

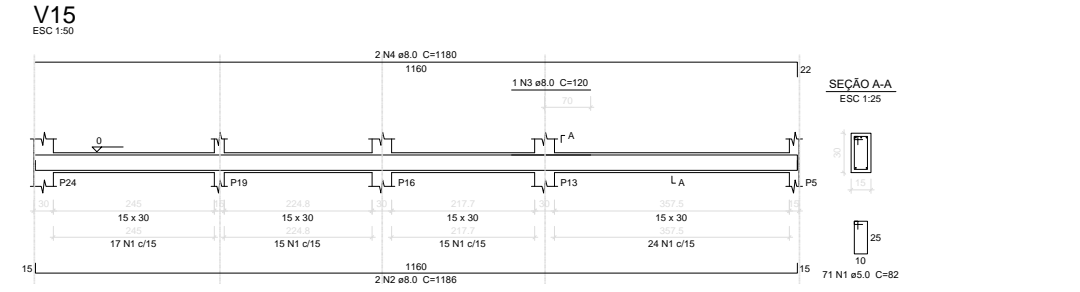
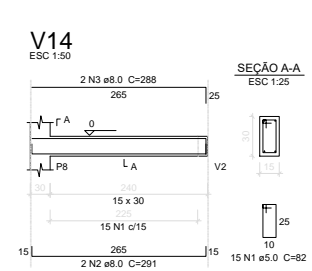
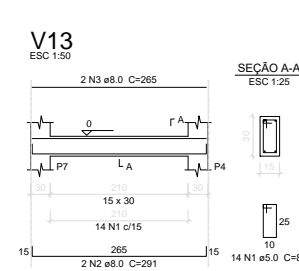
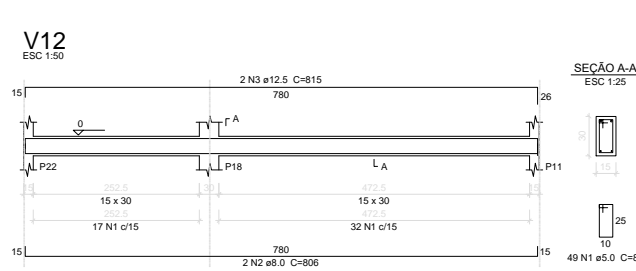
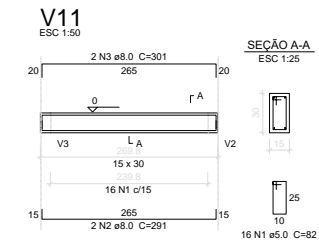
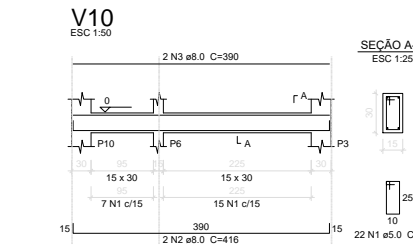
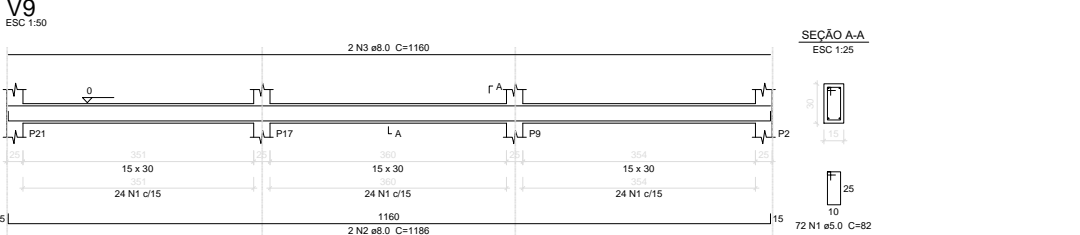
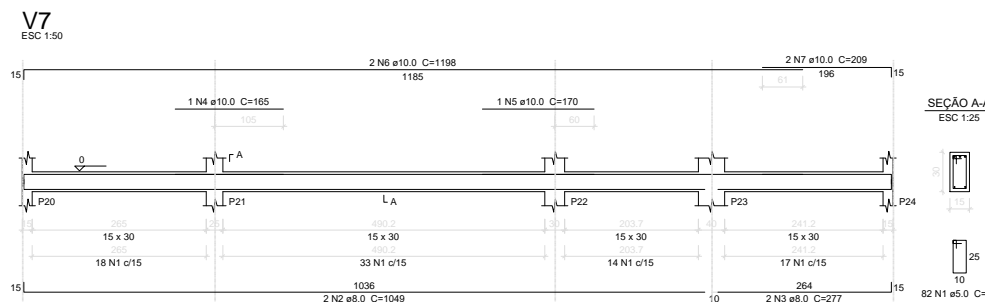
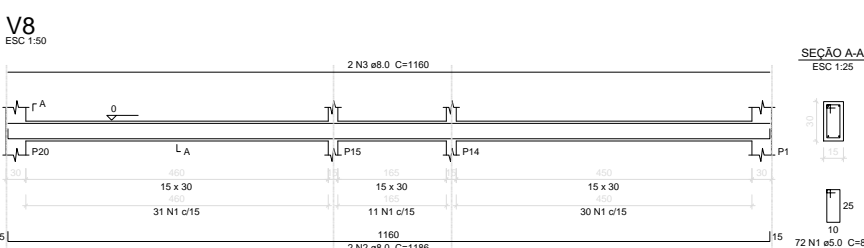
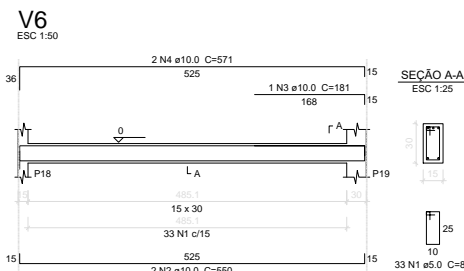
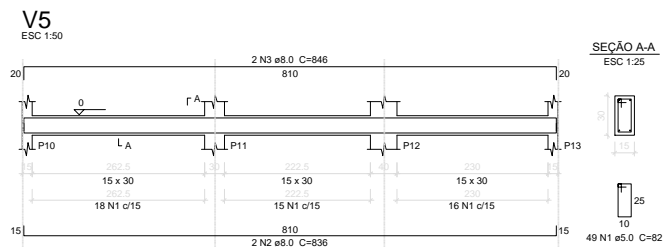
Relação do aço

