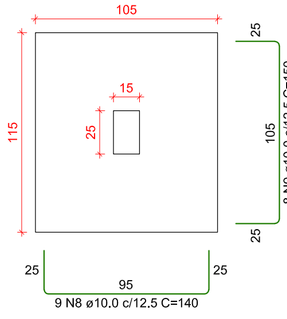
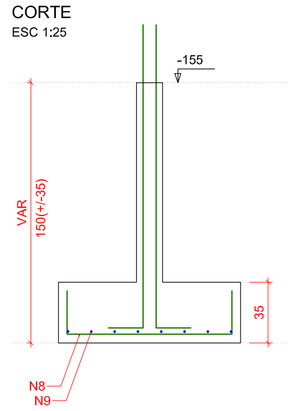
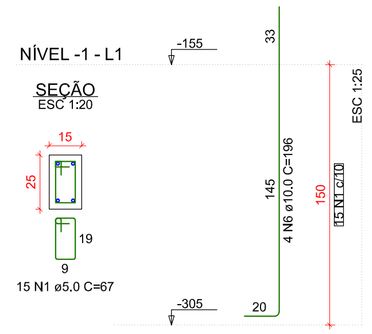
S1=S9=S11
PLANTA
ESC 1:25



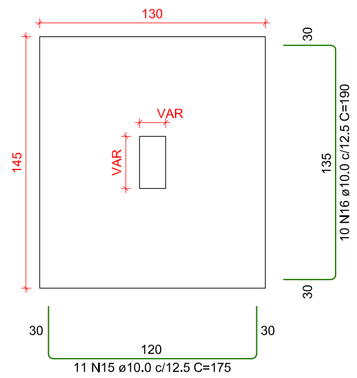
CORTE
ESC 1:25



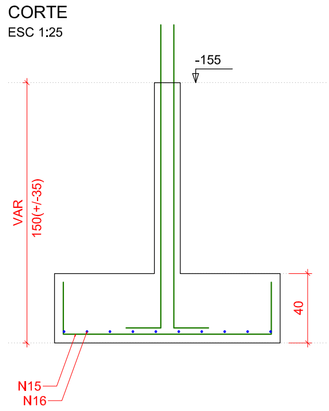
P1=P9=P11
NÍVEL -1 - L1
SEÇÃO
ESC 1:20



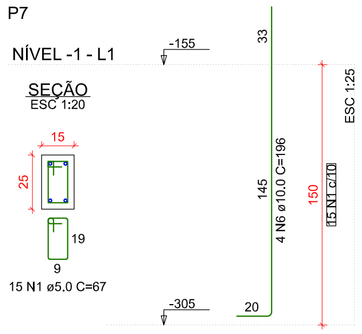
S2=S7=S8
PLANTA
ESC 1:25



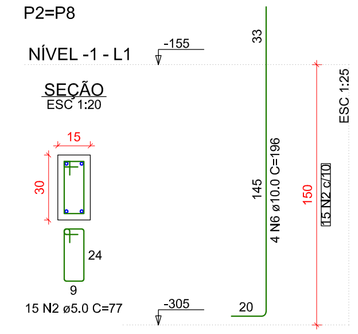
CORTE
ESC 1:25



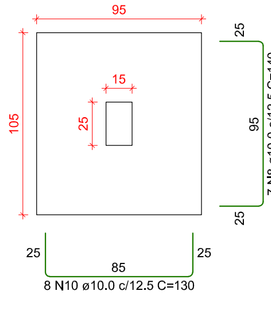
P7
NÍVEL -1 - L1
SEÇÃO
ESC 1:20



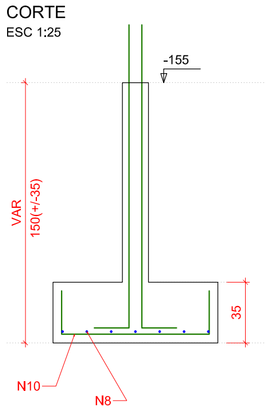
P2=P8
NÍVEL -1 - L1
SEÇÃO
ESC 1:20



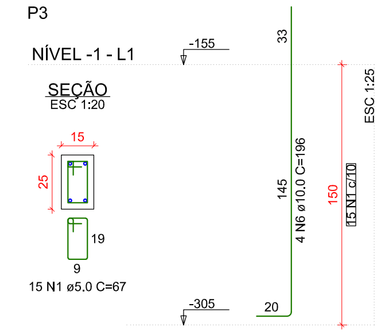
S3
PLANTA
ESC 1:25



CORTE
ESC 1:25



P3
NÍVEL -1 - L1
SEÇÃO
ESC 1:20



RELAÇÃO DO AÇO

3xP1 2xP2 P3 P4 P5
P7 P10 3xS1 S3 S4
S5 3xS8 S10

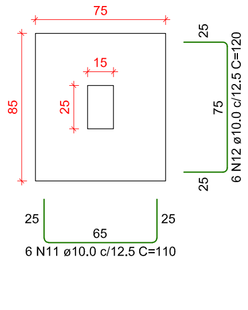
AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	90	67	6030
	2	5.0	30	77	2310
	3	5.0	15	77	1155
	4	5.0	30	39	1170
CA50	5	5.0	15	107	1605
	6	10.0	44	196	8624
	7	10.0	2	160	320
	8	10.0	34	140	4760
	9	10.0	24	150	3600
	10	10.0	8	130	1040
	11	10.0	6	110	660
	12	10.0	6	120	720
	13	10.0	10	150	1500
	14	10.0	9	155	1395
	15	10.0	33	175	5775
	16	10.0	52	190	9880

RESUMO DO AÇO

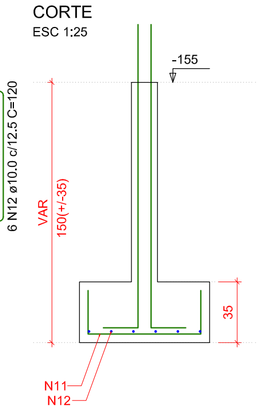
AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 0% (kg)
CA50	10.0	382.7	236
CA60	5.0	122.7	18.9
PESO TOTAL (kg)			
CA50	236		
CA60	18.9		

