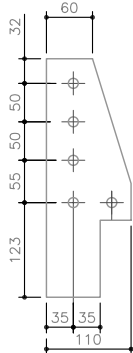
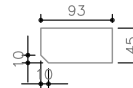
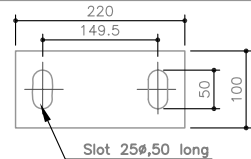
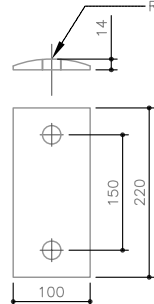
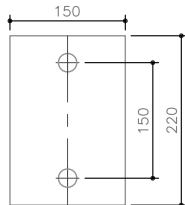
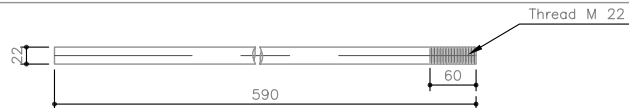
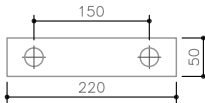
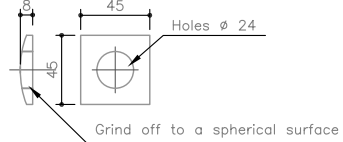
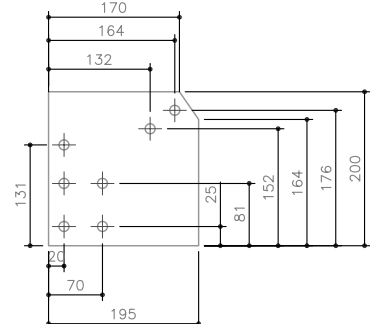
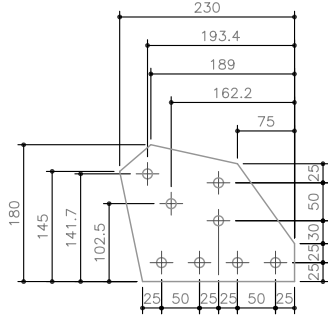
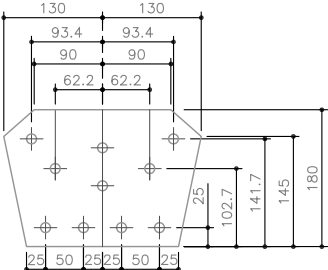
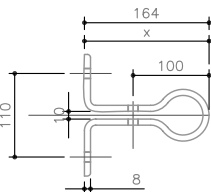
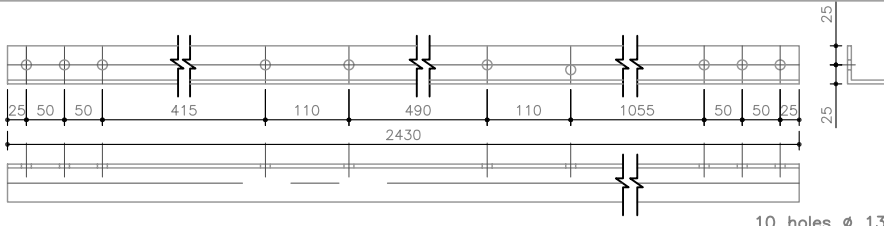
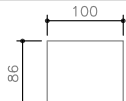
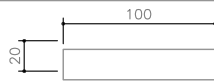
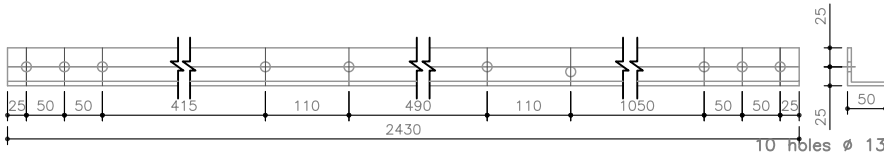
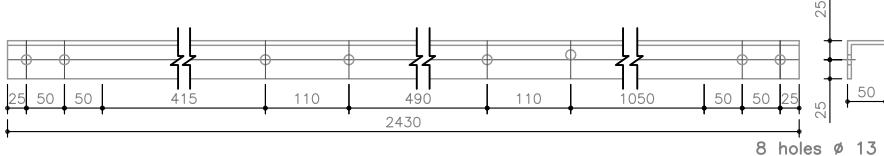
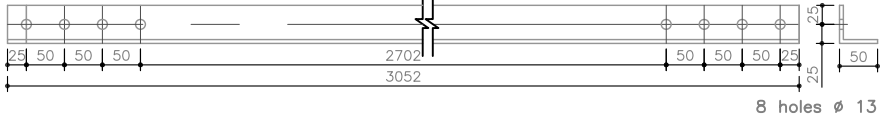
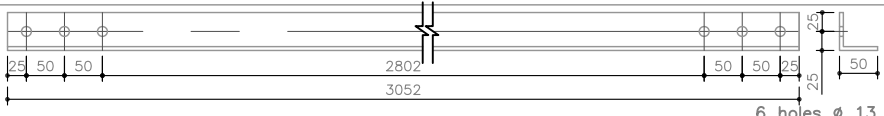
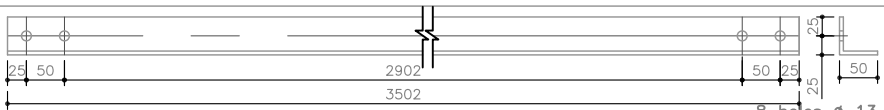
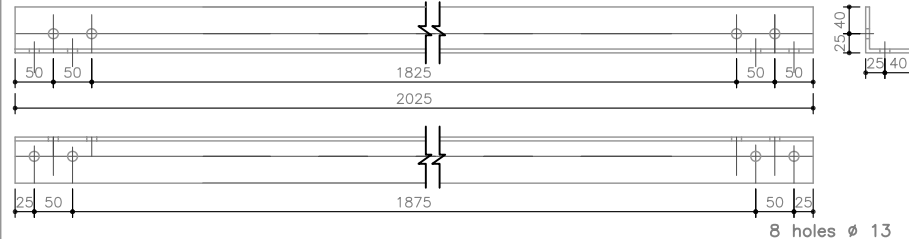
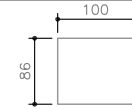
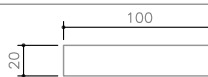
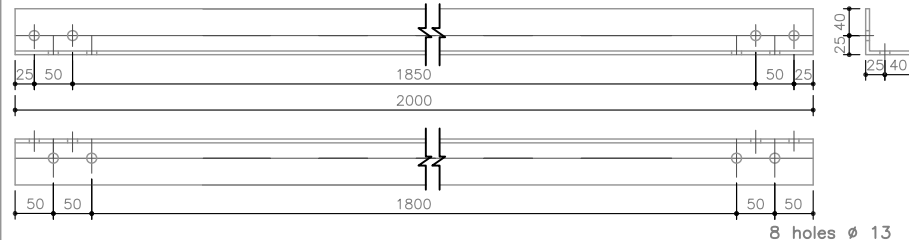
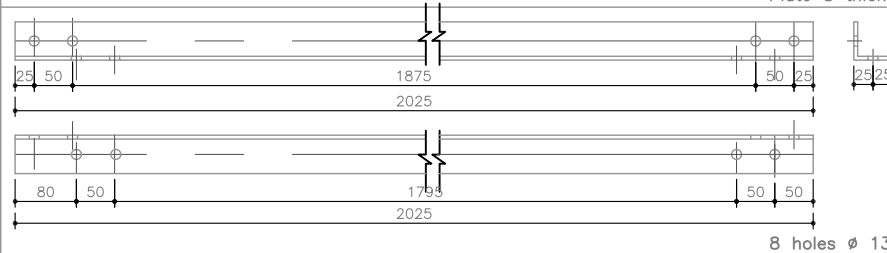
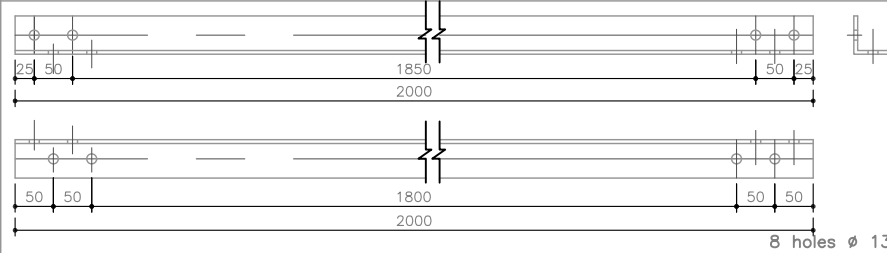
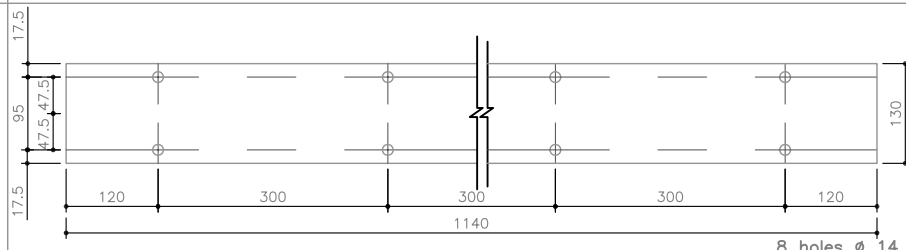
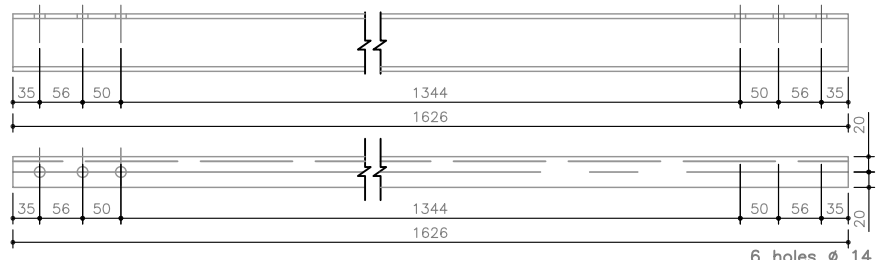


