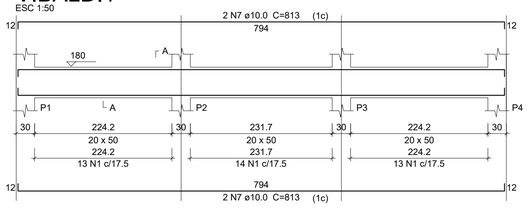
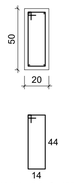
V.BALD.1

ESC 1:50

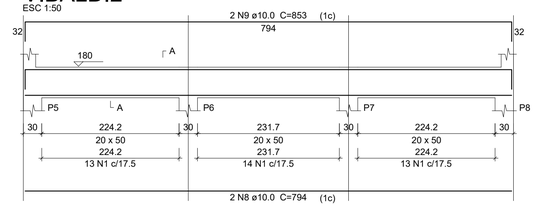


SEÇÃO A-A
ESC 1:25

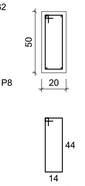


V.BALD.2

ESC 1:50

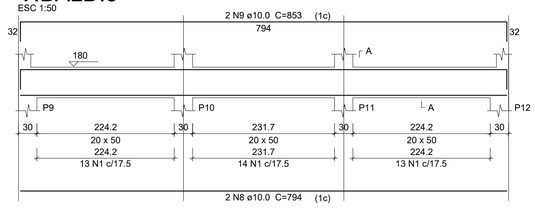


SEÇÃO A-A
ESC 1:25

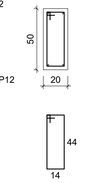


V.BALD.3

ESC 1:50

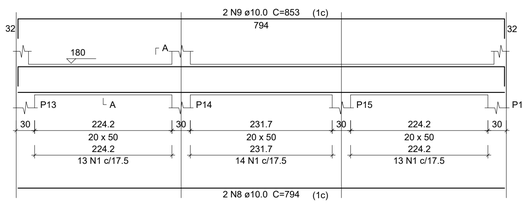


SEÇÃO A-A
ESC 1:25

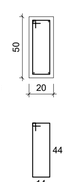


V.BALD.4

ESC 1:50

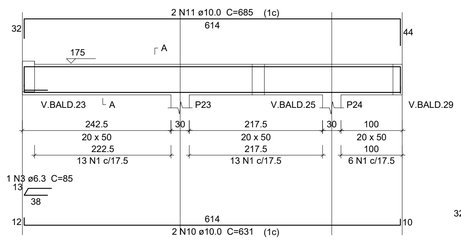


SEÇÃO A-A
ESC 1:25

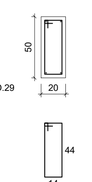


V.BALD.5

ESC 1:50

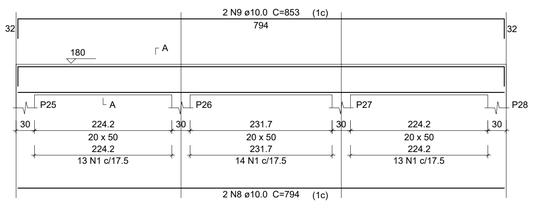


SEÇÃO A-A
ESC 1:25

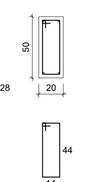


V.BALD.6

ESC 1:50

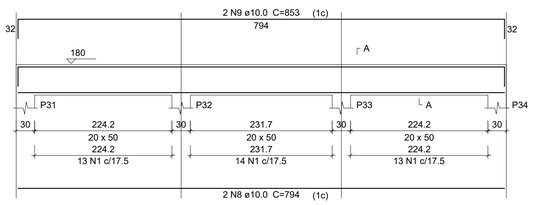


SEÇÃO A-A
ESC 1:25

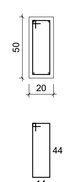


V.BALD.8

ESC 1:50

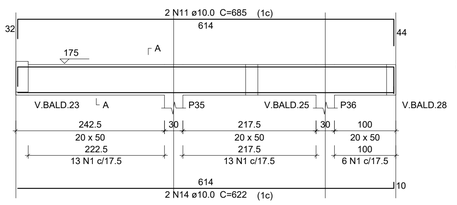


SEÇÃO A-A
ESC 1:25

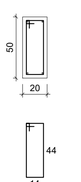


V.BALD.9

ESC 1:50

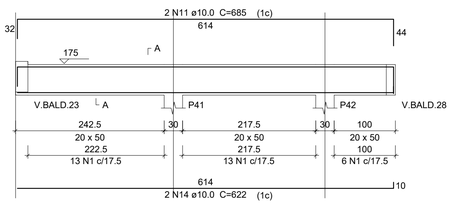


SEÇÃO A-A
ESC 1:25

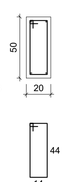


V.BALD.10

ESC 1:50

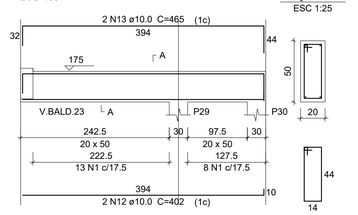


SEÇÃO A-A
ESC 1:25



V.BALD.7

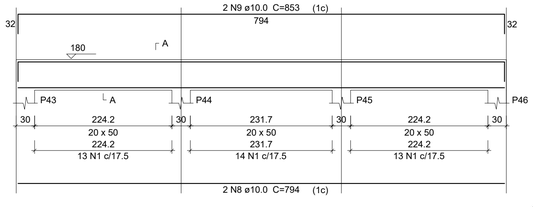
ESC 1:50



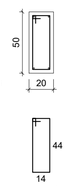
SEÇÃO A-A
ESC 1:25

V.BALD.11

ESC 1:50

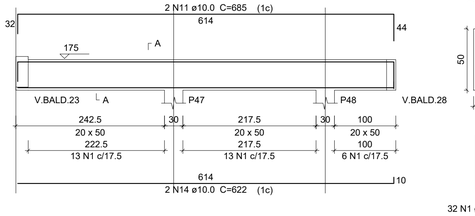


SEÇÃO A-A
ESC 1:25

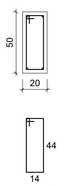


V.BALD.12

ESC 1:50

