

Note: Refer to Truss Connections Report / Producer Statement for fixing details.

# TRUSS DETAILS (DESIGN)

Job Ref: 18RICHMAN

Truss Reference : TG1 (Single Truss)

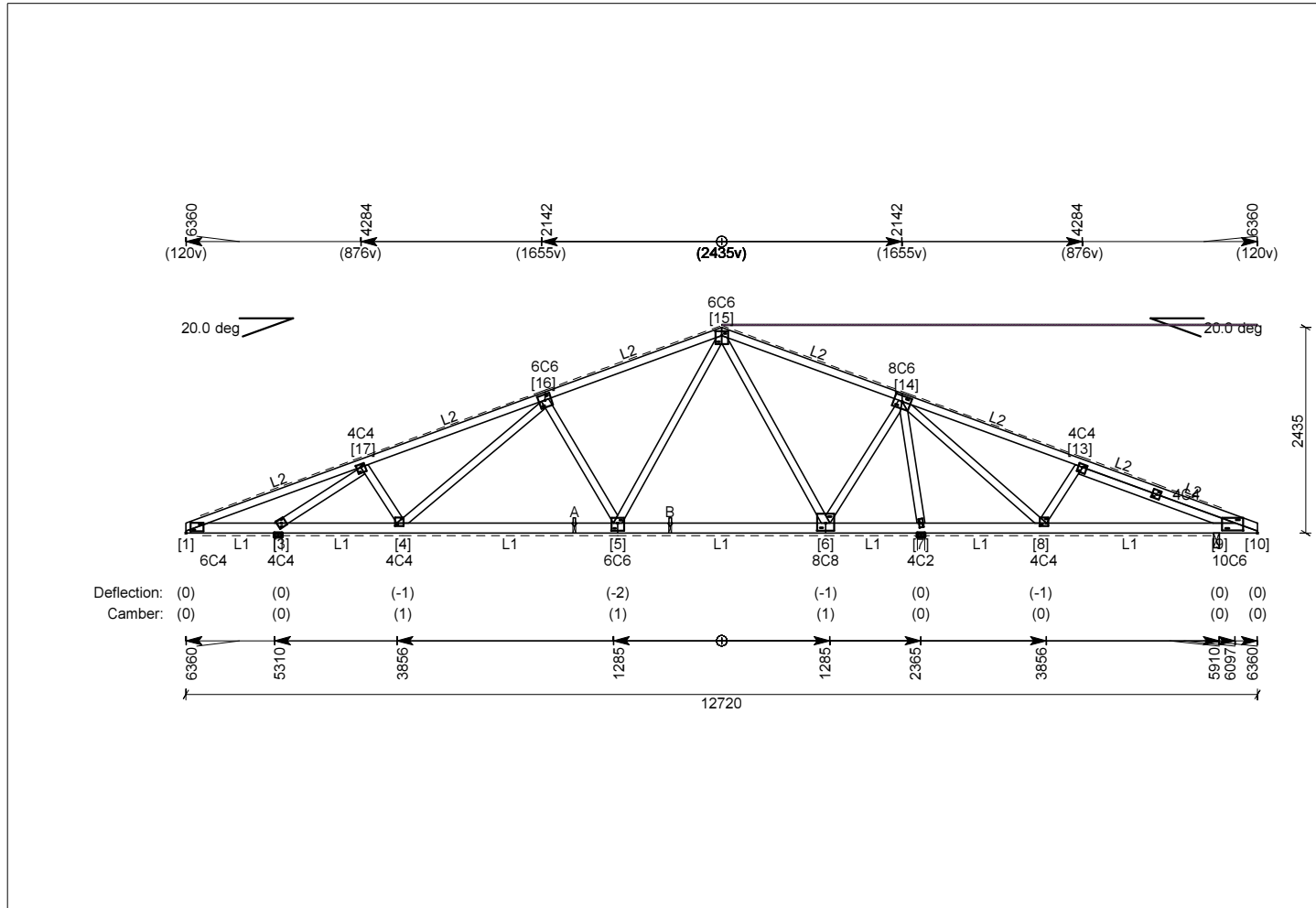
Date created: 02 Sep 2020  
Page No: 2

Truss type: Standard  
Building Standard : NCC-2019

No. plies : 1x45mm  
Design spacing : 1200mm  
Structural Category : 2 CPA: 62.53

No. of : 1

Building type: Residential



## Linings

L1: 10mm plasterboard (7.2 kg/sq.m).  
Direct (nail/screw restraint) @ 600mm.  
L2: Sheet steel (0.48mm) (5.6 kg/sq.m).  
Battens @ 1200mm.

## Timber

Top Chords 1 / 90x45 MGP12 uno  
Bottom Chords 1 / 120x45 MGP10 uno  
Webs 1 / 90x45 MGP10 uno

## Supported trusses / Applied point loads

A: PCG2 (4612) B: PCG1 (5748)  
Note: numbers in brackets denote distance from left of truss.

## Additional Loads

RLA1: 6360-12720 (6360 mm)G=15.0 kg/m2

## Notes

1. Deflection = permanent load deflection including creep (negative = downward movement).
2. Overhang condition: No fascia.
3. Refer to Pryda Installation Guide for full bracing details.
4. Refer to layout for overall truss bracing.
5. Truss close to gable end: NO

## Major supports and factored reactions

| Joint | Type     | Width | Perm.  | Max. down (LC)  | Uplift  | Tie-down                | Connector |
|-------|----------|-------|--------|-----------------|---------|-------------------------|-----------|
| 3     | Wall Int | 90    | 3.0 kN | 5.7 kN (Gc+Q2r) | -2.8 kN | 1/SB083/30              | -         |
| 9     | Beam Int | 70    | 1.2 kN | 2.4 kN (Gc+Qj)  | -0.2 kN | 2/65x2.8 dia Skew Nails | -         |
| 7     | Wall Ext | 90    | 4.9 kN | 8.3 kN (Gc+Q2r) | -2.8 kN | 1/SB083/30              | -         |

Note: Refer to Truss Connections Report / Producer Statement for fixing details.

# TRUSS DETAILS (DESIGN)

Job Ref: 18RICHMAN

Truss Reference : TG2 (Single Truss)

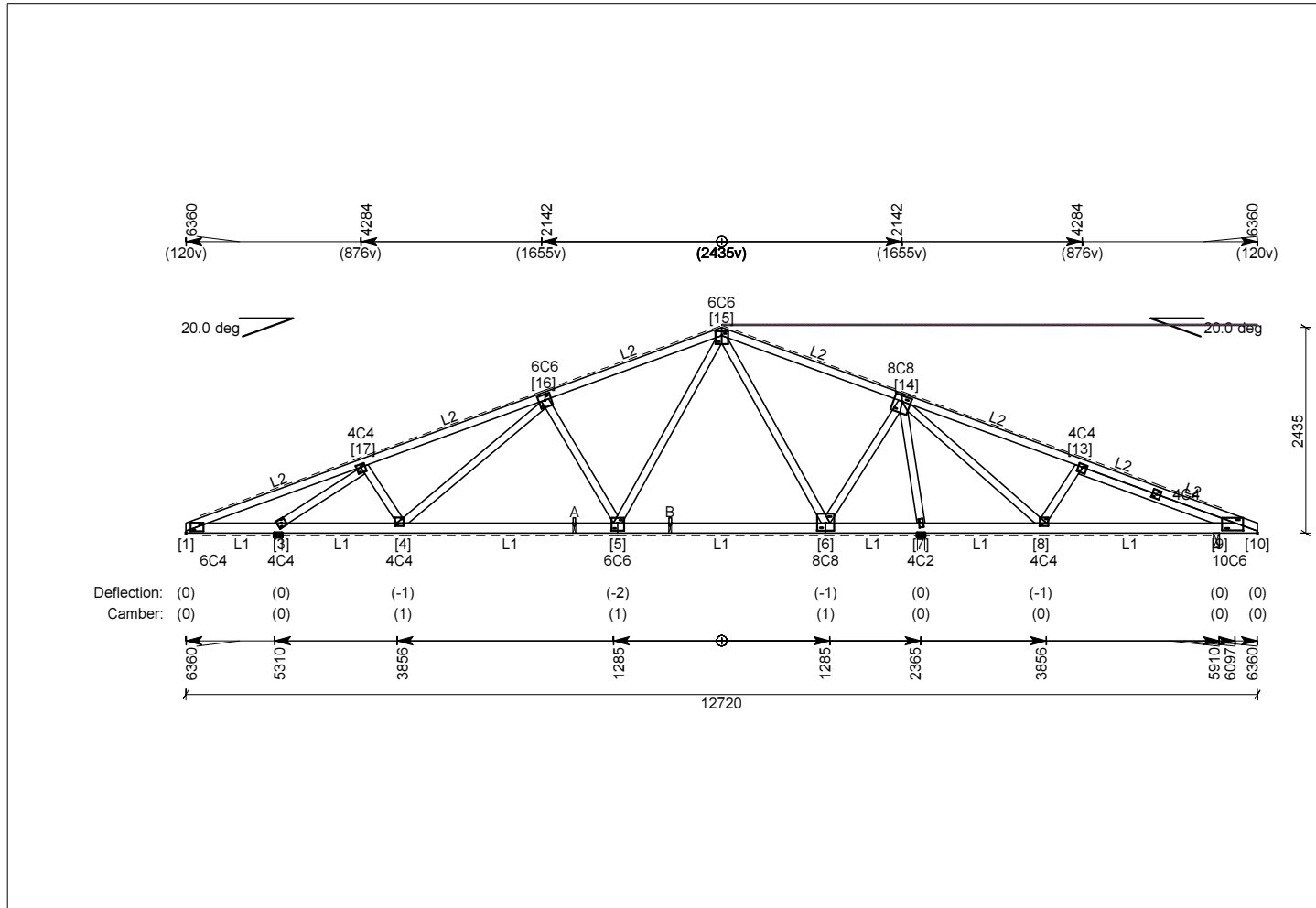
Date created: 02 Sep 2020  
Page No: 3

Truss type: Standard  
Building Standard : NCC-2019

No. plies : 1x45mm  
Design spacing : 1200mm  
Structural Category : 2 CPA: 57.67

No. of : 1

Building type: Residential



## Linings

L1: 10mm plasterboard (7.2 kg/sq.m).  
Direct (nail/screw restraint) @ 600mm.  
L2: Sheet steel (0.48mm) (5.6 kg/sq.m).  
Battens @ 1200mm.

## Timber

Top Chords 1 / 90x45 MGP12 uno  
Bottom Chords 1 / 120x45 MGP10 uno  
Webs 1 / 90x45 MGP10 uno

## Supported trusses / Applied point loads

A: PCG2 (4612) B: PCG1 (5748)  
Note: numbers in brackets denote distance from left of truss.

## Additional Loads

RLA1: 6360-12720 (6360 mm)G=15.0 kg/m2

## Notes

1. Deflection = permanent load deflection including creep (negative = downward movement).
2. Overhang condition: No fascia.
3. Refer to Pryda Installation Guide for full bracing details.
4. Refer to layout for overall truss bracing.
5. Truss close to gable end: NO

## Major supports and factored reactions

| Joint | Type     | Width | Perm.  | Max. down (LC)  | Uplift  | Tie-down                | Connector |
|-------|----------|-------|--------|-----------------|---------|-------------------------|-----------|
| 3     | Wall Int | 90    | 3.2 kN | 6.0 kN (Gc+Q2r) | -3.0 kN | 1/SB083/30              | -         |
| 9     | Beam Int | 70    | 1.2 kN | 2.4 kN (Gc+Qj)  | -0.2 kN | 2/65x2.8 dia Skew Nails | -         |
| 7     | Wall Ext | 90    | 5.2 kN | 8.7 kN (Gc+Q2r) | -3.1 kN | 1/SB083/30              | -         |

Note: Refer to Truss Connections Report / Producer Statement for fixing details.

# TRUSS DETAILS (DESIGN)

Job Ref: 18RICHMAN

Truss Reference : TS1 (Single Truss)

Date created: 02 Sep 2020  
Page No: 4

Truss type: Truncated Standard  
Building Standard : NCC-2019

No. plies : 1x35mm

Design spacing : 1171mm

No. of : 1

Building type: Residential

Station : 6087mm

Structural Category : 1 CPA: 38.88

## Linings

L1: 10mm plasterboard (7.2 kg/sq.m).  
Direct (nail/screw restraint) @ 600mm.  
L2: Sheet steel (0.48mm) (5.6 kg/sq.m).  
Battens @ 1200mm.  
L3: Jack truss loads.  
Restraints @ 1171mm (max).

## Timber

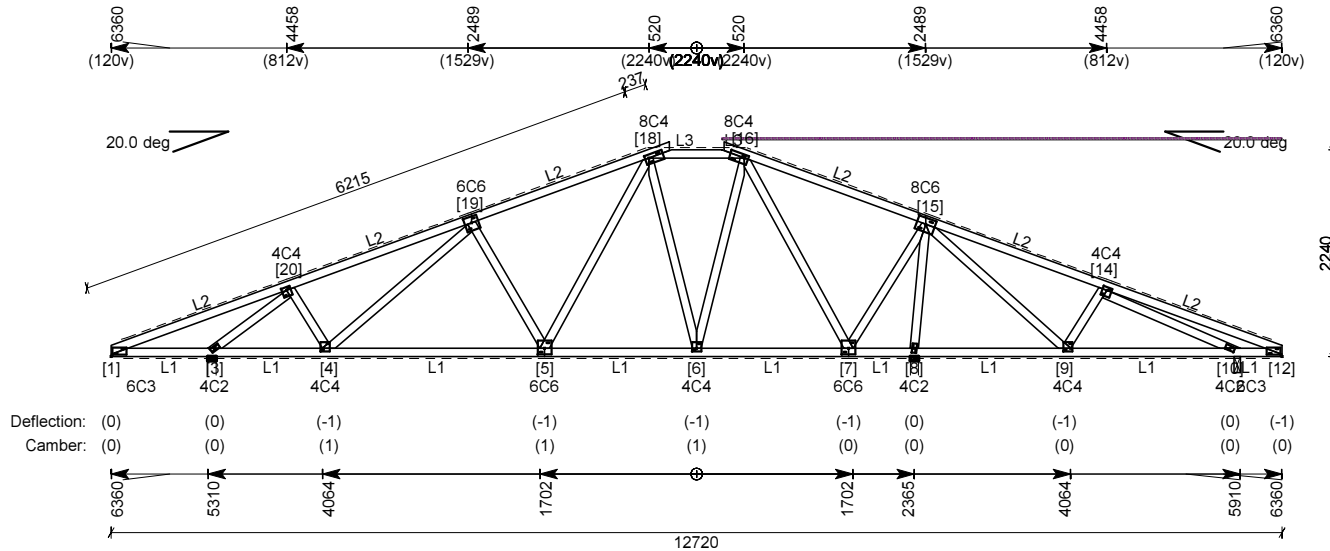
Top Chords 1 / 90x35 MGP10 uno  
Bottom Chords 1 / 90x35 MGP10 uno  
Webs 1 / 90x35 MGP10 uno

## Additional Loads

RLA1: 6633-12720 (6087 mm)G=15.0 kg/m2

## Notes

1. Deflection = permanent load deflection including creep (negative = downward movement).
2. Overhang condition: No fascia.
3. Refer to Pryda Installation Guide for full bracing details.
4. Refer to layout for overall truss bracing.
5. Truss close to gable end: NO



## Major supports and factored reactions

| Joint | Type     | Width | Perm.  | Max. down (LC)  | Uplift  | Tie-down                | Connector |
|-------|----------|-------|--------|-----------------|---------|-------------------------|-----------|
| 3     | Wall Int | 90    | 2.0 kN | 3.8 kN (Gc+Q2r) | -1.6 kN | 1/SB083/30              | -         |
| 10    | Beam Int | 70    | 1.1 kN | 2.5 kN (Gc+Qj)  | -0.3 kN | 2/65x2.8 dia Skew Nails | -         |
| 8     | Wall Ext | 90    | 3.6 kN | 5.9 kN (Gc+Q2r) | -1.5 kN | 1/SB083/30              | -         |

Note: Refer to Truss Connections Report / Producer Statement for fixing details.

# TRUSS DETAILS (DESIGN)

Job Ref: 18RICHMAN

Truss Reference : TS3 (Single Truss)

Date created: 02 Sep 2020  
Page No: 5

Truss type: Truncated Standard

No. plies : 1x35mm

Design spacing : 1203mm

No. of : 1

Building type: Residential

Station : 5142mm

Building Standard : NCC-2019

Structural Category : 2 CPA: 37.84

## Linings

L1: 10mm plasterboard (7.2 kg/sq.m).  
Direct (nail/screw restraint) @ 600mm.  
L2: Sheet steel (0.48mm) (5.6 kg/sq.m).  
Battens @ 1200mm.  
L3: Jack truss loads.  
Restraints @ 1203mm (max).

## Timber

Top Chords 1 / 90x35 MGP10 uno  
Bottom Chords 1 / 90x35 MGP10 uno  
Webs 1 / 90x35 MGP10 uno

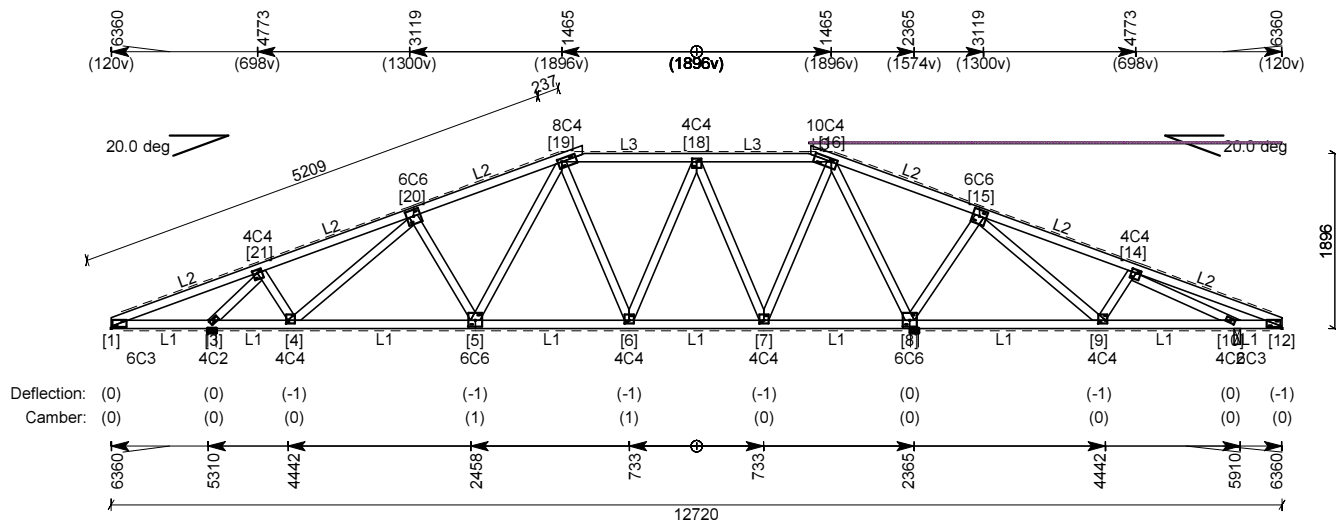
WB10 (8-16) 1 / 90x35 MGP12

## Additional Loads

RLA1: 7577-12720 (5143 mm)G=15.0 kg/m2

## Notes

1. Deflection = permanent load deflection including creep (negative = downward movement).
2. Overhang condition: No fascia.
3. Refer to Pryda Installation Guide for full bracing details.
4. Refer to layout for overall truss bracing.
5. Truss close to gable end: NO



## Major supports and factored reactions

| Joint | Type     | Width | Perm.  | Max. down (LC)  | Uplift  | Tie-down                | Connector |
|-------|----------|-------|--------|-----------------|---------|-------------------------|-----------|
| 3     | Wall Int | 90    | 1.9 kN | 3.7 kN (Gc+Q2r) | -1.6 kN | 1/SB083/30              | -         |
| 8     | Wall Ext | 90    | 3.7 kN | 6.3 kN (Gc+Q2r) | -1.7 kN | 1/SB083/30              | -         |
| 10    | Beam Int | 70    | 1.0 kN | 2.4 kN (Gc+Qj)  | -0.3 kN | 2/65x2.8 dia Skew Nails | -         |

Note: Refer to Truss Connections Report / Producer Statement for fixing details.

# TRUSS DETAILS (DESIGN)

Job Ref: 18RICHMAN

Truss Reference : TS2 (Single Truss)

Date created: 02 Sep 2020  
Page No: 6

Truss type: Truncated Standard

No. plies : 1x35mm

Design spacing : 1200mm

No. of : 1

Building type: Residential

Station : 3943mm

Building Standard : NCC-2019

Structural Category : 1 CPA: 36.07

## Linings

L1: 10mm plasterboard (7.2 kg/sq.m).  
Direct (nail/screw restraint) @ 600mm.  
L2: Sheet steel (0.48mm) (5.6 kg/sq.m).  
Battens @ 1200mm.