Part No.	Section	(mm)	Quantity	Working Drawing (All dimension in mm)	Length		Weight		Surface to be painted			Total weight for Glavanization kg	Remarks	Note : Manufacturer should verify the Working and Assembly Drawing for it's accuracy before fabrication
					Single/pc mm	Total m	Single/pc kg	Total kg	m2 /pc	Total m2				
1	a	Plate 310x110x8	4	 Plate 8 thick 5 holes Ø 13	—	—	1.636	6.544	0.052	0.208	6.544	Part 1 (a,b,c) to be welded as shown alongside		
	b	Plate 93x45x8	16	 Plate 8 thick	—	—	0.256	4.096	0.008	0.128	4.096			
	c	Plate 220x100x10	4	 Slot 25Ø,50 long Plate 10 thick	—	—	1.531	6.124	0.039	0.156	6.124			
2	a	Plate 220x100x14	4	 R 400 Grind Off Plate 14 thick 2 holes Ø 24	—	—	2.417	9.668	0.044	0.176	9.668	Part 2 (a,b,c) to be welded as shown alongside		
	b	Plate 220x150x10	4	 Plate 10 thick 2 holes Ø 24	—	—	2.590	10.360	0.066	0.264	10.360			
	c	22Ø Rod 590 long	8	 Thread M 22	590	4.720	1.758	14.064	0.041	0.328	14.064			
	d	Plate 220x50x8	4	 Plate 8 thick 2 holes Ø 13	—	—	0.691	2.764	0.022	0.088	2.764			
3	Plate 45x45x8	10	 Holes Ø 24 Grind off to a spherical surface Plate 8 thick	—	—	0.130	1.300	0.004	0.040	1.300	2 pcs. extra			
4	Hexagonal nut M 22	10		—	—	0.0971	0.970	Galvanized			2 pcs. extra			
5	Hexagonal nut 10 thick , M 22	10		—	—	0.0437	0.440	Galvanized			3 pcs. extra			
6	Plate 200 x 195 x 5	8	 Plate 5 thick 7 holes Ø 13	—	—	1.444	11.550	0.074	0.592	11.550	Working and Assembly Drawing			
MoFALD / DoLIDAR / Trial Bridge Section Truss Bridge Standard														
Bridge No : Name : Span : 20.0 m														
Date: July 2013 Drawing No: T2W														

