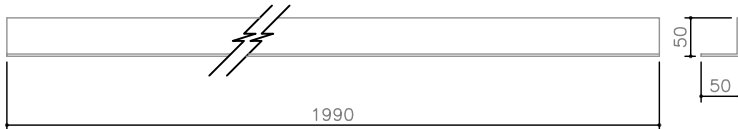
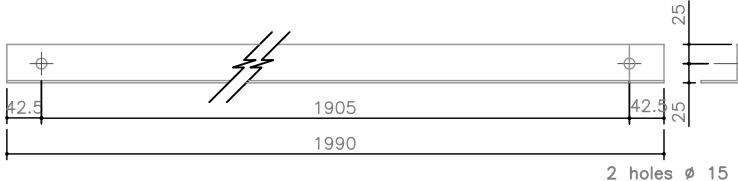
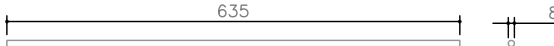
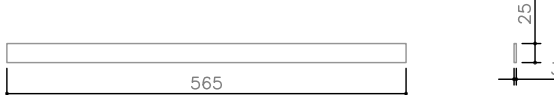
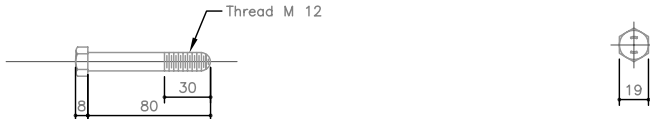


STANDARD PANNEL, STEEL PART LIST

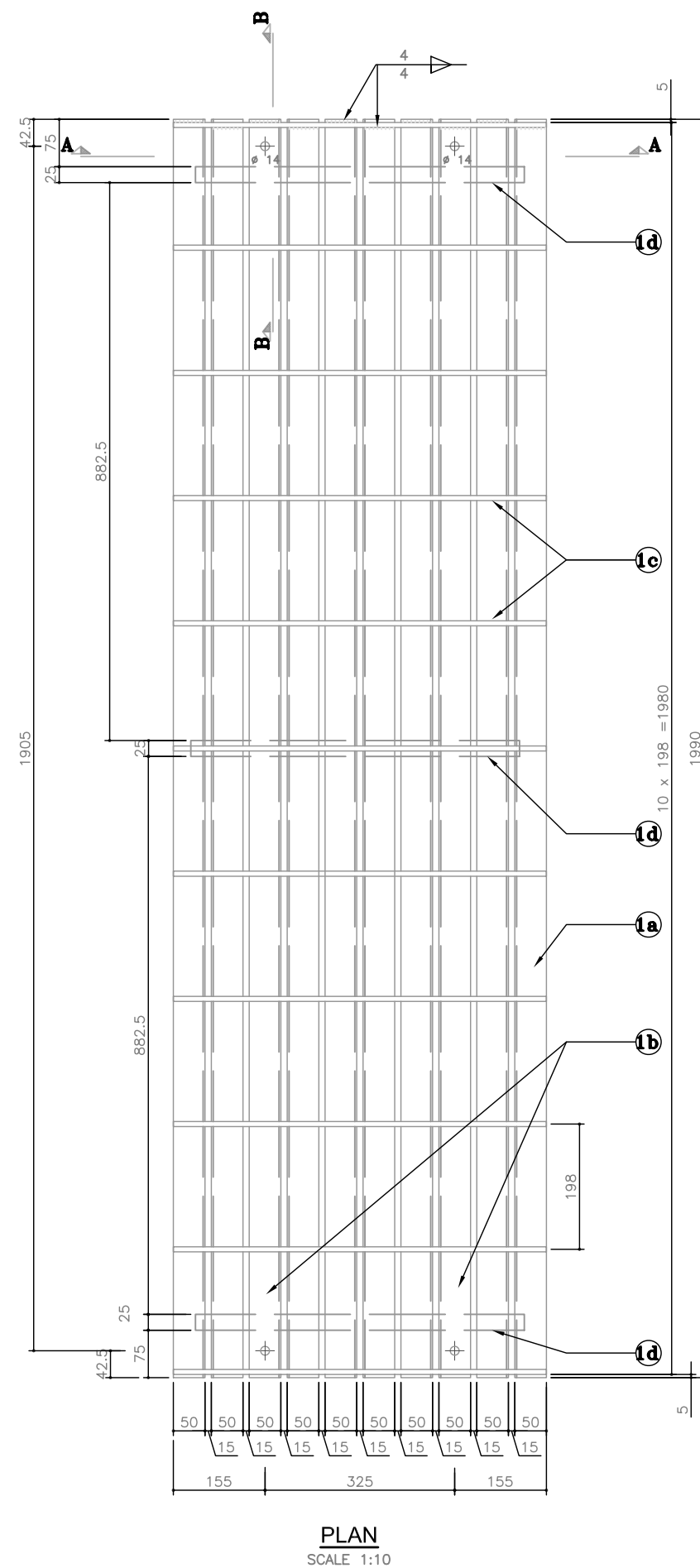
Part No.	Section	(mm)	Quantity	Working Drawing (All dimension in mm)	Length		Weight		Surface to be painted		Total weight for Glavanization kg	Remarks
					Single/pc mm	Total m	Single/pc mm	Total kg	m2 /pc	Total m2		
1	a	Angle 50x50x3–1990 cold Formed Rwf. IS 811 and IS B01	16		1990	31.84	4.577	73.232	0.398	6.368	73.232	Part nos. 1(a to c) to be welded together as shown in welded detail
	b1	Angle 50x50x3–1990 cold Formed Rwf. IS 811 and IS B01	4		1990	7.96	4.577	18.308	0.398	1.592	18.308	
	c	RI– Bar Ø 8mm – 635	22		635	13.97	0.250	5.500	0.015	0.330	5.500	
	d	Flat 25x3 – 565	6		565	3.390	0.332	1.994	0.029	0.174	1.994	
2	Hexagonal bolt M 12 x 80	8.4		–	–	0.083	0.692	–	–	–	5% extra pieces Ref. IS 1363	
3	Plain Washer M 12	8.4		–	–	0.005	0.042	–	–	–	5% extra pieces Ref. IS 1363	
4	Hexagonal nut M 12	8.4		–	–	0.018	0.151	–	–	–	5% extra pieces Ref. IS 6755	
TOTAL (1 – 4)									99.768 kg.	8.464m2	99.034 kg	
											Hot Dip Glavanisation Ref. IS 2629,IS2633 Weight of zinc coat 0.61 kg/m2	