## Timber

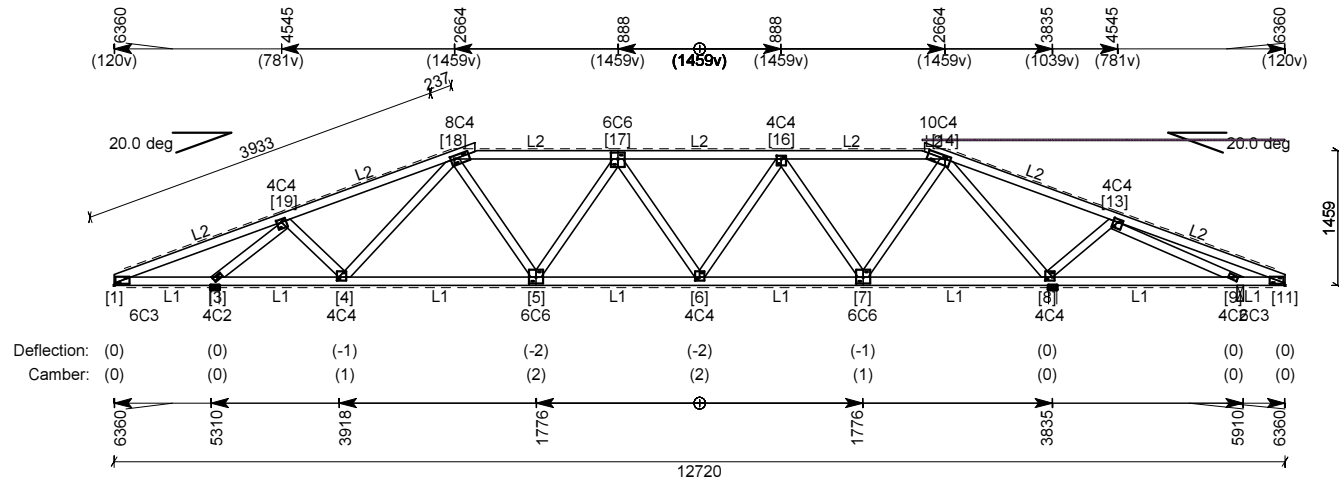
Top Chords 1 / 90x35 MGP10 uno  
Bottom Chords 1 / 90x35 MGP10 uno  
Webs 1 / 90x35 MGP10 uno

## Additional Loads

RLA1: 8777-12720 (3943 mm)G=15.0 kg/m2

## Notes

1. Deflection = permanent load deflection including creep (negative = downward movement).
2. Overhang condition: No fascia.
3. Refer to Pryda Installation Guide for full bracing details.
4. Refer to layout for overall truss bracing.
5. Truss close to gable end: NO



## Major supports and factored reactions

| Joint | Type     | Width | Perm.  | Max. down (LC)  | Uplift  | Tie-down                | Connector |
|-------|----------|-------|--------|-----------------|---------|-------------------------|-----------|
| 3     | Wall Int | 90    | 2.2 kN | 4.4 kN (Gc+Q2r) | -1.9 kN | 1/SB083/30              | -         |
| 8     | Wall Ext | 90    | 3.5 kN | 6.2 kN (Gc+Q2r) | -1.8 kN | 1/SB083/30              | -         |
| 9     | Beam Int | 70    | 0.5 kN | 1.7 kN (Gc+Qj)  | -0.1 kN | 2/65x2.8 dia Skew Nails | -         |

Note: Refer to Truss Connections Report / Producer Statement for fixing details.

# TRUSS DETAILS (DESIGN)

Job Ref: 18RICHMAN

Truss Reference : TS5 (Single Truss)

Date created: 02 Sep 2020  
Page No: 7

Truss type: Truncated Standard

No. plies : 1x35mm

Design spacing : 1200mm

No. of : 1

Building type: Residential

Station : 3687mm

Building Standard : NCC-2019

Structural Category : 1 CPA: 33.07

## Linings

L1: 10mm plasterboard (7.2 kg/sq.m).  
Direct (nail/screw restraint) @ 600mm.  
L2: Sheet steel (0.48mm) (5.6 kg/sq.m).  
Battens @ 1200mm.

## Timber

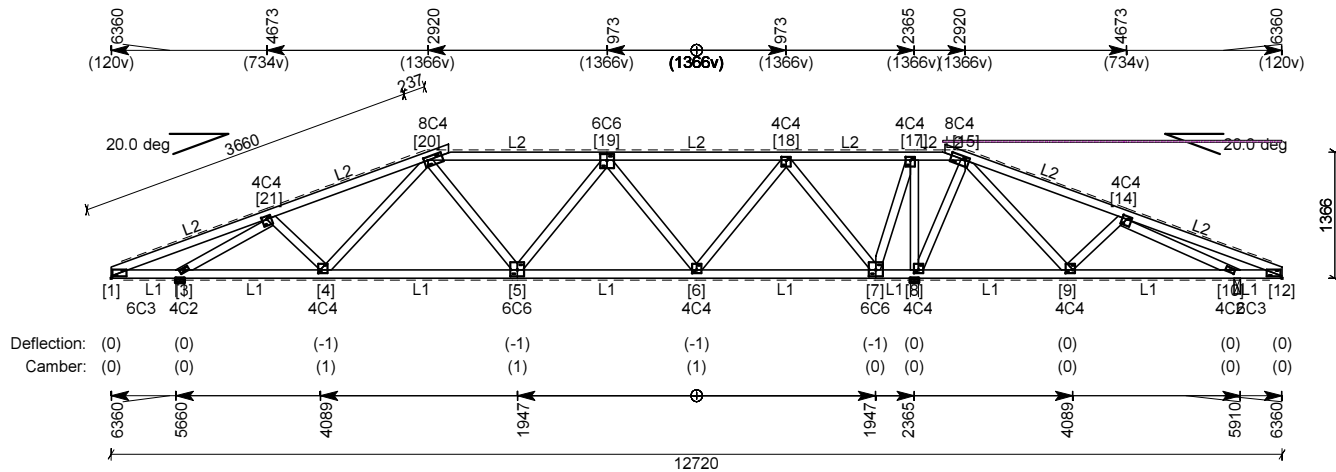
Top Chords 1 / 90x35 MGP10 uno  
Bottom Chords 1 / 90x35 MGP10 uno  
Webs 1 / 90x35 MGP10 uno

## Additional Loads

RLA1: 9033-12720 (3687 mm)G=15.0 kg/m2

## Notes

1. Deflection = permanent load deflection including creep (negative = downward movement).
2. Overhang condition: No fascia.
3. Refer to Pryda Installation Guide for full bracing details.
4. Refer to layout for overall truss bracing.
5. Truss close to gable end: NO



## Major supports and factored reactions

| Joint | Type     | Width | Perm.  | Max. down (LC)  | Uplift  | Tie-down                | Connector |
|-------|----------|-------|--------|-----------------|---------|-------------------------|-----------|
| 3     | Wall Int | 90    | 1.7 kN | 3.4 kN (Gc+Q2r) | -1.6 kN | 1/SB083/30              | -         |
| 10    | Beam Int | 70    | 0.9 kN | 2.3 kN (Gc+Qj)  | -0.3 kN | 2/65x2.8 dia Skew Nails | -         |
| 8     | Wall Ext | 90    | 3.6 kN | 6.5 kN (Gc+Q2r) | -2.1 kN | 1/SB083/30              | -         |

Note: Refer to Truss Connections Report / Producer Statement for fixing details.

# TRUSS DETAILS (DESIGN)

Job Ref: 18RICHMAN

Truss Reference : TG4 (Single Truss)

Date created: 02 Sep 2020  
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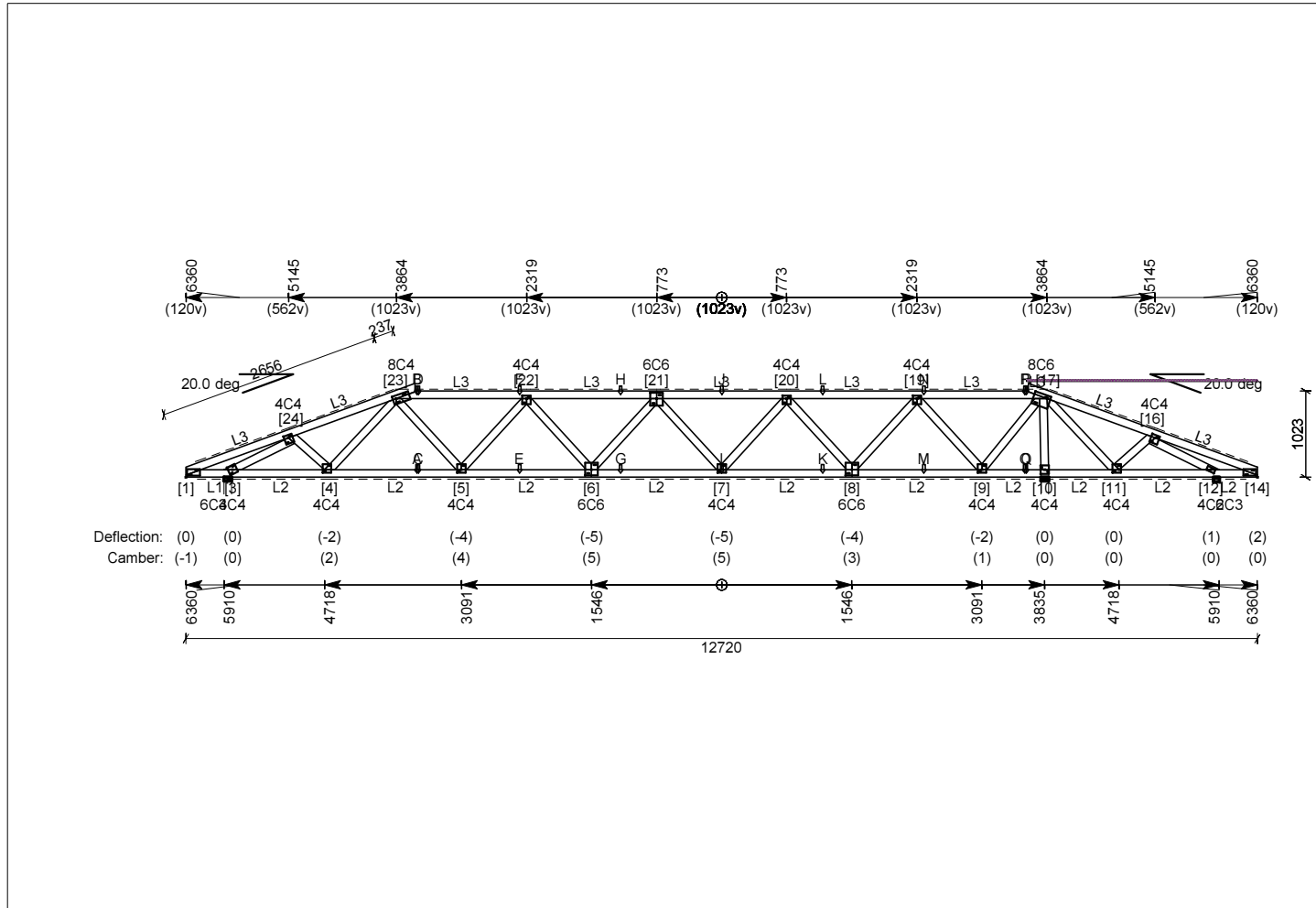
Truss type: Truncated Girder  
Building Standard : NCC-2019

No. plies : 1x45mm  
Design spacing : 1200mm  
Structural Category : 2 CPA: 65.65

No. of : 1

Building type: Residential

Station : 2743mm



## Linings

L1: Fibrecement (4.5mm) (7.7 kg/sq.m).  
Battens @ 600mm.  
L2: 10mm plasterboard (7.2 kg/sq.m).  
Direct (nail/screw restraint) @ 600mm.  
L3: Sheet steel (0.48mm) (5.6 kg/sq.m).  
Battens @ 1200mm.

## Timber

Top Chords 1 / 90x45 MGP10 uno  
Bottom Chords 1 / 90x45 MGP10 uno  
Webs 1 / 90x45 MGP10 uno

## Supported trusses / Applied point loads

A: H3 (2743) B: H3 (2743)  
C: J6 (2760) D: J6 (2760)  
E: J7 (3960) F: J7 (3960)  
G: J8 (5160) H: J8 (5160)  
I: J9 (6360) J: J9 (6360)  
K: J8 (7559) L: J8 (7559)  
M: J7 (8759) N: J7 (8759)  
O: J6 (9959) P: J6 (9959)  
Q: H4 (9977) R: H4 (9977)  
Note: numbers in brackets denote distance from left of truss.

## Additional Loads

RLA1: 9977-12720 (2743 mm)G=15.0 kg/m2

## Notes

1. Deflection = permanent load deflection including creep (negative = downward movement).
2. Overhang condition: No fascia.
3. Refer to Pryda Installation Guide for full bracing details.
4. Refer to layout for overall truss bracing.
5. Truss close to gable end: NO

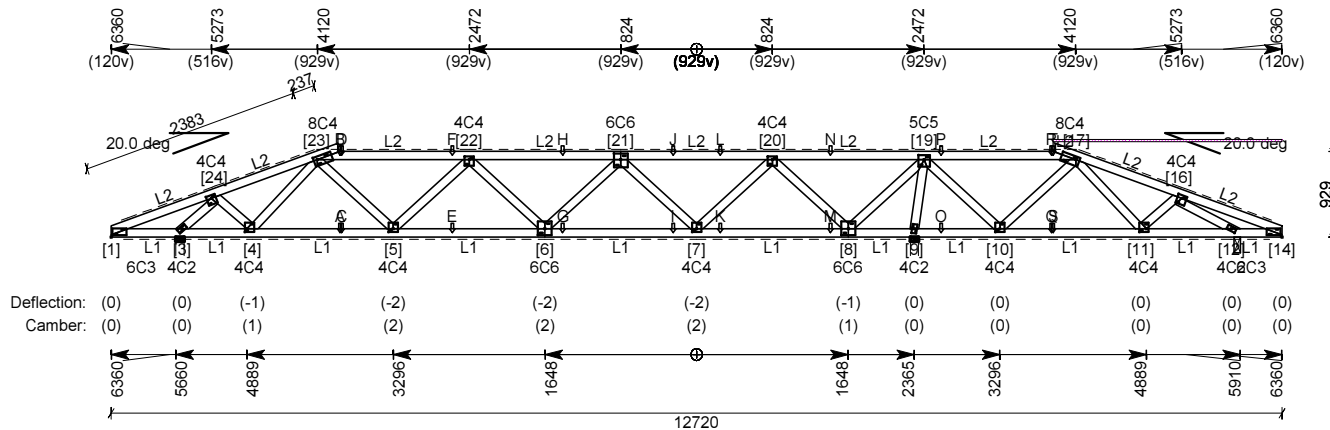
## Major supports and factored reactions

| Joint | Type              | Width | Perm.   | Max. down (LC)  | Uplift    | Tie-down   | Connector |
|-------|-------------------|-------|---------|-----------------|-----------|------------|-----------|
| 3     | Wall Ext          | 90    | 3.0 kN  | 5.6 kN (Gc+Q2r) | -2.3 kN   | 1/SB083/30 | -         |
| 12    | Non Load bearir70 |       | -0.0 kN | 0.0 kN ()       | No uplift | -          | -         |
| 10    | Wall Ext          | 90    | 5.2 kN  | 8.9 kN (Gc+Q2r) | -3.1 kN   | 1/SB083/30 | -         |

Note: Refer to Truss Connections Report / Producer Statement for fixing details.

Station : 2487mm

Structural Category : 2 CPA: 73.15



## Linings

L1: 10mm plasterboard (7.2 kg/sq.m).  
Direct (nail/screw restraint) @ 600mm.  
L2: Sheet steel (0.48mm) (5.6 kg/sq.m).  
Battens @ 1200mm.

## Timber

|               |                     |
|---------------|---------------------|
| Top Chords    | 1 / 90x35 MGP10 uno |
| Bottom Chords | 1 / 90x35 MGP12 uno |
| Webs          | 1 / 90x35 MGP10 uno |

TC2 (17-23) 1 / 90x35 MGP12

### Supported trusses / Applied point loads

|               |               |
|---------------|---------------|
| A: H2 (2487)  | B: H2 (2487)  |
| C: J1 (2505)  | D: J1 (2505)  |
| E: J4 (3705)  | F: J4 (3705)  |
| G: J3 (4905)  | H: J3 (4905)  |
| I: J2 (6105)  | J: J2 (6105)  |
| K: J2 (6615)  | L: J2 (6615)  |
| M: J3 (7815)  | N: J3 (7815)  |
| O: J5 (9015)  | P: J5 (9015)  |
| Q: J1 (10215) | R: J1 (10215) |
| S: H1 (10233) | T: H1 (10233) |

Note: numbers in brackets denote distance from left of truss.

### Additional Loads

RLA1: 10233-12720 (2487 mm<sup>2</sup>)=15.0 kg/m<sup>2</sup>

## Notes

1. Deflection – permanent load deflection including creep (negative = downward movement).
2. Overhang condition: No fascia.
3. Refer to Pryda Installation Guide for full bracing details.
4. Refer to layout for overall truss bracing.
5. Truss close to gable end: NO

### Major supports and factored reactions

| Joint | Type     | Width | Perm.  | Max. down (LC)  | Uplift    | Tie-down                | Connector |
|-------|----------|-------|--------|-----------------|-----------|-------------------------|-----------|
| 3     | Wall Int | 90    | 2.0 kN | 4.0 kN (Gc+Q2r) | -1.8 kN   | 1/SB083/30              | -         |
| 12    | Beam Int | 70    | 0.9 kN | 2.5 kN (Gc+Qj)  | No uplift | 2/65x2.8 dia Skew Nails | -         |
| 9     | Wall Ext | 90    | 4.5 kN | 8.3 kN (Gc+Q2r) | -3.8 kN   | 1/SB083/30              | -         |

Note: Refer to Truss Connections Report / Producer Statement for fixing details.

# TRUSS DETAILS (DESIGN)

Job Ref: 18RICHMAN

Truss Reference : TS4 (Single Truss)

Date created: 02 Sep 2020  
Page No: 10

Truss type: Truncated Standard

No. plies : 1x35mm

Design spacing : 1200mm

No. of : 1

Building type: Residential

Station : 3792mm

Building Standard : NCC-2019

Structural Category : 1 CPA: 37.40

## Linings

L1: 10mm plasterboard (7.2 kg/sq.m).  
Direct (nail/screw restraint) @ 600mm.  
L2: Sheet steel (0.48mm) (5.6 kg/sq.m).  
Battens @ 1200mm.  
L3: Fibrecement (4.5mm) (7.7 kg/sq.m).  
Battens @ 600mm.

## Timber

Top Chords 1 / 90x35 MGP10 uno  
Bottom Chords 1 / 90x35 MGP10 uno  
Webs 1 / 90x35 MGP10 uno

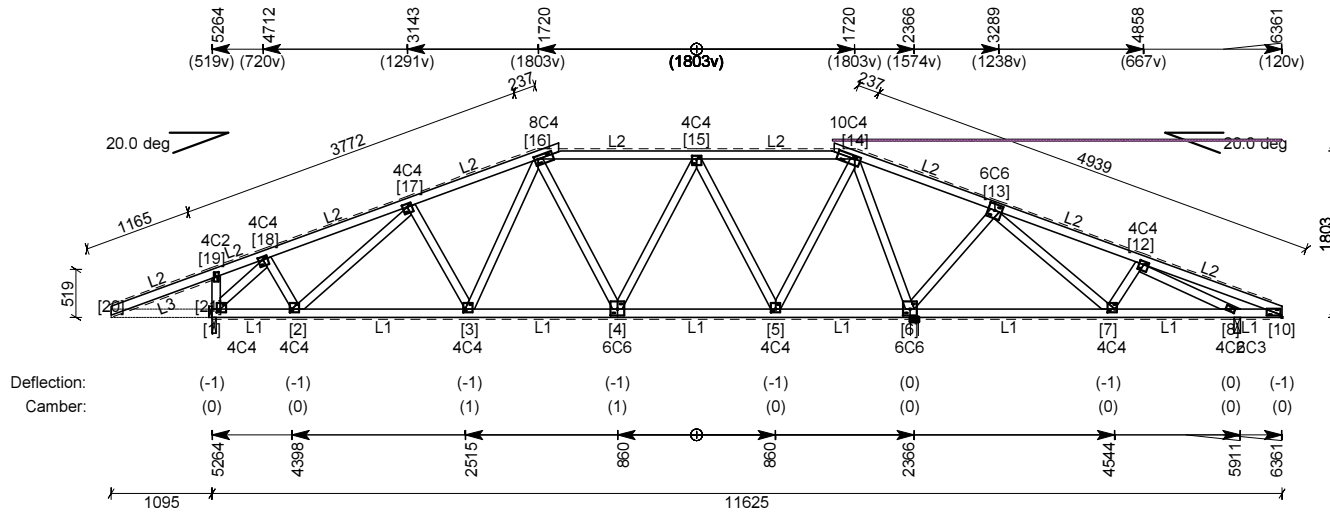
TC3 (16-20) 1 / 90x35 MGP12

## Additional Loads

RLA1: 6738-11625 (4887 mm)G=15.0 kg/m2

## Notes

1. Deflection = permanent load deflection including creep (negative = downward movement).
2. Overhang condition: No fascia.
3. Refer to Pryda Installation Guide for full bracing details.
4. Refer to layout for overall truss bracing.
5. Truss close to gable end: NO



## Major supports and factored reactions

| Joint | Type     | Width | Perm.  | Max. down (LC)  | Uplift  | Tie-down                | Connector |
|-------|----------|-------|--------|-----------------|---------|-------------------------|-----------|
| 1     | Beam Int | 45    | 1.8 kN | 3.6 kN (Gc+Q2r) | -1.3 kN | 1/SB083/30              | -         |
| 6     | Wall Ext | 90    | 3.7 kN | 6.5 kN (Gc+Q2r) | -1.9 kN | 1/SB083/30              | -         |
| 8     | Beam Int | 70    | 0.9 kN | 2.4 kN (Gc+Qj)  | -0.2 kN | 2/65x2.8 dia Skew Nails | -         |

Note: Refer to Truss Connections Report / Producer Statement for fixing details.