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	36	 Plate 5 thick 13 holes ø 13	-	-	2.955	106.38	-	-	-	106.38		
8	Plate	300 x 60 x 4	20	 Plate 4 thick 5 holes ø 13	-	-	0.565	11.300	0.036	0.720	-	11.300		
9	Angle	40 x 40 x 3 l =1050	40	 4 holes ø 13	1050	42.00	1.890	75.60	-	-	-	75.60		
10	Angle	40 x 40 x 3 l =2220	20	 5 holes ø 13	2220	44.40	3.996	79.920	-	-	-	79.920		
11	a	Angle 75 x 76 x 6 l = 1626	2	 8 holes ø 13	1626	3.252	11.057	22.114	0.489	0.978	-	22.114		
	b	Plate 300 x 40 x 5	4	 2 holes ø 13	-	-	0.471	1.884	0.024	0.096	-	1.884		
12	Angle	50 x 50 x 5 l =1626	9	 6 holes ø 13	1626	14.63	6.179	55.61	-	-	-	55.61		MoFALD / DoLIDAR / Trial Bridge Section Truss Bridge Standard Bridge No : Name : Span : 20.0 m Strutural Drawing : Working and Assembly Drawing Date: July 2013 Drawing No: T3W
13	Plate	256 x 220 x 8	4	 Plate 8 thick 9 holes ø 13	-	-	2.380	9.520	0.076	0.304	-	9.520		
14	Plate	270 x 220 x 8	4	 Plate 8 thick 9 holes ø 13	-	-	3.096	12.384	0.099	0.356	-	12.384		

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			
15	Plate	280 x 220 x 8	4	Plate 5 thick 9 holes Ø 13	—	—	2.667	10.668	0.085	0.340	10.668		
16	Plate	240 x 180 x 8	8	Plate 5 thick 8 holes Ø 13	—	—	2.093	16.744	0.067	0.536	16.744		
17	Plate	200 x 165 x 8	2	Plate 8 thick 6 holes Ø 13	—	—	1.577	3.154	0.050	0.100	3.154		
18	Plate	300 x 255 x 8	4	Plate 8 thick 11 holes Ø 13	—	—	3.373	13.492	0.107	0.428	13.492		
19	Plate	270 x 220 x 8	8	Plate 8 thick 9 holes Ø 13	—	—	2.409	19.272	0.077	0.616	19.272		MoFALD / DoLIDAR / Trial Bridge Section Truss Bridge Standard Bridge No : Name : Span : 20.0 m Strutural Drawing : Working and Assembly Drawing Date: July 2013 Drawing No: T4W

