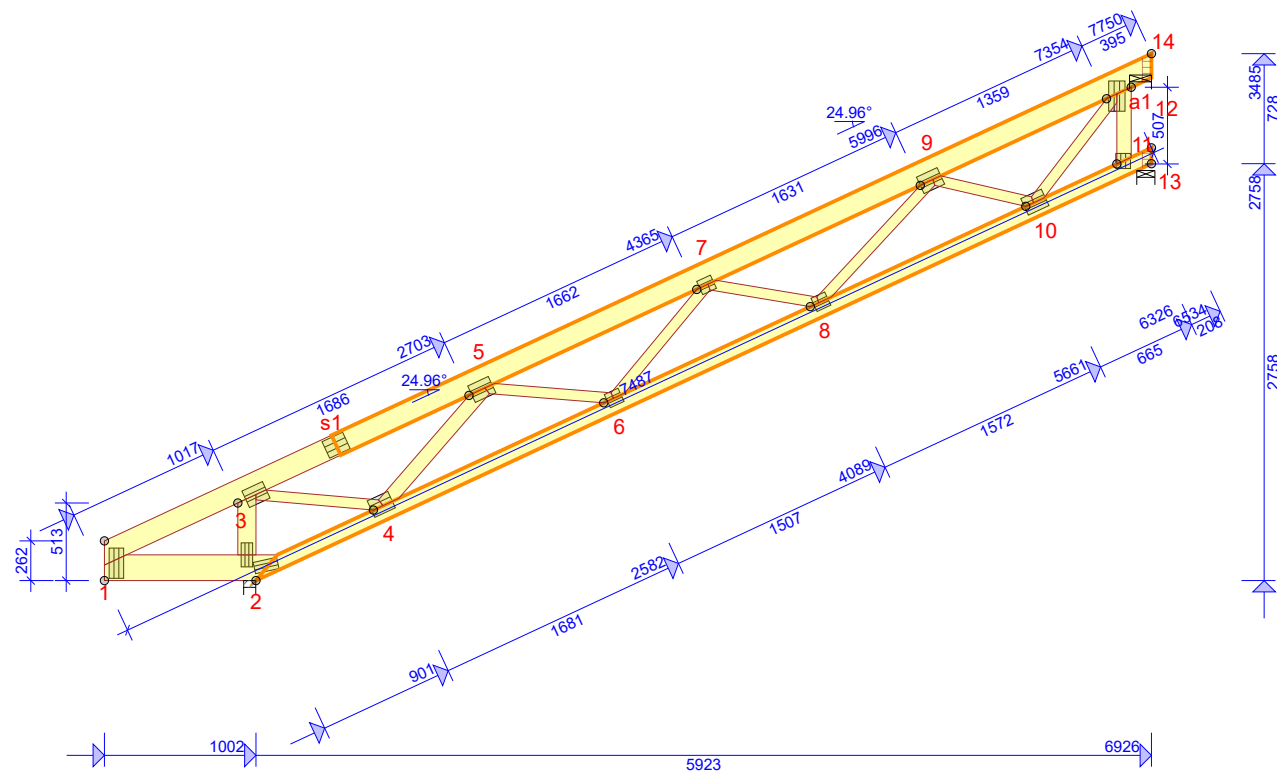


**S6.1 - 1 no.**

BRACINGS ACCORDING TO TIMBER TABLE AND STABILITY OF THE TRUSS SYSTEM SHALL BE DESIGNED SEPARATELY



| TIMBER             |             |                 |                   |
|--------------------|-------------|-----------------|-------------------|
|                    |             | THICKNESS 45 mm |                   |
| JOINT<br>FROM - TO | DEPTH<br>mm | GRADE           | BRACING<br>mm/no. |
| 1-14               | 145         | C24             | 350               |
| 2-13               | 95          | C24             | 350               |
| 1-2                | 170         | C24             | Sheeting          |
| 2-3                | 120         | C24             | None              |
| 11-12              | 95          | C24             | None              |
| 3-4                | 70          | C14             | None              |
| 4-5                | 95          | C14             | None              |
| 5-6                | 70          | C14             | None              |
| 6-7                | 70          | C14             | None              |
| 7-8                | 70          | C14             | None              |
| 8-9                | 70          | C14             | None              |
| 9-10               | 70          | C14             | None              |
| 10-12              | 70          | C14             | None              |

