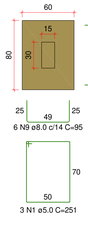
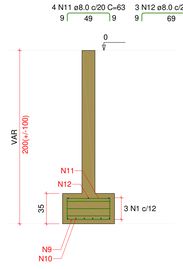
S1

Planta
ESC 1:25

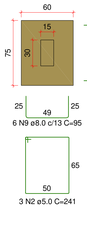


Corte
ESC 1:25

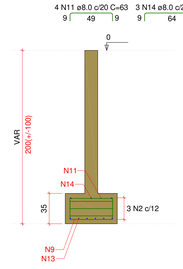


S2=S22=S24=S25

Planta
ESC 1:25

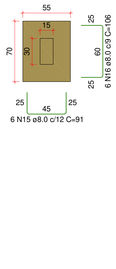


Corte
ESC 1:25

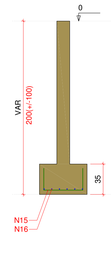


S3=S4=S6=S30=S32

Planta
ESC 1:25

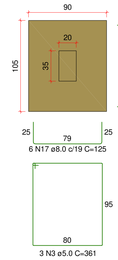


Corte
ESC 1:25

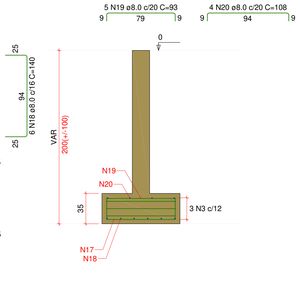


S5

Planta
ESC 1:25

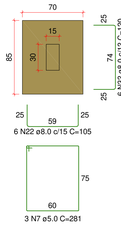


Corte
ESC 1:25

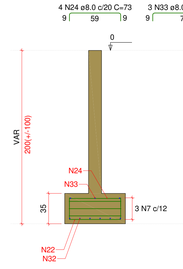


S7=S28=S29=S41=S42

Planta
ESC 1:25

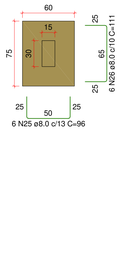


Corte
ESC 1:25

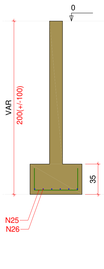


S8=S12=S23=S31=S40

Planta
ESC 1:25



Corte
ESC 1:25



RELAÇÃO DO AÇO

S1	4xS2	5xS3	
S5	3xS10	5xS11	
5xS12	5xS14	3xS18	
S26	5xS28	2xS35	
S36	S38	S43	
S44			

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	3	251	753
	2	5.0	12	241	2892
	3	5.0	3	361	1083
	4	5.0	9	221	1989
	5	5.0	15	301	4515
	6	5.0	3	321	963
	7	5.0	15	281	4215
	8	5.0	3	371	1113
CA50	9	8.0	30	95	2850
	10	8.0	12	115	1380
	11	8.0	20	63	1260
	12	8.0	8	83	664
	13	8.0	54	110	5940
	14	8.0	32	78	2496
	15	8.0	30	91	2730
	16	8.0	48	106	5088
	17	8.0	36	125	4500
	18	8.0	12	140	1680
	19	8.0	25	93	2325
	20	8.0	9	108	972
	21	8.0	18	90	1620
	22	8.0	48	105	5040
	23	8.0	9	58	522
	24	8.0	29	73	2117
	25	8.0	30	96	2880
	26	8.0	36	111	3996
	27	8.0	30	101	3030
	28	8.0	36	116	4176
	29	8.0	36	121	4356
	30	8.0	12	130	1560
	31	8.0	9	98	882
	32	8.0	30	120	3600
	33	8.0	15	88	1320
	34	8.0	19	136	2584
	35	8.0	6	126	756
	36	8.0	6	131	786

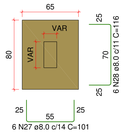
RESUMO DO AÇO

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 0% (kg)
CA50	8.0	711.1	280.6
CA60	5.0	175.2	27
PESO TOTAL (kg)			
CA50	280.6		
CA60	27		