Volume de concreto (C-30) = 6.10 m³
Área de forma = 26.96 m²

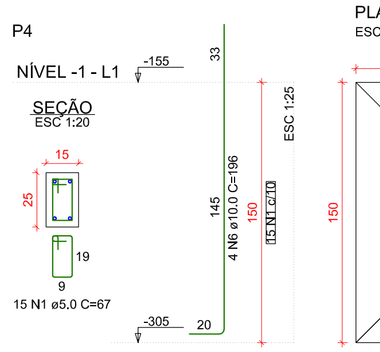
S4
PLANTA
ESC 1:25



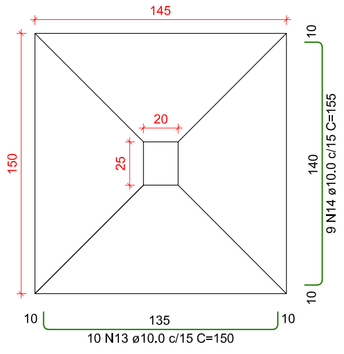
CORTE
ESC 1:25



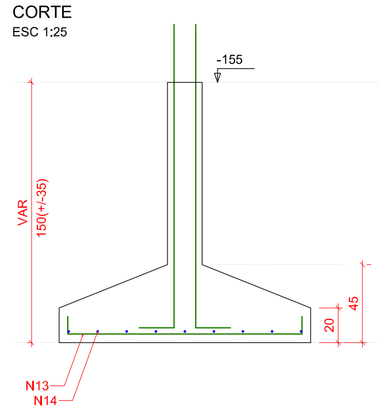
P4
NÍVEL -1 - L1
SEÇÃO
ESC 1:20



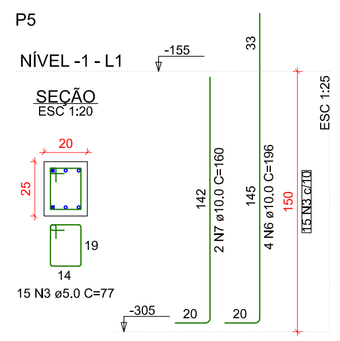
S5
PLANTA
ESC 1:25



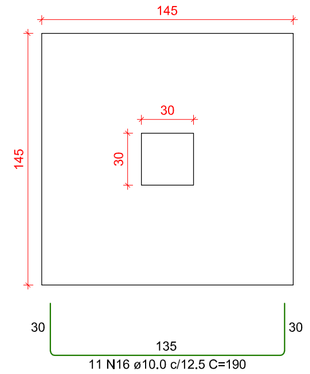
CORTE
ESC 1:25



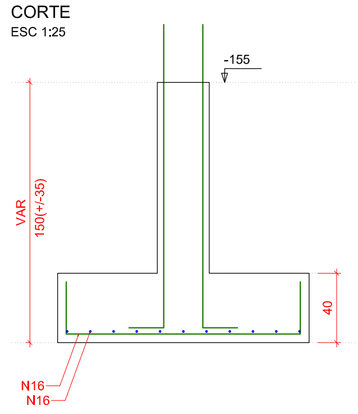
P5
NÍVEL -1 - L1
SEÇÃO
ESC 1:20



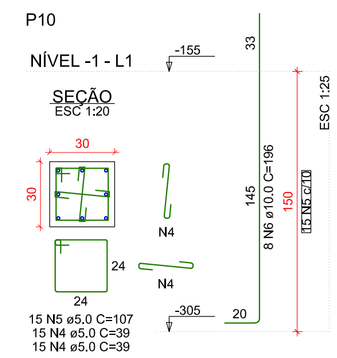
S10
PLANTA
ESC 1:25



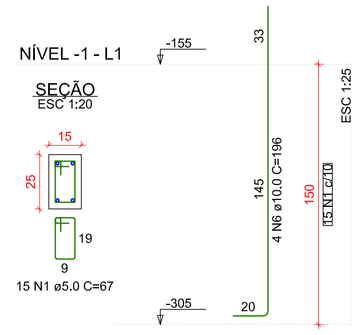
CORTE
ESC 1:25



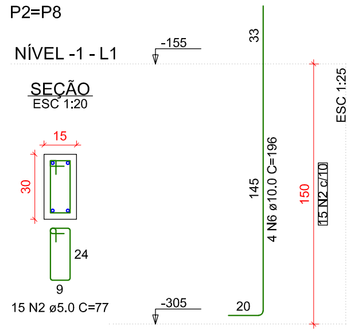
P10
NÍVEL -1 - L1
