PRODUCED BY AN AUTODESK EDUCATIONAL PRODUCT

SAE1=SAE2=SAE3=SAE4=SAE5=SAE6=SAE7=SAE8
=SAE9=SAE10=SAE11=SAE12=SAE13=SAE14=SAE15
=SAE16=SAE17=SAE18=SAE19=SAE20=SAE21
=SAE22=SAE23=SAE24=SAE25=SAE26=SAE27
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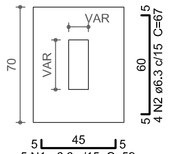
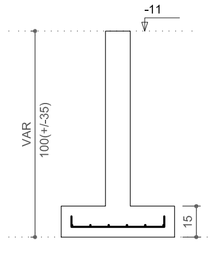
=SAE72=SAE73=SAE74=SAE75=SAE76=SAE77
=SAE78=SAE79=SAE80=SAE81=SAE82=SAE83
=SAE84=SAE85=SAE86=SAE88=SAE89=SAE90
=SAE91=SAE92=SAE93=SAE94=SAE95=SAE96
=SAE97=SAE98=SAE99=SAE100=SAE101=SAE102
=SAE103=SAE104

PLANTA
ESC 1:25



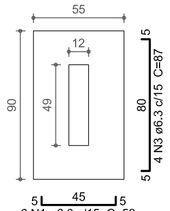
CORTE
ESC 1:20



Solo com capacidade de suporte > 2,00 kgf/cm²
Solo compactado sobre a sapata
peso específico > 1500,00 kgf/m³

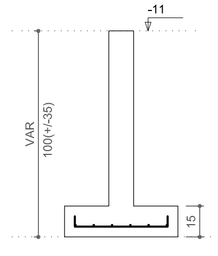
SAE45=SAE48

PLANTA
ESC 1:25



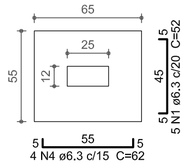
Solo com capacidade de suporte > 2,00 kgf/cm²
Solo compactado sobre a sapata
peso específico > 1500,00 kgf/m³

CORTE
ESC 1:20



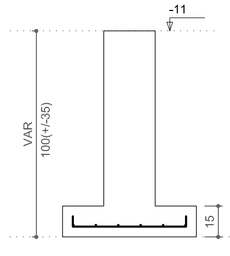
SAE87

PLANTA
ESC 1:25



Solo com capacidade de suporte > 2,00 kgf/cm²
Solo compactado sobre a sapata
peso específico > 1500,00 kgf/m³

CORTE
ESC 1:20



Relação do aço

101xSAE37 2xSAE45 SAE87

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA50	1	6.3	522	52	27144
	2	6.3	404	67	27068
	3	6.3	8	87	696
	4	6,3	4	62	248

Resumo do aço

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10 % (kg)
CA50	6.3	551.6	148.5

PESO TOTAL (kg)	
CA50	148,5

Volume de concreto (C-20) = 6.03 m³
Área de forma = 39,11 m²

PAE3=PAE4=PAE5=PAE6=PAE7=
=PAE8=PAE11=PAE12=PAE13=PAE14=
=PAE15=PAE16=PAE17=PAE18=
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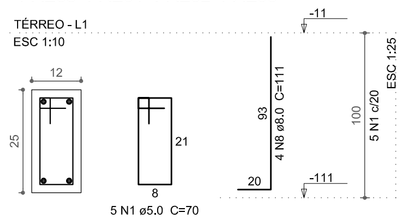

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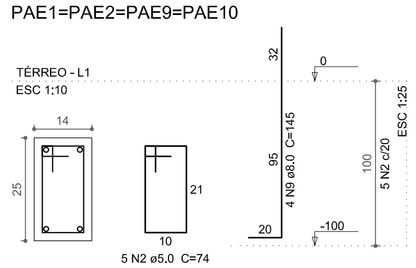

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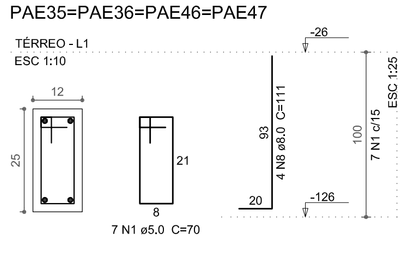