TRUSS DETAILS (DESIGN)

Job Ref: 18RICHMAN

Truss Reference : V1 (Single Truss)

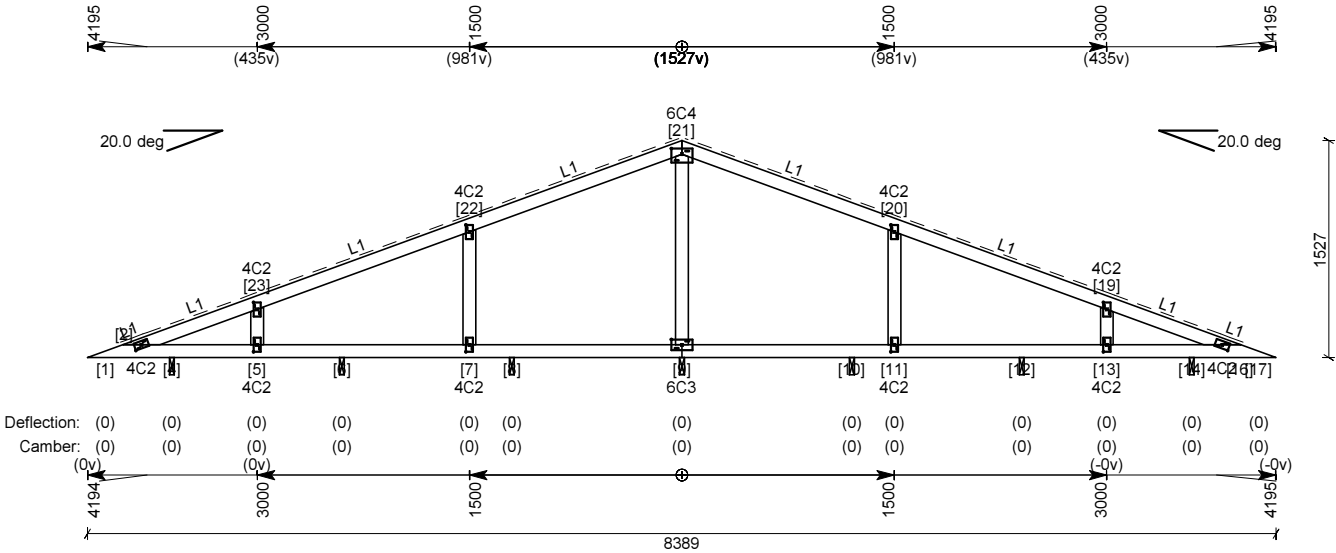
Date created: 02 Sep 2020  
Page No: 11

Truss type: Valley  
Building Standard : NCC-2019

No. plies : 1x35mm  
Design spacing : 1200mm  
Structural Category : 1 CPA: 20.13

No. of : 2  
Building type: Residential

Station : 0mm



**Linings**  
L1: Sheet steel (0.48mm) (5.6 kg/sq.m).  
Battens @ 1200mm.

**Timber**  
Top Chords 1 / 90x35 MGP10 uno  
Bottom Chords 1 / 90x35 MGP10 uno  
Webs 1 / 90x35 MGP10 uno

- Notes**
- 1. Deflection = permanent load deflection including creep (negative = downward movement).
  - 2. Overhang condition: No fascia.
  - 3. Refer to Pryda Installation Guide for full bracing details.
  - 4. Refer to layout for overall truss bracing.
  - 5. Truss close to gable end: YES

# TRUSS DETAILS (DESIGN)

Job Ref: 18RICHMAN

Truss Reference : T2 (Single Truss)

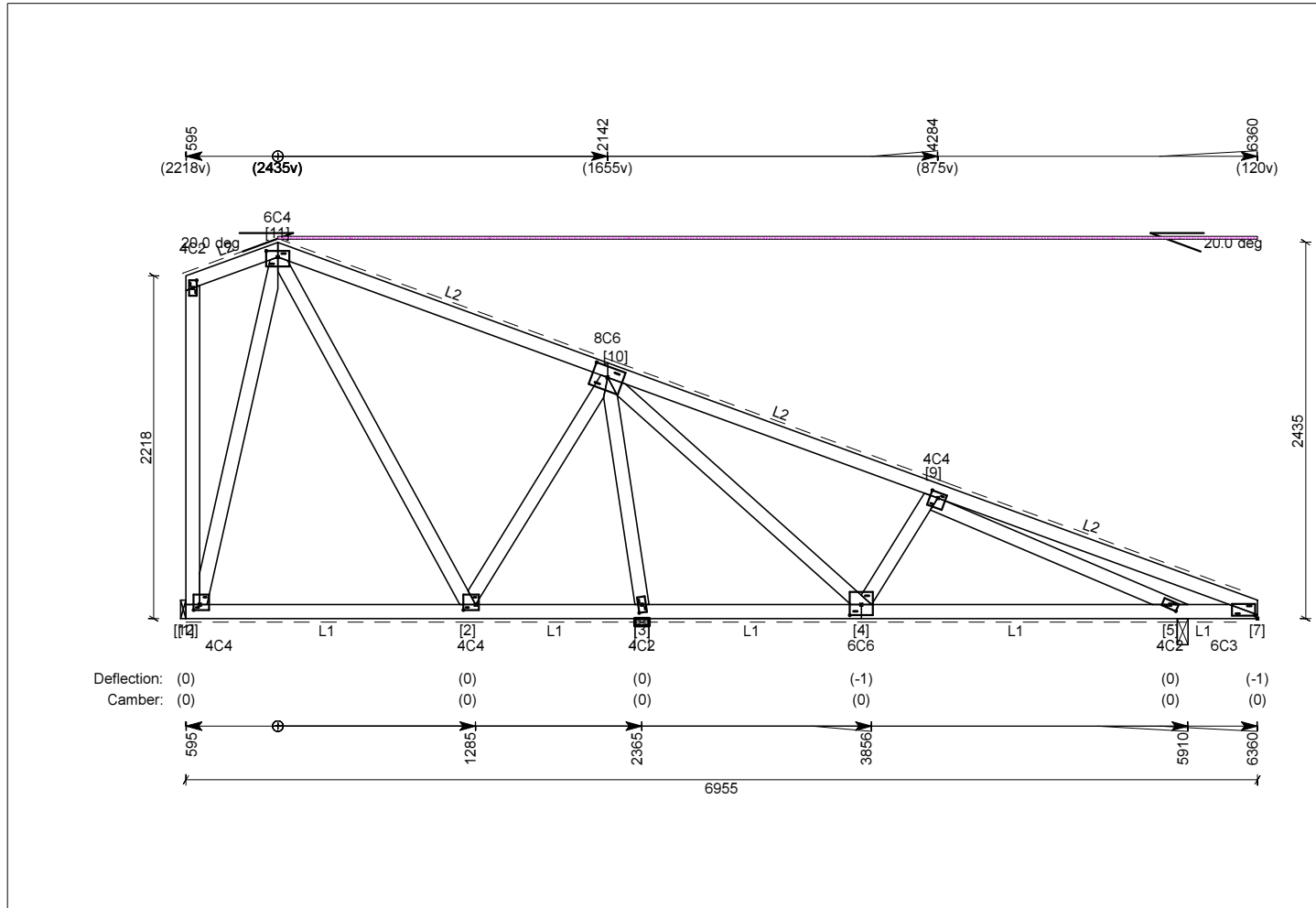
Date created: 02 Sep 2020  
Page No: 12

Truss type: Standard  
Building Standard : NCC-2019

No. plies : 1x35mm  
Design spacing : 1203mm  
Structural Category : 2 CPA: 25.69

No. of : 2

Building type: Residential



## Linings

L1: 10mm plasterboard (7.2 kg/sq.m).  
Direct (nail/screw restraint) @ 600mm.  
L2: Sheet steel (0.48mm) (5.6 kg/sq.m).  
Battens @ 1200mm.

## Timber

Top Chords 1 / 90x35 MGP10 uno  
Bottom Chords 1 / 90x35 MGP10 uno  
Webs 1 / 90x35 MGP10 uno

TC1 (7-11) 1 / 90x35 MGP12

## Additional Loads

RLA1: 595-6955 (6360 mm): G=15.0 kg/m2

## Notes

1. Deflection = permanent load deflection including creep (negative = downward movement).
2. Overhang condition: No fascia.
3. Refer to Pryda Installation Guide for full bracing details.
4. Refer to layout for overall truss bracing.
5. Truss close to gable end: NO

## Major supports and factored reactions

| Joint | Type        | Width | Perm.  | Max. down (LC)  | Uplift  | Tie-down                | Connector |
|-------|-------------|-------|--------|-----------------|---------|-------------------------|-----------|
| 1     | Truss Chord | 35    | 0.6 kN | 2.1 kN (Gc+Qj)  | -0.5 kN | -                       | TB35/12   |
| 5     | Beam Int    | 70    | 1.3 kN | 2.7 kN (Gc+Qj)  | -0.3 kN | 2/65x2.8 dia Skew Nails | -         |
| 3     | Wall Ext    | 90    | 2.6 kN | 4.1 kN (Gc+Q2r) | -0.8 kN | 1/SB083/30              | -         |

Note: Refer to Truss Connections Report / Producer Statement for fixing details.

# TRUSS DETAILS (DESIGN)

Job Ref: 18RICHMAN

Truss Reference : V2 (Single Truss)

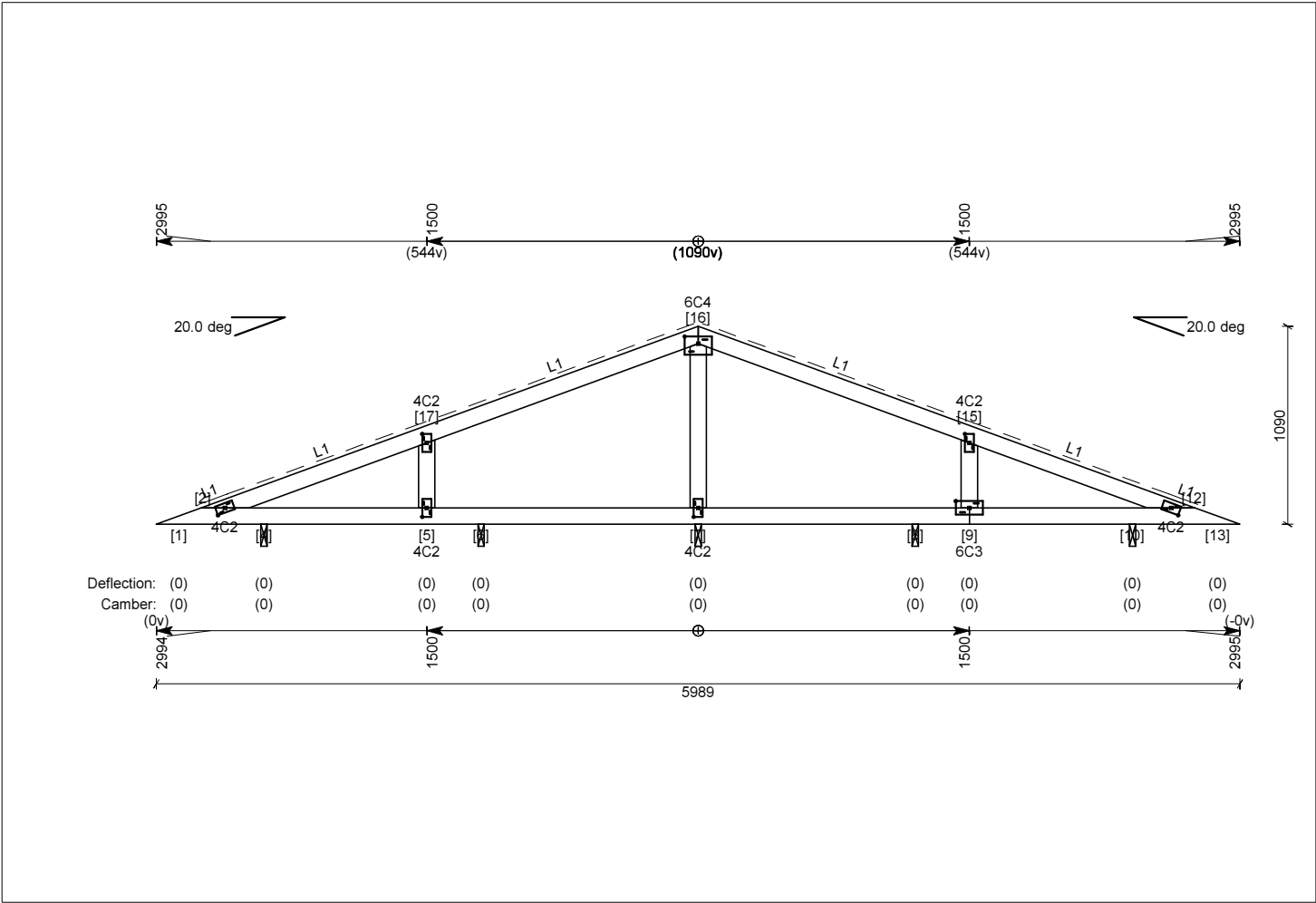
Date created: 02 Sep 2020  
Page No: 13

Truss type: Valley  
Building Standard : NCC-2019

No. plies : 1x35mm  
Design spacing : 1200mm  
Structural Category : 1 CPA: 14.38

No. of : 2  
Building type: Residential

Station : 0mm



**Linings**  
L1: Sheet steel (0.48mm) (5.6 kg/sq.m).  
Battens @ 1200mm.

**Timber**  
Top Chords 1 / 90x35 MGP10 uno  
Bottom Chords 1 / 90x35 MGP10 uno  
Webs 1 / 90x35 MGP10 uno

- Notes**
1. Deflection = permanent load deflection including creep (negative = downward movement).
  2. Overhang condition: No fascia.
  3. Refer to Pryda Installation Guide for full bracing details.
  4. Refer to layout for overall truss bracing.
  5. Truss close to gable end: YES

**Truss Reference : M1 (Single Truss)**

## Linings

## Timber

## Notes

1. Deflection – permanent load deflection including creep (negative = downward movement).
2. Overhang condition: No fascia.
3. Refer to Pryda Installation Guide for full bracing details.
4. Refer to layout for overall truss bracing.
5. Truss close to gable end: YES



Note: Refer to Truss Connections Report / Producer Statement for fixing details.

**Truss Reference : H3 (Single Truss)**

## Linings

## Timber

### Supported trusses / Applied point loads

## Notes

1. Deflection = permanent load deflection including creep (negative = downward movement).
2. Overhang condition: No fascia.
3. Refer to Pryda Installation Guide for full bracing details.
4. Refer to layout for overall truss bracing.
5. Truss close to gable end: NO

Note: Refer to Truss Connections Report / Producer Statement for fixing details.

**Truss Reference : H4 (Single Truss)**

## Linings

**Timber**

### Supported trusses / Applied point loads

Note: numbers in brackets denote distance from left of truss.

## Notes

1. Deflection permanent load deflection including creep (negative = downward movement).
2. Overhang condition: No fascia.
3. Refer to Pryda Installation Guide for full bracing details.
4. Refer to layout for overall truss bracing.
5. Truss close to gable end: NO



| Joint | Type        | Width | Perm.   | Max. down (LC) | Uplift  | Tie-down                | Connector |
|-------|-------------|-------|---------|----------------|---------|-------------------------|-----------|
| 6     | Truss Chord | 35    | 0.0 kN  | 0.1 kN (Gc+Qj) | -0.1 kN | 3/65x2.8 dia Skew Nails | -         |
| 11    | Truss Chord | 35    | -0.0 kN | 0.7 kN (Gc+Qj) | -0.3 kN | 2/65x2.8 dia Skew Nails | -         |
| 3     | Beam Int    | 98    | 0.3 kN  | 2.3 kN (Gc+Qj) | -0.1 kN | 2/65x2.8 dia Skew Nails | -         |
| 5     | Wall Ext    | 90    | 0.3 kN  | 1.4 kN (Gc+Qj) | -0.1 kN | 2/65x2.8 dia Skew Nails | -         |

Note: Refer to Truss Connections Report / Producer Statement for fixing details.

TRUSS DETAILS (DESIGN)

Job Ref: 18RICHMAN

Truss Reference : V3 (Single Truss)

Date created: 02 Sep 2020  
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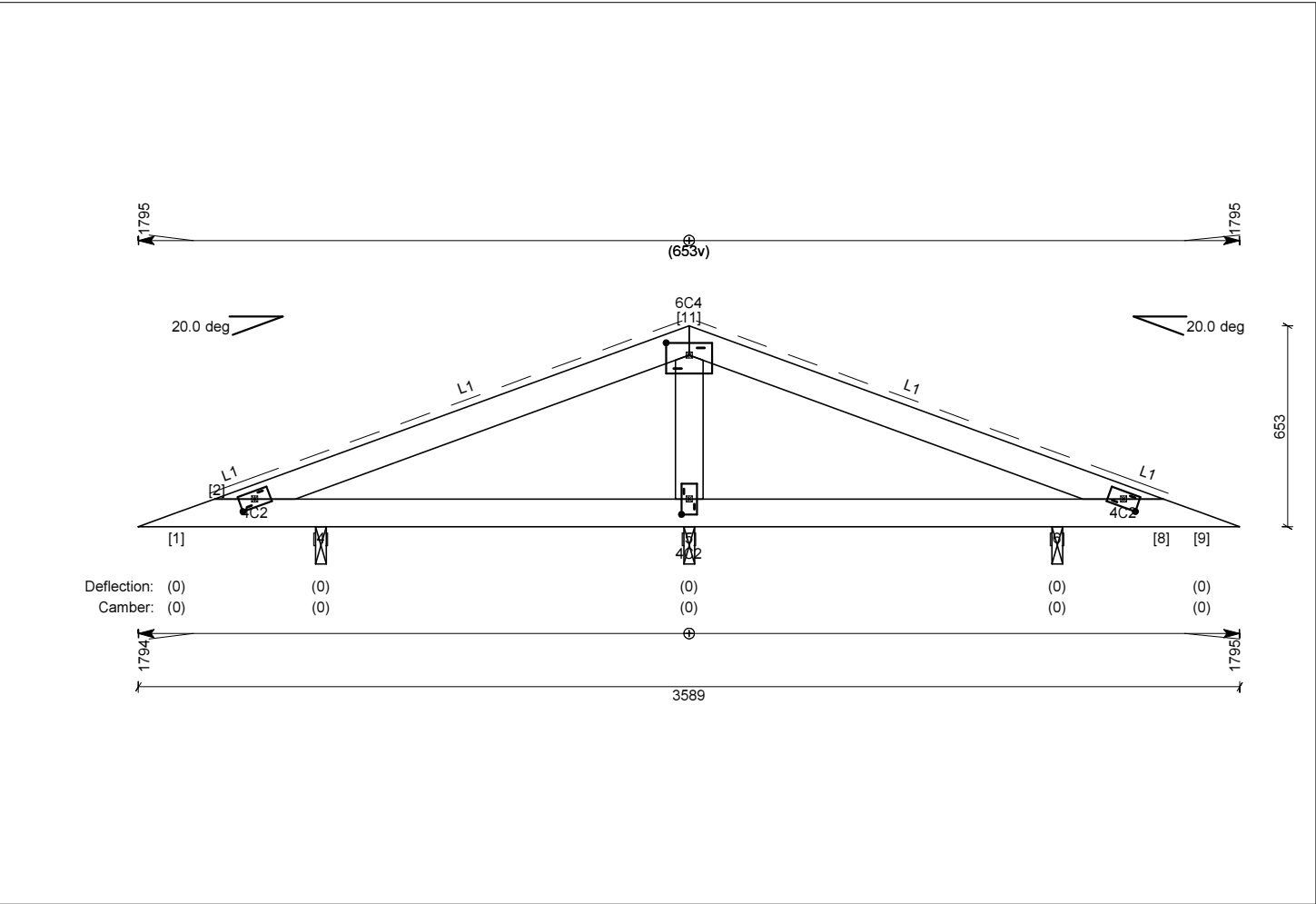
Truss type: Valley  
Building Standard : NCC-2019

No. plies : 1x35mm  
Design spacing : 1200mm  
Structural Category : 1 CPA: 8.63

No. of : 2

Building type: Residential

Station : 0mm



Linings

L1: Sheet steel (0.48mm) (5.6 kg/sq.m).  
Battens @ 1200mm.

