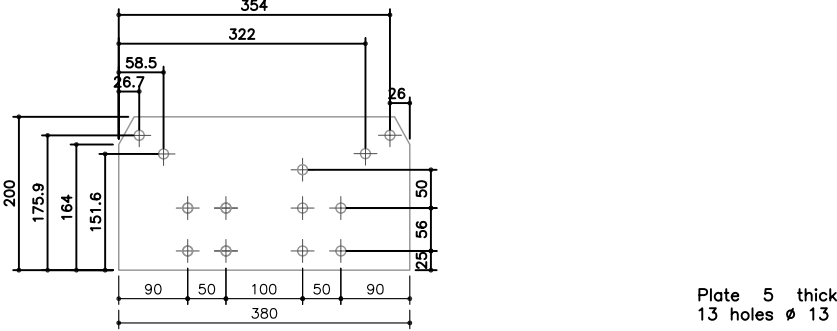
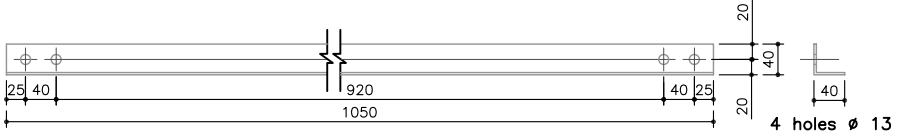
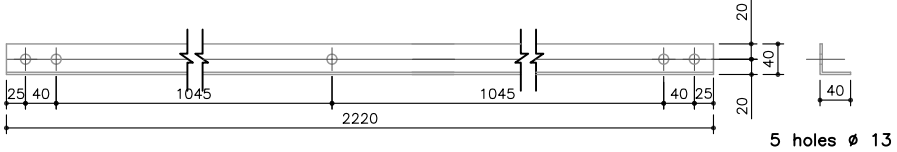
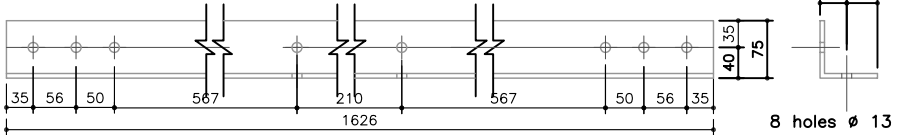
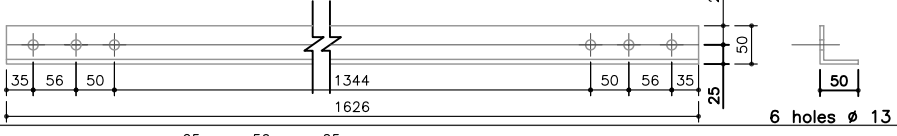
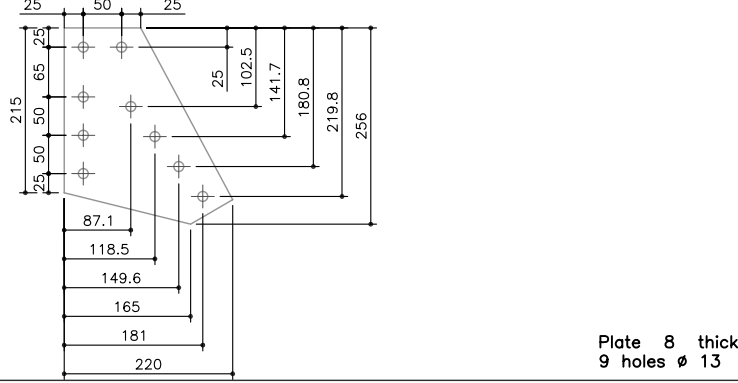
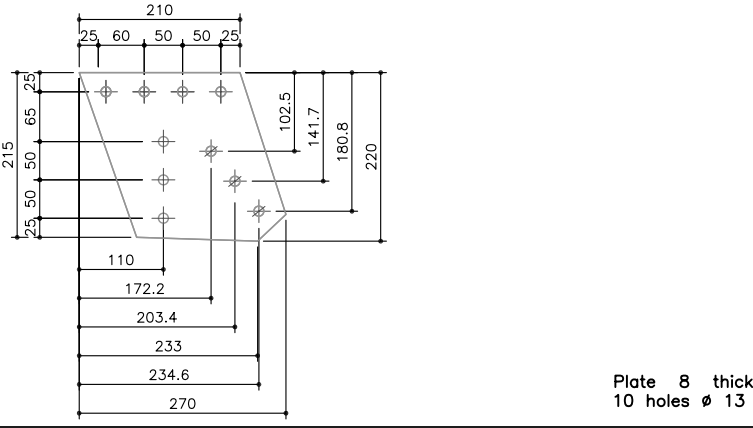
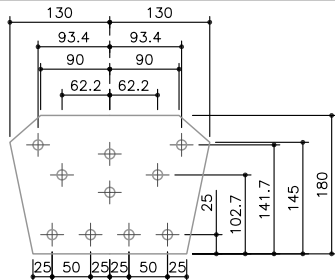
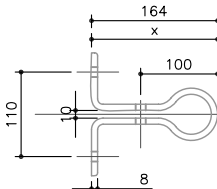
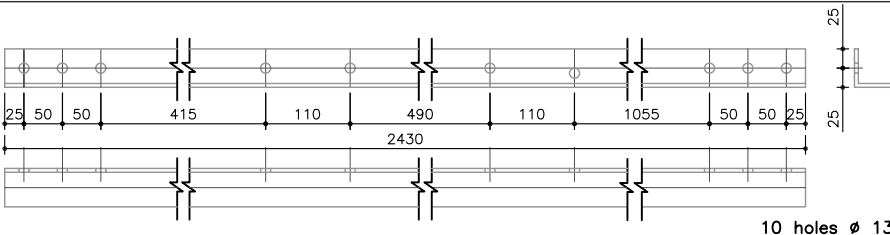
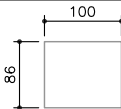
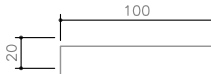
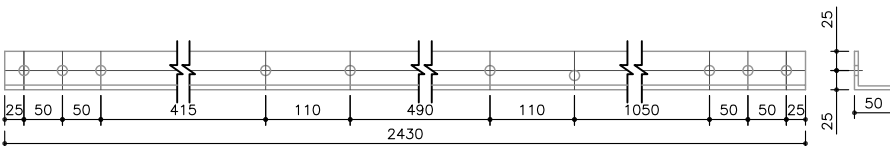
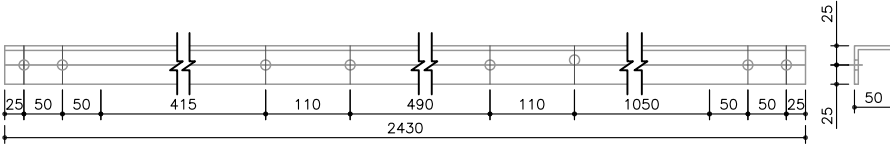
