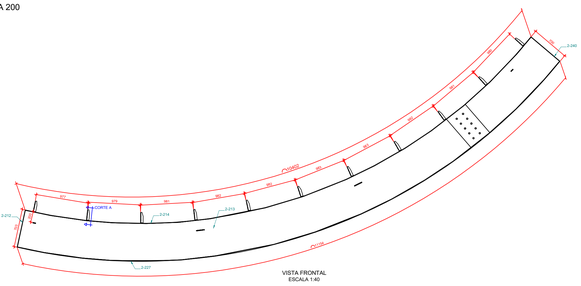
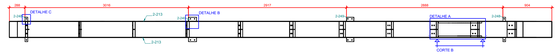
TESOURA 200

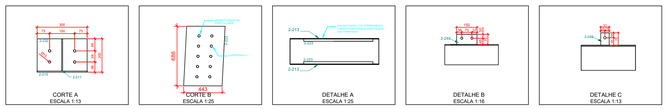


VISTA FRONTAL
ESCALA 1:40

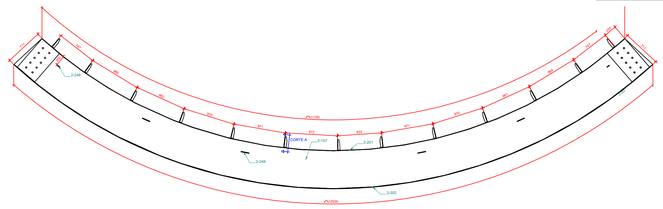
MARCA	QTD.	BITOLA	DIMENSÃO	MATERIAL	P. UNIT.	P. TOTAL
	8	TES200			1.245,57	9.964,56
2-214	1	CH6.35	300X10402	A36	315,55	315,55
2-213	2	CH6.35	300X6283	A36	369,52	739,04
2-207	1	CH6.35	300x10402	A36	315,55	315,55
2-240	1	CH6.35	200X150	A36	15,80	15,80
2-212	1	CH4.76	290X700	A36	7,61	7,61
2-232	11	CH6.35	300X200	A36	2,99	32,89
2-211	11	CH6.35	300X40	A36	0,59	6,49
2-211	11	CH6.35	1940X40	A36	0,94	3,74
2-233	2	CH25.4	350X445	A36	60,70	121,40
2-249	4	CH9.53	150X75	A36	0,84	3,36
2-248	4	CH9.53	75X50	A36	0,28	1,12
					PESO TOTAL	9.964,56



VISTA LATERAL
ESCALA 1:40

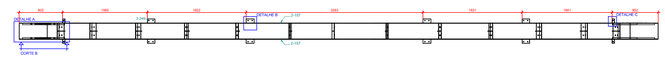


TESOURA 201

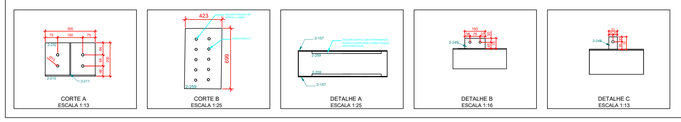


VISTA FRONTAL
ESCALA 1:40

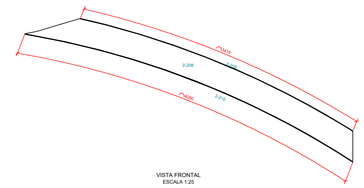
MARCA	QTD.	BITOLA	DIMENSÃO	MATERIAL	P. UNIT.	P. TOTAL
	4	TES201			2.108,51	8.433,40
2-257	2	CH6.35	1177X2972	A36	407,68	815,36
2-232	13	CH6.35	300X200	A36	2,99	38,87
2-211	13	CH6.35	300X40	A36	0,59	7,67
2-202	1	CH6.35	300X12928	A36	195,49	195,49
2-201	1	CH6.35	300X11785	A36	176,24	176,24
2-248	4	CH9.53	75X50	A36	0,28	1,12
2-249	8	CH9.53	75X150	A36	0,84	6,72
2-259	4	CH25.4	450X423	A36	58,68	234,72
2-211	13	CH6.35	1940X40	A36	0,32	4,16
					PESO TOTAL	8.033,40