ELEMENTO	AÇO	N	DIAM	Q	UNIT (cm)	C.TOTAL (cm)
V1	CA60	1	5.0	18	82	1476
	CA50	2	8.0	2	326	652
	CA50	3	8.0	2	318	636
V2	CA60	1	5.0	66	82	5330
	CA50	2	8.0	1	160	160
	CA50	3	8.0	2	1066	2132
	CA50	4	10.0	1	210	210
	CA50	5	10.0	2	1063	2106
V3	CA60	1	5.0	24	82	1968
	CA50	2	10.0	2	425	850
	CA50	3	10.0	2	444	888
V4	CA60	1	5.0	10	82	820
	CA50	2	8.0	2	191	382
	CA50	3	8.0	2	204	408
V5	CA60	1	5.0	49	82	4018
	CA50	2	8.0	2	836	1672
	CA50	3	8.0	2	846	1692
	CA60	1	5.0	33	82	2706
V6	CA50	2	10.0	2	550	1100
	CA50	3	10.0	1	181	181
	CA50	4	10.0	2	571	1142
	CA60	1	5.0	82	82	6724
V7	CA50	2	8.0	2	1049	2098
	CA50	3	8.0	2	277	554
	CA50	4	10.0	1	165	165
	CA50	5	10.0	1	170	170
	CA50	6	10.0	2	1198	2396
	CA50	7	10.0	2	209	418
V8	CA60	1	5.0	72	82	5904
	CA50	2	8.0	2	1186	2372
	CA50	3	8.0	2	1160	2320
V9	CA60	1	5.0	72	82	5904
	CA50	2	8.0	2	1186	2372
	CA50	3	8.0	2	1160	2320
V10	CA60	1	5.0	22	82	1804
	CA50	2	8.0	2	416	832
	CA50	3	8.0	2	390	780
V11	CA60	1	5.0	16	82	1312
	CA50	2	8.0	2	291	582
	CA50	3	8.0	2	301	602
V12	CA60	1	5.0	49	82	4018
	CA50	2	8.0	2	806	1612
	CA50	3	12.5	2	815	1630
V13	CA60	1	5.0	14	82	1148
	CA50	2	8.0	2	291	582
	CA50	3	8.0	2	265	530
V14	CA60	1	5.0	15	82	1230
	CA50	2	8.0	2	291	582
	CA50	3	8.0	2	288	576
V15	CA60	1	5.0	71	82	5822
	CA50	2	8.0	2	1186	2372
	CA50	3	8.0	1	120	120
	CA50	4	8.0	2	1180	2360

Resumo do aço

AÇO	DIAM	C.TOTAL (m)	PESO (kg)
CA50	8.0	313	123.5
	10.0	98.3	59.3
	12.5	16.3	15.7
CA60	5.0	501.9	77.4
PESO TOTAL			
CA50		198.6	
CA60		77.4	

Vol. de concreto total (C=25) = 4.54 m³  
Área de forma total = 75.6 m²



1 CORTES  
ESC: 1/100



PREFEITURA MUNICIPAL DE  
**VÁRZEA GRANDE**  
*amar • cuidar • acreditar*

**PREFEITURA MUNICIPAL DE VÁRZEA GRANDE**  
Av. Castelo Branco, Espaço Municipal, 2500 - Centro Sul, Várzea Grande/MT  
CEP 78125-700 - Fone/Fax: 65 3688 8000

PROJETO: **CMEI NAIR SACRE**  
OBRA: **REFORMA E AMPLIAÇÃO**

LOCALIZAÇÃO: **RUA Y, QUADRA 68 BAIRRO CRISTO REI- VG**  
ASSUNTO: **PROJETO ESTRUTURAL**  
UNIDADE: **METRO**

AUTOR DO PROJETO:  
**AUREO EMANOEL DA SILVA**  
ENGENHEIRO CIVIL  
CREA-MT 042435  
ESCALA: **INDICADA**  
DATA: **JANEIRO/2020**

ÁREA TOTAL TERRENO:  
**4.861,96m²**  
ÁREA CONST. EXISTENTE:  
**787,27m²**  
ÁREA DE AMPLIAÇÃO:  
**118,85m²**  
ÁREA TOTAL:  
**5.768,00m²**

FOLHA N°  
**02/03**