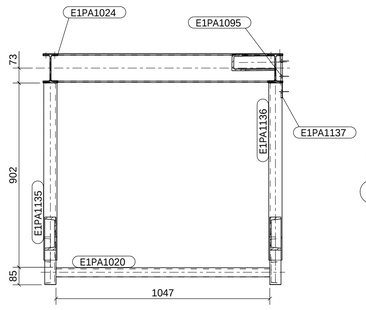
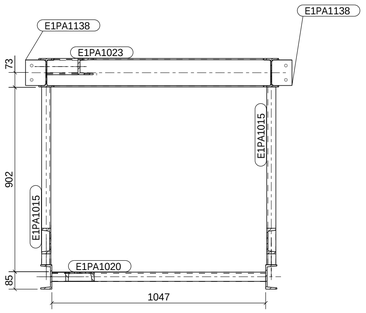
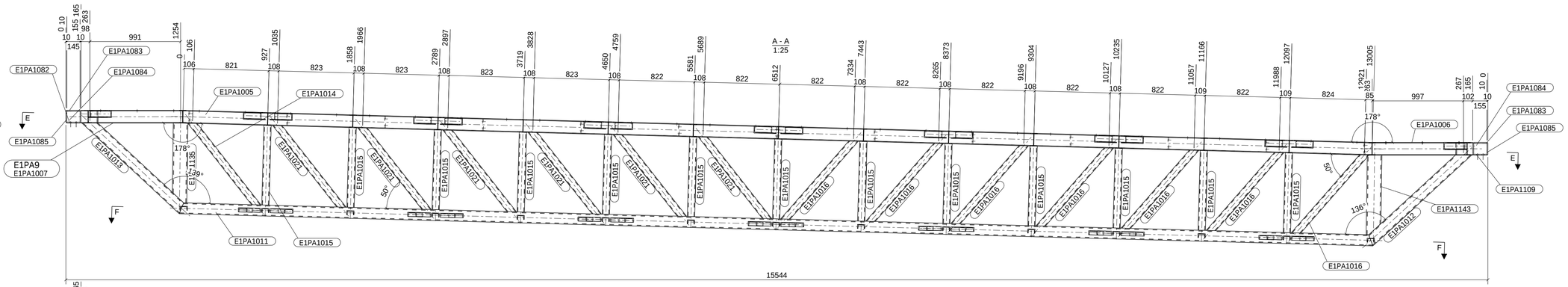
C - C
1:15



