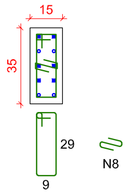
P19

NÍVEL 0 - L2

SEÇÃO ESC 1:20

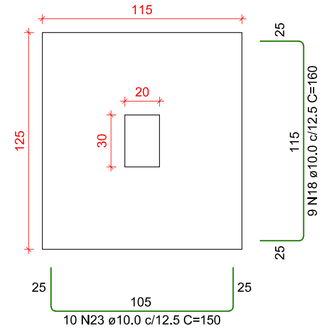


37 N9 ø5.0 C=87
37 N8 ø5.0 C=24



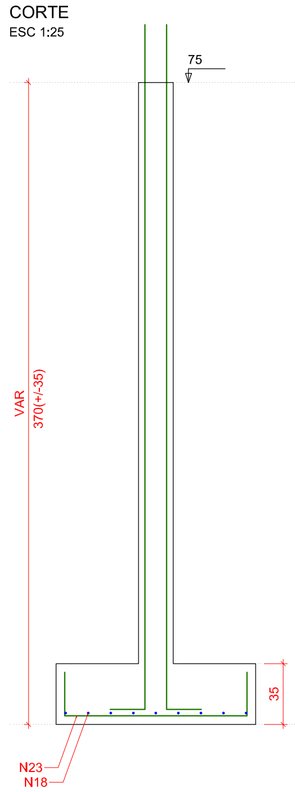
S21

PLANTA ESC 1:25



10 N23 ø10,0 c/12.5 C=150

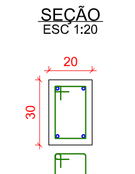
CORTE ESC 1:25



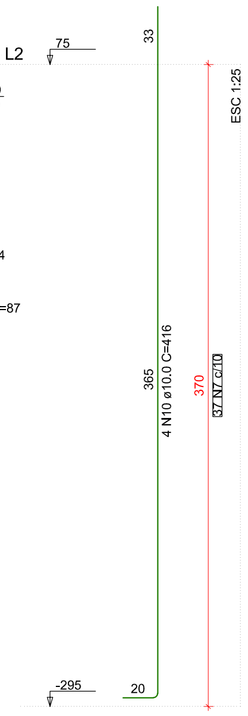
P21

NÍVEL 0 - L2

SEÇÃO ESC 1:20

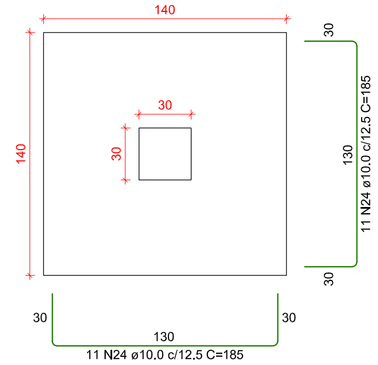


37 N7 ø5.0 C=87



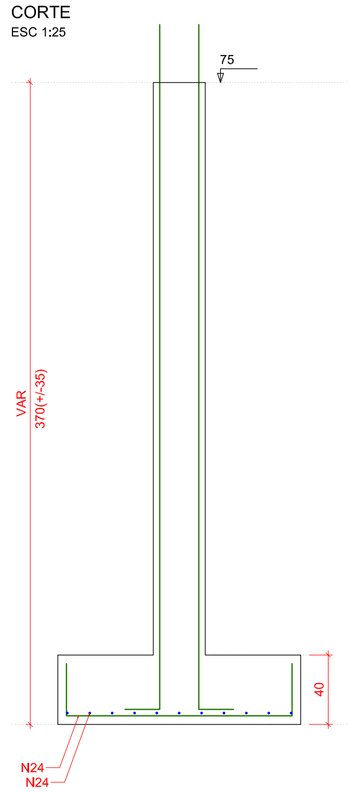
S22

PLANTA ESC 1:25



11 N24 ø10,0 c/12.5 C=185

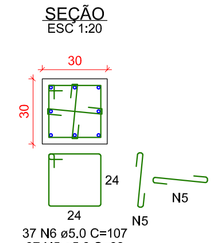
CORTE ESC 1:25



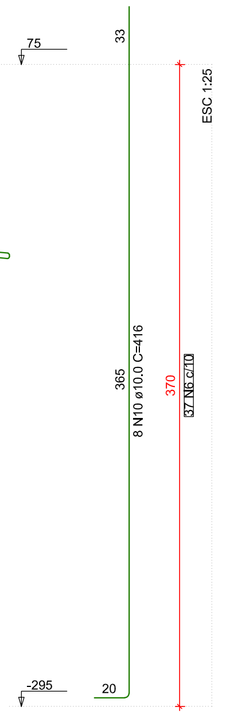
P22

NÍVEL 0 - L2

SEÇÃO ESC 1:20



37 N6 ø5,0 C=107
37 N5 ø5,0 C=39
37 N5 ø5,0 C=39



RELAÇÃO DO AÇO

P6	P12	2xP13
P14	P15	P16
P17	P18	P19
P21	P22	S6
S12	2xS13	S14
S16	S17	2xS18
S19	S21	S22

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	74	67	4958
	2	5.0	300	75	22500
	3	5.0	50	251	12550
	4	5.0	111	77	8547
	5	5.0	148	39	5772
	6	5.0	74	107	7918
	7	5.0	74	87	6438
	8	5.0	37	24	888
	9	5.0	37	87	3219
CA50	10	10.0	50	416	20800
	11	10.0	10	380	3800
	12	10.0	8	130	1040
	13	10.0	16	140	2240
