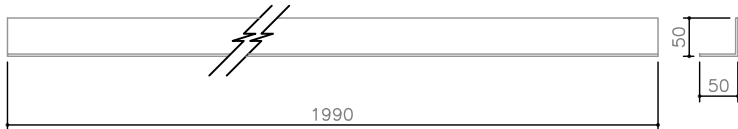
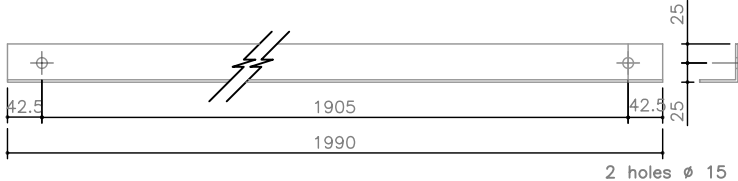
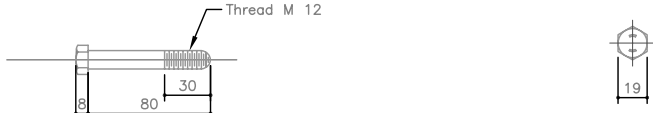


STANDARD PANNEL, STEEL PART LIST

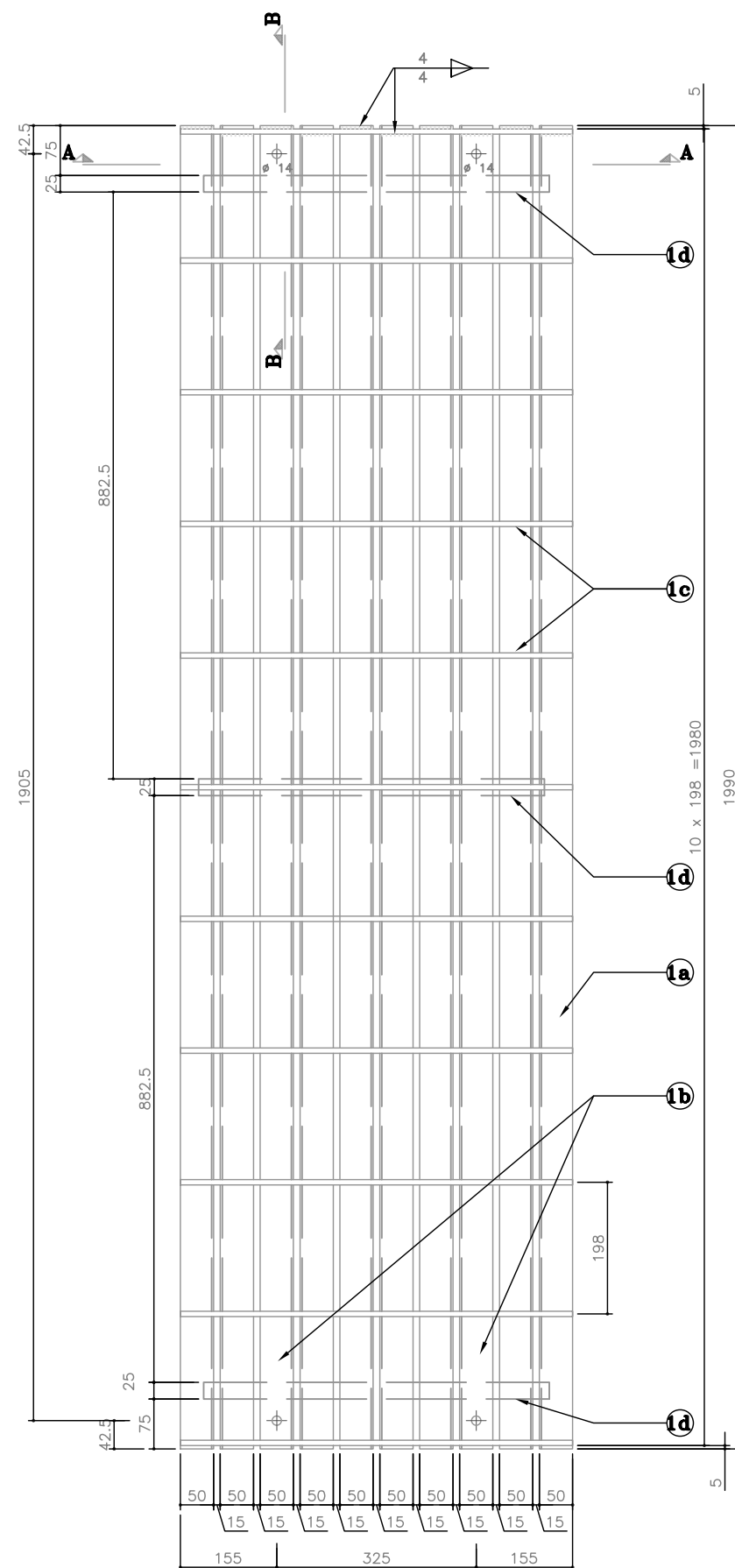
| Part No.      | Section                  | (mm)                                                  | Quantity                                                                             | Working Drawing<br>(All dimension in mm)                                           | Length       |         | Weight       |          | 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<br>Weight of zinc coat 0.61 kg/m2 |                                                                     |

