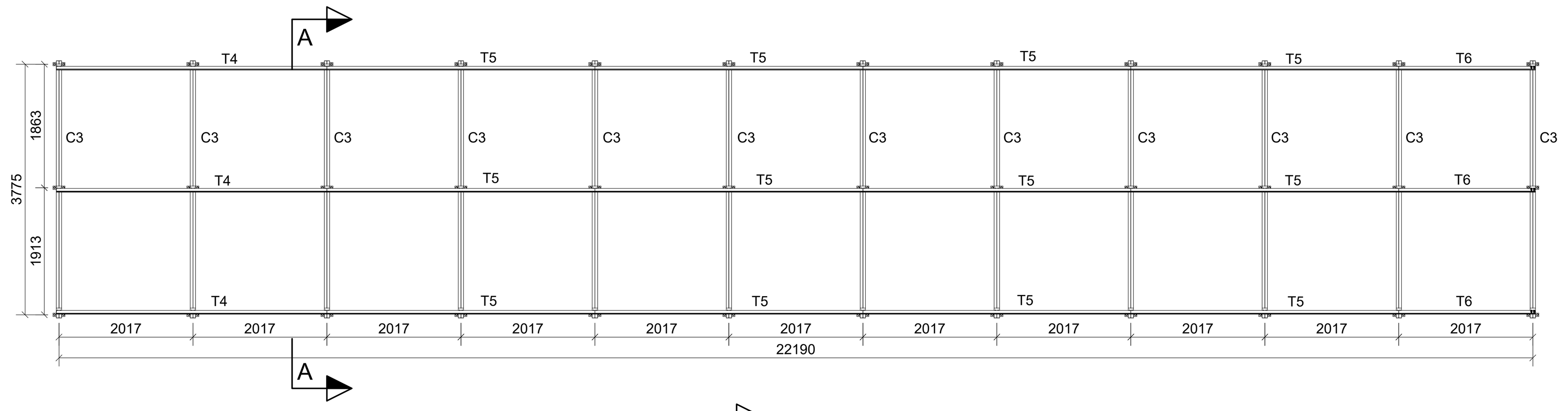
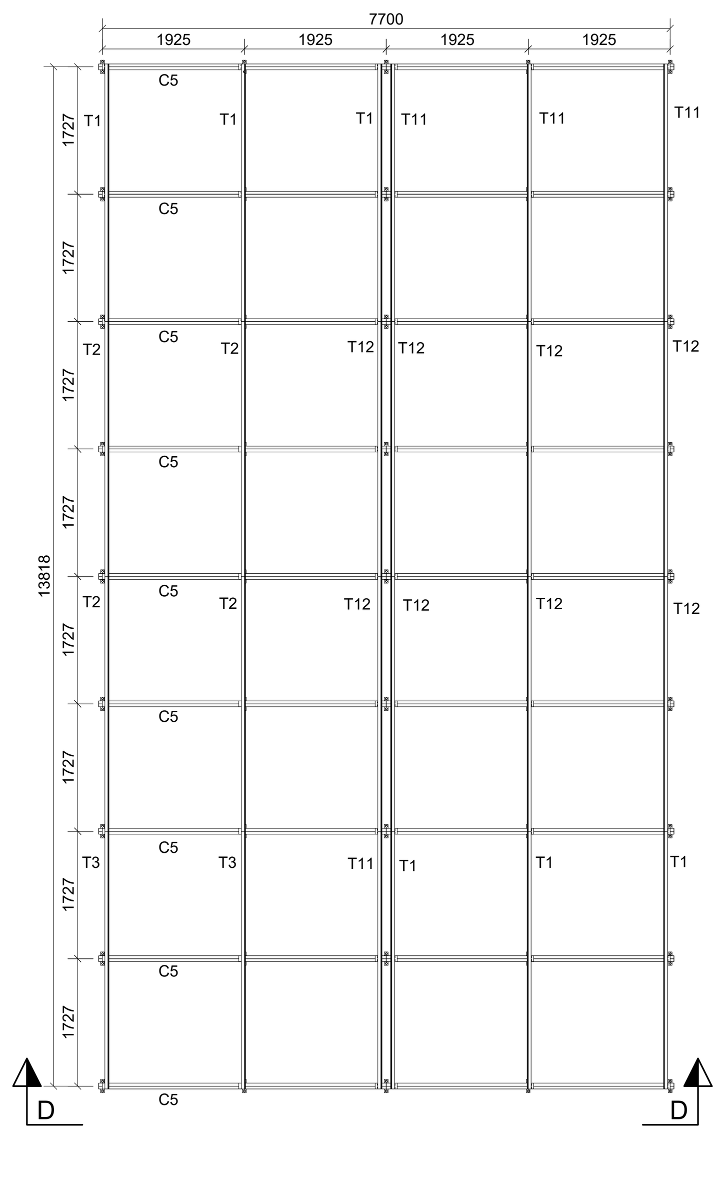
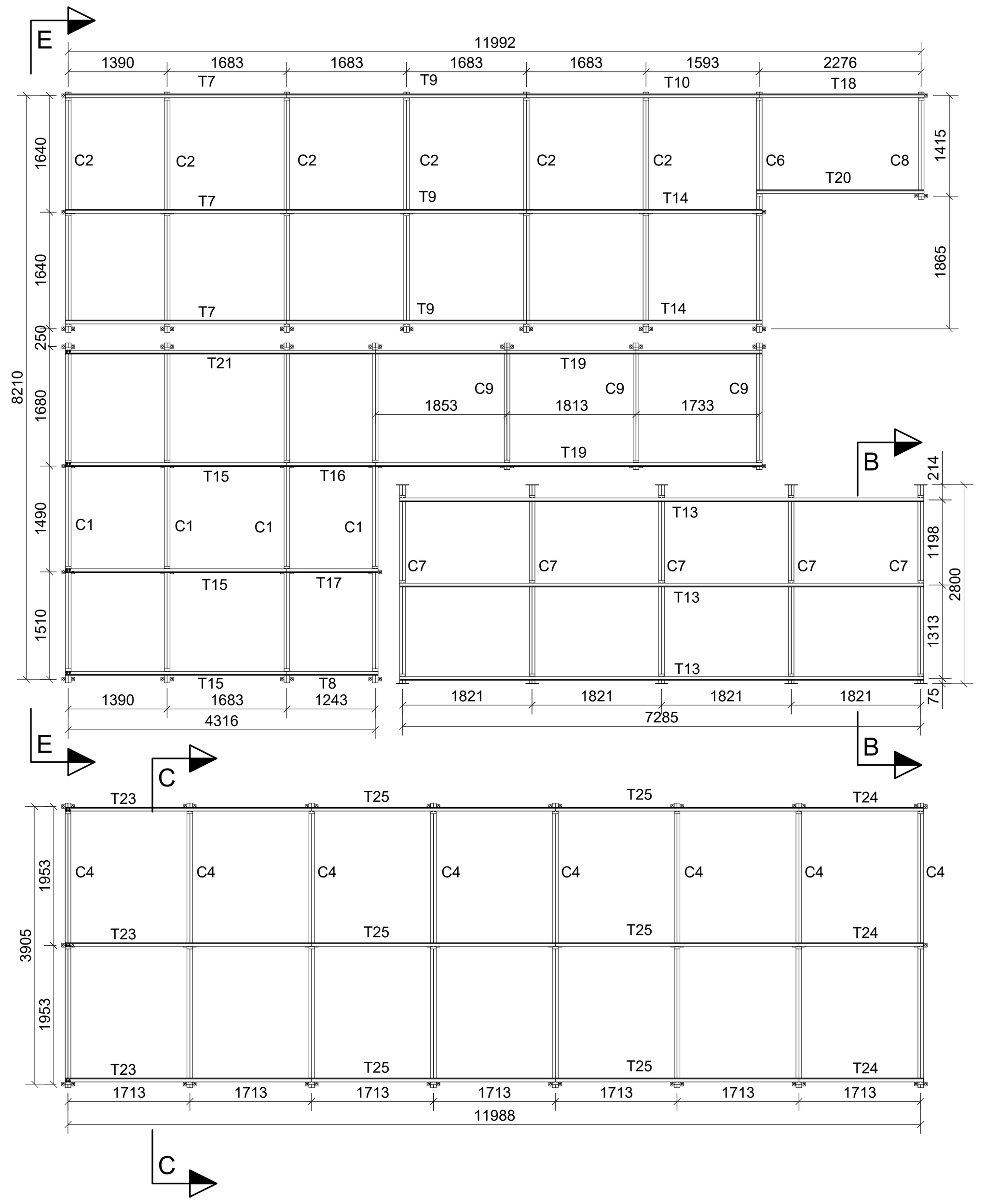
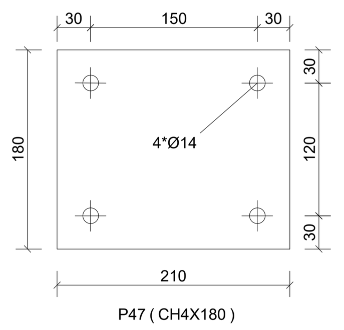
PROJETO ESTRUTURA METÁLICA - CONSTRUÇÃO DA UBS CRISTAIS
ESCALA INDICADA