SUMMERY OF STANDARD PANNEL

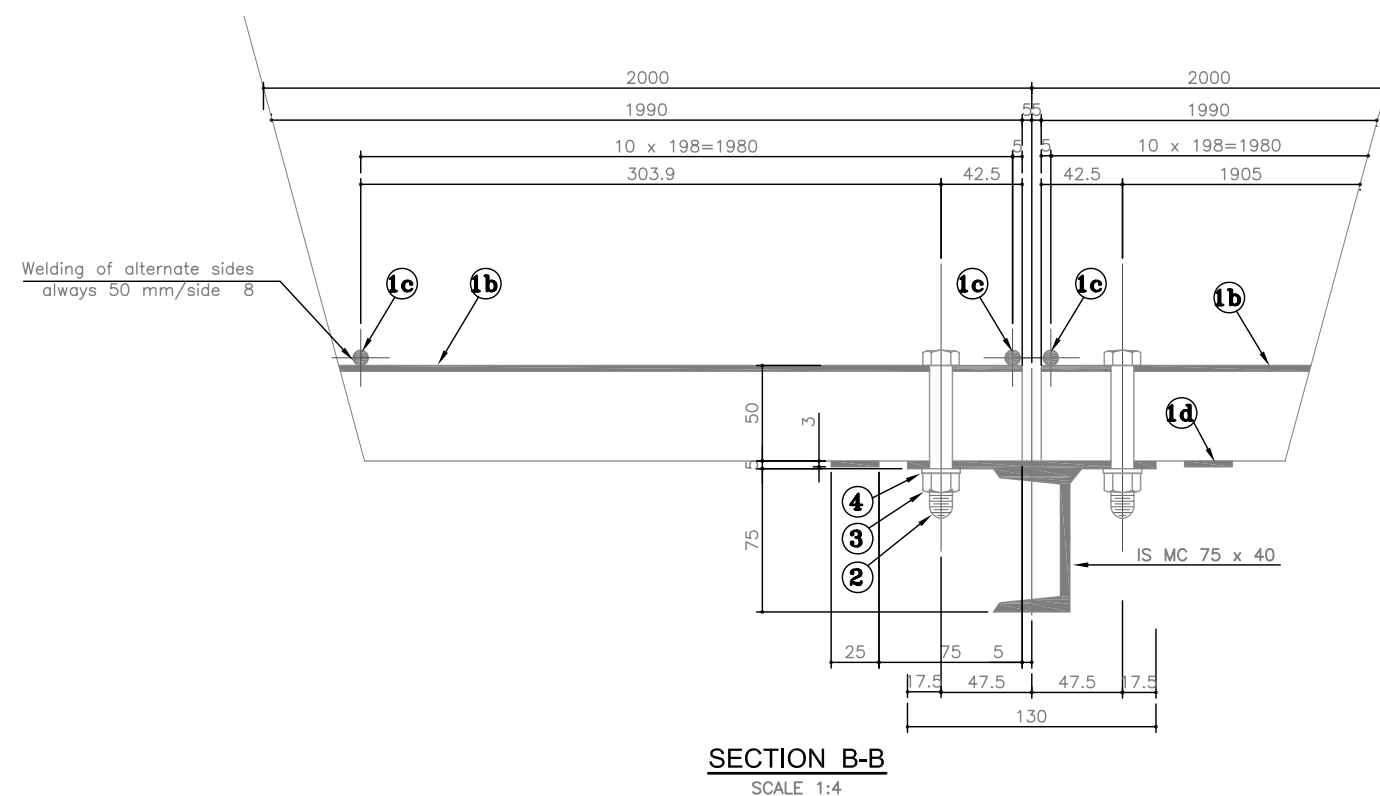
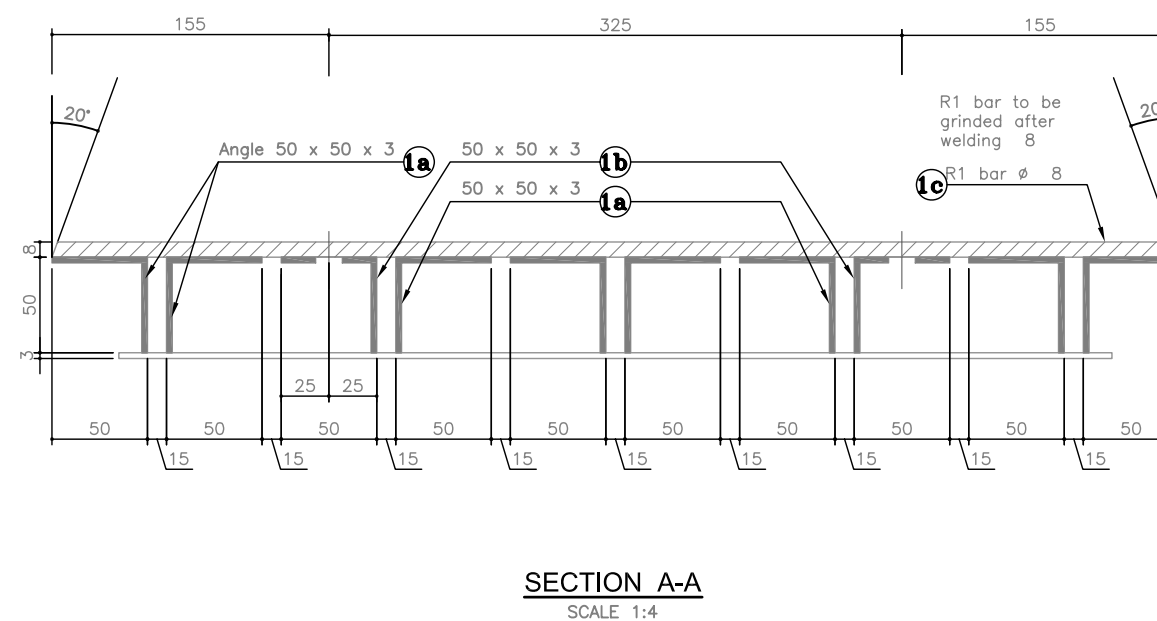
Part no.	Item	Weigth
241	Strutural steel, Standard parts	99.03 kg
243	Screw,bolts,nuts & washers	0.885 kg
410	Transportation	104.89 kg