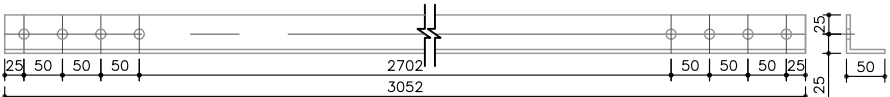
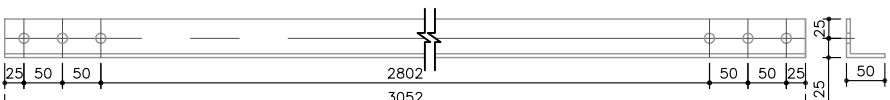
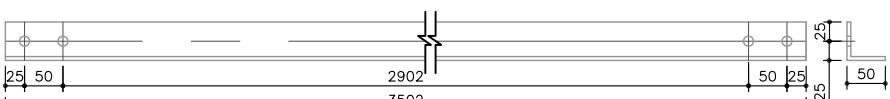
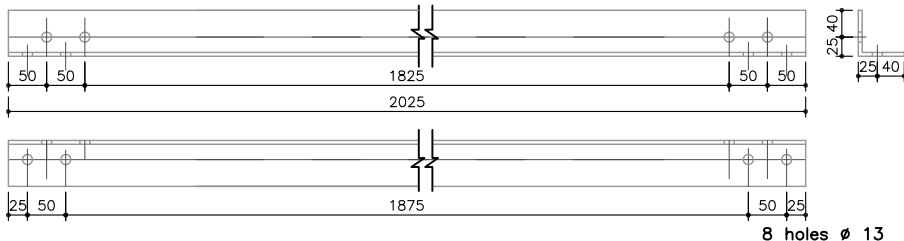
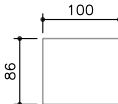
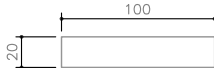
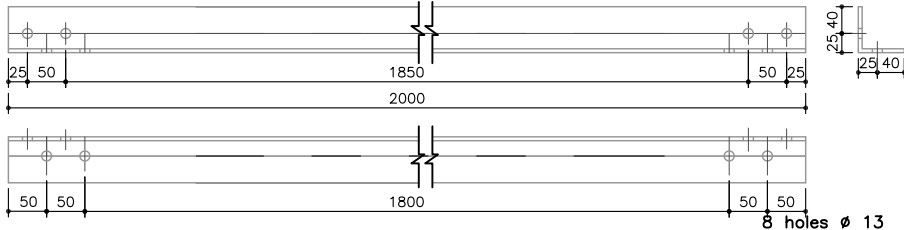
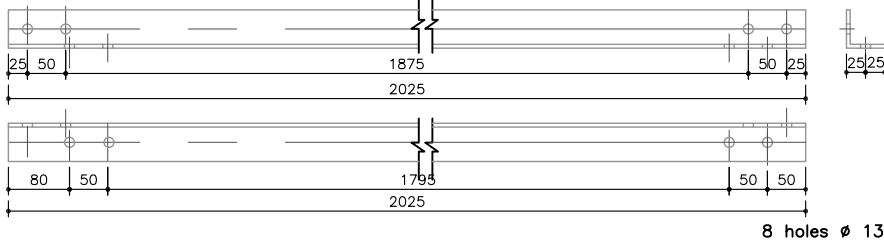
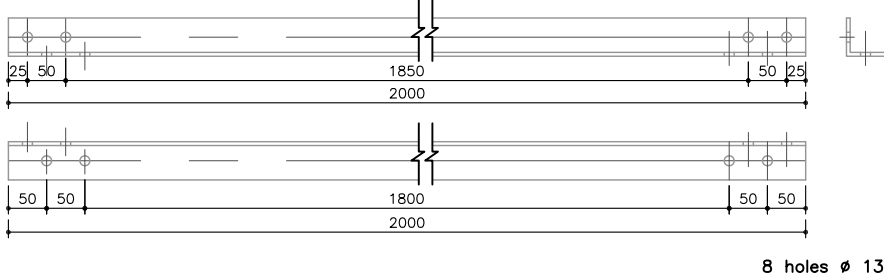
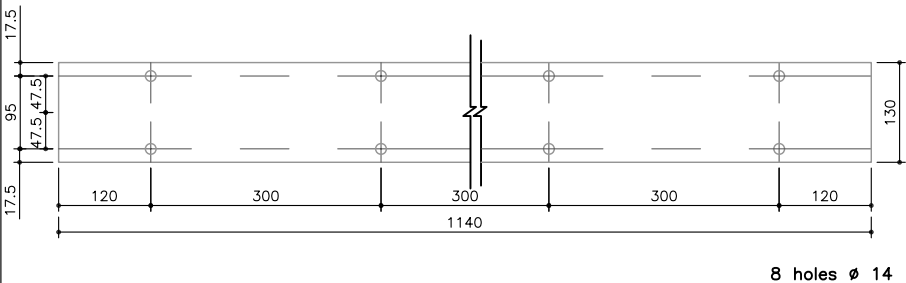
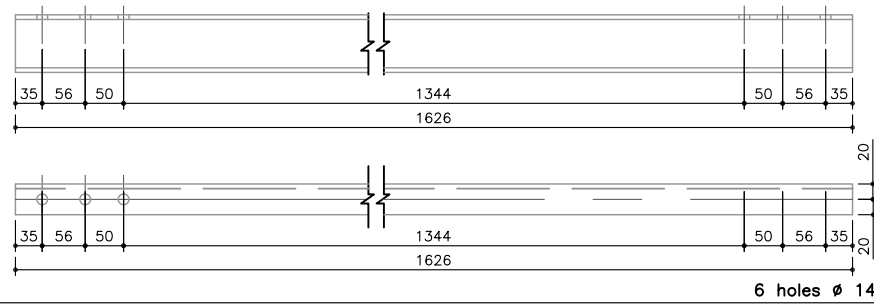
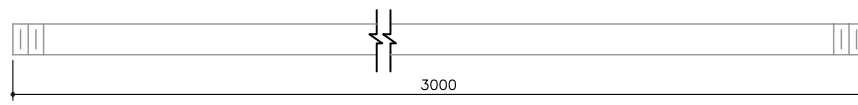
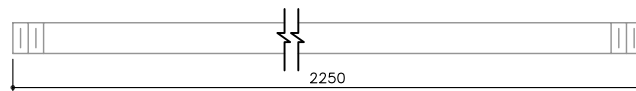