SEÇÃO
ESC 1:20



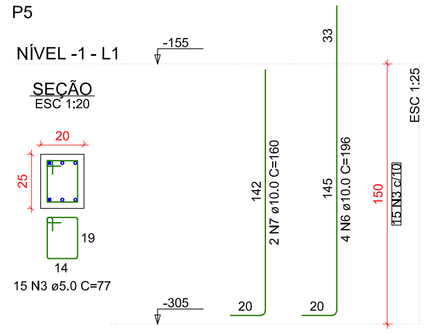
P1=P3=P4=P7=P9=P11
NÍVEL -1 - L1
SEÇÃO
ESC 1:20



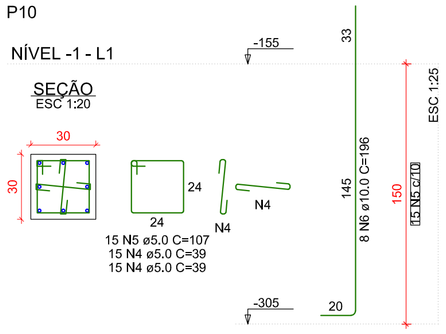
P2=P8
NÍVEL -1 - L1
SEÇÃO
ESC 1:20



P5
NÍVEL -1 - L1
SEÇÃO
ESC 1:20



P10
NÍVEL -1 - L1
SEÇÃO
ESC 1:20



RELAÇÃO DO AÇO

6xP1 2xP2 P5 P10

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	90	67	6030
	2	5.0	30	77	2310
	3	5.0	15	77	1155
	4	5.0	30	39	1170
CA50	5	5.0	15	107	1605
	6	10.0	44	196	8624
	7	10.0	2	160	320

RESUMO DO AÇO

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 0% (kg)
CA50	10.0	89.4	55.1
CA60	5.0	122.7	18.9
PESO TOTAL (kg)			
CA50	55.1		
CA60	18.9		