| LOADS (N/m <sup>2</sup> )     |                       |
|-------------------------------|-----------------------|
| SNOW ZONE:                    | 1.5                   |
| SNOW LOAD (Sk):               | 1500 N/m <sup>2</sup> |
| WIND LOAD (qp(z)):            | 644 N/m <sup>2</sup>  |
| DEAD LOAD ON ROOF:            | 650                   |
| DEAD LOAD ON CEILING EXPOSED: | 100                   |
| DEAD LOAD ON CEILING:         | 500                   |
| DEAD LOAD ON WALL:            | 150                   |
| SELF-WEIGHT ADDED             |                       |

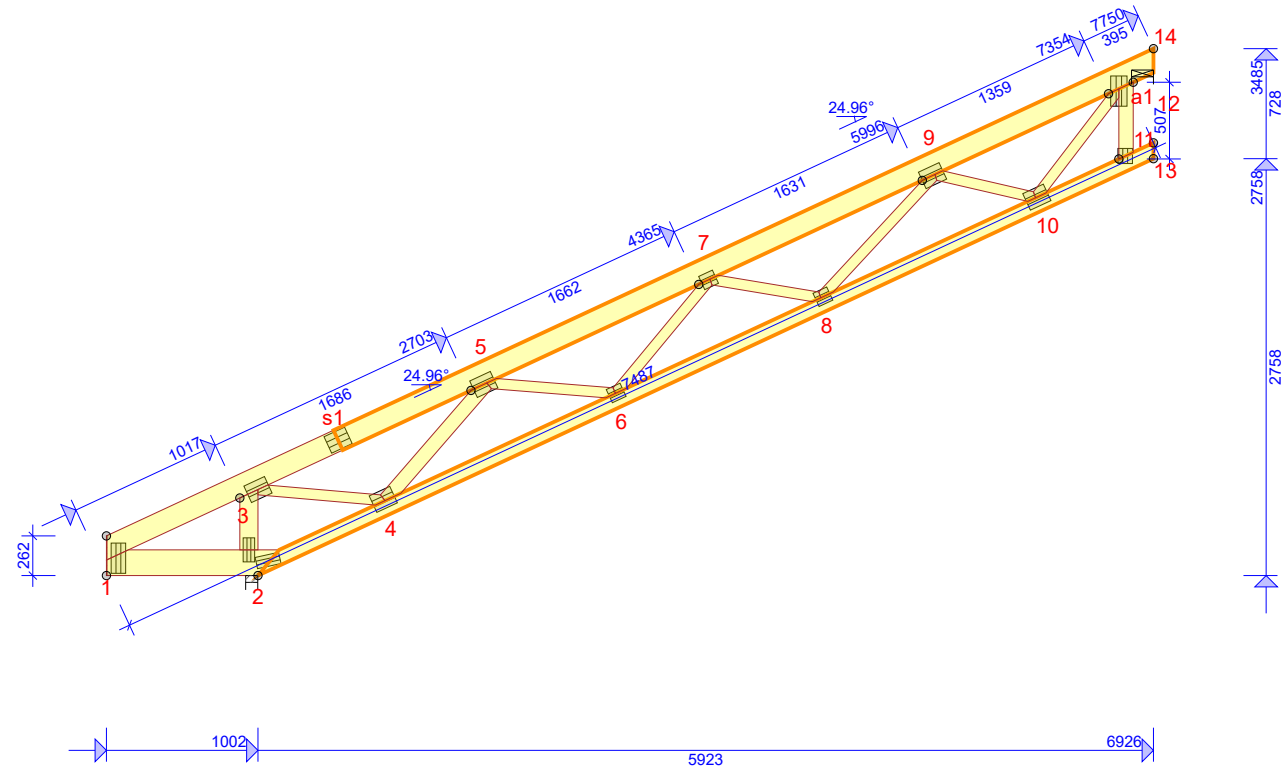
| GENERAL SETTINGS          |                     |
|---------------------------|---------------------|
| TIMBER THICKNESS (mm):    | 45                  |
| TRUSS WEIGHT (kg/ply):    | 58                  |
| TRUSS CENTRES (mm):       | 900                 |
| LOAD SHARING FACTOR:      | 1.1                 |
| SERVICE CLASS:            | 2 = 65% <= RH < 85% |
| BRACING: SEE TIMBER TABLE |                     |

