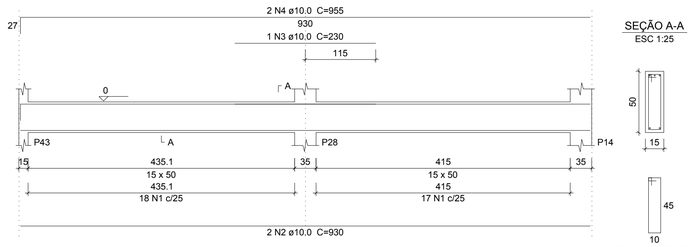
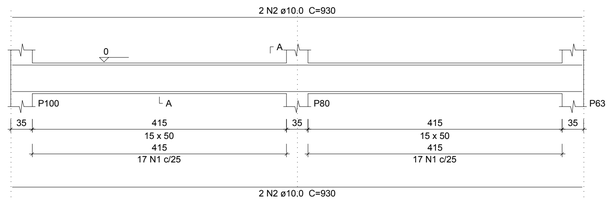
VB54
ESC 1:50

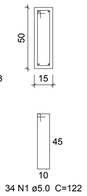


SEÇÃO A-A
ESC 1:25

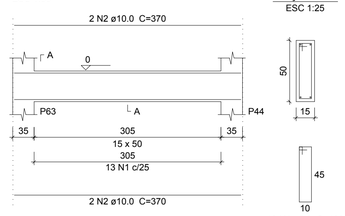
VB55
ESC 1:50



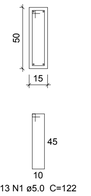
SEÇÃO A-A
ESC 1:25



VB56
ESC 1:50



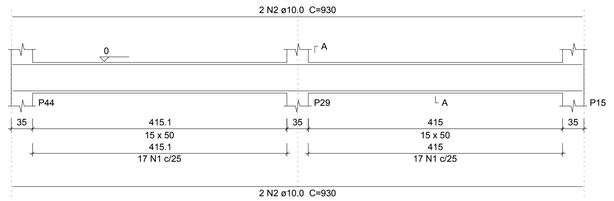
SEÇÃO A-A
ESC 1:25



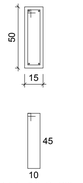
Relação do aço

ELEMENTO	AÇO	N	DIAM	Q	UNIT (cm)	C.TOTAL (cm)
VB54	CA60	1	5.0	35	122	4270
	CA50	2	10.0	2	930	1860
	CA50	3	10.0	1	230	230
	CA50	4	10.0	2	955	1910
VB55	CA60	1	5.0	34	122	4148
	CA50	2	10.0	4	930	3720
VB56	CA60	1	5.0	13	122	1586
	CA50	2	10.0	4	370	1480
VB57	CA60	1	5.0	34	122	4148
	CA50	2	10.0	4	930	3720
VB58	CA60	1	5.0	34	122	4148
	CA50	2	10.0	4	930	3720
VB59	CA60	1	5.0	13	122	1586
	CA50	2	10.0	4	370	1480
VB60	CA60	1	5.0	34	122	4148
	CA50	2	10.0	4	930	3720
VB61	CA60	1	5.0	48	122	5856
	CA50	2	10.0	2	788	1576
	CA50	3	10.0	2	457	914
	CA50	4	10.0	1	210	210
	CA50	5	10.0	2	1155	2310
	CA50	6	10.0	2	198	396
VB62	CA60	1	5.0	34	122	4148
	CA50	2	10.0	2	930	1860
	CA50	3	10.0	1	220	220
	CA50	4	10.0	2	949	1898

