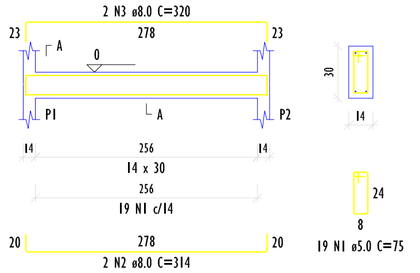
VB1 (14 x 30)

ESC. 1:50

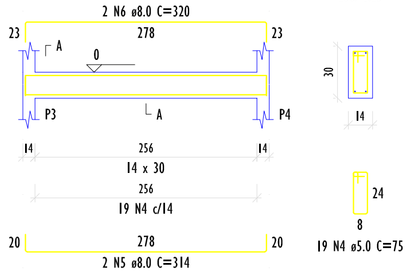


SEÇÃO A-A

ESC. 1:25

VB2 (14 x 30)

ESC. 1:50

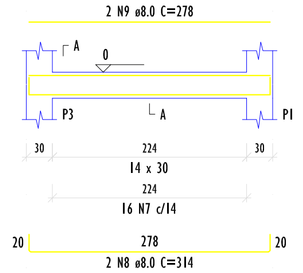


SEÇÃO A-A

ESC. 1:25

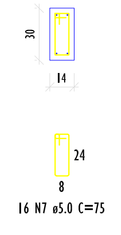
VB3 (14 x 30)

ESC. 1:50



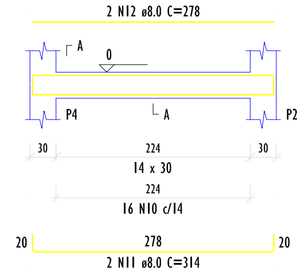
SEÇÃO A-A

ESC. 1:25



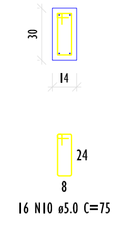
VB4 (14 x 30)

ESC. 1:50



SEÇÃO A-A

ESC. 1:25



RELAÇÃO DO AÇO

ELEMENTO	AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
VB1	CA60	1	5.0	19	75	1425
	CA50	2	8.0	2	314	628
	CA50	3	8.0	2	320	640
VB2	CA60	4	5.0	19	75	1425
	CA50	5	8.0	2	314	628
	CA50	6	8.0	2	320	640
VB3	CA60	7	5.0	16	75	1200
	CA50	8	8.0	2	314	628
	CA50	9	8.0	2	278	556
VB4	CA60	10	5.0	16	75	1200
	CA50	11	8.0	2	314	628
	CA50	12	8.0	2	278	556

