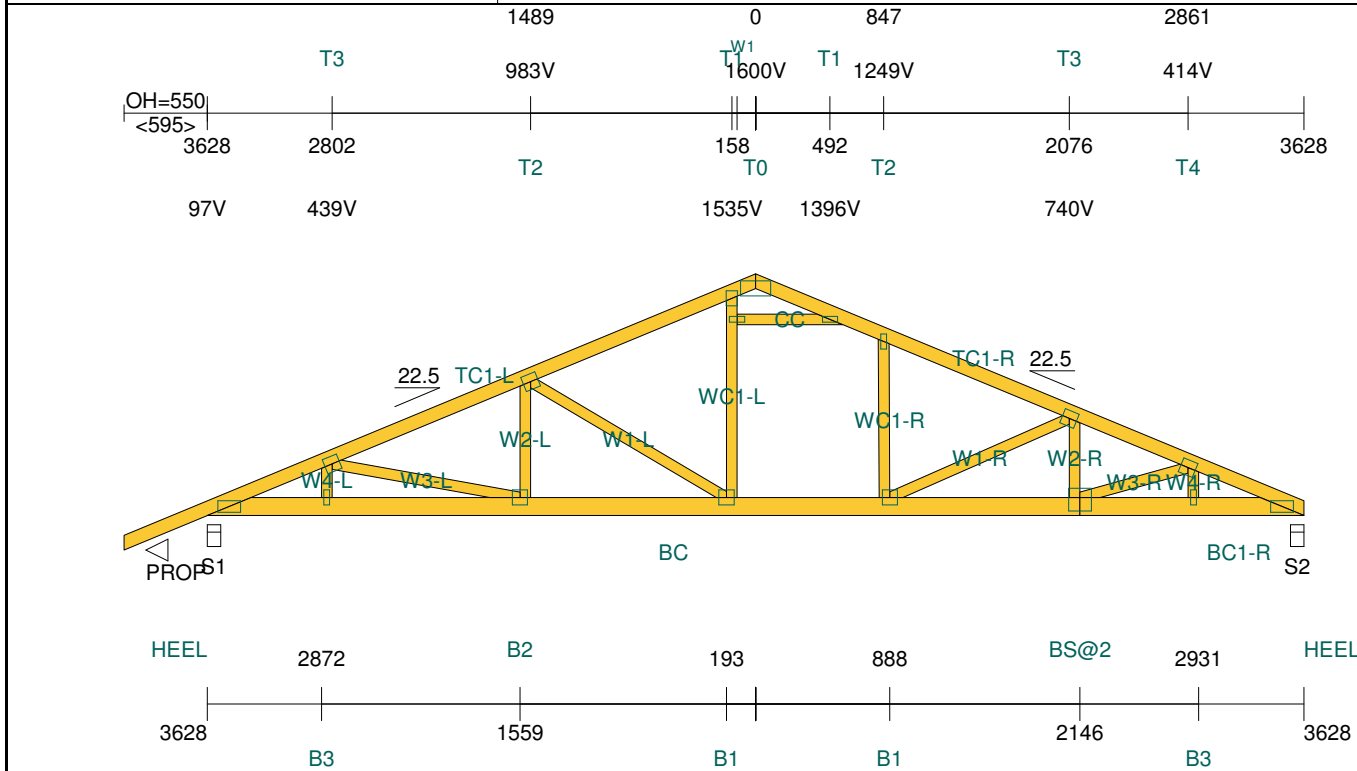


|  |   |                                 |
|--|---|---------------------------------|
| Client: <b>DEDICATED DEVELOPMENT PTY LTD</b>             | <b>Trusstech SA Pty Ltd</b>   | Job No: <b>TT02399</b>          |
| Site: <b>638 BURBRIDGE RD<br/>WEST BEACH SA 5024 AUS</b> | ABN: 401 318 22 140 16 High Street Dry Creek SA 5094 Ph: 08 8260 6006 | Truss: <b>Layout created T1</b> |
| Ref: <b>DWELLING 3</b>                                   | This truss has SERVICE LOADS applied.                                 | Type: <b>Standard -SL</b>       |
|  |   | Quantity: <b>1</b>              |



#### TIMBER:

| Member | Size & Grade        | Def | Jnt | Grp | Rest |
|--------|---------------------|-----|-----|-----|------|
| TC1-L  | 90x35-MGP10 H0 ADS  |     | JD5 |     | 1200 |
| TC1-R  | 90x35-MGP10 H0 ADS  | 1   | JD5 |     | 1200 |
| BC     | 120x35-MGP10 H0 ADS | 1   | JD5 |     | 600  |
| BC1-R  | 120x35-MGP10 H0 ADS |     | JD5 |     | 600  |
| W1-L   | 70x35-MGP10 H0 ADS  |     | JD5 |     |      |
| W1-R   | 70x35-MGP10 H0 ADS  |     | JD5 |     |      |
| W2-L   | 70x35-MGP10 H0 ADS  |     | JD5 |     |      |
| W2-R   | 70x35-MGP10 H0 ADS  |     | JD5 |     |      |
| W3-L   | 70x35-MGP10 H0 ADS  |     | JD5 |     |      |
| W3-R   | 70x35-MGP10 H0 ADS  |     | JD5 |     |      |
| W4-L   | 70x35-MGP10 H0 ADS  |     | JD5 |     |      |
| W4-R   | 70x35-MGP10 H0 ADS  |     | JD5 |     |      |
| CC     | 70x35-MGP10 H0 ADS  |     | JD5 |     |      |
| WC1-R  | 70x35-MGP10 H0 ADS  |     | JD5 |     |      |
| WC1-L  | 70x35-MGP10 H0 ADS  |     | JD5 |     |      |

#### PLATES:

| Joint  | Size & Grade | Camber | X  | Y  | Rtn |
|--------|--------------|--------|----|----|-----|
| HEEL   | 75x150-MN    |        | =  | =  | 0   |
| T0     | 100x200-MN   |        | =  | =  | 0   |
| T1-L   | 75x100-MN    |        | =  | =  | 0   |
| T1-R   | 38x100-MN    |        | =  | =  | 0   |
| T2-L   | 100x100-MN   |        | 50 | 50 | 0   |
| T2-R   | 38x100-MN    |        | =  | =  | 0   |
| T3     | 100x100-MN   |        | 50 | 50 | 0   |
| T4-R   | 100x100-MN   |        | 50 | 50 | 0   |
| B1     | 100x100-MN   | 4      | =  | 50 | 0   |
| B2-L   | 100x100-MN   | 3      | =  | 50 | 0   |
| B3     | 38x100-MN    | 2      | =  | =  | 0   |
| BS@2-R | 150x150-MN   | 5      | =  | 90 | 0   |
| W1-L   | 38x100-MN    |        | =  | =  | 0   |

#### Vertical Reactions at Supports


| Support        | (No.)          | S1      | S2      |
|----------------|----------------|---------|---------|
| 1.35DL         | (kN)           | 1.91    | 1.85    |
| 1.2DL + 1.5MLL | (kN)           | 3.58    | 3.26    |
| 0.9DL + 1WL    | (kN)           | -1.26   | -0.93   |
| Tie Down       | Required       | 1 MGrip | 1 MGrip |
| Bearing        | Member/Support | Ok/Ok   | Ok/Ok   |

(Note: Tie down capacity based on JD5. Bearing capacity based on timber properties of the member onto support, and SD7 for support.)

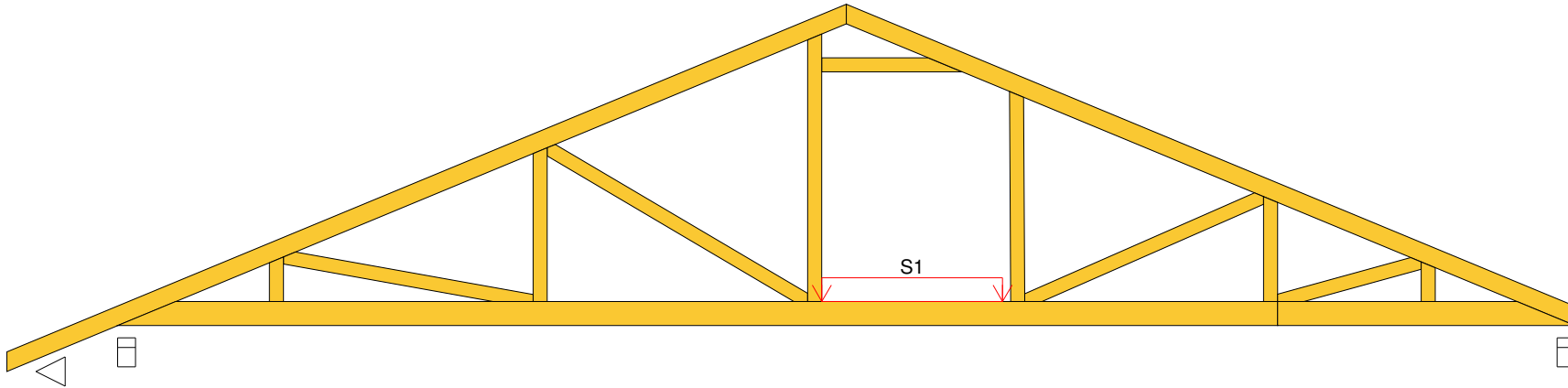
Scale 1:50

[AS/NZS 1170-2002][AS 1720.1-2010]

Weight of timber & plate (excl. brackets): **42.8kg**

|                           |  |   |  |                           |
|---------------------------|--|---|--|---------------------------|
| Span: <b>7255</b>         | Roofing: <b>Metal Sheet@7kg/m<sup>2</sup></b>              | Wind / Ext / Int: <b>N1 / 0.6 / 0.2</b> | All dimensions in millimetres. This drawing should be read in conjunction with Multinail Technical sheets. | Version: <b>1.9.4</b>     |
| Pitch: <b>22.50/22.50</b> | TC Fix/Rest: <b>Metal @ 1200c/1200c</b>                    | Fascia Type: <b>Non-structural</b>      |  | User: <b>(TN-016-020)</b> |
| Overhang: <b>550/0</b>    | Ceiling: <b>Plaster 10mm Supa Span@7.2kg/m<sup>2</sup></b> | Ground Snow Load:                       |  | Date: <b>15/02/2019</b>   |
| Spacing: <b>1200</b>      | BC Fix/Rest: <b>Direct fix @ 600c/600c</b>                 | Structure: <b>House</b>                 |                       | Page: <b>1</b>            |

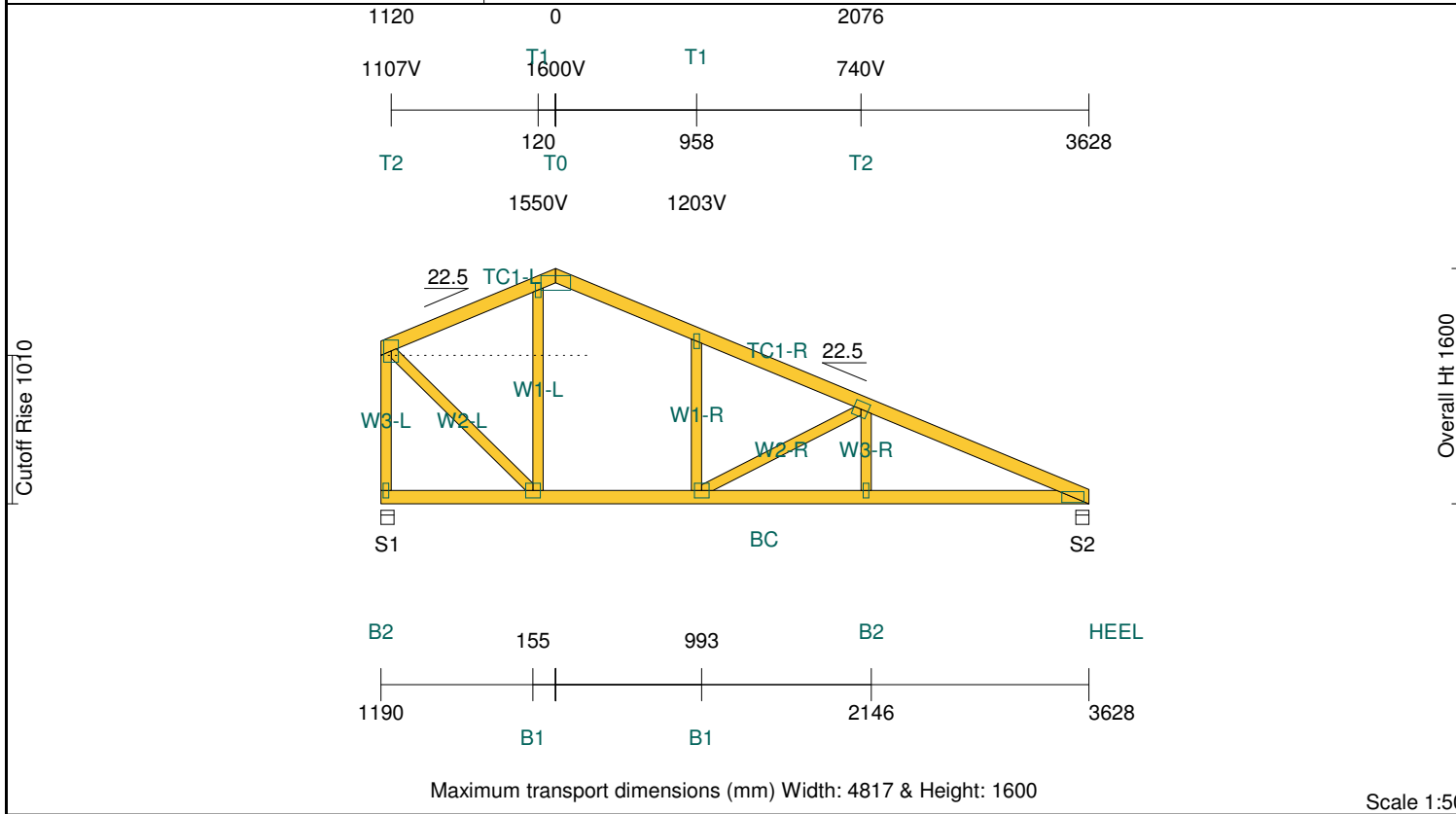
|  |  |                                 |
|--|--|---------------------------------|
| Client: <b>DEDICATED DEVELOPMENT PTY LTD</b>             | <b>Trusstech SA Pty Ltd</b><br>ABN: 401 318 22 140 16 High Street Dry Creek SA 5094 Ph: 08 8260 6006 | Job No: <b>TT02399</b>          |
| Site: <b>638 BURBRIDGE RD<br/>WEST BEACH SA 5024 AUS</b> |  | Truss: <b>Layout created T1</b> |
| Ref: <b>DWELLING 3</b>                                   | This truss has SERVICE LOADS applied.  | Type: <b>Standard -SL</b>       |
|  |  | Quantity: <b>1</b>              |



LOADS ON TRUSS: A=Auto loads by system; S=Service loads; Uc=User defined concentrated loads; Ud=User defined distributed loads  
Note: -ve signed loads act downwards, +ve signed loads act upwards

| Indicator | Description   |
|-----------|---|
| S1        | AC 100kg Air Conditioner 100 kg [ 900mm x 900mm] ; -500N ; -500N<br>[AC: 100kg] |

|  |   |                                 |
|--|---|---------------------------------|
| Client: <b>DEDICATED DEVELOPMENT PTY LTD</b>             | <b>Trusstech SA Pty Ltd</b>   | Job No: <b>TT02399</b>          |
| Site: <b>638 BURBRIDGE RD<br/>WEST BEACH SA 5024 AUS</b> | ABN: 401 318 22 140 16 High Street Dry Creek SA 5094 Ph: 08 8260 6006 | Truss: <b>Layout created T2</b> |
| Ref: <b>DWELLING 3</b>                                   | This truss has SERVICE LOADS applied.                                 | Type: <b>Standard -SL</b>       |
|  |   | Quantity: <b>1</b>              |



#### TIMBER:

| Member | Size & Grade       | Def | Jnt | Grp  | Rest |
|--------|--------------------|-----|-----|------|------|
| TC1-L  | 90x35-MGP10 H0 ADS | 1   | JD5 | 1200 |      |
| TC1-R  | 90x35-MGP10 H0 ADS | 2   | JD5 | 1200 |      |
| BC     | 90x35-MGP10 H0 ADS | 1   | JD5 | 600  |      |
| W1-L   | 70x35-MGP10 H0 ADS |     | JD5 |      |      |
| W1-R   | 70x35-MGP10 H0 ADS |     | JD5 |      |      |
| W2-L   | 70x35-MGP10 H0 ADS |     | JD5 |      |      |
| W2-R   | 70x35-MGP10 H0 ADS |     | JD5 |      |      |
| W3-L   | 70x35-MGP10 H0 ADS |     | JD5 |      |      |
| W3-R   | 70x35-MGP10 H0 ADS |     | JD5 |      |      |

#### PLATES:

| Joint  | Size & Grade | Camber | X  | Y  | Rtn |
|--------|--------------|--------|----|----|-----|
| HEEL-R | 75x150-MN    | =      | =  | =  | 0   |
| T0     | 100x200-MN   | =      | =  | =  | 0   |
| T1     | 38x100-MN    | =      | =  | =  | 0   |
| T2-L   | 100x150-MN   |        | 75 | 50 | 112 |
| T2-R   | 100x100-MN   |        | 50 | 50 | 0   |
| B1-L   | 100x100-MN   | 1      | 50 | 50 | 0   |
| B1-R   | 100x100-MN   | 9      | =  | 50 | 0   |
| B2     | 38x100-MN    |        | =  | =  | 0   |

#### Vertical Reactions at Supports

| Support        | (No.)          | S1      | S2      |
|----------------|----------------|---------|---------|
| 1.35DL         | (kN)           | 1.68    | 1.12    |
| 1.2DL + 1.5MLL | (kN)           | 2.58    | 2.08    |
| 0.9DL + 1WL    | (kN)           | -0.37   | -0.64   |
| Tie Down       | Required       | 1 MGrip | 1 MGrip |
| Bearing        | Member/Support | Ok/Ok   | Ok/Ok   |

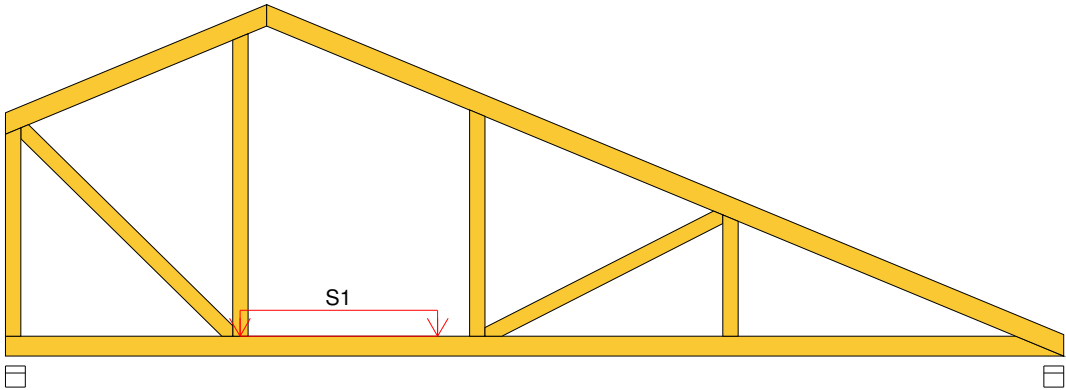
(Note: Tie down capacity based on JD5. Bearing capacity based on timber properties of the member onto support, and SD7 for support.)