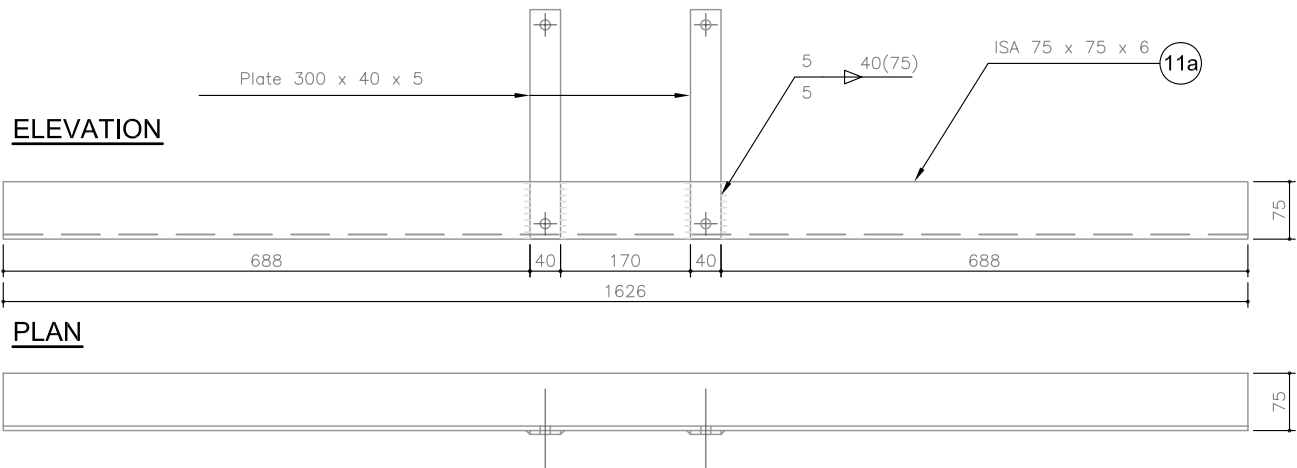
Part No.	Section	(mm)	Quantity	Working Drawing (All dimension in mm)	Length		Weight		Surface to be painted		Total weight for Glavanization kg	Remarks	Note : Manufacturer should verify the Working and Assembly Drawing for it's accuracy before fabrication	
					Single/pc mm	Total m	Single/pc kg	Total kg	m2 /pc	Total m2				
20	Plate	230 x 180 x 8	8		—	—	2.088	16.704	0.066	0.528	16.704			
21	Plate	260 x 180 x 8	2		—	—	2.590	5.180	0.083	0.166	5.180			
22	Plate	40 x 8 l = 520	40		520	20.80	1.304	52.160	—	—	52.16			
23	Flat	40 x 8 l = 492	8	Same as part no 22 except dimension x = 150 4 holes Ø 13	492	3.94	1.232	9.856	0.050	0.400	9.856			
24	a	Angle	50 x 50 x 5 l = 2430	8		2430	19.74	9.234	73.872	0.486	3.888	73.872		Part no. 30 (a,b,c) to be welded up as shown alongside
	b	Plate	100 x 86 x 5	16		—	—	0.337	5.392	0.017	0.272	5.392		
	c	Plate	100 x 20 x 8	16		—	—	0.125	2.000	0.004	0.064	2.000		
25	Angle	50 x 50 x 6 l = 2430	4		2430	9.720	10.935	43.740	0.486	1.944	43.740			
26	Angle	50 x 50 x 5 l = 2430	14		2430	34.02	9.234	129.276	—	—	129.276			
27	Angle	50 x 50 x 5 l = 3052	4		3052	12.21	11.598	46.392	0.616	2.440	46.392	MoFALD / DoLIDAR / Trial Bridge Section Truss Bridge Standard		
28	Angle	50 x 50 x 5 l = 3052	8		3052	24.42	11.598	92.784	0.610	4.880	92.784	Bridge No : Name : Span : 20.0 m		
29	Angle	50 x 50 x 5 l = 3052	8		3052	24.416	11.598	92.784	—	—	92.784	Strutural Drawing : Working and Assembly Drawing		
												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			
30	a	Angle 65 x 65 x 5 l = 2025	8		2025	16.20	9.922	79.376	0.486	3.888	79.376			
	b	Plate 100 x 86 x5	12		—	—	0.337	4.044	0.017	0.264	4.044			
	c	Plate 100 x 20 x 8	12		—	—	0.125	1.500	0.004	0.048	1.500	Part no. 30 (a,b,c) to be welded up as shown alongside		
31	a	Angle 65 x 65 x 5 l = 2000	32		2000	64.00	9.800	313.60	—	—	313.600			
	b	Plate 100 x 86 x 5	48	Same as part no 30 b Plate 5 thick	—	—	0.337	16.176	—	—	16.176	Part no. 31 (a,b,c) to be welded up as shown alongside		
	c	Plate 100 x 20 x 8	48	Same as part no 30 c Plate 8 thick	—	—	0.125	6.00	—	—	6.00			
32	a	Angle 50 x 50 x 5 l = 2025	8		2025	16.20	7.695	61.560	0.405	3.240	61.560			
	b	Plate 100 x 86 x 5	4	Same as part no 30 b Plate 5 thick	—	—	0.337	1.348	0.017	0.068	1.348	Part no. 32 (a,b,c) to be welded up as shown alongside		
	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			
33	a	Angle 50 x 50 x 5 l = 2000	32		2000	64.00	7.600	243.20	—	—	243.20			
	b	Plate 100 x 86 x 5	18	Same as part no 30 b Plate 5 thick	—	—	0.337	6.066	—	—	6.006	Part no. 33 (a,b,c) to be welded up as shown alongside		
	c	Plate 100 x 20 x 8	18	Same as part no 30 c Plate 8 thick	—	—	0.125	2.250	—	—	2.250			
34	a	Flat 130 x 6 – 1140	11		1140	12.54	6.980	76.78	0.296	3.256	76.78			
	b	ISMC Channel 75 x 40 l =1626	11		1626	17.886	11.057	121.627	0.504	5.544	121.627	Part no. 34 (a,b,c) to be welded up as shown alongside		
													MoFALD / DoLIDAR / Trial Bridge Section Long Span Trail Bridge Standard	
													Bridge No : Name :	
													Span : 20.0 m	
													Strutural Drawing : Working and Assembly Drawing	
													Date: July 2013 Drawing No: T6W	