|                                                                                                                                                                                                                                               |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>GENERAL DIRECTIONS</b>                                                                                                                                                                                                                     |
| THE STRUCTURE HAS BEEN CALCULATED USING<br>COMPUTER PROGRAM "MITEK PAMIR",<br>OU Alusehitus_2 - LICENSE: 15039<br>DESIGN CODE: EN 1995-1-1:2004 + A2:2014 + EE NA:2007 +<br>A1:2008 + EE NA:2009<br>FULL DESIGN RESULTS AS PER CALC. PRINTOUT |

© The drawing is protected under copyright law and may not be copied, distributed or otherwise used without the author's consent.

S6.2 - 3 no.

BRACINGS ACCORDING TO TIMBER TABLE AND STABILITY OF THE TRUSS SYSTEM SHALL BE DESIGNED SEPARATELY



| TIMBER THICKNESS 45 mm |          |       |                |
|------------------------|----------|-------|----------------|
| JOINT FROM - TO        | DEPTH mm | GRADE | BRACING mm/no. |
| 1-14                   | 145      | C24   | 350            |
| 2-13                   | 95       | C24   | 350            |
| 1-2                    | 170      | C24   | Sheeting       |
| 2-3                    | 120      | C24   | None           |
| 11-12                  | 95       | C24   | None           |
| 3-4                    | 70       | C14   | None           |
| 4-5                    | 95       | C14   | None           |
| 5-6                    | 70       | C14   | None           |
| 6-7                    | 70       | C14   | None           |
| 7-8                    | 70       | C14   | None           |
| 8-9                    | 70       | C14   | None           |
| 9-10                   | 70       | C14   | None           |
| 10-12                  | 70       | C14   | None           |

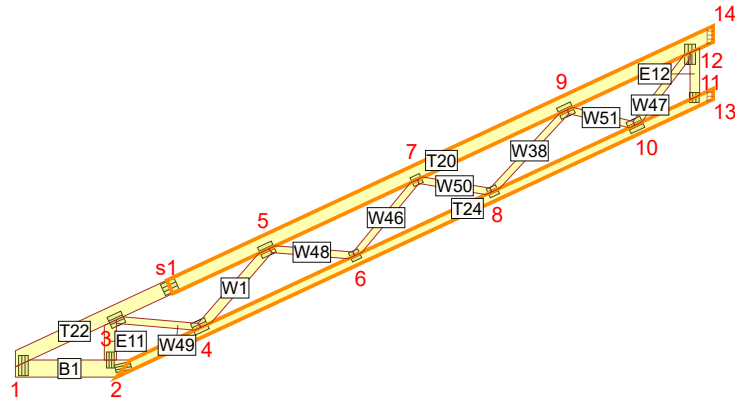
| LOADS (N/m²)                  |           |
|-------------------------------|-----------|
| SNOW ZONE:                    | 1.5       |
| SNOW LOAD (Sk):               | 1500 N/m² |
| WIND LOAD (qp(z)):            | 644 N/m²  |
| DEAD LOAD ON ROOF:            | 650       |
| DEAD LOAD ON CEILING EXPOSED: | 100       |
| DEAD LOAD ON WALL:            | 150       |
| SELF-WEIGHT ADDED             |           |