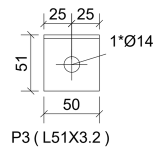




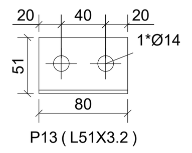
VISTA SUPERIOR
ESCALA 1:75



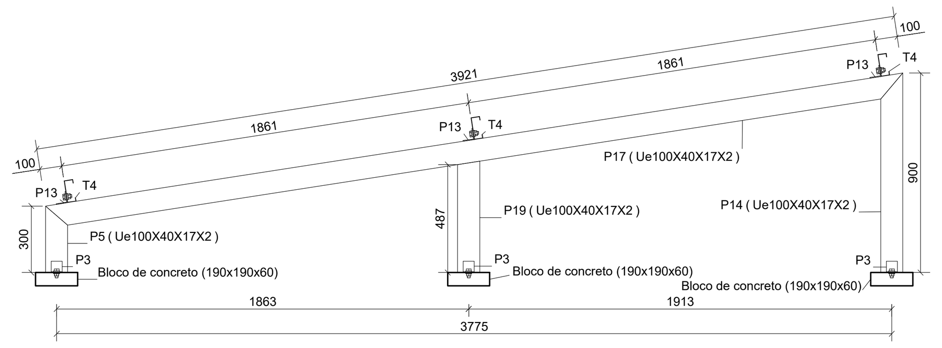
PEÇA P47
ESCALA 1:5



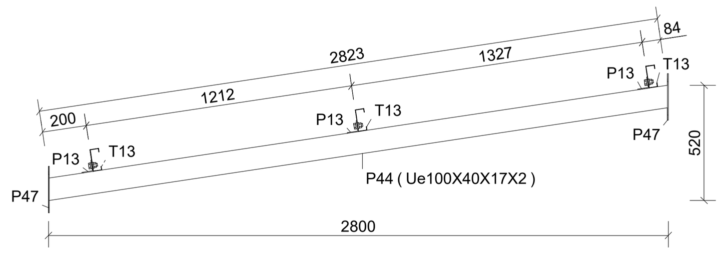
PEÇA P3
ESCALA 1:5



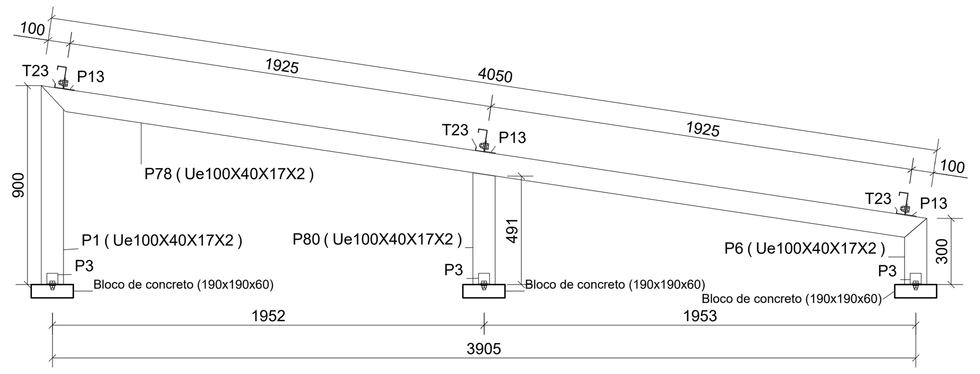
PEÇA P13
ESCALA 1:5



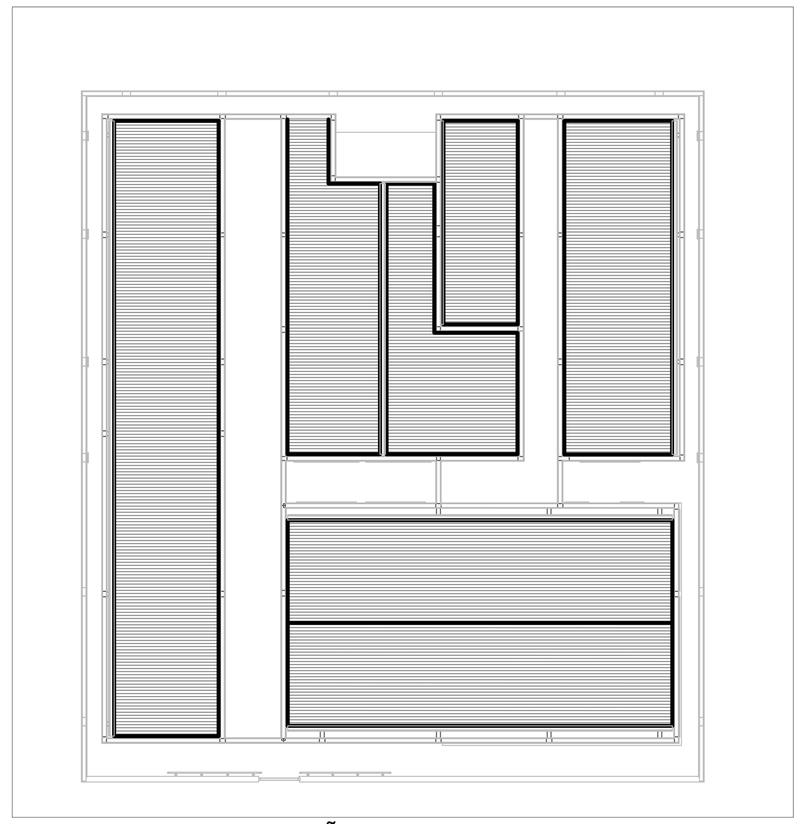
CORTE A - A
ESCALA 1:20



CORTE B - B
ESCALA 1:25