	14	10.0	7	115	805
	15	10.0	6	125	750
	16	10.0	52	175	9100
	17	10.0	10	145	1450
	18	10.0	37	160	5920
	19	10.0	8	155	1240
	20	10.0	34	180	6120
	21	10.0	20	190	3800
	22	10.0	10	200	2000
	23	10.0	10	150	1500
	24	10.0	22	185	4070
	25	12.5	32	377	12064

RESUMO DO AÇO

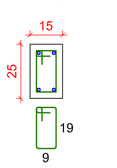
AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 0% (kg)
CA50	10.0	646.4	398.5
	12.5	120.6	116.2
CA60	5.0	727.9	112.2
PESO TOTAL (kg)			
CA50	514.7		
CA60	112.2		

Volume de concreto (C-30) = 12.74 m³
Área de forma = 71,49 m²

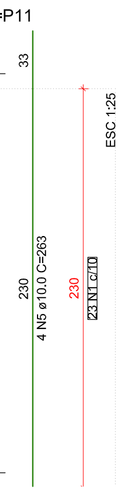
P1=P3=P4=P5=P7=P9=P11

NÍVEL 0 - L2

SEÇÃO ESC 1:20



23 N1 ø5.0 C=67

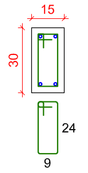


NÍVEL -1 - L1

P2=P8

NÍVEL 0 - L2

SEÇÃO ESC 1:20



23 N2 ø5.0 C=77

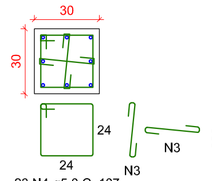


NÍVEL -1 - L1

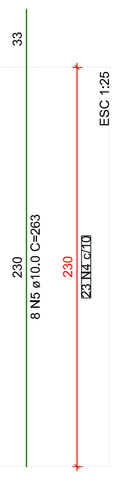
P10

NÍVEL 0 - L2

SEÇÃO ESC 1:20



23 N4 ø5.0 C=107
23 N3 ø5.0 C=39
23 N3 ø5.0 C=39



NÍVEL -1 - L1

RELAÇÃO DO AÇO

7xP1 2xP2 P10

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	161	67	10787
	2	5.0	46	77	3542
	3	5.0	46	39	1794
	4	5.0	23	107	2461
CA50	5	10.0	44	263	11572