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

MoFALD / DoLIDAR / Trial Bridge Section Long Span Trail Bridge Standard	
Bridge Name :	Span : 24.0 m
Bridge No :	Unit : 10
Strutural Drawing : Standard pannel	
Working Drawing of Steel Deck	
Date: July 2013	Drawing No: T1SD



WELDING DETAIL OF PART I



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

MoFALD / DoLIDAR / Trial Bridge Section Long Span Trail Bridge Standard		Page 2 of 6 Drawing No: T1SD
Bridge Name :	Span : 24.0 m	
Bridge No :	Unit : 10	
Strutural Drawing : Standard pannel		
Working Drawing of Steel Deck		
Date: July 2013	Drawing No: T2SD	

SPECIAL PANNEL -1, STEEL PART LIST

Part No.	Section	(mm)	Quantity	Working Drawing (All dimension in mm)	Length		Weight		Surface to be painted			Total weight for Glavanization kg	Remarks
					Single/pc mm	Total m	Single/pc mm	Total kg	m2 /pc	Total	m2		
1	a	Angle 50x50x3-2070 cold Formed Rwf. IS 811 and IS B01	16		2070	33.12	4.761	76.176	0.414	6.624		76.176	Part nos. 1(a to c) to be welded together as shown in welded detail
	b1	Angle 50x50x3-2070 cold Formed Rwf. IS 811 and IS B01	4		2070	8.28	4.761	19.044	0.414	1.656		19.044	
	c	RI- Bar Ø 8mm - 635	22		635	13.970	0.250	5.500	0.015	0.330		5.500	
	d	Flat 25x3 - 565	6		565	3.390	0.332	1.994	0.029	0.174		1.994	
2	Hexagonal bolt M 12 x 80		8.4		-	-	0.083	0.692				-	5% extra pieces Ref. IS 1363
3	Plain Washer M 12		8.4		-	-	0.005	0.042	-	-		-	5% extra pieces Ref. IS 6755
4	Hexagonal nut M 12		8.4		-	-	0.018	0.151				-	5% extra pieces Ref. IS 6755
TOTAL (1 - 4)					103.394 kg.					8.464m2		103.394 kg	107.501 kg

Hot Dip Glavanisation Ref. IS 2629,IS2633
Weight of zinc coat 0.61 kg/m2

SUMMERY OF SPECIAL PANNEL -1

Part no.	Item	Weigth
241	Strutural steel, Standard parts	103.394 kg
243	Screw,bolts,nuts & washers	0.885 kg
410	Transportation	109.486 kg