SUMMARY OF STANDARD PANNEL

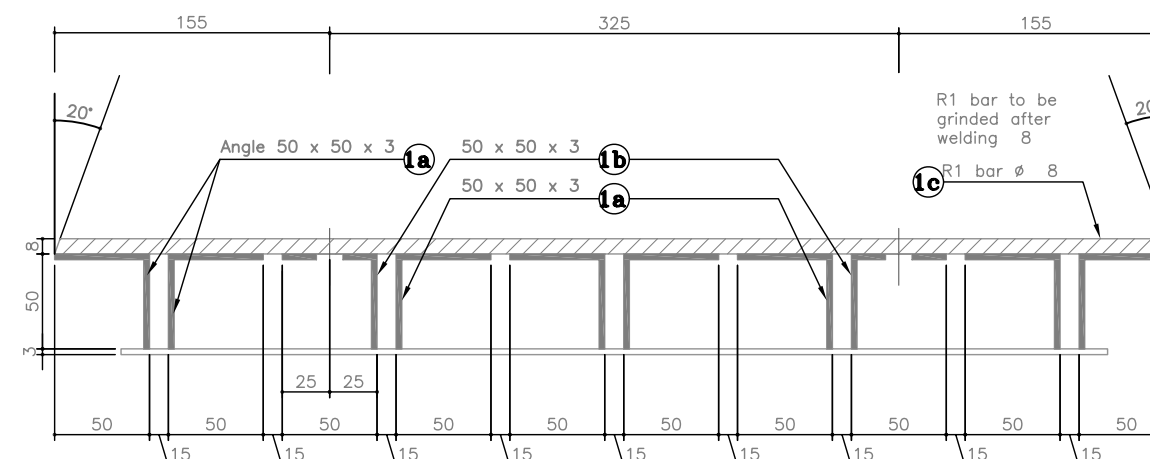
| Part no. | Item                            | Weigth    |
|----------|---------------------------------|-----------|
| 241      | Strutural steel, Standard parts | 99.03 kg  |
| 243      | Screw,bolts,nuts & washers      | 0.885 kg  |
| 410      | Transportation                  | 104.89 kg |

