

TRUSS DETAILS (DESIGN)

Job Ref: 16-1021

Truss Reference : N1 (Single Truss)

Date created: 29 May 2017

Page No: 1

Truss type: Non Standard
Building Standard : NCC-2015

No. plies : 1x35mm
Structural Category : 1

Design spacing : 900mm

No. of : 1

Building type: Residential (Importance Level 2)

Linings

L1: 10mm plasterboard (7.2 kg/sq.m).
Battens @ 600mm.
L2: 75mm Hebel SoundFloor (51.0 kg/sq.m).
Direct (nail/screw restraint) @ 600mm.
L3: Sheet steel (0.48mm) (5.6 kg/sq.m).
Battens @ 1200mm.
L4: Nil (0.0 kg/sq.m).
Lateral tie restraints @ 1800mm.

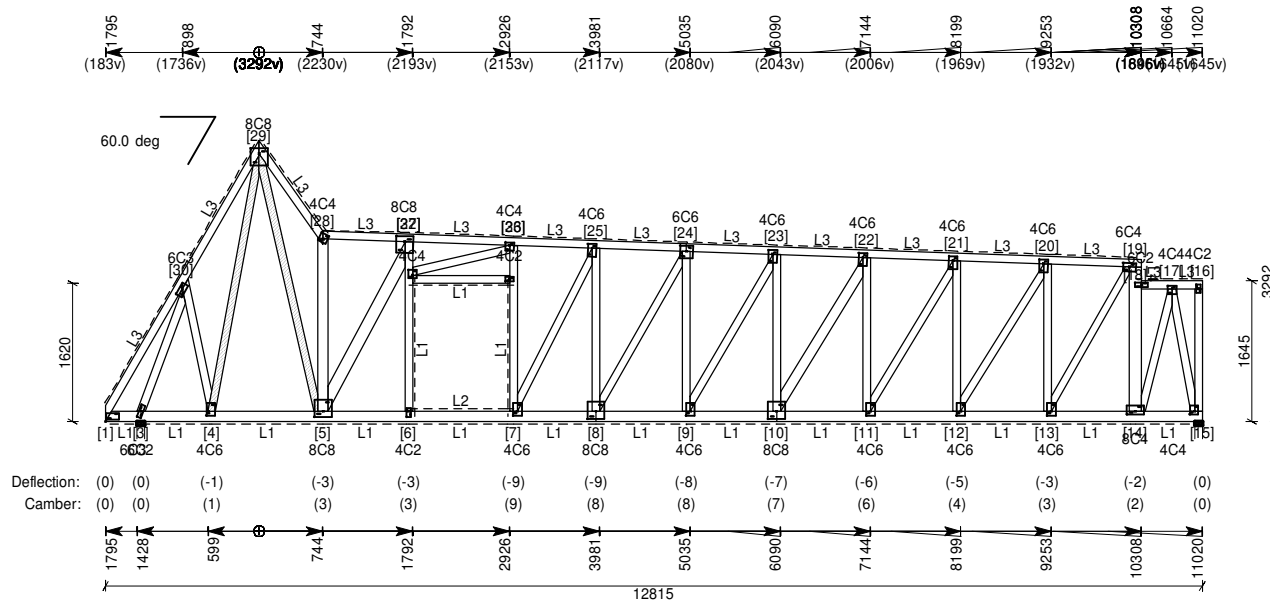
Timber

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

TC1 (16-18) 1 / 90x35 MGP10
TC2 (14-19) 1 / 140x35 MGP10
IBC1 (32-33) 1 / 90x35 MGP10
WB6 (4-29) 1 / 90x35 MGP10 + 1 Scab
WB7 (5-29) 1 / 90x35 MGP12 + 1 Scab
WB8 (5-28) 1 / 120x35 hySPAN+
WB9 (5-27) 1 / 140x35 MGP10
WB17 (10-22) 1 / 120x35 hySPAN+

Notes

1. Deflection = permanent load deflection including creep (negative = downward movement).
2. Overhang condition: Metal 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
15	Wall Int	90	2.5 kN	7.7 kN (Gc+Wd3)	-4.7 kN	1/SB083/30	-
3	Wall Int	90	3.4 kN	8.7 kN (Gc+Wd3)	-4.2 kN	1/SB083/30	-

Fixings

Fixing of Scabs - Use 1 rows of 2.8 dia x 65 nails at 250 c/c to fix scabs on WB6 (4-29)
Fixing of Scabs - Use 1 rows of 2.8 dia x 65 nails at 250 c/c to fix scabs on WB7 (5-29)

TRUSS DETAILS (DESIGN)

Ver 4.3.3.107

Job Ref: 16-1021

Truss Reference : N3 (Single Truss)

Date created: 29 May 2017

Page No: 2

Truss type: Non Standard
Building Standard : NCC-2015

No. plies : 1x35mm
Structural Category : 1

Design spacing : 900mm

No. of : 3

Building type: Residential (Importance Level 2)

Linings

L1: 10mm plasterboard (7.2 kg/sq.m).
Battens @ 600mm.
L2: 75mm Hebel SoundFloor (51.0 kg/sq.m).
Direct (nail/screw restraint) @ 600mm.
L3: Sheet steel (0.48mm) (5.6 kg/sq.m).
Battens @ 1200mm.
L4: Nil (0.0 kg/sq.m).
Lateral tie restraints @ 1800mm.

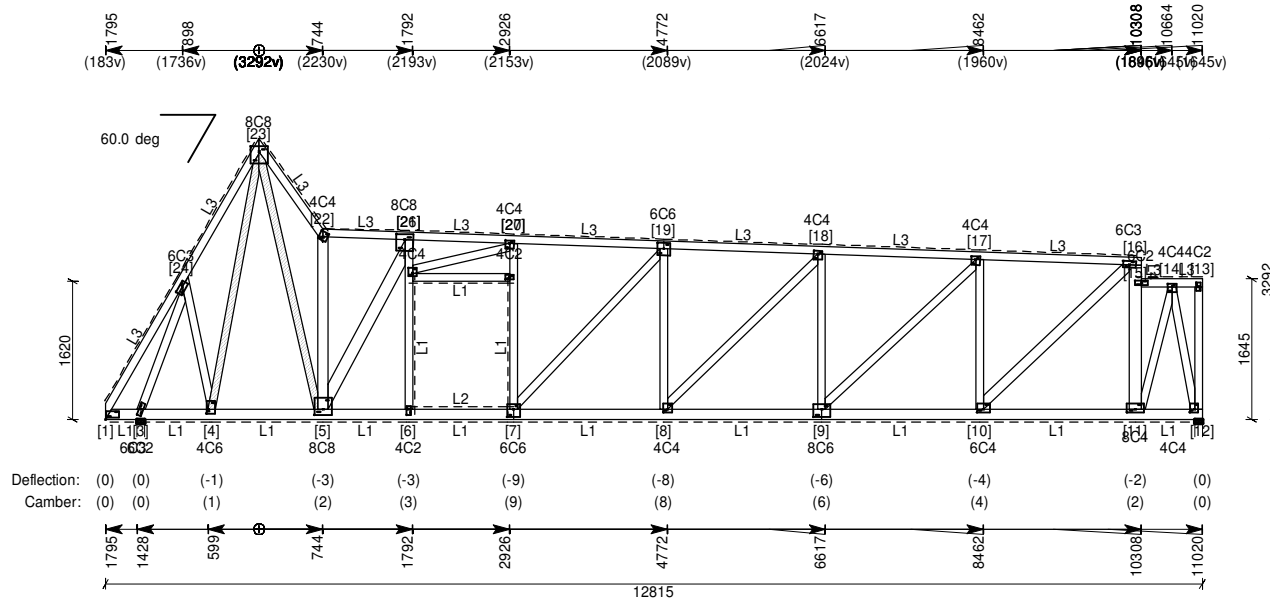
Timber

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

TC1 (13-15) 1 / 90x35 MGP10
TC2 (11-16) 1 / 140x35 MGP10
IBC1 (26-27) 1 / 90x35 MGP10
WB6 (4-23) 1 / 90x35 MGP10 + 1 Scab
WB7 (5-23) 1 / 90x35 MGP12 + 1 Scab
WB8 (5-22) 1 / 120x35 hySPAN+
WB9 (5-21) 1 / 140x35 MGP10
WB17 (10-16) 1 / 120x35 hySPAN+

Notes

1. Deflection = permanent load deflection including creep (negative = downward movement).
2. Overhang condition: Metal 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
12	Wall Int	90	2.4 kN	7.6 kN (Gc+Wd3)	-4.7 kN	1/SB083/30	-
3	Wall Int	90	3.4 kN	8.7 kN (Gc+Wd3)	-4.3 kN	1/SB083/30	-

Fixings

Fixing of Scabs - Use 1 rows of 2.8 dia x 65 nails at 250 c/c to fix scabs on WB6 (4-23)
Fixing of Scabs - Use 1 rows of 2.8 dia x 65 nails at 250 c/c to fix scabs on WB7 (5-23)

TRUSS DETAILS (DESIGN)

Job Ref: 16-1021

Truss Reference : N5 (Double Truss)

Date created: 29 May 2017

Page No: 3

Truss type: Non Standard
Building Standard : NCC-2015

No. plies : 2x35mm
Structural Category : 1

Design spacing : 900mm

No. of : 1

Building type: Residential (Importance Level 2)

Linings

L1: 10mm plasterboard (7.2 kg/sq.m).
Battens @ 600mm.
L2: 75mm Hebel SoundFloor (51.0 kg/sq.m).
Direct (nail/screw restraint) @ 600mm.
L3: Sheet steel (0.48mm) (5.6 kg/sq.m).
Battens @ 1200mm.
L4: Nil (0.0 kg/sq.m).
Lateral tie restraints @ 1800mm.

Timber

Top Chords 2 / 90x35 hySPAN+ uno
Bottom Chords 2 / 120x35 hySPAN+ uno
Webs 2 / 90x35 MGP10 uno

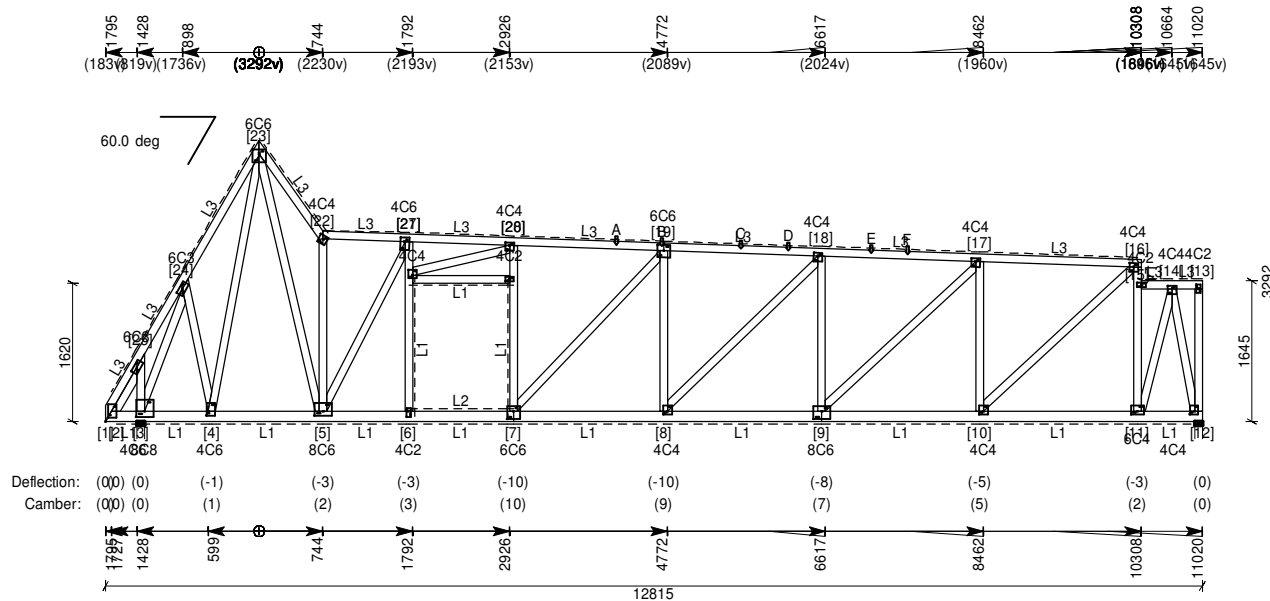
TC1 (13-15) 2 / 90x35 MGP10
TC2 (11-16) 2 / 90x35 MGP10
IBC1 (27-28) 2 / 90x35 MGP10

Supported trusses / Applied point loads

A: App'd (Gc=0.50kN) (5968) B: App'd (Gc=0.50kN) (6497)
C: App'd (Gc=0.50kN) (7422) D: App'd (Gc=0.50kN) (7978)
E: App'd (Gc=0.50kN) (8944) F: App'd (Gc=0.50kN) (9370)
Note: numbers in brackets denote distance from left of truss.

Notes

1. Deflection = permanent load deflection including creep (negative = downward movement).
2. Overhang condition: Metal fascia.
3. Refer to Pryda Installation Guide for full bracing details.
4. Refer to layout for overall truss bracing.
5. Refer to Design Report for Applied point loads other than G.
6. Truss close to gable end: YES



Major supports and factored reactions

Joint	Type	Width	Perm.	Max. down (LC)	Uplift	Tie-down	Connector
12	Wall Int	90	4.8 kN	9.7 kN (Gc+Wd3)	-3.1 kN	1/SB083/30	-
3	Wall Int	90	5.4 kN	10.5 kN (Gc+Wd3)	-3.0 kN	1/SB083/30	-

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 DETAILS (DESIGN)

Ver 4.3.3.107

Job Ref: 16-1021

Truss Reference : N6 (Single Truss)

Date created: 29 May 2017

Page No: 4

Truss type: Non Standard
Building Standard : NCC-2015

No. plies : 1x35mm
Structural Category : 1

Design spacing : 900mm

No. of : 1

Building type: Residential (Importance Level 2)

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: Nil (0.0 kg/sq.m).
Lateral tie restraints @ 1800mm.