Weight of timber & plate (excl. brackets): **25.2kg**

|                           |   |   |  |                           |
|---------------------------|---|---|--|---------------------------|
| Span: <b>4817</b>         | Roofing: <b>Metal Sheet@7kg/m²</b>              | Wind / Ext / Int: <b>N1 / 0.6 / 0.2</b> | All dimensions in millimetres. This drawing should be read in conjunction with Multinail Technical sheets. | Version: <b>1.9.4</b>     |
| Pitch: <b>22.50/22.50</b> | TC Fix/Rest: <b>Metal @ 1200c/1200c</b>         | Fascia Type: <b>Non-structural</b>      |  | User: <b>(TN-016-020)</b> |
| Overhang: <b>0/0</b>      | Ceiling: <b>Plaster 10mm Supa Span@7.2kg/m²</b> | Ground Snow Load:                       |  | Date: <b>15/02/2019</b>   |
| Spacing: <b>1200</b>      | BC Fix/Rest: <b>Direct fix @ 600c/600c</b>      | Structure: <b>House</b>                 |  | Page: <b>3</b>            |



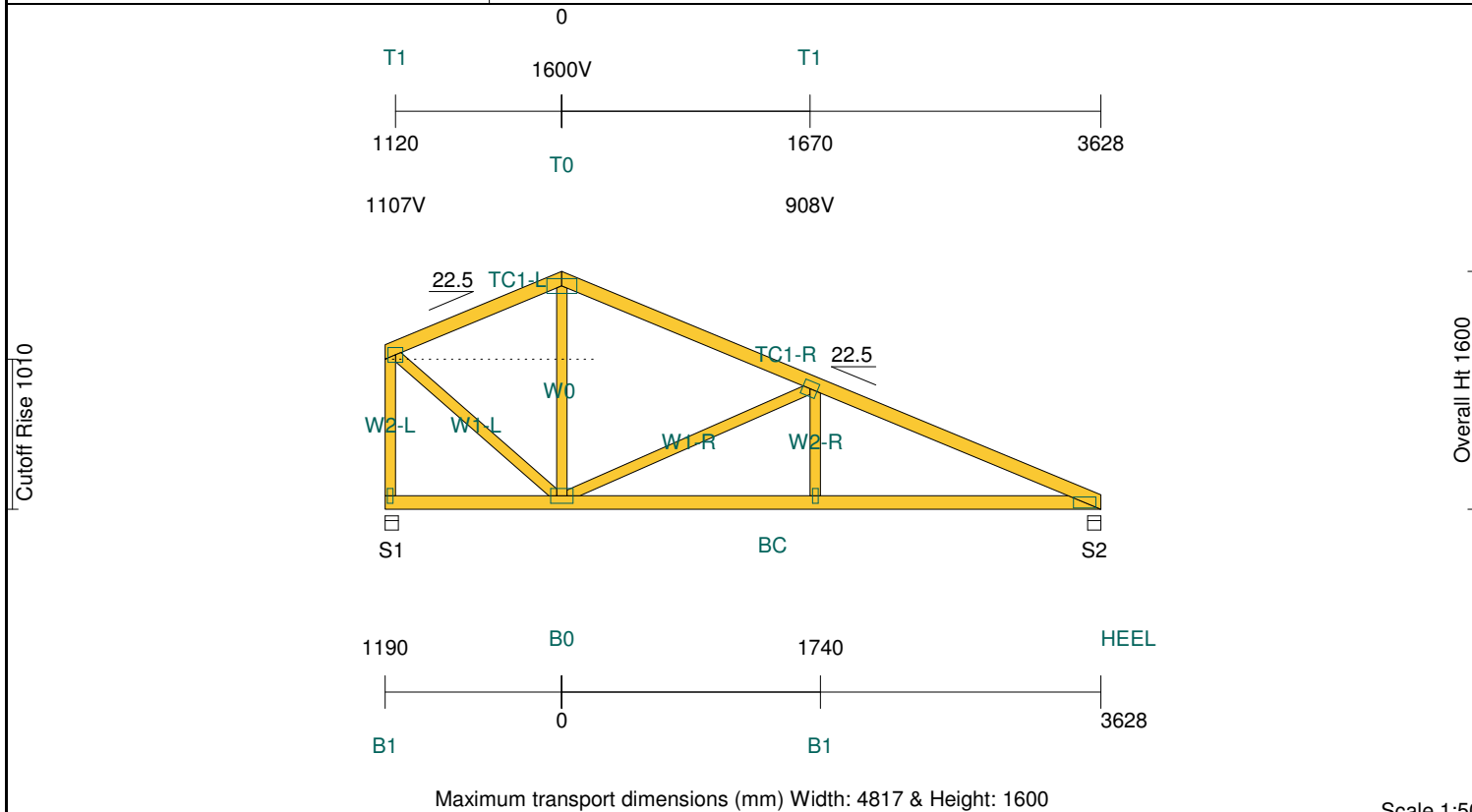
|  |  |                                 |
|--|--|---------------------------------|
| Client: <b>DEDICATED DEVELOPMENT PTY LTD</b>             | <b>Trusstech SA Pty Ltd</b><br>ABN: 401 318 22 140 16 High Street Dry Creek SA 5094 Ph: 08 8260 6006 | Job No: <b>TT02399</b>          |
| Site: <b>638 BURBRIDGE RD<br/>WEST BEACH SA 5024 AUS</b> |  | Truss: <b>Layout created T2</b> |
| Ref: <b>DWELLING 3</b>                                   | This truss has SERVICE LOADS applied.  | Type: <b>Standard -SL</b>       |
|  |  | Quantity: <b>1</b>              |



LOADS ON TRUSS: A=Auto loads by system; S=Service loads; Uc=User defined concentrated loads; Ud=User defined distributed loads  
Note: -ve signed loads act downwards, +ve signed loads act upwards

| Indicator | Description  |
|-----------|--|
| S1        | AC 100kg    Air Conditioner 100 kg [ 900mm x 900mm] ; -500N ; -500N<br>[AC: 100kg] |

|  |  |                                 |
|--|--|---------------------------------|
| Client: <b>DEDICATED DEVELOPMENT PTY LTD</b>             | <b>Trusstech SA Pty Ltd</b><br>ABN: 401 318 22 140 16 High Street Dry Creek SA 5094 Ph: 08 8260 6006 | Job No: <b>TT02399</b>          |
| Site: <b>638 BURBRIDGE RD<br/>WEST BEACH SA 5024 AUS</b> |  | Truss: <b>Layout created T3</b> |
| Ref: <b>DWELLING 3</b>                                   |  | Type: <b>Standard</b>           |
|  |  | Quantity: <b>2</b>              |



#### TIMBER:

| Member | Size & Grade       | Def | Jnt | Grp | Rest |
|--------|--------------------|-----|-----|-----|------|
| TC1-L  | 90x35-MGP10 H0 ADS |     | JD5 |     | 1200 |
| TC1-R  | 90x35-MGP10 H0 ADS | 1   | JD5 |     | 1200 |
| BC     | 90x35-MGP10 H0 ADS | 1   | JD5 |     | 600  |
| W0     | 70x35-MGP10 H0 ADS |     | JD5 |     |      |
| W1-L   | 70x35-MGP10 H0 ADS |     | JD5 |     |      |
| W1-R   | 70x35-MGP10 H0 ADS |     | JD5 |     |      |
| W2-L   | 70x35-MGP10 H0 ADS |     | JD5 |     |      |
| W2-R   | 70x35-MGP10 H0 ADS |     | JD5 |     |      |

#### PLATES:


| Joint  | Size & Grade | Camber | X / | Y / | Rtn |
|--------|--------------|--------|-----|-----|-----|
| HEEL-R | 75x150-MN    |        | =   | =   | 0   |
| T0     | 100x200-MN   |        | =   | =   | 0   |
| T1-L   | 100x100-MN   |        | 50  | 50  | 112 |
| T1-R   | 100x100-MN   |        | 50  | 50  | 0   |
| B0     | 100x150-MN   | 1      | =   | 50  | 0   |
| B1     | 38x100-MN    |        | =   | =   | 0   |

#### Vertical Reactions at Supports

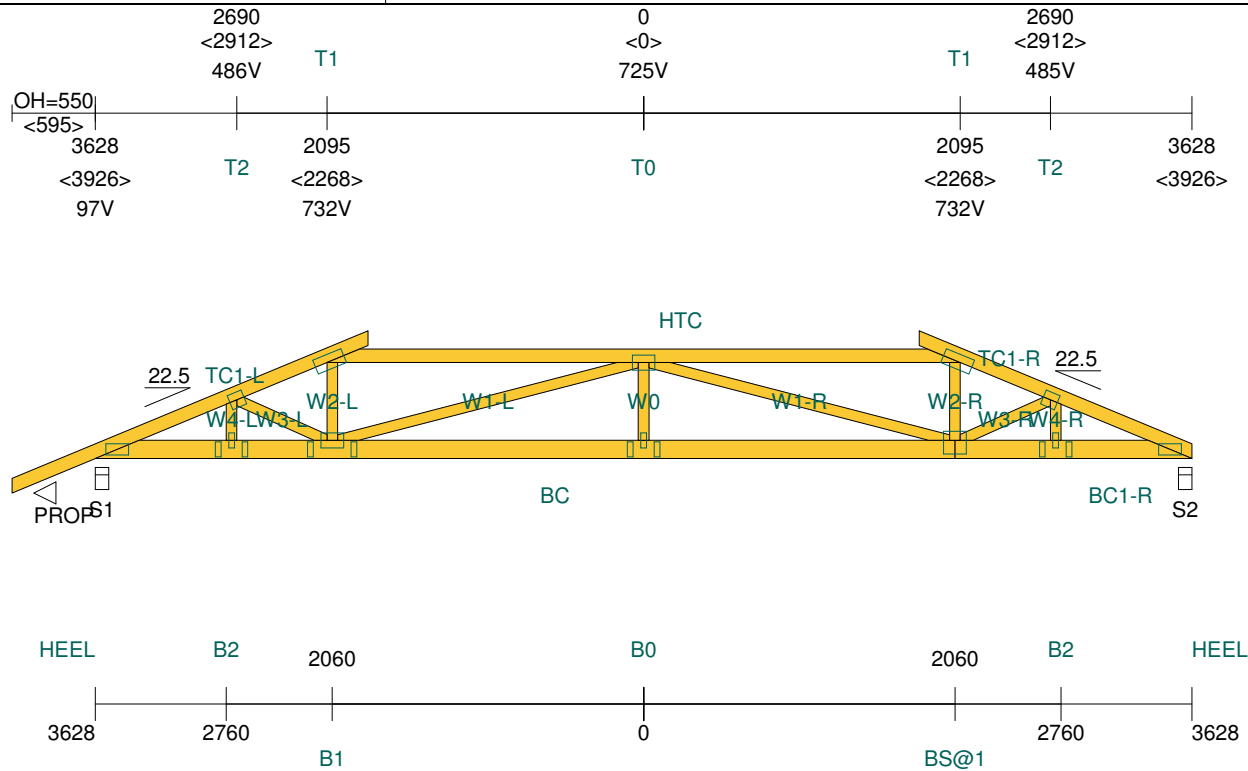
| Support        | (No.)          | S1      | S2      |
|----------------|----------------|---------|---------|
| 1.35DL         | (kN)           | 0.75    | 0.70    |
| 1.2DL + 1.5MLL | (kN)           | 1.75    | 1.70    |
| 0.9DL + 1WL    | (kN)           | -0.98   | -0.92   |
| Tie Down       | Required       | 1 MGrip | 1 MGrip |
| Bearing        | Member/Support | Ok/Ok   | Ok/Ok   |

(Note: Tie down capacity based on JD5. Bearing capacity based on timber properties of the member onto support, and SD7 for support.)

Weight of timber & plate (excl. brackets): **24.7kg**

|                           |   |   |  |                           |
|---------------------------|---|---|--|---------------------------|
| Span: <b>4817</b>         | Roofing: <b>Metal Sheet@7kg/m²</b>              | Wind / Ext / Int: <b>N1 / 0.6 / 0.2</b> | All dimensions in millimetres. This drawing should be read in conjunction with Multinail Technical sheets. | Version: <b>1.9.4</b>     |
| Pitch: <b>22.50/22.50</b> | TC Fix/Rest: <b>Metal @ 1200c/1200c</b>         | Fascia Type: <b>Non-structural</b>      |  | User: <b>(TN-016-020)</b> |
| Overhang: <b>0/0</b>      | Ceiling: <b>Plaster 10mm Supa Span@7.2kg/m²</b> | Ground Snow Load:                       |                       | Date: <b>15/02/2019</b>   |
| Spacing: <b>1200</b>      | BC Fix/Rest: <b>Direct fix @ 600c/600c</b>      | Structure: <b>House</b>                 |  | Page: <b>5</b>            |

|  |   |                                 |
|--|---|---------------------------------|
| Client: <b>DEDICATED DEVELOPMENT PTY LTD</b>             | <b>Trusstech SA Pty Ltd</b>   | Job No: <b>TT02399</b>          |
| Site: <b>638 BURBRIDGE RD<br/>WEST BEACH SA 5024 AUS</b> | ABN: 401 318 22 140 16 High Street Dry Creek SA 5094 Ph: 08 8260 6006 | Truss: <b>Layout created T4</b> |
| Ref: <b>DWELLING 3</b>                                   |   | Type: <b>TG1828</b>             |
|  |   | Quantity: <b>1</b>              |



#### TIMBER:

| Member | Size & Grade        | Def | Jnt | Grp | Rest |
|--------|---------------------|-----|-----|-----|------|
| TC1-L  | 90x35-MGP10 H0 ADS  |     | JD5 |     | 1200 |
| TC1-R  | 90x35-MGP10 H0 ADS  |     | JD5 |     | 1200 |
| BC     | 120x35-MGP10 H0 ADS | 2   | JD5 |     | 600  |
| BC1-R  | 120x35-MGP10 H0 ADS |     | JD5 |     | 600  |
| HTC    | 90x35-MGP10 H0 ADS  | 2   | JD5 |     | 1200 |
| W0     | 70x35-MGP10 H0 ADS  |     | JD5 |     |      |
| W1     | 70x35-MGP10 H0 ADS  |     | JD5 |     |      |
| W2     | 70x35-MGP10 H0 ADS  |     | JD5 |     |      |
| W3     | 70x35-MGP10 H0 ADS  |     | JD5 |     |      |
| W4     | 70x35-MGP10 H0 ADS  |     | JD5 |     |      |

#### PLATES:

| Joint  | Size & Grade | Camber | X   | Y  | Rtn |
|--------|--------------|--------|-----|----|-----|
| HEEL   | 75x150-MN    |        | =   | =  | 0   |
| SPLIT  | 38x100-MN    |        | =   | =  | 0   |
| T0     | 100x150-MN   |        | =   | 50 | 0   |
| T1     | 100x200-MN   |        | 120 | 50 | 23  |
| T2     | 100x100-MN   |        | 50  | 50 | 0   |
| B0     | 38x100-MN    | 3      | =   | =  | 0   |
| B1-L   | 100x150-MN   | 2      | =   | 50 | 0   |
| B2     | 38x100-MN    | 2      | =   | =  | 0   |
| BS@1-R | 150x150-MN   | 2      | =   | 90 | 0   |

Maximum transport dimensions (mm) Width: 7805 & Height: 1072

Scale 1:50

#### Vertical Reactions at Supports

| Support        | (No.)          | S1      | S2      |
|----------------|----------------|---------|---------|
| 1.35DL         | (kN)           | 1.67    | 1.18    |
| 1.2DL + 1.5MLL | (kN)           | 3.44    | 2.45    |
| 0.9DL + 1WL    | (kN)           | -2.04   | -1.43   |
| Tie Down       | Required       | 1 MGrip | 1 MGrip |
| Bearing        | Member/Support | Ok/Ok   | Ok/Ok   |

(Note: Tie down capacity based on JD5. Bearing capacity based on timber properties of the member onto support, and SD7 for support.)

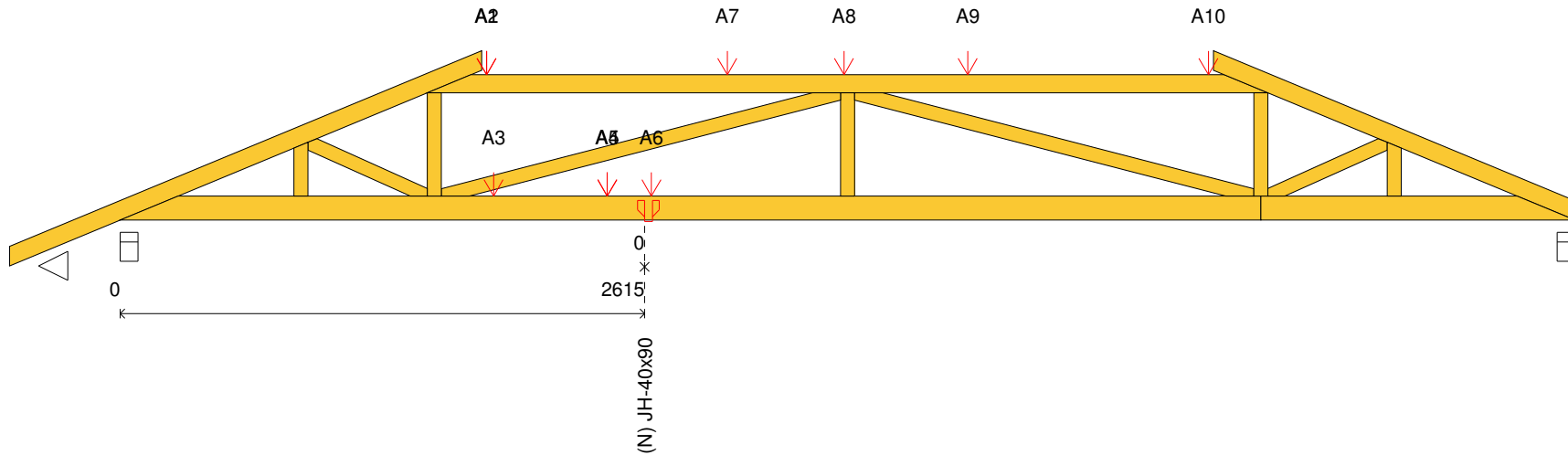
[AS/NZS 1170-2002][AS 1720.1-2010]

Weight of timber & plate (excl. brackets): **40.9kg**

|                           |  |   |  |                           |
|---------------------------|--|---|--|---------------------------|
| Span: <b>7255</b>         | Roofing: <b>Metal Sheet@7kg/m<sup>2</sup></b>              | Wind / Ext / Int: <b>N1 / 0.6 / 0.2</b> | All dimensions in millimetres. This drawing should be read in conjunction with Multinail Technical sheets. | Version: <b>1.9.4</b>     |
| Pitch: <b>22.50/22.50</b> | TC Fix/Rest: <b>Metal @ 1200c/1200c</b>                    | Fascia Type: <b>Non-structural</b>      |  | User: <b>(TN-016-020)</b> |
| Overhang: <b>550/0</b>    | Ceiling: <b>Plaster 10mm Supa Span@7.2kg/m<sup>2</sup></b> | Ground Snow Load:                       |  | Date: <b>15/02/2019</b>   |
| Spacing: <b>1200</b>      | BC Fix/Rest: <b>Direct fix @ 600c/600c</b>                 | Structure: <b>House</b>                 |  | Page: <b>6</b>            |



|  |  |                                 |
|--|--|---------------------------------|
| Client: <b>DEDICATED DEVELOPMENT PTY LTD</b>                   | <b>Trusstech SA Pty Ltd</b><br>ABN: 401 318 22 140 16 High Street Dry Creek SA 5094 Ph: 08 8260 6006 | Job No: <b>TT02399</b>          |
| Site: <b>638 BURBRIDGE RD</b><br><b>WEST BEACH SA 5024 AUS</b> |  | Truss: <b>Layout created T4</b> |
| Ref: <b>DWELLING 3</b>   |  | Type: <b>TG1828</b>             |
|  |  | Quantity: <b>1</b>              |



