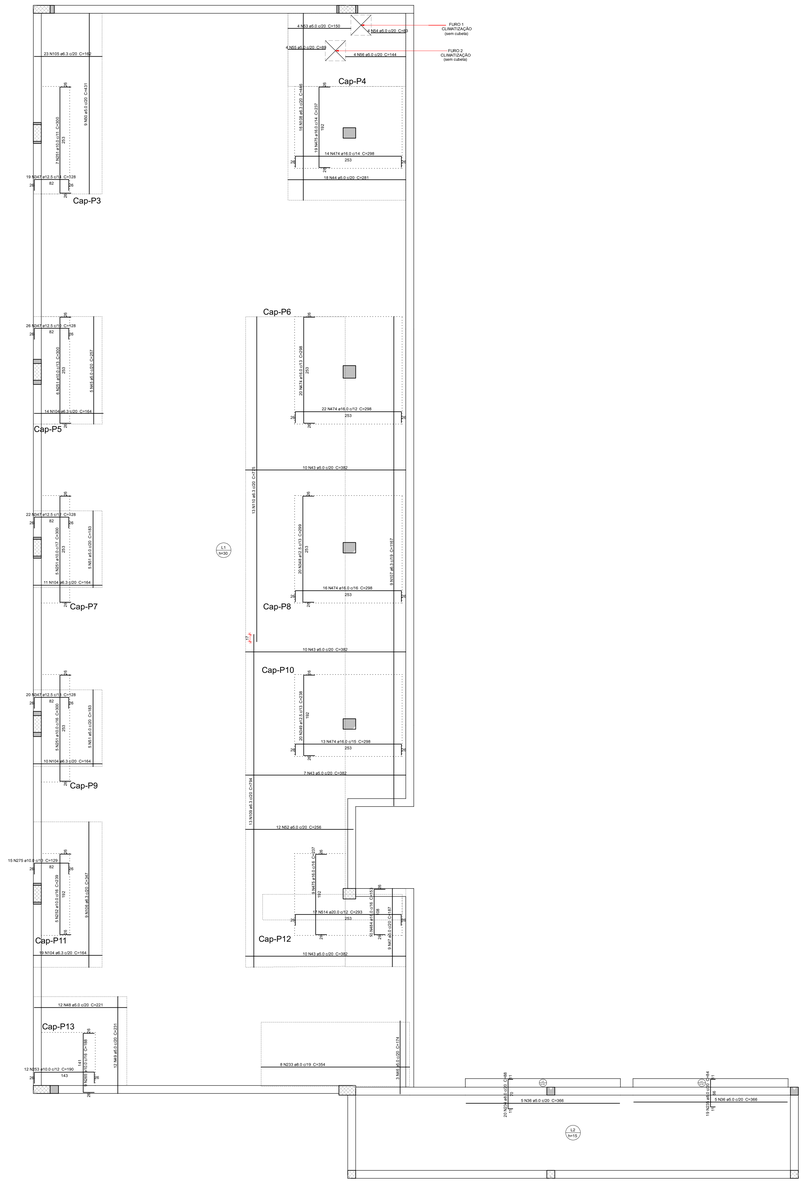
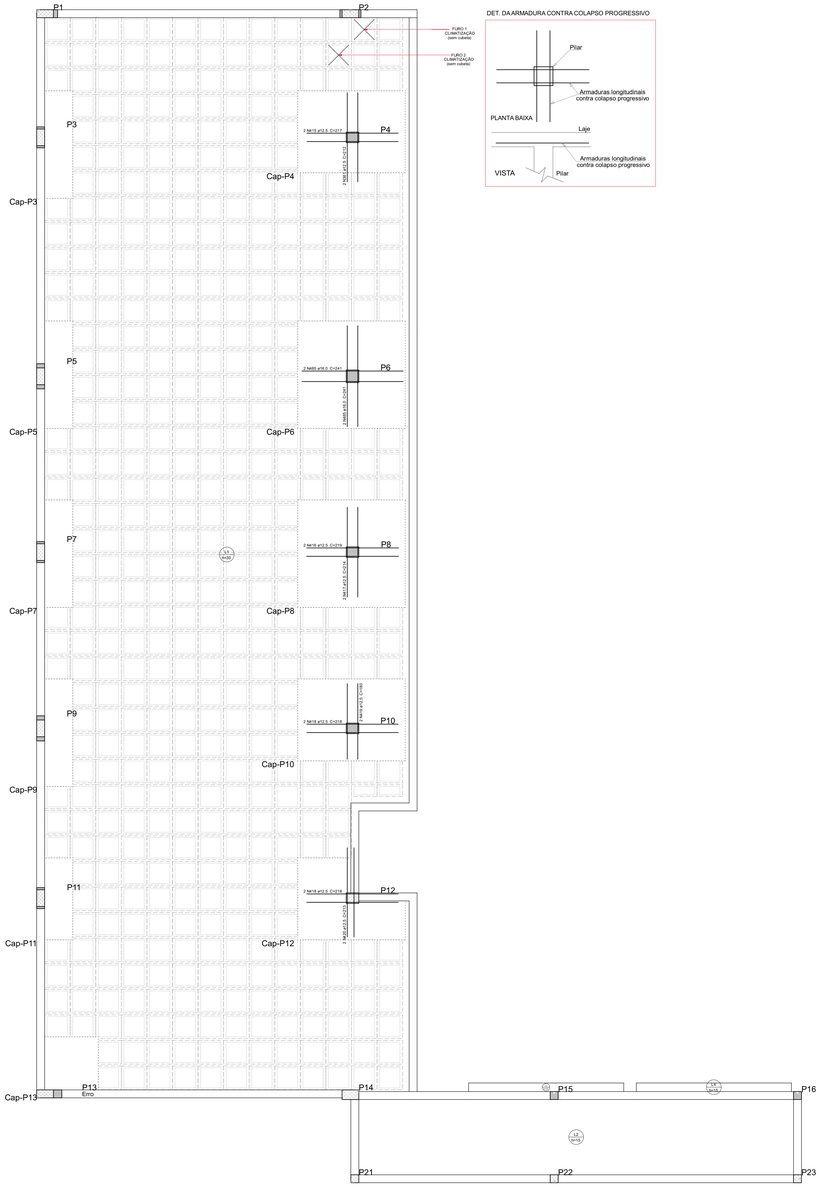