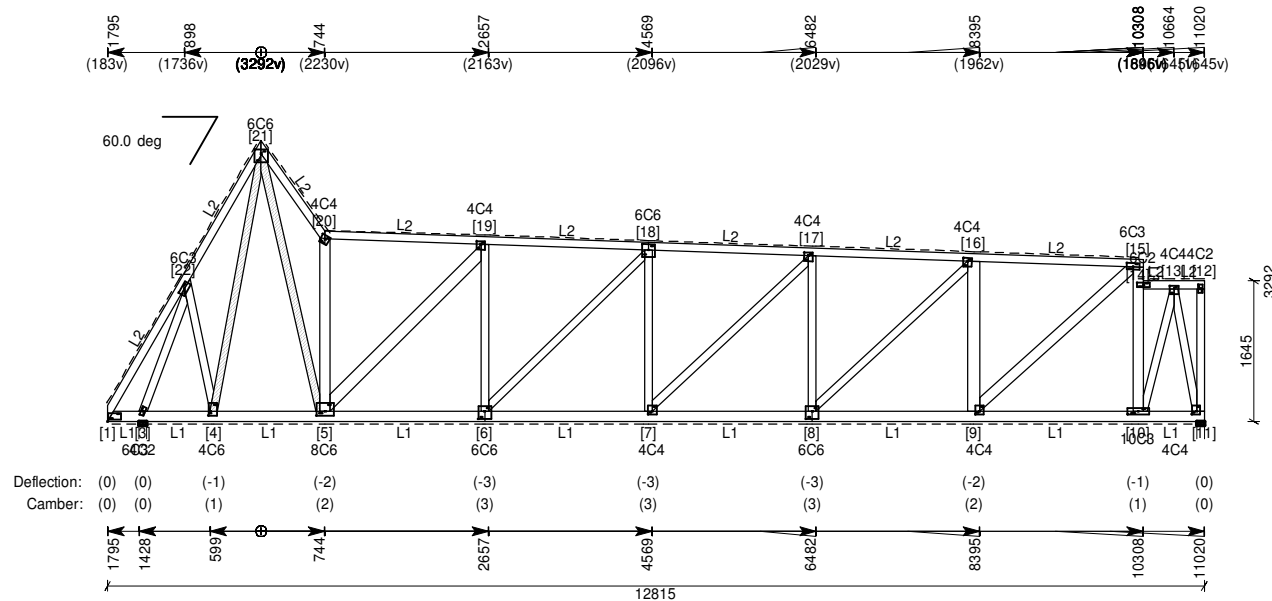
Timber

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

TC1 (12-14) 1 / 90x35 MGP10
TC2 (10-15) 1 / 120x35 MGP10
WB4 (4-21) 1 / 90x35 MGP10 + 1 Scab
WB5 (5-21) 1 / 90x35 MGP12 + 1 Scab
WB6 (5-20) 1 / 120x35 hySPAN+
WB7 (5-19) 1 / 140x35 MGP10
WB14 (9-16) 1 / 140x35 MGP10
WB15 (9-15) 1 / 120x35 MGP10

Notes

1. Deflection = permanent load deflection including creep (negative = downward movement).
2. Overhang condition: Metal 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
11	Wall Int	90	2.1 kN	5.8 kN (Gc+Wd3)	-4.9 kN	1/SB083/30	-
3	Wall Int	90	2.7 kN	6.5 kN (Gc+Wd3)	-4.7 kN	1/SB083/30	-

Fixings

Fixing of Scabs - Use 1 rows of 2.8 dia x 65 nails at 250 c/c to fix scabs on WB4 (4-21)
Fixing of Scabs - Use 1 rows of 2.8 dia x 65 nails at 250 c/c to fix scabs on WB5 (5-21)

Building type: Residential (Importance Level 2)

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 DETAILS (DESIGN)

Job Ref: 16-1021

Truss Reference : NG5 (Double Truss)

Date created: 29 May 2017

Page No: 6

Truss type: Non Standard
Building Standard : NCC-2015

No. plies : 2x35mm
Structural Category : 2

Design spacing : 900mm

No. of : 1

Building type: Residential (Importance Level 2)

Linings

- L1: 10mm plasterboard (7.2 kg/sq.m).
Battens @ 600mm.
L2: 75mm Hebel SoundFloor (51.0 kg/sq.m).
Direct (nail/screw restraint) @ 600mm.
L3: Sheet steel (0.48mm) (5.6 kg/sq.m).
Battens @ 1200mm.
L4: Nil (0.0 kg/sq.m).
Lateral tie restraints @ 1800mm.

Timber

- Top Chords 2 / 90x35 hySPAN+ uno
Bottom Chords 2 / 120x35 hySPAN+ uno
Webs 2 / 90x35 MGP10 uno

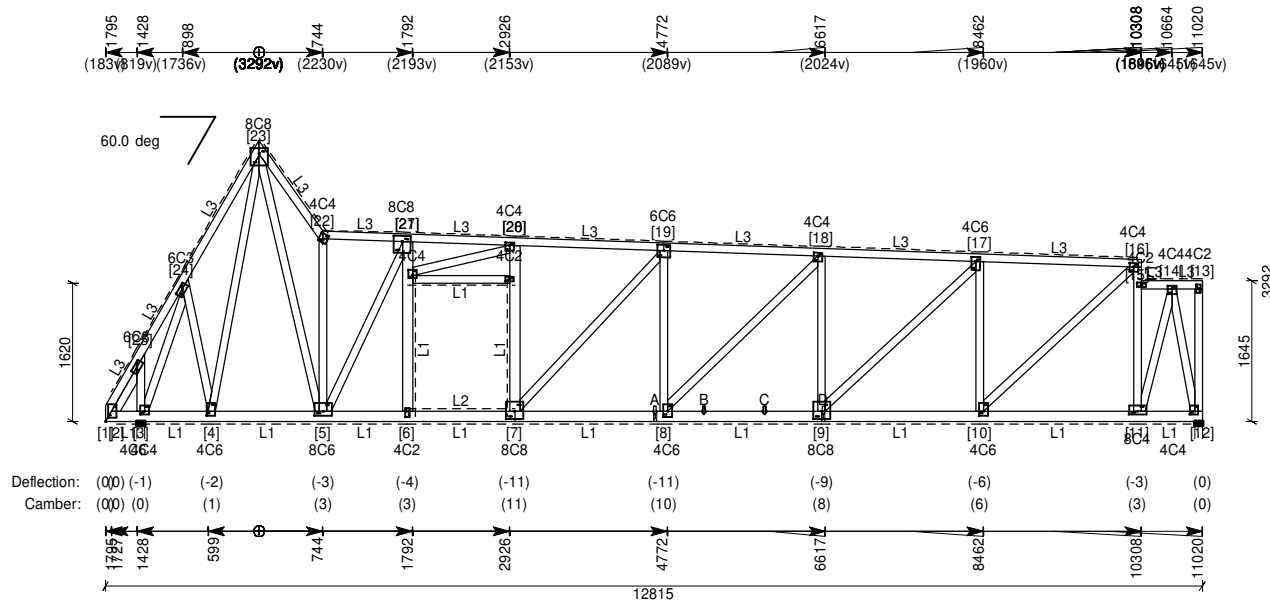
- TC1 (13-15) 2 / 90x35 MGP10
TC2 (11-16) 2 / 90x35 MGP12
IBC1 (27-28) 2 / 90x35 MGP10
WB2 (6-21) 2 / 120x35 hySPAN+
WB3 (7-20) 2 / 120x35 hySPAN+
WB7 (5-23) 2 / 90x35 MGP12

Supported trusses / Applied point loads

- A: PCG2 (6418) B: App'd (Gc=0.35kN) (6993)
C: App'd (Gc=0.35kN) (7701) D: PCG3 (8383)
Note: numbers in brackets denote distance from left of truss.

Notes

1. Deflection = permanent load deflection including creep (negative = downward movement).
2. Overhang condition: Metal fascia.
3. Refer to Pryda Installation Guide for full bracing details.
4. Refer to layout for overall truss bracing.
5. Refer to Design Report for Applied point loads other than G.
6. Truss close to gable end: YES



Major supports and factored reactions

Joint	Type	Width	Perm.	Max. down (LC)	Uplift	Tie-down	Connector
12	Wall Int	90	5.9 kN	10.6 kN (Gc+Wd3)	-7.8 kN	2/SB083/30	-
3	Wall Int	90	6.4 kN	11.4 kN (Gc+Wd3)	-6.5 kN	2/SB083/30	-

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 DETAILS (DESIGN)

Job Ref: 16-1021

Truss Reference : NG8 (Double Truss)

Date created: 29 May 2017

Page No: 7

Truss type: Non Standard
Building Standard : NCC-2015

No. plies : 2x35mm
Structural Category : 2

Design spacing : 900mm

No. of : 1

Building type: Residential (Importance Level 2)

Linings

L1: 10mm plasterboard (7.2 kg/sq.m).

Battens @ 600mm.

L2: 75mm Hebel SoundFloor (51.0 kg/sq.m).

Direct (nail/screw restraint) @ 600mm.

L3: Sheet steel (0.48mm) (5.6 kg/sq.m).

Battens @ 1200mm.

L4: Nil (0.0 kg/sq.m).

Lateral tie restraints @ 1800mm.

Timber

Top Chords 2 / 90x35 hySPAN+ uno

Bottom Chords 2 / 120x35 hySPAN+ uno

Webs 2 / 90x35 MGP10 uno

TC1 (13-15) 2 / 90x35 MGP10

TC2 (11-16) 2 / 120x35 MGP10

IBC1 (27-28) 2 / 90x35 MGP10

WB2 (6-21) 2 / 120x35 hySPAN+

WB3 (7-20) 2 / 120x35 hySPAN+

WB4 (3-24) 2 / 90x35 MGP12

WB6 (4-23) 2 / 90x35 MGP12

WB7 (5-23) 2 / 90x35 MGP12

WB9 (5-21) 2 / 90x35 MGP12

WB18 (11-14) 2 / 90x35 MGP12

Supported trusses / Applied point loads

A: App'd (Gc=0.60kN) (6012) B: App'd (Gc=0.60kN) (6413)

C: PCG5 (6417) D: App'd (Gc=0.35kN) (7068)

E: App'd (Gc=0.60kN) (7401) F: App'd (Gc=0.35kN) (7883)

G: App'd (Gc=0.60kN) (8090) H: PCG4 (8383)

I: App'd (Gc=0.60kN) (8893) J: App'd (Gc=0.60kN) (9049)

K: App'd (Gc=0.60kN) (9574)

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

Notes

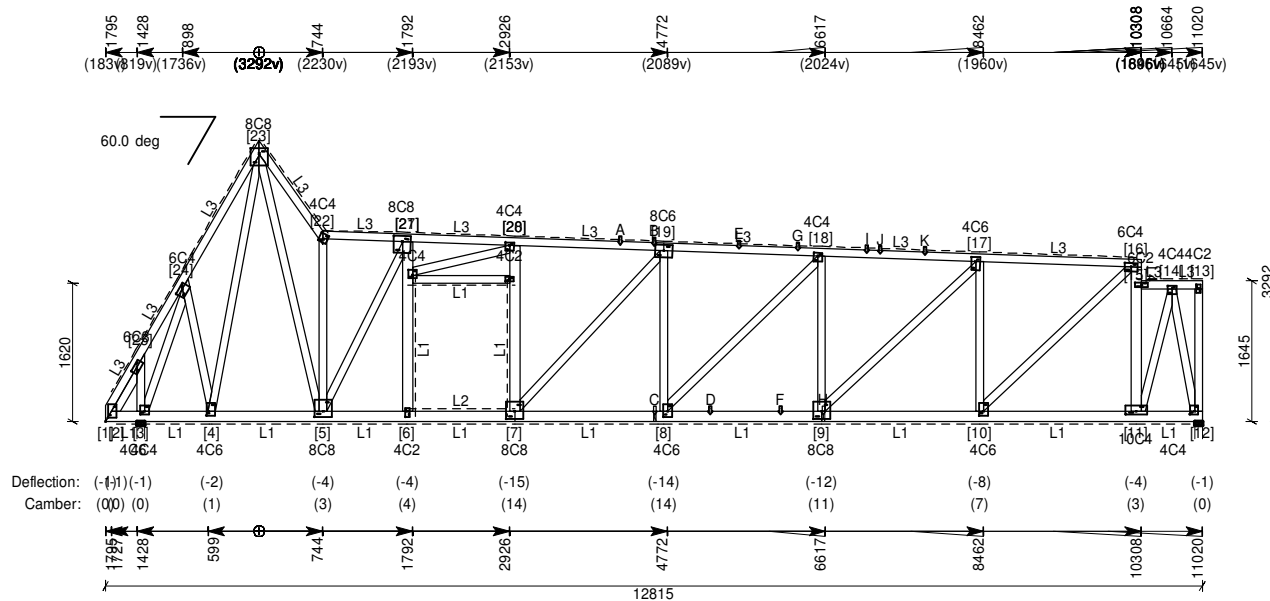
1. Deflection = permanent load deflection including creep (negative = downward movement).
2. Overhang condition: Metal fascia.
3. Refer to Pryda Installation Guide for full bracing details.
4. Refer to layout for overall truss bracing.
5. Refer to Design Report for Applied point loads other than G.
6. Truss close to gable end: YES

Major supports and factored reactions

Joint	Type	Width	Perm.	Max. down (LC)	Uplift	Tie-down	Connector
12	Wall Int	90	8.0 kN	12.6 kN (Gc+Wd3)	-6.4 kN	1/SB083/30	-
3	Wall Int	90	7.9 kN	12.7 kN (Gc+Wd3)	-5.5 kN	1/SB083/30	-

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 DETAILS (DESIGN)

Job Ref: 16-1021

Truss Reference : NG9 (Double Truss)

Date created: 29 May 2017

Page No: 8

Truss type: Non Standard
Building Standard : NCC-2015

No. plies : 2x35mm
Structural Category : 2

Design spacing : 900mm

No. of : 1

Building type: Residential (Importance Level 2)

Linings

L1: 10mm plasterboard (7.2 kg/sq.m).
Battens @ 600mm.
L2: 75mm Hebel SoundFloor (51.0 kg/sq.m).
Direct (nail/screw restraint) @ 600mm.
L3: Sheet steel (0.48mm) (5.6 kg/sq.m).
Battens @ 1200mm.
L4: Nil (0.0 kg/sq.m).
Lateral tie restraints @ 1800mm.