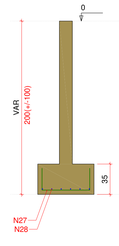
Volume de concreto (C-30) = 8.76 m³
Área de forma = 46.27 m²

S9=S14=S15=S17=S33

Planta
ESC 1:25

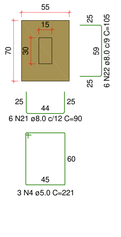


Corte
ESC 1:25

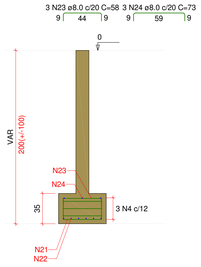


S10=S13=S16

Planta
ESC 1:25

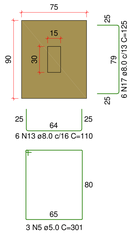


Corte
ESC 1:25

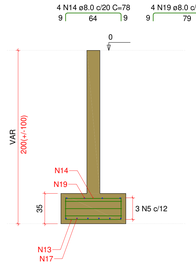


S11=S19=S21=S27=S37

Planta
ESC 1:25

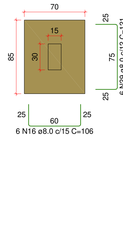


Corte
ESC 1:25

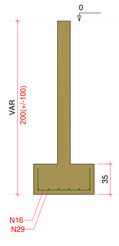


S18=S20=S34

Planta
ESC 1:25

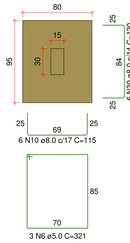


Corte
ESC 1:25

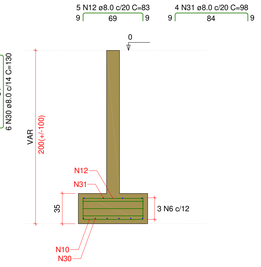


S26

Planta
ESC 1:25



Corte
ESC 1:25

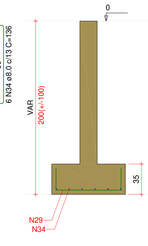


S35=S39

Planta
ESC 1:25

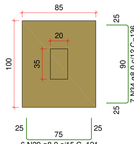


Corte
ESC 1:25

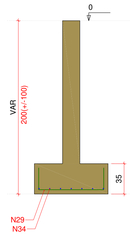


S36

Planta
ESC 1:25



Corte
ESC 1:25

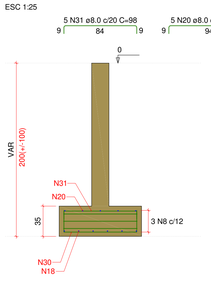


S38

Planta
ESC 1:25

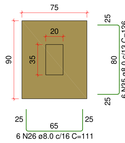


Corte
ESC 1:25

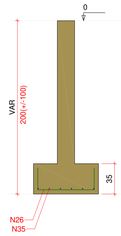


S43

Planta
ESC 1:25

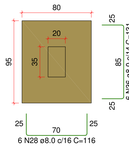


Corte
ESC 1:25

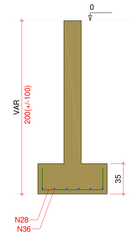


S44

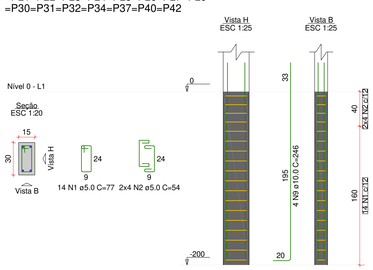
Planta
ESC 1:25



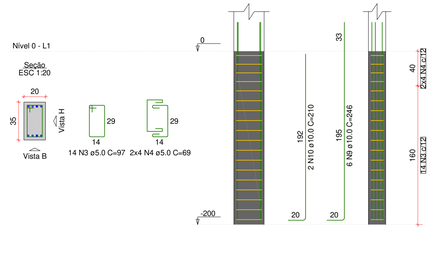
Corte
ESC 1:25



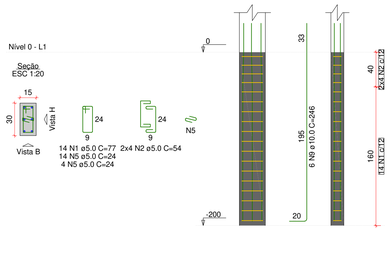
P1=P2=P3=P4=P6=P8=P9=P10=P11=P12=
=P13=P14=P15=P16=P17=P18=P19=P20=
=P21=P22=P23=P24=P25=P26=P27=P29=
=P30=P31=P32=P34=P37=P40=P42