| GENERAL SETTINGS          |                     |
|---------------------------|---------------------|
| TIMBER THICKNESS (mm):    | 45                  |
| TRUSS WEIGHT (kg/ply):    | 58                  |
| TRUSS CENTRES (mm):       | 900                 |
| LOAD SHARING FACTOR:      | 1.1                 |
| SERVICE CLASS:            | 2 = 65% <= RH < 85% |
| BRACING: SEE TIMBER TABLE |                     |

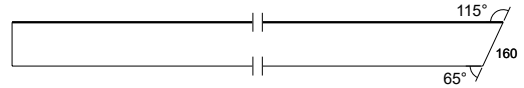
| GENERAL DIRECTIONS                                                                                       |  |
|----------------------------------------------------------------------------------------------------------|--|
| THE STRUCTURE HAS BEEN CALCULATED USING COMPUTER PROGRAM "MITEK PAMIR", OU Alusehitus_2 - LICENSE: 15039 |  |
| DESIGN CODE: EN 1995-1-1:2004 + A2:2014 + EE NA:2007 + A1:2008 + EE NA:2009                              |  |
| FULL DESIGN RESULTS AS PER CALC. PRINTOUT                                                                |  |

© The drawing is protected under copyright law and may not be copied, distributed or otherwise used without the author's consent.

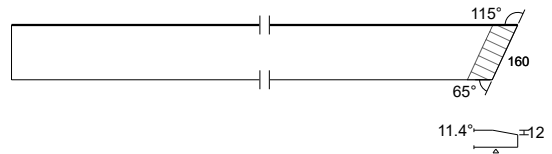
S6

**TOP CHORD - T19**

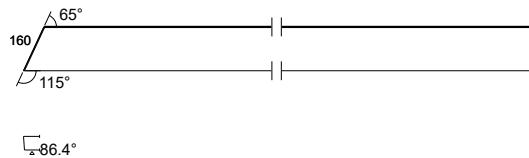
|            |                |                 |
|------------|----------------|-----------------|
| S6.2 s1-14 | Dim./Grade     | 45 x 145 mm C24 |
|            | Total length:  | 5983 mm         |
|            | Centre length: | 5949 mm         |
|            | Qty. per ply:  | 1 no.           |
|            | Total qty.:    | 3 no.           |

**TOP CHORD - T20**

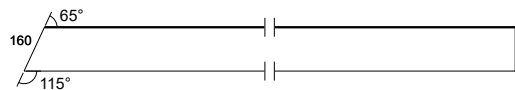
|            |                |                 |
|------------|----------------|-----------------|
| S6.1 s1-14 | Dim./Grade     | 45 x 145 mm C24 |
|            | Total length:  | 5983 mm         |
|            | Centre length: | 5949 mm         |
|            | Qty. per ply:  | 1 no.           |
|            | Total qty.:    | 1 no.           |

**TOP CHORD - T21**

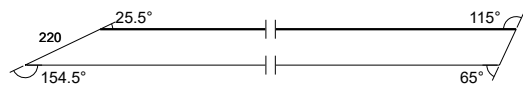
|           |                |                 |
|-----------|----------------|-----------------|
| S6.2 1-s1 | Dim./Grade     | 45 x 145 mm C24 |
|           | Total length:  | 1724 mm         |
|           | Centre length: | 1690 mm         |
|           | Qty. per ply:  | 1 no.           |
|           | Total qty.:    | 3 no.           |