Timber

Top Chords 2 / 90x35 hySPAN+ uno
Bottom Chords 2 / 120x35 hySPAN+ uno
Webs 2 / 90x35 MGP10 uno

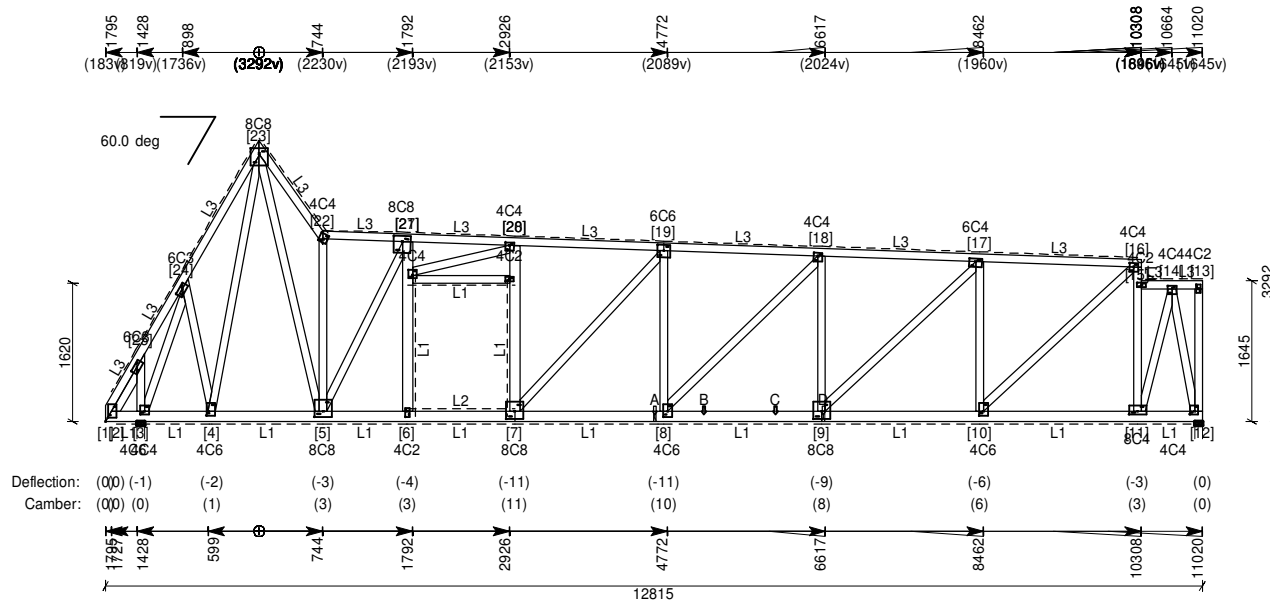
TC1 (13-15) 2 / 90x35 MGP10
TC2 (11-16) 2 / 90x35 MGP12
IBC1 (27-28) 2 / 90x35 MGP10
WB2 (6-21) 2 / 120x35 hySPAN+
WB3 (7-20) 2 / 120x35 hySPAN+
WB7 (5-23) 2 / 90x35 MGP12

Supported trusses / Applied point loads

A: PCG5 (6417) B: App'd (Gc=0.30kN) (6990)
C: App'd (Gc=0.35kN) (7827) D: PCG4 (8383)
Note: numbers in brackets denote distance from left of truss.

Notes

1. Deflection = permanent load deflection including creep (negative = downward movement).
2. Overhang condition: Metal fascia.
3. Refer to Pryda Installation Guide for full bracing details.
4. Refer to layout for overall truss bracing.
5. Refer to Design Report for Applied point loads other than G.
6. Truss close to gable end: YES



Major supports and factored reactions

Joint	Type	Width	Perm.	Max. down (LC)	Uplift	Tie-down	Connector
12	Wall Int	90	5.8 kN	10.6 kN (Gc+Wd3)	-7.8 kN	2/SB083/30	-
3	Wall Int	90	6.4 kN	11.4 kN (Gc+Wd3)	-6.5 kN	2/SB083/30	-

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).

Major supports and factored reactions

TRUSS DETAILS (DESIGN)

Ver 4.3.3.107

Job Ref: 16-1021

Truss Reference : N11 (Single Truss)

Date created: 29 May 2017

Page No: 10

Truss type: Non Standard
Building Standard : NCC-2015

No. plies : 1x35mm
Structural Category : 1

Design spacing : 900mm

No. of : 4

Building type: Residential (Importance Level 2)

Linings

- L1: Fibrecement (4.5mm) (7.7 kg/sq.m).
Direct (nail/screw restraint) @ 600mm.
L2: 10mm plasterboard (7.2 kg/sq.m).
Battens @ 600mm.
L3: 75mm Hebel SoundFloor (51.0 kg/sq.m).
Direct (nail/screw restraint) @ 600mm.
L4: Sheet steel (0.48mm) (5.6 kg/sq.m).
Battens @ 1200mm.
L5: Nil (0.0 kg/sq.m).
Lateral tie restraints @ 1800mm.

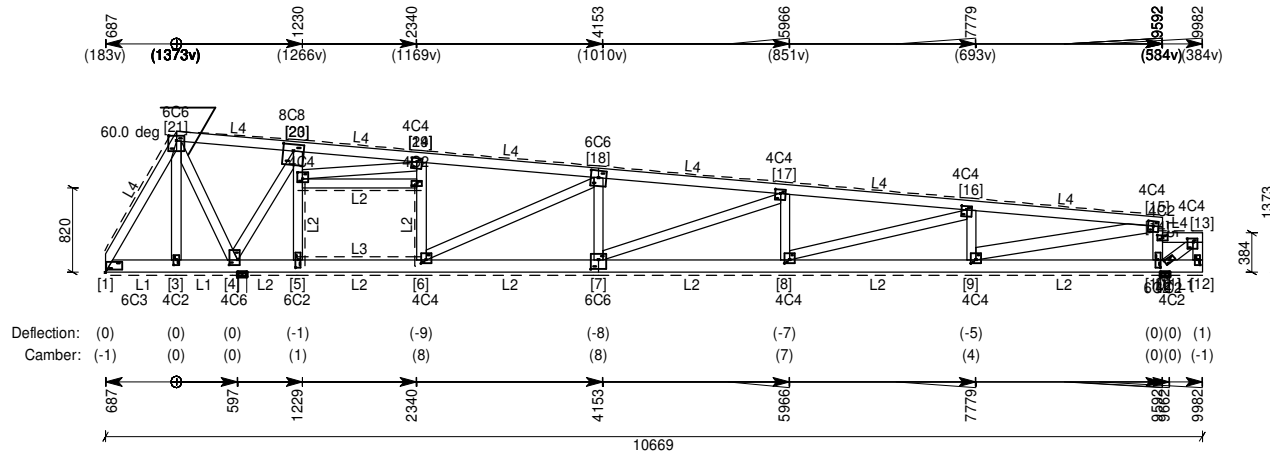
Timber

- Top Chords 1 / 90x35 MGP10 uno
Bottom Chords 1 / 120x35 hySPAN+ uno
Webs 1 / 90x35 MGP10 uno

- TC3 (15-21) 1 / 90x35 hySPAN+
TC4 (21-1) 1 / 90x35 hySPAN+
IBC1 (23-24) 1 / 90x35 MGP10
WB2 (5-20) 1 / 90x35 MGP12
WB3 (6-19) 1 / 90x35 MGP12
WB8 (6-18) 1 / 90x35 MGP12
WB14 (9-15) 1 / 120x35 hySPAN+

Notes

- Deflection = permanent load deflection including creep (negative = downward movement).
- Overhang condition: Metal fascia.
- Refer to Pryda Installation Guide for full bracing details.
- Refer to layout for overall truss bracing.
- Truss close to gable end: YES



Major supports and factored reactions

Joint	Type	Width	Perm.	Max. down (LC)	Uplift	Tie-down	Connector
4	Wall Ext	90	2.7 kN	8.4 kN (Gc+Wd3)	-4.0 kN	1/SB083/30	-
11	Wall Ext	90	1.6 kN	5.8 kN (Gc+Wd3)	-4.4 kN	1/SB083/30	-

TRUSS DETAILS (DESIGN)

Ver 4.3.3.107

Job Ref: 16-1021

Truss Reference : N12 (Single Truss)

Date created: 29 May 2017

Page No: 11

Truss type: Non Standard
Building Standard : NCC-2015

No. plies : 1x35mm
Structural Category : 1

Design spacing : 900mm

No. of : 2

Building type: Residential (Importance Level 2)

Linings

- L1: Fibrecement (4.5mm) (7.7 kg/sq.m).
Direct (nail/screw restraint) @ 600mm.
L2: 10mm plasterboard (7.2 kg/sq.m).
Battens @ 600mm.
L3: 75mm Hebel SoundFloor (51.0 kg/sq.m).
Direct (nail/screw restraint) @ 600mm.
L4: Sheet steel (0.48mm) (5.6 kg/sq.m).
Battens @ 1200mm.
L5: Nil (0.0 kg/sq.m).
Lateral tie restraints @ 1800mm.

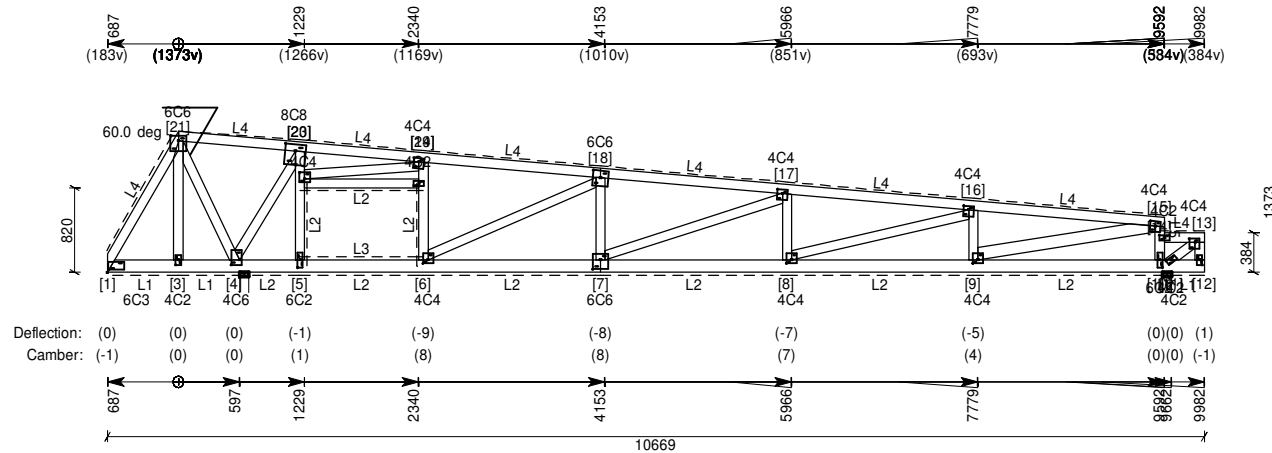
Timber

- Top Chords 1 / 90x35 MGP10 uno
Bottom Chords 1 / 120x35 hySPAN+ uno
Webs 1 / 90x35 MGP10 uno

- TC3 (15-21) 1 / 90x35 hySPAN+
TC4 (21-1) 1 / 90x35 hySPAN+
IBC1 (23-24) 1 / 90x35 MGP10
WB2 (5-20) 1 / 90x35 MGP12
WB3 (6-19) 1 / 90x35 MGP12
WB8 (6-18) 1 / 90x35 MGP12
WB14 (9-15) 1 / 120x35 hySPAN+

Notes

1. Deflection = permanent load deflection including creep (negative = downward movement).
2. Overhang condition: Metal 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
4	Wall Ext	90	2.7 kN	8.4 kN (Gc+Wd3)	-4.0 kN	1/SB083/30	-
11	Wall Ext	90	1.6 kN	5.8 kN (Gc+Wd3)	-4.4 kN	1/SB083/30	-

TRUSS DETAILS (DESIGN)

Ver 4.3.3.107

Job Ref: 16-1021

Truss Reference : N13 (Single Truss)

Date created: 29 May 2017

Page No: 12

Truss type: Non Standard
Building Standard : NCC-2015

No. plies : 1x35mm
Structural Category : 1

Design spacing : 900mm

No. of : 1

Building type: Residential (Importance Level 2)

Linings

- L1: Fibrecement (4.5mm) (7.7 kg/sq.m).
Direct (nail/screw restraint) @ 600mm.
L2: 10mm plasterboard (7.2 kg/sq.m).
Battens @ 600mm.
L3: 75mm Hebel SoundFloor (51.0 kg/sq.m).
Direct (nail/screw restraint) @ 600mm.
L4: Sheet steel (0.48mm) (5.6 kg/sq.m).
Battens @ 1200mm.
L5: Nil (0.0 kg/sq.m).
Lateral tie restraints @ 1800mm.

Timber

- Top Chords 1 / 90x35 hySPAN+ uno
Bottom Chords 1 / 120x35 hySPAN+ uno
Webs 1 / 90x35 MGP10 uno

- TC1 (13-14) 1 / 90x35 MGP10
TC2 (10-15) 1 / 90x35 MGP12
IBC1 (24-25) 1 / 90x35 MGP10
WB2 (5-20) 1 / 90x35 MGP12
WB3 (6-19) 1 / 90x35 MGP12
WB8 (6-18) 1 / 90x35 MGP12
WB14 (9-15) 1 / 120x35 hySPAN+

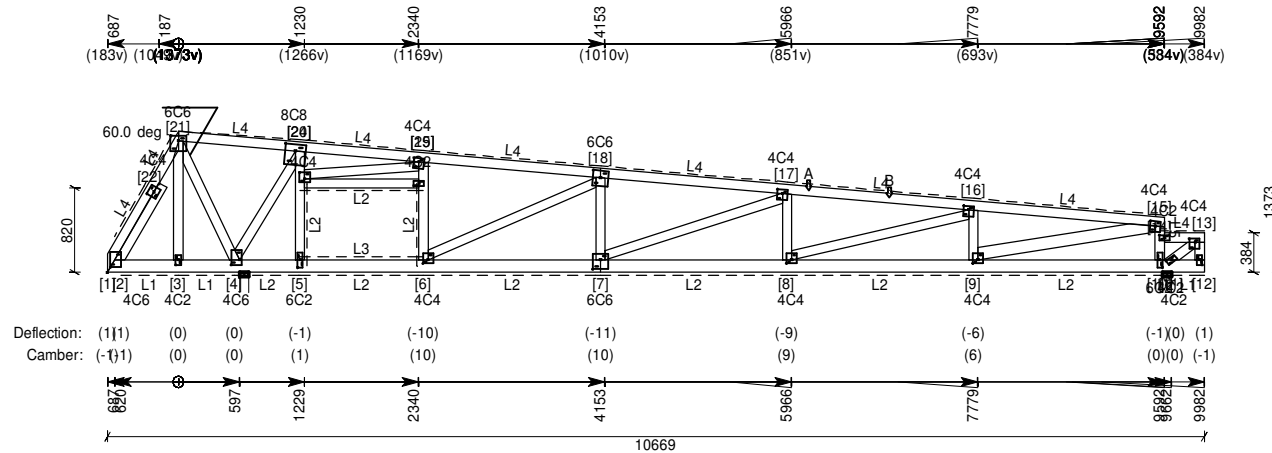
Supported trusses / Applied point loads

A: App'd (Gc=0.35kN) (6817) B: App'd (Gc=0.35kN) (7604)

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

Notes

1. Deflection = permanent load deflection including creep (negative = downward movement).
2. Overhang condition: Metal fascia.
3. Refer to Pryda Installation Guide for full bracing details.
4. Refer to layout for overall truss bracing.
5. Refer to Design Report for Applied point loads other than G.
6. Truss close to gable end: YES



Major supports and factored reactions

Joint	Type	Width	Perm.	Max. down (LC)	Uplift	Tie-down	Connector
4	Wall Ext	90	3.1 kN	8.7 kN (Gc+Wd3)	-3.8 kN	1/SB083/30	-
11	Wall Ext	90	2.3 kN	6.4 kN (Gc+Wd3)	-4.0 kN	1/SB083/30	-

TRUSS DETAILS (DESIGN)

Ver 4.3.3.107

Job Ref: 16-1021

Truss Reference : N14 (Single Truss)

Date created: 29 May 2017

Page No: 13

Truss type: Non Standard
Building Standard : NCC-2015

No. plies : 1x35mm
Structural Category : 1

Design spacing : 900mm

No. of : 1

Building type: Residential (Importance Level 2)

Linings

- L1: Fibrecement (4.5mm) (7.7 kg/sq.m).
Direct (nail/screw restraint) @ 600mm.
L2: 10mm plasterboard (7.2 kg/sq.m).
Battens @ 600mm.
L3: 75mm Hebel SoundFloor (51.0 kg/sq.m).
Direct (nail/screw restraint) @ 600mm.
L4: Sheet steel (0.48mm) (5.6 kg/sq.m).
Battens @ 1200mm.
L5: Nil (0.0 kg/sq.m).
Lateral tie restraints @ 1800mm.

