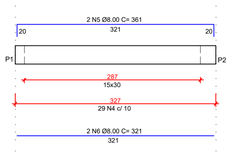
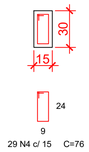
VB01
ESC 1:50

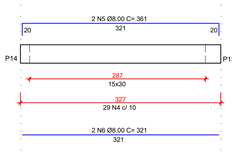


SEÇÃO AA
ESC 1:25

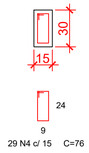


29 N4 c/ 15 C=76

VB09
ESC 1:50

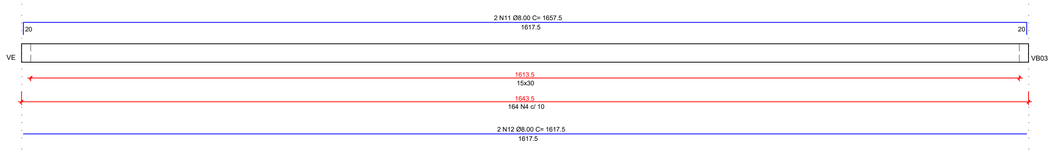


SEÇÃO AA
ESC 1:25

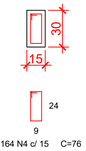


29 N4 c/ 15 C=76

VB17
ESC 1:50

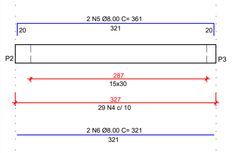


SEÇÃO AA
ESC 1:25

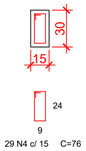


164 N4 c/ 15 C=76

VB02
ESC 1:50

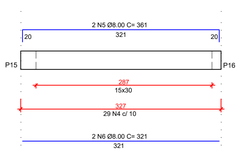


SEÇÃO AA
ESC 1:25

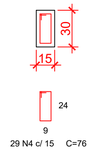


29 N4 c/ 15 C=76

VB10
ESC 1:50

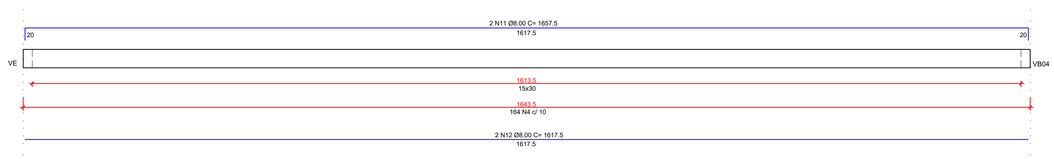


SEÇÃO AA
ESC 1:25

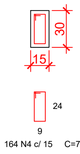


29 N4 c/ 15 C=76

VB18
ESC 1:50

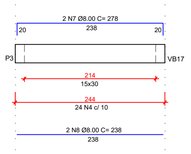


SEÇÃO AA
ESC 1:25

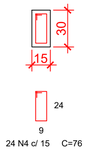


164 N4 c/ 15 C=76

VB03
ESC 1:50

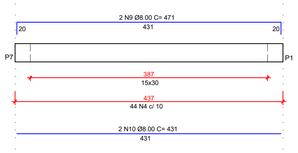


SEÇÃO AA
ESC 1:25

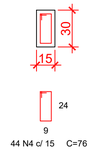


24 N4 c/ 15 C=76

VB11
ESC 1:50

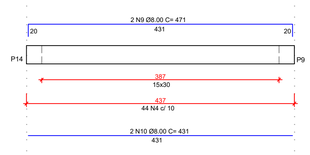


SEÇÃO AA
ESC 1:25

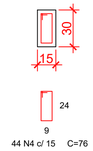


44 N4 c/ 15 C=76

VB19
ESC 1:50

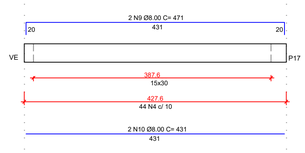


SEÇÃO AA
ESC 1:25

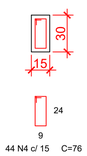


44 N4 c/ 15 C=76

VB25
ESC 1:50

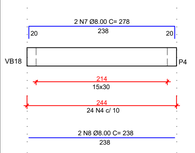


SEÇÃO AA
ESC 1:25

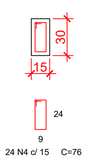


44 N4 c/ 15 C=76

VB04
ESC 1:50

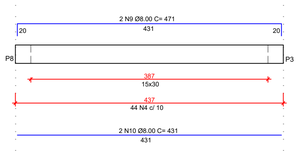


SEÇÃO AA
ESC 1:25

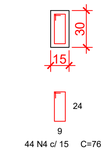


24 N4 c/ 15 C=76

VB12
ESC 1:50