**TOP CHORD - T22**

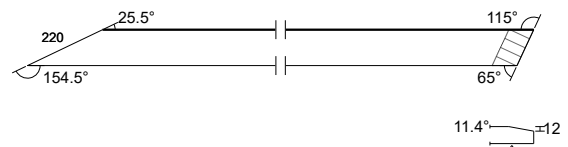
|           |                |                 |
|-----------|----------------|-----------------|
| S6.1 1-s1 | Dim./Grade     | 45 x 145 mm C24 |
|           | Total length:  | 1724 mm         |
|           | Centre length: | 1690 mm         |
|           | Qty. per ply:  | 1 no.           |
|           | Total qty.:    | 1 no.           |

**TOP CHORD - T23**

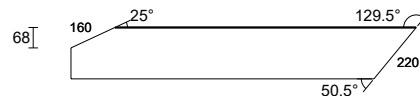
|           |                |                |
|-----------|----------------|----------------|
| S6.2 2-13 | Dim./Grade     | 45 x 95 mm C24 |
|           | Total length:  | 6578 mm        |
|           | Centre length: | 6457 mm        |
|           | Qty. per ply:  | 1 no.          |
|           | Total qty.:    | 3 no.          |

**TOP CHORD - T24**

|           |                |                |
|-----------|----------------|----------------|
| S6.1 2-13 | Dim./Grade     | 45 x 95 mm C24 |
|           | Total length:  | 6578 mm        |
|           | Centre length: | 6457 mm        |
|           | Qty. per ply:  | 1 no.          |
|           | Total qty.:    | 1 no.          |

**BOTTOM CHORD - B1**

|          |                |                 |
|----------|----------------|-----------------|
| S6.1 1-2 | Dim./Grade     | 45 x 170 mm C24 |
|          | Total length:  | 1143 mm         |
|          | Centre length: | 1072 mm         |
|          | Qty. per ply:  | 1 no.           |
|          | Total qty.:    | 1 no.           |



JOB NO.

2-17-22

CUTTING BILL

Page 1/3

10/05/2022 - 14:42  
10.1 SR1b (12fe102)

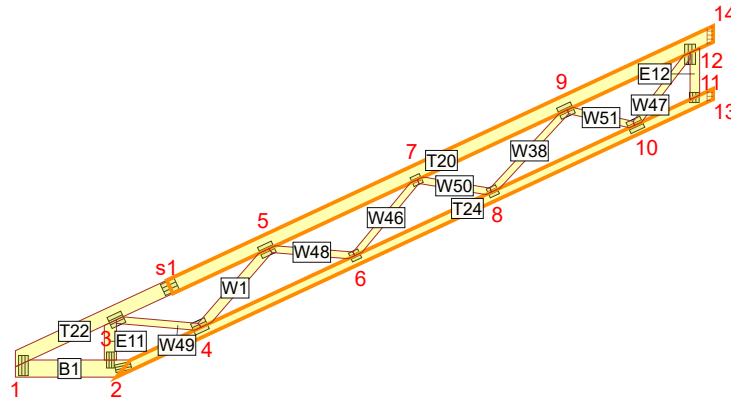
CODE TYPE NO.

S6

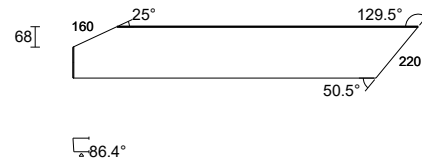
DRAWING NUMBER

REV.