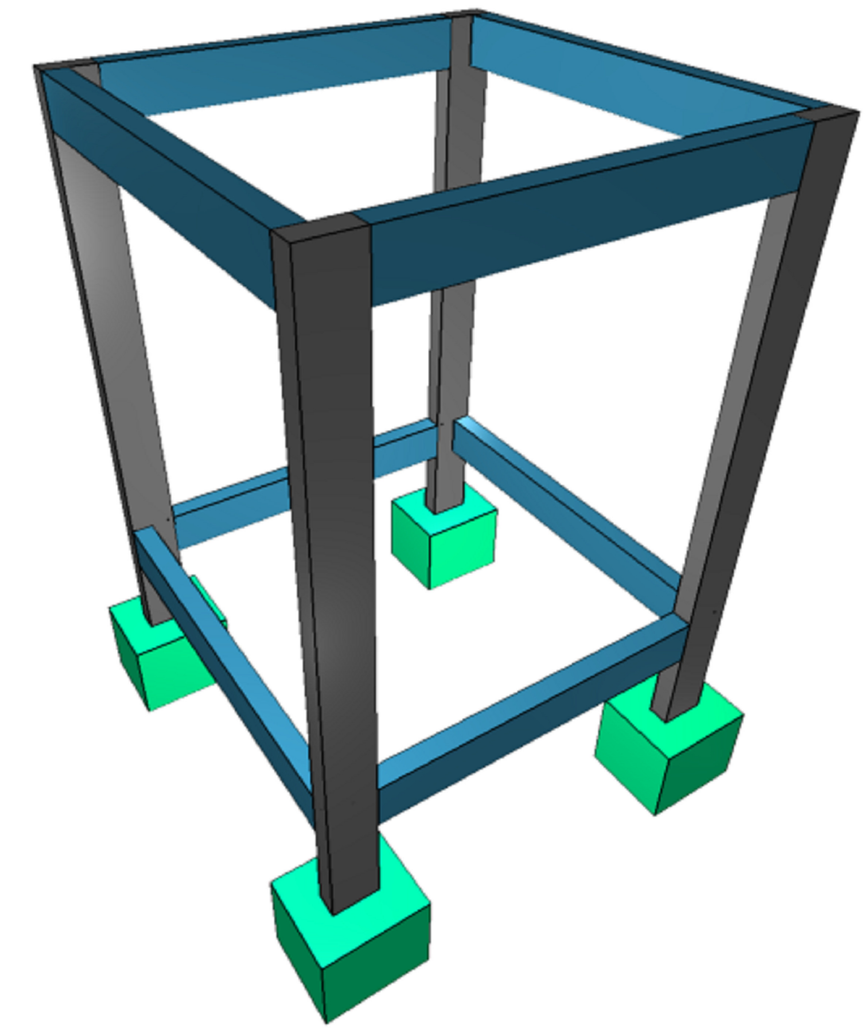
RESUMO DO AÇO

AÇO	DIAM (mm)	C.TOTAL (m)	QUANT + 0% (Barras)	UNIT	PESO + 0% (kg)
CA50	8.0	49	5	12 m	19.4
CA60	5.0	52.5	5	12 m	8.1

PESO TOTAL (kg)	
CA50	19.4
CA60	8.1

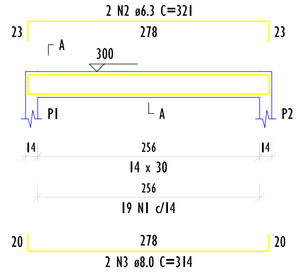
Volume de concreto (C-25) = 0.40 m³

Área de forma = 7.10 m²



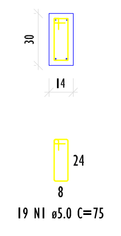
V1 (14 x 30)

ESC. 1:50



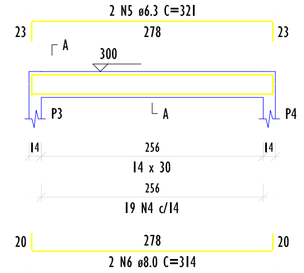
SEÇÃO A-A

ESC. 1:25



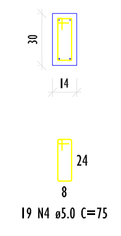
V2 (14 x 30)

ESC. 1:50



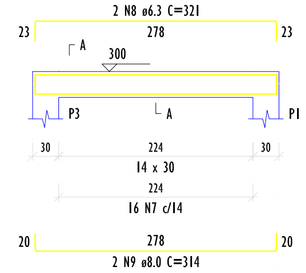
SEÇÃO A-A

ESC. 1:25



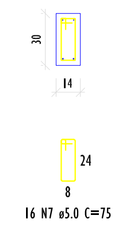
V3 (14 x 30)

ESC. 1:50



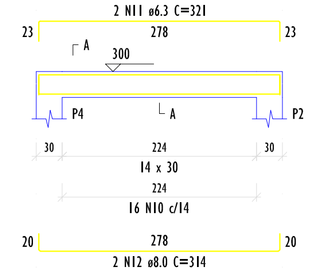
SEÇÃO A-A

ESC. 1:25



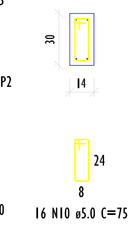
V4 (14 x 30)