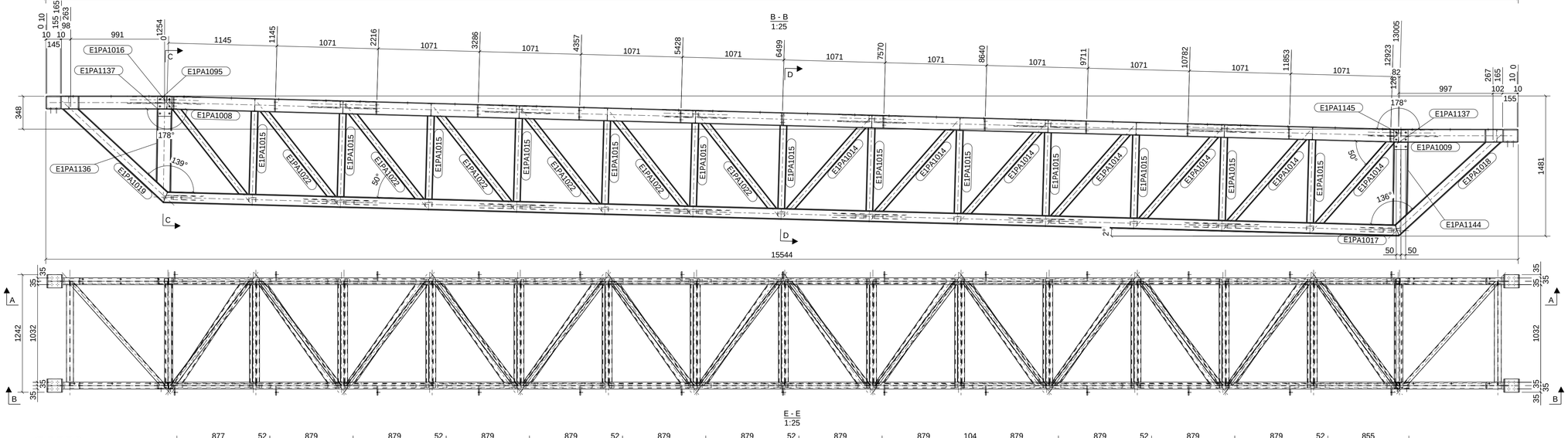
D - D
1:15



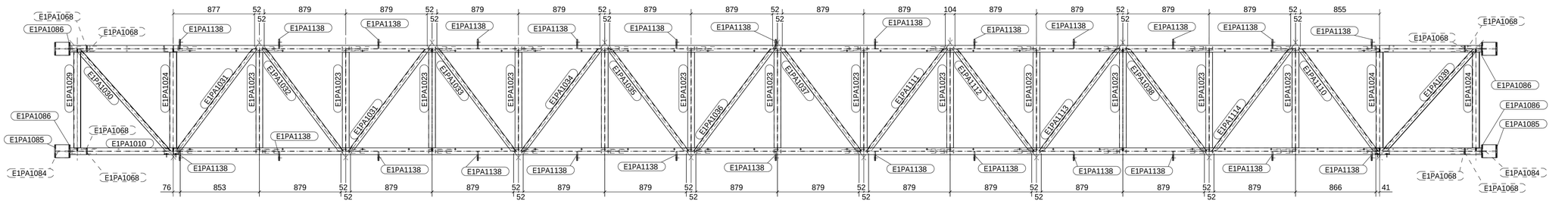
A - A
1:25



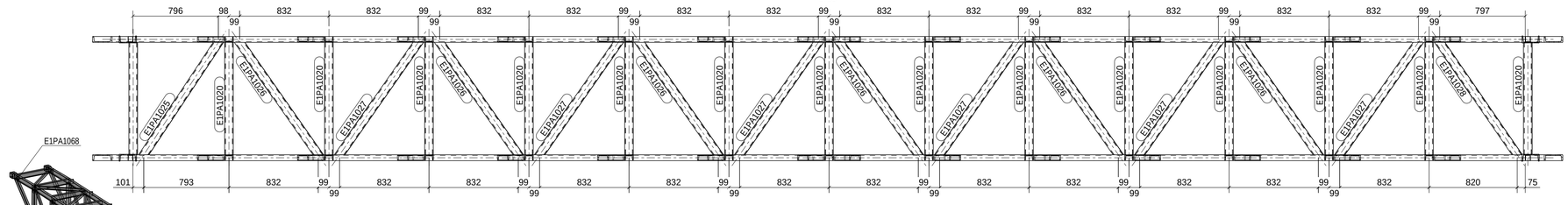
B - B
1:25

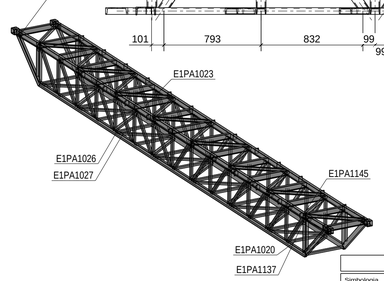


E - E
1:25



F - F
1:25





Conjunto			Qtd. Total de Conjuntos	Peso Total	Peso Conjunto
E1PA9			1 Un.	2110.61 Kg	2110.61 Kg
Peça	Qtd	Perfil	Comprimento (mm)	Kg/Peça	Kg Total
E1PA1005	1	IPE140	13007	168.10	168.10
E1PA1006	1	IPE140	1100	14.21	14.21
E1PA1007	1	IPE140	1115	14.40	14.40
E1PA1008	1	IPE140	13007	168.10	168.10
E1PA1009	1	IPE140	1100	14.21	14.21
E1PA1010	1	IPE140	1115	14.40	14.40
E1PA1011	1	UPN120	13053	173.65	173.65
E1PA1012	1	UPN120	1464	18.35	18.35
E1PA1013	1	UPN120	1453	18.24	18.24
E1PA1014	1	UPN80	1197	9.80	9.80
E1PA1014	3	UPN80	1197	9.79	29.38
E1PA1014	4	UPN80	1196	9.79	39.17
E1PA1015	2	UPN80	869	7.53	15.07
E1PA1015	24	UPN80	870	7.54	180.91
E1PA1016	1	UPN80	1197	9.80	9.80
E1PA1016	3	UPN80	1197	9.79	29.38
E1PA1016	4	UPN80	1196	9.79	39.17
E1PA1017	1	UPN120	13053	173.65	173.65
E1PA1018	1	UPN120	1464	18.35	18.35
E1PA1019	1	UPN120	1453	18.24	18.24
E1PA1020	15	UPN80	1047	9.07	136.10
E1PA1021	2	UPN80	1198	9.80	19.61
E1PA1021	4	UPN80	1198	9.81	39.22
E1PA1022	2	UPN80	1198	9.80	19.61
E1PA1022	4	UPN80	1198	9.81	39.22
E1PA1023	2	IPE140	1095	13.61	27.21
E1PA1023	11	IPE140	1095	13.22	145.40
E1PA1024	3	IPE140	1095	13.60	40.79
E1PA1025	1	UPN80	1310	10.89	10.89
E1PA1026	6	UPN80	1334	11.07	66.44
E1PA1027	6	UPN80	1334	11.07	66.44
E1PA1028	1	UPN80	1327	11.02	11.02
E1PA1029	1	IPE140	1095	13.60	13.60
E1PA1030	1	UPN80	1490	12.43	12.43
E1PA1031	2	UPN80	1406	11.65	23.30
E1PA1032	1	UPN80	1406	11.65	11.65
E1PA1033	1	UPN80	1406	11.45	11.45
E1PA1034	1	UPN80	1406	11.47	11.47
E1PA1035	1	UPN80	1406	11.48	11.48
E1PA1036	1	UPN80	1406	11.47	11.47
E1PA1037	1	UPN80	1406	11.46	11.46
E1PA1038	1	UPN80	1406	11.47	11.47
E1PA1039	1	UPN80	1493	12.47	12.47
E1PA1068	8	PL10X29.1	125	0.28	2.26
E1PA1082	2	BARRA10X140	145	1.59	3.19
E1PA1083	4	BARRA10X140	145	1.59	6.37