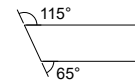
S6

**BOTTOM CHORD - B2**

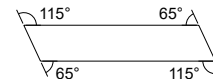
|          |                |                 |
|----------|----------------|-----------------|
| S6.2 1-2 | Dim./Grade     | 45 x 170 mm C24 |
|          | Total length:  | 1143 mm         |
|          | Centre length: | 1072 mm         |
|          | Qty. per ply:  | 1 no.           |
|          | Total qty.:    | 3 no.           |

**END VERTICAL - E11**

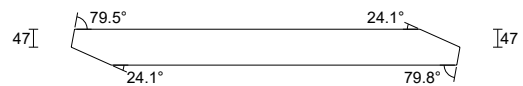
|                |                |                 |
|----------------|----------------|-----------------|
| 1 no. S6.1 3-2 | Dim./Grade     | 45 x 120 mm C24 |
| 3 no. S6.2 3-2 | Total length:  | 399 mm          |
|                | Centre length: | 371 mm          |
|                | Qty. per ply:  | 1 no.           |
|                | Total qty.:    | 4 no.           |

**END VERTICAL - E12**

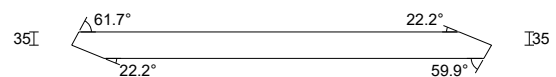
|                  |                |                |
|------------------|----------------|----------------|
| 1 no. S6.1 12-11 | Dim./Grade     | 45 x 95 mm C24 |
| 3 no. S6.2 12-11 | Total length:  | 507 mm         |
|                  | Centre length: | 463 mm         |
|                  | Qty. per ply:  | 1 no.          |
|                  | Total qty.:    | 4 no.          |

**WEB - W1**

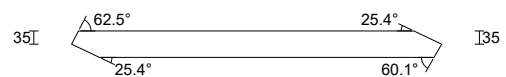
|                |               |                |
|----------------|---------------|----------------|
| 1 no. S6.1 4-5 | Dim./Grade    | 45 x 95 mm C14 |
| 3 no. S6.2 4-5 | Total length: | 1029 mm        |
|                | Qty. per ply: | 1 no.          |
|                | Total qty.:   | 4 no.          |

**WEB - W38**

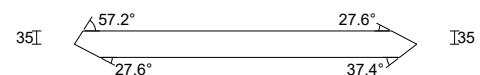
|                |               |                |
|----------------|---------------|----------------|
| 1 no. S6.1 8-9 | Dim./Grade    | 45 x 70 mm C14 |
| 3 no. S6.2 8-9 | Total length: | 1111 mm        |
|                | Qty. per ply: | 1 no.          |
|                | Total qty.:   | 4 no.          |

**WEB - W46**

|                |               |                |
|----------------|---------------|----------------|
| 1 no. S6.1 6-7 | Dim./Grade    | 45 x 70 mm C14 |
| 3 no. S6.2 6-7 | Total length: | 980 mm         |
|                | Qty. per ply: | 1 no.          |
|                | Total qty.:   | 4 no.          |

**WEB - W47**

|                  |               |                |
|------------------|---------------|----------------|
| 1 no. S6.1 10-12 | Dim./Grade    | 45 x 70 mm C14 |
| 3 no. S6.2 10-12 | Total length: | 906 mm         |
|                  | Qty. per ply: | 1 no.          |
|                  | Total qty.:   | 4 no.          |



JOB NO.

2-17-22

CUTTING BILL

Page 2/3

10/05/2022 - 14:42  
10.1 SR1b (12fe102)

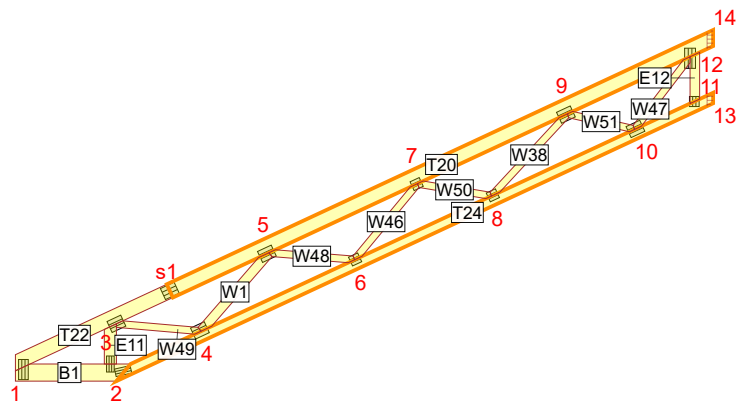
CODE TYPE NO.

