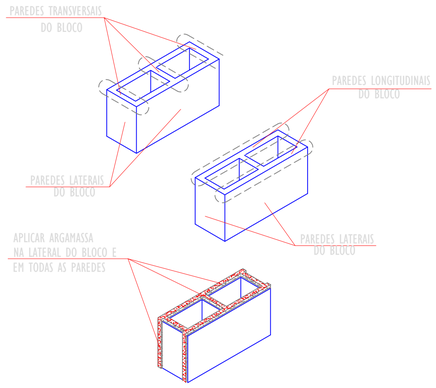
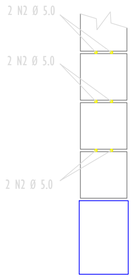
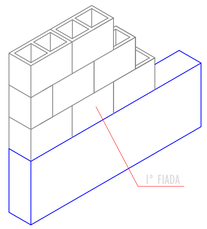


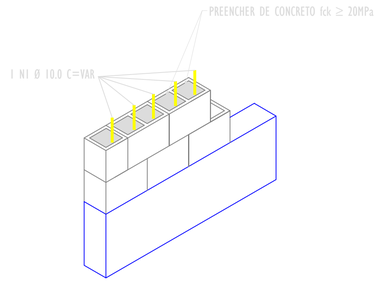
DETALHE DE APLICAÇÃO DE ARGAMASSA DE ASSENTAMENTO
(SEM ESCALA)



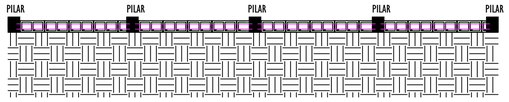
DETALHE TÍPICO DA ARMADURA HORIZONTAL
(SEM ESCALA)



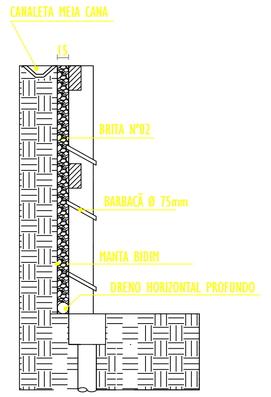
DETALHE ESQUEMÁTICO DE AMARRAÇÃO DAS FIADAS
(SEM ESCALA)



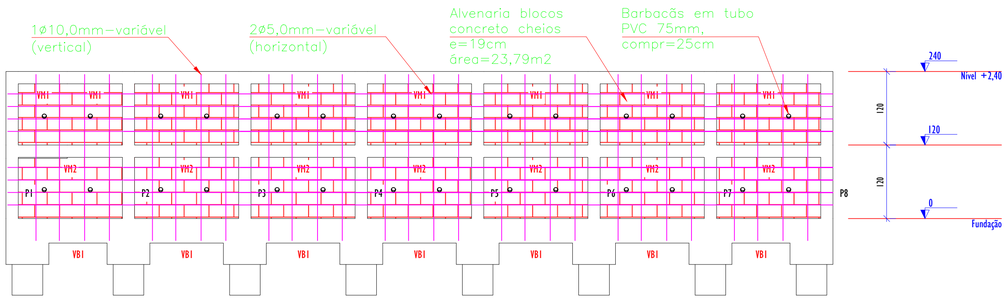
DETALHE TÍPICO DO ALVÉOLO ARMADO
SEM ESCALA



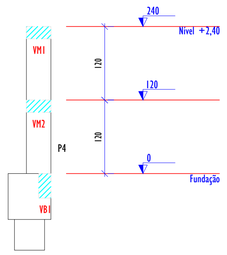
MODELO GENÉRICO DE ARMAÇÃO DOS BLOCOS
SEM ESCALA



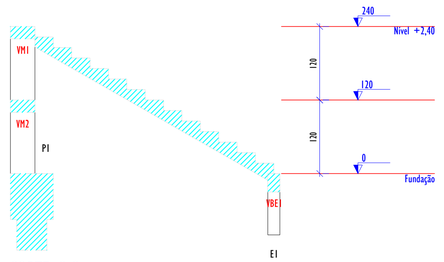
DETALHE-TIPO (DRENAGEM)
SEM ESCALA



CORTE A-A
ESCALA 1:50

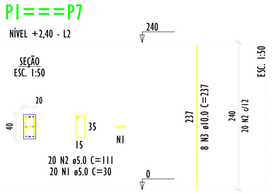


CORTE B-B
ESCALA 1:50



CORTE C-C
ESCALA 1:50

P1===P7



RESUMO DO AÇO

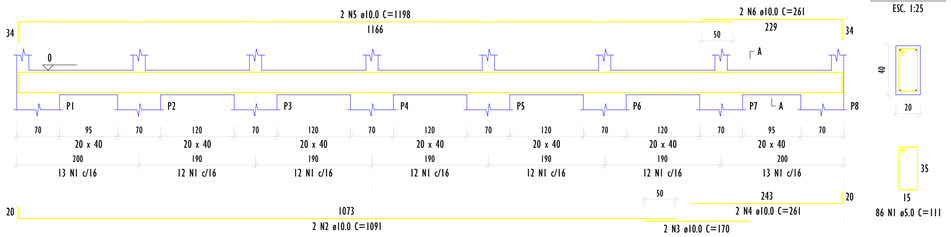
AÇO	DIAM (mm)	C.TOTAL (m)	QUANT + 0% (Barras)	UNIT	PESO + 0% (kg)
CA50	10.0	132.7	12	12 m	81.8
CA60	5.0	197.4	17	12 m	30.4

