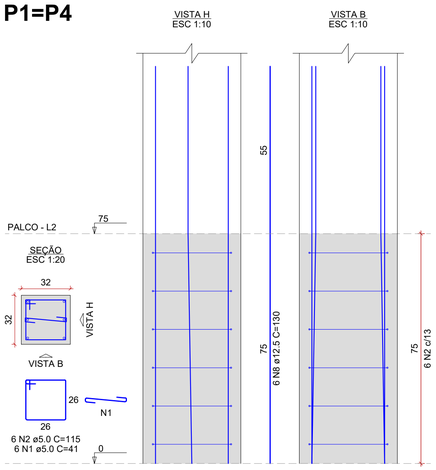
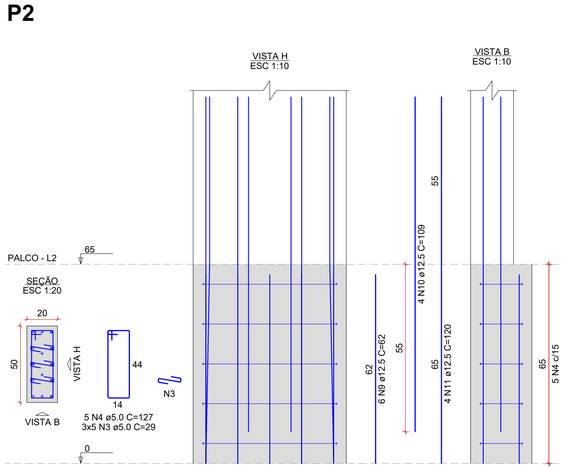
P1=P4



P2



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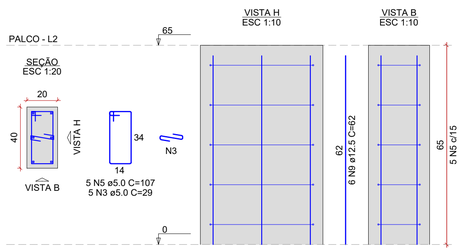
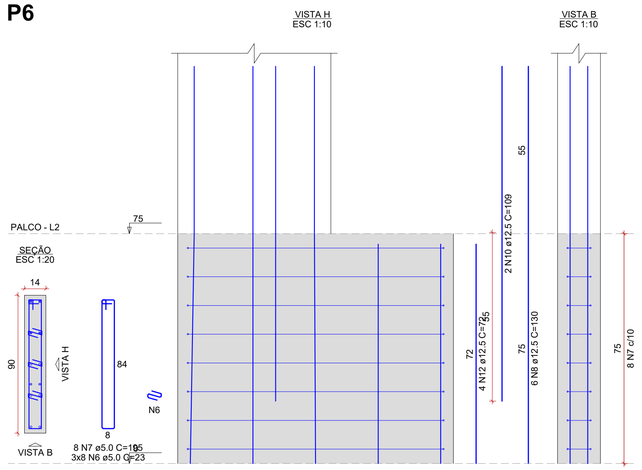


P6



RELAÇÃO DO AÇO

2xP1 P2 P5
P6

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	12	41	492
	2	5.0	12	115	1380
	3	5.0	20	29	580
	4	5.0	5	127	635
	5	5.0	5	107	535
	6	5.0	24	23	552
	7	5.0	8	195	1560
CA50	8	12.5	18	130	2340
	9	12.5	12	62	744
	10	12.5	6	109	654
	11	12.5	4	120	480
	12	12.5	4	72	288

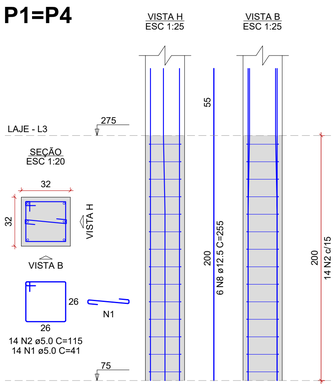
RESUMO DO AÇO

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 0% (kg)
CA50	12.5	45.1	43.4
CA60	5.0	57.3	8.8
PESO TOTAL (kg)			
CA50	43.4		
CA60	8.8		