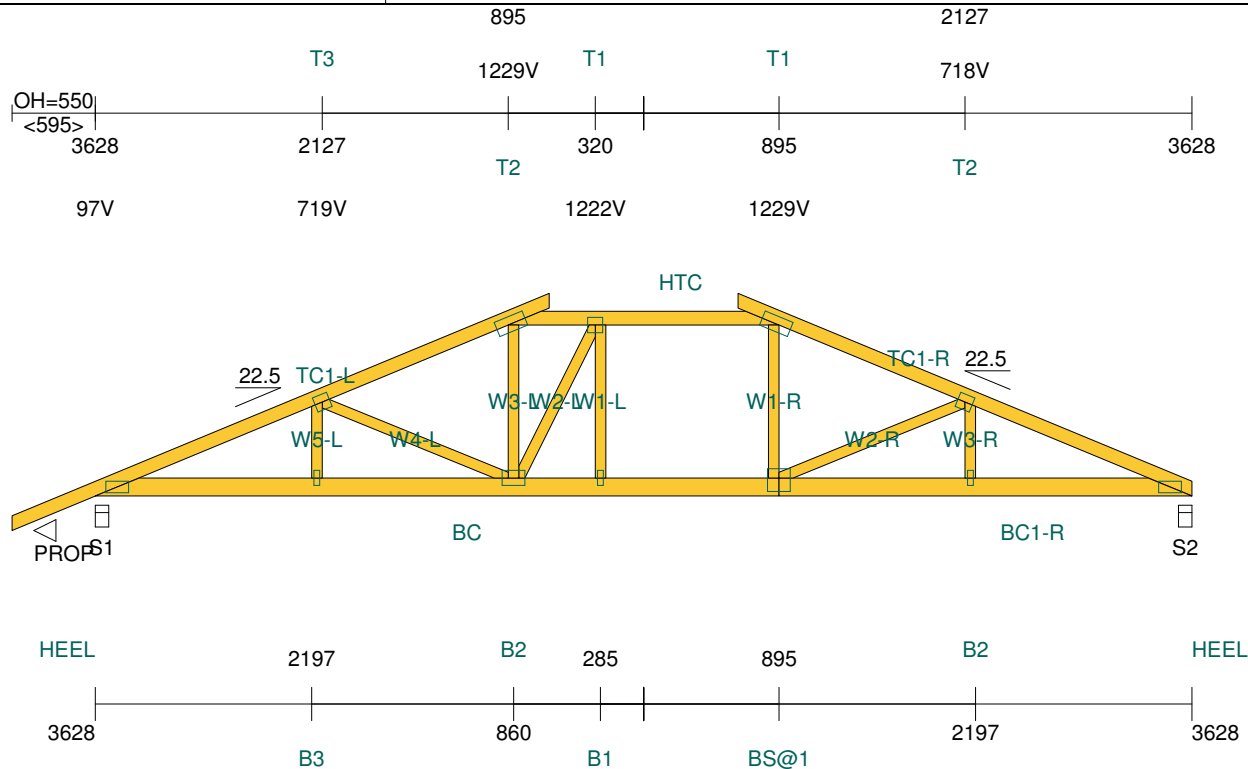
LOADS ON TRUSS: A=Auto loads by system; S=Service loads; Uc=User defined concentrated loads; Ud=User defined distributed loads  
Note: -ve signed loads act downwards, +ve signed loads act upwards

| Indicator | A1 (kN) | A2 (kN) | A3 (kN) | A4 (kN) | A5 (kN) | A6 (kN)      | A7 (kN) | A8 (kN) |
|-----------|---------|---------|---------|---------|---------|--------------|---------|---------|
| DL        | -0.137  | -0.025  | -0.080  | -0.080  | -0.095  | -0.210       | 0.094   | 0.094   |
| LL        | -0.187  | -0.066  | 0.000   | 0.000   | 0.000   | -0.275       | 0.248   | 0.248   |
| WL        | 0.359   | 0.094   | 0.118   | 0.129   | 0.129   | 0.722        | -0.352  | -0.352  |
| Desc      | hR1     | j2      | hb1     | hb2     | hb2     | B1           | J3      | J5      |
| Boot      |         |         |         |         |         | (N) JH-40x90 |         |         |

| Indicator | A9 (kN) | A10 (kN) |
|-----------|---------|----------|
| DL        | 0.094   | -0.011   |
| LL        | 0.248   | -0.016   |
| WL        | -0.352  | 0.031    |
| Desc      | J4      | hR2      |

|  |   |                                 |
|--|---|---------------------------------|
| Client: <b>DEDICATED DEVELOPMENT PTY LTD</b>             | <b>Trusstech SA Pty Ltd</b>   | Job No: <b>TT02399</b>          |
| Site: <b>638 BURBRIDGE RD<br/>WEST BEACH SA 5024 AUS</b> | ABN: 401 318 22 140 16 High Street Dry Creek SA 5094 Ph: 08 8260 6006 | Truss: <b>Layout created T5</b> |
| Ref: <b>DWELLING 3</b>                                   | This truss has SERVICE LOADS applied.                                 | Type: <b>TS3028 -SL</b>         |
|  |   | Quantity: <b>1</b>              |



Maximum transport dimensions (mm) Width: 7805 & Height: 1569

Scale 1:50

#### Vertical Reactions at Supports

| Support        | (No.)          | S1      | S2      |
|----------------|----------------|---------|---------|
| 1.35DL         | (kN)           | 1.89    | 1.83    |
| 1.2DL + 1.5MLL | (kN)           | 3.60    | 3.27    |
| 0.9DL + 1WL    | (kN)           | -1.30   | -0.97   |
| Tie Down       | Required       | 1 MGrip | 1 MGrip |
| Bearing        | Member/Support | Ok/Ok   | Ok/Ok   |

(Note: Tie down capacity based on JD5. Bearing capacity based on timber properties of the member onto support, and SD7 for support.)

[AS/NZS 1170-2002][AS 1720.1-2010]

#### TIMBER:

| Member | Size & Grade        | Def | Jnt | Grp | Rest |
|--------|---------------------|-----|-----|-----|------|
| TC1-L  | 90x35-MGP10 H0 ADS  |     |     | JD5 | 1200 |
| TC1-R  | 90x35-MGP10 H0 ADS  | 1   | JD5 |     | 1200 |
| BC     | 120x35-MGP10 H0 ADS |     | JD5 |     | 600  |
| BC1-R  | 120x35-MGP10 H0 ADS |     | JD5 |     | 600  |
| HTC    | 90x35-MGP10 H0 ADS  |     | JD5 |     | 1200 |
| W1     | 70x35-MGP10 H0 ADS  |     | JD5 |     |      |
| W2-L   | 70x35-MGP10 H0 ADS  |     | JD5 |     |      |
| W2-R   | 70x35-MGP10 H0 ADS  |     | JD5 |     |      |
| W3-L   | 70x35-MGP10 H0 ADS  |     | JD5 |     |      |
| W3-R   | 70x35-MGP10 H0 ADS  |     | JD5 |     |      |
| W4-L   | 70x35-MGP10 H0 ADS  |     | JD5 |     |      |
| W5-L   | 70x35-MGP10 H0 ADS  |     | JD5 |     |      |

#### PLATES:

| Joint  | Size & Grade | Camber | X   | Y  | Rtn |
|--------|--------------|--------|-----|----|-----|
| HEEL   | 75x150-MN    | =      | =   | =  | 0   |
| T1-L   | 100x100-MN   |        | 50  | 50 | 0   |
| T1-R   | 100x200-MN   |        | 120 | 50 | 23  |
| T2-L   | 100x200-MN   |        | 120 | 50 | 23  |
| T2-R   | 100x100-MN   |        | 50  | 50 | 0   |
| T3-L   | 100x100-MN   |        | 50  | 50 | 0   |
| B1-L   | 38x100-MN    | 4      | =   | =  | 0   |
| B2-L   | 100x150-MN   | 4      | =   | 50 | 0   |
| B2-R   | 38x100-MN    | 3      | =   | =  | 0   |
| B3-L   | 38x100-MN    | 3      | =   | =  | 0   |
| BS@1-R | 150x150-MN   | 3      | =   | 90 | 0   |

Weight of timber & plate (excl. brackets): **41.0kg**

|                           |   |   |
|---------------------------|---|---|
| Span: <b>7255</b>         | Roofing: <b>Metal Sheet@7kg/m²</b>              | Wind / Ext / Int: <b>N1 / 0.6 / 0.2</b> |
| Pitch: <b>22.50/22.50</b> | TC Fix/Rest: <b>Metal @ 1200c/1200c</b>         | Fascia Type: <b>Non-structural</b>      |
| Overhang: <b>550/0</b>    | Ceiling: <b>Plaster 10mm Supa Span@7.2kg/m²</b> | Ground Snow Load:                       |
| Spacing: <b>1200</b>      | BC Fix/Rest: <b>Direct fix @ 600c/600c</b>      | Structure: <b>House</b>                 |

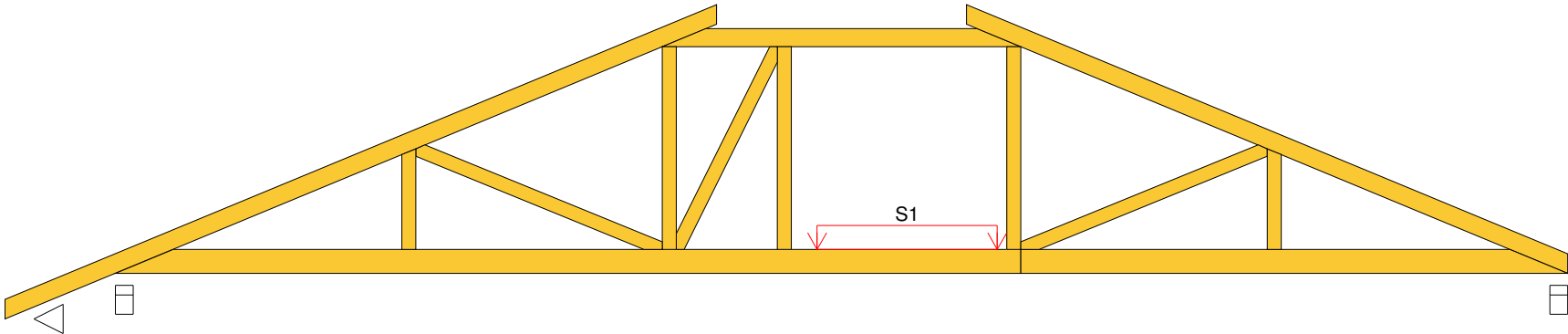
All dimensions in millimetres. This drawing should be read in conjunction with Multinail Technical sheets.



|                           |
|---------------------------|
| Version: <b>1.9.4</b>     |
| User: <b>(TN-016-020)</b> |
| Date: <b>15/02/2019</b>   |
| Page: <b>8</b>            |



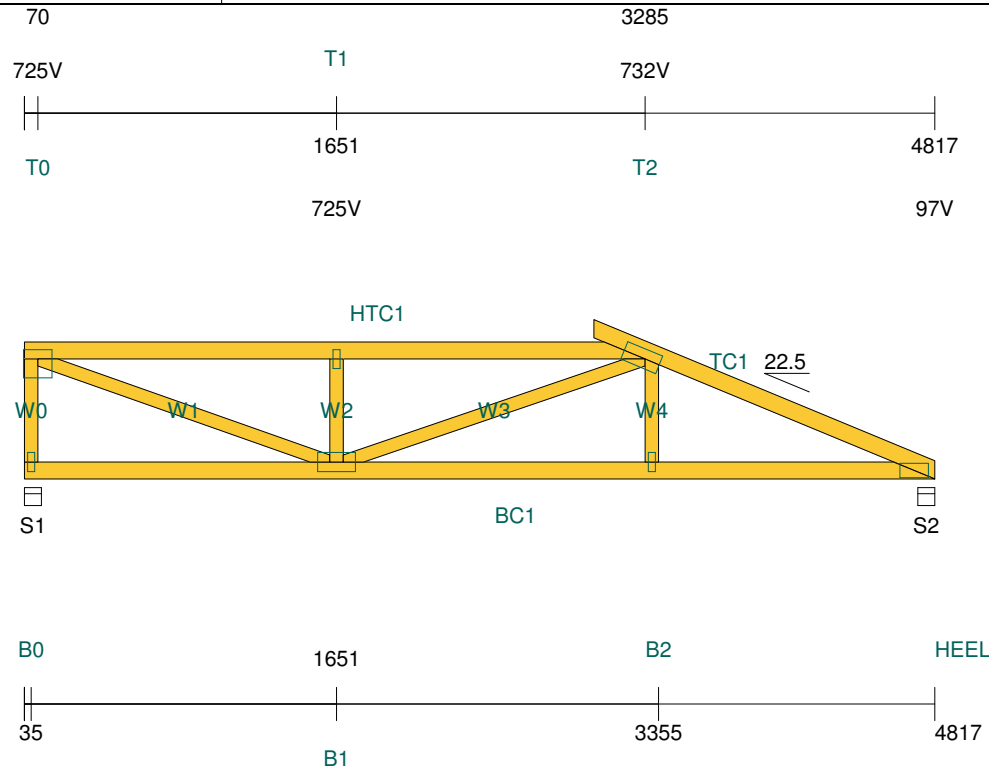
|  |  |                                 |
|--|--|---------------------------------|
| Client: <b>DEDICATED DEVELOPMENT PTY LTD</b>                   | <b>Trusstech SA Pty Ltd</b><br>ABN: 401 318 22 140 16 High Street Dry Creek SA 5094 Ph: 08 8260 6006 | Job No: <b>TT02399</b>          |
| Site: <b>638 BURBRIDGE RD</b><br><b>WEST BEACH SA 5024 AUS</b> |  | Truss: <b>Layout created T5</b> |
| Ref: <b>DWELLING 3</b>   | This truss has SERVICE LOADS applied.  | Type: <b>TS3028 -SL</b>         |
|  |  | Quantity: <b>1</b>              |



LOADS ON TRUSS: A=Auto loads by system; S=Service loads; Uc=User defined concentrated loads; Ud=User defined distributed loads  
Note: -ve signed loads act downwards, +ve signed loads act upwards

| Indicator | Description  |
|-----------|--|
| S1        | AC 100kg    Air Conditioner 100 kg [ 900mm x 900mm] ; -500N ; -500N<br>[AC: 100kg] |

|  |   |                                 |
|--|---|---------------------------------|
| Client: <b>DEDICATED DEVELOPMENT PTY LTD</b>             | <b>Trusstech SA Pty Ltd</b>   | Job No: <b>TT02399</b>          |
| Site: <b>638 BURBRIDGE RD<br/>WEST BEACH SA 5024 AUS</b> | ABN: 401 318 22 140 16 High Street Dry Creek SA 5094 Ph: 08 8260 6006 | Truss: <b>Layout created T6</b> |
| Ref: <b>DWELLING 3</b>                                   |   | Type: <b>RightHalf TG1828</b>   |
|  |   | Quantity: <b>1</b>              |



#### TIMBER:

| Member | Size & Grade       | Def | Jnt | Grp  | Rest |
|--------|--------------------|-----|-----|------|------|
| TC1    | 90x35-MGP10 H0 ADS | 1   | JD5 | 1200 |      |
| BC1    | 90x35-MGP10 H0 ADS | 1   | JD5 | 600  |      |
| HTC1   | 90x35-MGP10 H0 ADS | 1   | JD5 | 1200 |      |
| W0     | 70x35-MGP10 H0 ADS |     | JD5 |      |      |
| W1     | 70x35-MGP10 H0 ADS |     | JD5 |      |      |
| W2     | 70x35-MGP10 H0 ADS |     | JD5 |      |      |
| W3     | 70x35-MGP10 H0 ADS |     | JD5 |      |      |
| W4     | 70x35-MGP10 H0 ADS |     | JD5 |      |      |

#### PLATES:

| Joint | Size & Grade | Camber | X   | Y  | Rtn |
|-------|--------------|--------|-----|----|-----|
| HEEL  | 75x150-MN    | =      | =   | =  | 0   |
| T0    | 150x150-MN   |        | 50  | 75 | 90  |
| T1    | 38x100-MN    |        | =   | =  | 0   |
| T2    | 100x200-MN   |        | 120 | 50 | 23  |
| B0    | 38x100-MN    |        | =   | =  | 0   |
| B1    | 100x200-MN   | 1      | =   | 50 | 0   |
| B2    | 38x100-MN    | 1      | =   | =  | 0   |

#### Vertical Reactions at Supports

| Support        | (No.)          | S1      | S2      |
|----------------|----------------|---------|---------|
| 1.35DL         | (kN)           | 1.01    | 0.96    |
| 1.2DL + 1.5MLL | (kN)           | 2.44    | 2.31    |
| 0.9DL + 1WL    | (kN)           | -1.40   | -1.31   |
| Tie Down       | Required       | 1 MGrip | 1 MGrip |
| Bearing        | Member/Support | Ok/Ok   | Ok/Ok   |

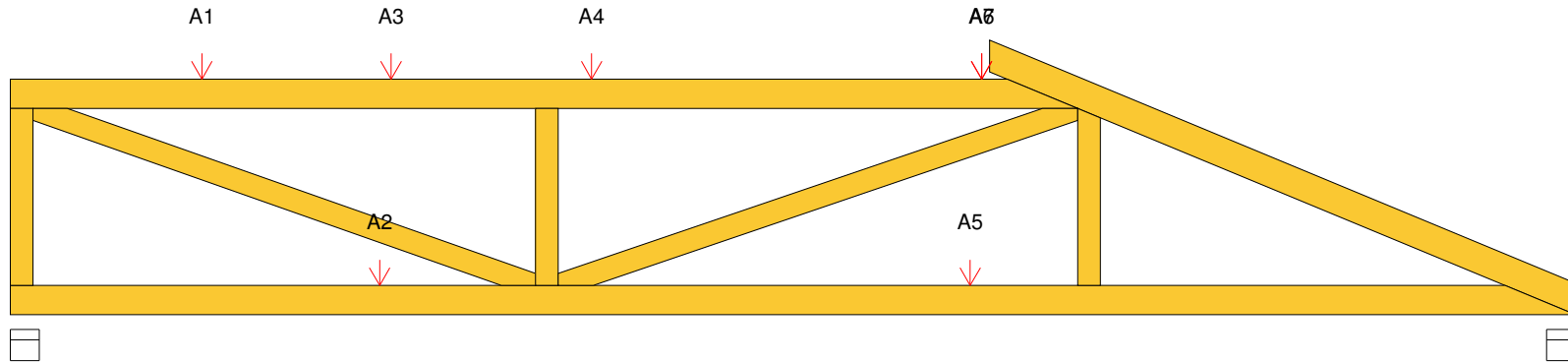
(Note: Tie down capacity based on JD5. Bearing capacity based on timber properties of the member onto support, and SD7 for support.)

Weight of timber & plate (excl. brackets): **23.3kg**

|                      |   |   |  |                           |
|----------------------|---|---|--|---------------------------|
| Span: <b>4817</b>    | Roofing: <b>Metal Sheet@7kg/m²</b>              | Wind / Ext / Int: <b>N1 / 0.6 / 0.2</b> | All dimensions in millimetres. This drawing should be read in conjunction with Multinail Technical sheets. | Version: <b>1.9.4</b>     |
| Pitch: <b>22.50</b>  | TC Fix/Rest: <b>Metal @ 1200c/1200c</b>         | Fascia Type: <b>Non-structural</b>      |  | User: <b>(TN-016-020)</b> |
| Overhang: <b>0/0</b> | Ceiling: <b>Plaster 10mm Supa Span@7.2kg/m²</b> | Ground Snow Load:                       |  | Date: <b>15/02/2019</b>   |
| Spacing: <b>1200</b> | BC Fix/Rest: <b>Direct fix @ 600c/600c</b>      | Structure: <b>House</b>                 |  | Page: <b>10</b>           |



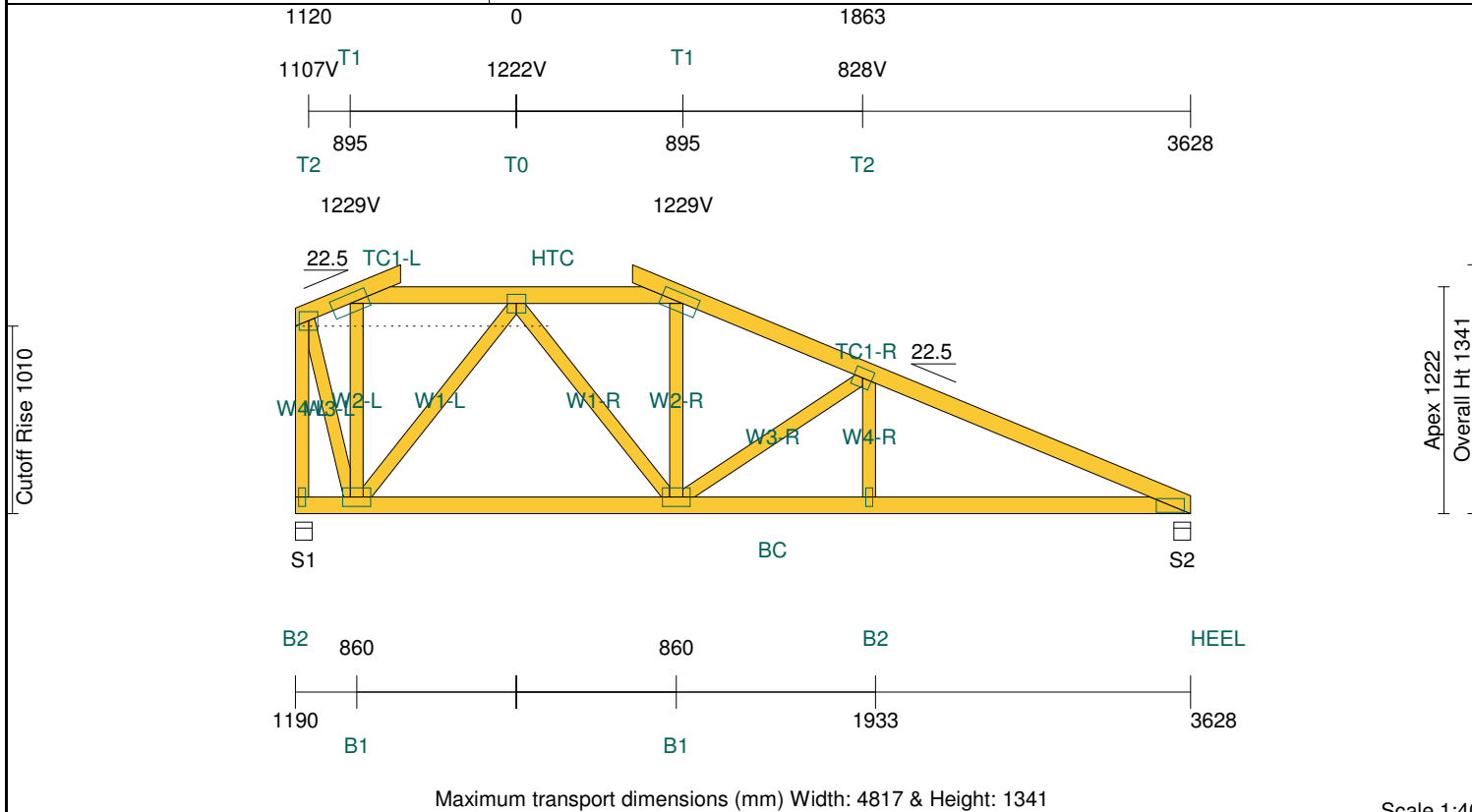
|  |  |           |                          |
|--|--|-----------|--------------------------|
| Client: <b>DEDICATED DEVELOPMENT PTY LTD</b>                   | <b>Trusstech SA Pty Ltd</b><br><br>ABN: 401 318 22 140 16 High Street Dry Creek SA 5094 Ph: 08 8260 6006 | Job No:   | <b>TT02399</b>           |
| Site: <b>638 BURBRIDGE RD</b><br><b>WEST BEACH SA 5024 AUS</b> |  | Truss:    | <b>Layout created T6</b> |
| Ref: <b>DWELLING 3</b>   |  | Type:     | <b>RightHalf TG1828</b>  |
|  |  | Quantity: | <b>1</b>                 |