Part No.	Section (mm)	Quantity	Working Drawing (All dimension in mm)	Length		Weight		Surface to be painted		Total weight for Glavanization kg	Remarks	Note : Manufacturer should verify the Working and Assembly Drawing for it's accuracy before fabrication
				Single/pc mm	Total m	Single/pc kg	Total kg	m2/pc	Total m2			
7	Plate 380 x 200 x 5	28		-	-	2.955	82.768	-	-	82.768		
8	Plate 300 x 60 x 4	16		-	-	0.565	9.04	0.036	0.576	9.04		
9	Angle 40 x 40 x 3 l = 1050	32		1050	33.60	1.890	60.48	0.168	5.376	60.48		
10	Angle 40 x 40 x 3 l = 2220	16		2220	35.52	3.996	63.936	0.355	5.680	63.936		
11	a Angle 75 x 75 x 6 l = 1626	2		1626	3.252	11.157	22.114	0.489	0.978	22.114		
	b Plate 300 x 40 x 5	4		-	-	0.471	1.884	0.024	0.096	1.884		
12	Angle 50 x 50 x 5 l = 1626	7		1626	11.382	6.179	43.253	0.125	0.875	43.253		
13	Plate 256 x 220 x 8	4		-	-	2.380	9.520	0.076	0.304	9.520		
14	Plate 270 x 220 x 8	4		-	-	3.096	12.384	0.099	0.356	12.384		MoFALD / DoLIDAR / Trial Bridge Section Truss Bridge Standard Bridge No : Name : Span : 16.0 m Strutural Drawing : Working and Assembly Date: July 2013 Drawing No: T3W