CORTE C - C
ESCALA 1:25



CROQUI DE LOCALIZAÇÃO
ESCALA 1:200

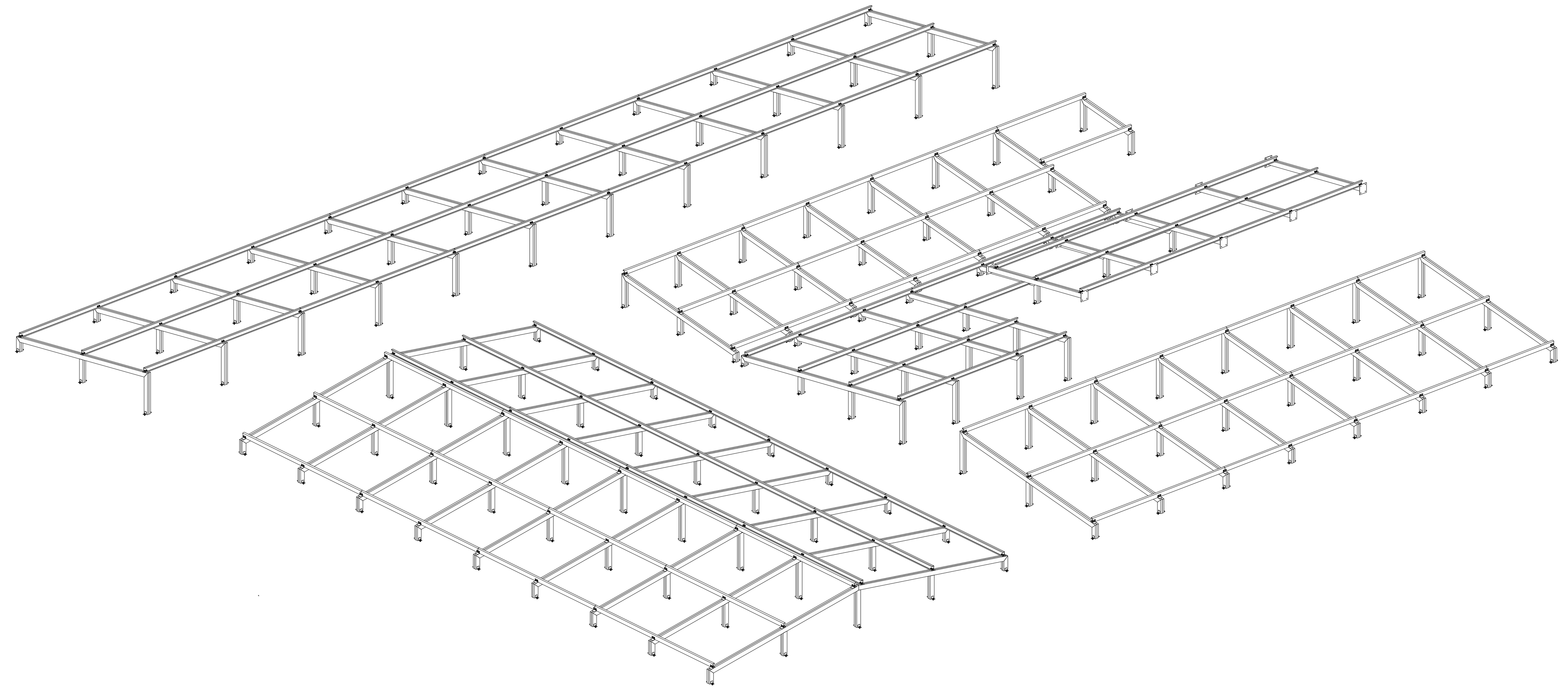
TELHA TRAPEZOIDAL (40/980 e = 0,43 MM): 318,35 m²;
40x CHUMBADORES MEC. Ø1/2" x 3" (Fixação das vigas a parede - Corte B-B)
864x CHUMBADORES MEC. Ø3/8" x 3 1/2" (Fixação dos pilares ao chão)
350x PORCAS Ø1/2" (ASTM A194 2H)
350x PARAFUSOS Ø1/2" x 1 1/4" (ASTM A325)
700x ARRUELAS Ø1/2