LOADS ON TRUSS: A=Auto loads by system; S=Service loads; Uc=User defined concentrated loads; Ud=User defined distributed loads  
Note: -ve signed loads act downwards, +ve signed loads act upwards

| Indicator | A1 (kN) | A2 (kN) | A3 (kN) | A4 (kN) | A5 (kN) | A6 (kN) | A7 (kN) |
|-----------|---------|---------|---------|---------|---------|---------|---------|
| DL        | -0.024  | -0.080  | -0.024  | -0.024  | -0.080  | -0.159  | -0.025  |
| LL        | -0.063  | 0.000   | -0.063  | -0.063  | 0.000   | -0.217  | -0.066  |
| WL        | 0.092   | 0.118   | 0.092   | 0.092   | 0.118   | 0.425   | 0.096   |
| Desc      | j7      | hb1     | j8      | j7      | hb1     | hR4     | j2      |

|  |   |                                 |
|--|---|---------------------------------|
| Client: <b>DEDICATED DEVELOPMENT PTY LTD</b>             | <b>Trusstech SA Pty Ltd</b>   | Job No: <b>TT02399</b>          |
| Site: <b>638 BURBRIDGE RD<br/>WEST BEACH SA 5024 AUS</b> | ABN: 401 318 22 140 16 High Street Dry Creek SA 5094 Ph: 08 8260 6006 | Truss: <b>Layout created T7</b> |
| Ref: <b>DWELLING 3</b>                                   |   | Type: <b>TS3028</b>             |
|  |   | Quantity: <b>1</b>              |



#### TIMBER:

| Member | Size & Grade       | Def | Jnt | Grp | Rest |
|--------|--------------------|-----|-----|-----|------|
| TC1-L  | 90x35-MGP10 H0 ADS |     | JD5 |     | 1200 |
| TC1-R  | 90x35-MGP10 H0 ADS | 1   | JD5 |     | 1200 |
| BC     | 90x35-MGP10 H0 ADS | 1   | JD5 |     | 600  |
| HTC    | 90x35-MGP10 H0 ADS |     | JD5 |     | 1200 |
| W1     | 70x35-MGP10 H0 ADS |     | JD5 |     |      |
| W2     | 70x35-MGP10 H0 ADS |     | JD5 |     |      |
| W3-L   | 70x35-MGP10 H0 ADS |     | JD5 |     |      |
| W3-R   | 70x35-MGP10 H0 ADS |     | JD5 |     |      |
| W4-L   | 70x35-MGP10 H0 ADS |     | JD5 |     |      |
| W4-R   | 70x35-MGP10 H0 ADS |     | JD5 |     |      |

#### PLATES:

| Joint  | Size & Grade | Camber | X   | Y  | Rtn |
|--------|--------------|--------|-----|----|-----|
| HEEL-R | 75x150-MN    |        | =   | =  | 0   |
| T0     | 100x100-MN   |        | 50  | 50 | 0   |
| T1-L   | 100x200-MN   |        | =   | 50 | 23  |
| T1-R   | 100x200-MN   |        | 120 | 50 | 23  |
| T2-L   | 100x100-MN   |        | 50  | 50 | 112 |
| T2-R   | 100x100-MN   |        | 50  | 50 | 0   |
| B1     | 100x150-MN   | 1      | =   | 50 | 0   |
| B2     | 38x100-MN    |        | =   | =  | 0   |

#### Vertical Reactions at Supports

| Support        | (No.)          | S1      | S2      |
|----------------|----------------|---------|---------|
| 1.35DL         | (kN)           | 0.78    | 0.70    |
| 1.2DL + 1.5MLL | (kN)           | 1.82    | 1.72    |
| 0.9DL + 1WL    | (kN)           | -1.02   | -0.93   |
| Tie Down       | Required       | 1 MGrip | 1 MGrip |
| Bearing        | Member/Support | Ok/Ok   | Ok/Ok   |

(Note: Tie down capacity based on JD5. Bearing capacity based on timber properties of the member onto support, and SD7 for support.)

[AS/NZS 1170-2002][AS 1720.1-2010]

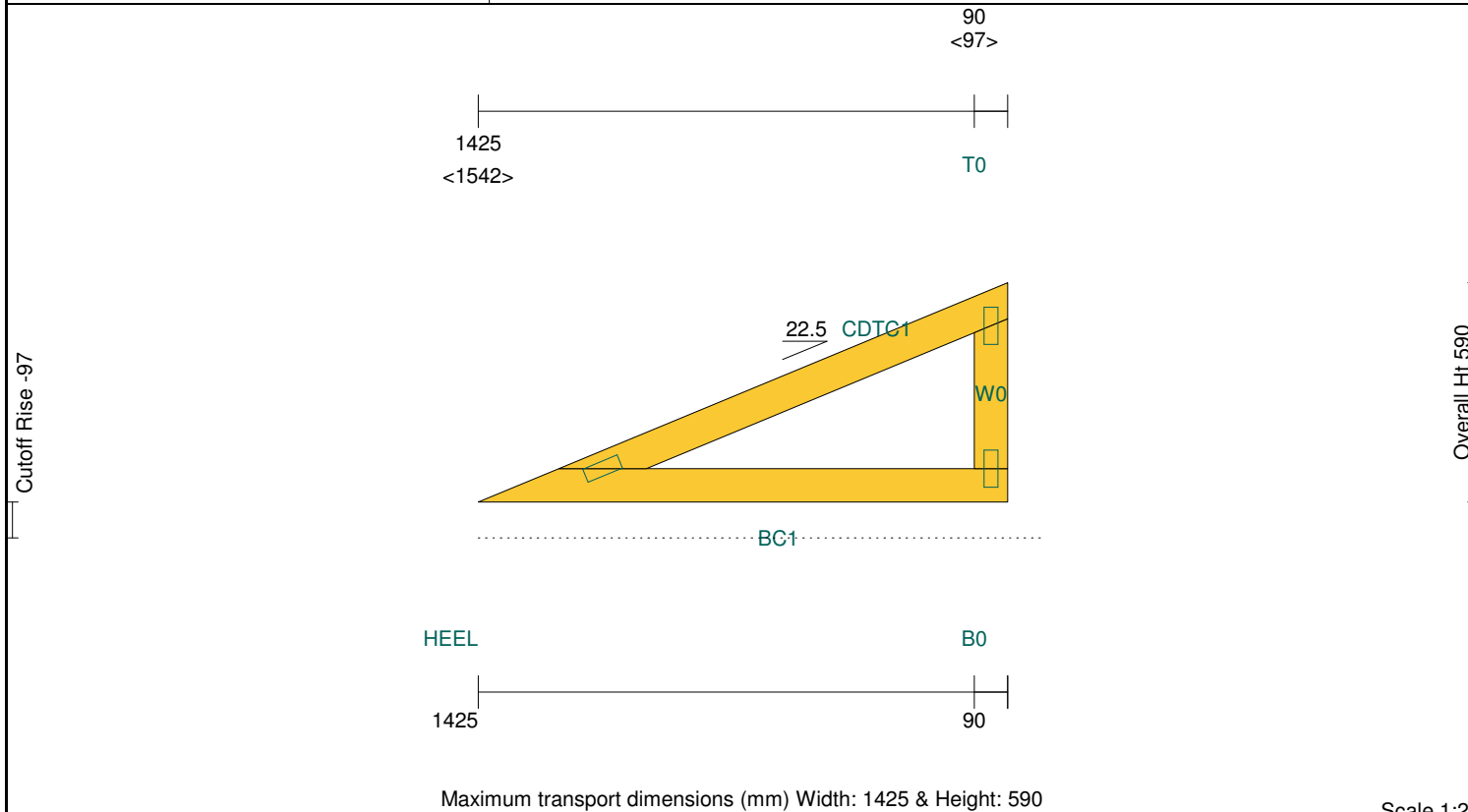
Scale 1:40

Weight of timber & plate (excl. brackets): **28.7kg**

|                           |  |   |  |                           |
|---------------------------|--|---|--|---------------------------|
| Span: <b>4817</b>         | Roofing: <b>Metal Sheet@7kg/m<sup>2</sup></b>              | Wind / Ext / Int: <b>N1 / 0.6 / 0.2</b> | All dimensions in millimetres. This drawing should be read in conjunction with Multinail Technical sheets. | Version: <b>1.9.4</b>     |
| Pitch: <b>22.50/22.50</b> | TC Fix/Rest: <b>Metal @ 1200c/1200c</b>                    | Fascia Type: <b>Non-structural</b>      |  | User: <b>(TN-016-020)</b> |
| Overhang: <b>0/0</b>      | Ceiling: <b>Plaster 10mm Supa Span@7.2kg/m<sup>2</sup></b> | Ground Snow Load:                       |  | Date: <b>15/02/2019</b>   |
| Spacing: <b>1200</b>      | BC Fix/Rest: <b>Direct fix @ 600c/600c</b>                 | Structure: <b>House</b>                 |  | Page: <b>12</b>           |



|  |  |                                 |
|--|--|---------------------------------|
| Client: <b>DEDICATED DEVELOPMENT PTY LTD</b>             | <b>Trusstech SA Pty Ltd</b><br>ABN: 401 318 22 140 16 High Street Dry Creek SA 5094 Ph: 08 8260 6006 | Job No: <b>TT02399</b>          |
| Site: <b>638 BURBRIDGE RD<br/>WEST BEACH SA 5024 AUS</b> |  | Truss: <b>Layout created S1</b> |
| Ref: <b>DWELLING 3</b>                                   |  | Type: <b>LeftHalf Saddle</b>    |
|  |  | Quantity: <b>1</b>              |



**TIMBER:**

| Member | Size & Grade       | Def | Jnt | Grp  | Rest |
|--------|--------------------|-----|-----|------|------|
| BC1    | 90x35-MGP10 H0 ADS | 2   | JD5 | 1200 |      |
| CDTC1  | 90x35-MGP10 H0 ADS |     | JD5 | 1200 |      |
| W0     | 90x35-MGP10 H0 ADS |     | JD5 |      |      |


**PLATES:**

| Joint | Size & Grade | Camber | X | / | Y | / | Rtn |
|-------|--------------|--------|---|---|---|---|-----|
| HEEL  | 38x100-MN    |        | = |   | = |   | 23  |
| T0    | 38x100-MN    |        | = |   | = |   | 0   |
| B0    | 38x100-MN    |        | = |   | = |   | 0   |

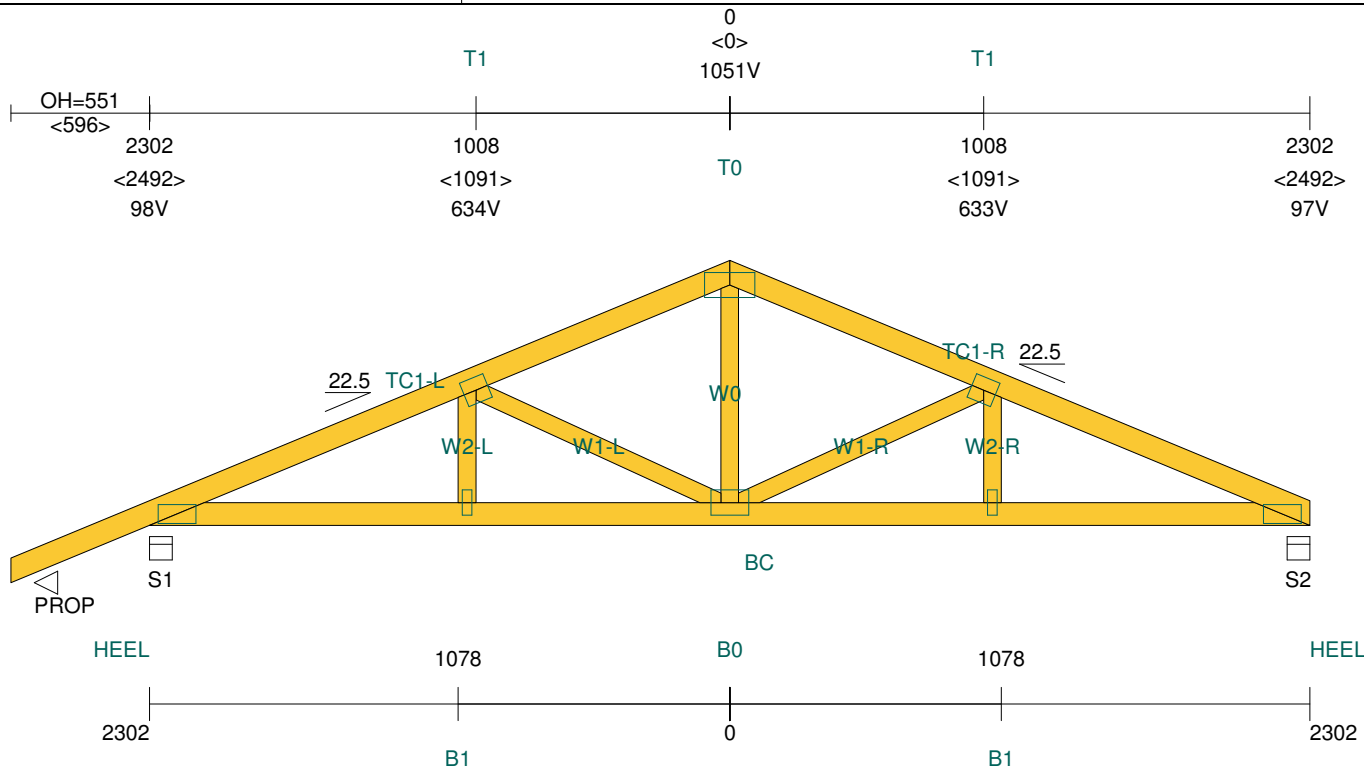
**Vertical Reactions at Supports** [AS/NZS 1170-2002][AS 1720.1-2010]

Support  
1.35DL  
1.2DL + 1.5MLL  
0.9DL + 1WL  
Tie Down  
Bearing  
(Note: Tie down capacity based on JD5. Bearing capacity based on timber properties of the member onto support, and SD7 for support.)

Weight of timber & plate (excl. brackets): **5.1kg**

|                      |   |   |  |                           |
|----------------------|---|---|--|---------------------------|
| Span: <b>1425</b>    | Roofing: <b>Metal Sheet@7kg/m²</b>              | Wind / Ext / Int: <b>N1 / 0.9 / 0.2</b> | All dimensions in millimetres. This drawing should be read in conjunction with Multinail Technical sheets. | Version: <b>1.9.4</b>     |
| Pitch: <b>22.50</b>  | TC Fix/Rest: <b>Metal @ 1200c/1200c</b>         | Fascia Type: <b>Non-structural</b>      |  | User: <b>(TN-016-020)</b> |
| Overhang: <b>0/0</b> | Ceiling: <b>Plaster 10mm Supa Span@7.2kg/m²</b> | Ground Snow Load:                       |                       | Date: <b>15/02/2019</b>   |
| Spacing: <b>1200</b> | BC Fix/Rest: <b>Direct fix @ 600c/600c</b>      | Structure: <b>House</b>                 |  | Page: <b>13</b>           |

|  |   |                                 |
|--|---|---------------------------------|
| Client: <b>DEDICATED DEVELOPMENT PTY LTD</b>             | <b>Trusstech SA Pty Ltd</b>   | Job No: <b>TT02399</b>          |
| Site: <b>638 BURBRIDGE RD<br/>WEST BEACH SA 5024 AUS</b> | ABN: 401 318 22 140 16 High Street Dry Creek SA 5094 Ph: 08 8260 6006 | Truss: <b>Layout created T8</b> |
| Ref: <b>DWELLING 3</b>                                   |   | Type: <b>Standard</b>           |
|  |   | Quantity: <b>1</b>              |



#### TIMBER:

| Member | Size & Grade       | Def | Jnt | Grp | Rest |
|--------|--------------------|-----|-----|-----|------|
| TC1-L  | 90x35-MGP10 H0 ADS |     | JD5 |     | 1200 |
| TC1-R  | 90x35-MGP10 H0 ADS |     | JD5 |     | 1200 |
| BC     | 90x35-MGP10 H0 ADS |     | JD5 |     | 600  |
| W0     | 70x35-MGP10 H0 ADS |     | JD5 |     |      |
| W1     | 70x35-MGP10 H0 ADS |     | JD5 |     |      |
| W2     | 70x35-MGP10 H0 ADS |     | JD5 |     |      |

#### PLATES:

| Joint | Size & Grade | Camber | X  | Y  | Rtn |
|-------|--------------|--------|----|----|-----|
| HEEL  | 75x150-MN    |        | =  | =  | 0   |
| T0    | 100x200-MN   |        | =  | =  | 0   |
| T1    | 100x100-MN   |        | 50 | 50 | 0   |
| B0    | 100x150-MN   | 1      | =  | 50 | 0   |
| B1    | 38x100-MN    | 1      | =  | =  | 0   |

Maximum transport dimensions (mm) Width: 5155 & Height: 1279

Scale 1:30

#### Vertical Reactions at Supports

| Support        | (No.)          | S1      | S2      |
|----------------|----------------|---------|---------|
| 1.35DL         | (kN)           | 0.83    | 0.68    |
| 1.2DL + 1.5MLL | (kN)           | 2.04    | 1.62    |
| 0.9DL + 1WL    | (kN)           | -1.82   | -1.42   |
| Tie Down       | Required       | 1 MGrip | 1 MGrip |
| Bearing        | Member/Support | Ok/Ok   | Ok/Ok   |

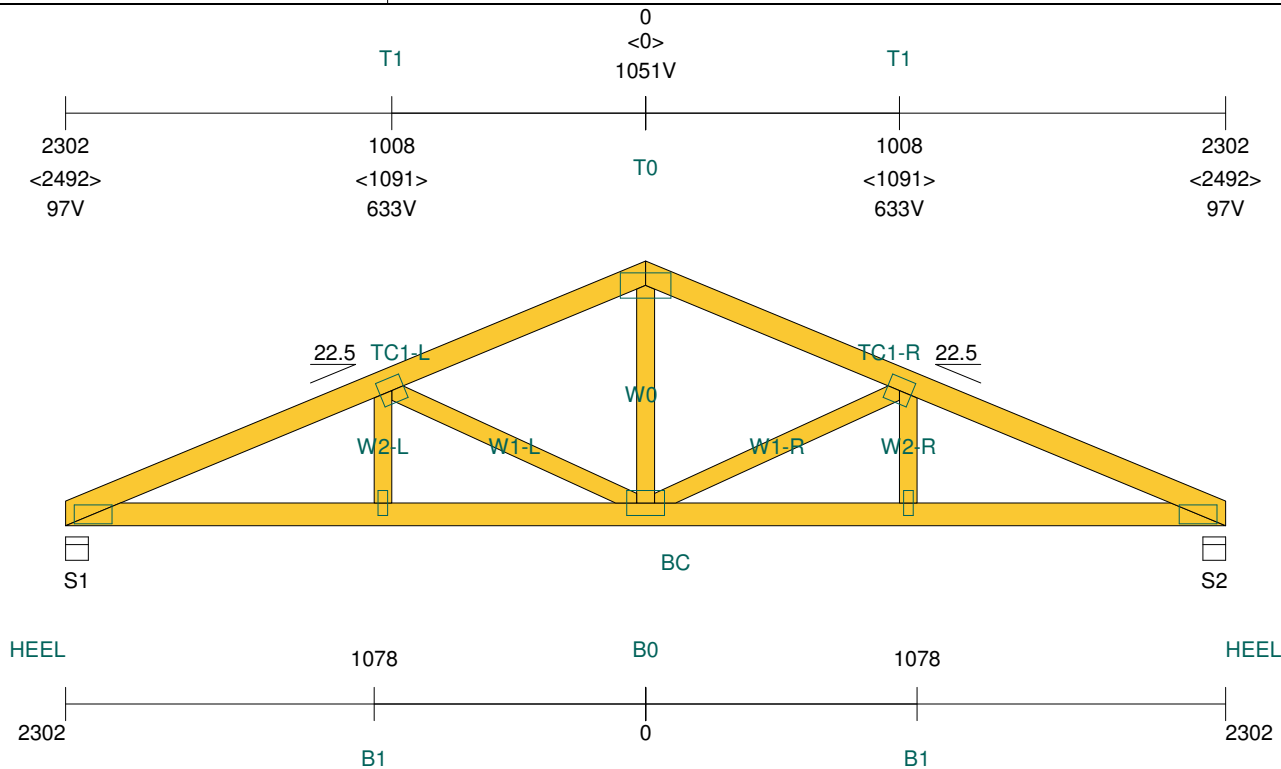
(Note: Tie down capacity based on JD5. Bearing capacity based on timber properties of the member onto support, and SD7 for support.)