Part No.	Section (mm)	Quantity	Working Drawing (All dimension in mm)	Length		Weight		Surface to be painted		Total weight for Glavanization kg	Remarks	Note : Manufacturer should verify the Working and Assembly Drawing for it's accuracy before fabrication
				Single/pc mm	Total m	Single/pc kg	Total kg	m2/pc	Total m2			
20	Plate 260 x 180 x 8	2	 Plate 8 thick 10 holes Ø 13	-	-	2.590	5.180	0.083	0.166	5.180		
21	Plate 40 x 8 l = 520	28	 4 holes Ø 13	520	14.56	1.304	36.512	0.050	1.40	36.512		
22	Flat 40 x 8 l = 492	8	Same as part no 21 except dimension x = 150 4 holes Ø 13	492	3.94	1.232	9.856	0.050	0.400	9.856		
23	a Angle 50 x 50 x 5 l = 2430	8	 10 holes Ø 13	2430	19.74	9.234	73.872	0.486	3.888	73.872	Part no. 23 (a,b,c) to be welded up as shown alongside	
	b Plate 100 x 86 x 5	16	 Plate 5 thick	-	-	0.337	5.392	0.017	0.272	5.392		
	C Plate 100 x 20 x 8	16	 Plate 8 thick	-	-	0.125	2.000	0.004	0.064	2.000		
24	Angle 50 x 50 x 6 l = 2430	4	 As shown 2 nos. , Opp. hand 2 nos. 10 holes Ø 13	2430	9.720	10.935	43.740	0.486	1.944	43.740		
25	Angle 50 x 50 x 5 l = 2430	10	 As shown 9 nos. , Opp. hand 9 nos. 8 holes Ø 13	2430	24.30	9.234	92.34	0.486	4.86	92.34		
26	Angle 50 x 50 x 5 l = 3052	4	 As shown 2 nos. , Opp. hand 2 nos. 8 holes Ø 13	3052	12.21	11.598	46.392	0.616	2.440	46.392		
27	Angle 50 x 50 x 5 l = 3052	4	 As shown 4 nos. , Opp. hand 4 nos. 6 holes Ø 13	3052	12.208	11.598	46.392	0.610	2.44	46.392		
28	Angle 50 x 50 x 5 l = 3052	8	 As shown 6 nos. , Opp. hand 6 nos. 8 holes Ø 13	3052	24.416	11.598	92.784	-	-	92.784		
MoFALD / DoLIDAR / Trial Bridge Section Truss Bridge Standard												
Bridge No : Name : Span : 16.0 m												
Strutural Drawing : Working and Assembly												
Date: July 2013 Drawing No: T5W												