LISTA DE MATERIAL

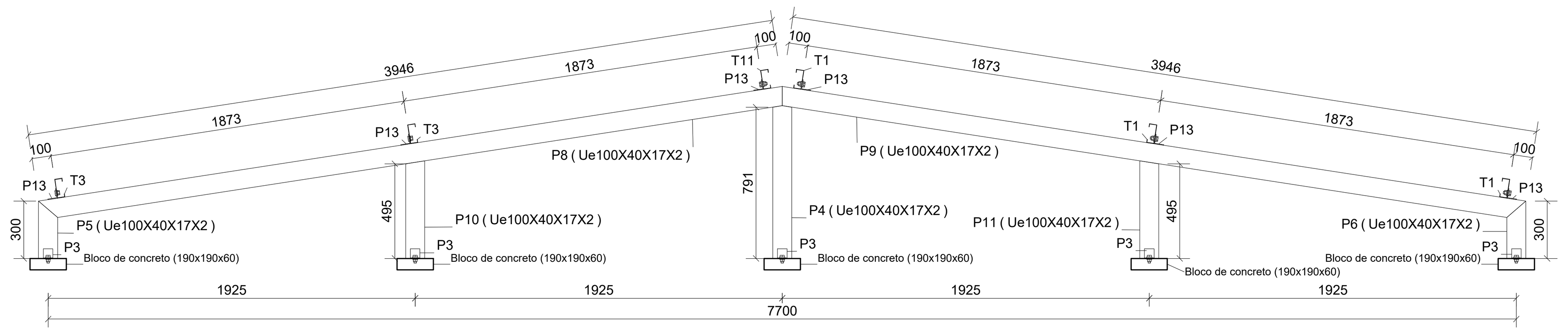
POS	QTD	DESCRIÇÃO	COMP.(mm)	MATERIAL	PESO (kgf) UNIT.	PESO (kgf) TOTAL	SUP. (m2)
C6	1	CONJUNTO 6			31.1	31.1	3.9
P3	6	L51X3.2	50	A36	0.1	0.7	0.0
P13	4	L51X3.2	80	A36	0.2	0.8	0.0
P23	1	C100X40X17X2	199	SAE_1020	0.6	0.6	0.1
P25	1	C100X40X17X2	199	SAE_1020	0.6	0.6	0.1
P27	1	C100X40X17X2	707	SAE_1020	2.2	2.2	0.3
P28	1	C100X40X17X2	707	SAE_1020	2.2	2.2	0.3
P31	1	C100X40X17X2	3417	SAE_1020	10.8	10.8	1.4
P32	1	C100X40X17X2	3417	SAE_1020	10.8	10.8	1.4
P37	1	C100X40X17X2	359	SAE_1020	1.1	1.1	0.1
P38	1	C100X40X17X2	359	SAE_1020	1.1	1.1	0.1
C7	4	CONJUNTO 7			10.7	104.4	7.2
P13	15	L51X3.2	80	A36	0.2	2.9	0.1
P45	5	C100X40X17X2	2838	SAE_1020	9.0	44.75	6.0
P44	5	C100X40X17X2	2838	SAE_1020	9.0	44.75	0.6
P47	10	CH4X180	210	A36	1.2	12.00	0.5
C8	1	CONJUNTO 8			18.0	18.0	2.2
P3	4	L51X3.2	50	A36	0.1	0.5	0.0
P7	1	C100X40X17X2	1532	SAE_1020	4.8	4.8	0.6
P13	2	L51X3.2	80	A36	0.2	0.4	0.0
P15	1	C100X40X17X2	1532	SAE_1020	4.8	4.8	0.6
P20	1	C100X40X17X2	479	SAE_1020	1.5	1.5	0.2
P21	1	C100X40X17X2	479	SAE_1020	1.5	1.5	0.2
P27	1	C100X40X17X2	707	SAE_1020	2.2	2.2	0.3
P28	1	C100X40X17X2	707	SAE_1020	2.2	2.2	0.3
C9	3	CONJUNTO 9			16.4	49.3	5.9
P3	12	L51X3.2	50	A36	0.1	1.5	0.0
P13	6	L51X3.2	80	A36	0.2	1.2	0.1
P33	3	C100X40X17X2	199	SAE_1020	0.6	1.9	0.2
P35	3	C100X40X17X2	199	SAE_1020	0.6	1.9	0.2