Weight of timber & plate (excl. brackets): **22.2kg**

|                           |  |   |  |                           |
|---------------------------|--|---|--|---------------------------|
| Span: <b>4605</b>         | Roofing: <b>Metal Sheet@7kg/m<sup>2</sup></b>              | Wind / Ext / Int: <b>N1 / 0.9 / 0.2</b> | All dimensions in millimetres. This drawing should be read in conjunction with Multinail Technical sheets. | Version: <b>1.9.4</b>     |
| Pitch: <b>22.50/22.50</b> | TC Fix/Rest: <b>Metal @ 1200c/1200c</b>                    | Fascia Type: <b>Non-structural</b>      |  | User: <b>(TN-016-020)</b> |
| Overhang: <b>550/0</b>    | Ceiling: <b>Plaster 10mm Supa Span@7.2kg/m<sup>2</sup></b> | Ground Snow Load:                       |  | Date: <b>15/02/2019</b>   |
| Spacing: <b>1200</b>      | BC Fix/Rest: <b>Direct fix @ 600c/600c</b>                 | Structure: <b>House</b>                 |  | Page: <b>14</b>           |



|  |   |                                 |
|--|---|---------------------------------|
| Client: <b>DEDICATED DEVELOPMENT PTY LTD</b>             | <b>Trusstech SA Pty Ltd</b>   | Job No: <b>TT02399</b>          |
| Site: <b>638 BURBRIDGE RD<br/>WEST BEACH SA 5024 AUS</b> | ABN: 401 318 22 140 16 High Street Dry Creek SA 5094 Ph: 08 8260 6006 | Truss: <b>Layout created T9</b> |
| Ref: <b>DWELLING 3</b>                                   |   | Type: <b>Standard</b>           |
|  |   | Quantity: <b>1</b>              |



#### TIMBER:

| Member | Size & Grade       | Def | Jnt | Grp | Rest |
|--------|--------------------|-----|-----|-----|------|
| TC1    | 90x35-MGP10 H0 ADS |     | JD5 |     | 1200 |
| BC     | 90x35-MGP10 H0 ADS |     | JD5 |     | 600  |
| W0     | 70x35-MGP10 H0 ADS |     | JD5 |     |      |
| W1     | 70x35-MGP10 H0 ADS |     | JD5 |     |      |
| W2     | 70x35-MGP10 H0 ADS |     | JD5 |     |      |

#### PLATES:

| Joint | Size & Grade | Camber | X  | Y  | Rtn |
|-------|--------------|--------|----|----|-----|
| HEEL  | 75x150-MN    |        | =  | =  | 0   |
| T0    | 100x200-MN   |        | =  | =  | 0   |
| T1    | 100x100-MN   |        | 50 | 50 | 0   |
| B0    | 100x150-MN   | 1      | =  | 50 | 0   |
| B1    | 38x100-MN    | 1      | =  | =  | 0   |

#### Vertical Reactions at Supports

| Support        | (No.)          | S1      | S2      |
|----------------|----------------|---------|---------|
| 1.35DL         | (kN)           | 0.68    | 0.68    |
| 1.2DL + 1.5MLL | (kN)           | 1.64    | 1.64    |
| 0.9DL + 1WL    | (kN)           | -1.45   | -1.45   |
| Tie Down       | Required       | 1 MGrip | 1 MGrip |
| Bearing        | Member/Support | Ok/Ok   | Ok/Ok   |

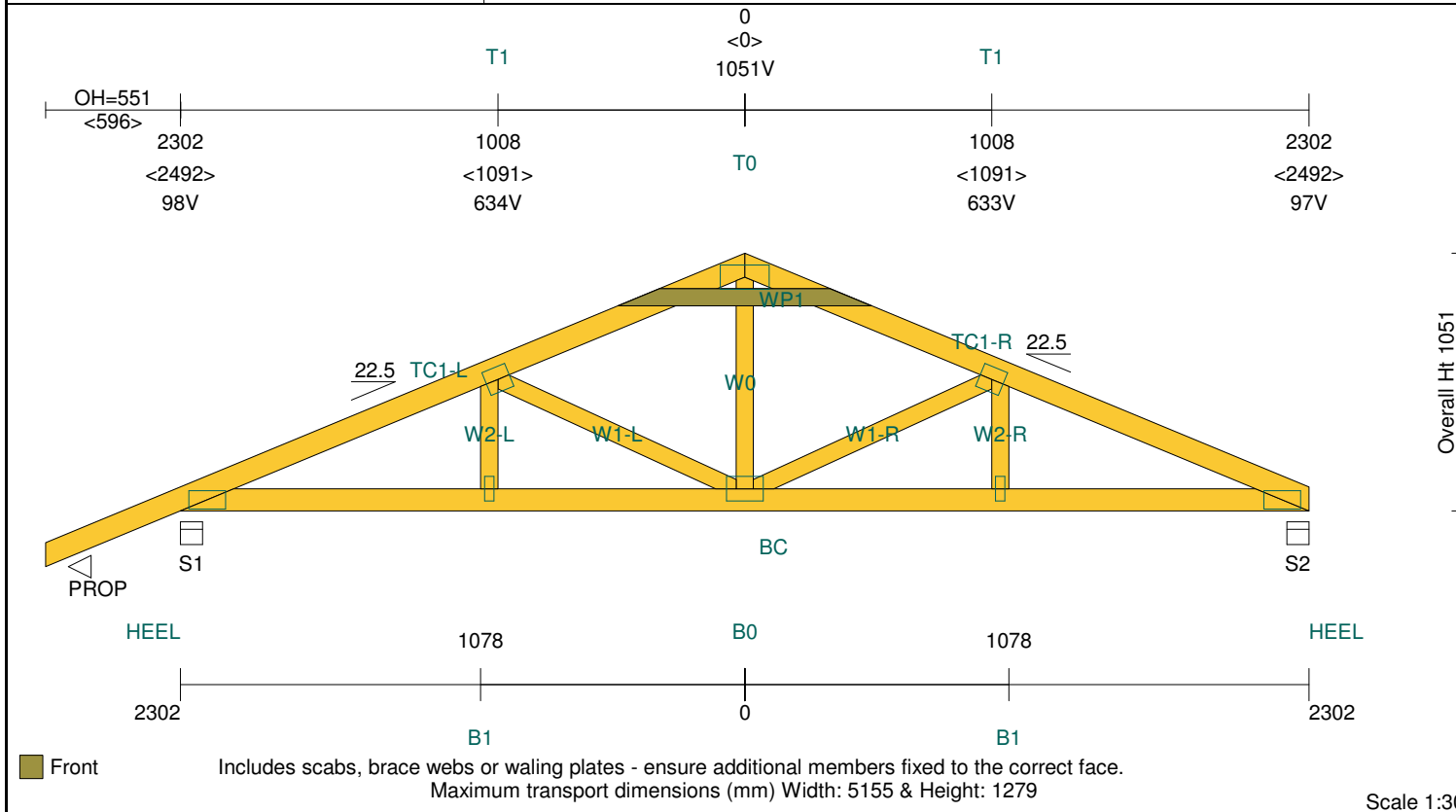
(Note: Tie down capacity based on JD5. Bearing capacity based on timber properties of the member onto support, and SD7 for support.)

Weight of timber & plate (excl. brackets): **21.2kg**

|                           |  |   |  |                           |
|---------------------------|--|---|--|---------------------------|
| Span: <b>4605</b>         | Roofing: <b>Metal Sheet@7kg/m<sup>2</sup></b>              | Wind / Ext / Int: <b>N1 / 0.9 / 0.2</b> | All dimensions in millimetres. This drawing should be read in conjunction with Multinail Technical sheets. | Version: <b>1.9.4</b>     |
| Pitch: <b>22.50/22.50</b> | TC Fix/Rest: <b>Metal @ 1200c/1200c</b>                    | Fascia Type: <b>Non-structural</b>      |  | User: <b>(TN-016-020)</b> |
| Overhang: <b>0/0</b>      | Ceiling: <b>Plaster 10mm Supa Span@7.2kg/m<sup>2</sup></b> | Ground Snow Load:                       |  | Date: <b>15/02/2019</b>   |
| Spacing: <b>1200</b>      | BC Fix/Rest: <b>Direct fix @ 600c/600c</b>                 | Structure: <b>House</b>                 |  | Page: <b>15</b>           |



|  |   |                                  |
|--|---|----------------------------------|
| Client: <b>DEDICATED DEVELOPMENT PTY LTD</b>             | <b>Trusstech SA Pty Ltd</b>   | Job No: <b>TT02399</b>           |
| Site: <b>638 BURBRIDGE RD<br/>WEST BEACH SA 5024 AUS</b> | ABN: 401 318 22 140 16 High Street Dry Creek SA 5094 Ph: 08 8260 6006 | Truss: <b>Layout created T10</b> |
| Ref: <b>DWELLING 3</b>                                   |   | Type: <b>DHG2303</b>             |
|  |   | Quantity: <b>1</b>               |



#### TIMBER:

| Member | Size & Grade       | Def | Jnt | Grp | Rest |
|--------|--------------------|-----|-----|-----|------|
| TC1-L  | 90x35-MGP10 H0 ADS |     | JD5 |     | 1200 |
| TC1-R  | 90x35-MGP10 H0 ADS |     | JD5 |     | 1200 |
| BC     | 90x35-MGP10 H0 ADS |     | JD5 |     | 600  |
| WP1    | 70x35-MGP10 H0 ADS |     | JD5 |     | 1200 |
| W0     | 70x35-MGP10 H0 ADS |     | JD5 |     |      |
| W1     | 70x35-MGP10 H0 ADS |     | JD5 |     |      |
| W2     | 70x35-MGP10 H0 ADS |     | JD5 |     |      |

#### PLATES:

| Joint | Size & Grade | Camber | X  | Y  | Rtn |
|-------|--------------|--------|----|----|-----|
| HEEL  | 75x150-MN    |        | =  | =  | 0   |
| T0    | 100x200-MN   |        | =  | =  | 0   |
| T1    | 100x100-MN   |        | 50 | 50 | 0   |
| B0    | 100x150-MN   | 1      | =  | 50 | 0   |
| B1    | 38x100-MN    | 1      | =  | =  | 0   |

#### Vertical Reactions at Supports

| Support        | (No.)          | S1      | S2      |
|----------------|----------------|---------|---------|
| 1.35DL         | (kN)           | 1.34    | 1.17    |
| 1.2DL + 1.5MLL | (kN)           | 2.98    | 2.51    |
| 0.9DL + 1WL    | (kN)           | -2.46   | -2.02   |
| Tie Down       | Required       | 1 MGrip | 1 MGrip |
| Bearing        | Member/Support | Ok/Ok   | Ok/Ok   |

(Note: Tie down capacity based on JD5. Bearing capacity based on timber properties of the member onto support, and SD7 for support.)

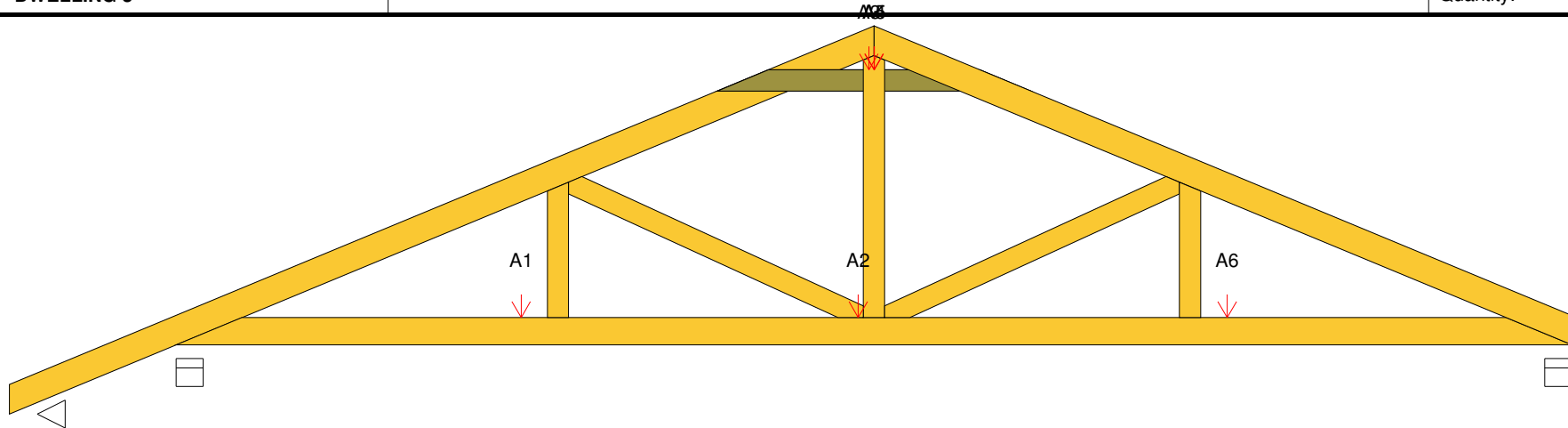
Weight of timber & plate (excl. brackets): **23.4kg**

|                           |  |   |  |                           |
|---------------------------|--|---|--|---------------------------|
| Span: <b>4605</b>         | Roofing: <b>Metal Sheet@7kg/m<sup>2</sup></b>              | Wind / Ext / Int: <b>N1 / 0.9 / 0.2</b> | All dimensions in millimetres. This drawing should be read in conjunction with Multinail Technical sheets. | Version: <b>1.9.4</b>     |
| Pitch: <b>22.50/22.50</b> | TC Fix/Rest: <b>Metal @ 1200c/1200c</b>                    | Fascia Type: <b>Non-structural</b>      |  | User: <b>(TN-016-020)</b> |
| Overhang: <b>550/0</b>    | Ceiling: <b>Plaster 10mm Supa Span@7.2kg/m<sup>2</sup></b> | Ground Snow Load:                       |  | Date: <b>15/02/2019</b>   |
| Spacing: <b>1200</b>      | BC Fix/Rest: <b>Direct fix @ 600c/600c</b>                 | Structure: <b>House</b>                 |  | Page: <b>16</b>           |





|  |  |                                  |
|--|--|----------------------------------|
| Client: <b>DEDICATED DEVELOPMENT PTY LTD</b>                   | <b>Trusstech SA Pty Ltd</b><br>ABN: 401 318 22 140 16 High Street Dry Creek SA 5094 Ph: 08 8260 6006 | Job No: <b>TT02399</b>           |
| Site: <b>638 BURBRIDGE RD</b><br><b>WEST BEACH SA 5024 AUS</b> |  | Truss: <b>Layout created T10</b> |
| Ref: <b>DWELLING 3</b>   |  | Type: <b>DHG2303</b>             |
|  |  | Quantity: <b>1</b>               |

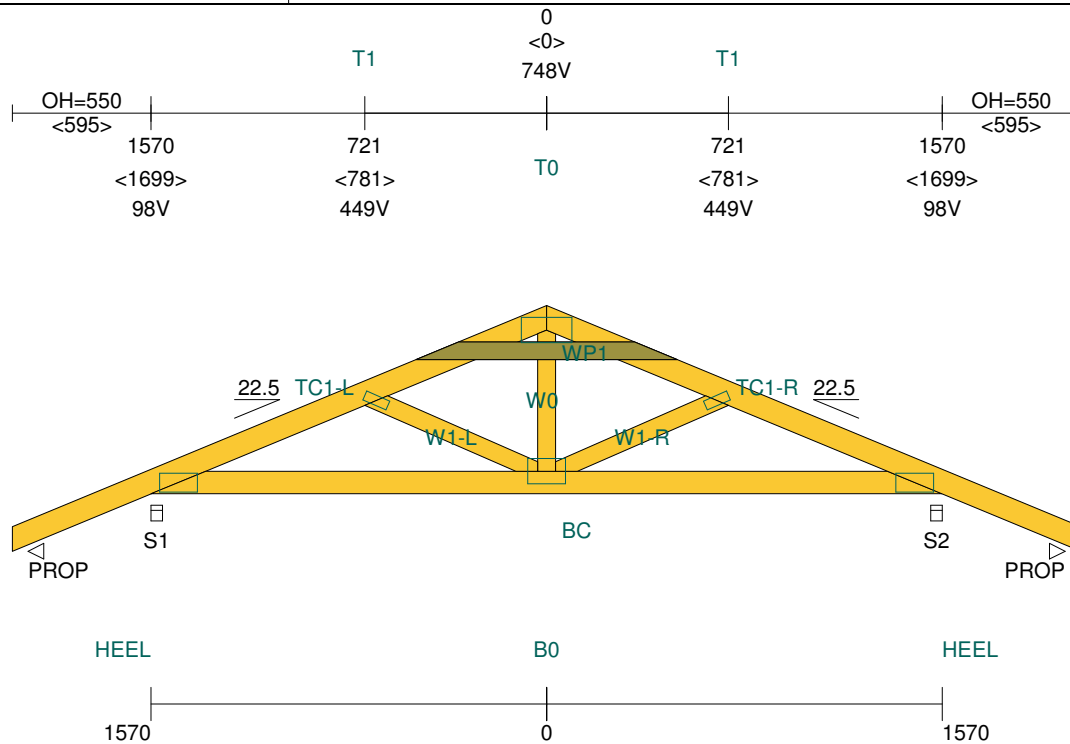


■ Front

LOADS ON TRUSS: A=Auto loads by system; S=Service loads; Uc=User defined concentrated loads; Ud=User defined distributed loads  
Note: -ve signed loads act downwards, +ve signed loads act upwards

| Indicator | A1 (kN) | A2 (kN) | A3 (kN) | A4 (kN) | A5 (kN) | A6 (kN) |
|-----------|---------|---------|---------|---------|---------|---------|
| DL        | -0.124  | -0.124  | -0.101  | -0.148  | -0.119  | -0.124  |
| LL        | 0.000   | 0.000   | -0.266  | -0.202  | -0.162  | 0.000   |
| WL        | 0.183   | 0.183   | 0.385   | 0.539   | 0.433   | 0.183   |
| Desc      | hb3     | hb3     | j11     | hR6     | hR5     | hb3     |

|  |   |                                  |
|--|---|----------------------------------|
| Client: <b>DEDICATED DEVELOPMENT PTY LTD</b>             | <b>Trusstech SA Pty Ltd</b>   | Job No: <b>TT02399</b>           |
| Site: <b>638 BURBRIDGE RD<br/>WEST BEACH SA 5024 AUS</b> | ABN: 401 318 22 140 16 High Street Dry Creek SA 5094 Ph: 08 8260 6006 | Truss: <b>Layout created T11</b> |
| Ref: <b>DWELLING 3</b>                                   |   | Type: <b>DHG1570</b>             |
|  |   | Quantity: <b>1</b>               |



#### TIMBER:

| Member | Size & Grade       | Def | Jnt | Grp | Rest |
|--------|--------------------|-----|-----|-----|------|
| TC1    | 90x35-MGP10 H0 ADS |     | JD5 |     | 1200 |
| BC     | 90x35-MGP10 H0 ADS |     | JD5 |     | 600  |
| WP1    | 70x35-MGP10 H0 ADS |     | JD5 |     | 1200 |
| W0     | 70x35-MGP10 H0 ADS |     | JD5 |     |      |
| W1     | 70x35-MGP10 H0 ADS |     | JD5 |     |      |

#### PLATES:

| Joint | Size & Grade | Camber | X / | Y / | Rtn |
|-------|--------------|--------|-----|-----|-----|
| HEEL  | 75x150-MN    |        | =   | =   | 0   |
| T0    | 100x200-MN   |        | =   | =   | 0   |
| T1    | 38x100-MN    |        | =   | =   | 0   |
| B0    | 100x150-MN   | 1      | =   | 50  | 0   |

Front Includes scabs, brace webs or waling plates - ensure additional members fixed to the correct face.  
Maximum transport dimensions (mm) Width: 4240 & Height: 976

Scale 1:30

#### Vertical Reactions at Supports

| Support        | (No.)          | S1      | S2      |
|----------------|----------------|---------|---------|
| 1.35DL         | (kN)           | 0.74    | 0.74    |
| 1.2DL + 1.5MLL | (kN)           | 1.88    | 1.88    |
| 0.9DL + 1WL    | (kN)           | -1.63   | -1.63   |
| Tie Down       | Required       | 1 MGrip | 1 MGrip |
| Bearing        | Member/Support | Ok/Ok   | Ok/Ok   |

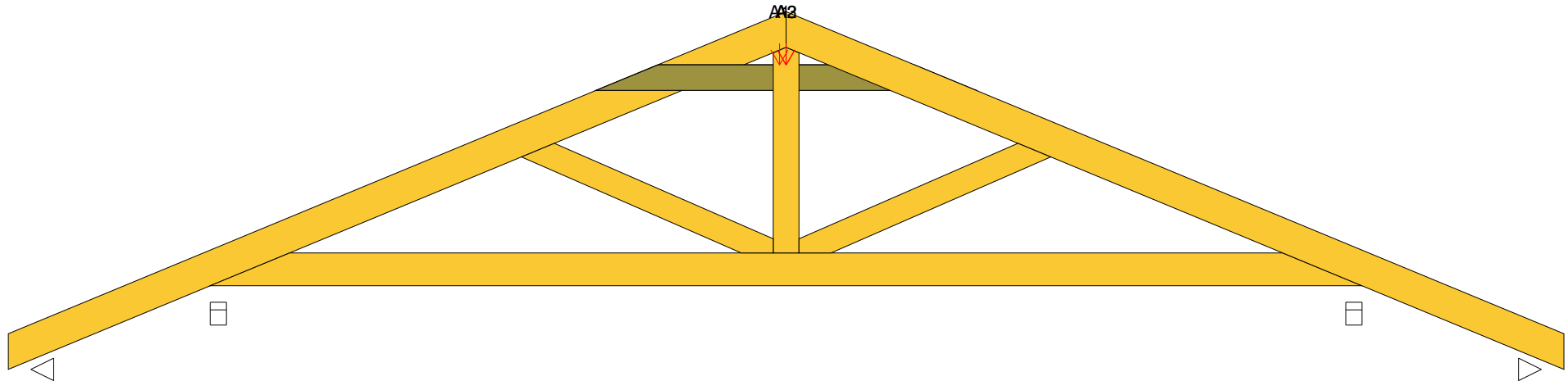
(Note: Tie down capacity based on JD5. Bearing capacity based on timber properties of the member onto support, and SD7 for support.)