PESO TOTAL (kg)

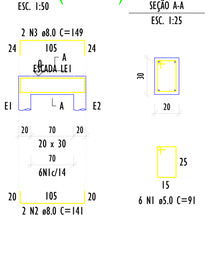
CA50	81.8
CA60	30.4

Volume de concreto (C-30) = 1,34 m³
Área de forma = 20.16 m²

VB1 (20 x 40)
ESC. 1:50



VBE1 (20 x 30)
ESC. 1:50



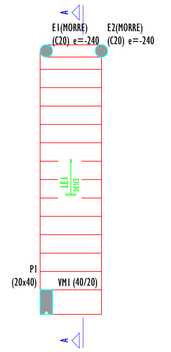
RESUMO DO AÇO

AÇO	DIAM (mm)	C.TOTAL (m)	QUANT + 0% (Barras)	UNIT	PESO + 0% (kg)
CA50	8.0	5.8	1	12 m	2.3
CA50	10.0	59.6	5	12 m	36.8
CA60	5.0	100.9	9	12 m	15.6

PESO TOTAL (kg)

CA50	39
CA60	15.6

Volume de concreto (C-30) = 0.69 m³
Área de forma = 8.49 m²



ARMAÇÃO POSITIVA DA ESCADA E1
ESC. 1:50

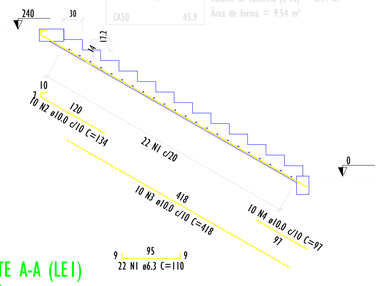
RESUMO DO AÇO

AÇO	DIAM (mm)	C.TOTAL (m)	QUANT + 0% (Barras)	UNIT	PESO + 0% (kg)
CA50	6.3	24.2	3	12 m	5.9
CA50	10.0	64.9	6	12 m	40

PESO TOTAL (kg)

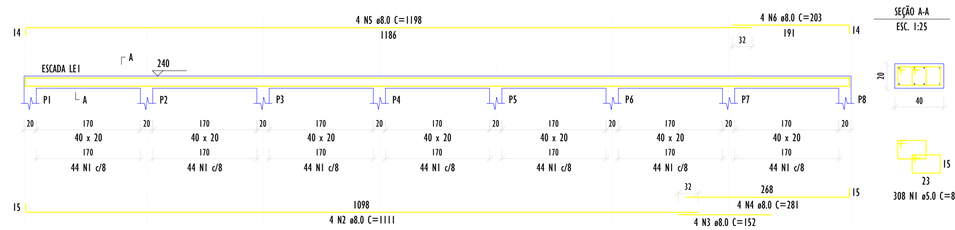
CA50	45.9

Volume de concreto (C-30) = 0.97 m³
Área de forma = 9.54 m²



CORTE A-A (LE1)
ESC. 1:50

VM1 (40 x 20)
ESC. 1:50



RESUMO DO AÇO

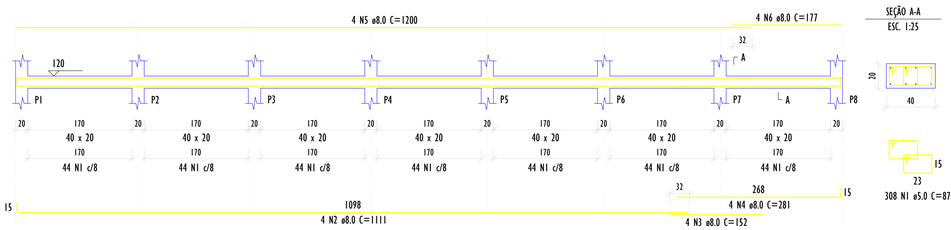
AÇO	DIAM (mm)	C.TOTAL (m)	QUANT + 0% (Barras)	UNIT	PESO + 0% (kg)
CA50	8.0	234.6	20	12 m	92.6
CA60	5.0	535.9	45	12 m	82.6

PESO TOTAL (kg)

CA50	92.6
CA60	82.6

Volume de concreto (C-30) = 1.90 m³
Área de forma = 18.93 m²

VM2 (40 x 20)
ESC. 1:50



MUROS DE ARRIMO 1=2
DETALHES DIVERSOS

ProSen
Projetos & Serviços de Engenharia Ltda.

PREFEITURA MUNICIPAL DE SANTA CRUZ DO ESCALVADO "CONSTRUINDO O PROGRESSO"

Prefeitura Municipal
Santa Cruz do Escalvado
ESTADO DE MINAS GERAIS
Administração 2025-2028

OBRA:
Execução de muros de arrimo e outros serviços no Distrito de São José

NO. OPERAÇÃO: --------

DATA: Abril / 2026

RESPONSÁVEL TÉCNICO PELO PROJETO: Eng. Civil WILSON DIAS DA FONSECA JR. — CREA: 61.924 / D

PREFEITO MUNICIPAL: GILMAR DE PAULA LIMA — CPF: 697.293.526-15

CONTÉM: Detalhes Diversos — ESCALA: Indicadas

LOCALIZAÇÃO: Zona rural de Santa Cruz Escalvado (MG) — FOLHA: 03/05

PROGRAMA: RECURSOS PRÓPRIOS

Formato A1