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

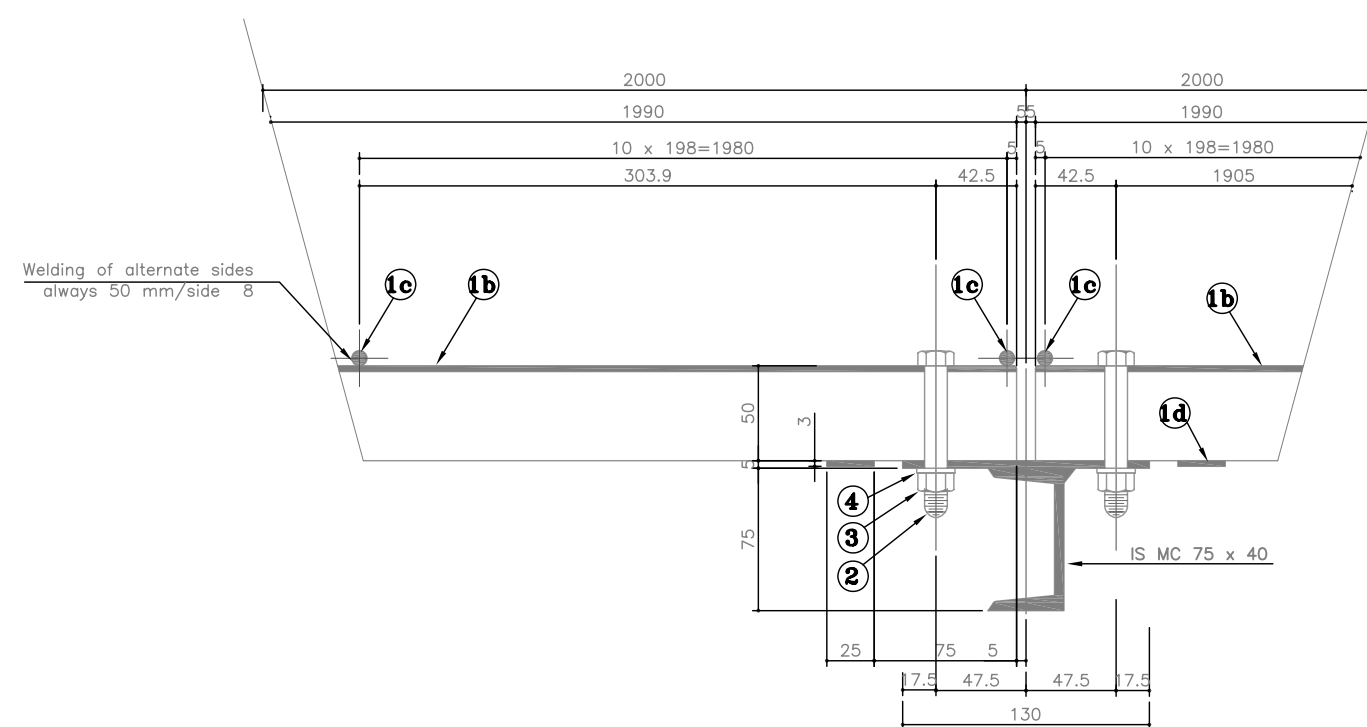
|                                                                  |                  |
|------------------------------------------------------------------|------------------|
| MoFALD / DoLIDAR / Trial Bridge Section<br>Truss Bridge Standard |                  |
| Bridge Name :                                                    | Span : 20.0 m    |
| Bridge No :                                                      | Unit : 8         |
| Strutural Drawing : Standard pannel                              |                  |
| Working Drawing of Steel Deck                                    |                  |
| Date: July 2013                                                  | Drawing No: T1SD |



PLAN  
SCALE 1:10



SECTION A-A  
SCALE 1:4



SECTION B-B  
SCALE 1:4

Welding of part 1c to part 1a and 1b at both sides of part 1c  
Min welding length = 50 mm/side  
Total welding length (min) 5500 mm/Grating part 1c  
500 mm/Grating part 1d  
All edges have to be grinded smooth.

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

|                                         |                  |
|-----------------------------------------|------------------|
| MoFALD / DoLIDAR / Trial Bridge Section |                  |
| Truss Bridge Standard                   |                  |
| Bridge Name :                           | Span : 20.0 m    |
| Bridge No :                             | Unit : 8         |
| 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<br>(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                                                          |