Timber

- Top Chords 1 / 90x35 hySPAN+ uno
Bottom Chords 1 / 120x35 hySPAN+ uno
Webs 1 / 90x35 MGP10 uno

- TC1 (13-14) 1 / 90x35 MGP10
TC2 (10-15) 1 / 90x35 MGP12
IBC1 (24-25) 1 / 90x35 MGP10
WB2 (5-20) 1 / 90x35 MGP12
WB3 (6-19) 1 / 90x35 MGP12
WB8 (6-18) 1 / 90x35 MGP12
WB14 (9-15) 1 / 120x35 hySPAN+

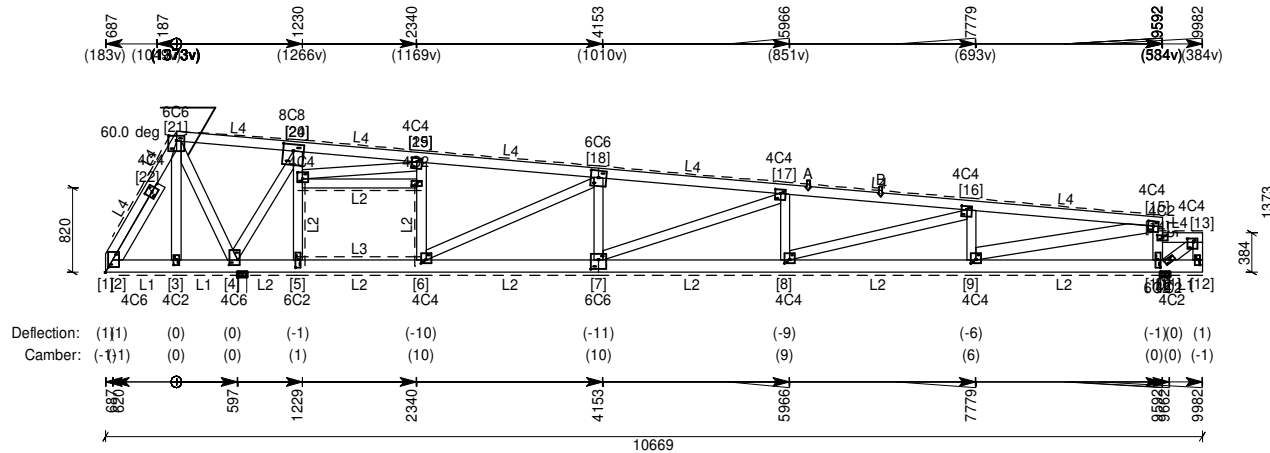
Supported trusses / Applied point loads

A: App'd (Gc=0.35kN) (6834) B: App'd (Gc=0.35kN) (7538)

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

Notes

1. Deflection = permanent load deflection including creep (negative = downward movement).
2. Overhang condition: Metal fascia.
3. Refer to Pryda Installation Guide for full bracing details.
4. Refer to layout for overall truss bracing.
5. Refer to Design Report for Applied point loads other than G.
6. Truss close to gable end: YES



Major supports and factored reactions

Joint	Type	Width	Perm.	Max. down (LC)	Uplift	Tie-down	Connector
4	Wall Ext	90	3.1 kN	8.8 kN (Gc+Wd3)	-3.8 kN	1/SB083/30	-
11	Wall Ext	90	2.3 kN	6.4 kN (Gc+Wd3)	-4.0 kN	1/SB083/30	-

TRUSS DETAILS (DESIGN)

Job Ref: 16-1021

Truss Reference : N15 (Single Truss)

Date created: 29 May 2017

Page No: 14

Truss type: Non Standard
Building Standard : NCC-2015

No. plies : 1x35mm
Structural Category : 1

Design spacing : 900mm

No. of : 1

Building type: Residential (Importance Level 2)

Linings

- L1: Fibrecement (4.5mm) (7.7 kg/sq.m).
Direct (nail/screw restraint) @ 600mm.
L2: 10mm plasterboard (7.2 kg/sq.m).
Battens @ 600mm.
L3: 75mm Hebel SoundFloor (51.0 kg/sq.m).
Direct (nail/screw restraint) @ 600mm.
L4: Sheet steel (0.48mm) (5.6 kg/sq.m).
Battens @ 1200mm.
L5: Nil (0.0 kg/sq.m).
Lateral tie restraints @ 1800mm.

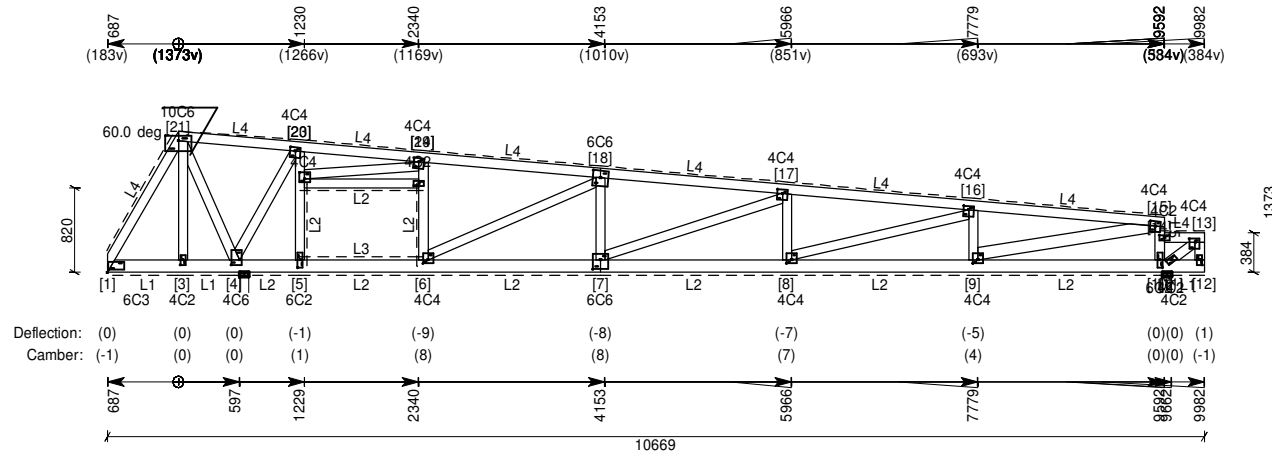
Timber

- Top Chords 1 / 90x35 MGP10 uno
Bottom Chords 1 / 120x35 hySPAN+ uno
Webs 1 / 90x35 MGP10 uno

- TC3 (15-21) 1 / 90x35 hySPAN+
TC4 (21-1) 1 / 90x35 hySPAN+
IBC1 (23-24) 1 / 90x35 MGP10
WB2 (5-20) 1 / 90x35 MGP12
WB3 (6-19) 1 / 90x35 MGP12
WB8 (6-18) 1 / 90x35 MGP12
WB14 (9-15) 1 / 120x35 hySPAN+

Notes

1. Deflection = permanent load deflection including creep (negative = downward movement).
2. Overhang condition: Metal 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
4	Wall Ext	90	2.8 kN	8.5 kN (Gc+Wd3)	-4.0 kN	1/SB083/30	-
11	Wall Ext	90	1.6 kN	5.8 kN (Gc+Wd3)	-4.4 kN	1/SB083/30	-

TRUSS DETAILS (DESIGN)

Job Ref: 16-1021

Truss Reference : N16 (Single Truss)

Date created: 29 May 2017

Page No: 15

Truss type: Non Standard
Building Standard : NCC-2015

No. plies : 1x35mm
Structural Category : 1

Design spacing : 900mm

No. of : 1

Building type: Residential (Importance Level 2)

Linings

- L1: 10mm plasterboard (7.2 kg/sq.m).
Battens @ 600mm.
L2: 75mm Hebel SoundFloor (51.0 kg/sq.m).
Direct (nail/screw restraint) @ 600mm.
L3: Fibrecement (4.5mm) (7.7 kg/sq.m).
Direct (nail/screw restraint) @ 600mm.
L4: Sheet steel (0.48mm) (5.6 kg/sq.m).
Battens @ 1200mm.
L5: Nil (0.0 kg/sq.m).
Lateral tie restraints @ 1800mm.

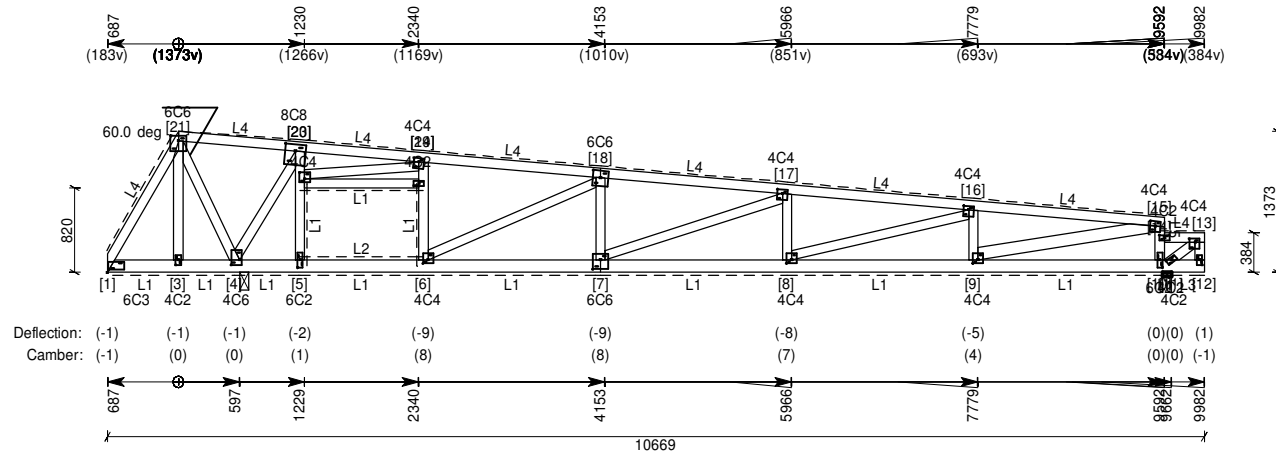
Timber

- Top Chords 1 / 90x35 MGP10 uno
Bottom Chords 1 / 120x35 hySPAN+ uno
Webs 1 / 90x35 MGP10 uno

- TC3 (15-21) 1 / 90x35 hySPAN+
TC4 (21-1) 1 / 90x35 hySPAN+
IBC1 (23-24) 1 / 90x35 MGP10
WB2 (5-20) 1 / 90x35 MGP12
WB3 (6-19) 1 / 90x35 MGP12
WB8 (6-18) 1 / 90x35 MGP12
WB14 (9-15) 1 / 120x35 hySPAN+

Notes

1. Deflection = permanent load deflection including creep (negative = downward movement).
2. Overhang condition: Metal 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
4	Beam Int	90	2.8 kN	8.0 kN (Gc+Wd3)	-4.0 kN	1/SB083/30	-
11	Wall Ext	90	1.6 kN	5.8 kN (Gc+Wd3)	-4.4 kN	1/SB083/30	-

TRUSS DETAILS (DESIGN)

Job Ref: 16-1021

Truss Reference : N17 (Single Truss)

Date created: 29 May 2017

Page No: 16

Truss type: Non Standard
Building Standard : NCC-2015

No. plies : 1x35mm
Structural Category : 1

Design spacing : 900mm

No. of : 1

Building type: Residential (Importance Level 2)

Linings

- L1: 10mm plasterboard (7.2 kg/sq.m).
Battens @ 600mm.
L2: 75mm Hebel SoundFloor (51.0 kg/sq.m).
Direct (nail/screw restraint) @ 600mm.
L3: Fibrecement (4.5mm) (7.7 kg/sq.m).
Direct (nail/screw restraint) @ 600mm.
L4: Sheet steel (0.48mm) (5.6 kg/sq.m).
Battens @ 1200mm.
L5: Nil (0.0 kg/sq.m).
Lateral tie restraints @ 1800mm.