Weight of timber & plate (excl. brackets): **16.9kg**

|                           |   |   |  |                           |
|---------------------------|---|---|--|---------------------------|
| Span: <b>3140</b>         | Roofing: <b>Metal Sheet@7kg/m²</b>              | Wind / Ext / Int: <b>N1 / 0.9 / 0.2</b> | All dimensions in millimetres. This drawing should be read in conjunction with Multinail Technical sheets. | Version: <b>1.9.4</b>     |
| Pitch: <b>22.50/22.50</b> | TC Fix/Rest: <b>Metal @ 1200c/1200c</b>         | Fascia Type: <b>Non-structural</b>      |  | User: <b>(TN-016-020)</b> |
| Overhang: <b>550/550</b>  | Ceiling: <b>Plaster 10mm Supa Span@7.2kg/m²</b> | Ground Snow Load:                       |  | Date: <b>15/02/2019</b>   |
| Spacing: <b>1200</b>      | BC Fix/Rest: <b>Direct fix @ 600c/600c</b>      | Structure: <b>House</b>                 |  | Page: <b>18</b>           |



|  |  |                                  |
|--|--|----------------------------------|
| Client: <b>DEDICATED DEVELOPMENT PTY LTD</b>             | <b>Trusstech SA Pty Ltd</b><br>ABN: 401 318 22 140 16 High Street Dry Creek SA 5094 Ph: 08 8260 6006 | Job No: <b>TT02399</b>           |
| Site: <b>638 BURBRIDGE RD<br/>WEST BEACH SA 5024 AUS</b> |  | Truss: <b>Layout created T11</b> |
| Ref: <b>DWELLING 3</b>                                   |  | Type: <b>DHG1570</b>             |
|  |  | Quantity: <b>1</b>               |

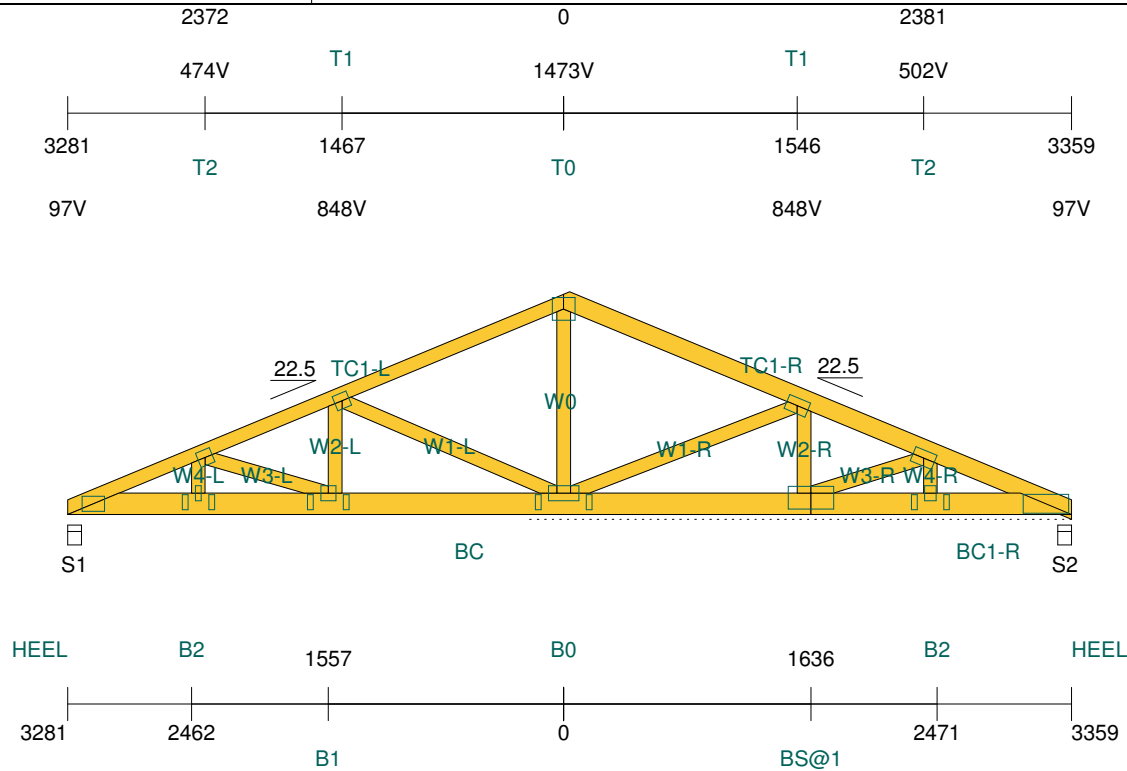


■ Front

LOADS ON TRUSS: A=Auto loads by system; S=Service loads; Uc=User defined concentrated loads; Ud=User defined distributed loads  
Note: -ve signed loads act downwards, +ve signed loads act upwards

| Indicator | A1 (kN) | A2 (kN) | A3 (kN) |
|-----------|---------|---------|---------|
| DL        | -0.064  | -0.067  | -0.067  |
| LL        | -0.169  | -0.091  | -0.091  |
| WL        | 0.253   | 0.251   | 0.251   |
| Desc      | j13     | hR7     | hR8     |

|  |   |                                  |
|--|---|----------------------------------|
| Client: <b>DEDICATED DEVELOPMENT PTY LTD</b>             | <b>Trusstech SA Pty Ltd</b>   | Job No: <b>TT02399</b>           |
| Site: <b>638 BURBRIDGE RD<br/>WEST BEACH SA 5024 AUS</b> | ABN: 401 318 22 140 16 High Street Dry Creek SA 5094 Ph: 08 8260 6006 | Truss: <b>Layout created T12</b> |
| Ref: <b>DWELLING 3</b>                                   |   | Type: <b>Girder SC0</b>          |
|  |   | Quantity: <b>1</b>               |



Cutoff Rise -32  
Overall Ht 1473

#### TIMBER:

| Member | Size & Grade        | Def | Jnt | Grp  | Rest |
|--------|---------------------|-----|-----|------|------|
| TC1-L  | 90x45-MGP10 H0 ADS  | 1   | JD5 | 1200 |      |
| TC1-R  | 120x45-MGP10 H0 ADS |     | JD5 | 1200 |      |
| BC     | 140x45-MGP10 H0 ADS |     | JD5 | 600  |      |
| BC1-R  | 140x45-MGP10 H0 ADS |     | JD5 | 600  |      |
| W0     | 90x45-MGP10 H0 ADS  |     | JD5 |      |      |
| W1-L   | 90x45-MGP10 H0 ADS  |     | JD5 |      |      |
| W1-R   | 90x45-MGP10 H0 ADS  |     | JD5 |      |      |
| W2-L   | 90x45-MGP10 H0 ADS  |     | JD5 |      |      |
| W2-R   | 90x45-MGP10 H0 ADS  |     | JD5 |      |      |
| W3-L   | 90x45-MGP10 H0 ADS  |     | JD5 |      |      |
| W3-R   | 90x45-MGP10 H0 ADS  |     | JD5 |      |      |
| W4-L   | 90x45-MGP10 H0 ADS  |     | JD5 |      |      |
| W4-R   | 90x45-MGP10 H0 ADS  |     | JD5 |      |      |

#### PLATES:

| Joint  | Size & Grade | Camber | X  | Y   | Rtn |
|--------|--------------|--------|----|-----|-----|
| HEEL-L | 100x150-MN   | =      | =  | =   | 0   |
| HEEL-R | 125x300-MN   | =      | =  | =   | 0   |
| SPLIT  | 38x100-MN    | =      | =  | =   | 0   |
| T0     | 150x150-MN   | =      | =  | =   | 0   |
| T1-L   | 100x100-MN   | 50     | 50 | 0   | 0   |
| T1-R   | 100x150-MN   | 75     | 50 | 0   | 0   |
| T2-L   | 100x100-MN   | 50     | 50 | 0   | 0   |
| T2-R   | 100x150-MN   | 75     | 50 | 0   | 0   |
| B0     | 100x200-MN   | 3      | =  | 50  | 0   |
| B1-L   | 100x100-MN   | 3      | =  | 50  | 0   |
| B2-L   | 38x100-MN    | 2      | =  | =   | 0   |
| B2-R   | 75x100-MN    | 2      | =  | =   | 0   |
| BS@1-R | 150x300-MN   | 3      | =  | 105 | 0   |

#### Vertical Reactions at Supports

| Support        | (No.)          | S1      | S2     |
|----------------|----------------|---------|--------|
| 1.35DL         | (kN)           | 2.72    | 3.68   |
| 1.2DL + 1.5MLL | (kN)           | 6.32    | 8.61   |
| 0.9DL + 1WL    | (kN)           | -3.92   | -5.04  |
| Tie Down       | Required       | 2 MGrps | 1 CTie |
| Bearing        | Member/Support | Ok/Ok   | Ok/Ok  |

(Note: Tie down capacity based on JD5. Bearing capacity based on timber properties of the member onto support, and SD7 for support.)

Scale 1:50

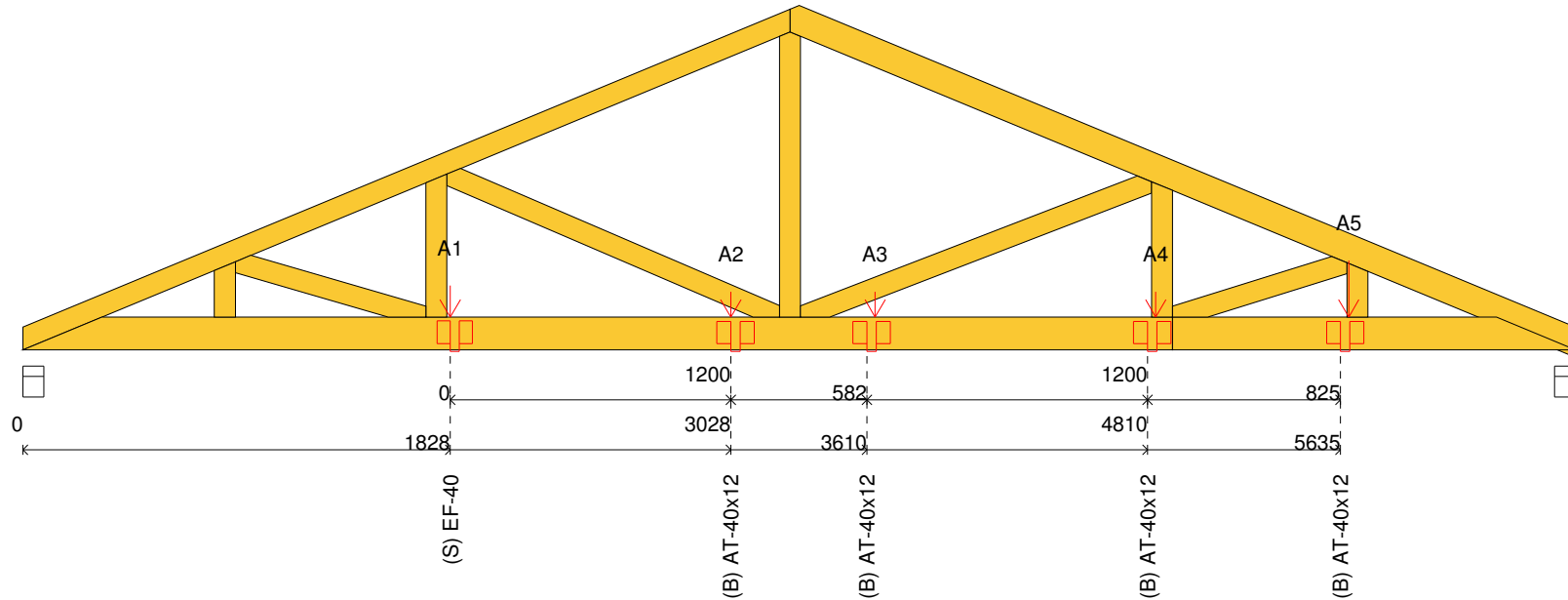
[AS/NZS 1170-2002][AS 1720.1-2010]

Weight of timber & plate (excl. brackets): **57.3kg**

|                           |   |   |  |                           |
|---------------------------|---|---|--|---------------------------|
| Span: <b>6640</b>         | Roofing: <b>Metal Sheet@7kg/m²</b>              | Wind / Ext / Int: <b>N1 / 0.9 / 0.2</b> | All dimensions in millimetres. This drawing should be read in conjunction with Multinail Technical sheets. | Version: <b>1.9.4</b>     |
| Pitch: <b>22.50/22.50</b> | TC Fix/Rest: <b>Metal @ 1200c/1200c</b>         | Fascia Type: <b>Non-structural</b>      |  | User: <b>(TN-016-020)</b> |
| Overhang: <b>0/0</b>      | Ceiling: <b>Plaster 10mm Supa Span@7.2kg/m²</b> | Ground Snow Load:                       |  | Date: <b>15/02/2019</b>   |
| Spacing: <b>1200</b>      | BC Fix/Rest: <b>Direct fix @ 600c/600c</b>      | Structure: <b>House</b>                 |  | Page: <b>20</b>           |



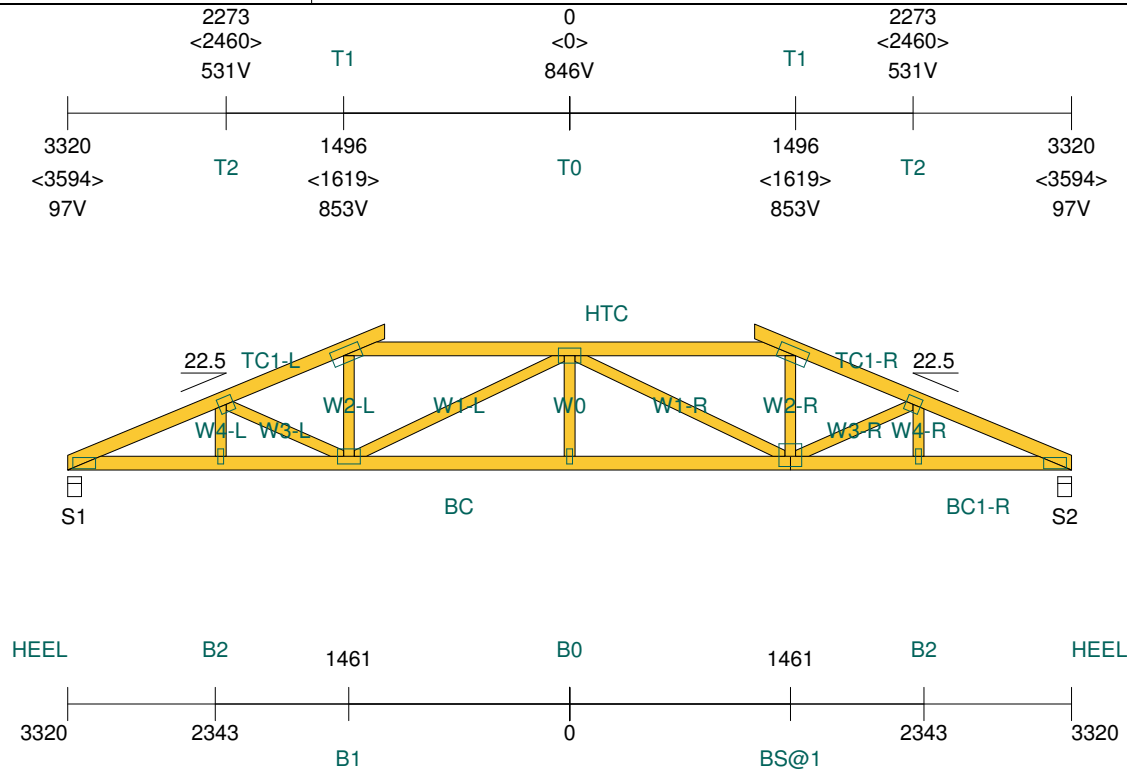
|  |  |                                  |
|--|--|----------------------------------|
| Client: <b>DEDICATED DEVELOPMENT PTY LTD</b>             | <b>Trusstech SA Pty Ltd</b><br>ABN: 401 318 22 140 16 High Street Dry Creek SA 5094 Ph: 08 8260 6006 | Job No: <b>TT02399</b>           |
| Site: <b>638 BURBRIDGE RD<br/>WEST BEACH SA 5024 AUS</b> |  | Truss: <b>Layout created T12</b> |
| Ref: <b>DWELLING 3</b>                                   |  | Type: <b>Girder SC0</b>          |
|  |  | Quantity: <b>1</b>               |



LOADS ON TRUSS: A=Auto loads by system; S=Service loads; Uc=User defined concentrated loads; Ud=User defined distributed loads  
Note: -ve signed loads act downwards, +ve signed loads act upwards

| Indicator | A1 (kN)   | A2 (kN)      | A3 (kN)      | A4 (kN)      | A5 (kN)      |
|-----------|-----------|--------------|--------------|--------------|--------------|
| DL        | -0.620    | -0.450       | -0.424       | -0.424       | -1.112       |
| LL        | -0.873    | -0.633       | -0.578       | -0.578       | -1.517       |
| WL        | 1.615     | 1.172        | 1.071        | 1.071        | 2.808        |
| Desc      | T6        | T7           | T3           | T3           | T2           |
| Boot      | (S) EF-40 | (B) AT-40x12 | (B) AT-40x12 | (B) AT-40x12 | (B) AT-40x12 |

|  |   |                                  |
|--|---|----------------------------------|
| Client: <b>DEDICATED DEVELOPMENT PTY LTD</b>             | <b>Trusstech SA Pty Ltd</b>   | Job No: <b>TT02399</b>           |
| Site: <b>638 BURBRIDGE RD<br/>WEST BEACH SA 5024 AUS</b> | ABN: 401 318 22 140 16 High Street Dry Creek SA 5094 Ph: 08 8260 6006 | Truss: <b>Layout created T13</b> |
| Ref: <b>DWELLING 3</b>                                   |   | Type: <b>TG2120</b>              |
|  |   | Quantity: <b>1</b>               |



Maximum transport dimensions (mm) Width: 6640 & Height: 965

Scale 1:50

#### Vertical Reactions at Supports

| Support        | (No.)          | S1      | S2      |
|----------------|----------------|---------|---------|
| 1.35DL         | (kN)           | 1.68    | 1.67    |
| 1.2DL + 1.5MLL | (kN)           | 3.66    | 3.66    |
| 0.9DL + 1WL    | (kN)           | -2.00   | -2.00   |
| Tie Down       | Required       | 1 MGrip | 1 MGrip |
| Bearing        | Member/Support | Ok/Ok   | Ok/Ok   |

(Note: Tie down capacity based on JD5. Bearing capacity based on timber properties of the member onto support, and SD7 for support.)