ARMAÇÃO NEGATIVA DAS LAJES DO PAVIMENTO COBERTURA
escala 1:50



DETALHAMENTO DE PUNÇÃO E CISALHAMENTO DAS LAJES DO PAVIMENTO COBERTURA (NÍVEL 761)
escala 1:50

DET. DA ARMADURA CONTRA COLAPSO PROGRESSIVO

Relação do aço

COBERTURA PLATIBANDA:	Negativos	Punção
	P1-P2	P1-P2
	P3-4	P3-P7
	V4-1	V4-2
	V4-3	V4-4
	V4-5	V4-6
	V4-7	V4-8
	V4-9	V4-10

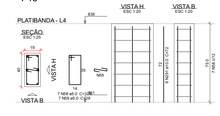
AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA50	43	5.0	37	380	14134
	44	5.0	18	281	5058
	45	5.0	5	257	1285
	46	5.0	5	257	1285
	47	5.0	9	187	1683
	48	5.0	12	221	2652
	49	5.0	12	231	2772
	50	5.0	9	431	3879
	51	5.0	12	257	3084
	52	5.0	12	256	3072
	53	5.0	4	150	600
	54	5.0	4	187	748
	55	5.0	4	89	356
	56	5.0	4	144	576
	36	5.0	10	369	3690
	57	5.0	1092	59	64428
	58	5.0	56	29	1624
	59	5.0	56	29	1624
	8	5.0	7	101	707
	9	5.0	7	93	651
	10	5.0	7	113	791
	39	5.0	7	13	91
	30	5.0	39	67	2613
CA50	104	6.3	84	164	8856
	105	6.3	84	164	8856
	106	6.3	9	347	3123
	107	6.3	9	1167	10503
	108	6.3	16	448	7136
	109	6.3	13	796	10322
	110	6.3	13	796	10322
	111	6.3	4	907	3628
	112	6.3	4	827	3708
	113	6.3	2	163	326
	114	6.3	2	163	326
	115	6.3	2	161	322
	116	6.3	2	168	336
	117	6.3	2	1077	2154
	118	6.3	4	1169	4676
	119	6.3	4	1199	4796
	77	8.0	8	1200	9600
	120	8.0	4	1199	4796
	121	8.0	4	1199	4796
	122	8.0	4	278	1112
	123	8.0	2	217	434
	124	8.0	2	224	448
	125	8.0	2	224	448
	126	8.0	2	241	482
	127	8.0	2	213	426
	128	8.0	2	217	434
	233	8.0	8	394	3152
	234	8.0	25	394	9850
	235	8.0	19	83	1598
	251	10.0	23	300	6900
	252	10.0	5	229	1145
	253	10.0	5	229	1145
	254	10.0	12	190	2280
	255	10.0	9	188	1692
	291	10.0	60	72	4320
	346	12.5	87	159	13833
	347	12.5	87	129	11226
	348	12.5	20	299	5980
	349	12.5	20	277	5540
	415	12.5	2	217	434
	361	12.5	2	212	424
	416	12.5	2	219	438
	417	12.5	2	214	428
	418	12.5	2	180	360
	419	12.5	2	180	360
	420	12.5	2	213	426
	474	16.0	85	299	25350
	475	16.0	28	232	6536
	476	16.0	4	241	964
	480	16.0	4	241	964
	514	20.0	17	283	4881