Volume de concreto (C-30) = 0.51 m³
Área de forma = 9.77 m²

RELAÇÃO DO AÇO

V1 V2 V3 V4
V5 V6 V7 V8

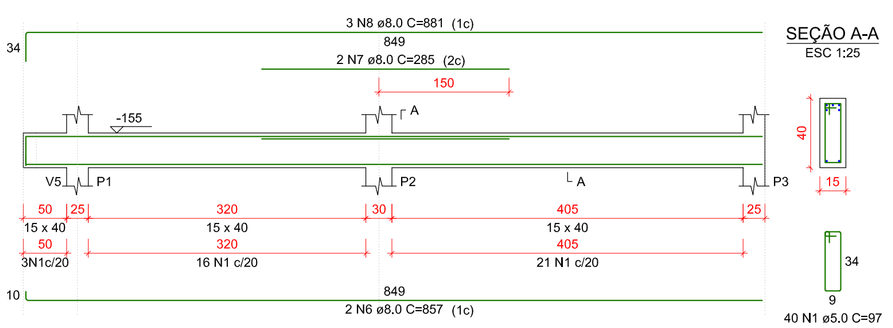
AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	257	97	24929
CA50	2	5.0	2	220	440
	3	6.3	2	71	142
	4	6.3	4	335	1340
	5	6.3	4	270	1080
	6	8.0	2	857	1714
	7	8.0	2	285	570
	8	8.0	3	881	2643
	9	8.0	1	357	357
	10	8.0	2	427	854
	11	8.0	1	214	214
	12	8.0	1	445	445
	13	8.0	3	451	1353
	14	8.0	1	447	447
	15	8.0	2	867	1734
	16	8.0	3	315	945
	17	8.0	3	891	2673
	18	8.0	4	577	2308
	19	8.0	2	613	1226
	20	8.0	1	327	327
	21	8.0	2	569	1138
	22	8.0	1	355	355
	23	8.0	3	589	1767
	24	8.0	2	616	1232
	25	8.0	2	424	848
	26	8.0	2	454	908
	27	10.0	1	446	446
	28	10.0	3	449	1347
	29	10.0	2	87	174
	30	10.0	1	173	173
	31	10.0	2	176	352
	32	10.0	2	180	360

RESUMO DO AÇO

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 0% (kg)
CA50	6.3	25.6	6.3
	8.0	240.6	94.9
	10.0	28.5	17.6
CA60	5.0	253.7	39.1
PESO TOTAL (kg)			
CA50	118.8		
CA60	39.1		

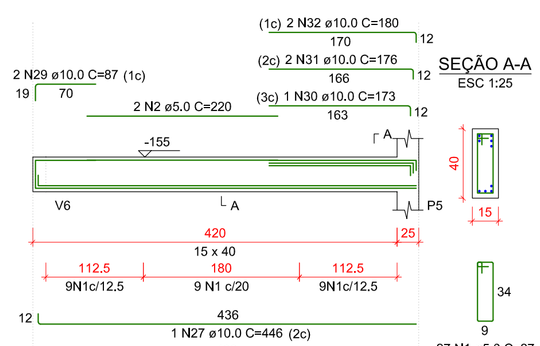
Volume de concreto (C-30) = 2.59 m³
Área de forma = 33.71 m²