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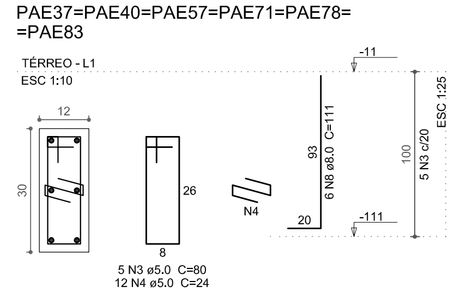
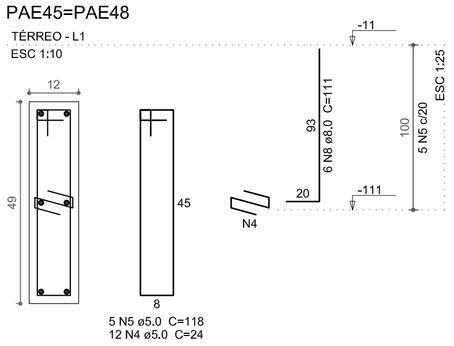
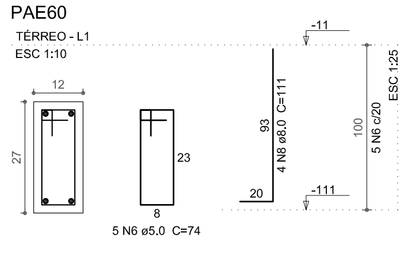
=PAE83



PAE45=PAE48



PAE60



Relação do aço

75xCF1 4xPAE1 4xPAE35
6xPAE37 2xPAE45 PAE60
2xPAE89 11xPAE94

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5,0	458	70	32060
	2	5.0	20	74	1480
	3	5.0	40	80	3200
	4	5,0	96	24	2304
	5	5,0	10	118	1180
	6	5,0	5	74	370
	7	5,0	18	23	414
CA50	8	8,0	412	111	45732
	9	8,0	16	145	2320
	10	10,0	12	111	1332

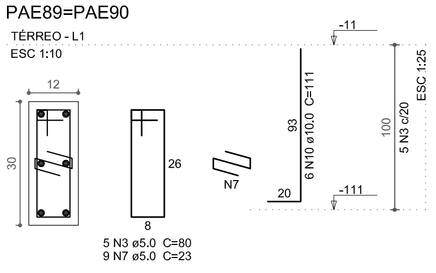
Resumo do aço

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10 % (kg)
CA50	8,0	480,6	208,6
	10,0	13,4	9
CA60	5,0	410,1	69,5

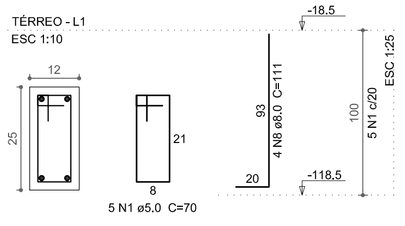
PESO TOTAL (kg)	
CA50	217,6
CA60	69,5

Volume de concreto (C-20) = 3.28 m³
Área de forma = 79,66 m²

PAE89=PAE90



PAE94=PAE95=PAE96=PAE97=PAE98=
=PAE99=PAE100=PAE101=PAE102=
=PAE103=PAE104



Fck = 20 MPa

OBSERVAÇÕES:

Qualquer alteração deverá ser autorizada pelos responsáveis dos projetos;

Dimensões em metros (m), diferenças entre as cotas e medidas na escala, prevalecem as cotas;

É necessário consultar os projetos complementares;

Direitos autorais reservados, conforme Lei Federal 9.610/98, ART 70º, itens X e XI ART 1º, Lei Federal 5988/73 e 5.194/66

OBRA:

REFORMA E ADEQUAÇÃO DA SEDE DA PREFEITURA DE IOMERÊ/SC
RUA JOÃO RECH, CENTRO - IOMERÊ - SC

RESPONSÁVEL PELO PROJETO:

Engº Civil Dielson Ramos Glasenapp
CREA/SC nº 58.024-5

CONTEÚDO DA PRANCHA:
ARMAÇÃO DAS SAPATAS
E PILARES DE ARRANQUE
ACESSOS EXTERNOS

REFERÊNCIA:
PROJETO ESTRUTURAL (executivo)

ÁREA TOTAL: 2.491,01 m²

ESCALAS: INDICADAS

Nº PRANCHA: única

PROPRIETÁRIO: MUNICÍPIO DE IOMERÊ

DATA: 06/19

DESENHO: Dielson

PRODUCED BY AN AUTODESK EDUCATIONAL PRODUCT