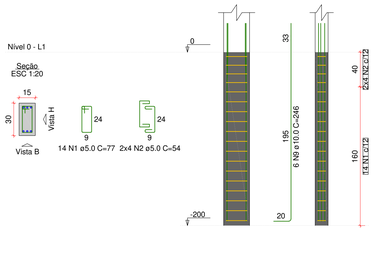
P5



P7=P41



P28=P39



RELAÇÃO DO AÇO

33xP1	P5	2xP7	
2xP28	P33	2xP35	
P38	2xP43		

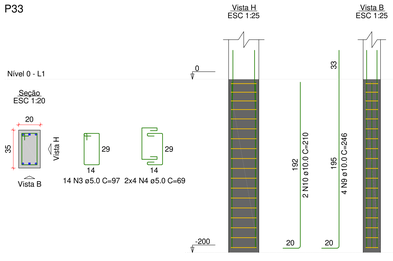
AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	518	77	39886
	2	5.0	296	54	15984
	3	5.0	84	97	8148
	4	5.0	48	69	3312
	5	5.0	36	24	864
	6	5.0	18	29	522
	7	5.0	14	87	1218
	8	5.0	8	64	512
CA50	9	10.0	200	246	49200
	10	10.0	4	210	840

RESUMO DO AÇO

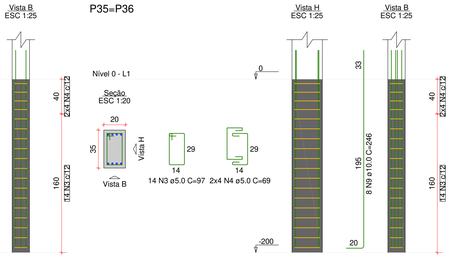
AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 0% (kg)
CA50	10.0	500.4	308.5
CA60	5.0	704.5	108.6
PESO TOTAL (kg)			
CA50	308.5		
CA60	108.6		

Volume de concreto (C-30) = 3.54 m³
Área de forma = 67.48 m²

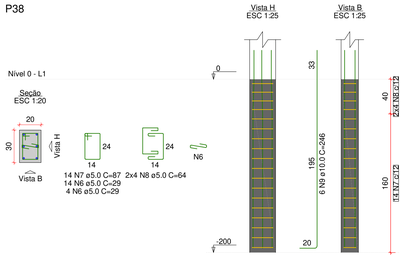
P33



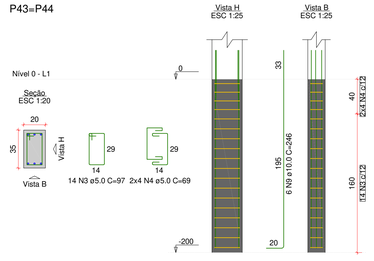
P35=P36



P38



P43=P44



Aprovações:

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PREFEITURA MUNICIPAL DE LUZERNA

Obra:

CENTRO DE EVENTOS MUNICIPAL

ESTRUTURAL

Local da Obra: AVENIDA FREI JOÃO, BAIRRO CENTRO - LUZERNA / SANTA CATARINA

Conteúdo: • DETALHAMENTO: FUNDAÇÃO E PILAR (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
Camila Zagonel - Eng. Civil - CREA-SC 112.963-0
Denir Narciso 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 03/07

Quaisquer alterações consulte os responsáveis técnicos:

Assinado digitalmente por ANDRE BRITO DOTTI:09062849990
Certificado Digital: CN=ANDRE BRITO DOTTI:09062849990, OU=Certificado PF A3, OU=ACSERC BRASIL, OU=Financeiro, OU=Certificado PF A3, OU=ACSERC BRASIL, OU=ACSERC BRASIL, OU=ACSERC BRASIL