VISTA LATERAL
ESCALA 1:40



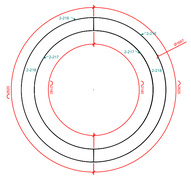
TESOURA 202



VISTA FRONTAL
ESCALA 1:25

MARCA	QTD.	BITOLA	DIMENSÃO	MATERIAL	P. UNIT.	P. TOTAL
	16	TES202			224,98	3.599,68
2-210	1	CH6.35	300x4105	A36	61,39	61,39
2-209	1	CH6.35	300x3432	A36	51,33	51,33
2-208	2	CH6.35	4076x548	A36	56,13	112,26
					PESO TOTAL	3.599,68

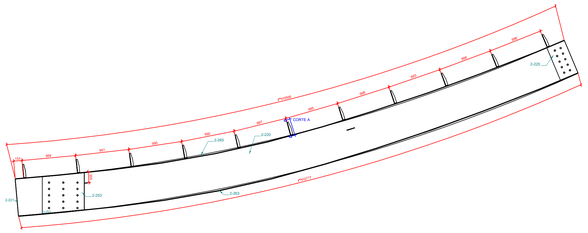
TESOURA 203



VISTA FRONTAL
ESCALA 1:25

MARCA	QTD.	BITOLA	DIMENSÃO	MATERIAL	P. UNIT.	P. TOTAL
	16	TES203			184,40	2.950,40
2-218	4	CH6.35	1150x1191	A36	10,36	41,44
2-217	2	CH6.35	300x2159	A36	32,29	64,58
2-216	2	CH6.35	300x2620	A36	39,19	78,38
					PESO TOTAL	2.950,40

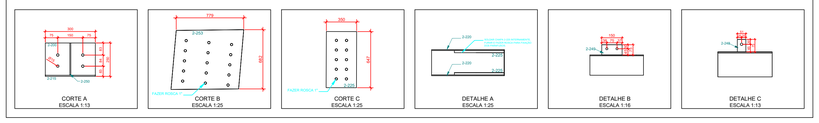
TESOURA 204



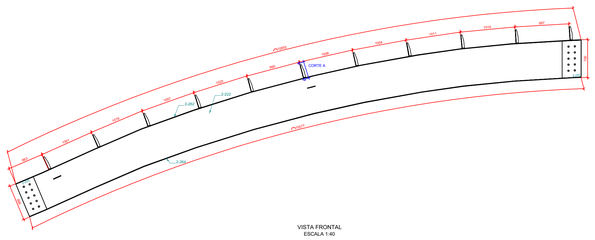
VISTA FRONTAL
ESCALA 1:40

MARCA	QTD.	BITOLA	DIMENSÃO	MATERIAL	P. UNIT.	P. TOTAL
	2	TES204			1.878,64	3.757,28
2-205	2	CH9.53	530Cm1550	A36	520,65	1.041,30
2-201	1	CH9.53	300Cm1050	A36	235,03	235,03
2-221	1	CH4.76	290x645	A36	7,57	7,57
2-202	1	CH9.53	300x10718	A36	239,83	239,80
2-200	11	CH6.35	300x250	A36	3,73	41,03
2-211	11	CH6.35	300x40	A36	0,59	6,49
2-232	11	CH6.35	244x40	A36	0,42	4,62
2-225	2	CH25.4	350x647	A36	45,14	90,28
2-203	2	CH25.4	846x685	A36	105,36	211,32
2-248	1	CH9.53	75x50	A36	0,28	0,28
2-249	1	CH9.53	150x75	A36	0,84	0,84
					PESO TOTAL	3.757,28

VISTA LATERAL
ESCALA 1:40

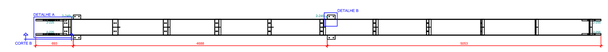


TESOURA 205

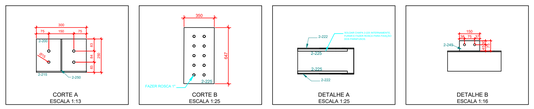


VISTA FRONTAL
ESCALA 1:40

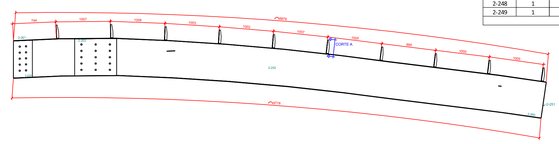
MARCA	QTD.	BITOLA	DIMENSÃO	MATERIAL	P. UNIT.	P. TOTAL
	2	TES205			1.773,25	3.546,50
2-222	2	CH9.53	315Ma1285	A36	198,14	1.586,28
2-264	1	CH9.53	300x1017	A36	237,38	237,38
2-262	1	CH9.53	300x1052	A36	243,55	243,55
2-200	11	CH6.35	300x250	A36	3,73	30,03
2-211	11	CH6.35	300x40	A36	0,59	6,49
2-250	11	CH6.35	244x40	A36	0,48	5,28
2-225	4	CH25.4	350x647	A36	45,14	180,56
2-249	2	CH9.53	150x75	A36	0,84	1,68
					PESO TOTAL	3.546,50