S6

DRAWING NUMBER

REV.

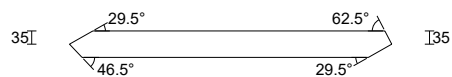
S6

**WEB - W48**

1 no. S6.1 5-6  
3 no. S6.2 5-6

Dim./Grade  
Total length:  
Qty. per ply:  
Total qty.:

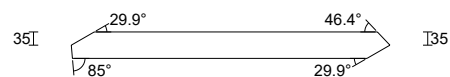
45 x 70 mm C14  
853 mm  
1 no.  
4 no.

**WEB - W49**

1 no. S6.1 3-4  
3 no. S6.2 3-4

Dim./Grade  
Total length:  
Qty. per ply:  
Total qty.:

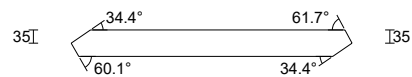
45 x 70 mm C14  
844 mm  
1 no.  
4 no.

**WEB - W50**

1 no. S6.1 7-8  
3 no. S6.2 7-8

Dim./Grade  
Total length:  
Qty. per ply:  
Total qty.:

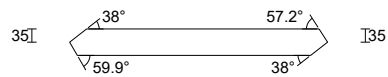
45 x 70 mm C14  
744 mm  
1 no.  
4 no.

**WEB - W51**

1 no. S6.1 9-10  
3 no. S6.2 9-10

Dim./Grade  
Total length:  
Qty. per ply:  
Total qty.:

45 x 70 mm C14  
683 mm  
1 no.  
4 no.



JOB NO.

2-17-22

CUTTING BILL

Page 3/3

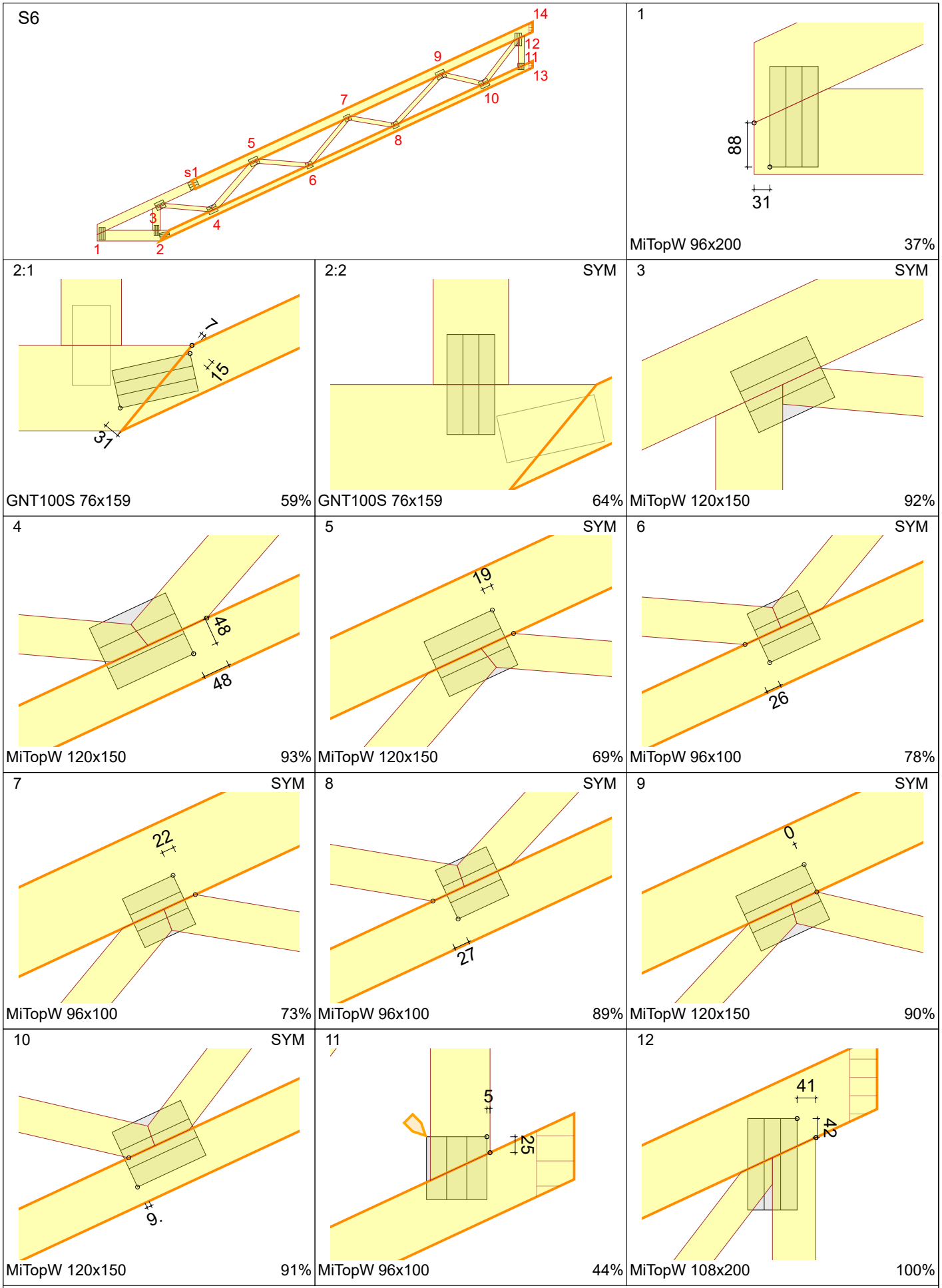
10/05/2022 - 14:42  
10.1 SR1b (12fe102)