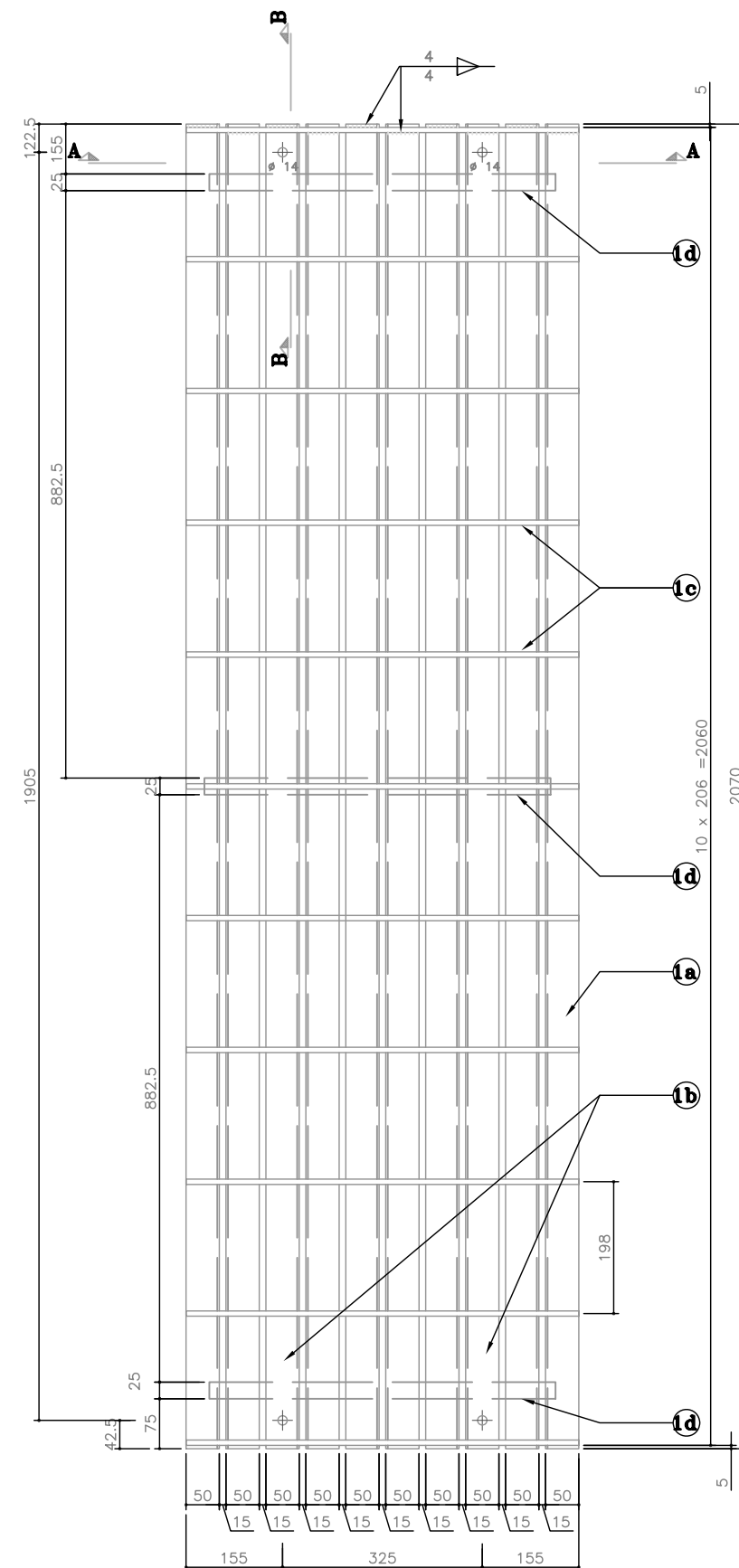
Hot Dip Glavanisation Ref. IS 2629,IS2633  
Weight of zinc coat 0.61 kg/m2

SUMMERY OF SPECIAL PANNEL –1

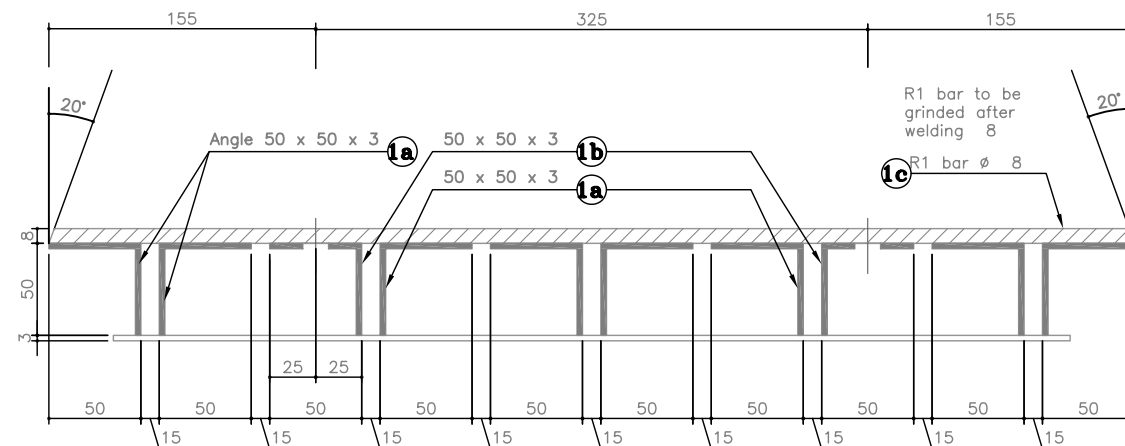
| Part no. | Item                            | Weigth     |
|----------|---------------------------------|------------|
| 241      | Strutural steel, Standard parts | 103.394 kg |
| 243      | Screw,bolts,nuts & washers      | 0.885 kg   |
| 410      | Transportation                  | 109.486 kg |

