Relação do aço

Cob inf:	P1	P2
	P3	P4
	P5	P13
	P14	P15
	P16	P17
baldrame:	P6	P12
cob sup:	P7	P8
	P9	P10
	P11	

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	288	76	21888
	2	5.0	175	96	16800
CA50	3	10.0	40	275	11000
	4	10.0	70	VAR	VAR
	5	10.0	8	VAR	VAR
	6	10.0	30	352	10560

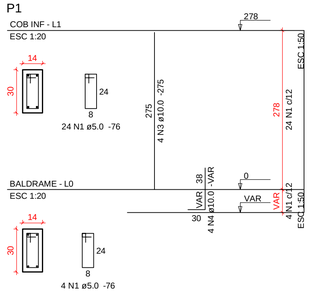
Resumo do aço

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10 % (kg)
CA50	10.0	291.1	197.4
CA60	5.0	386.9	65.6

PESO TOTAL (kg)	
CA50	197.4
CA60	65.6

Volume de concreto (C-25) = 2.48 m³
Área de forma = 50.02 m²

P1



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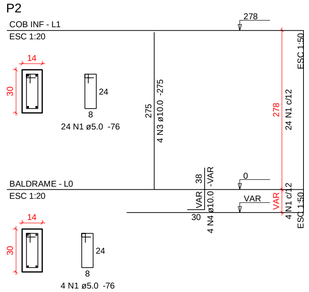

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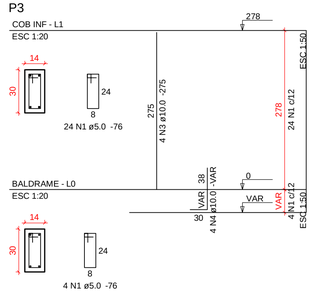

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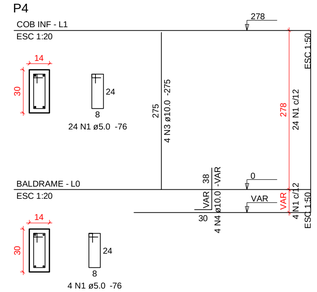

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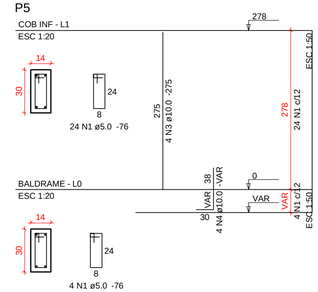

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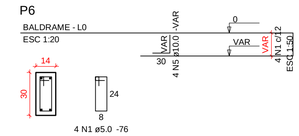

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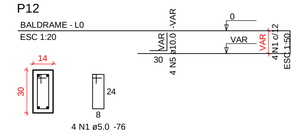

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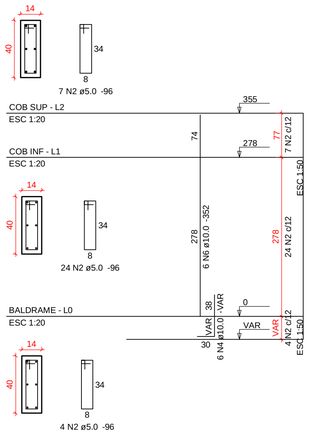

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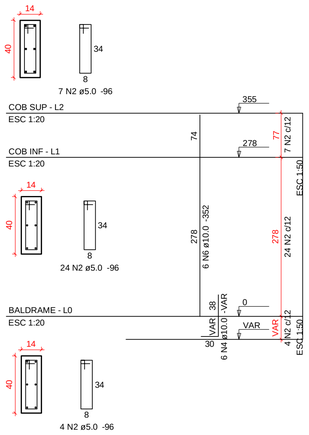

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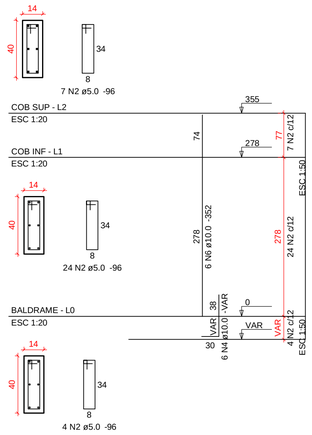