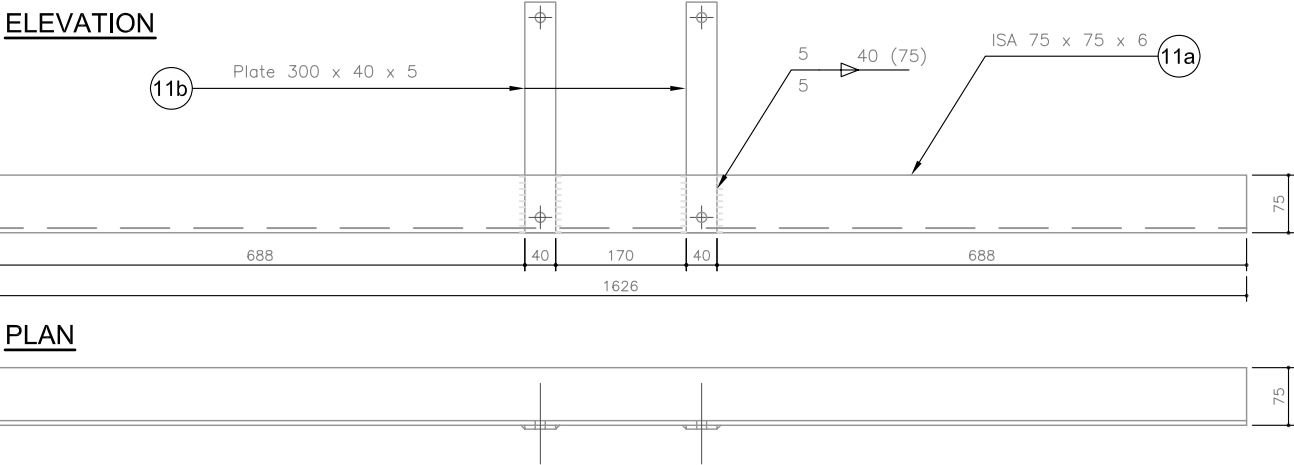
Part No.	Section	(mm)	Quantity	Working Drawing (All dimension in mm)	Length		Weight		Surface to be painted		Total weight for Glavanization kg	Remarks	Note : Manufacturer should verify the Working and Assembly Drawing for it's accuracy before fabrication
					Single/pc mm	Total m	Single/pc kg	Total kg	m2 /pc	Total m2			
29	a	Angle 65 x 65 x 5 l = 2025	8		2025	16.20	9.922	79.376	0.486	3.888	79.376	Part no. 29 (a,b,c) to be welded up as shown alongside	
	b	Plate 100 x 86 x5	12	 Plate 5 thick	—	—	0.337	4.044	0.017	0.264	4.044		
	c	Plate 100 x 20 x 8	12	 Plate 8 thick	—	—	0.125	1.500	0.004	0.048	1.500		
30	a	Angle 65 x 65 x 5 l = 2000	24		2000	48.00	9.800	235.20	0.480	11.52	235.20	Part no. 30 (a,b,c) to be welded up as shown alongside	
	b	Plate 100 x 86 x 5	36	Same as part no 30 b Plate 5 thick	—	—	0.337	12.132	—	—	12.132		
	c	Plate 100 x 20 x 8	36	Same as part no 30 c Plate 8 thick	—	—	0.125	4.500	—	—	4.500		
31	a	Angle 50 x 50 x 5 l = 2025	8		2025	16.20	7.695	61.560	0.415	3.320	61.560	Part no. 31 (a,b,c) to be welded up as shown alongside	
	b	Plate 100 x 86 x 5	4	Same as part no 30 b Plate 5 thick	—	—	0.337	1.348	0.07	0.280	1.348		
	c	Plate 100 x 20 x 8	4	Same as part no 30 c Plate 8 thick	—	—	0.125	0.500	0.004	0.016	0.500		
32	a	Angle 50 x 50 x 5 l = 2000	24		2000	48.00	7.600	182.40	0.400	9.600	182.40	Part no. 32 (a,b,c) to be welded up as shown alongside	
	b	Plate 100 x 86 x 5	12	Same as part no 30 b Plate 5 thick	—	—	0.337	4.044	0.017	0.204	4.044		
	c	Plate 100 x 20 x 8	12	Same as part no 30 c Plate 8 thick	—	—	0.125	1.500	0.004	0.048	1.500		
													MoFALD / DoLIDAR / Trial Bridge Section Long Span Trail Bridge Standard
													Bridge No : Name : Span : 16.0 m
													Strutural Drawing : Working and Assembly
													Date: July 2013 Drawing No: T6W