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

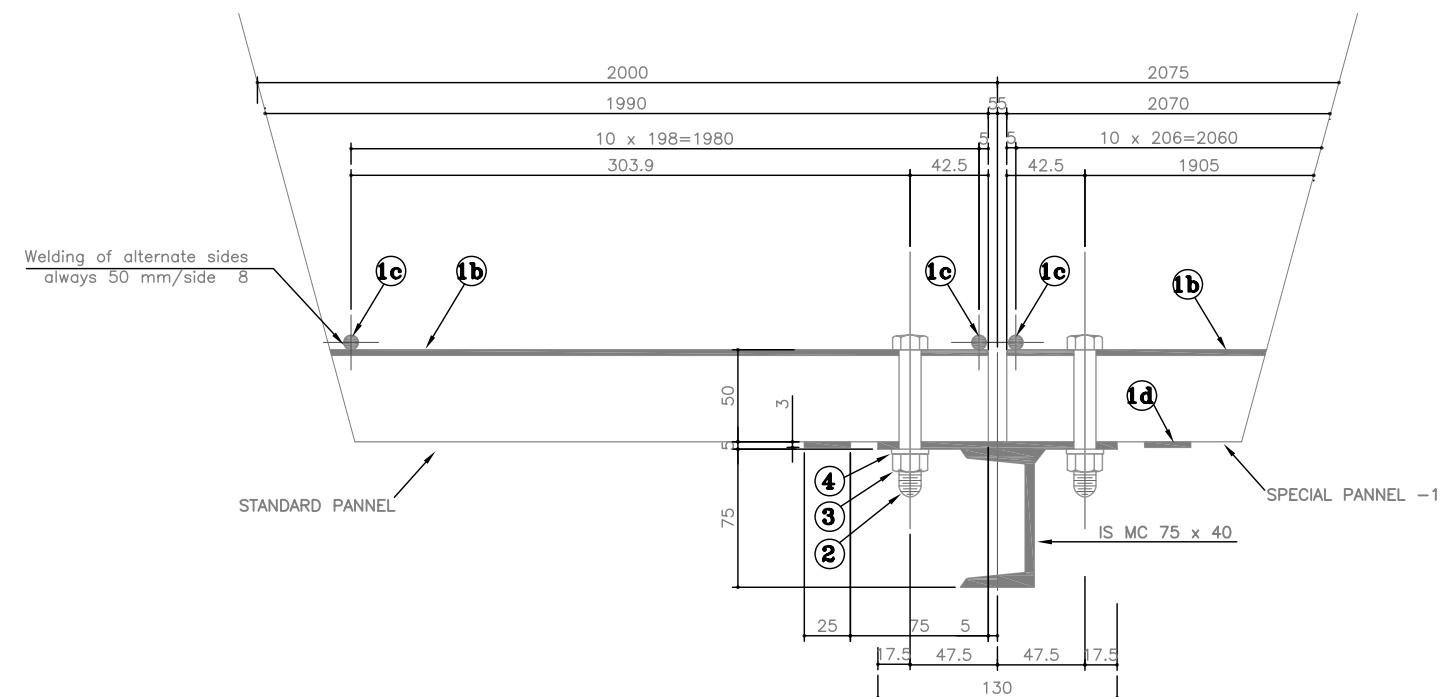
|                                                                  |                  |
|------------------------------------------------------------------|------------------|
| MoFALD / DoLIDAR / Trial Bridge Section<br>Truss Bridge Standard |                  |
| Bridge Name :                                                    | Span : 20.0 m    |
| Bridge No :                                                      | Unit : 1         |
| Strutural Drawing : Special pannel–1                             |                  |
| Working Drawing of Steel Deck                                    |                  |
| Date: July 2013                                                  | Drawing No: T3SD |



**PLAN**  
SCALE 1:10



**SECTION A-A**  
SCALE 1:4



**SECTION B-B**  
SCALE 1:4

Welding of part 1c to part 1a and 1b at both sides of part 1c  
Min welding length = 50 mm/side  
Total welding length (min) 5500 mm/Grating part 1c  
500 mm/Grating part 1d  
All edges have to be grinded smooth.