P40	3	C100X40X17X2	1799	SAE_1020	5.7	17.0	2.1
P41	3	C100X40X17X2	1799	SAE_1020	5.7	17.0	2.1
P42	3	C100X40X17X2	466	SAE_1020	1.5	4.4	0.5
P43	3	C100X40X17X2	467	SAE_1020	1.5	4.4	0.5
TERÇA							
T1	6	C100X40X17X2	3494	SAE_1020	11.0	66.2	8.7
T2	4	C100X40X17X2	3454	SAE_1020	10.9	43.6	5.8
T3	2	C100X40X17X2	3494	SAE_1020	11.0	22.1	2.9
T4	3	C100X40X17X2	4074	SAE_1020	12.9	38.6	5.1
T5	12	C100X40X17X2	4034	SAE_1020	12.7	152.8	20.2
T6	3	C100X40X17X2	2057	SAE_1020	6.5	19.5	2.6
T7	3	C100X40X17X2	3112	SAE_1020	9.8	29.5	3.9
T8	1	C100X40X17X2	1282	SAE_1020	4.0	4.0	0.5
T9	3	C100X40X17X2	3366	SAE_1020	10.6	31.9	4.2
T10	1	C100X40X17X2	3275	SAE_1020	10.3	10.3	1.4
T11	4	C100X40X17X2	3494	SAE_1020	11.0	44.1	5.8
T12	8	C100X40X17X2	3454	SAE_1020	10.9	87.2	11.5
T13	3	C100X40X17X2	7364	SAE_1020	23.2	69.7	9.2
T14	2	C100X40X17X2	3315	SAE_1020	10.5	20.9	2.8
T15	3	C100X40X17X2	3112	SAE_1020	9.8	29.5	3.9
T16	1	C100X40X17X2	1242	SAE_1020	3.9	3.9	0.5
T17	1	C100X40X17X2	1282	SAE_1020	4.0	4.0	0.5
T18	1	C100X40X17X2	2316	SAE_1020	7.3	7.3	1.0
T19	2	C100X40X17X2	5440	SAE_1020	17.2	34.3	4.5
T20	1	C100X40X17X2	2356	SAE_1020	7.4	7.4	1.0
T21	1	C100X40X17X2	4355	SAE_1020	13.7	13.7	1.8
T23	3	C100X40X17X2	3465	SAE_1020	10.9	32.8	4.3
T24	3	C100X40X17X2	1752	SAE_1020	5.5	16.6	2.2
T25	6	C100X40X17X2	3425	SAE_1020	10.8	64.9	8.6
PESO TOTAL =		3615.7 kg		SUPERFÍCIE A TRATAR:		461.8 m²	