Timber

Top Chords 1 / 90x35 MGP10 uno  
Bottom Chords 1 / 90x35 MGP10 uno  
Webs 1 / 90x35 MGP10 uno

Notes

1. Deflection = permanent load deflection including creep (negative = downward movement).
2. Overhang condition: No fascia.
3. Refer to Pryda Installation Guide for full bracing details.
4. Refer to layout for overall truss bracing.
5. Truss close to gable end: YES

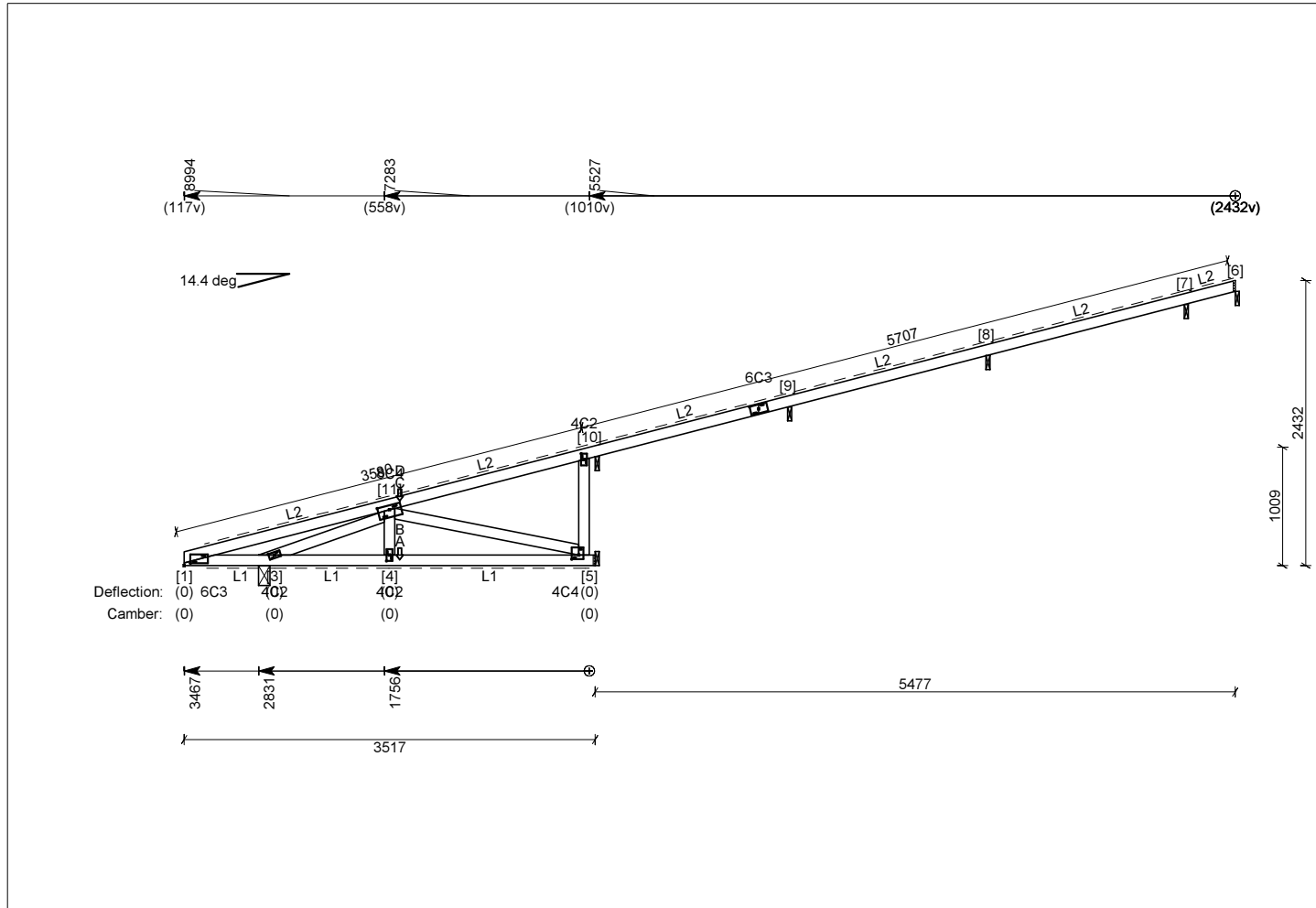
# TRUSS DETAILS (DESIGN)

Job Ref: 18RICHMAN

Truss Reference : H1 (Single Truss)

Date created: 02 Sep 2020  
Page No: 18

Truss type: Hip  
Building Standard : NCC-2019  
No. plies : 1x35mm  
Design spacing : 1200mm  
No. of : 1  
Building type: Residential  
Structural Category : 1 CPA: 18.62



## Linings

L1: 10mm plasterboard (7.2 kg/sq.m).  
Direct (nail/screw restraint) @ 600mm.  
L2: Sheet steel (0.48mm) (5.6 kg/sq.m).  
Battens @ 1200mm.

## Timber

Top Chords 1 / 90x35 MGP10 uno  
Bottom Chords 1 / 90x35 MGP10 uno  
Webs 1 / 90x35 MGP10 uno

## Supported trusses / Applied point loads

A: C1 (1845) B: C5 (1845)  
C: C1 (1845) D: C5 (1845)

Note: numbers in brackets denote distance from left of truss.

## Notes

1. Deflection = permanent load deflection including creep (negative = downward movement).
2. Overhang condition: No fascia.
3. Refer to Pryda Installation Guide for full bracing details.
4. Refer to layout for overall truss bracing.
5. Truss close to gable end: NO

## Major supports and factored reactions

| Joint | Type        | Width | Perm.  | Max. down (LC) | Uplift  | Tie-down                | Connector |
|-------|-------------|-------|--------|----------------|---------|-------------------------|-----------|
| 5     | Truss Chord | 35    | 0.0 kN | 0.3 kN (Gc+Qj) | -0.1 kN | 3/65x2.8 dia Skew Nails | -         |
| 10    | Truss Chord | 35    | 0.1 kN | 1.5 kN (Gc+Qj) | -0.3 kN | 2/65x2.8 dia Skew Nails | -         |
| 3     | Beam Int    | 98    | 0.2 kN | 2.3 kN (Gc+Qj) | -0.1 kN | 2/65x2.8 dia Skew Nails | -         |

Note: Refer to Truss Connections Report / Producer Statement for fixing details.

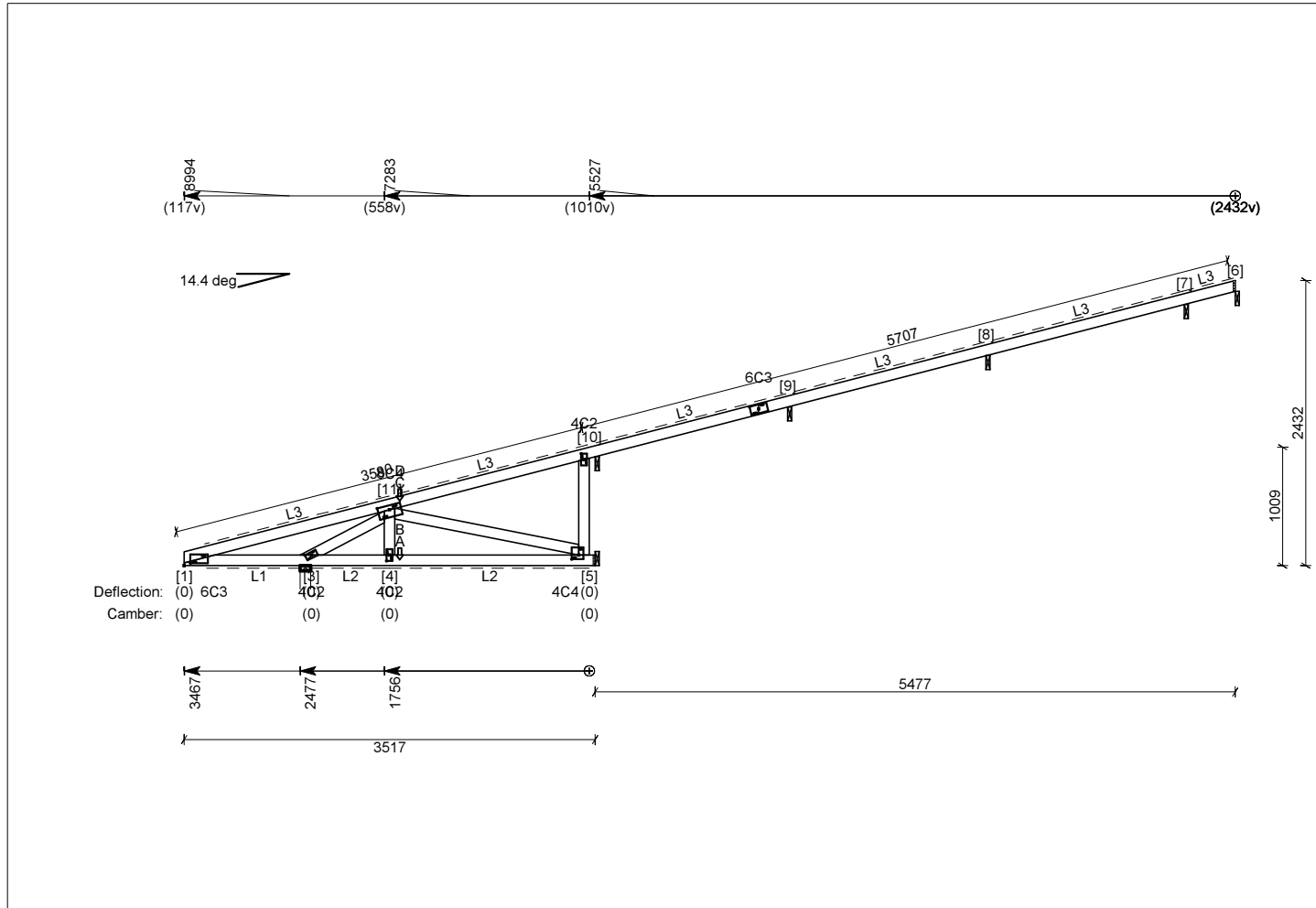
# TRUSS DETAILS (DESIGN)

Job Ref: 18RICHMAN

Truss Reference : H2 (Single Truss)

Date created: 02 Sep 2020  
Page No: 19

Truss type: Hip  
Building Standard : NCC-2019  
No. plies : 1x35mm  
Design spacing : 1200mm  
No. of : 1  
Building type: Residential  
Structural Category : 1 CPA: 18.62



## Linings

L1: Fibrecement (4.5mm) (7.7 kg/sq.m).  
Battens @ 600mm.  
L2: 10mm plasterboard (7.2 kg/sq.m).  
Direct (nail/screw restraint) @ 600mm.  
L3: Sheet steel (0.48mm) (5.6 kg/sq.m).  
Battens @ 1200mm.

## Timber

Top Chords 1 / 90x35 MGP10 uno  
Bottom Chords 1 / 90x35 MGP10 uno  
Webs 1 / 90x35 MGP10 uno

## Supported trusses / Applied point loads

A: C1 (1845) B: C4 (1845)  
C: C1 (1845) D: C4 (1845)  
Note: numbers in brackets denote distance from left of truss.

## Notes

1. Deflection = permanent load deflection including creep (negative = downward movement).
2. Overhang condition: No fascia.
3. Refer to Pryda Installation Guide for full bracing details.
4. Refer to layout for overall truss bracing.
5. Truss close to gable end: NO

## Major supports and factored reactions

| Joint | Type        | Width | Perm.  | Max. down (LC) | Uplift  | Tie-down                | Connector |
|-------|-------------|-------|--------|----------------|---------|-------------------------|-----------|
| 5     | Truss Chord | 35    | 0.0 kN | 0.3 kN (Gc+Qj) | -0.1 kN | 3/65x2.8 dia Skew Nails | -         |
| 10    | Truss Chord | 35    | 0.1 kN | 1.4 kN (Gc+Qj) | -0.6 kN | 2/65x2.8 dia Skew Nails | -         |
| 3     | Wall Ext    | 90    | 0.1 kN | 2.5 kN (Gc+Qj) | -0.1 kN | 2/65x2.8 dia Skew Nails | -         |

Note: Refer to Truss Connections Report / Producer Statement for fixing details.

# TRUSS DETAILS (DESIGN)

Job Ref: 18RICHMAN

Truss Reference : PCG1 (Single Truss)

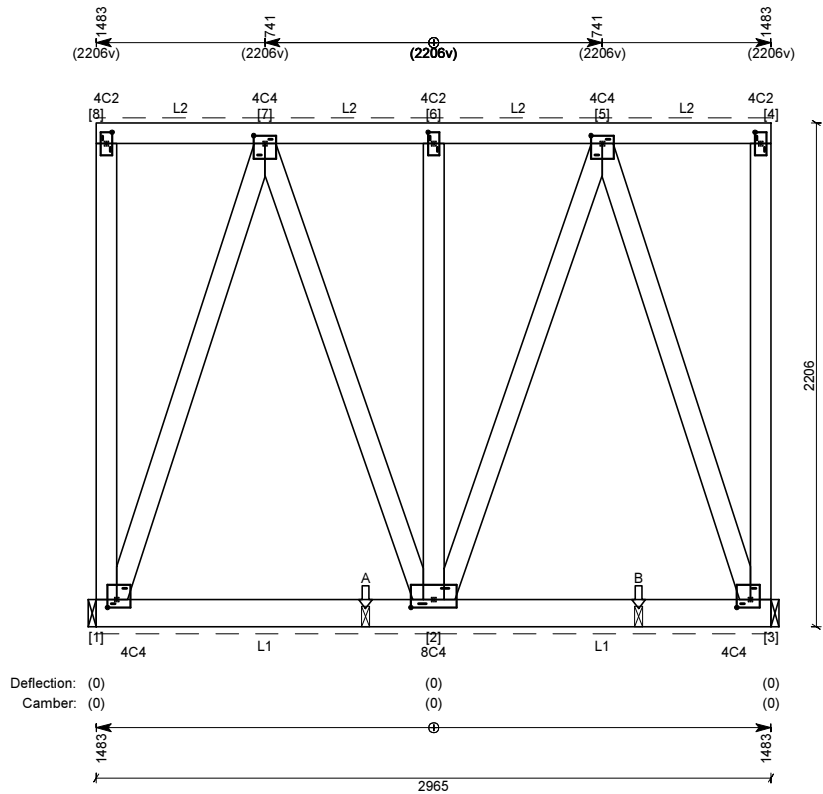
Date created: 02 Sep 2020  
Page No: 20

Truss type: Parallel Chord  
Building Standard : NCC-2019

No. plies : 1x35mm  
Design spacing : 1200mm  
Structural Category : 1 CPA: 24.54

No. of : 1

Building type: Residential



## Linings

L1: 10mm plasterboard (7.2 kg/sq.m).  
Direct (nail/screw restraint) @ 600mm.  
L2: Sheet steel (0.48mm) (5.6 kg/sq.m).  
Battens @ 1200mm.

## Timber

Top Chords 1 / 90x35 MGP10 uno  
Bottom Chords 1 / 120x35 MGP10 uno  
Webs 1 / 90x35 MGP10 uno

## Supported trusses / Applied point loads

A: T2 (1183) B: T2 (2383)

Note: numbers in brackets denote distance from left of truss.

## Notes

1. Deflection = permanent load deflection including creep (negative = downward movement).
2. Overhang condition: No fascia.
3. Refer to Pryda Installation Guide for full bracing details.
4. Refer to layout for overall truss bracing.
5. Truss close to gable end: YES

## Major supports and factored reactions

| Joint | Type        | Width | Perm.  | Max. down (LC) | Uplift  | Tie-down | Connector |
|-------|-------------|-------|--------|----------------|---------|----------|-----------|
| 1     | Truss Chord | 35    | 1.0 kN | 2.6 kN (Gc+Qj) | -1.6 kN | -        | TB35/12   |
| 3     | Truss Chord | 35    | 1.3 kN | 2.8 kN (Gc+Qj) | -1.8 kN | -        | TB35/12   |

Note: Refer to Truss Connections Report / Producer Statement for fixing details.

# TRUSS DETAILS (DESIGN)

Job Ref: 18RICHMAN

Truss Reference : PCG2 (Single Truss)

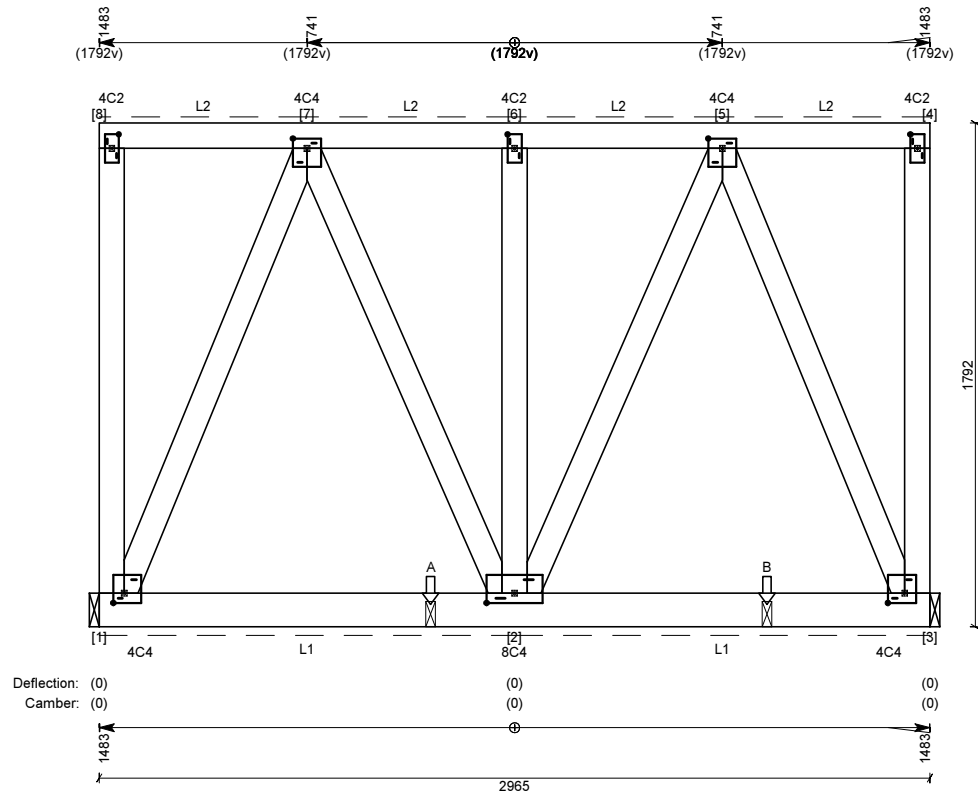
Date created: 02 Sep 2020  
Page No: 21

Truss type: Parallel Chord  
Building Standard : NCC-2019

No. plies : 1x35mm  
Design spacing : 1200mm  
Structural Category : 1 CPA: 17.25

No. of : 1

Building type: Residential



## Linings

L1: 10mm plasterboard (7.2 kg/sq.m).  
Direct (nail/screw restraint) @ 600mm.  
L2: Sheet steel (0.48mm) (5.6 kg/sq.m).  
Battens @ 1200mm.

## Timber

Top Chords 1 / 90x35 MGP10 uno  
Bottom Chords 1 / 120x35 MGP10 uno  
Webs 1 / 90x35 MGP10 uno

## Supported trusses / Applied point loads

A: M1 (1183) B: M1 (2383)

Note: numbers in brackets denote distance from left of truss.

## Notes

1. Deflection = permanent load deflection including creep (negative = downward movement).
2. Overhang condition: No fascia.
3. Refer to Pryda Installation Guide for full bracing details.
4. Refer to layout for overall truss bracing.
5. Truss close to gable end: YES

## Major supports and factored reactions

| Joint | Type        | Width | Perm.  | Max. down (LC) | Uplift  | Tie-down | Connector |
|-------|-------------|-------|--------|----------------|---------|----------|-----------|
| 1     | Truss Chord | 35    | 0.8 kN | 2.4 kN (Gc+Qj) | -1.7 kN | -        | TB35/12   |
| 3     | Truss Chord | 35    | 1.0 kN | 2.5 kN (Gc+Qj) | -2.0 kN | -        | TB35/12   |

Note: Refer to Truss Connections Report / Producer Statement for fixing details.

# TRUSS DETAILS (DESIGN)

Job Ref: 18RICHMAN

Truss Reference : J6 (Single Truss)

Date created: 02 Sep 2020  
Page No: 22

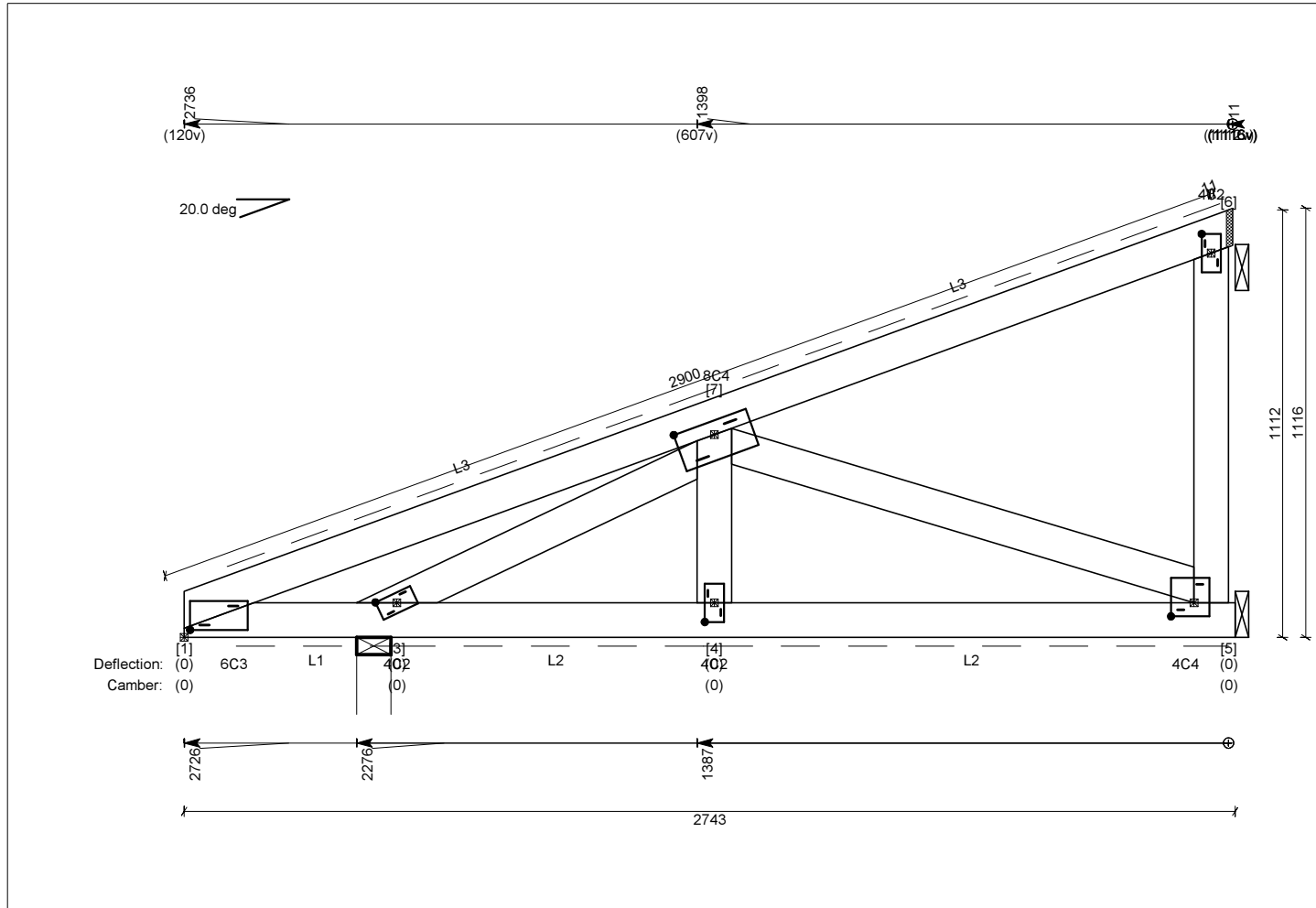
Truss type: Jack  
Building Standard : NCC-2019

No. plies : 1x35mm  
Design spacing : 1200mm  
Structural Category : 1 CPA: 6.58

No. of : 2

Building type: Residential

Station : 2742mm



## Linings

L1: Fibrecement (4.5mm) (7.7 kg/sq.m).  
Battens @ 600mm.  
L2: 10mm plasterboard (7.2 kg/sq.m).  
Direct (nail/screw restraint) @ 600mm.  
L3: Sheet steel (0.48mm) (5.6 kg/sq.m).  
Battens @ 1200mm.

