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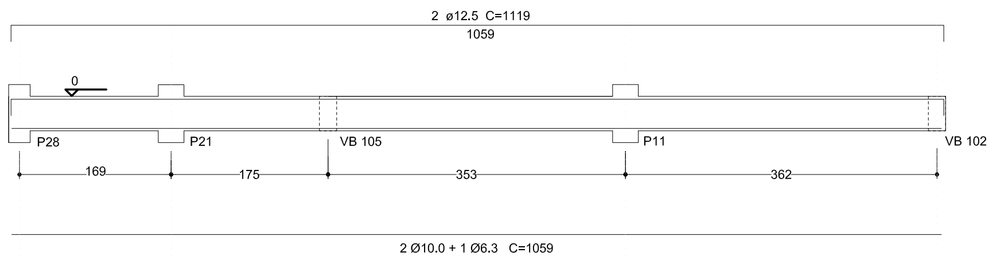
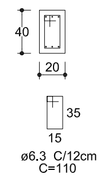


SEÇÃO A-A
ESC 1:25



VB118
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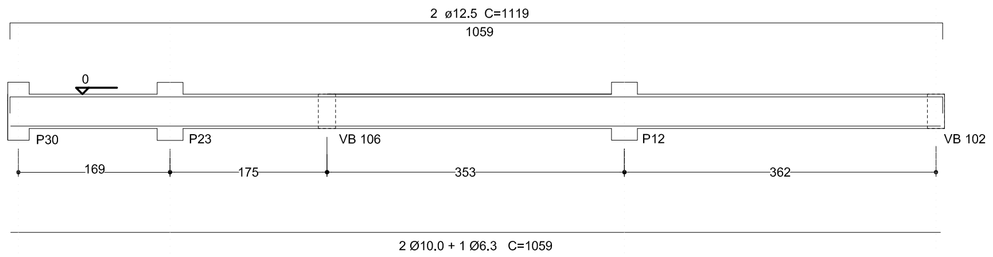

SEÇÃO A-A
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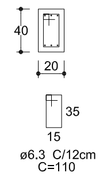

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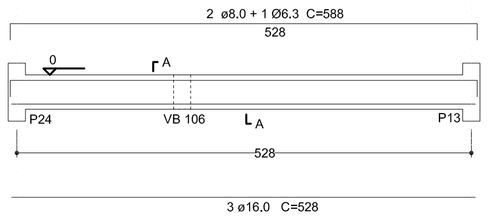
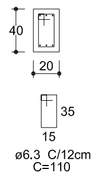


SEÇÃO A-A
ESC 1:25



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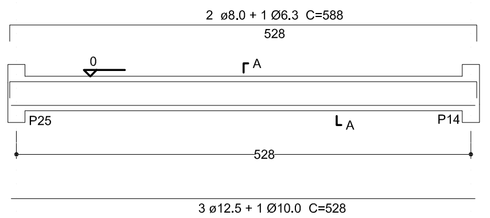
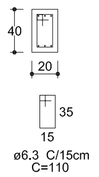


SEÇÃO A-A
ESC 1:25



VB121
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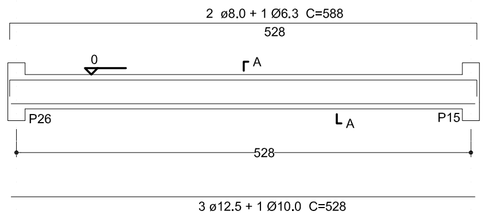
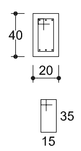


SEÇÃO A-A
ESC 1:25



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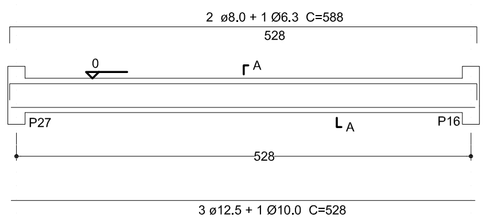
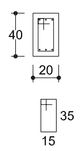


SEÇÃO A-A
ESC 1:25



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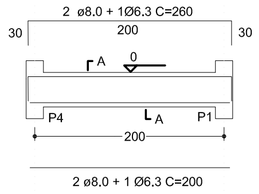
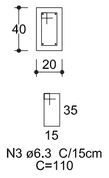


SEÇÃO A-A
ESC 1:25



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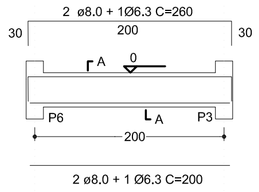
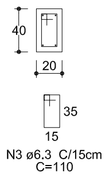


SEÇÃO A-A
ESC 1:25



POLEGADA	(mm)	(cm2)	KG/m	
3/16"	5.0	0,1781	0,14	0.43
1/4"	6.3	0,3167	0,25	0.57
5/16"	8.0	0,4948	0,39	0.71
3/8"	10.0	0,7126	0,56	0.86
1/2"	12.5	1,2668	0,99	1.14
5/8"	16.0	1,9793	1,55	1.43
3/4"	20.0	2,8502	2,24	1.71

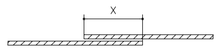
ACO CA-50B

FCK = 250 Kg/CM2 ou 25 MPA

CONCRETO:

1 (CIMENTO) : 2 (AREIA) : 3 (BRITA) : 0.7 (AGUA)

DESFORMA 28 DIAS APOS CONCRETAGEM



POLEGADA	TRANSPASSE (X)
3/16"	40 cm
1/4"	50 cm
5/16"	60 cm
3/8"	80 cm
1/2"	100 cm
5/8"	160 cm
3/4"	200 cm

Resumo do aço-VIGAS BALDRAME

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10 % (kg)
CA50	6.3	1467.55	359.55
CA50	8.0	241.66	95.45
CA50	10.0	380.88	235.00
CA50	12.5	327.24	315.13
CA50	16.0	31.68	49.99

PESO TOTAL (kg)	
CA50	1055.12

Volume de concreto (C-30) = 14,03m³

Forma = 115,37m²

alterações de projeto		
01	Alteração da Fundação.	data: 03/11/21
02		data
03		data
04		data
05		data

áreas		
existente	construção	total
2,000	243,80	2,243,80

autor do projeto: Eng. Edgar Francisco dos Santos / Eng.(a) Úrsula Chen Elias Cunha — assinatura

verificação — assinatura

conjunto: Eng. Civil

escala: indicadas

data: janeiro de 2020

proprietário: Prefeitura Municipal de Bueno Brandão

projeto: Quadra Poliesportiva - Ampliação dos banheiros

endereço: Ver. Luiz Coutinho da Rocha s/n

assunto: Estrutural

Prefeitura Municipal de Bueno Brandão.

Silvio Antonio Felix
Prefeito Municipal

Edgar Francisco dos Santos
Eng. Civil - Crea-MG 206.582/D