V1
ESC 1:50



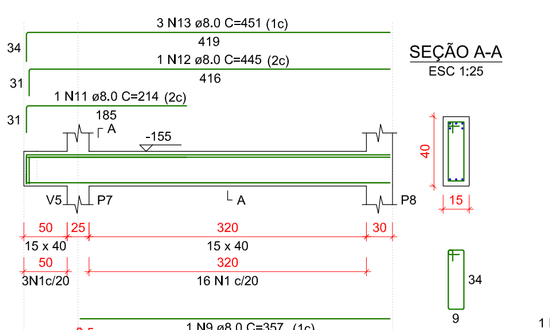
SEÇÃO A-A
ESC 1:25

V2
ESC 1:50



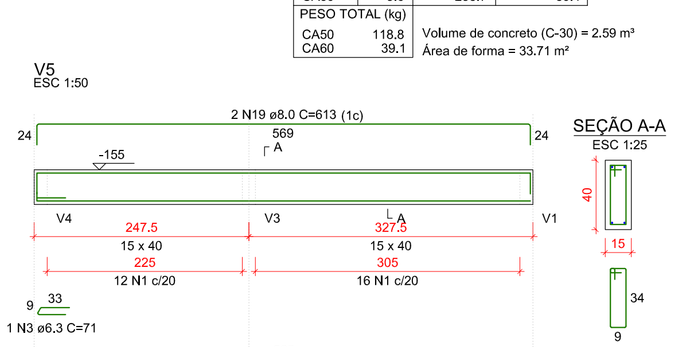
SEÇÃO A-A
ESC 1:25

V3
ESC 1:50



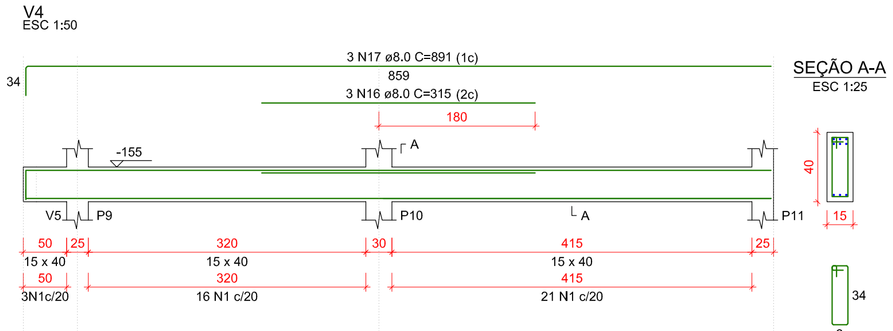
SEÇÃO A-A
ESC 1:25

V5
ESC 1:50



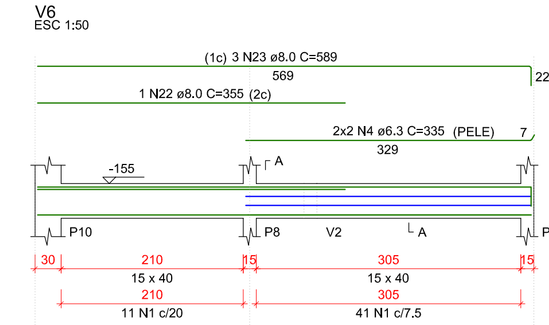
SEÇÃO A-A
ESC 1:25

V4
ESC 1:50



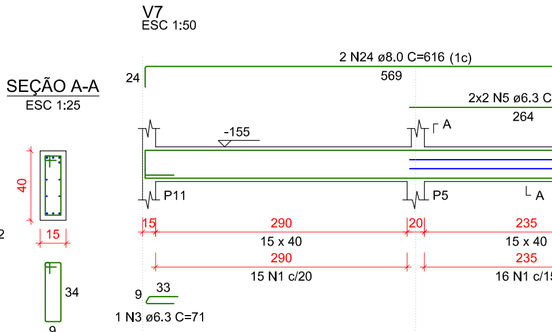
SEÇÃO A-A
ESC 1:25

V6
ESC 1:50



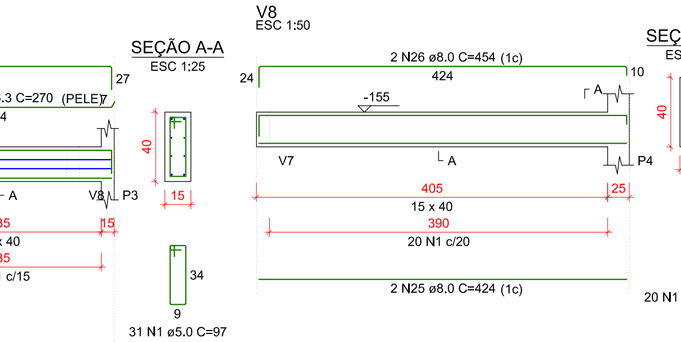
SEÇÃO A-A
ESC 1:25

V7
ESC 1:50



SEÇÃO A-A
ESC 1:25

V8
ESC 1:50



SEÇÃO A-A
ESC 1:25

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 -1) E VIGA (NÍVEL -1)

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 02/10

Quaisquer alterações consulte os responsáveis técnicos:

SUELLEN KARINE CERVELIN: 09154865980
Assinado digitalmente por SUELLEN KARINE CERVELIN:09154865980
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Razão: Eu sou o autor deste documento
Localização: Brasil
Data: 2025-07-15 08:56:03
Foxit Reader Version: 9.7.0

Assinatura Responsável Técnico

Assinatura Prefeito(a) Municipal

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