## Timber

Top Chords 1 / 90x35 MGP10 uno  
Bottom Chords 1 / 90x35 MGP10 uno  
Webs 1 / 90x35 MGP10 uno

## Notes

1. Deflection = permanent load deflection including creep (negative = downward movement).
2. Overhang condition: No fascia.
3. Refer to Pryda Installation Guide for full bracing details.
4. Refer to layout for overall truss bracing.
5. Truss close to gable end: NO

## Major supports and factored reactions

| Joint | Type        | Width | Perm.  | Max. down (LC) | Uplift  | Tie-down                | Connector |
|-------|-------------|-------|--------|----------------|---------|-------------------------|-----------|
| 5     | Truss Chord | 35    | 0.2 kN | 1.0 kN (Gc+Qj) | -0.3 kN | 3/65x2.8 dia Skew Nails | -         |
| 6     | Truss Chord | 35    | 0.2 kN | 1.1 kN (Gc+Qj) | -0.3 kN | 1/MG                    | -         |
| 3     | Wall Ext    | 90    | 0.7 kN | 2.7 kN (Gc+Qj) | -0.8 kN | 1/SB083/30              | -         |

Note: Refer to Truss Connections Report / Producer Statement for fixing details.

# TRUSS DETAILS (DESIGN)

Job Ref: 18RICHMAN

Truss Reference : J7 (Single Truss)

Date created: 02 Sep 2020  
Page No: 23

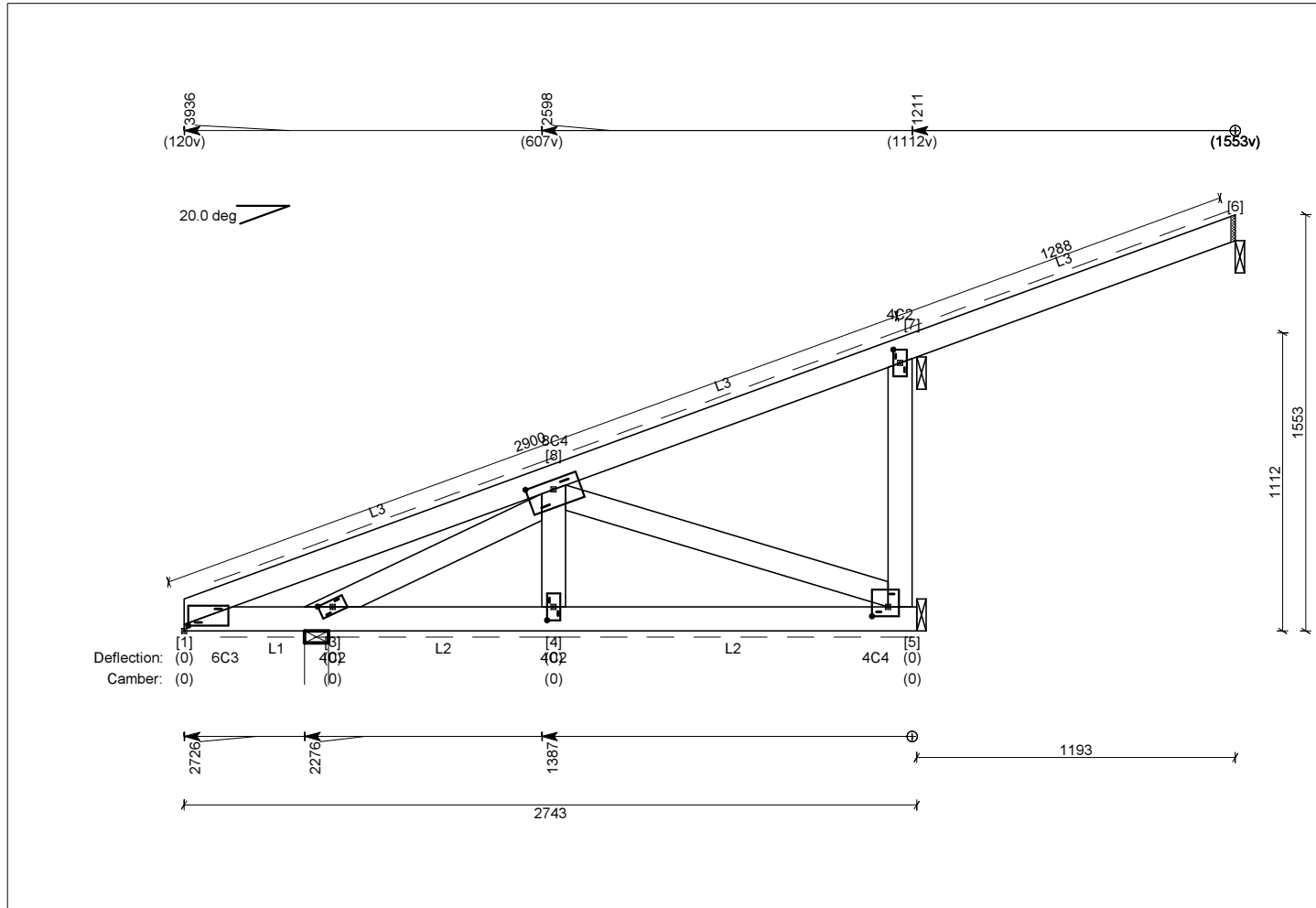
Truss type: Jack  
Building Standard : NCC-2019

No. plies : 1x35mm  
Design spacing : 1200mm  
Structural Category : 1 CPA: 9.45

No. of : 2

Building type: Residential

Station : 2742mm



# TRUSS DETAILS (DESIGN)

Job Ref: 18RICHMAN

Truss Reference : J8 (Single Truss)

Date created: 02 Sep 2020  
Page No: 24

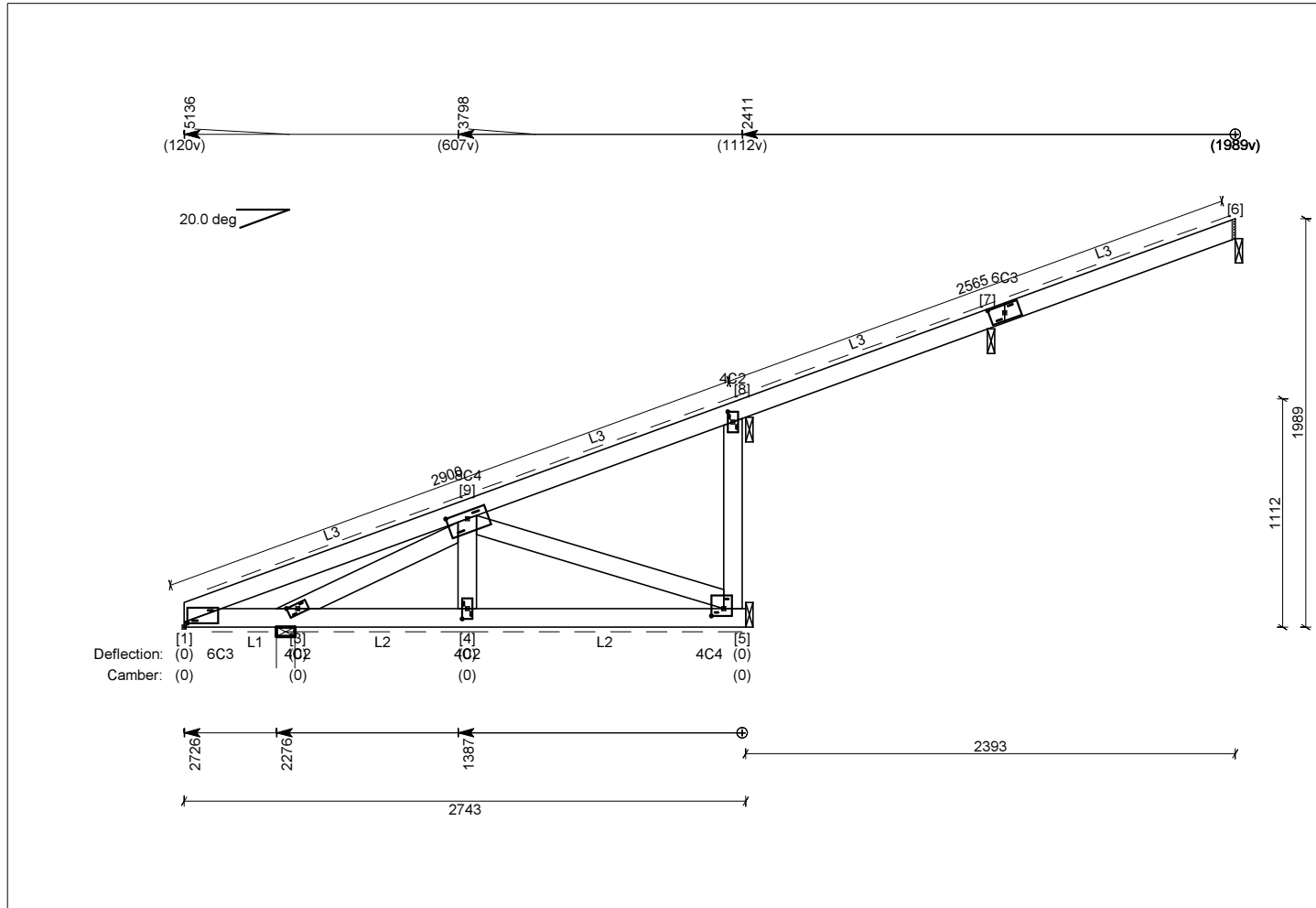
Truss type: Jack  
Building Standard : NCC-2019

No. plies : 1x35mm  
Design spacing : 1200mm  
Structural Category : 1 CPA: 12.33

No. of : 2

Building type: Residential

Station : 2742mm



## Linings

L1: Fibrecement (4.5mm) (7.7 kg/sq.m).  
Battens @ 600mm.  
L2: 10mm plasterboard (7.2 kg/sq.m).  
Direct (nail/screw restraint) @ 600mm.  
L3: Sheet steel (0.48mm) (5.6 kg/sq.m).  
Battens @ 1200mm.

## Timber

Top Chords 1 / 90x35 MGP10 uno  
Bottom Chords 1 / 90x35 MGP10 uno  
Webs 1 / 90x35 MGP10 uno

## Notes

1. Deflection = permanent load deflection including creep (negative = downward movement).
2. Overhang condition: No fascia.
3. Refer to Pryda Installation Guide for full bracing details.
4. Refer to layout for overall truss bracing.
5. Truss close to gable end: NO

## Major supports and factored reactions

| Joint | Type        | Width | Perm.  | Max. down (LC) | Uplift  | Tie-down                | Connector |
|-------|-------------|-------|--------|----------------|---------|-------------------------|-----------|
| 5     | Truss Chord | 35    | 0.3 kN | 1.0 kN (Gc+Qj) | -0.5 kN | 3/65x2.8 dia Skew Nails | -         |
| 8     | Truss Chord | 35    | 0.3 kN | 1.1 kN (Gc+Qj) | -0.5 kN | 1/MG                    | -         |
| 3     | Wall Ext    | 90    | 0.7 kN | 2.7 kN (Gc+Qj) | -0.6 kN | 1/SB083/30              | -         |

Note: Refer to Truss Connections Report / Producer Statement for fixing details.

# TRUSS DETAILS (DESIGN)

Job Ref: 18RICHMAN

Truss Reference : J9 (Single Truss)

Date created: 02 Sep 2020  
Page No: 25

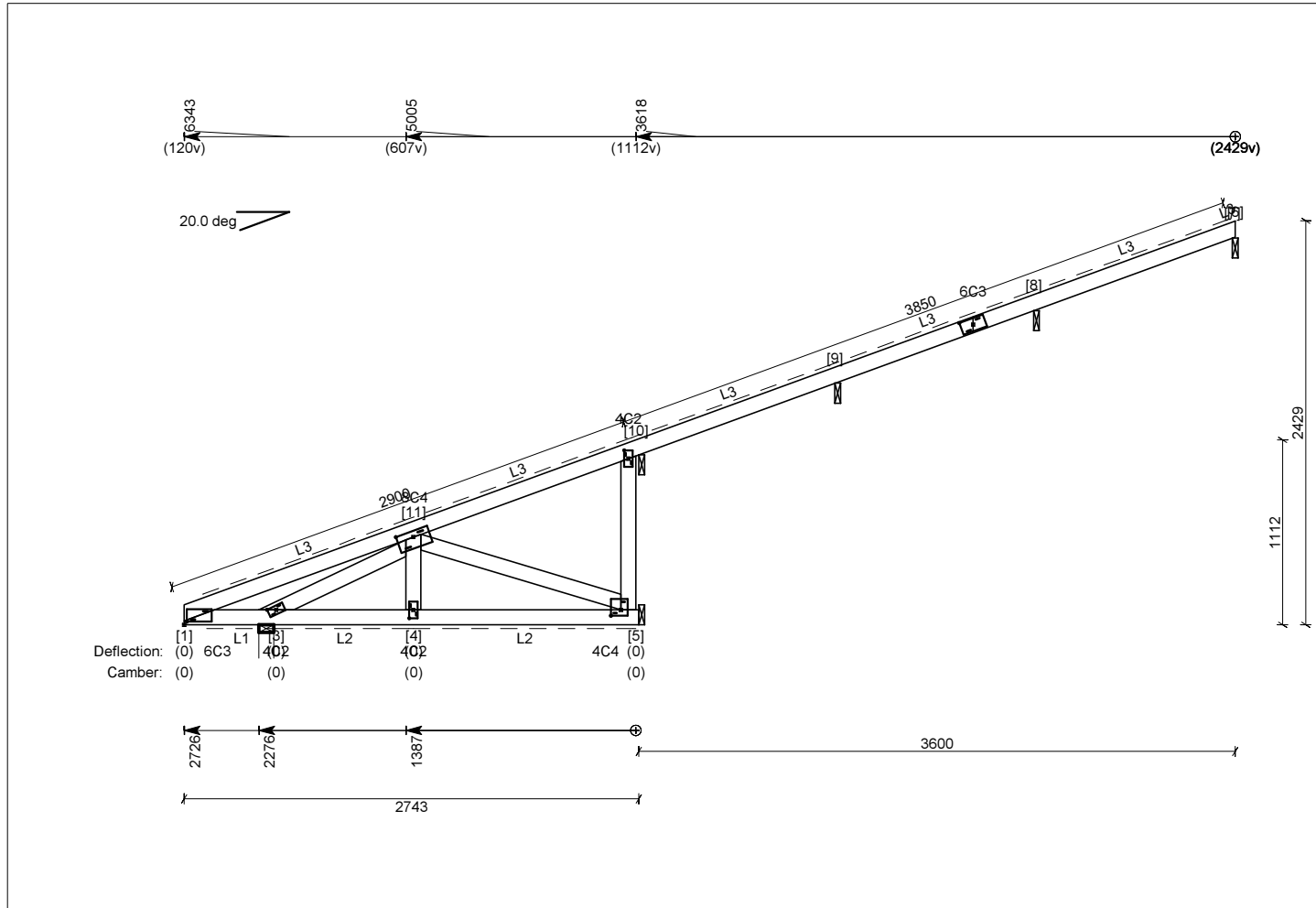
Truss type: Jack  
Building Standard : NCC-2019

No. plies : 1x35mm  
Design spacing : 1200mm  
Structural Category : 1 CPA: 15.22

No. of : 1

Building type: Residential

Station : 2742mm



## Linings

- L1: Fibrecement (4.5mm) (7.7 kg/sq.m).  
Battens @ 600mm.  
L2: 10mm plasterboard (7.2 kg/sq.m).  
Direct (nail/screw restraint) @ 600mm.  
L3: Sheet steel (0.48mm) (5.6 kg/sq.m).  
Battens @ 1200mm.

## Timber

- Top Chords 1 / 90x35 MGP10 uno  
Bottom Chords 1 / 90x35 MGP10 uno  
Webs 1 / 90x35 MGP10 uno

## Notes

1. Deflection = permanent load deflection including creep (negative = downward movement).
2. Overhang condition: No fascia.
3. Refer to Pryda Installation Guide for full bracing details.
4. Refer to layout for overall truss bracing.
5. Truss close to gable end: NO

## Major supports and factored reactions

| Joint | Type        | Width | Perm.  | Max. down (LC) | Uplift  | Tie-down                | Connector |
|-------|-------------|-------|--------|----------------|---------|-------------------------|-----------|
| 5     | Truss Chord | 35    | 0.3 kN | 1.0 kN (Gc+Qj) | -0.5 kN | 3/65x2.8 dia Skew Nails | -         |
| 10    | Truss Chord | 35    | 0.3 kN | 1.1 kN (Gc+Qj) | -0.5 kN | 1/MG                    | -         |
| 3     | Wall Ext    | 90    | 0.7 kN | 2.7 kN (Gc+Qj) | -0.5 kN | 2/65x2.8 dia Skew Nails | -         |

Note: Refer to Truss Connections Report / Producer Statement for fixing details.

# TRUSS DETAILS (DESIGN)

Ver 4.5.3.36

Job Ref: 18RICHMAN

Truss Reference : J1 (Single Truss)

Date created: 02 Sep 2020  
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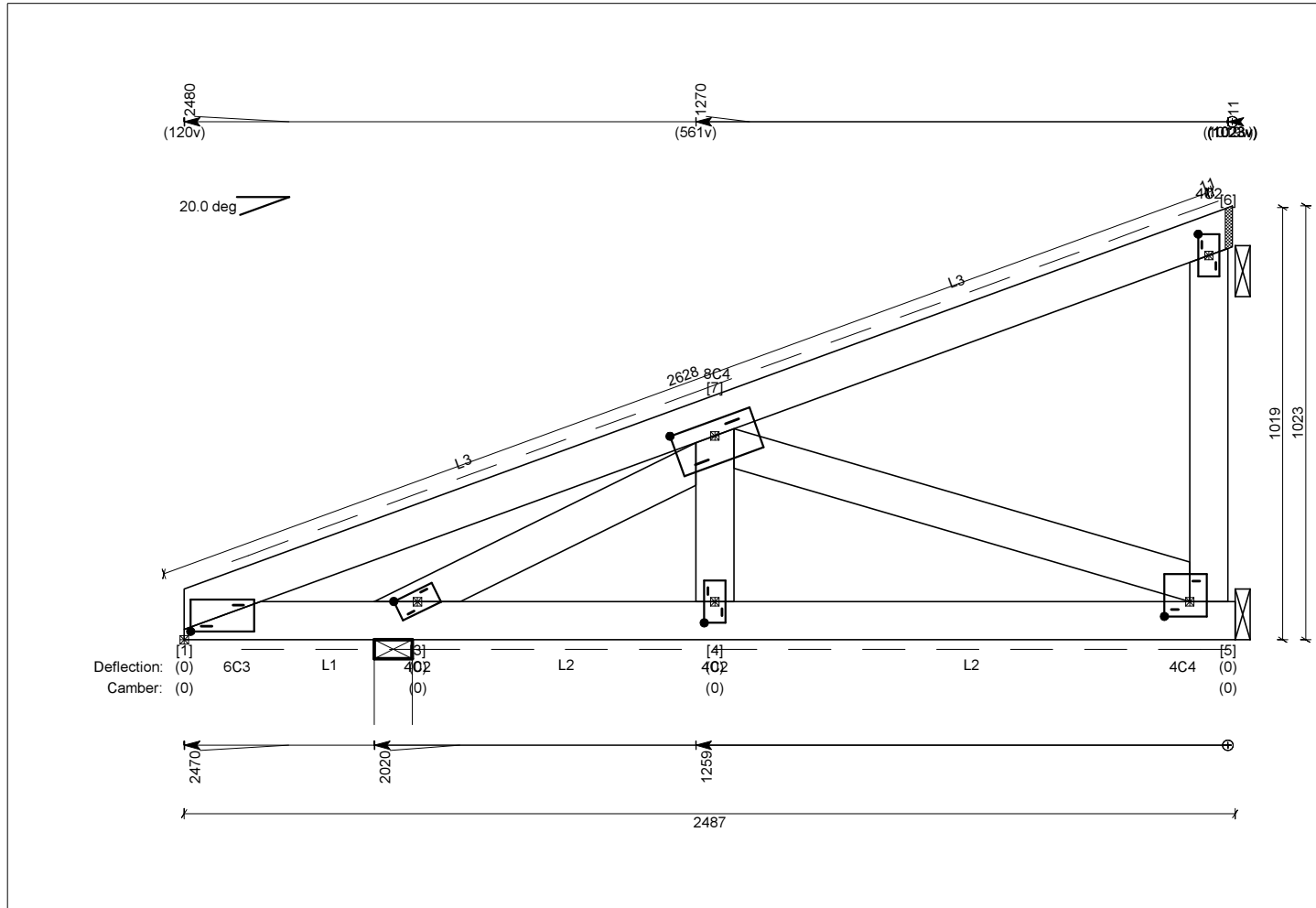
Truss type: Jack  
Building Standard : NCC-2019

No. plies : 1x35mm  
Design spacing : 1200mm  
Structural Category : 1 CPA: 9.46

No. of : 2

Building type: Residential

Station : 2487mm



## Linings

L1: Fibrecement (4.5mm) (7.7 kg/sq.m).  
Battens @ 600mm.  
L2: 10mm plasterboard (7.2 kg/sq.m).  
Direct (nail/screw restraint) @ 600mm.  
L3: Sheet steel (0.48mm) (5.6 kg/sq.m).  
Battens @ 1200mm.