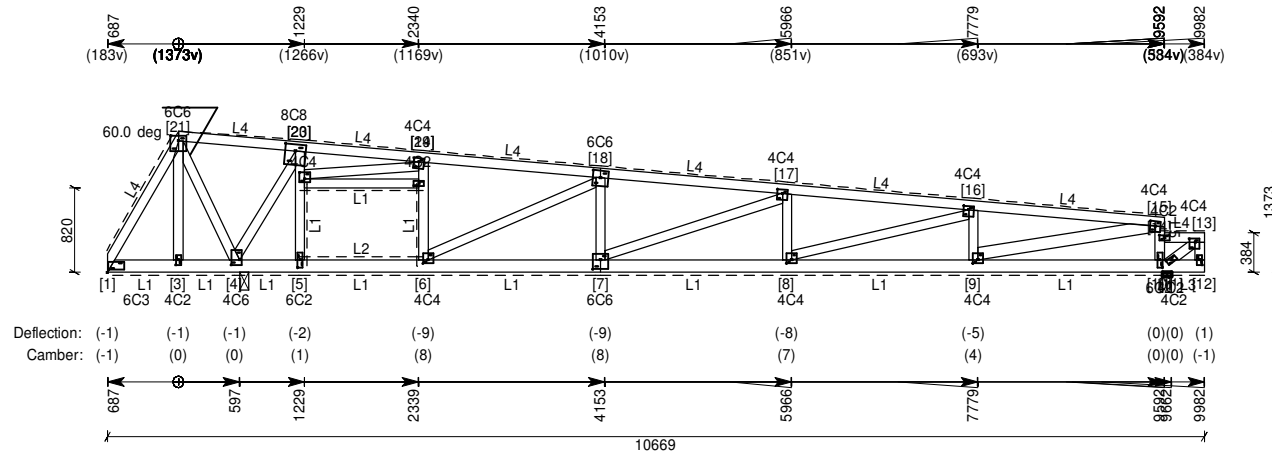
Timber

- Top Chords 1 / 90x35 MGP10 uno
Bottom Chords 1 / 120x35 hySPAN+ uno
Webs 1 / 90x35 MGP10 uno

- TC3 (15-21) 1 / 90x35 hySPAN+
TC4 (21-1) 1 / 90x35 hySPAN+
IBC1 (23-24) 1 / 90x35 MGP10
WB2 (5-20) 1 / 90x35 MGP12
WB3 (6-19) 1 / 90x35 MGP12
WB8 (6-18) 1 / 90x35 MGP12
WB14 (9-15) 1 / 120x35 hySPAN+

Notes

1. Deflection = permanent load deflection including creep (negative = downward movement).
2. Overhang condition: Metal 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

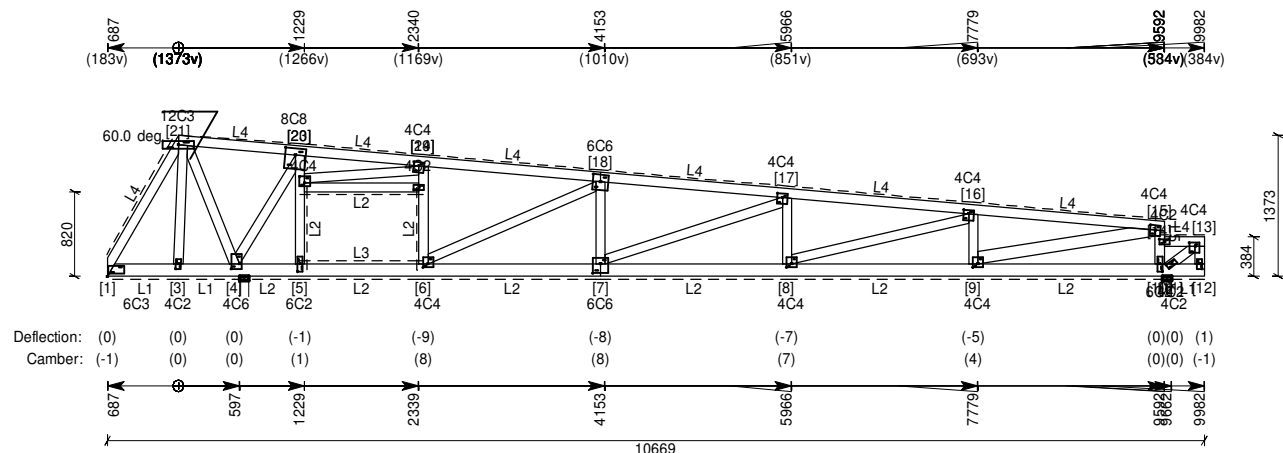


Major supports and factored reactions

Joint	Type	Width	Perm.	Max. down (LC)	Uplift	Tie-down	Connector
4	Beam Int	90	2.8 kN	8.0 kN (Gc+Wd3)	-4.0 kN	1/SB083/30	-
11	Wall Ext	90	1.6 kN	5.8 kN (Gc+Wd3)	-4.4 kN	1/SB083/30	-

Building type: Residential (Importance Level 2)

1. Deflection = permanent load deflection including creep (negative = downward movement).
2. Overhang condition: Metal 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



Joint	Type	Width	Perm.	Max. down (LC)	Uplift	Tie-down	Connector
4	Wall Ext	90	2.7 kN	8.4 kN (Gc+Wd3)	-4.0 kN	1/SB083/30	-
11	Wall Ext	90	1.6 kN	5.8 kN (Gc+Wd3)	-4.4 kN	1/SB083/30	-

TRUSS DETAILS (DESIGN)

Ver 4.3.3.107

Job Ref: 16-1021

Truss Reference : N19 (Single Truss)

Date created: 29 May 2017

Page No: 18

Truss type: Non Standard
Building Standard : NCC-2015

No. plies : 1x35mm
Structural Category : 1

Design spacing : 900mm

No. of : 1

Building type: Residential (Importance Level 2)

Linings

L1: Fibrecement (4.5mm) (7.7 kg/sq.m).
Direct (nail/screw restraint) @ 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.
L4: Nil (0.0 kg/sq.m).
Lateral tie restraints @ 1800mm.

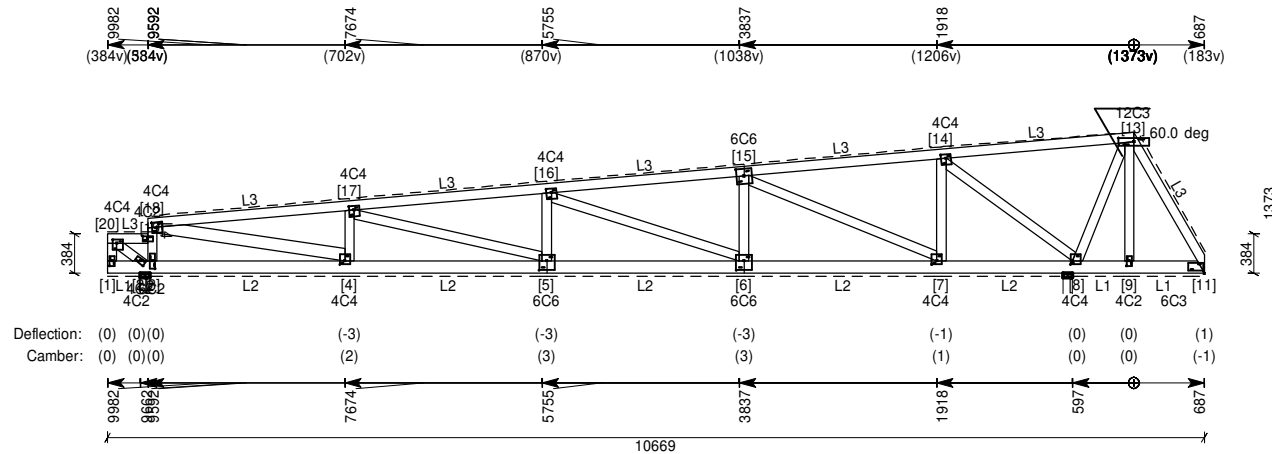
Timber

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

TC1 (11-13) 1 / 90x35 hySPAN+
TC2 (13-18) 1 / 90x35 hySPAN+
WB3 (4-18) 1 / 120x35 MGP10
WB9 (7-15) 1 / 90x35 MGP12

Notes

1. Deflection = permanent load deflection including creep (negative = downward movement).
2. Overhang condition: Metal 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
2	Wall Ext	90	1.5 kN	4.4 kN (Gc+Wd3)	-4.3 kN	1/SB083/30	-
8	Wall Ext	90	1.9 kN	5.7 kN (Gc+Wd3)	-4.9 kN	1/SB083/30	-

TRUSS DETAILS (DESIGN)

Ver 4.3.3.107

Job Ref: 16-1021

Truss Reference : NG6 (Double Truss)

Date created: 29 May 2017

Page No: 19

Truss type: Non Standard
Building Standard : NCC-2015

No. plies : 2x35mm
Structural Category : 2

Design spacing : 900mm

No. of : 1

Building type: Residential (Importance Level 2)

Linings

- L1: Fibrecement (4.5mm) (7.7 kg/sq.m).
Direct (nail/screw restraint) @ 600mm.
L2: 10mm plasterboard (7.2 kg/sq.m).
Battens @ 600mm.
L3: 75mm Hebel SoundFloor (51.0 kg/sq.m).
Direct (nail/screw restraint) @ 600mm.
L4: Sheet steel (0.48mm) (5.6 kg/sq.m).
Battens @ 1200mm.
L5: Nil (0.0 kg/sq.m).
Lateral tie restraints @ 1800mm.

Timber

- Top Chords 2 / 90x35 MGP10 uno
Bottom Chords 2 / 120x35 hySPAN+ uno
Webs 2 / 90x35 MGP10 uno

- TC3 (15-21) 2 / 90x35 hySPAN+
TC4 (21-1) 2 / 90x35 hySPAN+
IBC1 (24-25) 2 / 90x35 MGP10
WB2 (5-20) 2 / 90x35 hySPAN+
WB3 (6-19) 2 / 90x35 hySPAN+

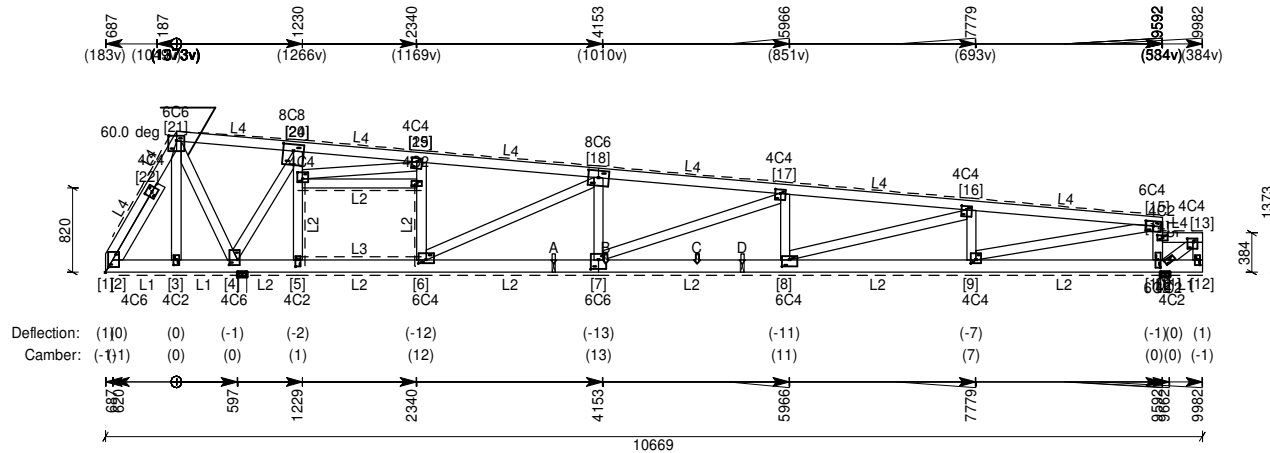
Supported trusses / Applied point loads

- A: PCG7 (4358) B: App'd (Gc=0.35kN) (4866)
C: App'd (Gc=0.35kN) (5753) D: PCG6 (6194)

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

Notes

- Deflection = permanent load deflection including creep (negative = downward movement).
- Overhang condition: Metal fascia.
- Refer to Pryda Installation Guide for full bracing details.
- Refer to layout for overall truss bracing.
- Refer to Design Report for Applied point loads other than G.
- Truss close to gable end: YES



Major supports and factored reactions

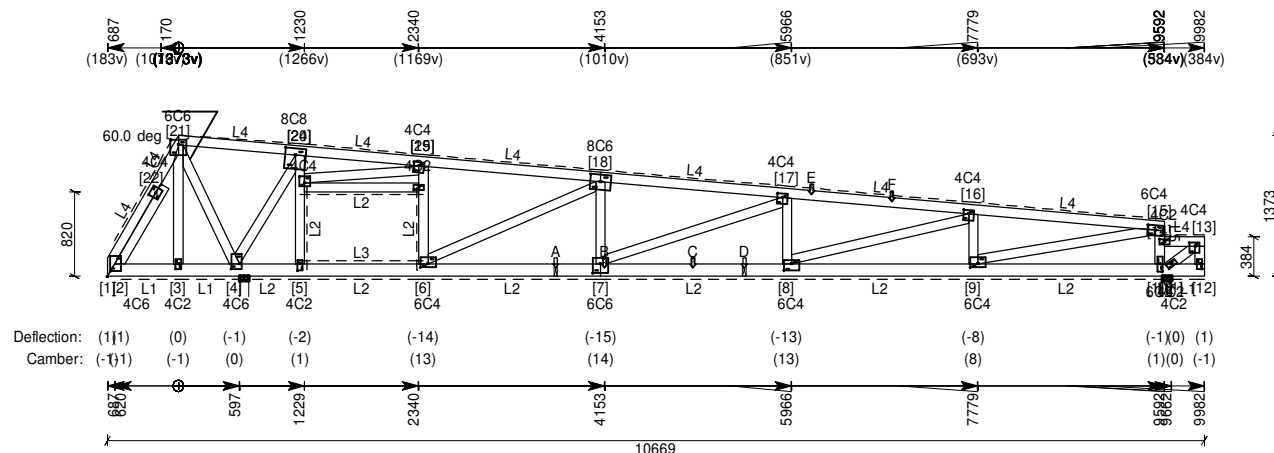
Joint	Type	Width	Perm.	Max. down (LC)	Uplift	Tie-down	Connector
4	Wall Ext	90	6.0 kN	11.3 kN (Gc+Wd3)	-7.0 kN	2/SB083/30	-
11	Wall Ext	90	4.1 kN	8.1 kN (Gc+Wd3)	-6.6 kN	2/SB083/30	-

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).

Building type: Residential (Importance Level 2)

1. Deflection = permanent load deflection including creep (negative = downward movement).
2. Overhang condition: Metal fascia.
3. Refer to Pryda Installation Guide for full bracing details.
4. Refer to layout for overall truss bracing.
5. Refer to Design Report for Applied point loads other than G.
6. Truss close to gable end: YES



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 DETAILS (DESIGN)

Ver 4.3.3.107

Job Ref: 16-1021

Truss Reference : NG10 (Double Truss)

Date created: 29 May 2017

Page No: 21

Truss type: Non Standard
Building Standard : NCC-2015

No. plies : 2x35mm
Structural Category : 2

Design spacing : 900mm

No. of : 1

Building type: Residential (Importance Level 2)

Linings

- L1: Fibrecement (4.5mm) (7.7 kg/sq.m).
Direct (nail/screw restraint) @ 600mm.
L2: 10mm plasterboard (7.2 kg/sq.m).
Battens @ 600mm.
L3: 75mm Hebel SoundFloor (51.0 kg/sq.m).
Direct (nail/screw restraint) @ 600mm.
L4: Sheet steel (0.48mm) (5.6 kg/sq.m).
Battens @ 1200mm.
L5: Nil (0.0 kg/sq.m).
Lateral tie restraints @ 1800mm.