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

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

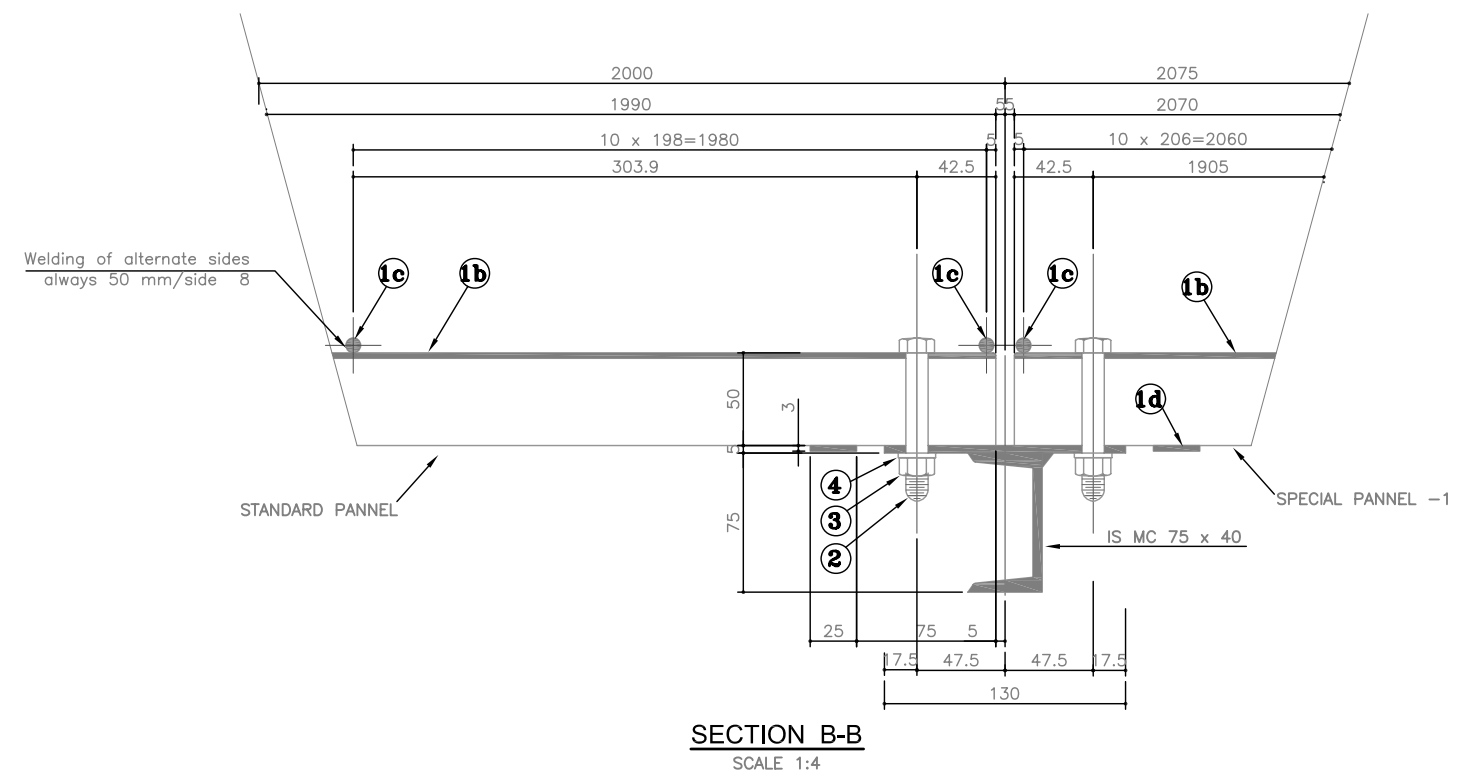