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

WELDING DETAIL OF PART II

SCALE 1:10

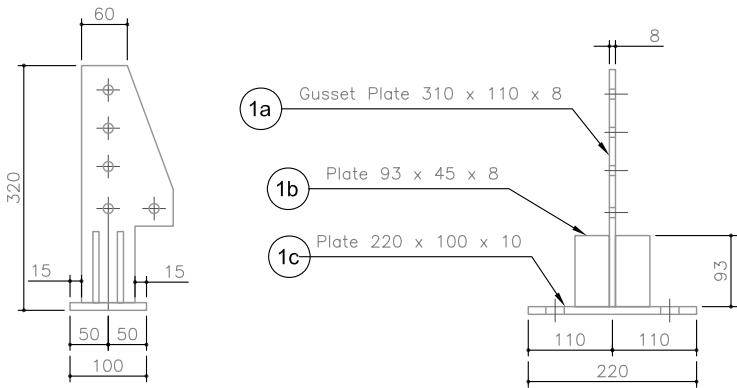


WELDING DETAIL OF PART 1

SCALE 1:10

SIDE ELEVATION

FRONT ELEVATION

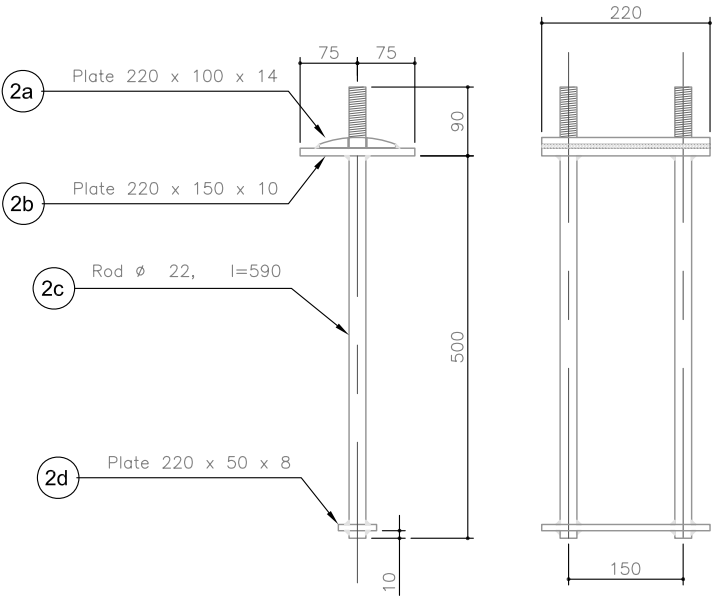


WELDING DETAIL OF PART 2

SCALE 1:10

SIDE ELEVATION

FRONT ELEVATION



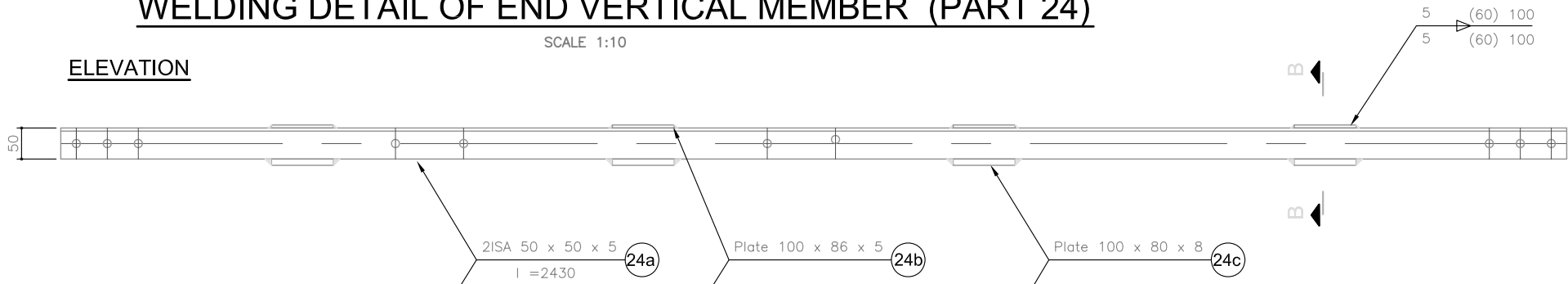
MoLD / DoLIDAR / Trial Bridge Section Long Span Trail Bridge Standard	
Bridge No :	Name :
Span : 20.0 m	
Strutural Drawing :	
Working and Assembly Drawing	
Date: July 2012	Drawing No: T8W

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

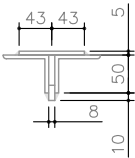
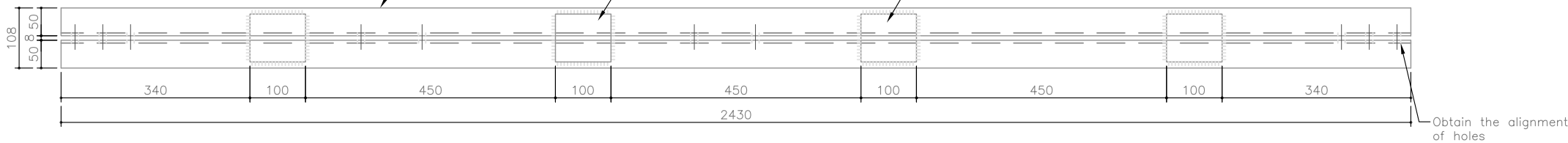
WELDING DETAIL OF END VERTICAL MEMBER (PART 24)