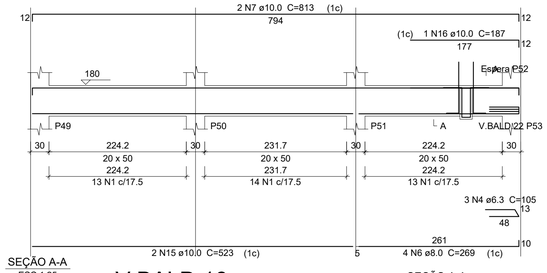


SEÇÃO A-A
ESC 1:25

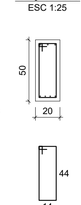


V.BALD.13

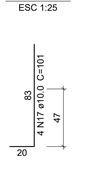
ESC 1:50



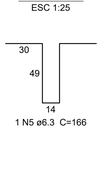
SEÇÃO A-A
ESC 1:25

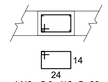


ESPERA P52
ESC 1:25



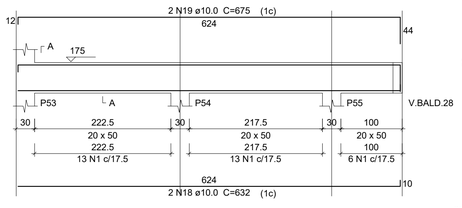
SUSPENSÃO V.BALD.22
ESC 1:25



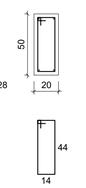


V.BALD.14

ESC 1:50

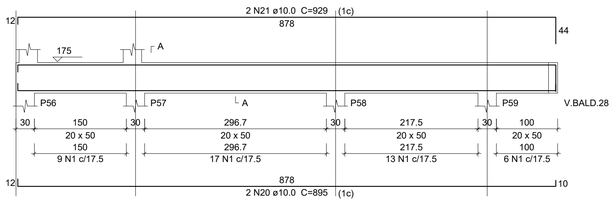


SEÇÃO A-A
ESC 1:25

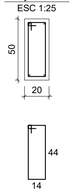


V.BALD.15

ESC 1:50

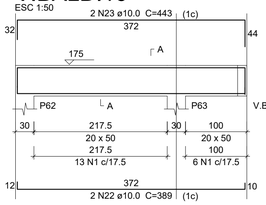


SEÇÃO A-A
ESC 1:25

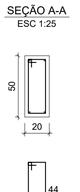


V.BALD.16

ESC 1:50

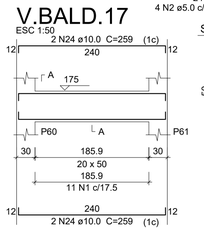


SEÇÃO A-A
ESC 1:25

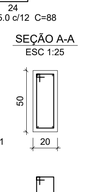


V.BALD.17

ESC 1:50

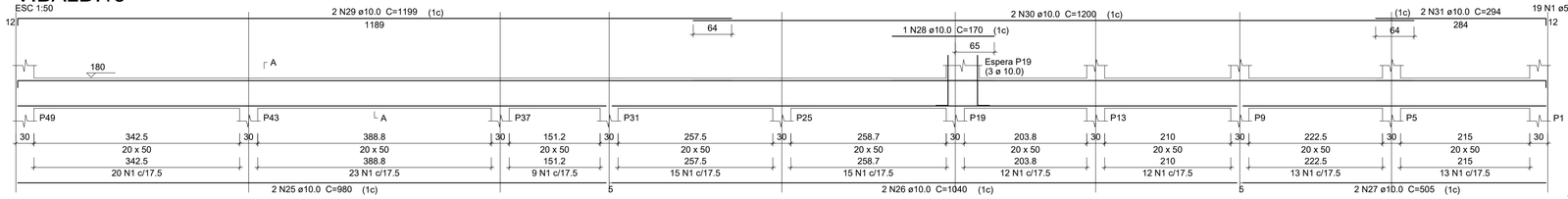


SEÇÃO A-A
ESC 1:25

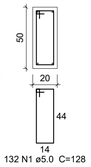


V.BALD.18

ESC 1:50



SEÇÃO A-A
ESC 1:25



Relação do aço

V.BALD.1	V.BALD.2	V.BALD.3
V.BALD.4	V.BALD.5	V.BALD.6
V.BALD.7	V.BALD.8	V.BALD.9
V.BALD.10	V.BALD.11	V.BALD.12
V.BALD.13	V.BALD.14	V.BALD.15
V.BALD.16	V.BALD.17	V.BALD.18

AÇO	N	DIAM	Q	UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	708	128	90624
	2	5.0	4	88	352
CA50	3	6.3	1	85	85
	4	6.3	3	105	315
	5	6.3	1	166	166
	6	8.0	4	269	1076
	7	10.0	6	813	4878
	8	10.0	12	794	9528
	9	10.0	12	853	10236
	10	10.0	2	631	1262
	11	10.0	8	685	5480
	12	10.0	2	402	804