Timber

- Top Chords 2 / 90x35 MGP10 uno
Bottom Chords 2 / 120x35 hySPAN+ uno
Webs 2 / 90x35 MGP10 uno

- TC3 (15-21) 2 / 90x35 hySPAN+
TC4 (21-1) 2 / 90x35 hySPAN+
IBC1 (24-25) 2 / 90x35 MGP10
WB2 (5-20) 2 / 90x35 hySPAN+
WB3 (6-19) 2 / 90x35 MGP12

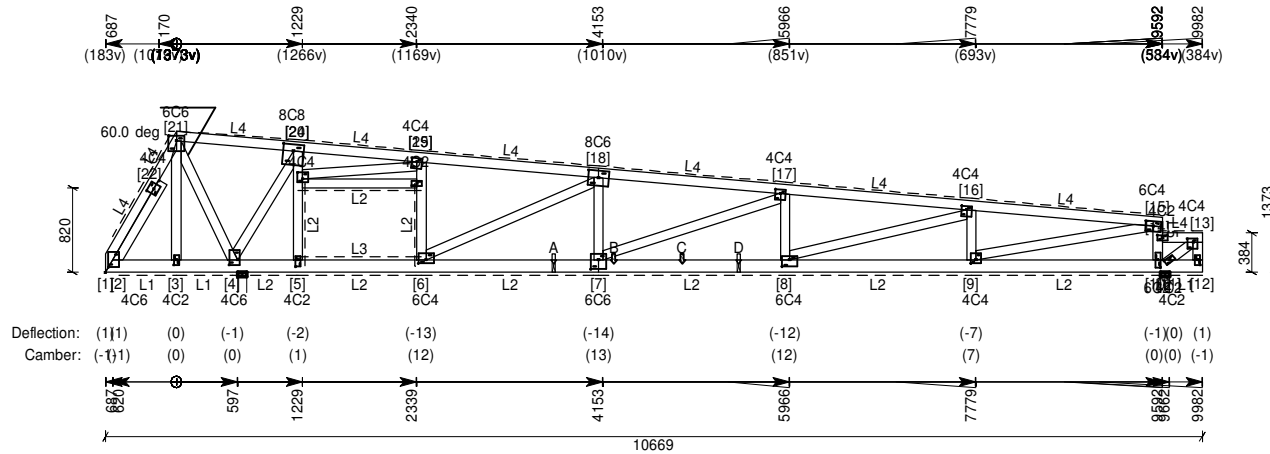
Supported trusses / Applied point loads

- A: PCG8 (4358) B: App'd (Gc=0.35kN) (4943)
C: App'd (Gc=0.35kN) (5608) D: PCG9 (6158)

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

Notes

- Deflection = permanent load deflection including creep (negative = downward movement).
- Overhang condition: Metal fascia.
- Refer to Pryda Installation Guide for full bracing details.
- Refer to layout for overall truss bracing.
- Refer to Design Report for Applied point loads other than G.
- Truss close to gable end: YES



Major supports and factored reactions

Joint	Type	Width	Perm.	Max. down (LC)	Uplift	Tie-down	Connector
4	Wall Ext	90	6.1 kN	11.3 kN (Gc+Wd3)	-6.8 kN	2/SB083/30	-
11	Wall Ext	90	4.3 kN	8.1 kN (Gc+Wd3)	-6.4 kN	1/SB083/30	-

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 DETAILS (DESIGN)

Ver 4.3.3.107

Job Ref: 16-1021

Truss Reference : NG11 (Double Truss)

Date created: 29 May 2017

Page No: 22

Truss type: Non Standard
Building Standard : NCC-2015

No. plies : 2x35mm
Structural Category : 2

Design spacing : 900mm

No. of : 1

Building type: Residential (Importance Level 2)

Linings

- L1: Fibrecement (4.5mm) (7.7 kg/sq.m).
Direct (nail/screw restraint) @ 600mm.
L2: 10mm plasterboard (7.2 kg/sq.m).
Battens @ 600mm.
L3: 75mm Hebel SoundFloor (51.0 kg/sq.m).
Direct (nail/screw restraint) @ 600mm.
L4: Sheet steel (0.48mm) (5.6 kg/sq.m).
Battens @ 1200mm.
L5: Nil (0.0 kg/sq.m).
Lateral tie restraints @ 1800mm.

Timber

- Top Chords 2 / 90x35 MGP10 uno
Bottom Chords 2 / 120x35 hySPAN+ uno
Webs 2 / 90x35 MGP10 uno

- TC3 (15-21) 2 / 90x35 hySPAN+
TC4 (21-1) 2 / 90x35 hySPAN+
IBC1 (24-25) 2 / 90x35 MGP10
WB2 (5-20) 2 / 90x35 hySPAN+
WB3 (6-19) 2 / 90x35 MGP12

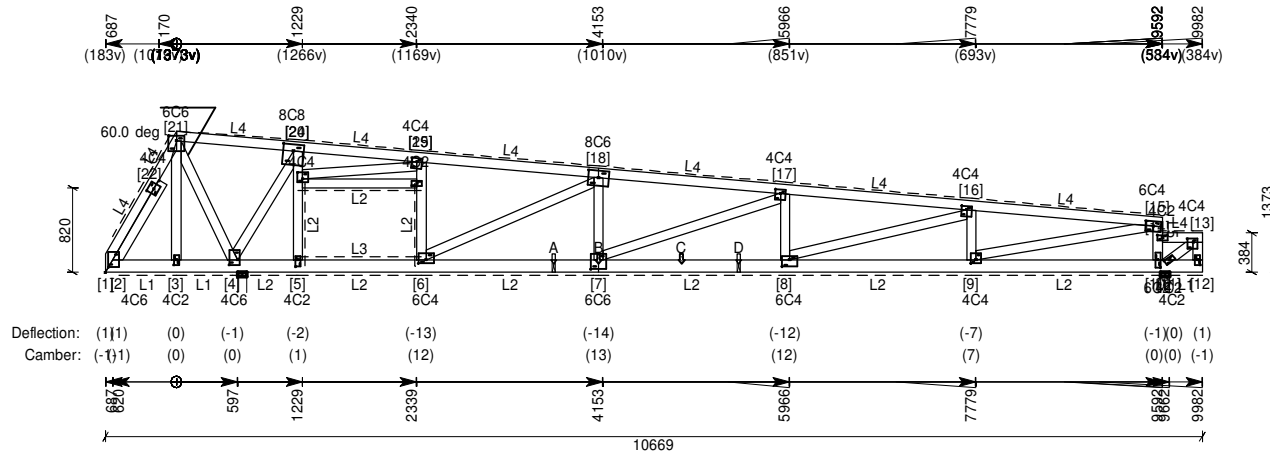
Supported trusses / Applied point loads

- A: PCG8 (4358) B: App'd (Gc=0.35kN) (4796)
C: App'd (Gc=0.35kN) (5601) D: PCG9 (6158)

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

Notes

1. Deflection = permanent load deflection including creep (negative = downward movement).
2. Overhang condition: Metal fascia.
3. Refer to Pryda Installation Guide for full bracing details.
4. Refer to layout for overall truss bracing.
5. Refer to Design Report for Applied point loads other than G.
6. Truss close to gable end: YES



Major supports and factored reactions

Joint	Type	Width	Perm.	Max. down (LC)	Uplift	Tie-down	Connector
4	Wall Ext	90	6.1 kN	11.3 kN (Gc+Wd3)	-6.8 kN	2/SB083/30	-
11	Wall Ext	90	4.3 kN	8.1 kN (Gc+Wd3)	-6.4 kN	1/SB083/30	-

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).

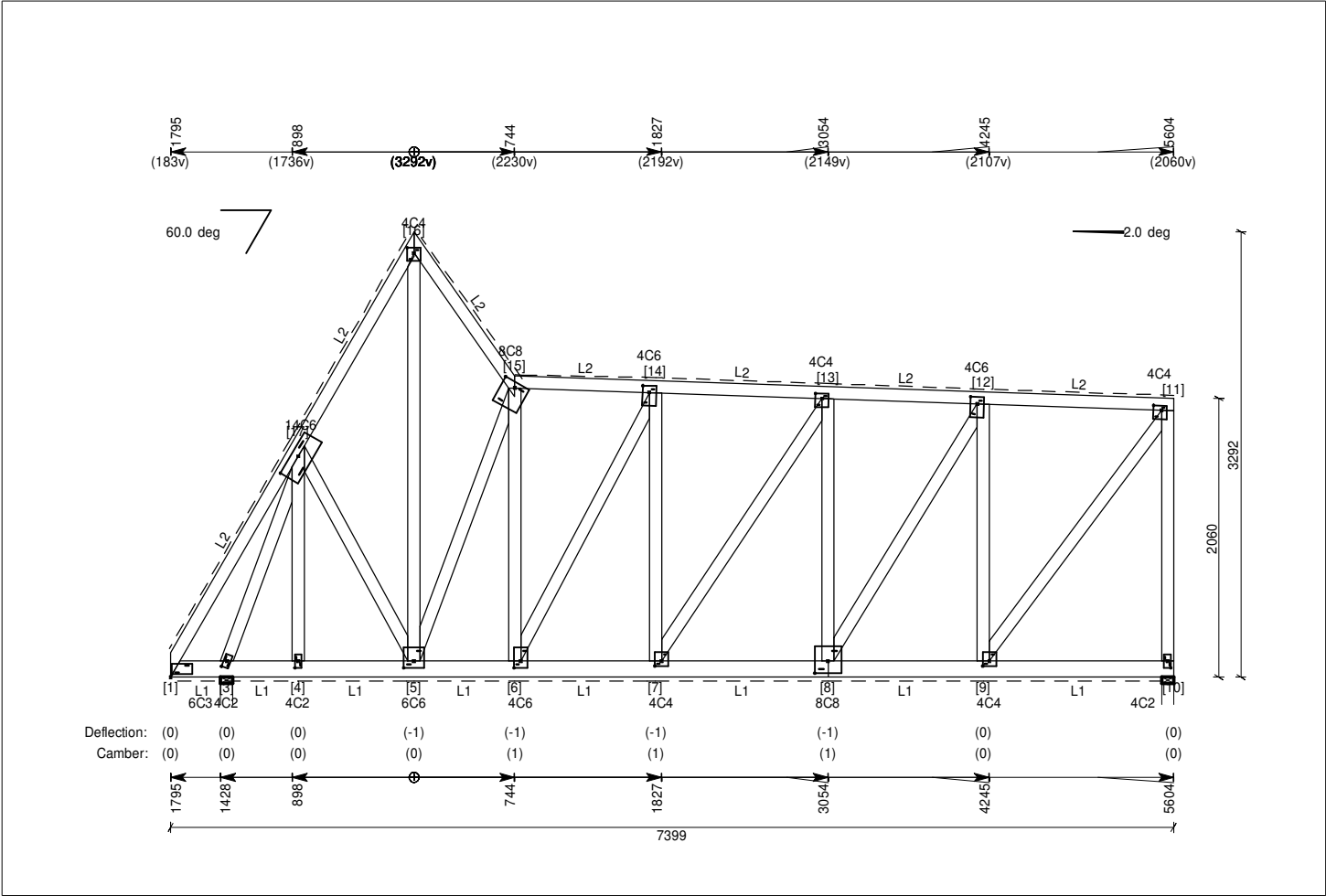
TRUSS DETAILS (DESIGN)

Job Ref: 16-1021

Truss Reference : N2 (Single Truss)

Date created: 29 May 2017
Page No: 23

Truss type: Non Standard No. plies : 1x35mm Design spacing : 900mm No. of : 1 Building type: Residential (Importance Level 2)
Building Standard : NCC-2015 Structural Category : 1



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 hySPAN+ uno
Bottom Chords 1 / 120x35 hySPAN+ uno
Webs 1 / 90x35 MGP10 uno

WB5 (5-16) 1 / 90x35 hySPAN+
WB12 (9-11) 1 / 90x35 MGP12

Notes

1. Deflection = permanent load deflection including creep (negative = downward movement).
2. Overhang condition: Metal 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
10	Wall Int	90	1.2 kN	2.7 kN (Gc+Qj)	-3.2 kN	1/SB083/30	-
3	Wall Int	90	1.6 kN	3.2 kN (Gc+Qj)	-2.4 kN	1/SB083/30	-

TRUSS DETAILS (DESIGN)

Job Ref: 16-1021

Truss Reference : N4 (Single Truss)

Date created: 29 May 2017

Page No: 24

Truss type: Non Standard
Building Standard : NCC-2015

No. plies : 1x35mm
Structural Category : 1

Design spacing : 900mm

No. of : 4

Building type: Residential (Importance Level 2)

Linings

- L1: 10mm plasterboard (7.2 kg/sq.m).
Battens @ 600mm.
L2: 75mm Hebel SoundFloor (51.0 kg/sq.m).
Direct (nail/screw restraint) @ 600mm.
L3: Sheet steel (0.48mm) (5.6 kg/sq.m).
Battens @ 1200mm.
L4: Fibrecement (4.5mm) (7.7 kg/sq.m).
Direct (nail/screw restraint) @ 600mm.