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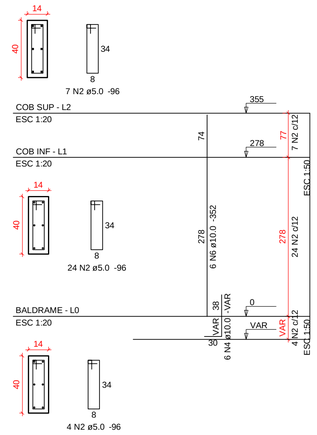

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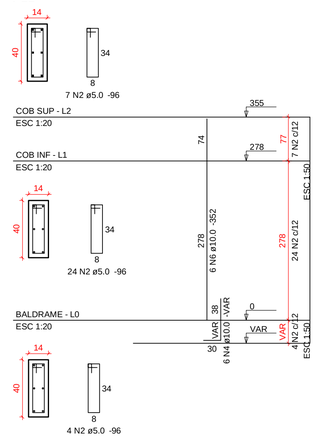

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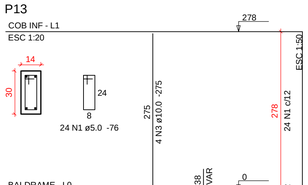

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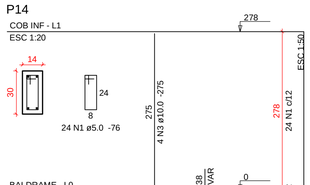

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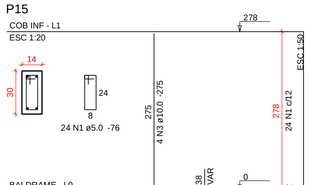

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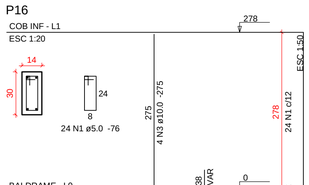

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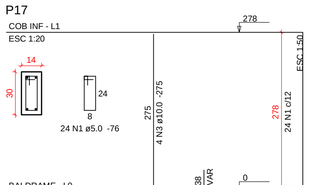

Pilares - FCK=25 MPa

PREFEITURA MUNICIPAL DE GOIÂNIA

SEINFRA - SECRETARIA MUNICIPAL DE INFRAESTRUTURA E SERVIÇOS PÚBLICOS

DIRETORIA DE POLÍTICAS E PROGRAMAÇÃO DE OBRAS PÚBLICAS - GERÊNCIA DE ESTUDOS E PROJETOS

OBRA:

CMEI VILA SANTA HELENA
- MODIFICAÇÃO COM ACRÉSCIMO DE ÁREA E REFORMA -

LOCAL: RUA 15 C/ RUA DA DIVISA C/ RUA J - VILA SANTA HELENA - GOIÂNIA - GO

GESTOR(A) RESPONSÁVEL:
SECRETARIA MUNICIPAL DE EDUCAÇÃO - SME

AUTOR DO PROJETO:
Eng.º Civil RENATO RIBEIRO DE PAIVA - CREA/GO 7303/D
SECRETARIA MUNICIPAL DE OBRAS E SERVIÇOS PÚBLICOS
- SEINFRA -

-ESTRUTURAL-

CONTEÚDO: Bloco de Serviço e Educação Infantil
- Detalhes de Pilares

PRANCHA: 2/5

ESCALA: Indicadas

QUADRO DE ÁREAS

ÁREA A SER CONTRUÍDA: 176,20m²

ARQUIVO DIGITAL:	NUM. PAV.:	DESENHO:	DATA:
CMEI - Vila Santa Helena - Estrutural - 2018	01	RENATO	Junho/ 2018

APROVAÇÃO:

DIREITOS AUTORAIS RESERVADOS. VEDADA A REPRODUÇÃO TOTAL OU PARCIAL, LEI 9610 /98.

FORMATO: 900 x 594