ESC. 1:50



SEÇÃO A-A

ESC. 1:25



RELAÇÃO DO AÇO

ELEMENTO	AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
V1	CA60	1	5.0	19	75	1425
	CA50	2	6.3	2	321	642
	CA50	3	8.0	2	314	628
V2	CA60	4	5.0	19	75	1425
	CA50	5	6.3	2	321	642
	CA50	6	8.0	2	314	628
V3	CA60	7	5.0	16	75	1200
	CA50	8	6.3	2	321	642
	CA50	9	8.0	2	314	628
V4	CA60	10	5.0	16	75	1200
	CA50	11	6.3	2	321	642
	CA50	12	8.0	2	314	628

RESUMO DO AÇO

AÇO	DIAM (mm)	C.TOTAL (m)	QUANT + 0% (Barras)	UNIT	PESO + 0% (kg)
CA50	6.3	25.7	3	12 m	6.3
	8.0	25.1	3	12 m	9.9
CA60	5.0	52.5	5	12 m	8.1

PESO TOTAL (kg)	
CA50	16.2
CA60	8.1

Volume de concreto (C-25) = 0.40 m³

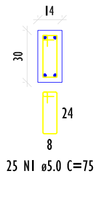
Área de forma = 7.10 m²

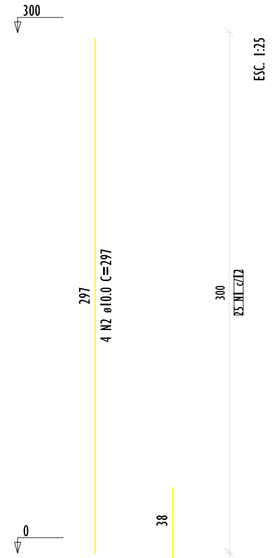
P1

COBERTURA - L2

SEÇÃO

ESC. 1:25

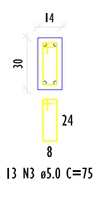


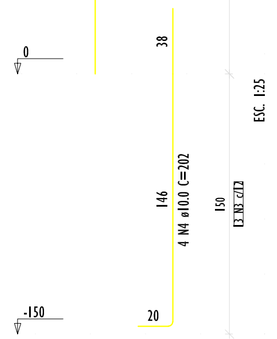


FUNDAÇÃO - L1

SEÇÃO

ESC. 1:25



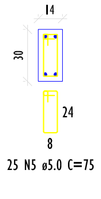


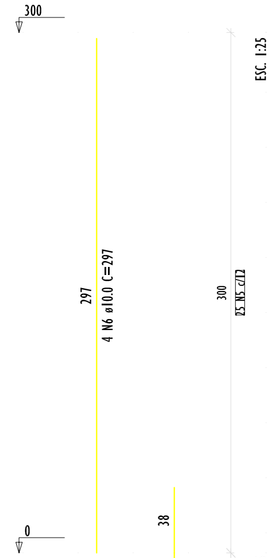
P2

COBERTURA - L2

SEÇÃO

ESC. 1:25

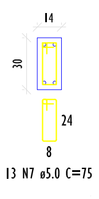


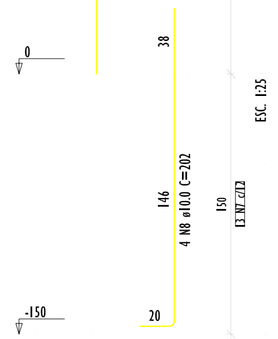


FUNDAÇÃO - L1

SEÇÃO

ESC. 1:25



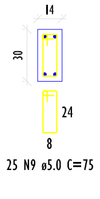


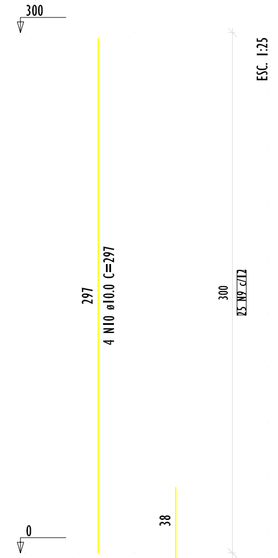
P3

COBERTURA - L2

SEÇÃO

ESC. 1:25

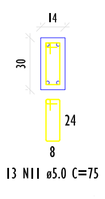


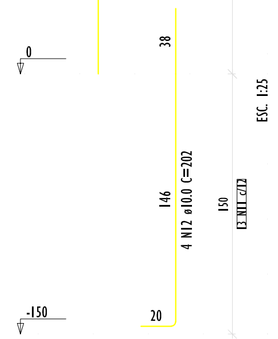


FUNDAÇÃO - L1

SEÇÃO

ESC. 1:25



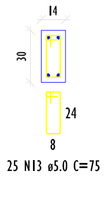