Part No.	Section	(mm)	Quantity	Working Drawing (All dimension in mm)	Length		Weight		Surface to be painted		Total weight for Glavanization kg	Remarks	Note : Manufacturer should verify the Working and Assembly Drawing for it's accuracy before fabrication
					Single/pc mm	Total m	Single/pc kg	Total kg	m2 /pc	Total m2			
33	a	Flat 130 x 6 – 1140	9		1140	10.26	6.980	62.82	0.296	2.664	62.82		
	b	ISMC Channel 75 x 40 I =1626	9		1626	14.634	11.057	99.513	0.504	4.536	99.513	Part no. 33 (a,b,c) to be welded up as shown alongside	
34	Glaved M S Pipe nominal bore 40 Ø medium clas, I =3000	16		3000	48.00	10.83	173.28	Glavanized					
35	Glaved M S Pipe nominal bore 40 Ø medium clas, I =2250	8		2250	18.00	8.12	64.98	Glavanized					
36	Glavd. pipe socket for above pipes	28	As per BRITISH STANDARD	–	–	0.30	8.40	Glavanized			For Part no. 33 & 34 3 pcs. extra		
37	Flat 50 x 8 I = 50	18		50	0.90	0.157	2.826	Glavanized		2.826	2 pcs. extra		
38	Friction grip nut M 12 IS 66 23	900		–	–	0.022	19.800	Glavanized			5 % extra		
39	Friction grip bolt M 12 x 50 IS 3757	885		–	–	0.070	61.95	Glavanized			5 % extra		
40	Washer 'A' IS 6649	885		–	–	0.020	17.70	Glavanized			5 % extra		
41	Taper washer Ø 13 for ISMC 75 x 40 IS 5372	57	Taper washer as per IS 5372–1975	–	–	0.020	1.140	Glavanized			5 % extra		
TOTAL (1-41)					1979.610kg				1630.950kg				
					Steelparts to be Glavanized				1630.950 kg.		Hot Dip Galvanization : IS 2629, IS 2633		
					Nut, Biolts and Washer				102.00 kg.		Weight of Zinc Coat : 0.61 kg/m2		
												MoFALD / DoLIDAR / Trial Bridge Section Long Span Trail Bridge Standard	
												Bridge No : Name : Span : 16.0 m	
												Strutural Drawing : Working and Assembly	
												Date: July 2013 Drawing No: T7W	

Note :
Manufacturer should verify the Working and Assembly
Drawing for it's accuracy before fabrication