VISTA LATERAL
ESCALA 1:40

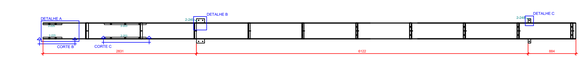


TESOURA 206

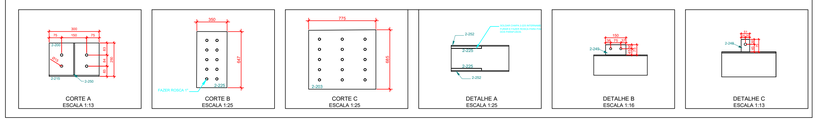


VISTA FRONTAL
ESCALA 1:40

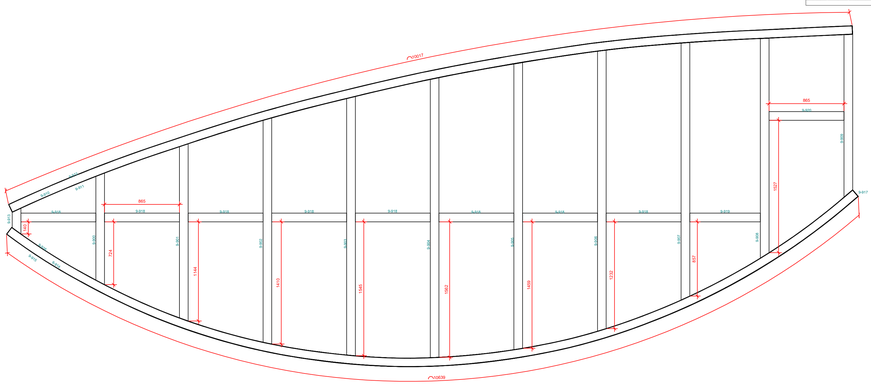
MARCA	QTD.	BITOLA	DIMENSÃO	MATERIAL	P. UNIT.	P. TOTAL
	2	TES206			1.784,51	3.569,02
2-252	2	CH9.53	9861x951	A36	493,25	986,50
2-281	1	CH9.53	300x5879	A36	221,71	221,71
2-260	1	CH9.53	300x9780	A36	219,49	219,49
2-251	1	CH4.76	290x662	A36	7,17	7,17
2-200	10	CH6.35	300x250	A36	3,73	37,30
2-215	10	CH6.35	300x40	A36	0,59	5,90
2-250	10	CH6.35	244x40	A36	0,42	4,20
2-225	2	CH25.4	350x647	A36	45,14	90,28
2-203	2	CH25.4	775x685	A36	105,42	210,84
2-248	1	CH9.53	75x50	A36	0,28	0,28
2-249	1	CH9.53	150x75	A36	0,84	0,84
					PESO TOTAL	3.569,02



VISTA LATERAL
ESCALA 1:40



PLATIBANDA 900

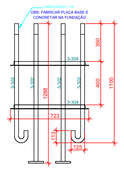


VISTA FRONTAL
ESCALA 1:25

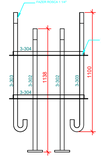
MARCA	QTD.	BITOLA	DIMENSÃO	MATERIAL	P. UNIT.	P. TOTAL
9-912	1	CH5.75	421X9976	A36	12,48	12,48
9-910	2	CH5.75	1309X3058	A36	35,49	36,98
9-911	1	CH5.75	421X3058	A36	12,53	12,53
9-914	1	CH5.75	421X11186	A36	13,28	13,28
9-913	1	CH5.75	421X3058	A36	12,53	12,53
9-915	1	CH5.75	421X10628	A36	13,15	13,15
9-902	1	TR100x10x2,25	1281	A36	3,04	3,04
9-901	1	TR100x10x2,25	2082	A36	10,54	10,54
9-903	1	TR100x10x2,25	2686	A36	13,46	13,46
9-904	1	TR100x10x2,25	3229	A36	16,19	16,19
9-906	1	TR100x10x2,25	3229	A36	16,47	16,47
9-905	1	TR100x10x2,25	3312	A36	17,30	17,30
9-906	1	TR100x10x2,25	3362	A36	16,73	16,73
9-907	1	TR100x10x2,25	2070	A36	15,13	15,13
9-908	1	TR100x10x2,25	2070	A36	15,18	15,18
9-909	1	TR100x10x2,25	1879	A36	10,00	10,00
9-911	1	TR100x10x2,25	26	A36	1,13	1,13
9-917	4	CH5.75	50x100	A36	0,34	0,56
9-916	8	TR100x10x2,25	864	A36	4,46	35,68
9-920	1	TR100x10x2,25	818	A36	4,20	4,20
9-921	1	TR100x10x2,25	864	A36	4,46	4,46
					PESO TOTAL	750,08