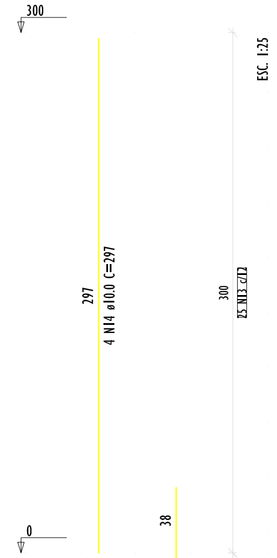
P4

COBERTURA - L2

SEÇÃO

ESC. 1:25

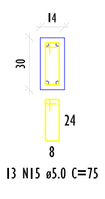


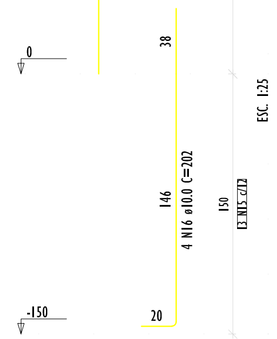


FUNDAÇÃO - L1

SEÇÃO

ESC. 1:25





RELAÇÃO DO AÇO

ELEMENTO	AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
P1-L2	CA60	1	5.0	25	75	1875
	CA50	2	10.0	4	297	1188
P1-L1	CA60	3	5.0	13	75	975
	CA50	4	10.0	4	202	808
P2-L2	CA60	5	5.0	25	75	1875
	CA50	6	10.0	4	297	1188
P2-L1	CA60	7	5.0	13	75	975
	CA50	8	10.0	4	202	808
P3-L2	CA60	9	5.0	25	75	1875
	CA50	10	10.0	4	297	1188
P3-L1	CA60	11	5.0	13	75	975
	CA50	12	10.0	4	202	808
P4-L2	CA60	13	5.0	25	75	1875
	CA50	14	10.0	4	297	1188
P4-L1	CA60	15	5.0	13	75	975
	CA50	16	10.0	4	202	808

RESUMO DO AÇO

AÇO	DIAM (mm)	C.TOTAL (m)	QUANT + 0% (Barras)	UNIT	PESO + 0% (kg)
CA50	10.0	79.8	7	12 m	49.2
CA60	5.0	114	10	12 m	17.6

PESO TOTAL (kg)	
CA50	49.2
CA60	17.6

Volume de concreto (C-25) = 0.66 m³

Área de forma = 13.73 m²

Características dos materiais

fck
(kgf/cm²)
250

ProSen

Projetos & Serviços de Engenharia Ltda.

Prefeitura Municipal
Santa Cruz do Escalvado
ESTADO DE MINAS GERAIS
Administração 2021-2024

OBJETO: Execução de edificação para suporte de saude e adequação da iluminação do redondel no Parque de Exposições

NO. OPERAÇÃO: ---------

DATA: Novembro / 23

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: Parque de Exposições, Sta. Cruz Escalvado

FOLHA: 02/02

PROGRAMA: RECURSOS PRÓPRIOS

Formato A1