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

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

**Bridge Name :** **Span : 20.0 m**

**Bridge No :** **Unit : 1**

**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<br>(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 |    |                                   |                                                                     |

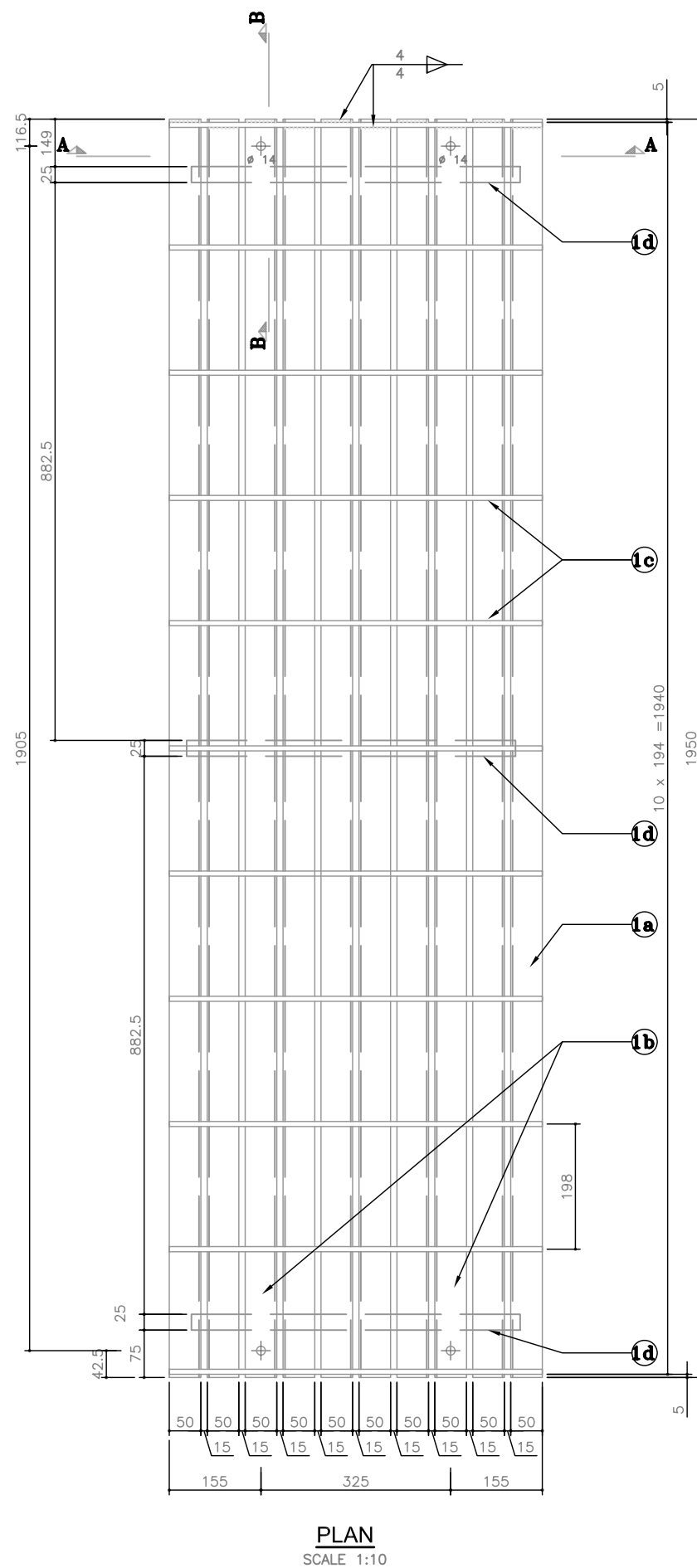
Hot Dip Glavanisation Ref. IS 2629,IS2633  
Weight of zinc coat 0.61 kg/m2