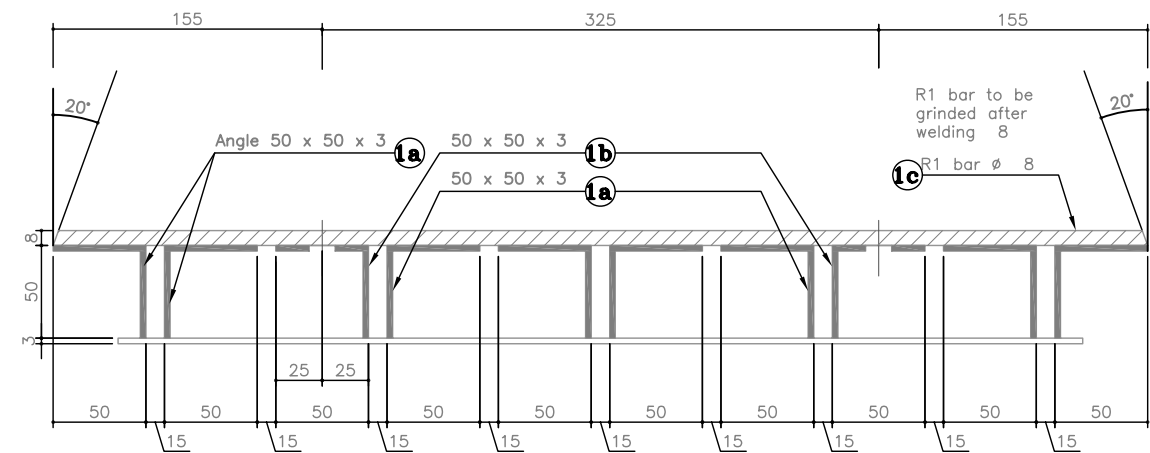
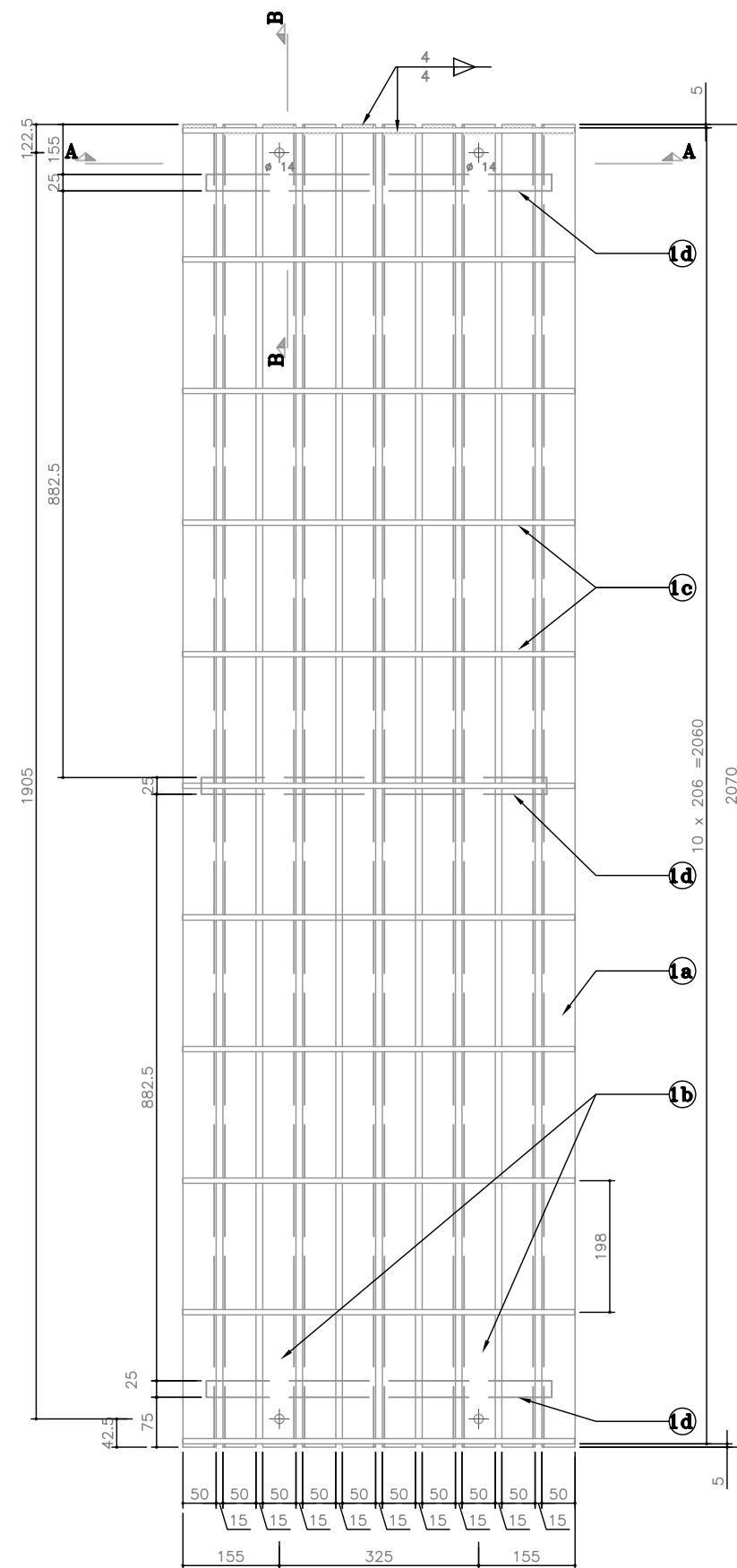
Bridge Name : Span : 24.0 m