Resumo do aço

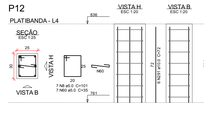
AÇO	DIAM (mm)	C.TOTAL (m)	PESO (kg)
CA50	5.0	1092.0	673.1
	6.3	819	284
	8.0	200.3	123.5
	10.0	344.8	212.6
	12.5	344.8	543.9
	16.0	49.9	122.8
CA60	5.0	1191.6	183.7
PESO TOTAL: (kg)			
CA50	1260		
CA60	183.7		

Volume de concreto (C-30) = 3.11 m³
Área de forma = 57.82 m²

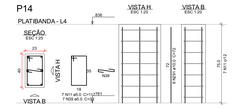
P1=P2=P3=P5=P7=P9=P11=
=P13



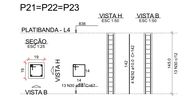
P12



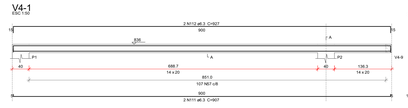
P14



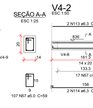
P21=P22=P23



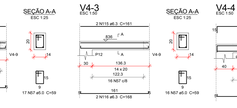
V4-1
ESC 1:50



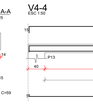
SEÇÃO A-A
ESC 1:25



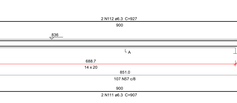
V4-2
ESC 1:50



SEÇÃO A-A
ESC 1:25



V4-3
ESC 1:50



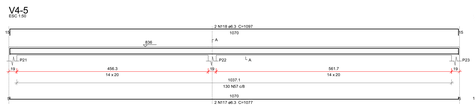
SEÇÃO A-A
ESC 1:25

V4-4
ESC 1:50

SEÇÃO A-A
ESC 1:25



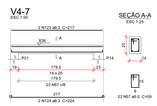
V4-5
ESC 1:50



SEÇÃO A-A
ESC 1:25



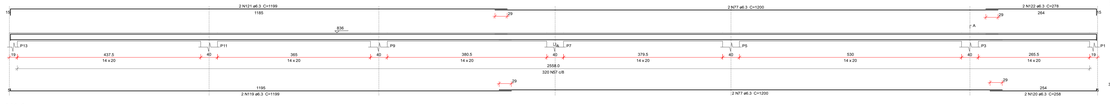
V4-7
ESC 1:50



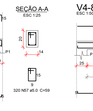
SEÇÃO A-A
ESC 1:25



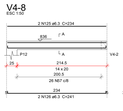
V4-6
ESC 1:50



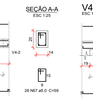
SEÇÃO A-A
ESC 1:25



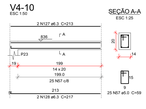
V4-8
ESC 1:50



SEÇÃO A-A
ESC 1:25



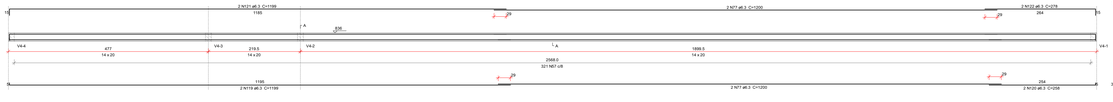
V4-10
ESC 1:50



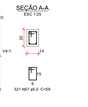
SEÇÃO A-A
ESC 1:25



V4-9
ESC 1:50



SEÇÃO A-A
ESC 1:25



Nº	Comentário	Data	Autor
0	Emissão inicial		PABLO VALLEJO

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CEP: 88.010.000 - Fone/Fax: (48) 3251-4800
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Projeto
ESTRUTURAL

Local
SESC – CANOINHAS – AMPLIAÇÃO E REFORMA
End. Av. Expedicionários nº2700, Canoinhas/SC

Obra
SESC – CANOINHAS – AMPLIAÇÃO E REFORMA

Conteúdo
DET LAJES DO PVTO COBERTURA
DET PILARES E VIGAS DO PVTO PLATIBANDA

Proprietário
SERVIÇO SOCIAL DO COMÉRCIO
CNPJ 03.603.595/0001-68

Resp. Técnico
ENG. CIVIL DILNEI DE FREITAS JACINTO
CREA/SC: 122.825-5

Carimbo e Assinatura

Carimbo e Assinatura

Autor do Projeto
ENG. CIVIL DILNEI DE FREITAS JACINTO
CREA/SC: 122.825-5

Assinatura

Folha nº
12
Total
12

Co-Autor do Projeto

Título	Revisão	Escala	Data
01_CAN_SESC_027	PABLO VALLEJO	Indicada	ABR/2026

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