LISTA DE MATERIAL

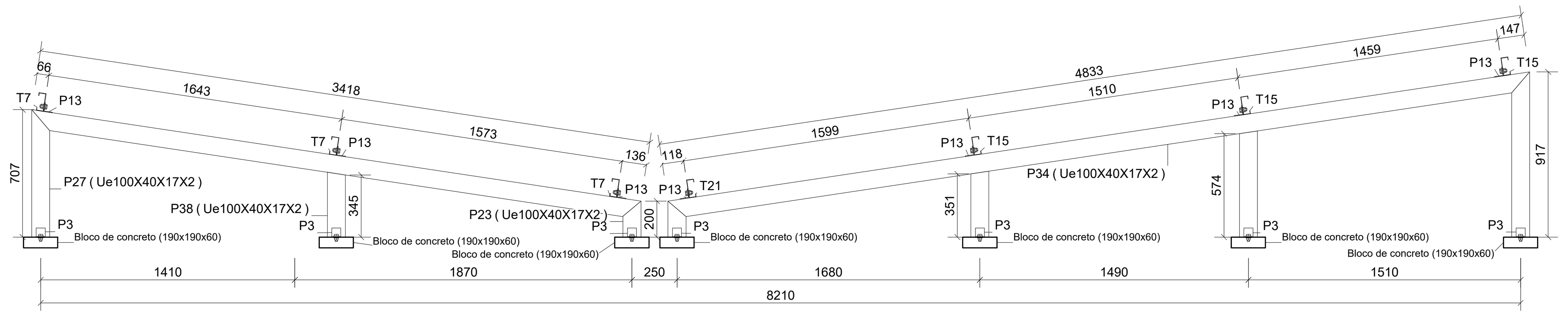
POS	QTD	DESCRIÇÃO	COMP.(mm)	MATERIAL	PESO (kgf) UNIT.	PESO (kgf) TOTAL	SUP. (m2)
C1	4	CONJUNTO 1			45.3	181.3	22.9
P3	32	L51X3.2	50	A36	0.1	3.9	0.0
P13	16	L51X3.2	80	A36	0.2	3.1	0.1
P22	4	C100X40X17X2	4833	SAE_1020	15.3	61.0	7.9
P24	4	C100X40X17X2	589	SAE_1020	1.9	7.4	1.0
P26	4	C100X40X17X2	589	SAE_1020	1.9	7.4	1.0
P29	4	C100X40X17X2	365	SAE_1020	1.2	4.6	0.6
P30	4	C100X40X17X2	365	SAE_1020	1.2	4.6	0.6
P33	4	C100X40X17X2	199	SAE_1020	0.6	2.5	0.3
P34	4	C100X40X17X2	4833	SAE_1020	15.3	61.0	7.9
P35	4	C100X40X17X2	199	SAE_1020	0.6	2.5	0.3
P36	4	C100X40X17X2	916	SAE_1020	2.9	11.6	1.4
P39	4	C100X40X17X2	916	SAE_1020	2.9	11.6	1.4
C2	6	CONJUNTO 2			30.9	185.3	23.1
P3	36	L51X3.2	50	A36	0.1	4.4	0.1
P13	18	L51X3.2	80	A36	0.2	3.5	0.1
P23	6	C100X40X17X2	199	SAE_1020	0.6	3.8	0.4
P25	6	C100X40X17X2	199	SAE_1020	0.6	3.8	0.4
P27	6	C100X40X17X2	707	SAE_1020	2.2	13.4	1.6
P28	6	C100X40X17X2	706	SAE_1020	2.2	13.4	1.6
P31	6	C100X40X17X2	3417	SAE_1020	10.8	64.7	8.3
P32	6	C100X40X17X2	3417	SAE_1020	10.8	64.7	8.3
P37	6	C100X40X17X2	359	SAE_1020	1.1	6.8	0.9
P38	6	C100X40X17X2	359	SAE_1020	1.1	6.8	0.9
C3	12	CONJUNTO 3			36.8	441.7	55.5
P3	72	L51X3.2	50	A36	0.1	8.8	0.1
P5	12	C100X40X17X2	300	SAE_1020	0.9	11.4	1.3
P6	12	C100X40X17X2	300	SAE_1020	0.9	11.4	1.3
P12	12	C100X40X17X2	900	SAE_1020	2.8	34.1	4.2
P13	36	L51X3.2	80	A36	0.2	7.0	0.2
P14	12	C100X40X17X2	900	SAE_1020	2.8	34.1	4.2
P16	12	C100X40X17X2	3921	SAE_1020	12.4	148.5	19.1
P17	12	C100X40X17X2	3921	SAE_1020	12.4	148.5	19.1
P18	12	C100X40X17X2	502	SAE_1020	1.6	19.0	2.5
P19	12	C100X40X17X2	502	SAE_1020	1.6	19.0	2.5
C4	8	CONJUNTO 4			37.6	301.1	37.9
P1	8	C100X40X17X2	899	SAE_1020	2.8	22.7	2.8
P2	8	C100X40X17X2	899	SAE_1020	2.8	22.7	2.8
P3	48	L51X3.2	50	A36	0.1	5.8	0.1
P5	8	C100X40X17X2	300	SAE_1020	0.9	7.6	0.9
P6	8	C100X40X17X2	300	SAE_1020	0.9	7.6	0.9
P13	24	L51X3.2	80	A36	0.2	4.7	0.1
P77	8	C100X40X17X2	4049	SAE_1020	12.8	102.2	13.1
P78	8	C100X40X17X2	4049	SAE_1020	12.8	102.2	13.1
P79	8	C100X40X17X2	506	SAE_1020	1.6	12.8	1.7
P80	8	C100X40X17X2	506	SAE_1020	1.6	12.8	1.7
C5	9	CONJUNTO 5			67.5	607.2	77.7
P3	90	L51X3.2	50	A36	0.1	11.0	0.1
P4	18	C100X40X17X2	798	SAE_1020	2.5	45.4	3.0
P5	18	C100X40X17X2	300	SAE_1020	0.9	17.0	1.0
P6	18	C100X40X17X2	300	SAE_1020	0.9	17.0	1.0
P8	18	C100X40X17X2	3945	SAE_1020	12.5	224.1	14.6
P9	18	C100X40X17X2	3945	SAE_1020	12.5	224.1	14.6
P10	18	C100X40X17X2	510	SAE_1020	1.6	29.0	1.9
P11	18	C100X40X17X2	510	SAE_1020	1.6	29.0	1.9
P13	54	L51X3.2	80	A36	0.2	10.5	0.2