[AS/NZS 1170-2002][AS 1720.1-2010]

#### TIMBER:

| Member | Size & Grade       | Def | Jnt | Grp | Rest |
|--------|--------------------|-----|-----|-----|------|
| TC1    | 90x35-MGP10 H0 ADS |     | JD5 |     | 1200 |
| BC     | 90x35-MGP10 H0 ADS |     | JD5 |     | 600  |
| BC1-R  | 90x35-MGP10 H0 ADS |     | JD5 |     | 600  |
| HTC    | 90x35-MGP10 H0 ADS | 1   | JD5 |     | 1200 |
| W0     | 70x35-MGP10 H0 ADS |     | JD5 |     |      |
| W1     | 70x35-MGP10 H0 ADS |     | JD5 |     |      |
| W2     | 70x35-MGP10 H0 ADS |     | JD5 |     |      |
| W3     | 70x35-MGP10 H0 ADS |     | JD5 |     |      |
| W4     | 70x35-MGP10 H0 ADS |     | JD5 |     |      |

#### PLATES:

| Joint  | Size & Grade | Camber | X   | Y  | Rtn |
|--------|--------------|--------|-----|----|-----|
| HEEL   | 75x150-MN    |        | =   | =  | 0   |
| T0     | 100x150-MN   |        | =   | 50 | 0   |
| T1     | 100x200-MN   |        | 120 | 50 | 23  |
| T2     | 100x100-MN   |        | 50  | 50 | 0   |
| B0     | 38x100-MN    | 3      | =   | =  | 0   |
| B1-L   | 100x150-MN   | 3      | =   | 50 | 0   |
| B2     | 38x100-MN    | 2      | =   | =  | 0   |
| BS@1-R | 150x150-MN   | 3      | =   | 68 | 0   |

Weight of timber & plate (excl. brackets): **33.8kg**

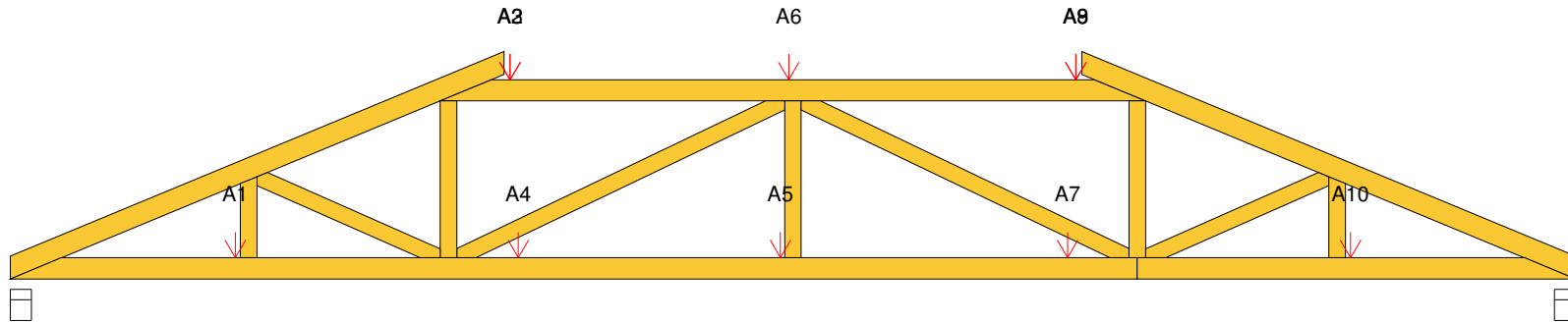
|                           |   |   |
|---------------------------|---|---|
| Span: <b>6640</b>         | Roofing: <b>Metal Sheet@7kg/m²</b>              | Wind / Ext / Int: <b>N1 / 0.6 / 0.2</b> |
| Pitch: <b>22.50/22.50</b> | TC Fix/Rest: <b>Metal @ 1200c/1200c</b>         | Fascia Type: <b>Non-structural</b>      |
| Overhang: <b>0/0</b>      | Ceiling: <b>Plaster 10mm Supa Span@7.2kg/m²</b> | Ground Snow Load:                       |
| Spacing: <b>1200</b>      | BC Fix/Rest: <b>Direct fix @ 600c/600c</b>      | Structure: <b>House</b>                 |

All dimensions in millimetres. This drawing should be read in conjunction with Multinail Technical sheets.



|                           |
|---------------------------|
| Version: <b>1.9.4</b>     |
| User: <b>(TN-016-020)</b> |
| Date: <b>15/02/2019</b>   |
| Page: <b>22</b>           |

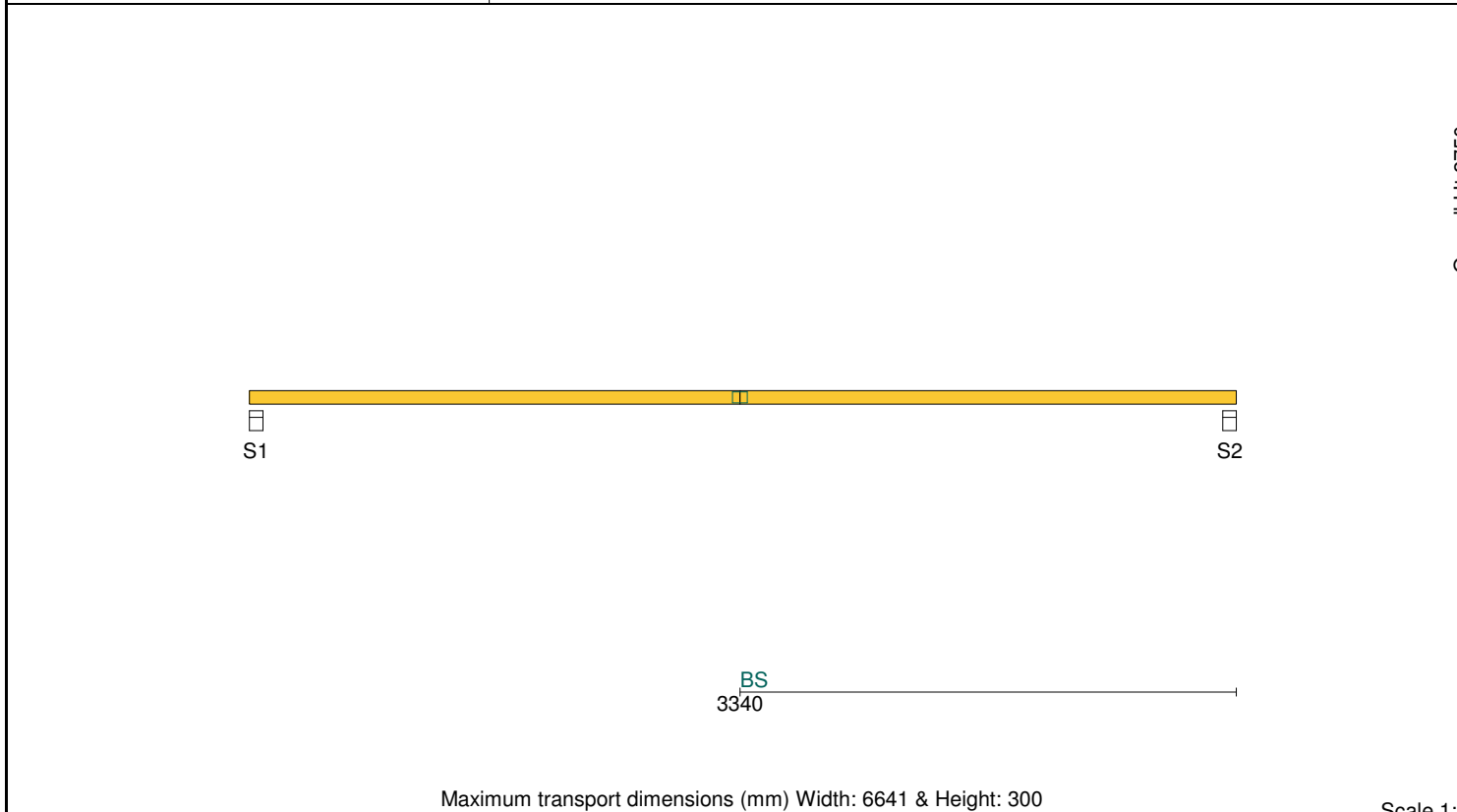
|  |  |   |
|--|--|---|
| Client: <b>DEDICATED DEVELOPMENT PTY LTD</b>             | <b>Trusstech SA Pty Ltd</b><br>ABN: 401 318 22 140 16 High Street Dry Creek SA 5094 Ph: 08 8260 6006 | Job No: <b>TT02399</b>                    |
| Site: <b>638 BURBRIDGE RD<br/>WEST BEACH SA 5024 AUS</b> |  | Truss: <b>Layout created T13</b>          |
| Ref: <b>DWELLING 3</b>                                   |  | Type: <b>TG2120</b><br>Quantity: <b>1</b> |



LOADS ON TRUSS: A=Auto loads by system; S=Service loads; Uc=User defined concentrated loads; Ud=User defined distributed loads  
Note: -ve signed loads act downwards, +ve signed loads act upwards

| Indicator | A1 (kN) | A2 (kN) | A3 (kN) | A4 (kN) | A5 (kN) | A6 (kN) | A7 (kN) | A8 (kN) | A9 (kN) | A10 (kN) |
|-----------|---------|---------|---------|---------|---------|---------|---------|---------|---------|----------|
| DL        | -0.102  | -0.196  | -0.033  | -0.102  | -0.102  | -0.046  | -0.102  | -0.196  | -0.033  | -0.102   |
| LL        | 0.000   | -0.267  | -0.087  | 0.000   | 0.000   | -0.121  | 0.000   | -0.267  | -0.087  | 0.000    |
| WL        | 0.150   | 0.497   | 0.118   | 0.150   | 0.150   | 0.165   | 0.150   | 0.497   | 0.118   | 0.150    |
| Desc      | hb4     | hR9     | j16     | hb4     | hb4     | j17     | hb4     | hR10    | j16     | hb4      |

|  |   |                                  |
|--|---|----------------------------------|
| Client: <b>DEDICATED DEVELOPMENT PTY LTD</b>             | <b>Trusstech SA Pty Ltd</b>   | Job No: <b>TT02399</b>           |
| Site: <b>638 BURBRIDGE RD<br/>WEST BEACH SA 5024 AUS</b> | ABN: 401 318 22 140 16 High Street Dry Creek SA 5094 Ph: 08 8260 6006 | Truss: <b>Layout created ij4</b> |
| Ref: <b>DWELLING 3</b>                                   |   | Type: <b>Int Ceiling Joist 0</b> |
|  |   | Quantity: <b>1</b>               |



**TIMBER:**

| Member | Size & Grade       | Def | Jnt | Grp | Rest |
|--------|--------------------|-----|-----|-----|------|
| ICJ1   | 90x35-MGP10 H0 ADS | 1   | JD5 |     |      |
| ICJ2   | 90x35-MGP10 H0 ADS | 1   | JD5 |     |      |

**PLATES:**


| Joint | Size & Grade | Camber | X / | Y / | Rtn |
|-------|--------------|--------|-----|-----|-----|
| BS    | 75x100-MN    | =      | =   | =   | 0   |

Vertical Reactions at Supports [AS/NZS 1170-2002][AS 1720.1-2010]

| Support        | (No.)    | S1      | S2      |
|----------------|----------|---------|---------|
| 1.35DL         | (kN)     | 0.09    | 0.39    |
| 1.2DL + 1.5MLL | (kN)     | 0.08    | 0.35    |
| 0.9DL + 1WL    | (kN)     | -0.04   | -0.17   |
| Tie Down       | Required | 1 MGrip | 1 MGrip |
| Bearing        |          |         |         |

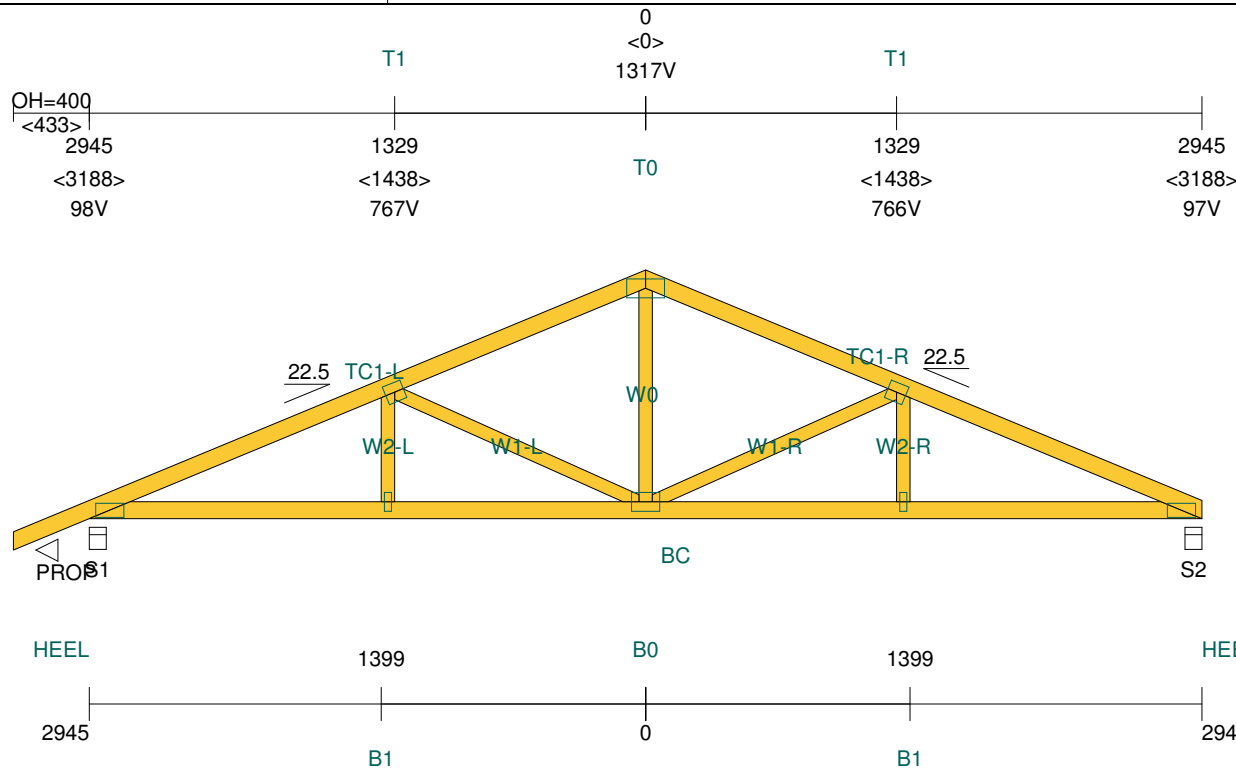
(Note: Tie down capacity based on JD5. Bearing capacity based on timber properties of the member onto support, and SD7 for support.)

Weight of timber & plate (excl. brackets): **10.6kg**

|                      |   |   |  |                           |
|----------------------|---|---|--|---------------------------|
| Span: <b>6640</b>    | Roofing: <b>Metal Sheet@7kg/m²</b>              | Wind / Ext / Int: <b>N1 / 0.6 / 0.2</b> | All dimensions in millimetres. This drawing should be read in conjunction with Multinail Technical sheets. | Version: <b>1.9.4</b>     |
| Pitch: <b>22.50</b>  | TC Fix/Rest: <b>Metal @ 1200c/1200c</b>         | Fascia Type: <b>Non-structural</b>      |  | User: <b>(TN-016-020)</b> |
| Overhang: <b>0/0</b> | Ceiling: <b>Plaster 10mm Supa Span@7.2kg/m²</b> | Ground Snow Load:                       |  | Date: <b>15/02/2019</b>   |
| Spacing: <b>1200</b> | BC Fix/Rest: <b>Direct fix @ 600c/600c</b>      | Structure: <b>House</b>                 |                       | Page: <b>24</b>           |



|  |   |                                  |
|--|---|----------------------------------|
| Client: <b>DEDICATED DEVELOPMENT PTY LTD</b>             | <b>Trusstech SA Pty Ltd</b>   | Job No: <b>TT02399</b>           |
| Site: <b>638 BURBRIDGE RD<br/>WEST BEACH SA 5024 AUS</b> | ABN: 401 318 22 140 16 High Street Dry Creek SA 5094 Ph: 08 8260 6006 | Truss: <b>Layout created T14</b> |
| Ref: <b>DWELLING 3</b>                                   |   | Type: <b>Standard</b>            |
|  |   | Quantity: <b>2</b>               |



#### TIMBER:

| Member | Size & Grade       | Def | Jnt | Grp | Rest |
|--------|--------------------|-----|-----|-----|------|
| TC1-L  | 90x35-MGP10 H0 ADS |     | JD5 |     | 1200 |
| TC1-R  | 90x35-MGP10 H0 ADS | 1   | JD5 |     | 1200 |
| BC     | 90x35-MGP10 H0 ADS | 1   | JD5 |     | 600  |
| W0     | 70x35-MGP10 H0 ADS |     | JD5 |     |      |
| W1     | 70x35-MGP10 H0 ADS |     | JD5 |     |      |
| W2     | 70x35-MGP10 H0 ADS |     | JD5 |     |      |

#### PLATES:

| Joint | Size & Grade | Camber | X  | Y  | Rtn |
|-------|--------------|--------|----|----|-----|
| HEEL  | 75x150-MN    |        | =  | =  | 0   |
| T0    | 100x200-MN   |        | =  | =  | 0   |
| T1    | 100x100-MN   |        | 50 | 50 | 0   |
| B0    | 100x150-MN   | 1      | =  | 50 | 0   |
| B1    | 38x100-MN    | 1      | =  | =  | 0   |

Maximum transport dimensions (mm) Width: 6290 & Height: 1483

Scale 1:40

#### Vertical Reactions at Supports

| Support        | (No.)          | S1      | S2      |
|----------------|----------------|---------|---------|
| 1.35DL         | (kN)           | 0.99    | 0.87    |
| 1.2DL + 1.5MLL | (kN)           | 2.40    | 2.08    |
| 0.9DL + 1WL    | (kN)           | -1.38   | -1.16   |
| Tie Down       | Required       | 1 MGrip | 1 MGrip |
| Bearing        | Member/Support | Ok/Ok   | Ok/Ok   |

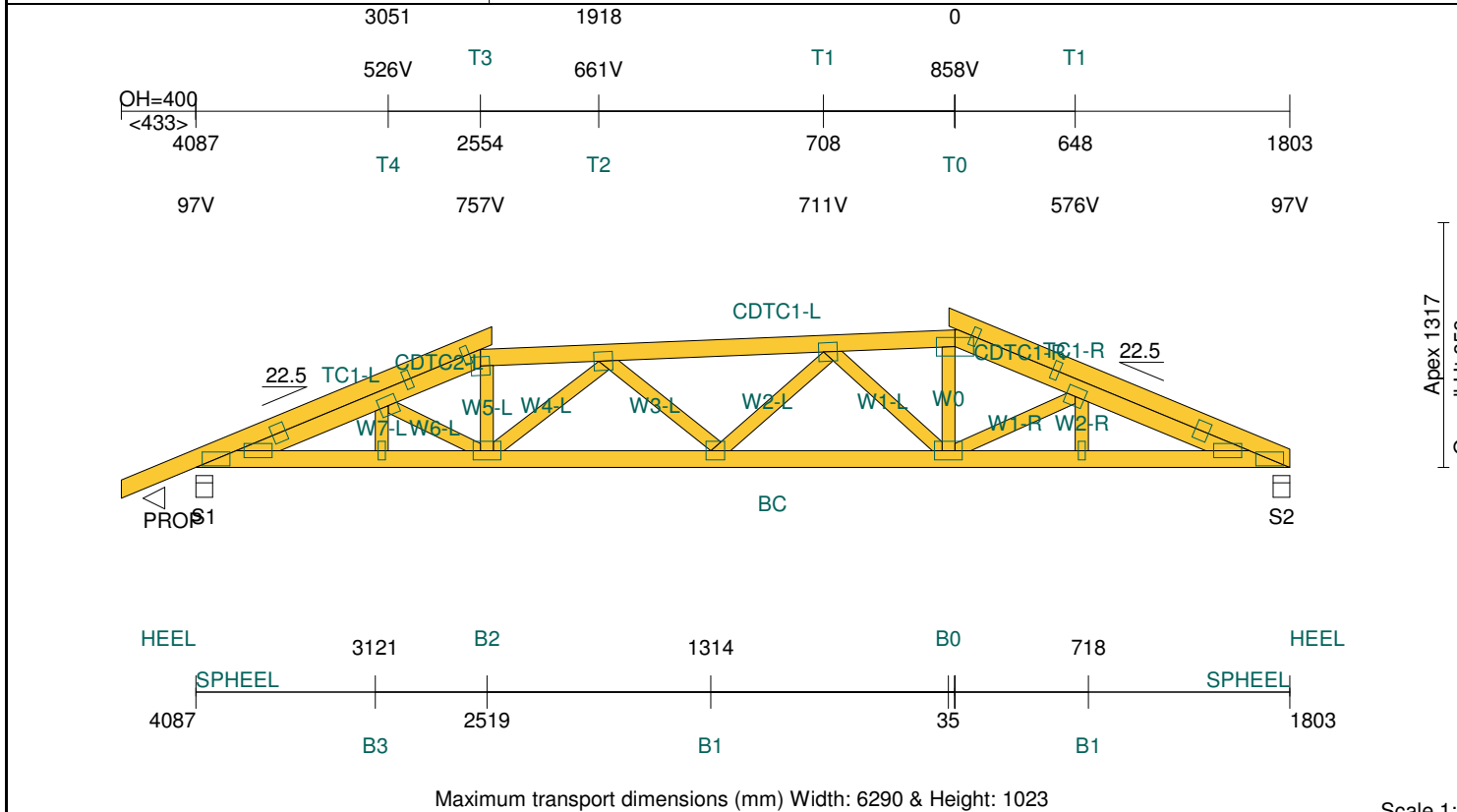
(Note: Tie down capacity based on JD5. Bearing capacity based on timber properties of the member onto support, and SD7 for support.)