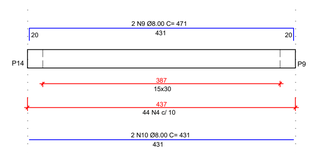


SEÇÃO AA
ESC 1:25

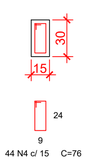


44 N4 c/ 15 C=76

VB20
ESC 1:50

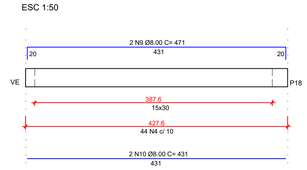


SEÇÃO AA
ESC 1:25

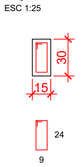


44 N4 c/ 15 C=76

VB26
ESC 1:50

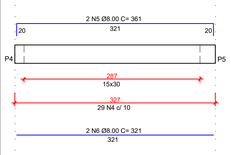


SEÇÃO AA
ESC 1:25

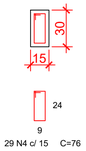


44 N4 c/ 15 C=76

VB05
ESC 1:50

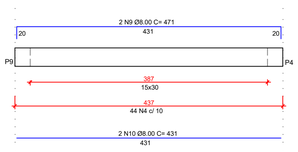


SEÇÃO AA
ESC 1:25

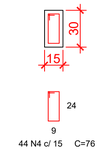


29 N4 c/ 15 C=76

VB13
ESC 1:50

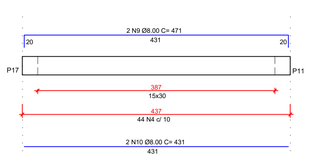


SEÇÃO AA
ESC 1:25

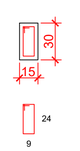


44 N4 c/ 15 C=76

VB21
ESC 1:50

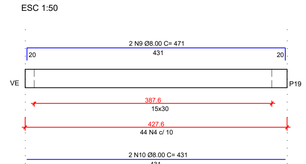


SEÇÃO AA
ESC 1:25

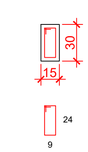


44 N4 c/ 15 C=76

VB27
ESC 1:50

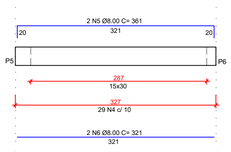


SEÇÃO AA
ESC 1:25

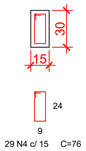


44 N4 c/ 15 C=76

VB06
ESC 1:50

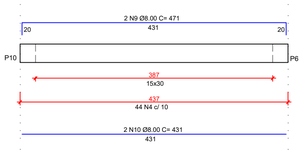


SEÇÃO AA
ESC 1:25

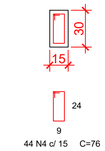


29 N4 c/ 15 C=76

VB14
ESC 1:50

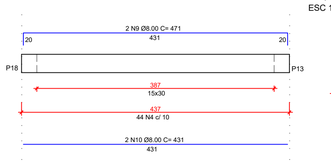


SEÇÃO AA
ESC 1:25

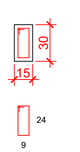


44 N4 c/ 15 C=76

VB22
ESC 1:50

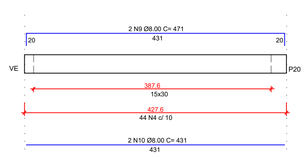


SEÇÃO AA
ESC 1:25

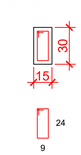


44 N4 c/ 15 C=76

VB28
ESC 1:50

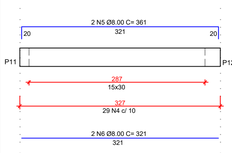


SEÇÃO AA
ESC 1:25

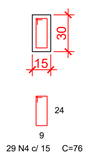


44 N4 c/ 15 C=76

VB07
ESC 1:50

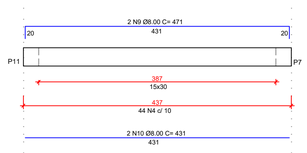


SEÇÃO AA
ESC 1:25

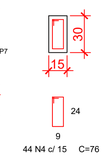