VISTA 3D
ESCALA 1:75



CORTE D - D
ESCALA 1:25



CORTE E - E
ESCALA 1:25

NOTAS:
COTAS EM MILÍMETROS;
PERFIS SOLDADOS COM ELETRODO E70XX.

REVISÃO:	DATA :	DESCRIÇÃO:	RESP.:
REV. 01	08/11/24	ALTERAÇÕES CONFORME VIGILÂNCIA SANITÁRIA	DAC
REV. 00	20/05/24	EMISSÃO INICIAL	DAC

CLIENTE

Prefeitura Municipal de Pouso Alegre

PROJETO

DAC engenharia
Rua Cel. Joaquim Francisco, 341, Bairro Varginha
CEP: 37501-052 - Itajubá / MG
Tel: (35) 2143 - 9087
www.dacengenharia.com.br

COORDENAÇÃO
RAFAEL BARBOSA CARREIRA:39942181873
Assinado digitalmente por RAFAEL BARBOSA CARREIRA:39942181873
ND: C=BR, O=ICP-Brasil, OU=Secretaria da Receita Federal do Brasil - RFB, OU=RFB e-CPF A3, OU=(EM BRANCO), OU=11392696000165, OU=presencial, CN=RAFAEL BARBOSA CARREIRA:39942181873
Razão: Eu sou o autor deste documento
Localização:
Foxit PDF Reader Versão: 2024.2.2
RAFAEL BARBOSA CARREIRA CAU: 00A155411-5

RESPONSÁVEL TÉCNICO E AUTOR
ALOISIO CAETANO FERREIRA:21653939818
Assinado digitalmente por ALOISIO CAETANO FERREIRA:21653939818
ND: C=BR, O=ICP-Brasil, OU=Secretaria da Receita Federal do Brasil - RFB, OU=RFB e-CPF A3, OU=(EM BRANCO), OU=21545437000180, OU=presencial, CN=ALOISIO CAETANO FERREIRA:21653939818
Razão: Eu sou o autor deste documento
Localização:
Data: 2024.11.08 09:49:53-03'00'
Foxit PDF Reader Versão: 2024.2.2
ALOISIO CAETANO FERREIRA CREA: MG-97.132/D

EMPREENDIMENTO
CONSTRUÇÃO DA UBS CRISTAIS

ENDEREÇO
RUA ROBERTO SCODELER, S/N, BAIRRO BELLA ITÁLIA
POUSO ALEGRE - MINAS GERAIS

DISCIPLINA
METÁLICA

FASE DO PROJETO
EXECUTIVO

ASSUNTO
COBERTURA EM ESTRUTURA METÁLICA
VISTA E DETALHES TIPÍCOS DOS PERFIS
LISTA DE MATERIAS

FOLHA Nº.
01/01

DATA INICIAL	ESCALA	REVISÃO	ARQUIVO
20/05/2024	INDICADA	R01	DAC-PMPA-CRIS-PE-MET-R01.DWG