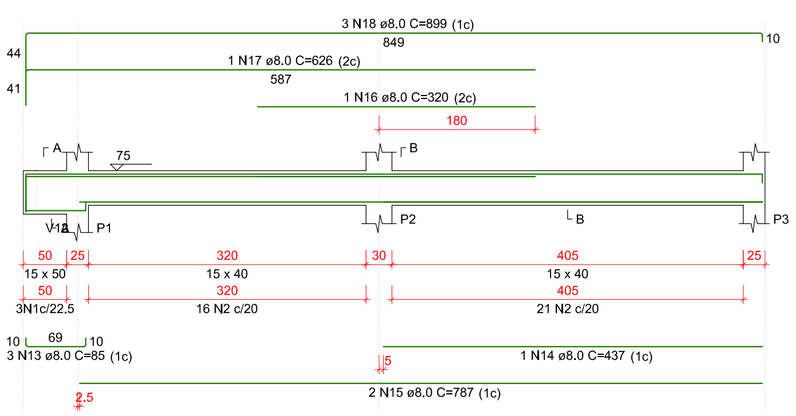
RESUMO DO AÇO

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 0% (kg)
CA50	10.0	115.7	71.3
CA60	5.0	185.8	28.6
PESO TOTAL (kg)			
CA50	71,3		
CA60	28,6		

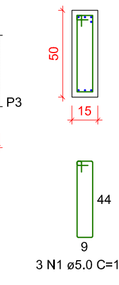
Volume de concreto (C-30) = 1,02 m³
Área de forma = 19,78 m²