29 N4 c/ 15 C=76

VB15
ESC 1:50

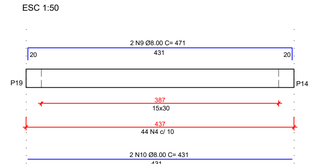


SEÇÃO AA
ESC 1:25

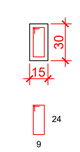


44 N4 c/ 15 C=76

VB23
ESC 1:50



SEÇÃO AA
ESC 1:25



44 N4 c/ 15 C=76

TABELA DE AÇO (VIGAS BALDRAMES)

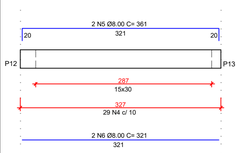
N	DIÂM. Ø (MM)	QNTD	COMP. UNITÁRIO (M)	COMP. TOTAL (M)
N4	5,00	1312	0,76	997,12
N5	8,00	16	3,61	57,76
N6		16	3,21	51,36
N7		4	2,78	11,12
N8		4	2,38	9,52
N9		32	4,71	150,72
N10		32	4,31	137,92
N11		4	16,575	66,3
N12		4	16,175	64,7

RESUMO DO AÇO

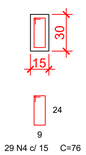
AÇO	DIÂM. Ø (MM)	PESO/M (KG)	COMPRIMENTO TOTAL + 10%
CA50	5,00	0,154	1096,83
CA50	8,00	0,395	604,34
PESO TOTAL (KG)			
CA50	168,91		
CA50	238,71		

ÁREA DE FORMA: 75,93M²
VOLUME DE CONCRETO: 5,70M³

VB08
ESC 1:50

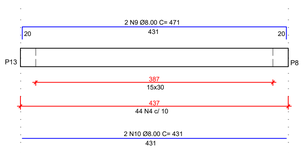


SEÇÃO AA
ESC 1:25

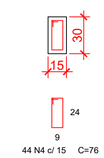


29 N4 c/ 15 C=76

VB16
ESC 1:50

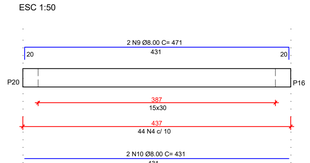


SEÇÃO AA
ESC 1:25

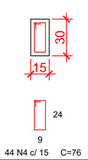


44 N4 c/ 15 C=76

VB24
ESC 1:50



SEÇÃO AA
ESC 1:25



44 N4 c/ 15 C=76

AMURES — ASSOCIAÇÃO DE MUNICÍPIOS DA REGIÃO SERRANA

PREFEITURA MUNICIPAL DE URUPEMA (SC)

11/13

ASSESSORIA TÉCNICA

PROJETO: JAMES ANDRE CLAUBERG:60441690904 — Assinado de forma digital por JAMES ANDRE CLAUBERG:60441690904 Dados: 2026.03.26 14:25:56 -03'00'

James Andre Clauberg
Eng. Civil - CREA 45.160-6

PREFEITA:
Cristiane Muniz Pagani Almeida

OBRA :

Projeto Estrutural da Ampliação Escola do Cedro

Detalhe de Vigas Baldrames

DESENHO : Mariane de Moraes Mota

Escala: Como indicado

DATA : DEZ/2024

FOLHA A1 (594x841)