CODE TYPE NO.

S6

DRAWING NUMBER

REV.



FASTENER LOCATION TOLERANCE: 8 mm

JOB NO.  
**2-17-22**  
CODE TYPE NO.  
**S6**

DRAWING NUMBER |

NAIL PLATES

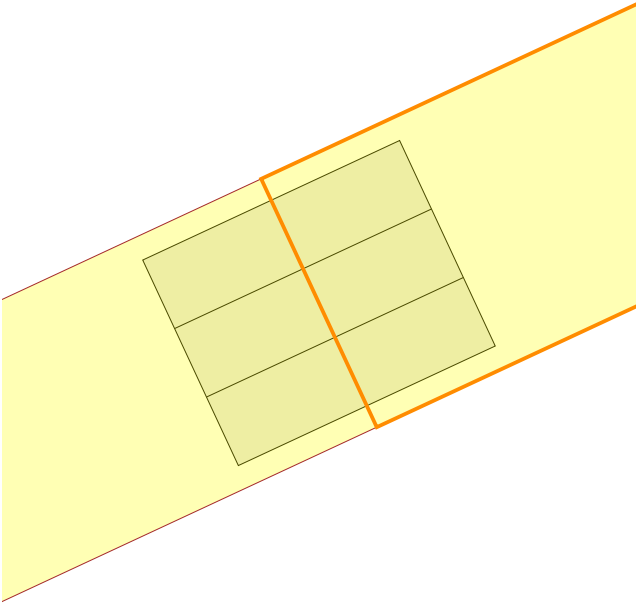
Page 1/2

REV.

10/05/2022 - 14:42  
10.1 SR1b (12fe102)

s1

SYM



MiTopW 120x150

25%

FASTENER LOCATION TOLERANCE: 8 mm

10/05/2022 - 14:42  
10.1 SR1b (12fe102)

JOB NO.  
**2-17-22**  
CODE TYPE NO.  
**S6**

DRAWING NUMBER |

NAIL PLATES

Page 2/2

REV.