V1

ESC 1:50

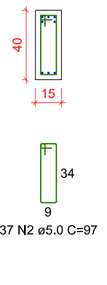


SEÇÃO A-A ESC 1:25



3 N1 ø5.0 C=117

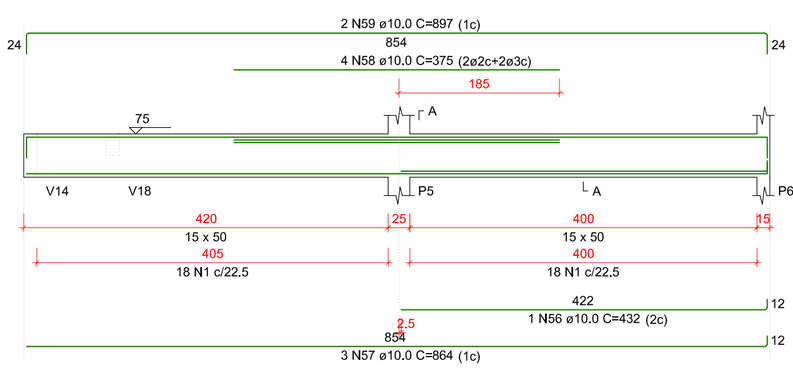
SEÇÃO B-B ESC 1:25



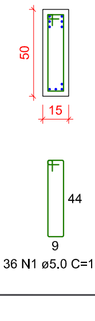
37 N2 ø5.0 C=97

V3

ESC 1:50



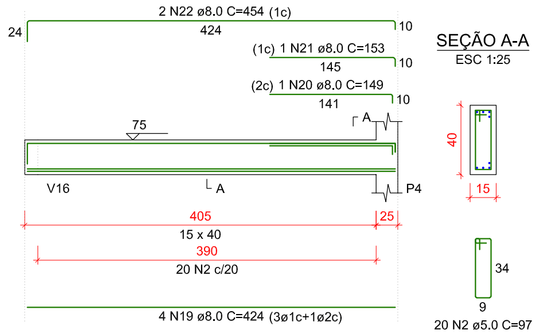
SEÇÃO A-A ESC 1:25



36 N1 ø5.0 C=117

V2

ESC 1:50

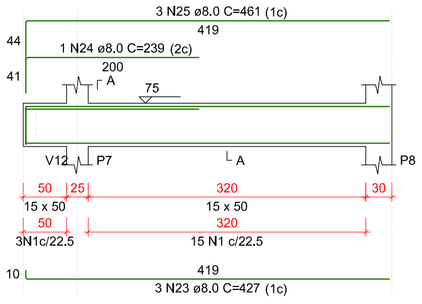


SEÇÃO A-A ESC 1:25

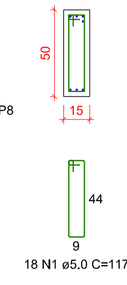
20 N2 ø5.0 C=97

V4

ESC 1:50



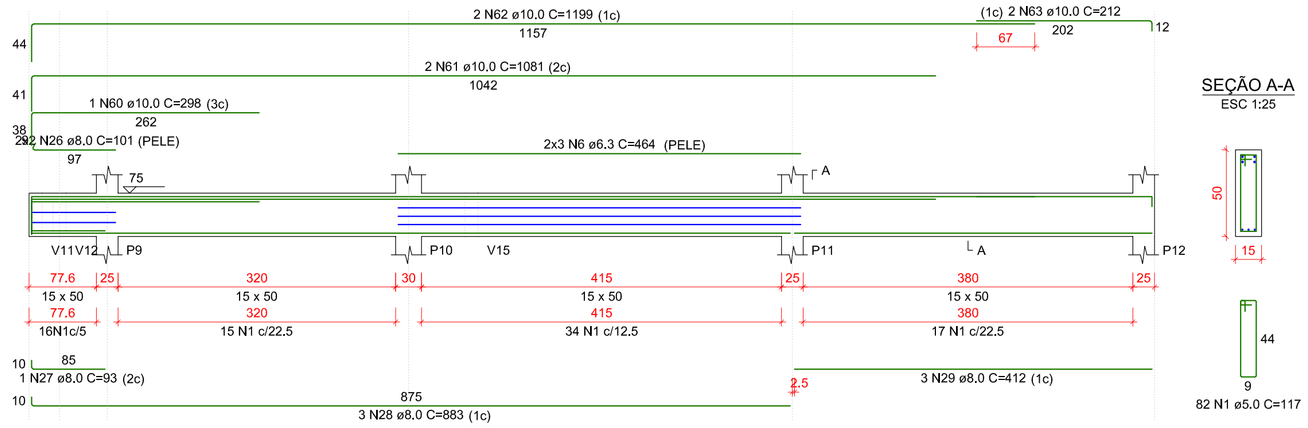
SEÇÃO A-A ESC 1:25



18 N1 ø5.0 C=117

V5

ESC 1:50

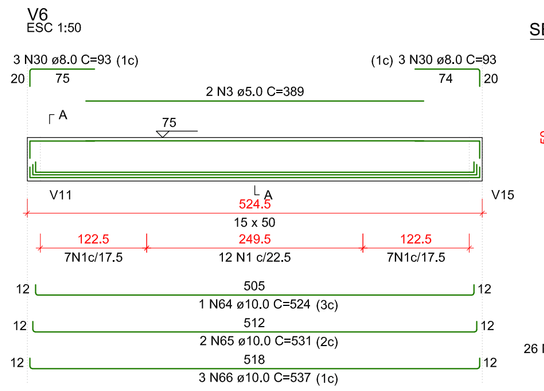


SEÇÃO A-A ESC 1:25

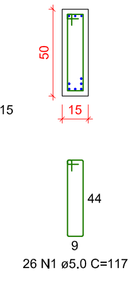
82 N1 ø5.0 C=117

V6

ESC 1:50



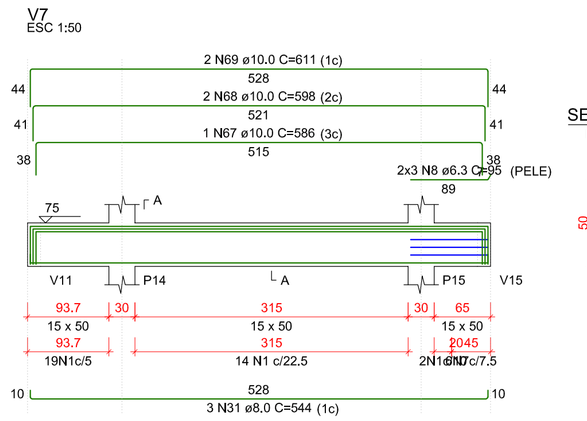
SEÇÃO A-A ESC 1:25



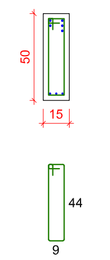
26 N1 ø5.0 C=117

V7

ESC 1:50



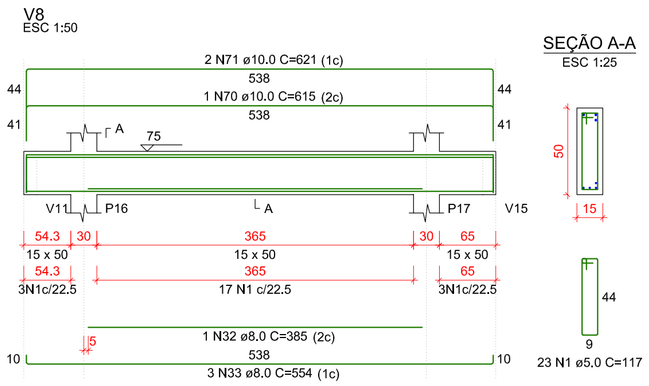
SEÇÃO A-A ESC 1:25



35 N1 ø5.0 C=117
6 N7 ø6.3 C=118

V8

ESC 1:50

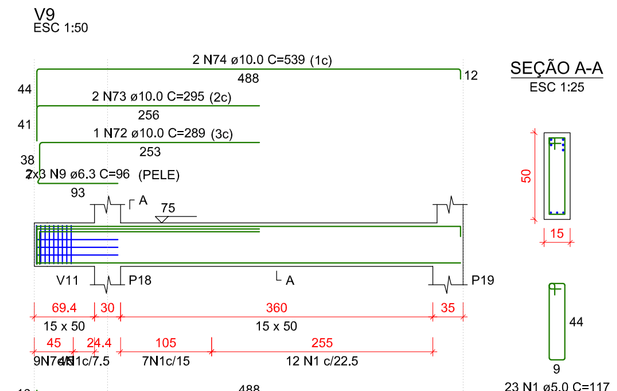


SEÇÃO A-A ESC 1:25

23 N1 ø5.0 C=117

V9

ESC 1:50



SEÇÃO A-A ESC 1:25

23 N1 ø5.0 C=117
9 N7 ø6.3 C=118