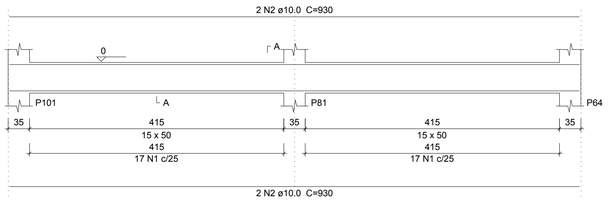
VB57
ESC 1:50



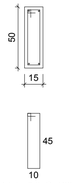
SEÇÃO A-A
ESC 1:25



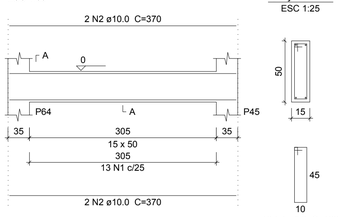
VB58
ESC 1:50



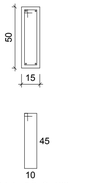
SEÇÃO A-A
ESC 1:25



VB59
ESC 1:50



SEÇÃO A-A
ESC 1:25

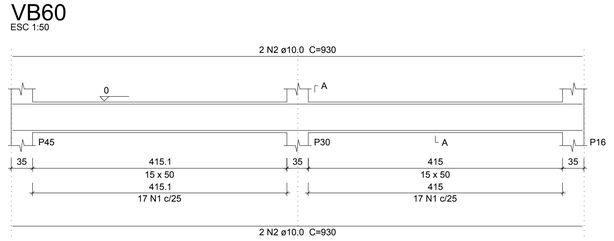


Resumo do aço

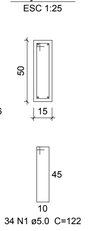
AÇO	DIAM	C.TOTAL (m)	PESO (kg)
CA50	10.0	312.3	192.5
CA60	5.0	340.4	52.5
PESO TOTAL			
CA50	192.5		
CA60	52.5		

Vol. de concreto total (C-25) = 5.71 m³
Área de forma total = 87.57 m²

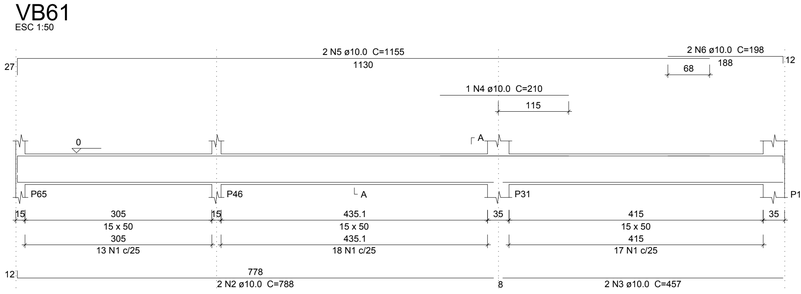
VB60
ESC 1:50



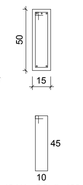
SEÇÃO A-A
ESC 1:25



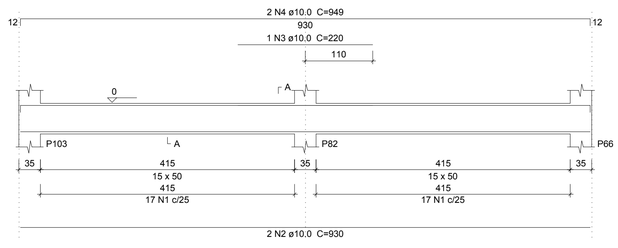
VB61
ESC 1:50



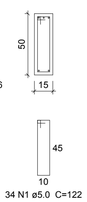
SEÇÃO A-A
ESC 1:25

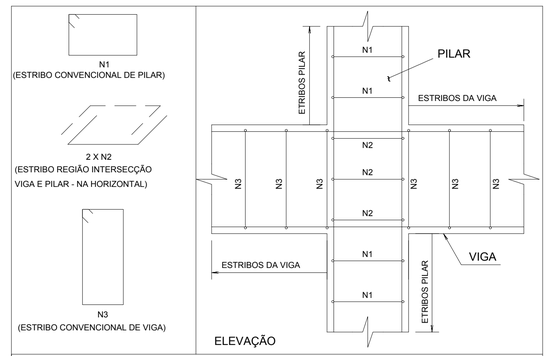


VB62
ESC 1:50



SEÇÃO A-A
ESC 1:25





DETALHE ESTRIBO LIGAÇÃO VIGA E PILAR
S/ESCALA

TIPO DA OBRA:	REESTRUTURAÇÃO DA ESCOLA ESTADUAL JOSÉ ALVES BEZERRA
PROPRIETÁRIO CPF OU CGC:	PREFEITURA MUNICIPAL DE PORTO DOS GAÚCHOS
LOCAL E INSCRIÇÃO CADASTRAL:	Endereço: Av. Guilherme Meyer Municipio de Porto dos Gaúchos - MATO GROSSO
AUTOR DO PROJETO: CREA:	Evelin Luani Montagna MT 039125
RESPONSÁVEL TÉCNICO: CREA:	Evelin Luani Montagna MT 039125
ESCALA: INDICADA / DATA:OUT/2019	ASSUNTO: PROJETO ESTRUTURAL: PLANTA DE ARMAÇÃO DAS VIGAS VB54,VB55,VB56,VB57,VB58,VB59,VB60,VB61,VB62
DESENHO:	FOLHA Nº 33/45

E S T A T Í S T I C A

ÁREAS:	% DE OCUPAÇÃO		COEF. APROVEIT.	Nº DE PISOS
	TÉRREO	DEMAIS PAV.		
VER PROJETO ARQUITETONICO				01