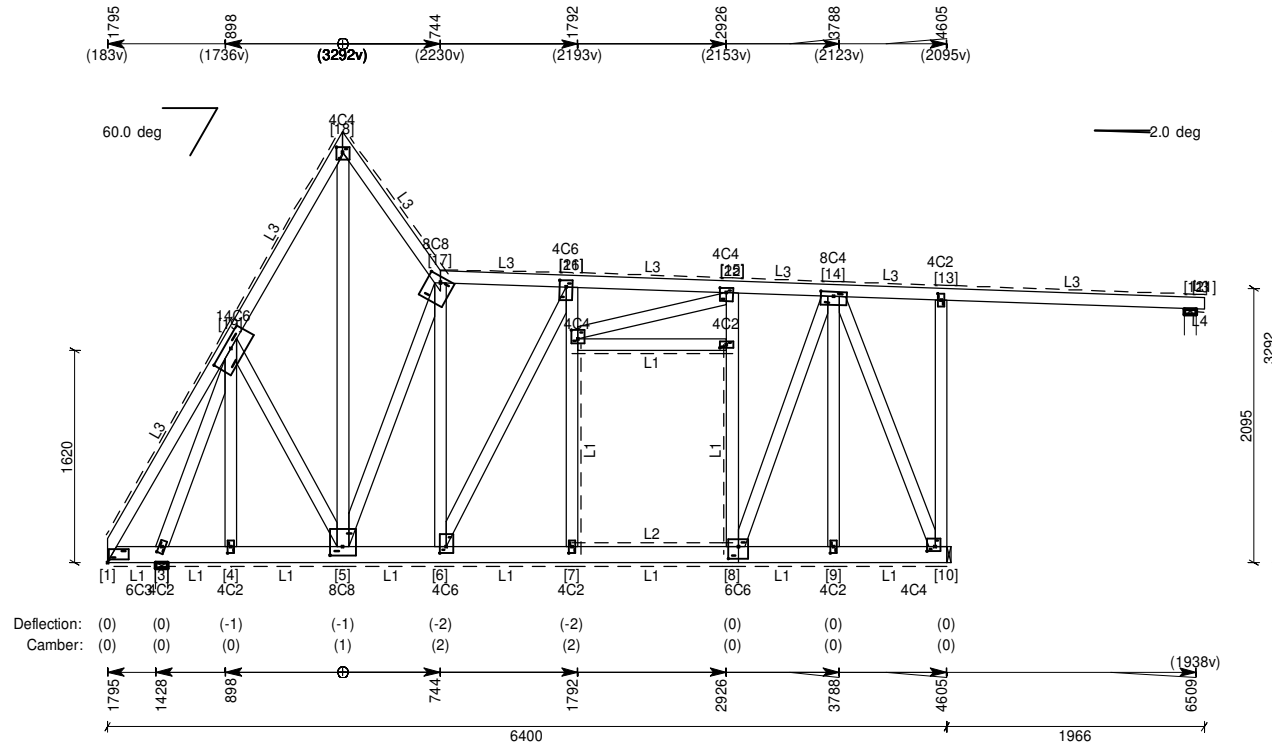
Timber

- Top Chords 1 / 90x35 hySPAN+ uno
Bottom Chords 1 / 120x35 hySPAN+ uno
Webs 1 / 90x35 MGP10 uno

- IBC1 (21-22) 1 / 90x35 MGP10
WB7 (5-18) 1 / 90x35 MGP12

Notes

1. Deflection = permanent load deflection including creep (negative = downward movement).
2. Overhang condition: Metal 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
10	Truss Chord	35	1.8 kN	3.9 kN (Gc+Wd3)	-3.6 kN	-	TB35/12
3	Wall Int	90	1.8 kN	3.4 kN (Gc+Wd3)	-1.8 kN	1/SB083/30	-
12	Wall Int	90	0.1 kN	1.8 kN (Gc+Qj)	-0.9 kN	-	-

TRUSS DETAILS (DESIGN)

Ver 4.3.3.107

Job Ref: 16-1021

Truss Reference : N7 (Single Truss)

Date created: 29 May 2017

Page No: 25

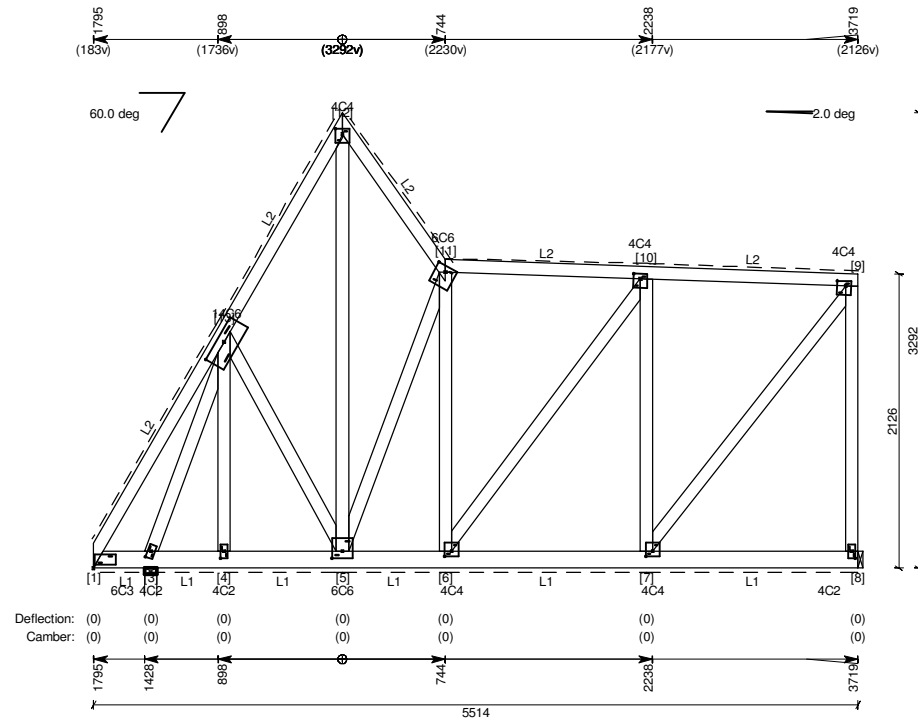
Truss type: Non Standard
Building Standard : NCC-2015

No. plies : 1x35mm
Structural Category : 1

Design spacing : 900mm

No. of : 2

Building type: Residential (Importance Level 2)



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 hySPAN+ uno
Bottom Chords 1 / 120x35 hySPAN+ uno
Webs 1 / 90x35 MGP10 uno

WB5 (5-12) 1 / 90x35 MGP12

Notes

1. Deflection = permanent load deflection including creep (negative = downward movement).
2. Overhang condition: Metal 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
8	Truss Chord	35	0.9 kN	2.4 kN (Gc+Qj)	-2.4 kN	-	TB35/12
3	Wall Int	90	1.3 kN	2.9 kN (Gc+Qj)	-1.8 kN	1/SB083/30	-

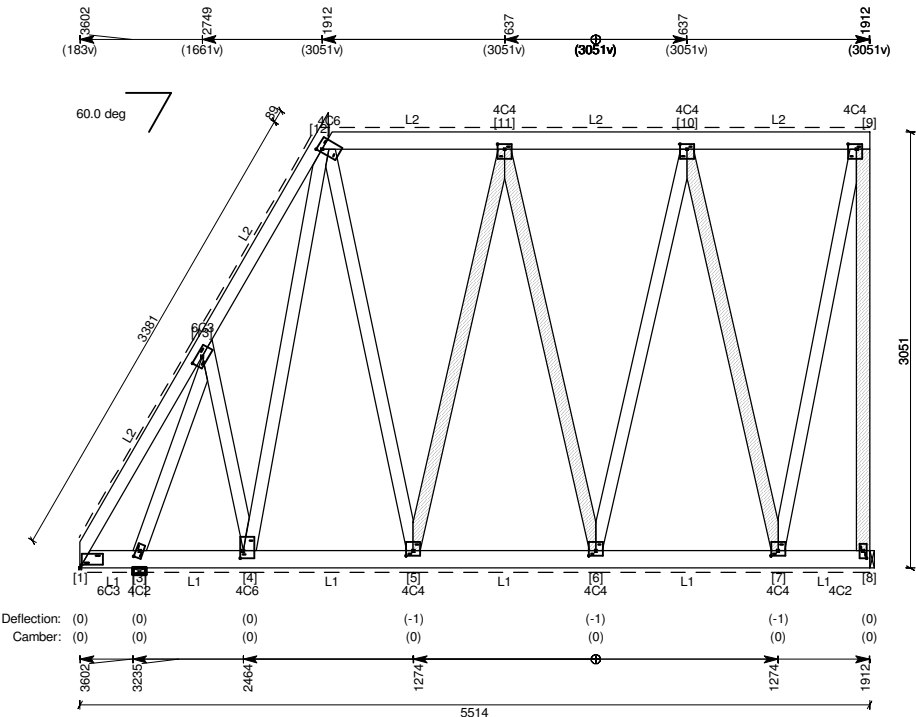
TRUSS DETAILS (DESIGN)

Job Ref: 16-1021

Truss Reference : MTS1 (Single Truss)

Date created: 29 May 2017
Page No: 26

Truss type: Mono Truncated Standard No. plies : 1x35mm Design spacing : 900mm No. of : 1 Building type: Residential (Importance Level 2)
Building Standard : NCC-2015 Structural Category : 1



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 / 120x35 hySPAN+ uno
Bottom Chords 1 / 120x35 hySPAN+ uno
Webs 1 / 90x35 MGP10 uno

TC2 (12-1) 1 / 90x35 hySPAN+
WB1 (8-9) 1 / 90x35 MGP10 + 1 Scab
WB6 (5-11) 1 / 90x35 MGP10 + 1 Scab
WB7 (6-11) 1 / 90x35 MGP10 + 1 Scab
WB9 (7-10) 1 / 90x35 MGP10 + 1 Scab

Notes

1. Deflection = permanent load deflection including creep (negative = downward movement).
2. Overhang condition: Metal 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
8	Truss Chord	35	1.4 kN	3.3 kN (Gc+Wd3)	-1.2 kN	-	TB35/12
3	Wall Int	90	1.6 kN	3.2 kN (Gc+Qj)	-0.5 kN	1/SB083/30	-

Fixings

Fixing of Scabs - Use 1 rows of 2.8 dia x 65 nails at 250 c/c to fix scabs on WB1 (8-9)
Fixing of Scabs - Use 1 rows of 2.8 dia x 65 nails at 250 c/c to fix scabs on WB6 (5-11)
Fixing of Scabs - Use 1 rows of 2.8 dia x 65 nails at 250 c/c to fix scabs on WB7 (6-11)
Fixing of Scabs - Use 1 rows of 2.8 dia x 65 nails at 250 c/c to fix scabs on WB9 (7-10)

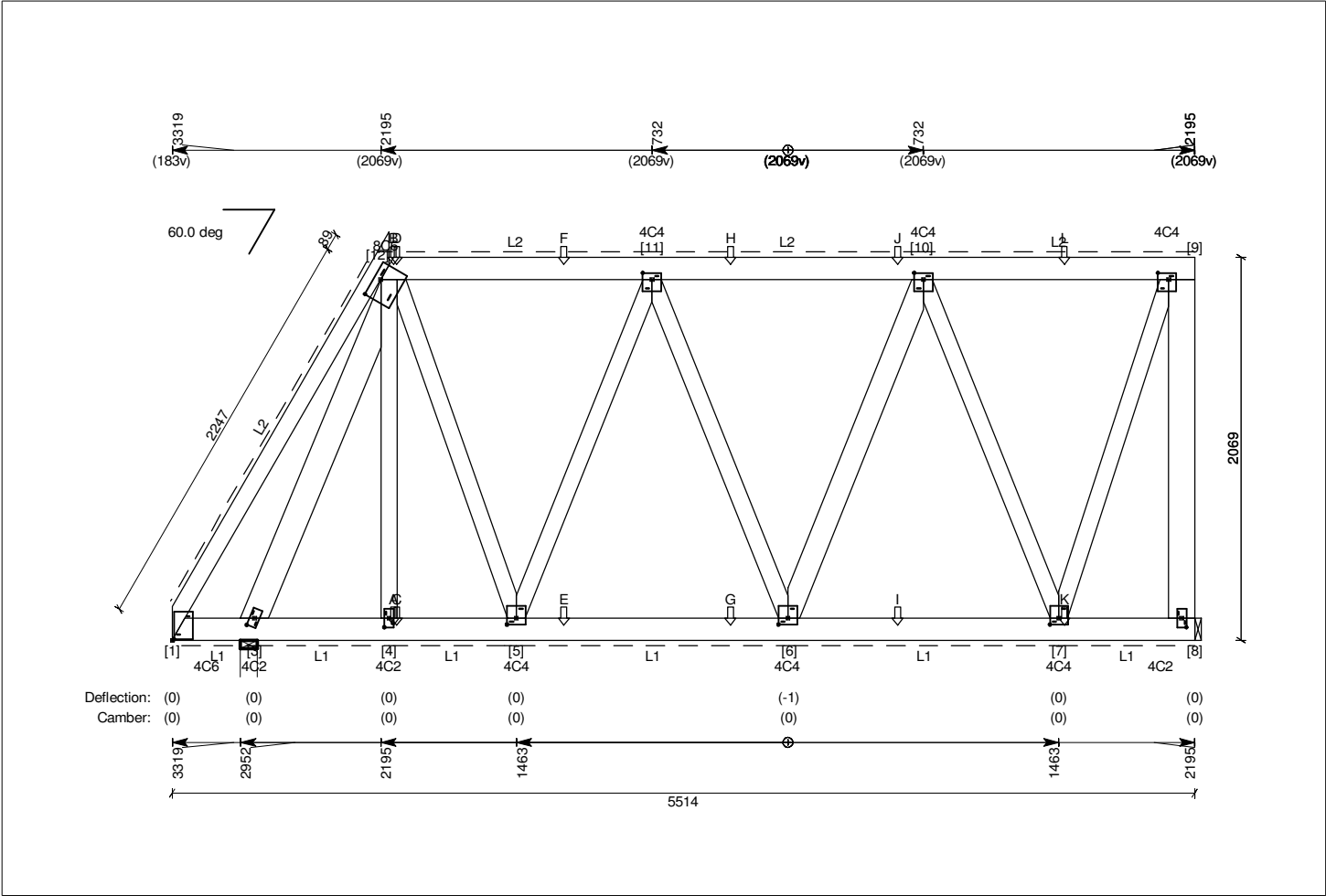
TRUSS DETAILS (DESIGN)

Job Ref: 16-1021

Truss Reference : MTG1 (Single Truss)

Date created: 29 May 2017
Page No: 27

Truss type: Mono Truncated Girder No. plies : 1x35mm Design spacing : 900mm No. of : 1 Building type: Residential (Importance Level 1)
Building Standard : NCC-2015 Structural Category : 1 Station : 1193mm



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 / 120x35 hySPAN+ uno
Bottom Chords 1 / 120x35 hySPAN+ uno
Webs 1 / 90x35 MGP10 uno

TC2 (12-1) 1 / 90x35 hySPAN+
WB1 (8-9) 1 / 140x35 MGP10
WB2 (3-12) 1 / 140x35 MGP10
WB4 (5-12) 1 / 90x35 MGP12
WB7 (6-10) 1 / 120x35 hySPAN+
WB8 (7-10) 1 / 90x35 MGP12

Supported trusses / Applied point loads

A: H1 (1193) B: H1 (1193)
C: J1 (1211) D: J1 (1211)
E: J2 (2111) F: J2 (2111)
G: J2 (3011) H: J2 (3011)
I: J2 (3911) J: J2 (3911)
K: J2 (4811) L: J2 (4811)
Note: numbers in brackets denote distance from left of truss.