Aprovações:

ammoc
Associação dos Municípios do Meio Oeste Catarinense
Rua Roberto Trompowski,68 - 2º andar / Tel: 49 3522-2800 - www.ammoc.org.br - e-mail: ammoc@ammoc.org.br - Joaçaba/SC

PREFEITURA MUNICIPAL DE LUZERNA

Obra:

PRAÇA MUNICIPAL AVENIDA FRANCISCO LINDNER

ESTRUTURAL

Local da Obra: AVENIDA FRANCISCO LINDNER, BAIRRO CENTRO - LUZERNA / SANTA CATARINA

Conteúdo:
- DETALHAMENTO: FUNDAÇÃO (NÍVEL 0) E VIGA (NÍVEL 0)

Responsável Técnico:

Ana Júlia U. de Carvalho - Eng. Civil - CREA-SC 105.295-8
André Brito Dotti - Eng. Civil - CREA-SC 162.237-5
André Felipe Kasteller - Eng. Civil - CREA-SC 201.019-5
Denir Narcizo Zulian - Eng. Civil - CREA-SC 50.805-8
Felipe L. Parisoto - Eng. Agrônomo - CREA-SC 183.059-9
Max Mooshammer - Eng. Civil - CREA-SC 139.164-0
Suellen Karine Cervelin - Eng. Civil - CREA-SC 166.933-0

EST 06/10

Quaisquer alterações consulte os responsáveis técnicos:

SUELLEN KARINE CERVELIN: 09154865980

Assinatura Responsável Técnico

Assinatura Prefeito(a) Municipal

Desenho:	Data:	Escala:	Área Total:
ANDRÉ DOTTI	JULHO / 2025	Indicada (s)	696,06 m²