SCALE 1:10

ELEVATION



PLAN

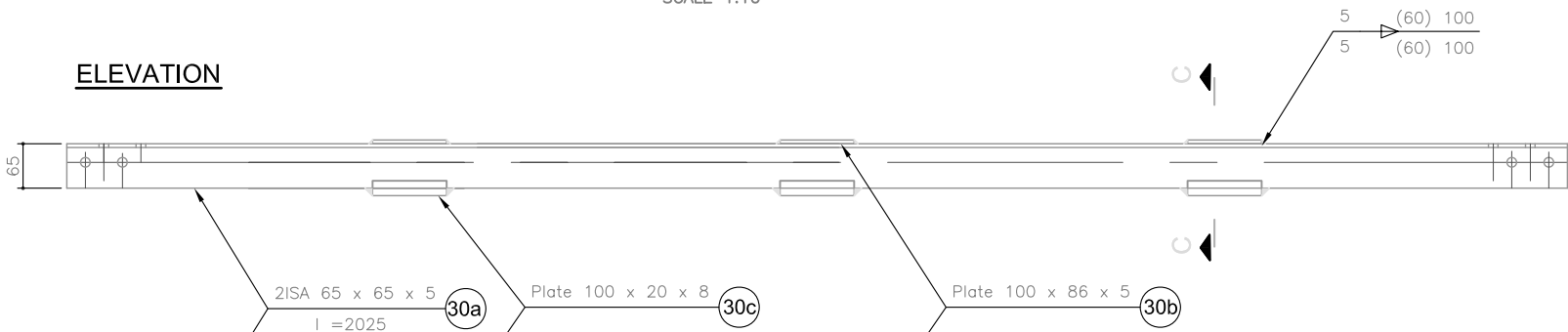


SECTION B-B

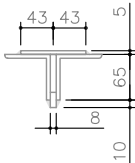
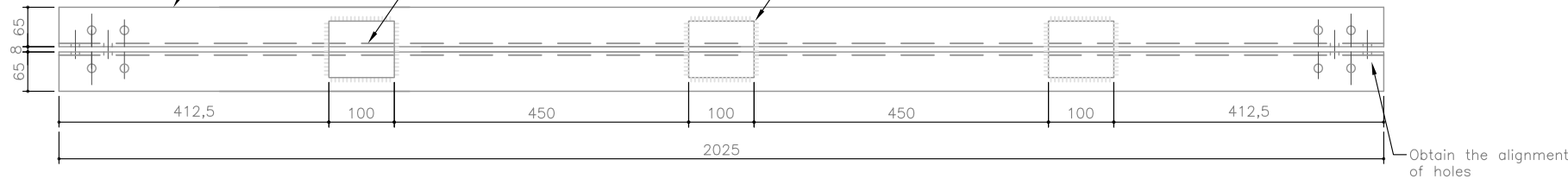
WELDING DETAIL OF TOP CHORD END MEMBER (PART 30)

SCALE 1:10

ELEVATION



PLAN



SECTION C-C

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

Bridge No : Name :

Span : 20.0 m

Strutural Drawing :