## Timber

Top Chords 1 / 90x35 MGP10 uno  
Bottom Chords 1 / 90x35 MGP10 uno  
Webs 1 / 90x35 MGP10 uno

## Notes

1. Deflection = permanent load deflection including creep (negative = downward movement).
2. Overhang condition: No fascia.
3. Refer to Pryda Installation Guide for full bracing details.
4. Refer to layout for overall truss bracing.
5. Truss close to gable end: NO

## Major supports and factored reactions

| Joint | Type        | Width | Perm.  | Max. down (LC) | Uplift  | Tie-down                | Connector |
|-------|-------------|-------|--------|----------------|---------|-------------------------|-----------|
| 5     | Truss Chord | 35    | 0.2 kN | 0.9 kN (Gc+Qj) | -0.2 kN | 3/65x2.8 dia Skew Nails | -         |
| 6     | Truss Chord | 35    | 0.2 kN | 1.0 kN (Gc+Qj) | -0.2 kN | 1/MG                    | -         |
| 3     | Wall Ext    | 90    | 0.6 kN | 2.7 kN (Gc+Qj) | -0.8 kN | 1/SB083/30              | -         |

Note: Refer to Truss Connections Report / Producer Statement for fixing details.

# TRUSS DETAILS (DESIGN)

Job Ref: 18RICHMAN

Truss Reference : J2 (Single Truss)

Date created: 02 Sep 2020  
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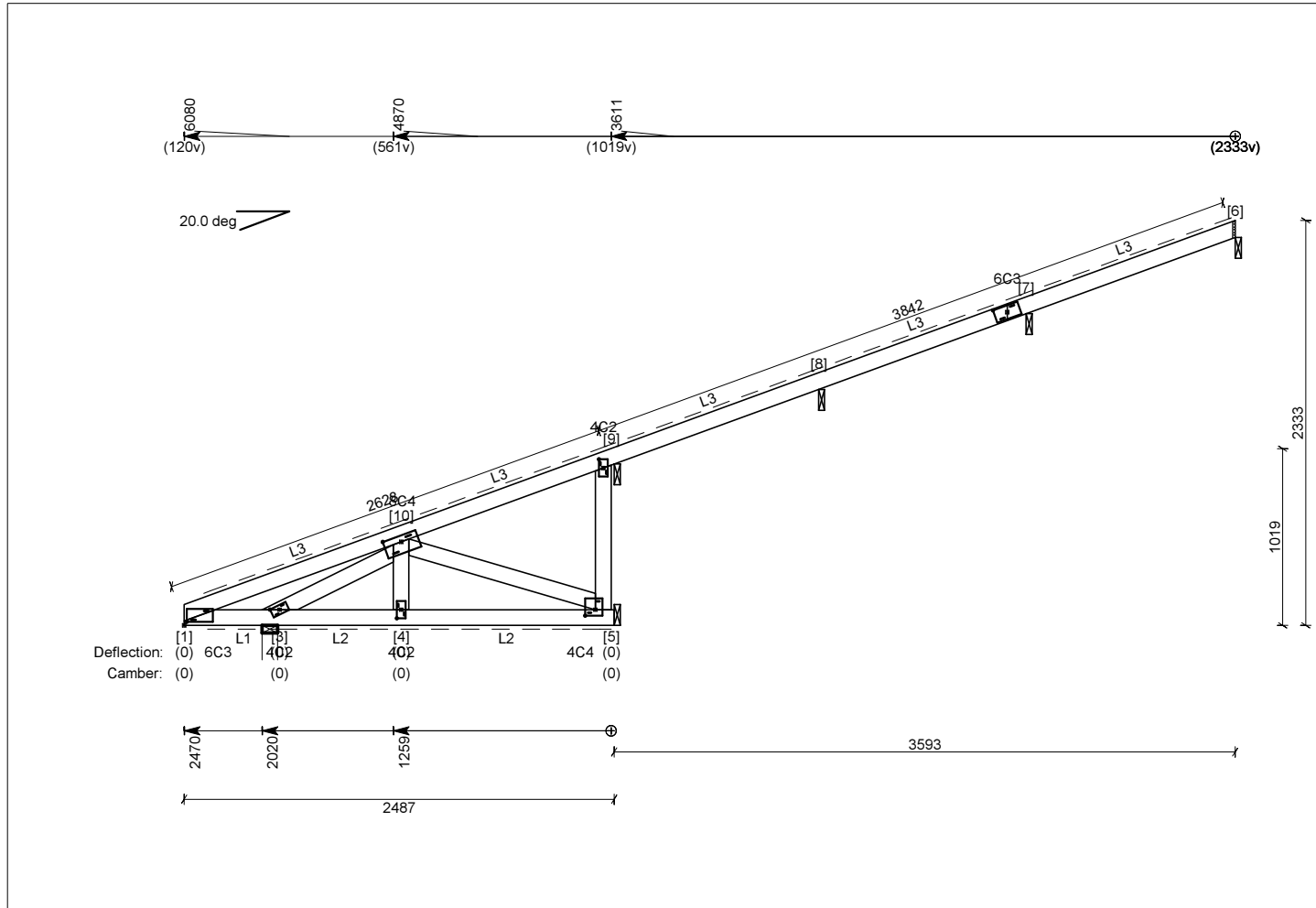
Truss type: Jack  
Building Standard : NCC-2019

No. plies : 1x35mm  
Design spacing : 856mm  
Structural Category : 1 CPA: 15.22

No. of : 2

Building type: Residential

Station : 2487mm



## Linings

- L1: Fibrecement (4.5mm) (7.7 kg/sq.m).  
Battens @ 600mm.
- L2: 10mm plasterboard (7.2 kg/sq.m).  
Direct (nail/screw restraint) @ 600mm.
- L3: Sheet steel (0.48mm) (5.6 kg/sq.m).  
Battens @ 1200mm.

## Timber

- Top Chords 1 / 90x35 MGP10 uno
- Bottom Chords 1 / 90x35 MGP10 uno
- Webs 1 / 90x35 MGP10 uno

## Notes

1. Deflection = permanent load deflection including creep (negative = downward movement).
2. Overhang condition: No fascia.
3. Refer to Pryda Installation Guide for full bracing details.
4. Refer to layout for overall truss bracing.
5. Truss close to gable end: NO

## Major supports and factored reactions

| Joint | Type        | Width | Perm.  | Max. down (LC) | Uplift  | Tie-down                | Connector |
|-------|-------------|-------|--------|----------------|---------|-------------------------|-----------|
| 5     | Truss Chord | 35    | 0.2 kN | 0.9 kN (Gc+Qj) | -0.3 kN | 3/65x2.8 dia Skew Nails | -         |
| 9     | Truss Chord | 35    | 0.2 kN | 1.0 kN (Gc+Qj) | -0.3 kN | 1/MG                    | -         |
| 3     | Wall Ext    | 90    | 0.4 kN | 2.5 kN (Gc+Qj) | -0.3 kN | 2/65x2.8 dia Skew Nails | -         |

Note: Refer to Truss Connections Report / Producer Statement for fixing details.

# TRUSS DETAILS (DESIGN)

Ver 4.5.3.36

Job Ref: 18RICHMAN

Truss Reference : J3 (Single Truss)

Date created: 02 Sep 2020  
Page No: 28

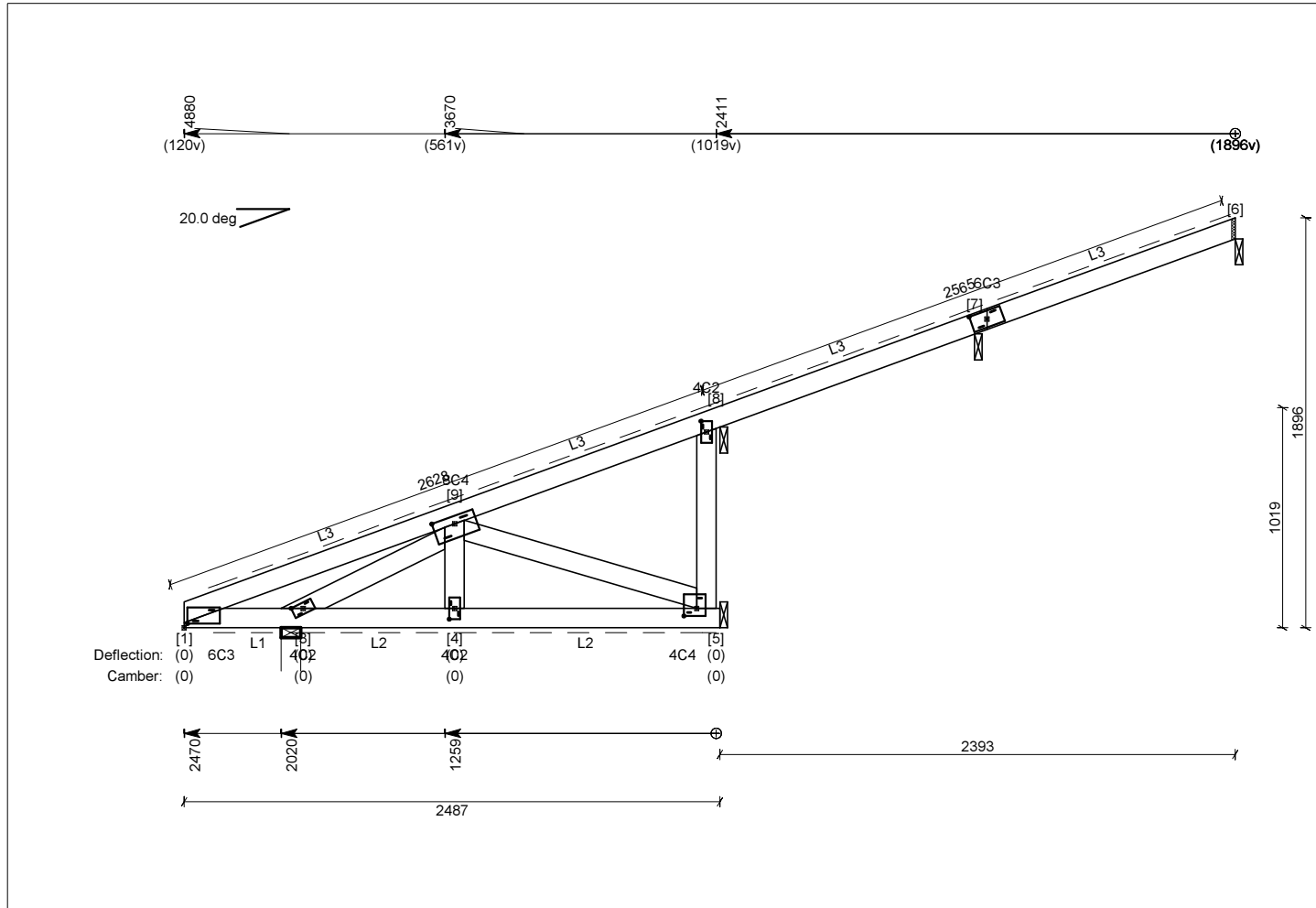
Truss type: Jack  
Building Standard : NCC-2019

No. plies : 1x35mm  
Design spacing : 1200mm  
Structural Category : 1 CPA: 12.33

No. of : 2

Building type: Residential

Station : 2487mm



## Linings

- L1: Fibrecement (4.5mm) (7.7 kg/sq.m).  
Battens @ 600mm.
- L2: 10mm plasterboard (7.2 kg/sq.m).  
Direct (nail/screw restraint) @ 600mm.
- L3: Sheet steel (0.48mm) (5.6 kg/sq.m).  
Battens @ 1200mm.

## Timber

- Top Chords 1 / 90x35 MGP10 uno
- Bottom Chords 1 / 90x35 MGP10 uno
- Webs 1 / 90x35 MGP10 uno

## Notes

1. Deflection = permanent load deflection including creep (negative = downward movement).
2. Overhang condition: No fascia.
3. Refer to Pryda Installation Guide for full bracing details.
4. Refer to layout for overall truss bracing.
5. Truss close to gable end: NO

## Major supports and factored reactions

| Joint | Type        | Width | Perm.  | Max. down (LC) | Uplift  | Tie-down                | Connector |
|-------|-------------|-------|--------|----------------|---------|-------------------------|-----------|
| 5     | Truss Chord | 35    | 0.2 kN | 1.0 kN (Gc+Qj) | -0.4 kN | 3/65x2.8 dia Skew Nails | -         |
| 8     | Truss Chord | 35    | 0.2 kN | 1.1 kN (Gc+Qj) | -0.5 kN | 1/MG                    | -         |
| 3     | Wall Ext    | 90    | 0.6 kN | 2.7 kN (Gc+Qj) | -0.5 kN | 1/SB083/30              | -         |

Note: Refer to Truss Connections Report / Producer Statement for fixing details.

# TRUSS DETAILS (DESIGN)

Job Ref: 18RICHMAN

Truss Reference : J4 (Single Truss)

Date created: 02 Sep 2020  
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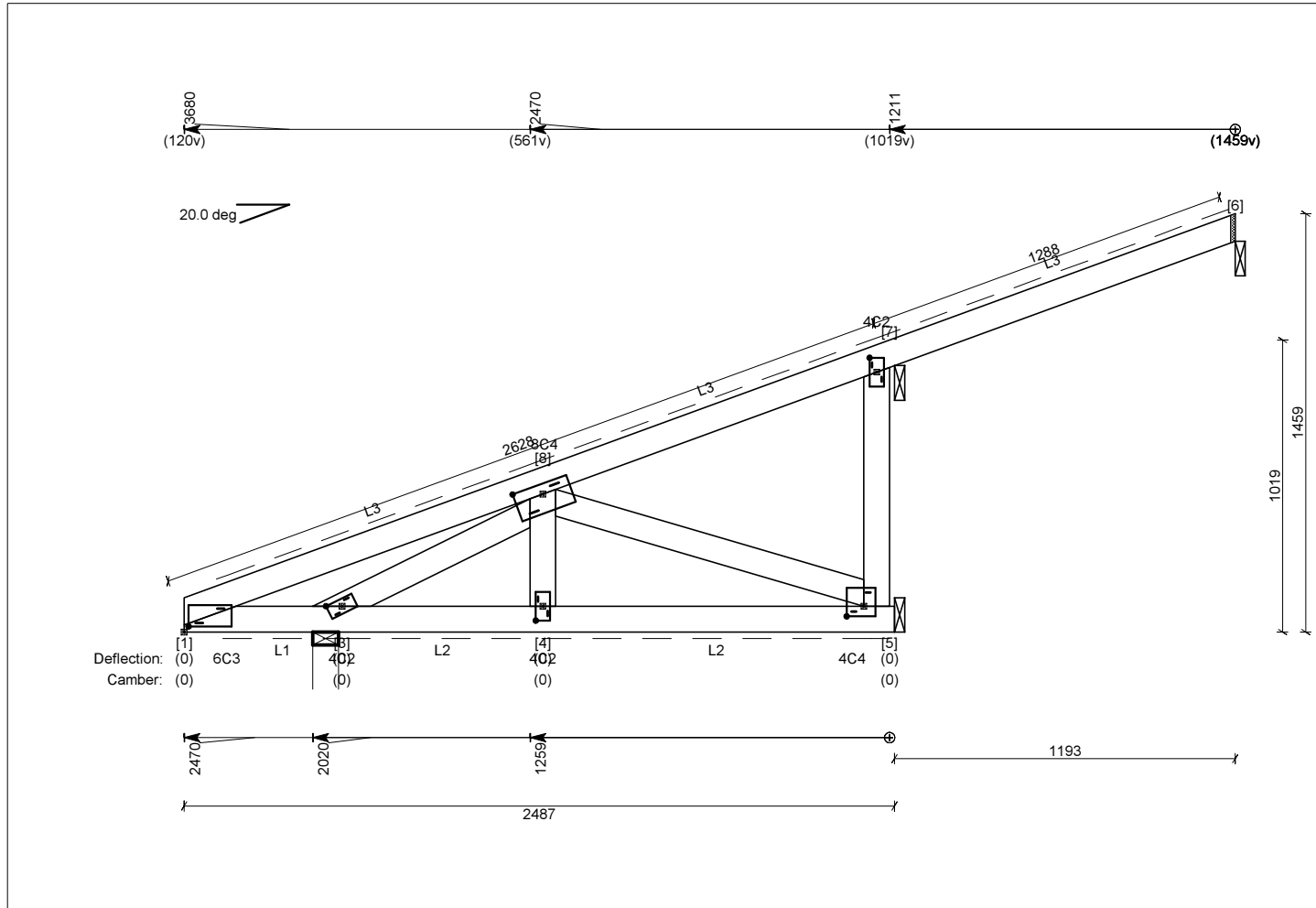
Truss type: Jack  
Building Standard : NCC-2019

No. plies : 1x35mm  
Design spacing : 1200mm  
Structural Category : 1 CPA: 2.38

No. of : 1

Building type: Residential

Station : 2487mm



## Linings

L1: Fibrecement (4.5mm) (7.7 kg/sq.m).  
Battens @ 600mm.  
L2: 10mm plasterboard (7.2 kg/sq.m).  
Direct (nail/screw restraint) @ 600mm.  
L3: Sheet steel (0.48mm) (5.6 kg/sq.m).  
Battens @ 1200mm.

## Timber

Top Chords 1 / 90x35 MGP10 uno  
Bottom Chords 1 / 90x35 MGP10 uno  
Webs 1 / 90x35 MGP10 uno

## Notes

1. Deflection = permanent load deflection including creep (negative = downward movement).
2. Overhang condition: No fascia.
3. Refer to Pryda Installation Guide for full bracing details.
4. Refer to layout for overall truss bracing.
5. Truss close to gable end: NO

## Major supports and factored reactions

| Joint | Type        | Width | Perm.  | Max. down (LC) | Uplift  | Tie-down                | Connector |
|-------|-------------|-------|--------|----------------|---------|-------------------------|-----------|
| 5     | Truss Chord | 35    | 0.3 kN | 1.0 kN (Gc+Qj) | -0.4 kN | 3/65x2.8 dia Skew Nails | -         |
| 7     | Truss Chord | 35    | 0.3 kN | 1.1 kN (Gc+Qj) | -0.5 kN | 1/MG                    | -         |
| 3     | Wall Ext    | 90    | 0.6 kN | 2.7 kN (Gc+Qj) | -0.6 kN | 1/SB083/30              | -         |

Note: Refer to Truss Connections Report / Producer Statement for fixing details.