WELDING DETAIL OF PART II

SCALE 1:10

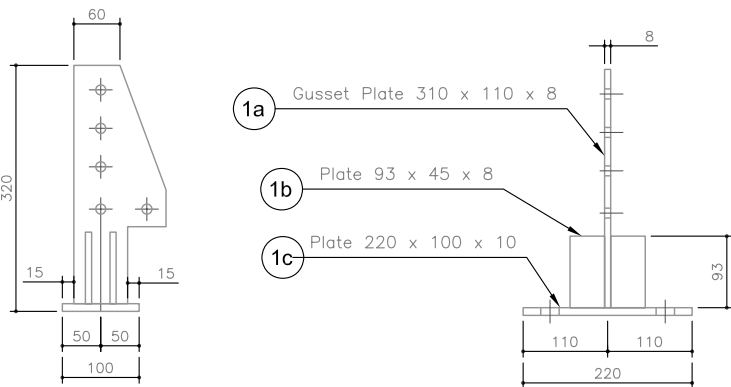


WELDING DETAIL OF PART 1

SCALE 1:10

SIDE ELEVATION

FRONT ELEVATION

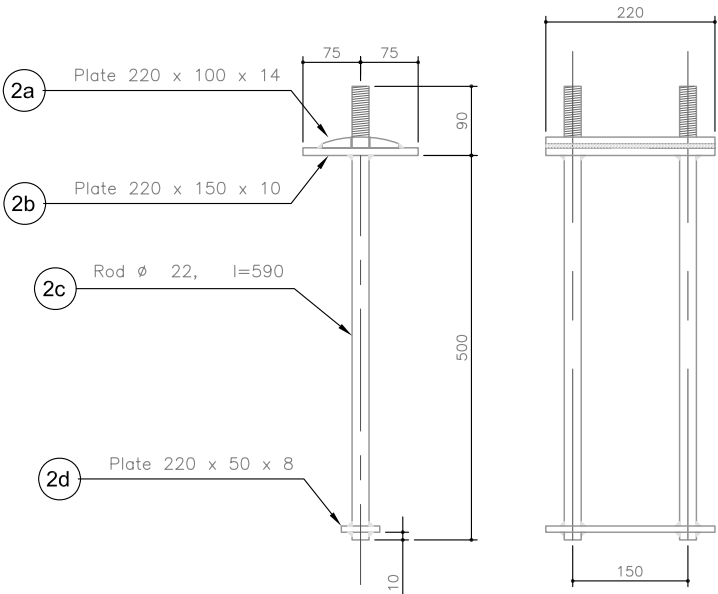


WELDING DETAIL OF PART 2

SCALE 1:10

SIDE ELEVATION

FRONT ELEVATION



MoFALD / DoLIDAR / Trial Bridge Section
Long Span Trail Bridge Standard

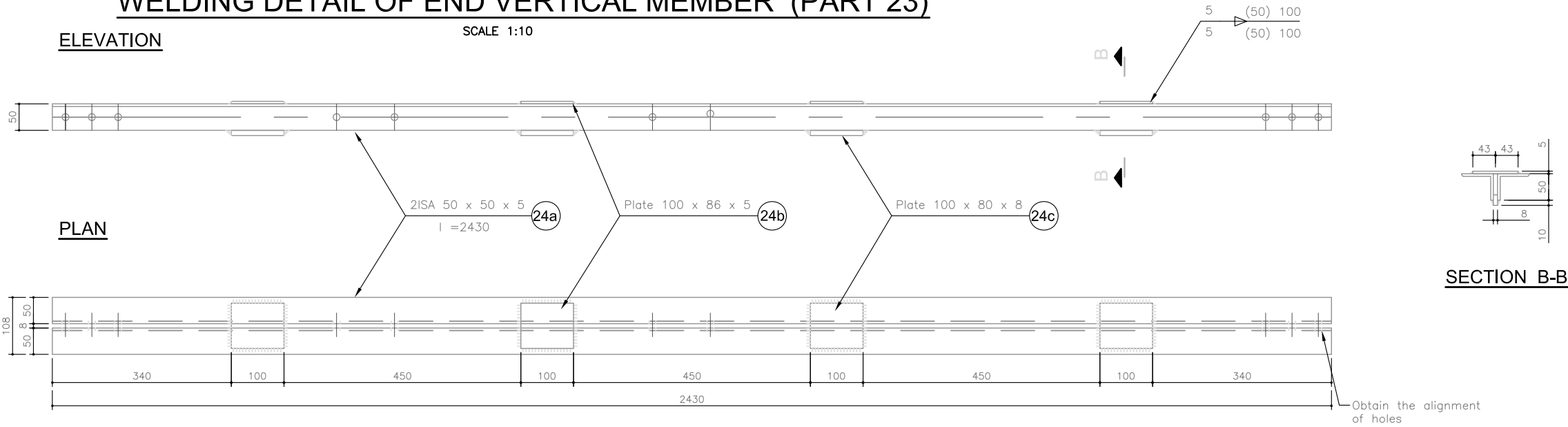
Bridge No : Name :
Span : 16.0 m

Strutural Drawing :
Working and Assembly

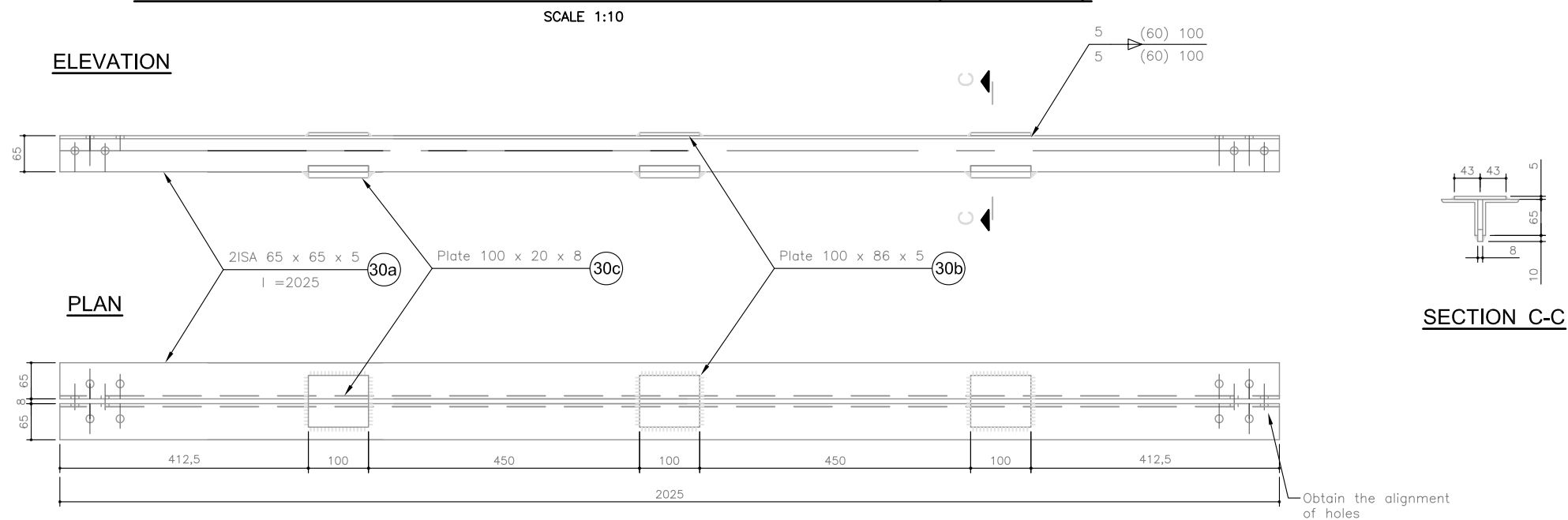
Date: July 2013 Drawing No: T8W

Note :
Manufacturer should verify the Working and Assembly
Drawing for it's accuracy before fabrication

WELDING DETAIL OF END VERTICAL MEMBER (PART 23)



WELDING DETAIL OF TOP CHORD END MEMBER (PART 29)

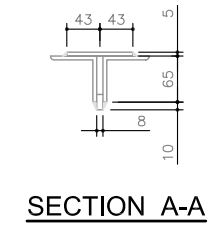


MoFALD / DoLIDAR / Trial Bridge Section Long Span Trail Bridge Standard	
Bridge No :	Name :
Span : 16.0 m	
Strutural Drawing :	
Working and Assembly	
Date: July 2013	Drawing No: T9W

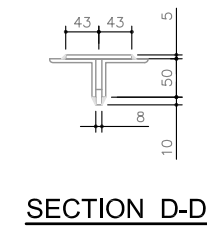
MoFALD / DoLIDAR / Trial Bridge Section Long Span Trail Bridge Standard	
Bridge No :	Name :
Span : 16.0 m	
Structural Drawing : Working and Assembly	
Date: July 2013	Drawing No: T10W

ELEVATION

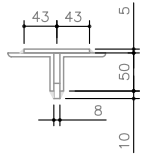
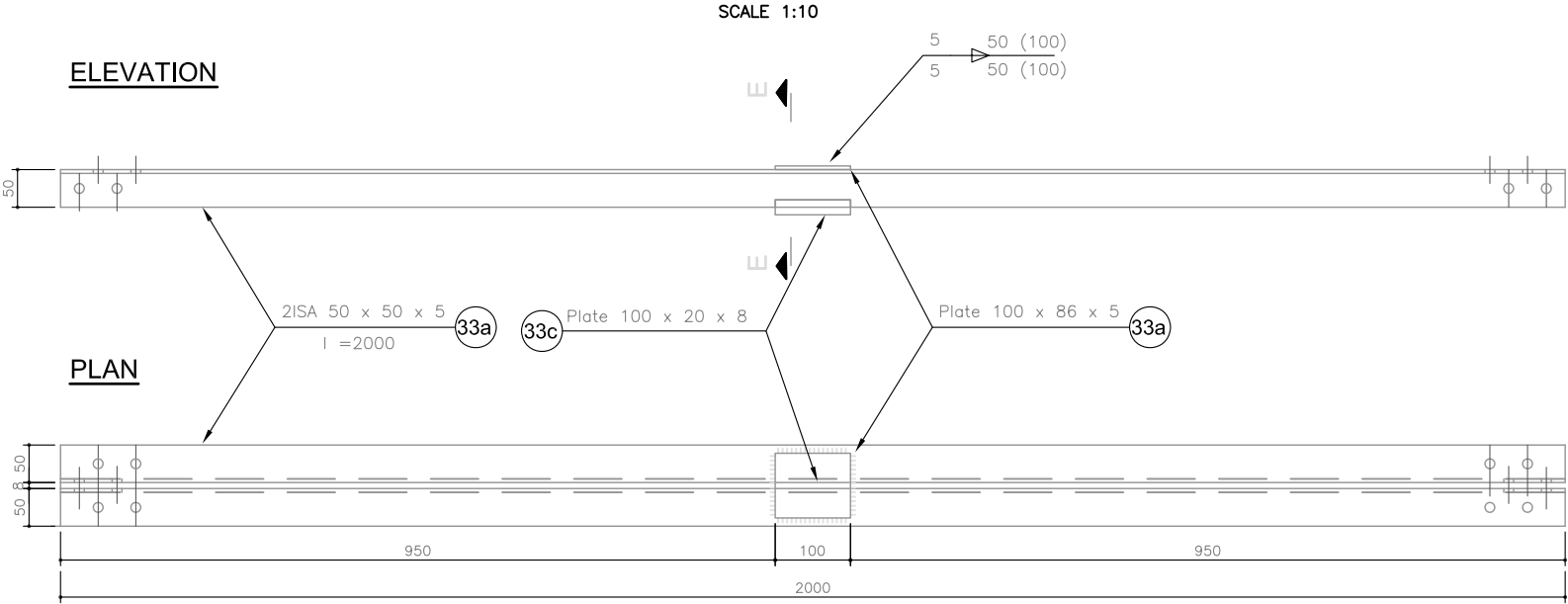
PLAN