Working and Assembly Drawing

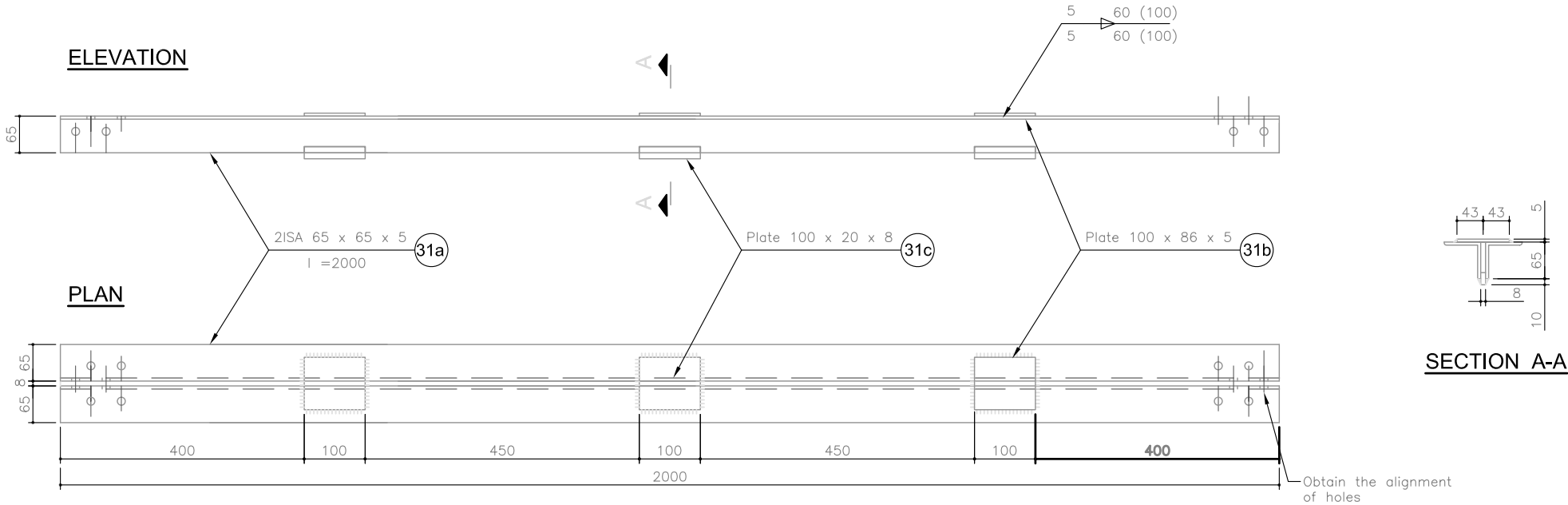
Date: July 2012

Drawing No: T9W

WELDING DETAIL OF TOP CHORD INTERIOR (PART 31)

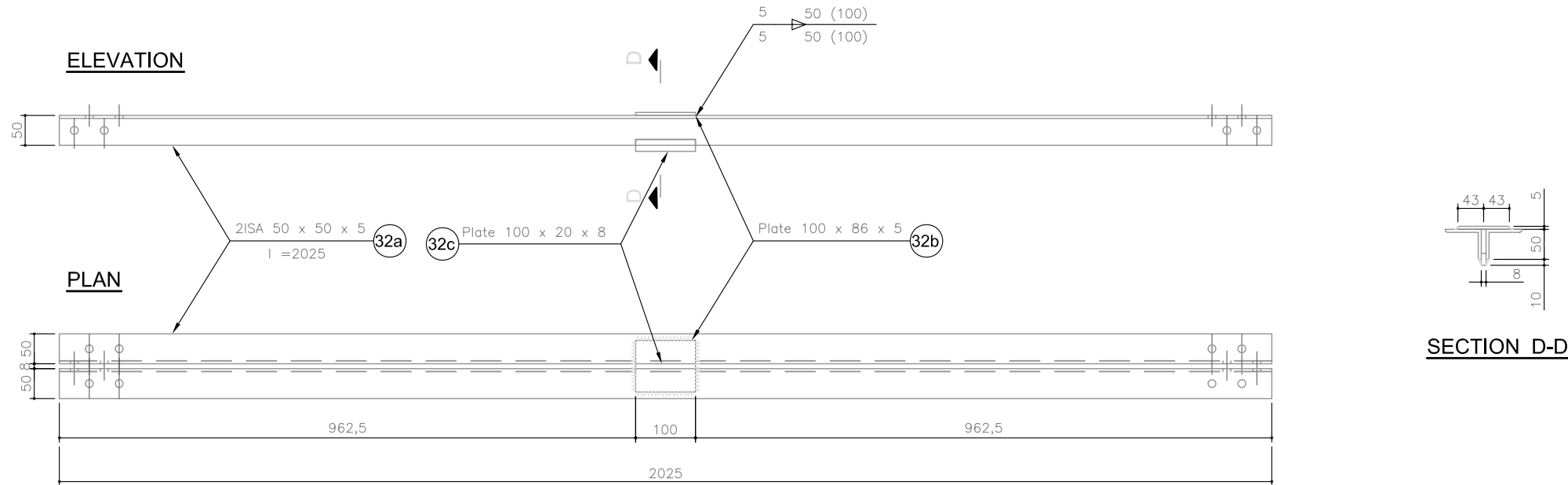
SCALE 1:10

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



WELDING DETAIL OF BOTTOM CHORD END MEMBER (PART 32)

SCALE 1:10



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

Bridge No : Name :

Span : 20.0 m

Strutural Drawing :

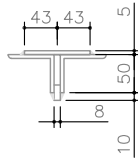
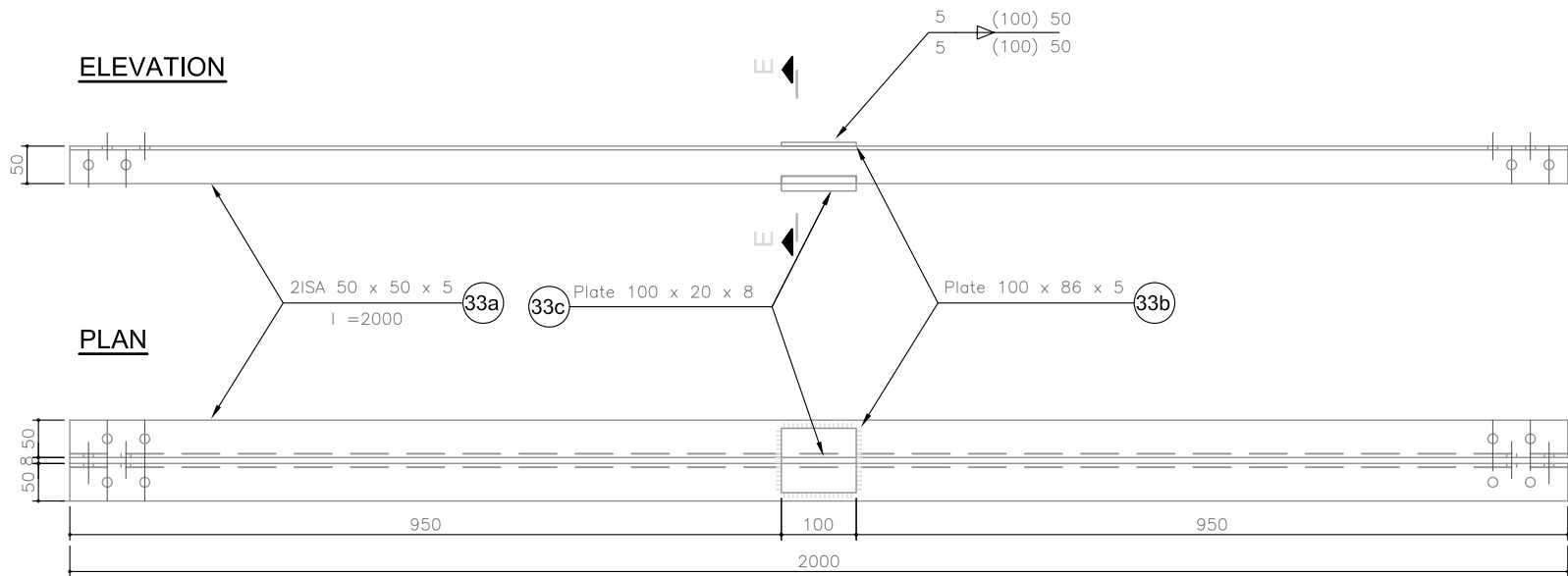
Working and Assembly Drawing