# TRUSS DETAILS (DESIGN)

Job Ref: 18RICHMAN

Truss Reference : J5 (Single Truss)

Date created: 02 Sep 2020  
Page No: 30

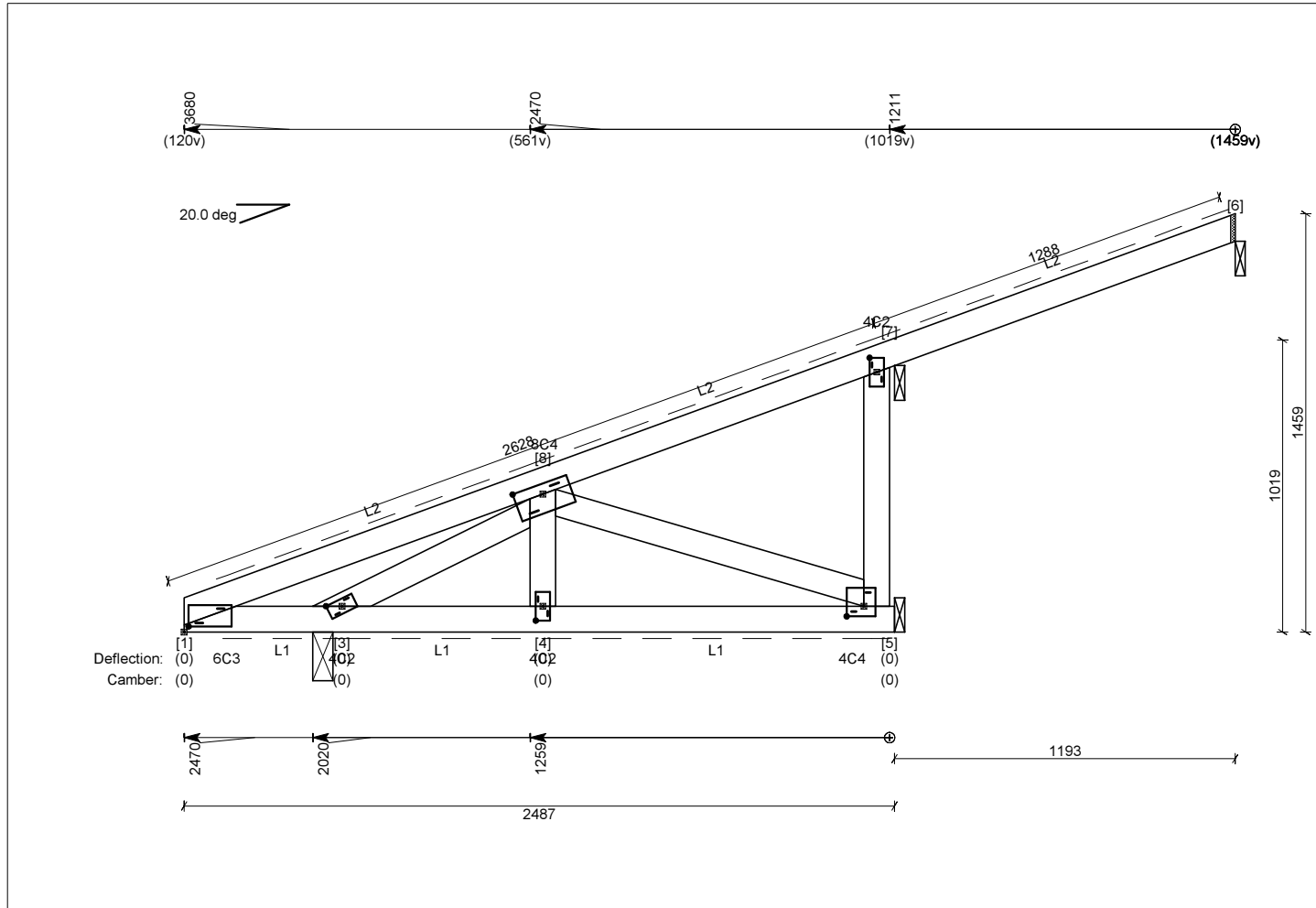
Truss type: Jack  
Building Standard : NCC-2019

No. plies : 1x35mm  
Design spacing : 1200mm  
Structural Category : 1 CPA: 8.83

No. of : 1

Building type: Residential

Station : 2487mm



## Linings

L1: 10mm plasterboard (7.2 kg/sq.m).  
Direct (nail/screw restraint) @ 600mm.  
L2: Sheet steel (0.48mm) (5.6 kg/sq.m).  
Battens @ 1200mm.

## Timber

Top Chords 1 / 90x35 MGP10 uno  
Bottom Chords 1 / 90x35 MGP10 uno  
Webs 1 / 90x35 MGP10 uno

## Notes

1. Deflection = permanent load deflection including creep (negative = downward movement).
2. Overhang condition: No fascia.
3. Refer to Pryda Installation Guide for full bracing details.
4. Refer to layout for overall truss bracing.
5. Truss close to gable end: NO

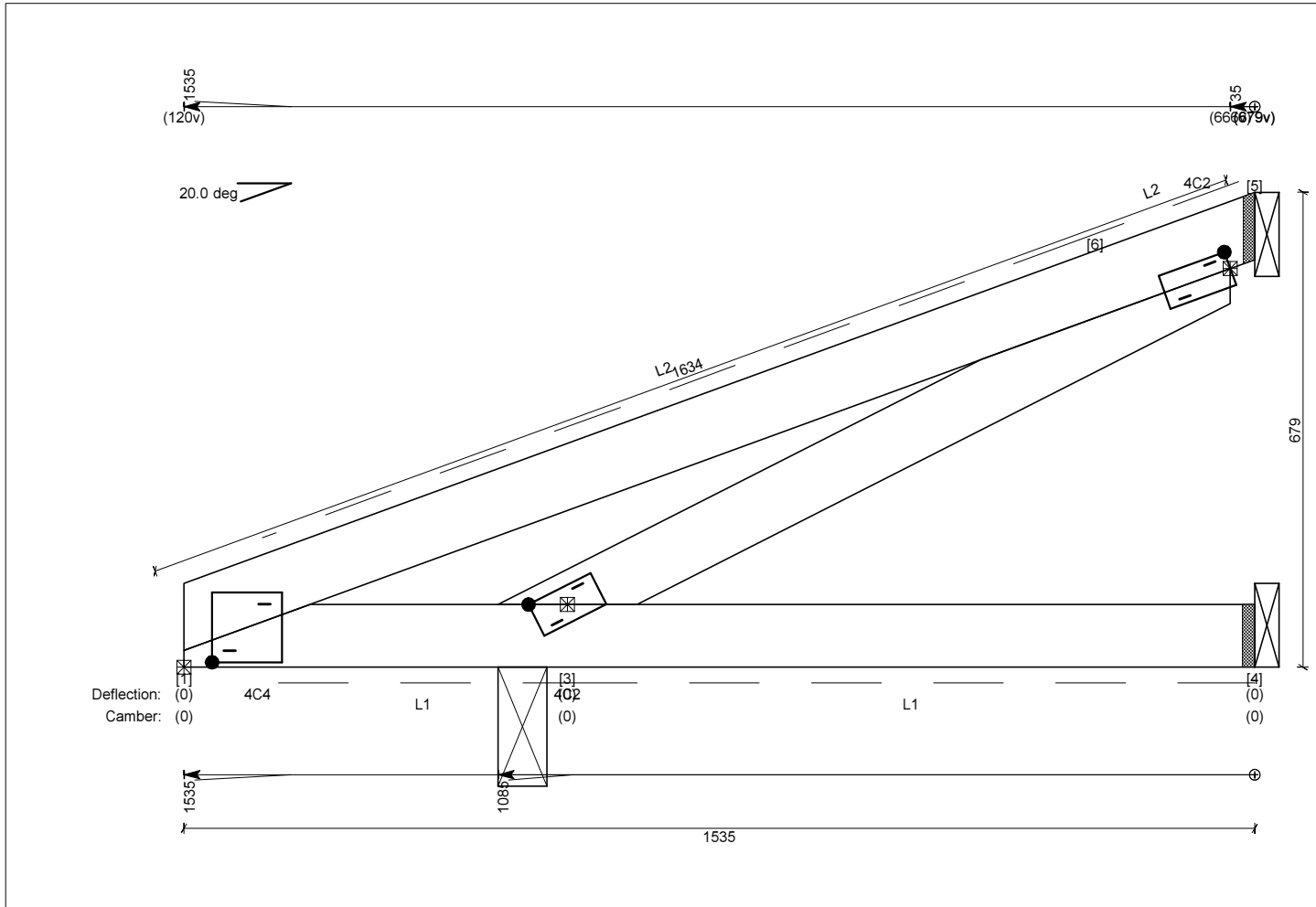
## Major supports and factored reactions

| Joint | Type        | Width | Perm.  | Max. down (LC) | Uplift  | Tie-down                | Connector |
|-------|-------------|-------|--------|----------------|---------|-------------------------|-----------|
| 5     | Truss Chord | 35    | 0.3 kN | 1.0 kN (Gc+Qj) | -0.4 kN | 3/65x2.8 dia Skew Nails | -         |
| 7     | Truss Chord | 35    | 0.3 kN | 1.1 kN (Gc+Qj) | -0.5 kN | 1/MG                    | -         |
| 3     | Beam Int    | 70    | 0.6 kN | 2.7 kN (Gc+Qj) | -0.4 kN | 2/65x2.8 dia Skew Nails | -         |

Note: Refer to Truss Connections Report / Producer Statement for fixing details.

Building type: Residential

Structural Category : 1 CPA: 2.38



## Linings

Battens @ 1200mm.

## Timber

Webs 1 / 90x35 MGP10 uno

## Notes

1. Deflection = permanent load deflection including creep (negative = downward movement).
2. Overhang condition: No fascia.
3. Refer to Pryda Installation Guide for full bracing details.
4. Refer to layout for overall truss bracing.
5. Truss close to gable end: NO

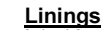
### Major supports and factored reactions

| Joint | Type        | Width | Perm.  | Max. down (LC) | Uplift  | Tie-down                | Connector |
|-------|-------------|-------|--------|----------------|---------|-------------------------|-----------|
| 4     | Truss Chord | 35    | 0.0 kN | 1.3 kN (Gc+Qj) | -0.1 kN | 3/65x2.8 dia Skew Nails | -         |
| 5     | Truss Chord | 35    | 0.0 kN | 1.6 kN (Gc+Qj) | -0.7 kN | 3/65x2.8 dia Skew Nails | -         |
| 3     | Beam Int    | 70    | 0.3 kN | 2.8 kN (Gc+Qj) | -0.3 kN | 2/65x2.8 dia Skew Nails | -         |

Note: Refer to Truss Connections Report / Producer Statement for fixing details.

**Truss Reference : C7 (Single Truss)**

Building type: Residential



## Timber

### Additional Loads

## Notes

1. Deflection – permanent load deflection including creep (negative = downward movement).
2. Overhang condition: No fascia.
3. Refer to Pryda Installation Guide for full bracing details.
4. Refer to layout for overall truss bracing.
5. Truss close to gable end: NO

# DETAIL SHEET - COMPONENT DESIGN - Solid Timber

Ver 4.5.3.36

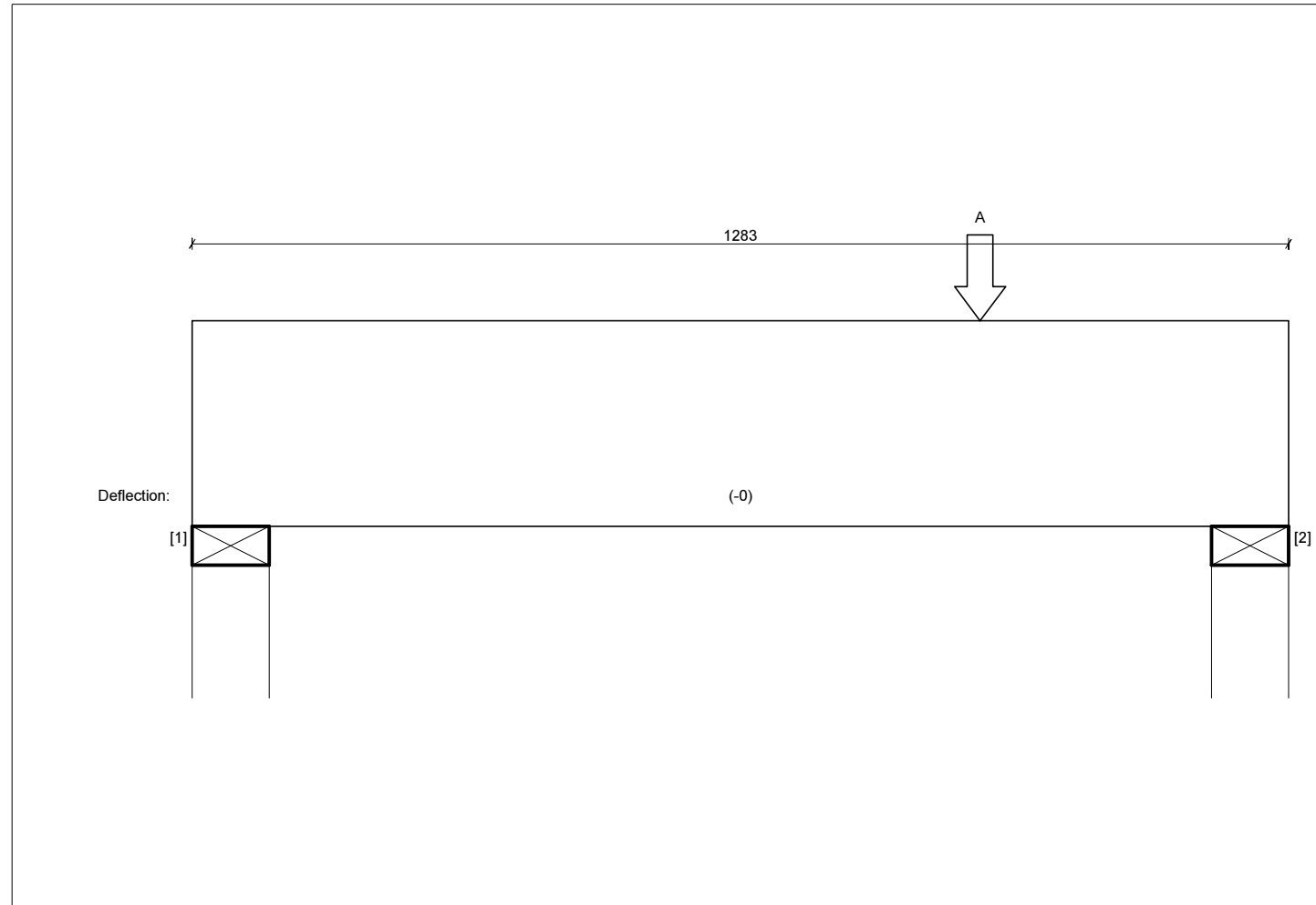
Job Ref: 18RICHMAN

Beam Reference : B1

Date created: 02 Sep 2020

Beam type : Solid Timber  
Building Standard : NCC-2019

No. of : 1  
Structural Category : 2 CPA: 30.55



## Timber components

1 / 240x45 MGP10 beam

## Loads on beam

| ID               | Location<br>x co-ord | Perm<br>G | Imposed<br>Qr | Qf | Wind<br>WuUp | WuDn |
|------------------|----------------------|-----------|---------------|----|--------------|------|
| Point loads (kN) |                      |           |               |    |              |      |
| A                | TS4 (922)            | 1.31      | 1.33          |    | -2.50        | 1.65 |

## Notes

1. Deflection = permanent load deflection including creep (negative = downward movement).

## Major supports and factored reactions

| Joint | Type     | Width | Perm.  | Max. down (LC)  | Uplift  | Tie-down                | Connector |
|-------|----------|-------|--------|-----------------|---------|-------------------------|-----------|
| 1     | Wall Int | 90    | 0.5 kN | 1.3 kN (Gc+Qp)  | -0.3 kN | 2/65x2.8 dia Skew Nails | -         |
| 2     | Wall Int | 90    | 1.3 kN | 2.6 kN (Gc+Q2r) | -0.9 kN | 1/SB083/30              | -         |

Note: Refer to Truss Connections Report / Producer Statement for fixing details.

# TRUSS DETAILS (DESIGN)

Job Ref: 18RICHMAN

Truss Reference : C1 (Single Truss)

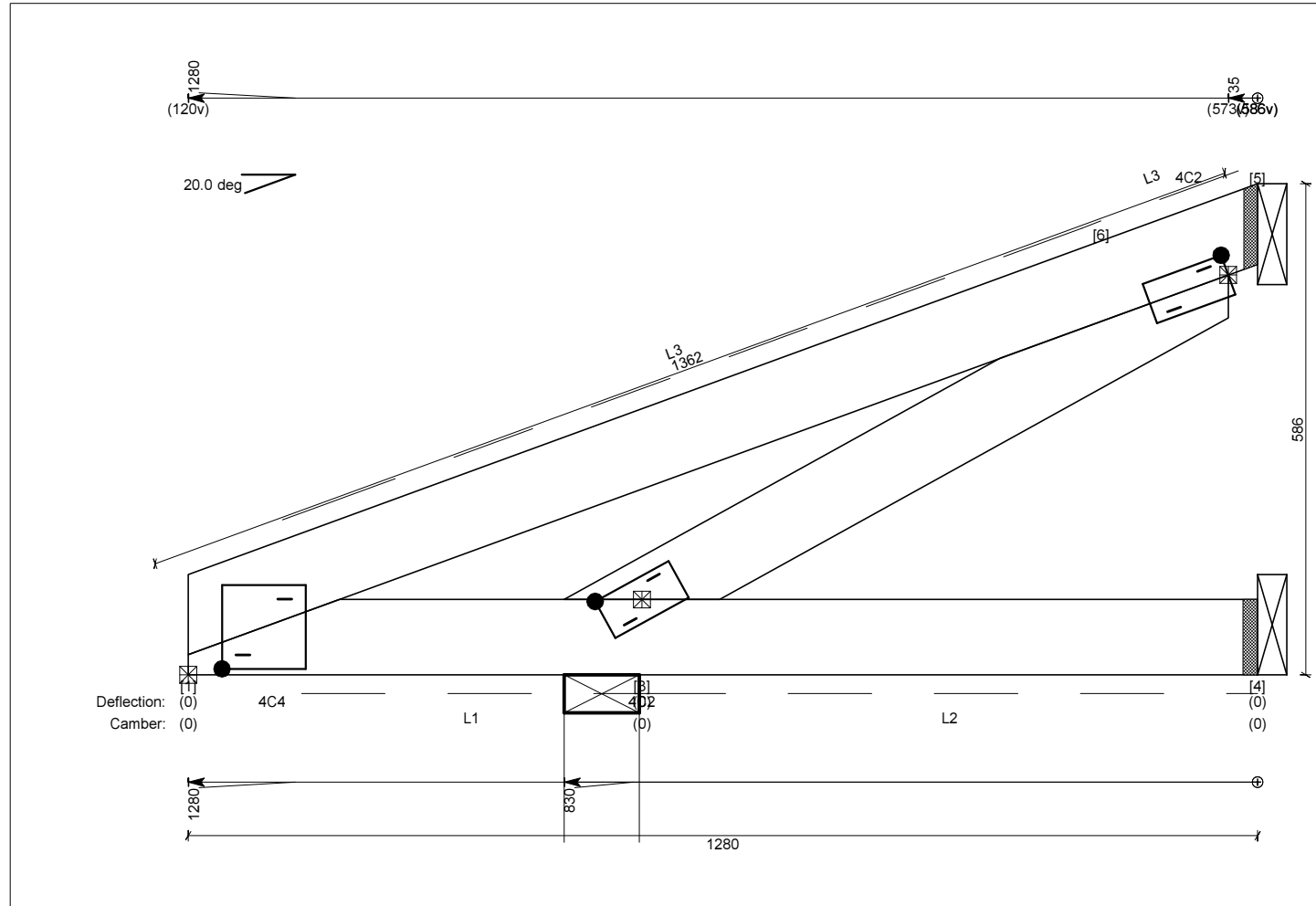
Date created: 02 Sep 2020  
Page No: 34

Truss type: Creeper  
Building Standard : NCC-2019

No. plies : 1x35mm  
Design spacing : 1200mm  
Structural Category : 1 CPA: 2.38

No. of : 2

Building type: Residential



## Linings

L1: Fibrecement (4.5mm) (7.7 kg/sq.m).  
Battens @ 600mm.  
L2: 10mm plasterboard (7.2 kg/sq.m).  
Direct (nail/screw restraint) @ 600mm.  
L3: Sheet steel (0.48mm) (5.6 kg/sq.m).  
Battens @ 1200mm.

## Timber

Top Chords 1 / 90x35 MGP10 uno  
Bottom Chords 1 / 90x35 MGP10 uno  
Webs 1 / 90x35 MGP10 uno

## Notes

1. Deflection = permanent load deflection including creep (negative = downward movement).
2. Overhang condition: No fascia.
3. Refer to Pryda Installation Guide for full bracing details.
4. Refer to layout for overall truss bracing.
5. Truss close to gable end: NO

## Major supports and factored reactions

| Joint | Type        | Width | Perm.  | Max. down (LC) | Uplift  | Tie-down                | Connector |
|-------|-------------|-------|--------|----------------|---------|-------------------------|-----------|
| 4     | Truss Chord | 35    | 0.1 kN | 1.3 kN (Gc+Qj) | -0.2 kN | 3/65x2.8 dia Skew Nails | -         |
| 5     | Truss Chord | 35    | 0.0 kN | 1.5 kN (Gc+Qj) | -0.9 kN | 3/65x2.8 dia Skew Nails | -         |
| 3     | Wall Ext    | 90    | 0.4 kN | 3.2 kN (Gc+Qj) | -0.7 kN | 1/SB083/30              | -         |

Note: Refer to Truss Connections Report / Producer Statement for fixing details.

**Truss Reference : C4 (Single Truss)**

Building type: Residential



L1: Fibrecement (4.5mm) (7.7 kg/sq.m).  
Battens @ 600mm.  
L2: 10mm plasterboard (7.2 kg/sq.m).  
Direct (nail/screw restraint) @ 600mm.  
L3: Sheet steel (0.48mm) (5.6 kg/sq.m).  
Battens @ 1200mm.

## Timber

|               |                     |
|---------------|---------------------|
| Top Chords    | 1 / 90x35 MGP10 uno |
| Bottom Chords | 1 / 90x35 MGP10 uno |
| Webs          | 1 / 90x35 MGP10 uno |

## Notes

1. Deflection = permanent load deflection including creep (negative = downward movement).
2. Overhang condition: No fascia.
3. Refer to Pryda Installation Guide for full bracing details.
4. Refer to layout for overall truss bracing.
5. Truss close to gable end: NO

### Major supports and factored reactions

| Joint | Type        | Width | Perm.   | Max. down (LC) | Uplift  | Tie-down                | Connector |
|-------|-------------|-------|---------|----------------|---------|-------------------------|-----------|
| 4     | Truss Chord | 35    | -0.0 kN | 1.2 kN (Gc+Qj) | -0.5 kN | 3/65x2.8 dia Skew Nails | -         |
| 5     | Truss Chord | 35    | -0.1 kN | 1.3 kN (Gc+Qj) | -1.9 kN | 3/65x2.8 dia Skew Nails | -         |
| 3     | Wall Ext    | 90    | 0.4 kN  | 4.3 kN (Gc+Qj) | -0.8 kN | 1/SB083/30              | -         |

Note: Refer to Truss Connections Report / Producer Statement for fixing details.