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 |

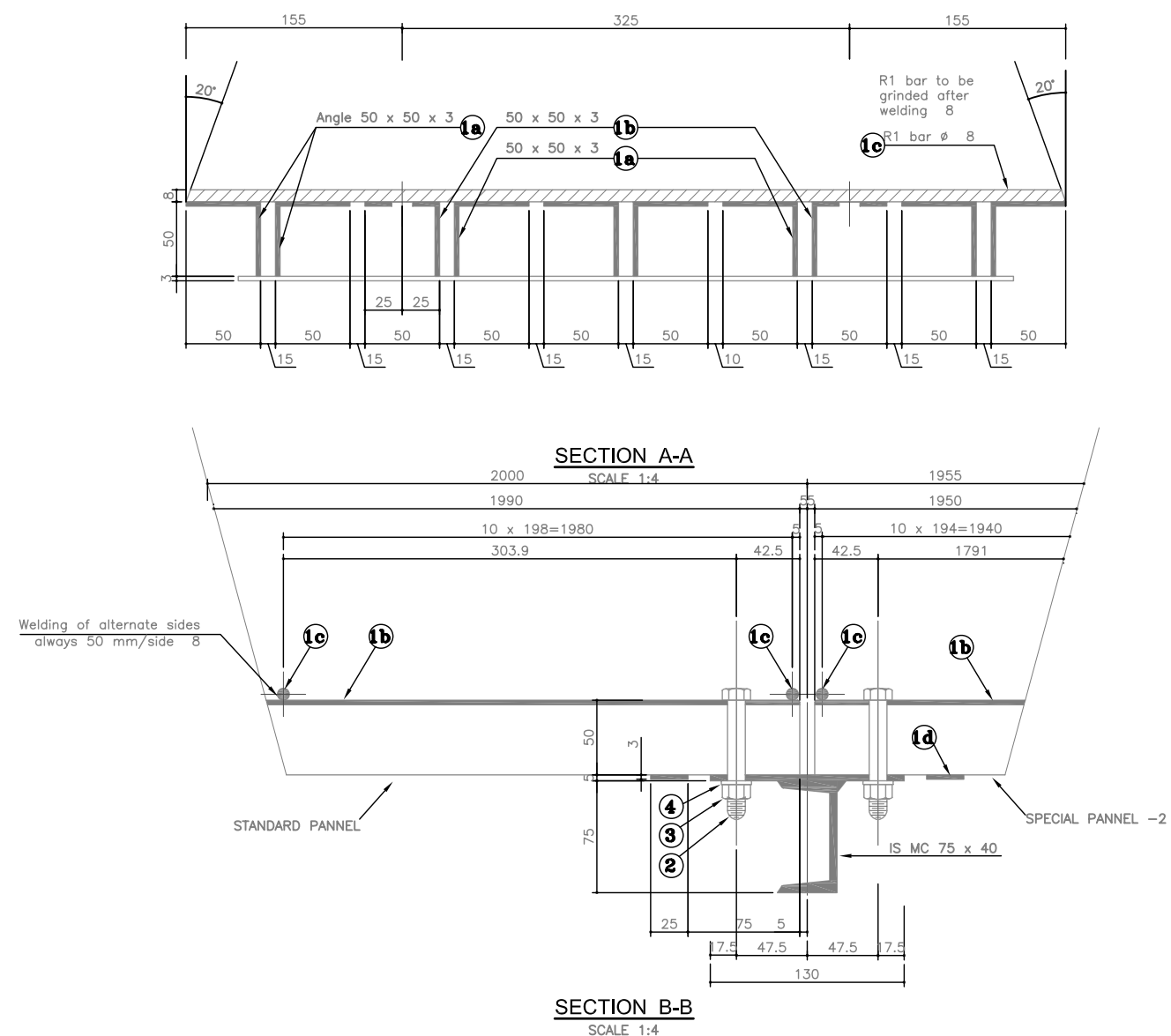
Note :  
Manufacturer should verify the Working and Assembly  
Drawing for it's accuracy before fabrication

|                                                                  |                  |
|------------------------------------------------------------------|------------------|
| MoFALD / DoLIDAR / Trial Bridge Section<br>Truss Bridge Standard |                  |
| Bridge Name :                                                    | Span : 20.0 m    |
| Bridge No :                                                      | Unit : 1         |
| Strutural Drawing :                                              | Special pannel–2 |
| Working Drawing of Steel Deck                                    |                  |
| Date: July 2013                                                  | Drawing No: T5SD |



## SPECIAL PANNEL -2

### WELDING DETAIL OF SPECIAL PANNEL 2



Welding of part 1c to part 1a and 1b at both sides of part 1c  
Min welding length = 50 mm/side  
Total welding length (min) 5500 mm/Grating part 1c  
500 mm/Grating part 1d  
All edges have to be grinded smooth.

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

MoFALD / DoLIDAR / Trial Bridge Section  
Truss Bridge Standard

Bridge Name : Span : 20.0 m

Bridge No : Unit : 1

Strutural Drawing : Special pannel-2

Working Drawing of Steel Deck

Date: July 2013

Drawing No: T6SD