

TRUSS DETAILS (DESIGN)

Job Ref: 802117s3p1

Truss Reference : S1 (Single truss)

Date created: 07 Feb 2011
Page No: 1

Truss type : Standard

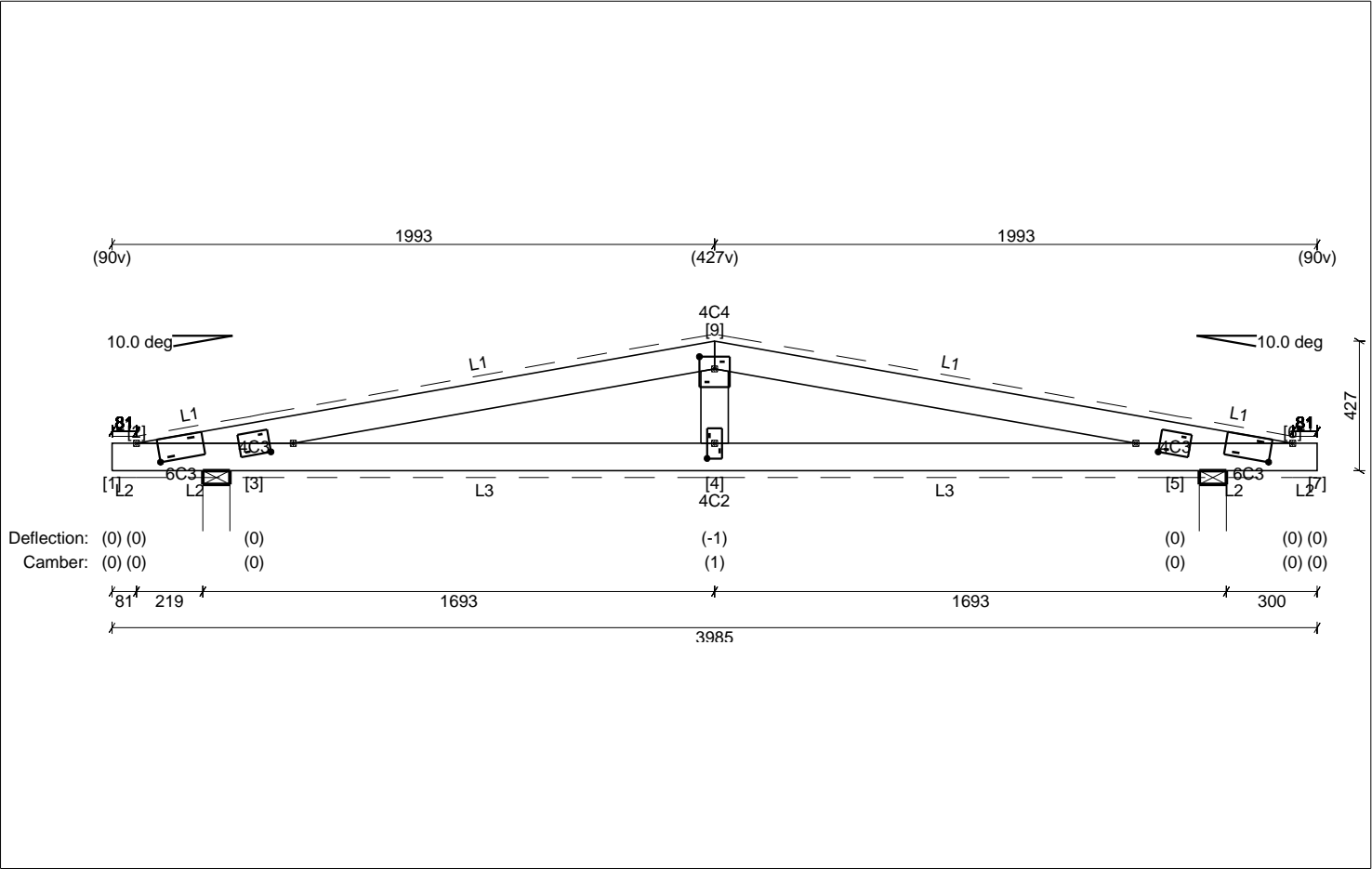
No. plies : 1x35mm

Design spacing : 800mm

No. of : 6

Building Standard : NCC-2012

Structural Category : 1



Linings

- L1: Sheet steel (0.48mm) (5.6 kg/sq.m).
Battens @ 900mm.
- L2: Fibrecement (6mm) (9.5 kg/sq.m).
Battens @ 600mm.
- L3: 13mm plasterboard (8.5 kg/sq.m).
Battens @ 450mm.

Timber

- Top chords 1 / 90x35 MGP10T2 uno
- Bottom chords 1 / 90x35 MGP10T2 uno
- Webs 1 / 90x35 MGP10T2 uno

Notes

- 1. Deflection = permanent load deflection including creep if timber truss.
- 2. Overhang condition: Metal fascia.
- 3. Refer to Pryda Installation Guide for full bracing details.
- 4. Refer to layout for overall truss bracing.

Major supports and factored reactions

Joint	Type	Width	Perm.	Max. down (LC)	Uplift	Tie-down	Connector
5	Wall Ext	90	0.5 kN	1.4 kN (Gc+Q2r)	-1.7 kN	-	-
3	Wall Ext	90	0.5 kN	1.4 kN (Gc+Q2r)	-1.7 kN	-	-

TRUSS DETAILS (DESIGN)

Job Ref: 802117s3p1

Truss Reference : SG1 (Double truss)