# TRUSS DETAILS (DESIGN)

Job Ref: 18RICHMAN

Truss Reference : C5 (Single Truss)

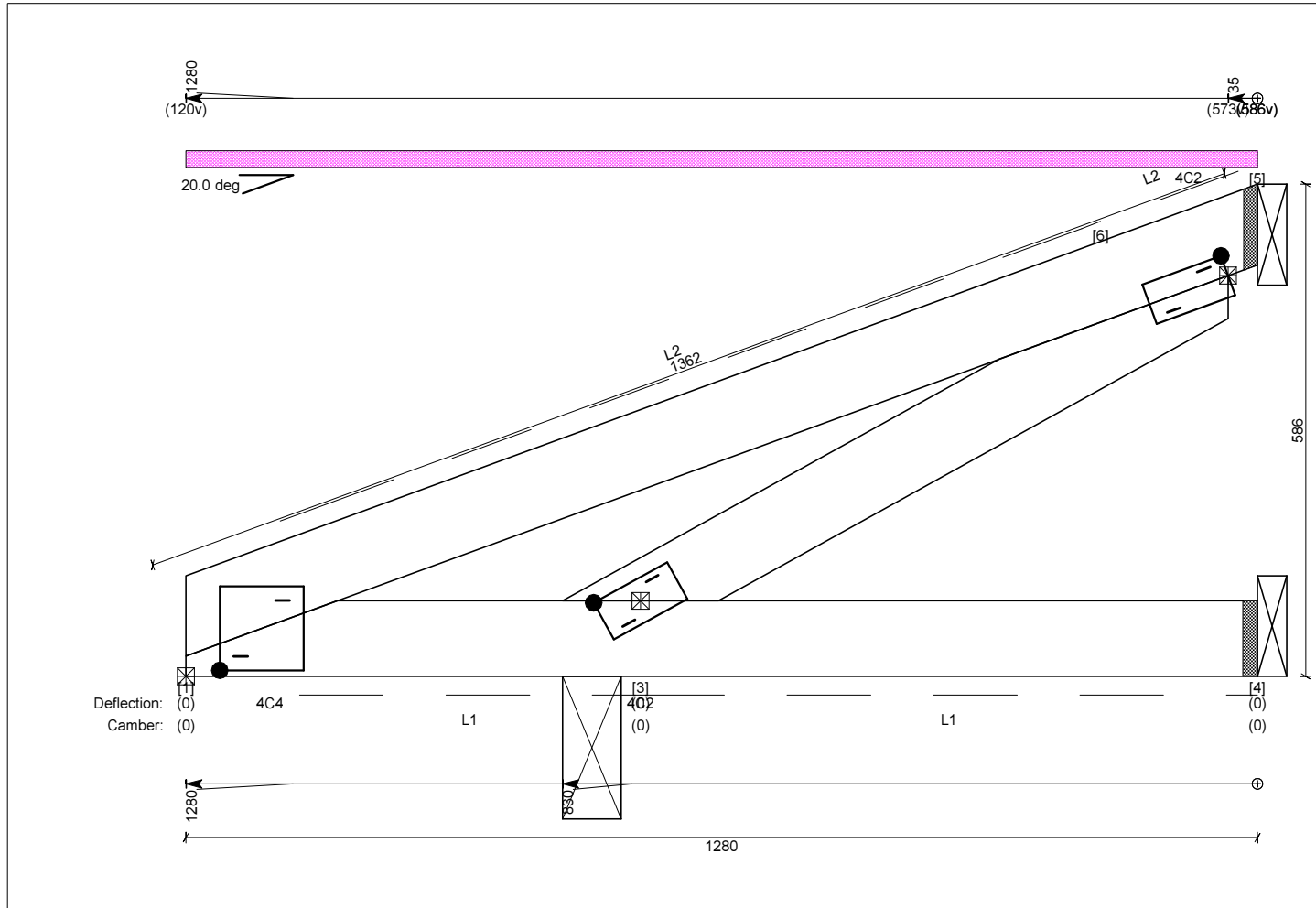
Date created: 02 Sep 2020  
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Truss type: Creeper  
Building Standard : NCC-2019

No. plies : 1x35mm  
Design spacing : 1200mm  
Structural Category : 1 CPA: 4.18

No. of : 1

Building type: Residential



## Linings

L1: 10mm plasterboard (7.2 kg/sq.m).  
Direct (nail/screw restraint) @ 600mm.  
L2: Sheet steel (0.48mm) (5.6 kg/sq.m).  
Battens @ 1200mm.

## Timber

Top Chords 1 / 90x35 MGP10 uno  
Bottom Chords 1 / 90x35 MGP10 uno  
Webs 1 / 90x35 MGP10 uno

## Additional Loads

RLA1: 0-1280 (1280 mm): G=15.0 kg/m2

## Notes

1. Deflection = permanent load deflection including creep (negative = downward movement).
2. Overhang condition: No fascia.
3. Refer to Pryda Installation Guide for full bracing details.
4. Refer to layout for overall truss bracing.
5. Truss close to gable end: NO

## Major supports and factored reactions

| Joint | Type        | Width | Perm.  | Max. down (LC) | Uplift  | Tie-down                | Connector |
|-------|-------------|-------|--------|----------------|---------|-------------------------|-----------|
| 4     | Truss Chord | 35    | 0.0 kN | 1.3 kN (Gc+Qj) | -0.2 kN | 3/65x2.8 dia Skew Nails | -         |
| 5     | Truss Chord | 35    | 0.1 kN | 1.6 kN (Gc+Qj) | -0.8 kN | 3/65x2.8 dia Skew Nails | -         |
| 3     | Beam Int    | 70    | 0.7 kN | 3.4 kN (Gc+Qj) | -0.2 kN | 2/65x2.8 dia Skew Nails | -         |

Note: Refer to Truss Connections Report / Producer Statement for fixing details.

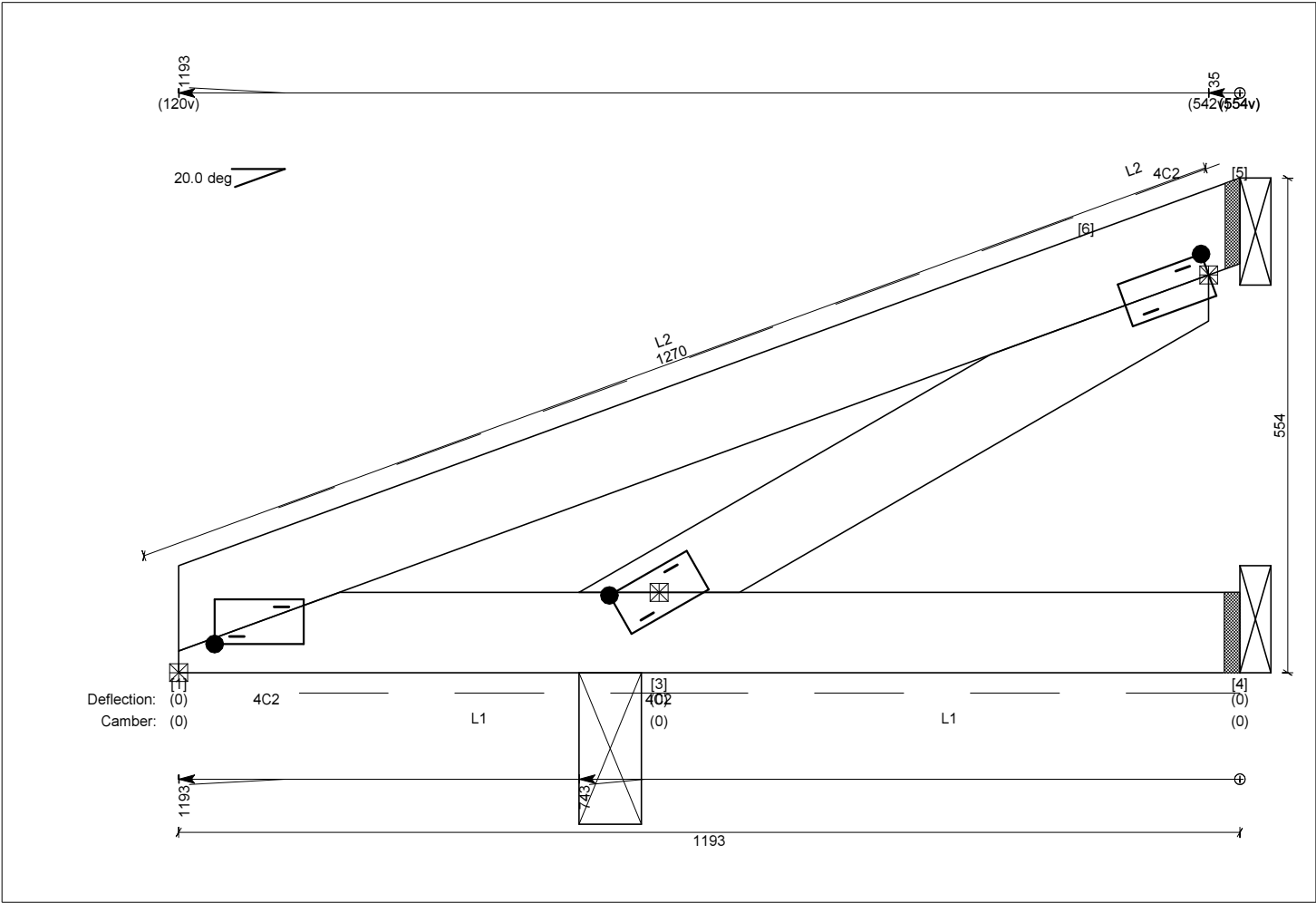
# TRUSS DETAILS (DESIGN)

Job Ref: 18RICHMAN

Truss Reference : C2 (Single Truss)

Date created: 02 Sep 2020  
Page No: 37

Truss type: Creeper  
Building Standard : NCC-2019  
No. plies : 1x35mm  
Design spacing : 771mm  
No. of : 3  
Building type: Residential



**Linings**

L1: 10mm plasterboard (7.2 kg/sq.m).  
Direct (nail/screw restraint) @ 600mm.  
L2: Sheet steel (0.48mm) (5.6 kg/sq.m).  
Battens @ 1200mm.

**Timber**

Top Chords 1 / 90x35 MGP10 uno  
Bottom Chords 1 / 90x35 MGP10 uno  
Webs 1 / 90x35 MGP10 uno

**Notes**

- 1. Deflection = permanent load deflection including creep (negative = downward movement).
- 2. Overhang condition: No fascia.
- 3. Refer to Pryda Installation Guide for full bracing details.
- 4. Refer to layout for overall truss bracing.
- 5. Truss close to gable end: NO

**Major supports and factored reactions**

| Joint | Type        | Width | Perm.  | Max. down (LC) | Uplift  | Tie-down                | Connector |
|-------|-------------|-------|--------|----------------|---------|-------------------------|-----------|
| 4     | Truss Chord | 35    | 0.0 kN | 1.2 kN (Gc+Qj) | -0.2 kN | 3/65x2.8 dia Skew Nails | -         |
| 5     | Truss Chord | 35    | 0.0 kN | 1.5 kN (Gc+Qj) | -1.0 kN | 3/65x2.8 dia Skew Nails | -         |
| 3     | Beam Int    | 70    | 0.3 kN | 3.1 kN (Gc+Qj) | -0.3 kN | 2/65x2.8 dia Skew Nails | -         |

Note: Refer to Truss Connections Report / Producer Statement for fixing details.

# TRUSS DETAILS (DESIGN)

Job Ref: 18RICHMAN

Truss Reference : C6 (Single Truss)

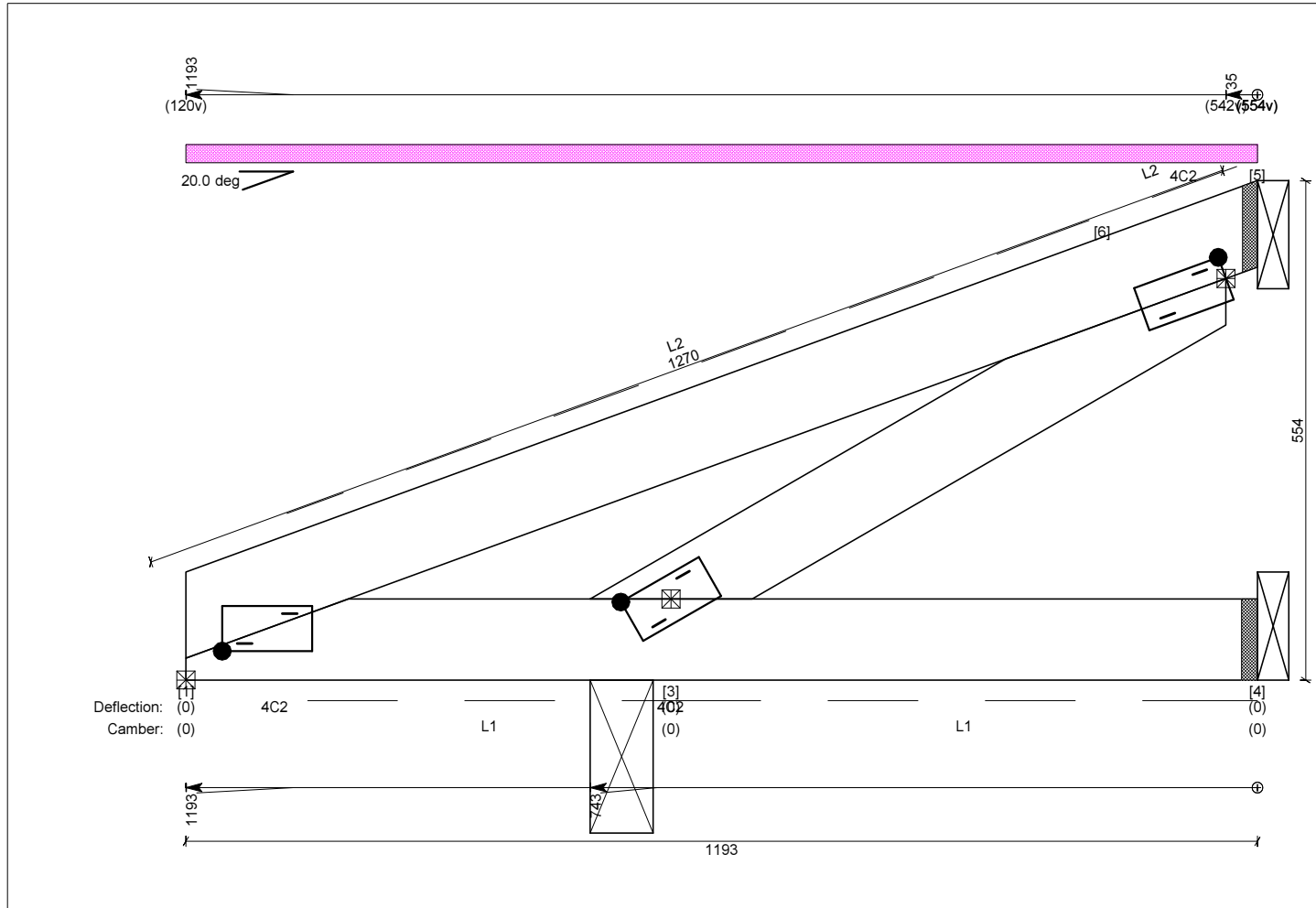
Date created: 02 Sep 2020  
Page No: 38

Truss type: Creeper  
Building Standard : NCC-2019

No. plies : 1x35mm  
Design spacing : 771mm  
Structural Category : 1 CPA: 2.95

No. of : 1

Building type: Residential



## Linings

L1: 10mm plasterboard (7.2 kg/sq.m).  
Direct (nail/screw restraint) @ 600mm.  
L2: Sheet steel (0.48mm) (5.6 kg/sq.m).  
Battens @ 1200mm.

## Timber

Top Chords 1 / 90x35 MGP10 uno  
Bottom Chords 1 / 90x35 MGP10 uno  
Webs 1 / 90x35 MGP10 uno

## Additional Loads

RLA1: 0-1193 (1193 mm): G=15.0 kg/m2

## Notes

1. Deflection = permanent load deflection including creep (negative = downward movement).
2. Overhang condition: No fascia.
3. Refer to Pryda Installation Guide for full bracing details.
4. Refer to layout for overall truss bracing.
5. Truss close to gable end: NO

## Major supports and factored reactions

| Joint | Type        | Width | Perm.  | Max. down (LC) | Uplift  | Tie-down                | Connector |
|-------|-------------|-------|--------|----------------|---------|-------------------------|-----------|
| 4     | Truss Chord | 35    | 0.0 kN | 1.2 kN (Gc+Qj) | -0.2 kN | 3/65x2.8 dia Skew Nails | -         |
| 5     | Truss Chord | 35    | 0.0 kN | 1.5 kN (Gc+Qj) | -1.0 kN | 3/65x2.8 dia Skew Nails | -         |
| 3     | Beam Int    | 70    | 0.4 kN | 3.3 kN (Gc+Qj) | -0.2 kN | 2/65x2.8 dia Skew Nails | -         |

Note: Refer to Truss Connections Report / Producer Statement for fixing details.

TRUSS DETAILS (DESIGN)

Job Ref: 18RICHMAN

Truss Reference : V4 (Single Truss)

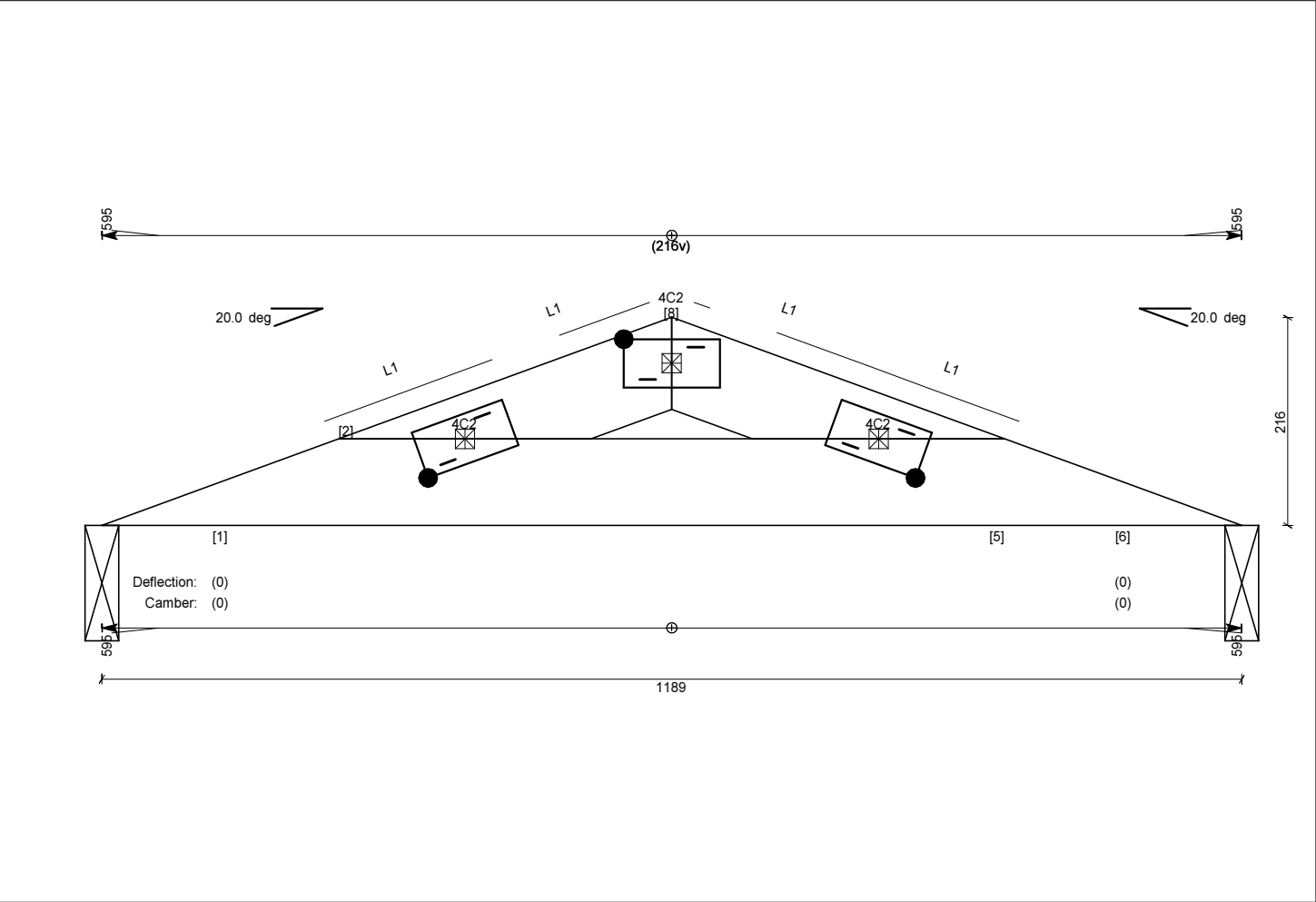
Date created: 02 Sep 2020  
Page No: 39

Truss type: Valley  
Building Standard : NCC-2019

No. plies : 1x35mm  
Design spacing : 1200mm  
Structural Category : 1 CPA: 2.88

No. of : 2  
Building type: Residential

Station : 0mm



**Linings**

L1: Sheet steel (0.48mm) (5.6 kg/sq.m).  
Battens @ 1200mm.

**Timber**

Top Chords 1 / 90x35 MGP10 uno  
Bottom Chords 1 / 90x35 MGP10 uno

**Notes**

1. Deflection = permanent load deflection including creep (negative = downward movement).
2. Overhang condition: No fascia.
3. Refer to Pryda Installation Guide for full bracing details.
4. Refer to layout for overall truss bracing.
5. Truss close to gable end: YES