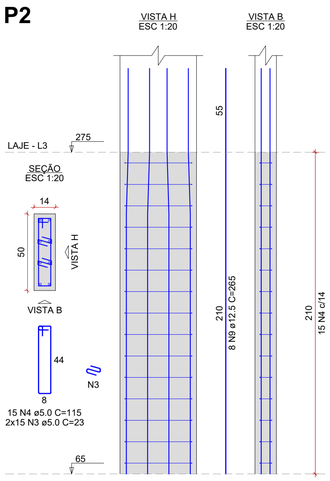
Volume de concreto (C-25) = 0.37 m³
Área de forma = 5.17 m²

PILARES 200
Escala Indicada

P1=P4



P2



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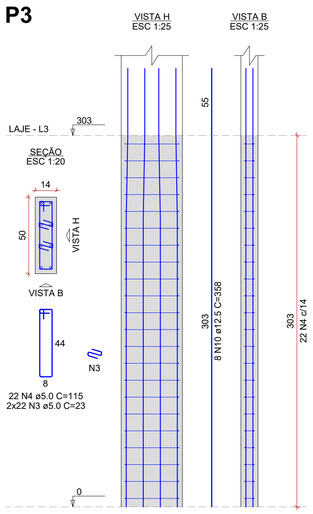
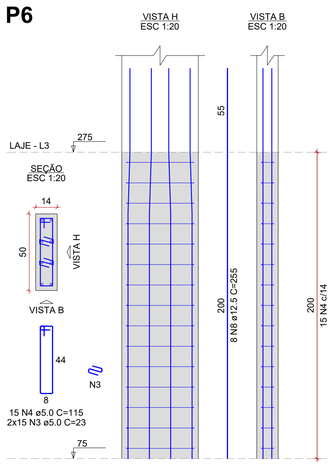
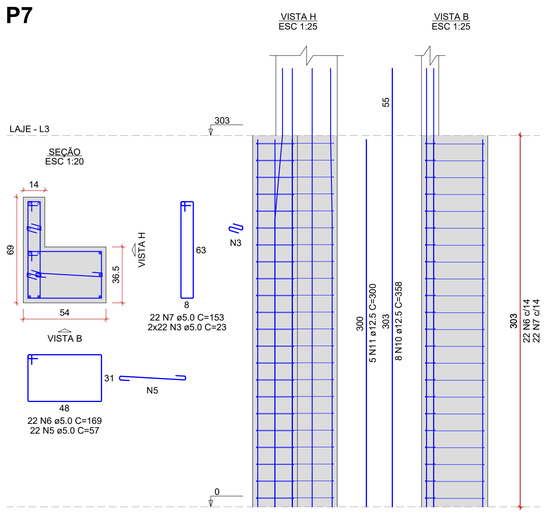


P6



P7



RELAÇÃO DO AÇO

2xP1 P2 P3
P6 P7

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	28	41	1148
	2	5.0	28	115	3220
	3	5.0	148	23	3404
	4	5.0	52	115	5980
	5	5.0	22	57	1254
	6	5.0	22	169	3718
	7	5.0	22	153	3366
CA50	8	12.5	20	255	5100
	9	12.5	8	265	2120
	10	12.5	16	358	5728
	11	12.5	5	300	1500

RESUMO DO AÇO

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 0% (kg)
CA50	12.5	144.5	139.2
CA60	5.0	220.9	34
PESO TOTAL (kg)			
CA50	139.2		
CA60	34		

Volume de concreto (C-25) = 1.64 m³
Área de forma = 21.70 m²

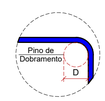
LEITURA DAS ARMADURAS

SEM ESCALA - COTAS EM CENTIMETROS

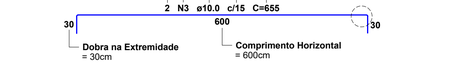
Tabela de Conversões e Pinos de Dobramento

AÇO	DIAM (mm)	DIAM (pol)	PINO (D) (cm)
CA60	5.0	3/16	3*
CA50	6.3	1/4	3
CA50	8.0	5/16	4
CA50	10.0	3/8	5
CA50	12.5	1/2	6.5
CA50	16.0	5/8	8

