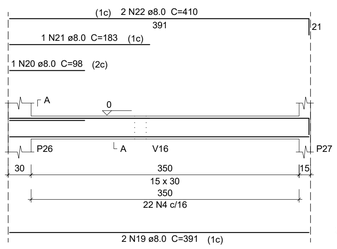
V16
ESC 1:40



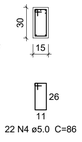
SEÇÃO A-A
ESC 1:30



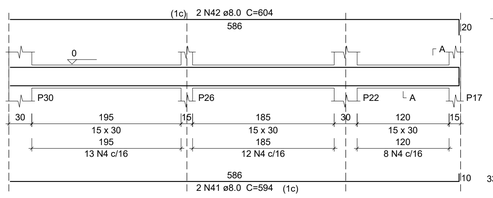
V6
ESC 1:40



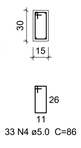
SEÇÃO A-A
ESC 1:30



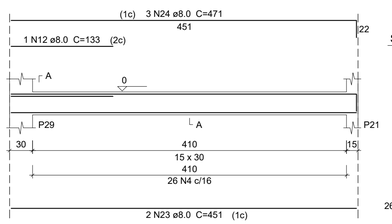
V15
ESC 1:40



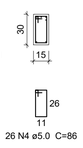
SEÇÃO A-A
ESC 1:30



V12
ESC 1:40



SEÇÃO A-A
ESC 1:30



Relação do aço

V1	V2	V3
V4	V6	V12
V13	V15	V16

AÇO	N	DIAM	Q	UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	2	265	530
	2	5.0	2	263	526
	3	5.0	2	253	506
	4	5.0	663	86	57018
	5	5.0	2	240	480
	6	5.0	2	260	520
	7	5.0	2	330	660
	8	5.0	2	230	460
	9	5.0	2	238	476
CA50	10	8.0	2	1178	2356
	11	8.0	6	593	3558
	12	8.0	3	133	399
	13	8.0	2	203	406
	14	8.0	2	200	400
	15	8.0	4	340	1360
	16	8.0	2	185	370
	17	8.0	1	108	108
	18	8.0	2	163	326
	19	8.0	2	391	782
	20	8.0	1	98	98
	21	8.0	1	183	183
	22	8.0	2	410	820
	23	8.0	4	451	1804
	24	8.0	3	471	1413
	25	8.0	1	301	301
	26	8.0	2	659	1318
	27	8.0	4	1175	4700
	28	8.0	2	365	730
	29	8.0	2	739	1478
	30	8.0	2	305	610
	31	8.0	4	89	356
	32	8.0	1	295	295
	33	8.0	1	334	334
	34	8.0	4	631	2524
	35	8.0	2	601	1202
	36	8.0	1	1189	1189
	37	8.0	1	169	169
	38	8.0	2	1198	2396
	39	8.0	2	1145	2290
	40	8.0	2	204	408
	41	8.0	2	594	1188
	42	8.0	2	604	1208
	43	8.0	1	260	260
	44	8.0	2	1160	2320
	45	8.0	1	253	253
	46	8.0	1	143	143
	47	8.0	1	146	146
	48	8.0	2	211	422
	49	8.0	2	226	452
	50	8.0	2	262	524
	51	10.0	2	850	1700
	52	10.0	2	220	440
	53	10.0	1	185	185
	54	10.0	2	827	1654
	55	10.0	1	215	215
	56	10.0	1	200	200
	57	10.0	2	948	1896

Resumo do aço

AÇO	DIAM	C.TOTAL (m)	PESO + 10 % (kg)
CA50	8.0	416	180.6
	10.0	62.9	42.7
CA60	5.0	611.8	103.7
PESO TOTAL			
CA50	223.2		
CA60	103.7		

Vol. de concreto total (C-25) = 4.97 m³
Área de forma total = 82.88 m²

LEGENDA
○ Barra que passa
⊠ Barra que morre
⊖ Barra que nasce

FCK
250 kgf/cm² (25 MPa)

Direitos autorais reservados - Lei 5988/73.
Consultar projetos complementares.
Verificar medidas na obra.
Medidas em metros, Divergência entre cotas e escala, prevalece as cotas.
Qualquer alteração deverá ser autorizado pelo responsável técnico
Declaro que a aprovação do projeto não implica no recolhimento de taxas, nem do direito de propriedade do terreno

OBRA :
PROJETO DE UMA EDIFICAÇÃO ESCOLAR EM ALVENARIA (AMPLIAÇÃO)

LOCAL :
ACESSO CIDADE ALTA, LOTE 01, QUADRA 381, SÃO CRISTOVÃO, CAPINZAL-SC

AREAS :
A AMPLIAR: 355,44 m²
TOTAL: 651,81 m²

DATA :
DEZ./2017

ESCALA :
INDICADA

ESPECIFICAÇÕES :
PROJETO ESTRUTURAL
VIGAS BALDRAME - Pr. 01/02

PROJETO — Resp. Técnico
EXECUÇÃO — Resp. Técnico
PROPRIETÁRIO — PREFEITURA MUNICIPAL DE CAPINZAL - CNPJ 82.939.406/0001-07

PRANCHA :
ESTR.
06
06-15