Date: July 2012

Drawing No: T10W

WELDING DETAIL OF BOTTOM CHORD INTERIOR MEMBER (PART 33)

SCALE 1:10



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 stellparts 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.

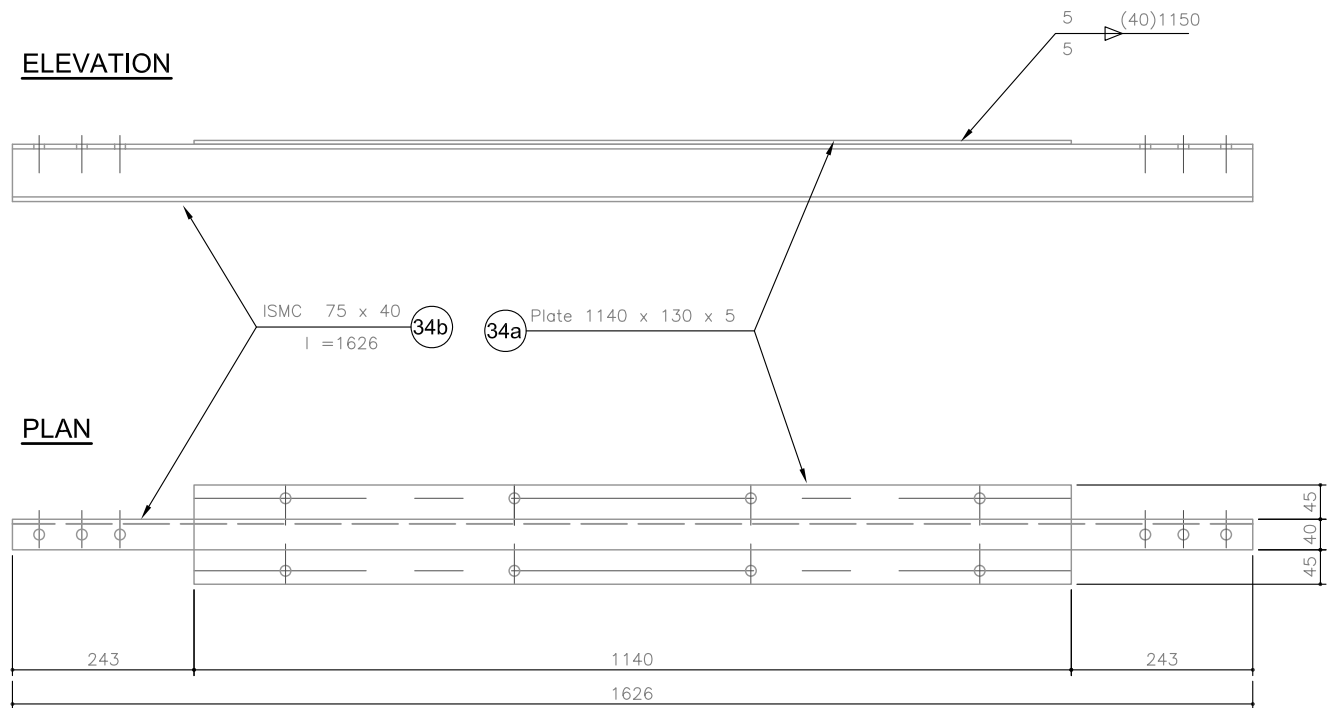
Para no	Item	Weight
211	Structural steel	2447.18kg.
243	Screws, bolts,nuts,washer Standard parts	129.21 kg.
251	Rust Preventaion by galvanization	2011.44 kg
410	Transportation	2479.26

Note :

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

WELDING DETAIL OF (PART 34)

SCALE 1:10



**MoFALD / DoLIDAR / Trial Bridge Section
Truss Bridge Standard**

Bridge No : **Name :**

Span : 20.0 m

Strutural Drawing :

Working and Assembly Drawing

Date: July 2013

Drawing No: T11W