Bridge No : Unit : 1

Strutural Drawing : Special pannel-1

Working Drawing of Steel Deck

Date: July 2013 Drawing No: T3SD



Note :

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

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

Bridge Name :	Span : 24.0 m	SD

Bridge No :	Unit : 1
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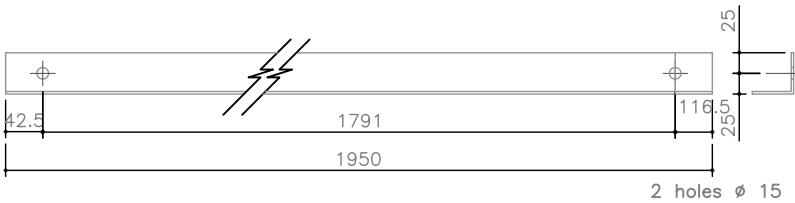
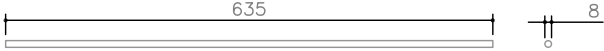
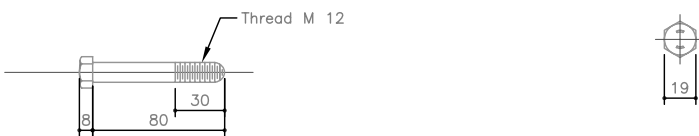
Strutural Drawing : **Special pannel -1**

Working Drawing of Steel Deck

Date: July 2013

Drawing No: T4SD

SPECIAL PANNEL -2, STEEL PART LIST

Part No.	Section (mm)	Quantity	Working Drawing (All dimension in mm)	Length		Weight		Surface to be painted			Total weight for Glavanization kg	Remarks
				Single/pc mm	Total m	Single/pc mm	Total kg	m2 /pc	Total m2			
1	a	Angle 50x50x3–1950 cold Formed Rwf. IS 811 and IS B01	16		1950	31.2	4.485	71.76	0.398	6.368	71.76	Part nos. 1(a to c) to be welded together as shown in welded detail
	b1	Angle 50x50x3–1950 cold Formed Rwf. IS 811 and IS B01	4		1950	7.80	4.485	17.94	0.398	1.592	17.94	
	c	RI– Bar Ø 8mm – 635	22		635	13.970	0.250	5.500	0.015	0.330	5.500	
	d	Flat 25x3 – 565	6		565	3.39	0.332	1.994	0.029	0.174	1.994	
2	Hexagonal bolt M 12 x 80	8.4		–	–	–	0.083	0.692	–	–	–	5% extra pieces Ref. IS 1363
3	Plain Washer M 12	8.4		–	–	–	0.005	0.042	–	–	–	5% extra pieces Ref. IS 6755
4	Hexagonal nut M 12	8.4		–	–	–	0.018	0.151	–	–	–	5% extra pieces Ref. IS 6755
TOTAL (1 – 4)				97.194 kg.				–	8.464m2	–		

Hot Dip Glavanisation Ref. IS 2629,IS2633
Weight of zinc coat 0.61 kg/m2

SUMMERY OF SPECIAL PANNEL –2

Part no.	Item	Weigth
241	Strutural steel, Standard parts	97.194 kg
243	Screw,bolts,nuts & washers	0.885 kg
410	Transportation	103.286 kg

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

MoFALD / DoLIDAR / Trial Bridge Section Long Span Trail Bridge Standard	
Bridge Name :	Span : 24.0 m
Bridge No :	Unit : 1
Strutural Drawing :	Special pannel–2
Working Drawing of Steel Deck	
Date: July 2013	Drawing No: T5SD