	13	10.0	2	465	930
	14	10.0	6	622	3732
	15	10.0	2	523	1046
	16	10.0	1	187	187
	17	10.0	4	101	404
	18	10.0	2	632	1264
	19	10.0	2	675	1350
	20	10.0	2	895	1790
	21	10.0	2	929	1858
	22	10.0	2	389	778
	23	10.0	2	443	886
	24	10.0	4	259	1036
	25	10.0	2	980	1960
	26	10.0	2	1040	2080
	27	10.0	2	505	1010
	28	10.0	1	170	170
	29	10.0	2	1199	2398
	30	10.0	2	1200	2400
	31	10.0	2	294	588

Resumo do aço

AÇO	DIAM	C.TOTAL (m)	PESO + 10 % (kg)
CA50	6.3	5.7	1.5
	8.0	10.8	4.7
	10.0	580.6	393.7
CA60	5.0	909.8	154.2
PESO TOTAL			
CA50	399.9		
CA60	154.2		

Vol. de concreto total (C-30) = 13.97 m³
Área de forma total = 167.61 m²

Nº	DESCRIÇÃO	DATA	EMITENTE	VERIFICAÇÃO	APROVAÇÃO	CÓDIGO	OBJETO
REVISÕES						DOCUMENTOS DE REFERÊNCIA	

AUTORIA
EXCELÊNCIA
SOLUÇÕES EM ENGENHARIA
Tel. (47) 3018-1774 / (47) 9 9965-1688

PROJETISTA	Eng. Vanderlei Cardoso	DATA 01/09/2021
DESENHISTA	Eng. Vanderlei Cardoso Engenheirovc@gmail.com	
VERIFICAÇÃO	Eng. Vanderlei Cardoso Engenheirovc@gmail.com	
RESP.TÉCNICO	Eng. Vanderlei Cardoso Engenheirovc@gmail.com	CREA: SC 108762-6

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VERIFICAÇÃO

APROVAÇÃO

CLIENTE PREFEITURA DE RANCHO QUEIMADO
INOVA BRASIL CONSULTORIA DE PROJETOS

RESPONSÁVEL TÉCNICO
Eng. Vanderlei Cardoso
CREA: SC 108762-6

OBRA MIRANTE RANCHO QUEIMADO

ESTRADA BR-282 RANCHO QUEIMADO/SC

TRECHO BR-282

ASSUNTO PROJETO ARMAÇÃO ESTRUTURA ENTRADA

NOME DO ARQUIVO PMRQ003.IBR.EST.PE.0009.ARM.R00

FOLHA 09