E1PA1084	4	BARRA10X120	145	1.37	5.46
E1PA1085	4	BARRA10X140	132	1.45	5.80
E1PA1086	4	BARRA10X140	130	1.43	5.71
E1PA1095	1	PL8X127.6	128	1.19	1.19
E1PA1109	2	BARRA10X140	145	1.59	3.19
E1PA1110	1	UPN80	1396	11.39	11.39
E1PA1111	1	UPN80	1406	11.45	11.45
E1PA1112	1	UPN80	1406	11.46	11.46
E1PA1113	1	UPN80	1406	11.47	11.47
E1PA1114	1	UPN80	1406	11.46	11.46
E1PA1135	1	UPN160	871	15.48	15.48
E1PA1136	1	UPN160	872	15.50	15.50
E1PA1137	2	PL8X76.3	143	0.67	1.34
E1PA1138	26	PL10X99.1	125	0.97	25.20
E1PA1143	1	UPN160	871	15.37	15.37
E1PA1144	1	UPN160	871	15.37	15.37
E1PA1145	1	PL8X127.5	127	1.19	1.19

Execução de Solduras de Topo

Simbologia	Pormenor	Simbologia	Pormenor	Simbologia	Pormenor
	e < 6mm		e >15mm		e <15mm
	6 < e <15mm		e >15mm		e >15mm

Execução de Solduras de Ângulo

Simbologia	Pormenor	Simbologia	Pormenor
	a=Menor(0,5e1;0,5e2)		a=Menor(0,5e1;0,5e2)
	a=Menor(0,5e1;0,5e2)		

Tipo de Soldadura		EXC2	EXC3
EXC3 - EN ISO 5817-B		100%	-
EXC2 - EN ISO 5817-C		-	100%
Verificacao das Solduras (EN ISO 17635)			
RT	Soldadura Topo a Topo < 8mm	10%	20%
US	Soldadura Topo a Topo > 8mm	10%	20%
LP/PM	Soldadura de Ângulo com a<12mm ou t<30mm	5%	10%
	Soldadura de Ângulo com a<12mm e t<30mm	0%	5%

Dados do Fabrico	
Tolerâncias Dimensionais: EN 1090-2-D2-Classe 1	
Tratamento de Superficie	
Grau Preparação P1 - EN ISO 8501-3	☐- Galvanização
Grau Decapagem - SA 2 1/2 EN ISO 8503-1	☐- Pintura
	☐- Metalização

Dados da Operação			
Operação	Operador	Data	LOTE
Armação			
Soldadura			

SANTOS & SMULDERS
CONTROLO SOLDADURA

Ref.ª	Imperfeição / Garganta (a)	Aceitação

Data
Observador

SANTOS & SMULDERS
CONTROLO DIMENSIONAL

Ref.ª	Dimensão	Aceitação

Data
Observador

Quadro de Materiais	
Classe de Execução:	EXC2
Perfis Laminados:	S275JR
Perfis Enformados:	S280GD
Parafusos:	Classe 8.8
Pernos de Amarração:	Classe 8.8

Referência:	Data:	Escala	Unidades	Folha	Revisão
20010	25.08.2020	1:15 1:25	1:75 [mm]	A1	0

Fase: PASSADIÇO

Nº Desenho: [E1PA.9]

Tekla Structures