ELEVATION

PLAN



WELDING DETAIL OF BOTTOM CHORD INTERIOR MEMBER (PART 32)



SECTION E-E

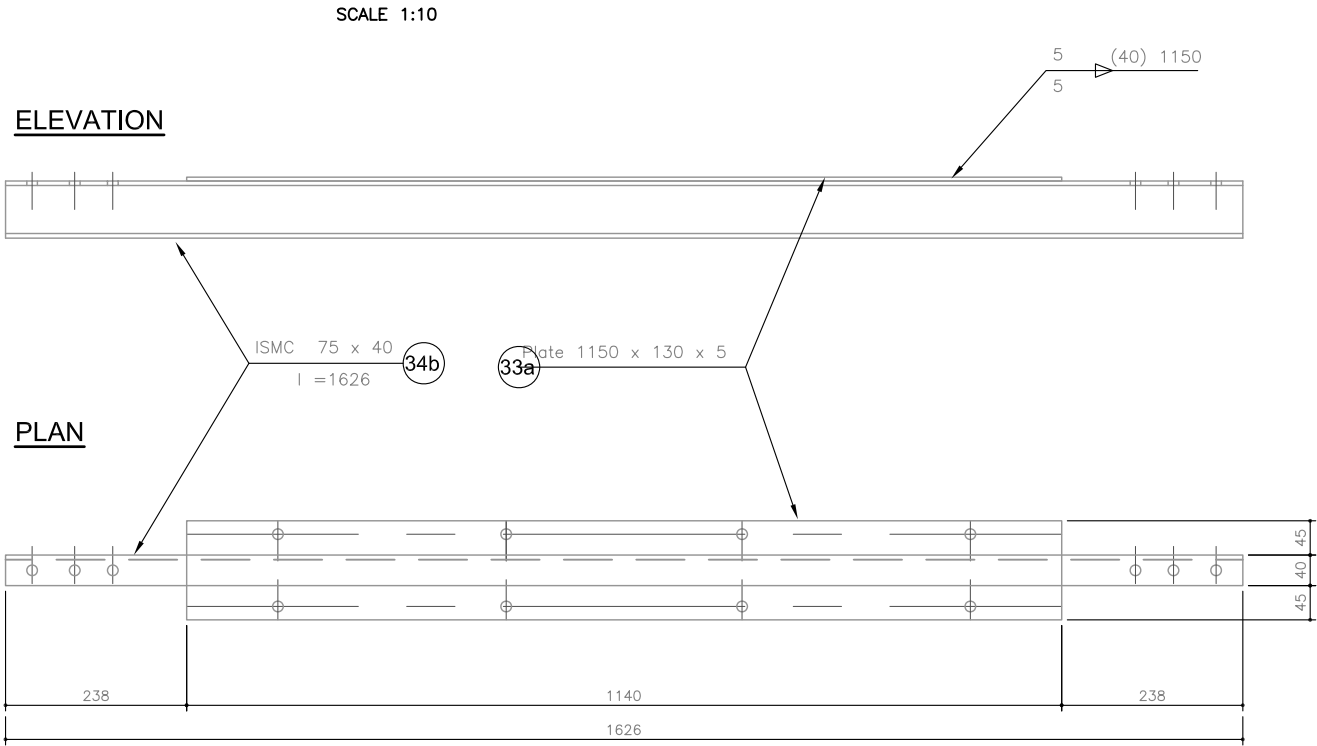
Notes:-

- 1) All nuts have to be retightened after erection.
- 2) All nongalvanized threads have to be painted in site with coaltar after retightening of the nuts.
- 3) All steel parts have to be painted with final coat after bridge erection, only if not galvanized.
- 4) To obtain uniformity, Use of templates and jigs is mandatory for holing, bending and welding of assembly.
- 5) All parts or bundles and packages with identical parts have to be labelled or marked with respective parts number by the workshop



Note :
Manufacturer should verify the Working and Assembly Drawing for its accuracy before fabrication

WELDING DETAIL OF (PART 33)



MoFaLD / DoLIDAR / Trial Bridge Section
Truss Bridge Standard

Bridge No : Name :

Span : 16.0 m

Strutural Drawing :

Working and Assembly

Date: July 2013

Drawing No: T11W