Date created: 07 Feb 2017
Page No: 4

Truss type : Standard

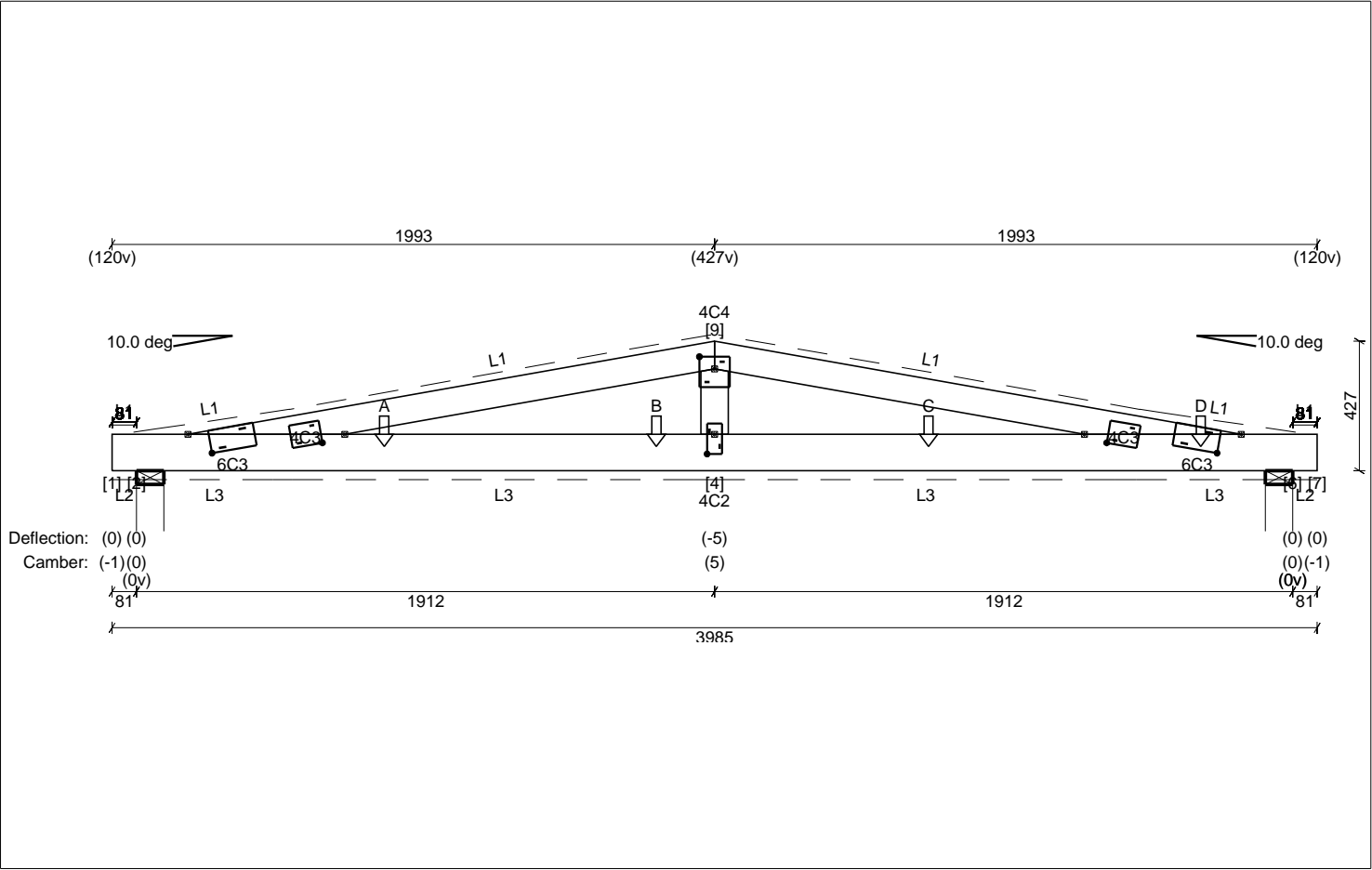
No. plies : 2x35mm

Design spacing : 900mm

No. of : 1

Building Standard : NCC-2012

Structural Category : 2



Linings

- L1: Sheet steel (0.48mm) (5.6 kg/sq.m).
Battens @ 900mm.
- L2: Fibrecement (6mm) (9.5 kg/sq.m).
Battens @ 600mm.
- L3: 13mm plasterboard (8.5 kg/sq.m).
Battens @ 450mm.

Timber

- Top chords 2 / 90x35 MGP10T2 uno
- Bottom chords 2 / 120x35 hySPAN+ T2 uno
- Webs 2 / 90x35 MGP10T2 uno

Supported trusses / Applied point loads

- A : G1 (900) B : G1 (1800)
- C : G1 (2700) D : G1 (3600)
- Note: numbers in brackets denote distance from left of truss.

Notes

- Deflection = permanent load deflection including creep if timber truss.
- Overhang condition: Metal fascia.
- Refer to Pryda Installation Guide for full bracing details.
- Refer to layout for overall truss bracing.

Major supports and factored reactions

Joint	Type	Width	Perm.	Max. down (LC)	Uplift	Tie-down	Connector
6	Wall Ext	90	4.2 kN	8.4 kN (Gc+Q2r)	-6.6 kN	-	-
2	Wall Ext	90	3.3 kN	6.7 kN (Gc+Q2r)	-5.4 kN	-	-

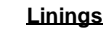
Fixings

Double truss - Fix plies with 65 x 2.8 dia nails at 250 crs (staggered) in chords and webs (1 row for timber widths up to 100mm, 2 rows up to 200mm, otherwise 3 rows).

Truss Reference : S2 (Single truss)

No. of : 5

Structural Category : 1



Battens @ 450mm.

1 / 90x35 MGP10T2 uno

1 / 120x35 hySPAN+ T2

4. Refer to layout for overall truss bracing.

Major supports and factored reactions

Joint	Type	Width	Perm.	Max. down (LC)	Uplift	Tie-down	Connector
7	Truss Chord	35	0.4 kN	1.0 kN (Gc+Q2r)	-1.0 kN	-	-
3	Wall Ext	90	0.5 kN	1.5 kN (Gc+Q2r)	-2.0 kN	-	-