* Para Estribos, D=1,5



Quantidades de Barras = 2 Barras
Número da Barra no Detalhamento = N3
Bitola = ø10.0mm ou 3/8"
Espaçamento entre as Barras = 15cm
Comprimento Total da Barra = 655cm



PILARES 300
Escala Indicada

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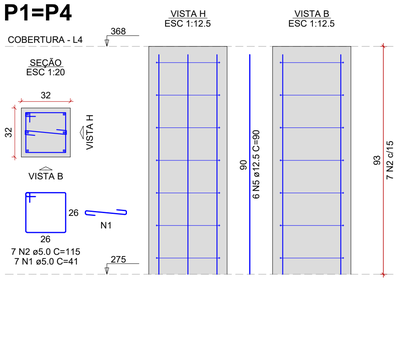
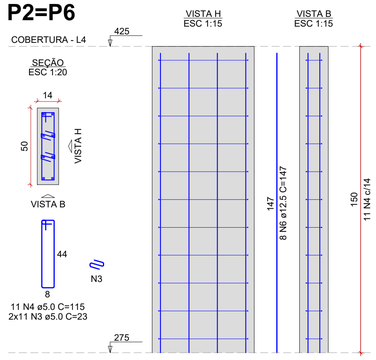
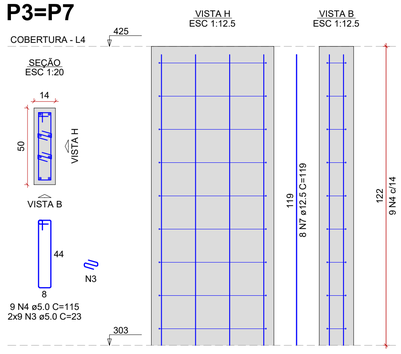


P2=P6



P3=P7



RELAÇÃO DO AÇO

2xP1 2xP2 2xP3

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	14	41	574
	2	5.0	14	115	1610
	3	5.0	80	23	1840
	4	5.0	40	115	4600
CA50	5	12.5	12	90	1080
	6	12.5	16	147	2352
	7	12.5	16	119	1904

RESUMO DO AÇO

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 0% (kg)
CA50	12.5	53.4	51.4
CA60	5.0	86.2	13.3
PESO TOTAL (kg)			
CA50	51.4		
CA60	13.3		

Volume de concreto (C-25) = 0.57 m³
Área de forma = 9.34 m²

PILARES 400
Escala Indicada

PROJETO - RESPONSÁVEL TÉCNICO:
WALTER DALPIAZ JUNIOR:04375008962
Assinado de forma digital por WALTER DALPIAZ JUNIOR:04375008962
Dados: 2021.09.10 16:52:38 -03'00'

EXECUÇÃO - RESPONSÁVEL TÉCNICO:

ASSINATURA - PROPRIETÁRIO: (REPRESENTANTE)

REVISÃO	DATA	ALTERAÇÕES

PROJETO ESTRUTURAL

AMAVI
ASSOCIAÇÃO DOS MUNICÍPIOS DO ALTO VALE DO ITAJAÍ
RUA: XV DE NOVEMBRO, Nº 737
CEP: 89160-015 -CENTRO
RIO DO SUL/SC
FONE/FAX: (47) 3531-4242
E-mail: amavi@amavi.org.br
http://www.amavi.org.br

OBRA: PRAÇA CENTRAL

PROPRIETÁRIO: PREFEITURA MUNICIPAL DE ATALANTA

ENDEREÇO: AVENIDA XV DE NOVEMBRO ESQUINA C/ RUA SÃO JOSÉ - CENTRO -ATALANTA/SC

CONTEÚDO:
PALCO
- Pilares 200
- Pilares 300
- Pilares 400

DESENHO: EDUARDO FIGUEIREDO
ÁREA (PALCO): 47,65m²
ESCALA: INDICADA
DATA: 10/09/2021
FOLHA: EST 04/07

TODOS OS DIREITOS RESERVADOS. PROIBIDA A REPRODUÇÃO PARCIAL OU TOTAL.
DESENHO VÁLIDO SOMENTE ASSINADO PELO RESPONSÁVEL DO PROJETO.