CHUMBADOR 300

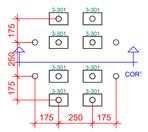
MARCA	QTD	BITOLA	DIMENSÃO	MATERIAL	P. UNIT.	P. TOTAL
	12	CHUM300			156,48	1.877,76
3-301	8	CH25.88	90X138	A36	1,54	12,32
3-300	4	8Rl 1/2"	1288	SAE1045	11,17	44,68
3-303	4	8Rl 1/2"	1284	SAE1045	11,14	44,56
3-302	4	8Rl 1/2"	1138	SAE1045	9,67	38,68
3-304	8	L3/16x1 1/2	723	A36	1,93	15,44
					PESO TOTAL	1.877,76



VISTA FRONTAL
ESCALA 1:20



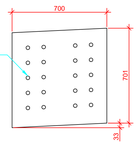
CORTE A
ESCALA 1:20



VISTA SUPERIOR
ESCALA 1:16

SUPORTE TESOURA 500

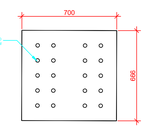
MARCA	QTD.	BITOLA	DIMENSÃO	MATERIAL	P. UNIT.	P. TOTAL
	4	SUP_TES			63,98	255,96
5-500	4	CH25.88	734x589	A36	63,98	255,96
					PESO TOTAL	255,96



VISTA FRONTAL
ESCALA 1:16

SUPORTE TESOURA 501

MARCA	QTD.	BITOLA	DIMENSÃO	MATERIAL	P. UNIT.	P. TOTAL
	4	SUP_TES			58,30	232,80
5-501	1	CH25.88	700x666	A36	58,1	58,32
					PESO TOTAL	232,80



VISTA FRONTAL
ESCALA 1:16

QUADRO DE REVISÕES			
REVISÃO	DESCRIÇÃO	DATA	DESENHO
REV00	ALTERAÇÃO A QUANTIDADE DE TESOURAS E CHUMBADORES DO PROJETO	23.02.2023	SOUZA/RDA
REV02	AJUSTADO QUANTITATIVOS DE MATERIAIS	13.08.2024	EMERSON

APROVAÇÕES

PROPRIETÁRIO
PREFEITURA MUNICIPAL DE PIRATUBA
82.810.481/0001-58

RESPONSÁVEL TÉCNICO
EMERSON FERRARI
CREA/SC 165014-3

EQUIPE TÉCNICA DA EMPRESA

FERRARI ENGENHARIA

EMERSON FERRARI
Engenheiro Mecânico
CREA/SC: 165014-3

MAURICIO CERUTTI
Arquiteto e Urbanista
CAU: A109041-0

JAIME F. SCHMIDT COSTA
Engenheiro Civil
CREA/SC: 031169-5

RENATO BERGAMO
Engenheiro Eletricista
CREA/SC: 068830-4

PROPRIETÁRIO	PREFEITURA MUNICIPAL DE PIRATUBA
EDIFICAÇÃO	RUA COBERTA DE PIRATUBA
ENDEREÇO	RUA: Avenida Dezoito de Fevereiro, BAIRRO: Centro; Piratuba - SC
PROJETO	ESTRUTURAS METÁLICAS
CONTEÚDO	DETALHAMENTO DE PEÇAS DE FABRICAÇÃO TESOURAS, CHUMBADORES, PLATIBANDAS E SUPORTE

ARQUIVO	DATA
M04 - DETALHAMENTO DE PEÇAS	13.08.2024

ETAPA	FOLHA
PROJETO EXECUTIVO	M04-06
ESCALA INDICADA	

FERRARI ENGENHARIA | CREA nº 165014-3 | CNPJ 35.949.131/0001-02
Rua Getulio Vargas, 235 - SALA 102/103 - Centro - Concórdia | Fone: (49) 99997-3641 | e-mail: projetos@engenhariaferrari.com.br

Formato A0 (1189 x 841mm)