Weight of timber & plate (excl. brackets): **27.6kg**

|                           |  |   |  |                           |
|---------------------------|--|---|--|---------------------------|
| Span: <b>5890</b>         | Roofing: <b>Metal Sheet@7kg/m<sup>2</sup></b>              | Wind / Ext / Int: <b>N1 / 0.6 / 0.2</b> | All dimensions in millimetres. This drawing should be read in conjunction with Multinail Technical sheets. | Version: <b>1.9.4</b>     |
| Pitch: <b>22.50/22.50</b> | TC Fix/Rest: <b>Metal @ 1200c/1200c</b>                    | Fascia Type: <b>Non-structural</b>      |  | User: <b>(TN-016-020)</b> |
| Overhang: <b>400/0</b>    | Ceiling: <b>Plaster 10mm Supa Span@7.2kg/m<sup>2</sup></b> | Ground Snow Load:                       |  | Date: <b>15/02/2019</b>   |
| Spacing: <b>1200</b>      | BC Fix/Rest: <b>Direct fix @ 600c/600c</b>                 | Structure: <b>House</b>                 |  | Page: <b>25</b>           |



|  |   |                                  |
|--|---|----------------------------------|
| Client: <b>DEDICATED DEVELOPMENT PTY LTD</b>             | <b>Trusstech SA Pty Ltd</b>   | Job No: <b>TT02399</b>           |
| Site: <b>638 BURBRIDGE RD<br/>WEST BEACH SA 5024 AUS</b> | ABN: 401 318 22 140 16 High Street Dry Creek SA 5094 Ph: 08 8260 6006 | Truss: <b>Layout created T15</b> |
| Ref: <b>DWELLING 3</b>                                   |   | Type: <b>Fan Girder2053</b>      |
|  |   | Quantity: <b>1</b>               |



| TIMBER: |              |     |     |          |
|---------|--------------|-----|-----|----------|
| Member  | Size & Grade | Def | Jnt | Grp Rest |
| TC1-L   | 90x35-MGP10  | H0  | ADS | JD5 1200 |
| TC1-R   | 90x35-MGP10  | H0  | ADS | JD5 1200 |
| BC      | 90x35-MGP10  | H0  | ADS | JD5 600  |
| CDTC1-L | 90x35-MGP10  | H0  | ADS | JD5 1200 |
| CDTC1-R | 90x35-MGP10  | H0  | ADS | JD5 1200 |
| CDTC2-L | 90x35-MGP10  | H0  | ADS | JD5 1200 |
| W0      | 70x35-MGP10  | H0  | ADS | JD5      |
| W1-L    | 70x35-MGP10  | H0  | ADS | JD5      |
| W1-R    | 70x35-MGP10  | H0  | ADS | JD5      |
| W2-L    | 70x35-MGP10  | H0  | ADS | JD5      |
| W2-R    | 70x35-MGP10  | H0  | ADS | JD5      |
| W3-L    | 70x35-MGP10  | H0  | ADS | JD5      |
| W4-L    | 70x35-MGP10  | H0  | ADS | JD5      |
| W5-L    | 70x35-MGP10  | H0  | ADS | JD5      |
| W6-L    | 70x35-MGP10  | H0  | ADS | JD5      |
| W7-L    | 70x35-MGP10  | H0  | ADS | JD5      |

| PLATES: |              |        |             |      |
|---------|--------------|--------|-------------|------|
| Joint   | Size & Grade | Camber | X / Y / Rtn |      |
| HEEL    | 75x150-MN    | =      | =           | 0    |
| SPHEEL  | 75x150-MN    | =      | =           | 0    |
| CLEATS1 | 75x100-MN    | =      | 38          | 0    |
| STRAP   | 38x100-MN    | =      | =           | 0    |
| T0      | 100x200-MN   | =      | =           | 0    |
| T1-L    | 100x100-MN   |        | 75          | 50 0 |
| T1-R    | 100x100-MN   |        | 50          | 50 0 |
| T2-L    | 100x100-MN   |        | 75          | 50 0 |
| T3-L    | 100x100-MN   |        | =           | 50 2 |
| T4-L    | 100x100-MN   |        | 50          | 50 0 |
| B0      | 100x150-MN   | 3      | =           | 50 0 |
| B1-L    | 100x100-MN   | 3      | 25          | 50 0 |
| B1-R    | 38x100-MN    | 2      | =           | = 0  |
| B2-L    | 100x150-MN   | 2      | =           | 50 0 |
| B3-L    | 38x100-MN    | 2      | =           | = 0  |

| Vertical Reactions at Supports |                |         |         |
|--------------------------------|----------------|---------|---------|
| Support                        | (No.)          | S1      | S2      |
| 1.35DL                         | (kN)           | 1.56    | 1.45    |
| 1.2DL + 1.5MLL                 | (kN)           | 3.74    | 3.45    |
| 0.9DL + 1WL                    | (kN)           | -2.08   | -1.89   |
| Tie Down                       | Required       | 1 MGrip | 1 MGrip |
| Bearing                        | Member/Support | Ok/Ok   | Ok/Ok   |

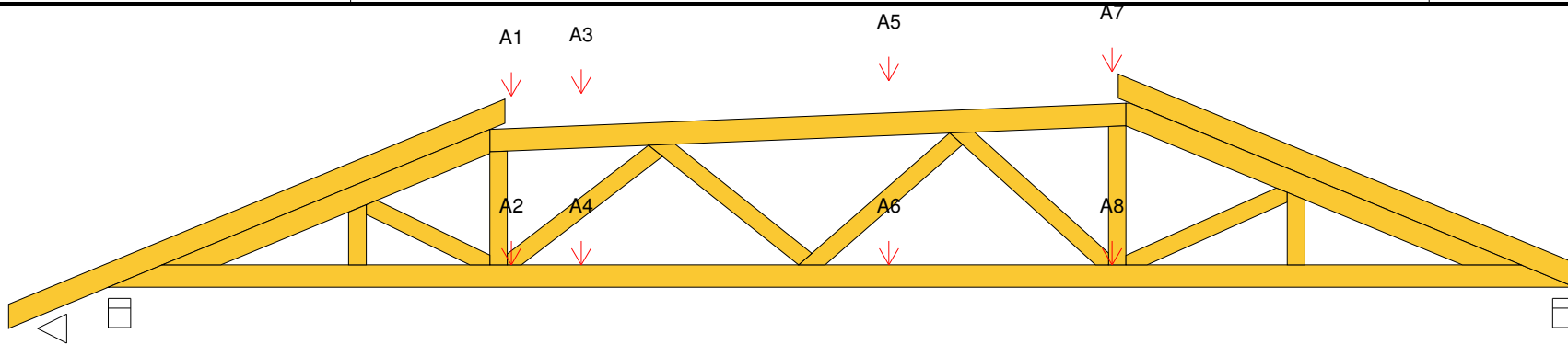
(Note: Tie down capacity based on JD5. Bearing capacity based on timber properties of the member onto support, and SD7 for support.)

Weight of timber & plate (excl. brackets): **35.0kg**

|                           |   |   |  |                           |
|---------------------------|---|---|--|---------------------------|
| Span: <b>5890</b>         | Roofing: <b>Metal Sheet@7kg/m²</b>              | Wind / Ext / Int: <b>N1 / 0.6 / 0.2</b> | All dimensions in millimetres. This drawing should be read in conjunction with Multinail Technical sheets. | Version: <b>1.9.4</b>     |
| Pitch: <b>22.50/22.50</b> | TC Fix/Rest: <b>Metal @ 1200c/1200c</b>         | Fascia Type: <b>Non-structural</b>      |  | User: <b>(TN-016-020)</b> |
| Overhang: <b>400/0</b>    | Ceiling: <b>Plaster 10mm Supa Span@7.2kg/m²</b> | Ground Snow Load:                       |  | Date: <b>15/02/2019</b>   |
| Spacing: <b>1200</b>      | BC Fix/Rest: <b>Direct fix @ 600c/600c</b>      | Structure: <b>House</b>                 |  | Page: <b>26</b>           |



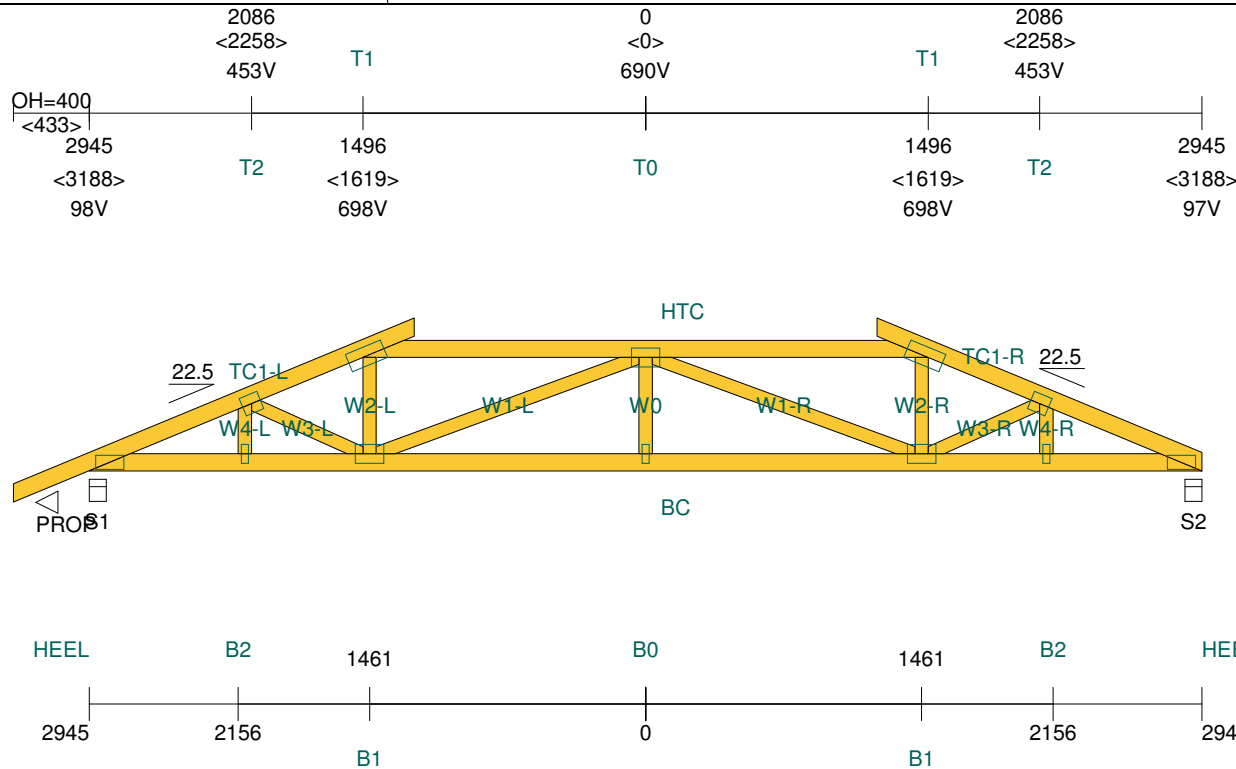
|  |  |                                  |
|--|--|----------------------------------|
| Client: <b>DEDICATED DEVELOPMENT PTY LTD</b>                   | <b>Trusstech SA Pty Ltd</b><br><br>ABN: 401 318 22 140 16 High Street Dry Creek SA 5094 Ph: 08 8260 6006 | Job No: <b>TT02399</b>           |
| Site: <b>638 BURBRIDGE RD</b><br><b>WEST BEACH SA 5024 AUS</b> |  | Truss: <b>Layout created T15</b> |
| Ref: <b>DWELLING 3</b>   |  | Type: <b>Fan Girder2053</b>      |
|  |  | Quantity: <b>1</b>               |



LOADS ON TRUSS: A=Auto loads by system; S=Service loads; Uc=User defined concentrated loads; Ud=User defined distributed loads  
Note: -ve signed loads act downwards, +ve signed loads act upwards

| Indicator | A1 (kN) | A2 (kN) | A3 (kN) | A4 (kN) | A5 (kN) | A6 (kN) | A7 (kN) | A8 (kN) |
|-----------|---------|---------|---------|---------|---------|---------|---------|---------|
| DL        | -0.119  | -0.056  | -0.080  | -0.045  | -0.099  | -0.053  | -0.182  | -0.212  |
| LL        | -0.196  | -0.036  | -0.155  | -0.010  | -0.195  | -0.007  | -0.393  | -0.132  |
| WL        | 0.372   | 0.084   | 0.264   | 0.063   | 0.339   | 0.058   | 0.680   | 0.353   |
| Desc      | HT2     | HT2     | J22     | J22     | J25     | J25     | HT1     | HT1     |

|  |   |                                  |
|--|---|----------------------------------|
| Client: <b>DEDICATED DEVELOPMENT PTY LTD</b>             | <b>Trusstech SA Pty Ltd</b>   | Job No: <b>TT02399</b>           |
| Site: <b>638 BURBRIDGE RD<br/>WEST BEACH SA 5024 AUS</b> | ABN: 401 318 22 140 16 High Street Dry Creek SA 5094 Ph: 08 8260 6006 | Truss: <b>Layout created T16</b> |
| Ref: <b>DWELLING 3</b>                                   |   | Type: <b>TG1745</b>              |
|  |   | Quantity: <b>1</b>               |



#### TIMBER:

| Member | Size & Grade       | Def | Jnt | Grp | Rest |
|--------|--------------------|-----|-----|-----|------|
| TC1-L  | 90x35-MGP10 H0 ADS |     | JD5 |     | 1200 |
| TC1-R  | 90x35-MGP10 H0 ADS |     | JD5 |     | 1200 |
| BC     | 90x35-MGP10 H0 ADS |     | JD5 |     | 600  |
| HTC    | 90x35-MGP10 H0 ADS | 1   | JD5 |     | 1200 |
| W0     | 70x35-MGP10 H0 ADS |     | JD5 |     |      |
| W1     | 70x35-MGP10 H0 ADS |     | JD5 |     |      |
| W2     | 70x35-MGP10 H0 ADS |     | JD5 |     |      |
| W3     | 70x35-MGP10 H0 ADS |     | JD5 |     |      |
| W4     | 70x35-MGP10 H0 ADS |     | JD5 |     |      |

#### PLATES:

| Joint | Size & Grade | Camber | X   | Y  | Rtn |
|-------|--------------|--------|-----|----|-----|
| HEEL  | 75x150-MN    |        | =   | =  | 0   |
| T0    | 100x150-MN   |        | =   | 50 | 0   |
| T1    | 100x200-MN   |        | 120 | 50 | 23  |
| T2    | 100x100-MN   |        | 50  | 50 | 0   |
| B0    | 38x100-MN    | 3      | =   | =  | 0   |
| B1    | 100x150-MN   | 2      | =   | 50 | 0   |
| B2    | 38x100-MN    | 2      | =   | =  | 0   |

#### Vertical Reactions at Supports

| Support        | (No.)          | S1      | S2      |
|----------------|----------------|---------|---------|
| 1.35DL         | (kN)           | 1.47    | 1.32    |
| 1.2DL + 1.5MLL | (kN)           | 3.59    | 3.23    |
| 0.9DL + 1WL    | (kN)           | -2.02   | -1.81   |
| Tie Down       | Required       | 1 MGrip | 1 MGrip |
| Bearing        | Member/Support | Ok/Ok   | Ok/Ok   |

(Note: Tie down capacity based on JD5. Bearing capacity based on timber properties of the member onto support, and SD7 for support.)

[AS/NZS 1170-2002][AS 1720.1-2010]

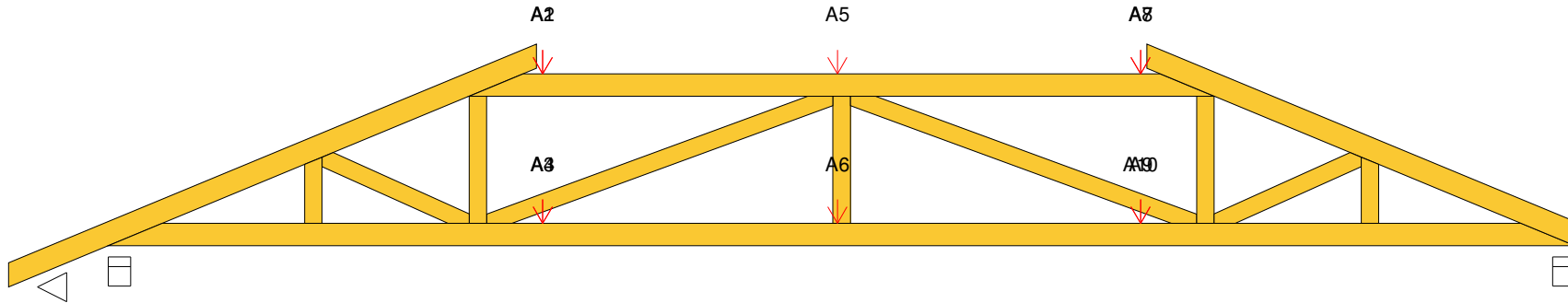
Scale 1:40

Weight of timber & plate (excl. brackets): **30.5kg**

|                           |  |   |  |                           |
|---------------------------|--|---|--|---------------------------|
| Span: <b>5890</b>         | Roofing: <b>Metal Sheet@7kg/m<sup>2</sup></b>              | Wind / Ext / Int: <b>N1 / 0.6 / 0.2</b> | All dimensions in millimetres. This drawing should be read in conjunction with Multinail Technical sheets. | Version: <b>1.9.4</b>     |
| Pitch: <b>22.50/22.50</b> | TC Fix/Rest: <b>Metal @ 1200c/1200c</b>                    | Fascia Type: <b>Non-structural</b>      |  | User: <b>(TN-016-020)</b> |
| Overhang: <b>400/0</b>    | Ceiling: <b>Plaster 10mm Supa Span@7.2kg/m<sup>2</sup></b> | Ground Snow Load:                       |  | Date: <b>15/02/2019</b>   |
| Spacing: <b>1200</b>      | BC Fix/Rest: <b>Direct fix @ 600c/600c</b>                 | Structure: <b>House</b>                 |  | Page: <b>28</b>           |



|  |  |                                  |
|--|--|----------------------------------|
| Client: <b>DEDICATED DEVELOPMENT PTY LTD</b>             | <b>Trusstech SA Pty Ltd</b><br><br>ABN: 401 318 22 140 16 High Street Dry Creek SA 5094 Ph: 08 8260 6006 | Job No: <b>TT02399</b>           |
| Site: <b>638 BURBRIDGE RD<br/>WEST BEACH SA 5024 AUS</b> |  | Truss: <b>Layout created T16</b> |
| Ref: <b>DWELLING 3</b>                                   |  | Type: <b>TG1745</b>              |
|  |  | Quantity: <b>1</b>               |



LOADS ON TRUSS: A=Auto loads by system; S=Service loads; Uc=User defined concentrated loads; Ud=User defined distributed loads  
Note: -ve signed loads act downwards, +ve signed loads act upwards

| Indicator | A1 (kN) | A2 (kN) | A3 (kN) | A4 (kN) | A5 (kN) | A6 (kN) | A7 (kN) | A8 (kN) | A9 (kN) | A10 (kN) |
|-----------|---------|---------|---------|---------|---------|---------|---------|---------|---------|----------|
| DL        | -0.094  | -0.055  | -0.071  | -0.045  | -0.120  | -0.045  | -0.094  | -0.055  | -0.071  | -0.045   |
| LL        | -0.170  | -0.122  | -0.049  | -0.010  | -0.210  | -0.009  | -0.170  | -0.122  | -0.049  | -0.010   |
| WL        | 0.328   | 0.197   | 0.104   | 0.064   | 0.378   | 0.053   | 0.328   | 0.197   | 0.104   | 0.064    |
| Desc      | HT3     | J26     | HT3     | J26     | J27     | J27     | HT3     | J26     | HT3     | J26      |