Notes

- 1. Deflection = permanent load deflection including creep (negative = downward movement).
- 2. Overhang condition: Metal 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
8	Truss Chord	35	1.4 kN	8.5 kN (Gc+Wd3)	-6.2 kN	-	TB35/12
3	Wall Int	90	1.8 kN	7.9 kN (Gc+Wd3)	-5.2 kN	1/SB083/30	-

TRUSS DETAILS (DESIGN)

Job Ref: 16-1021

Truss Reference : PCG1 (Single Truss)

Date created: 29 May 2017
Page No: 28

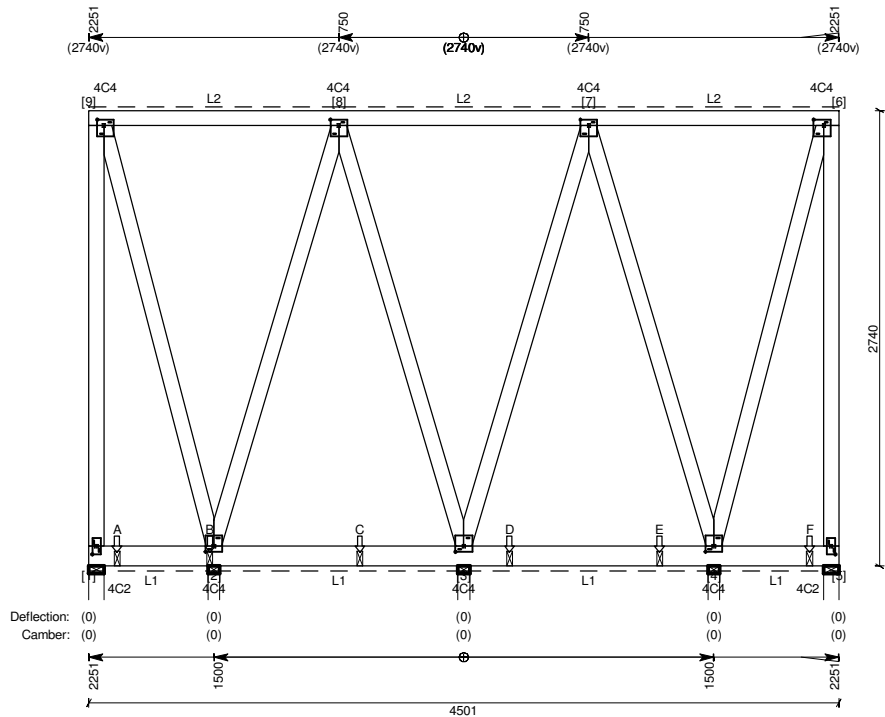
Truss type: Parallel Chord
Building Standard : NCC-2015

No. plies : 1x35mm
Structural Category : 1

Design spacing : 900mm

No. of : 1

Building type: Residential (Importance Level 2)



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 hySPAN+ uno
Webs 1 / 90x35 MGP10 uno

WB3 (2-9) 1 / 90x35 MGP12

Supported trusses / Applied point loads

A: M1 (168) B: M1 (726)
C: M1 (1626) D: M1 (2526)
E: M1 (3426) F: M1 (4326)

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

Notes

1. Deflection = permanent load deflection including creep (negative = downward movement).
2. Overhang condition: Metal 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	Wall Int	90	0.6 kN	5.3 kN (Gc+Wd3)	-4.7 kN	1/SB083/30	-
5	Wall Int	90	0.5 kN	4.4 kN (Gc+Wd3)	-3.9 kN	1/QHS6wr	-
2	Wall Int	70	1.3 kN	8.9 kN (Gc+Wd3)	-7.7 kN	2/SB083/30	-
3	Wall Int	70	1.4 kN	9.7 kN (Gc+Wd3)	-8.5 kN	2/SB083/30	-
4	Wall Int	70	1.1 kN	7.7 kN (Gc+Wd3)	-6.8 kN	1/SB083/30	-

Truss Reference : N23 (Single Truss)

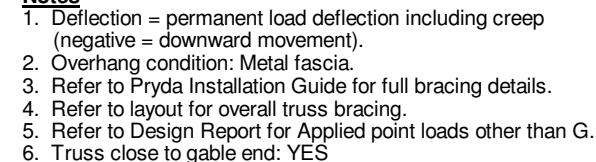
Building type: Residential (Importance Level 2)



Joint	Type	Width	Perm.	Max. down (LC)	Uplift	Tie-down	Connector
1	Truss Chord	35	1.7 kN	3.6 kN (Gc+Wd3)	-3.5 kN	-	TB35/12
5	Wall Ext	90	0.9 kN	2.6 kN (Gc+Qj)	-2.5 kN	1/SB083/30	-
13	Truss Chord	35	0.2 kN	0.8 kN (Gc+Qp)	-1.0 kN	-	-

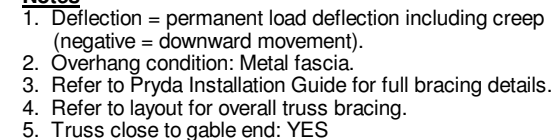
1. Deflection = permanent load deflection including creep (negative = downward movement).
2. Overhang condition: Metal fascia.
3. Refer to Pryda Installation Guide for full bracing details.
4. Refer to layout for overall truss bracing.
5. Refer to Design Report for Applied point loads other than G.
6. Truss close to gable end: YES

Building type: Residential (Importance Level 2)



Joint	Type	Width	Perm.	Max. down (LC)	Uplift	Tie-down	Connector
1	Truss Chord	35	1.6 kN	3.6 kN (Gc+Wd3)	-3.6 kN	-	TB35/12
5	Wall Ext	90	1.0 kN	2.6 kN (Gc+Qj)	-2.5 kN	1/SB083/30	-
13	Truss Chord	35	0.2 kN	0.8 kN (Gc+Qp)	-1.0 kN	-	-

Building type: Residential (Importance Level 2)



Joint	Type	Width	Perm.	Max. down (LC)	Uplift	Tie-down	Connector
1	Truss Chord	35	0.9 kN	2.9 kN (Gc+Wd3)	-4.0 kN	-	TB35/12
5	Wall Ext	90	0.7 kN	2.4 kN (Gc+Qj)	-2.7 kN	1/SB083/30	-
13	Truss Chord	35	0.2 kN	0.8 kN (Gc+Qp)	-1.0 kN	-	-

TRUSS DETAILS (DESIGN)

Ver 4.3.3.107

Job Ref: 16-1021

Truss Reference : N9 (Single Truss)

Date created: 29 May 2017

Page No: 33

Truss type: Non Standard
Building Standard : NCC-2015

No. plies : 1x35mm
Structural Category : 1

Design spacing : 900mm

No. of : 4

Building type: Residential (Importance Level 2)

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: Nil (0.0 kg/sq.m).
Lateral tie restraints @ 1800mm.

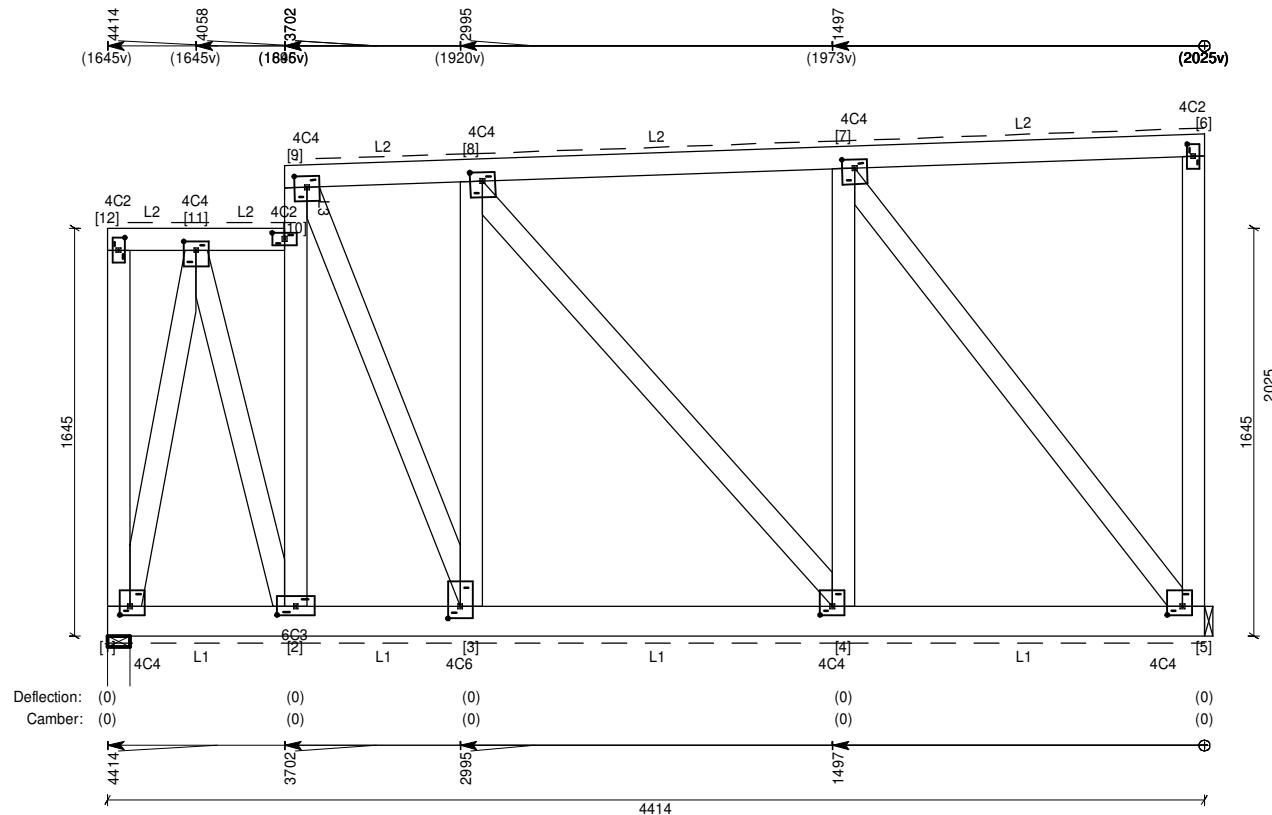
Timber

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

TC1 (6-9) 1 / 90x35 hySPAN+

Notes

1. Deflection = permanent load deflection including creep (negative = downward movement).
2. Overhang condition: Metal 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	Wall Int	90	0.8 kN	2.3 kN (Gc+Qj)	-2.3 kN	1/SB083/30	-
5	Truss Chord	35	0.7 kN	2.3 kN (Gc+Qj)	-2.5 kN	-	TB35/12

TRUSS DETAILS (DESIGN)

Ver 4.3.3.107

Job Ref: 16-1021

Truss Reference : S2 (Single Truss)

Date created: 29 May 2017

Page No: 34

Truss type: Standard

No. plies : 1x35mm

Design spacing : 900mm

No. of : 2

Building type: Residential (Importance Level 2)

Building Standard : NCC-2015

Structural Category : 1

Linings

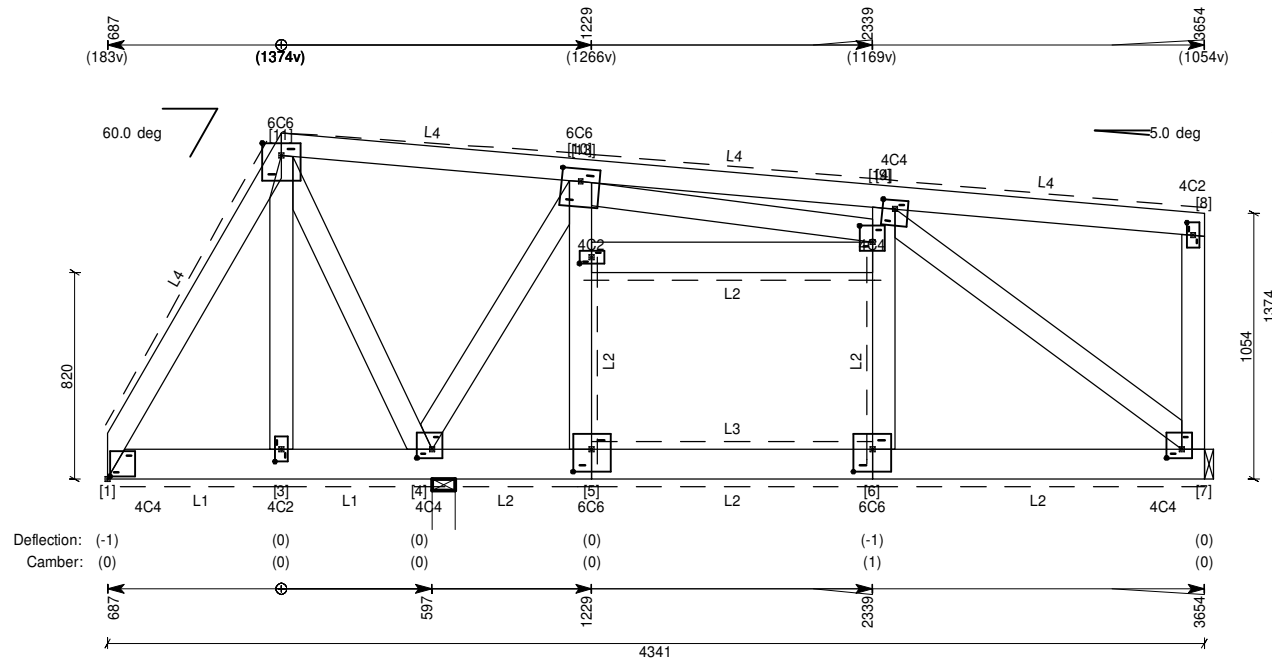
- L1: Fibrecement (4.5mm) (7.7 kg/sq.m).
Direct (nail/screw restraint) @ 600mm.
L2: 10mm plasterboard (7.2 kg/sq.m).
Battens @ 600mm.
L3: 75mm Hebel SoundFloor (51.0 kg/sq.m).
Direct (nail/screw restraint) @ 600mm.
L4: Sheet steel (0.48mm) (5.6 kg/sq.m).
Battens @ 1200mm.

Timber

- Top Chords 1 / 90x35 MGP10 uno
Bottom Chords 1 / 120x35 hySPAN+ uno
Webs 1 / 90x35 MGP10 uno

Notes

1. Deflection = permanent load deflection including creep (negative = downward movement).
2. Overhang condition: Metal 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
7	Truss Chord	35	0.9 kN	2.4 kN (Gc+Qj)	-1.1 kN	-	TB35/12
4	Wall Ext	90	1.7 kN	3.8 kN (Gc+Qj)	-2.2 kN	1/SB083/30	-

TRUSS DETAILS (DESIGN)

Ver 4.3.3.107

Job Ref: 16-1021

Truss Reference : S3 (Single Truss)

Date created: 29 May 2017

Page No: 35

Truss type: Standard

No. plies : 1x35mm

Design spacing : 900mm

No. of : 2

Building type: Residential (Importance Level 2)

Building Standard : NCC-2015

Structural Category : 1

Linings

- L1: Fibrecement (4.5mm) (7.7 kg/sq.m).
Direct (nail/screw restraint) @ 600mm.
L2: 10mm plasterboard (7.2 kg/sq.m).
Battens @ 600mm.
L3: 75mm Hebel SoundFloor (51.0 kg/sq.m).
Direct (nail/screw restraint) @ 600mm.
L4: Sheet steel (0.48mm) (5.6 kg/sq.m).
Battens @ 1200mm.

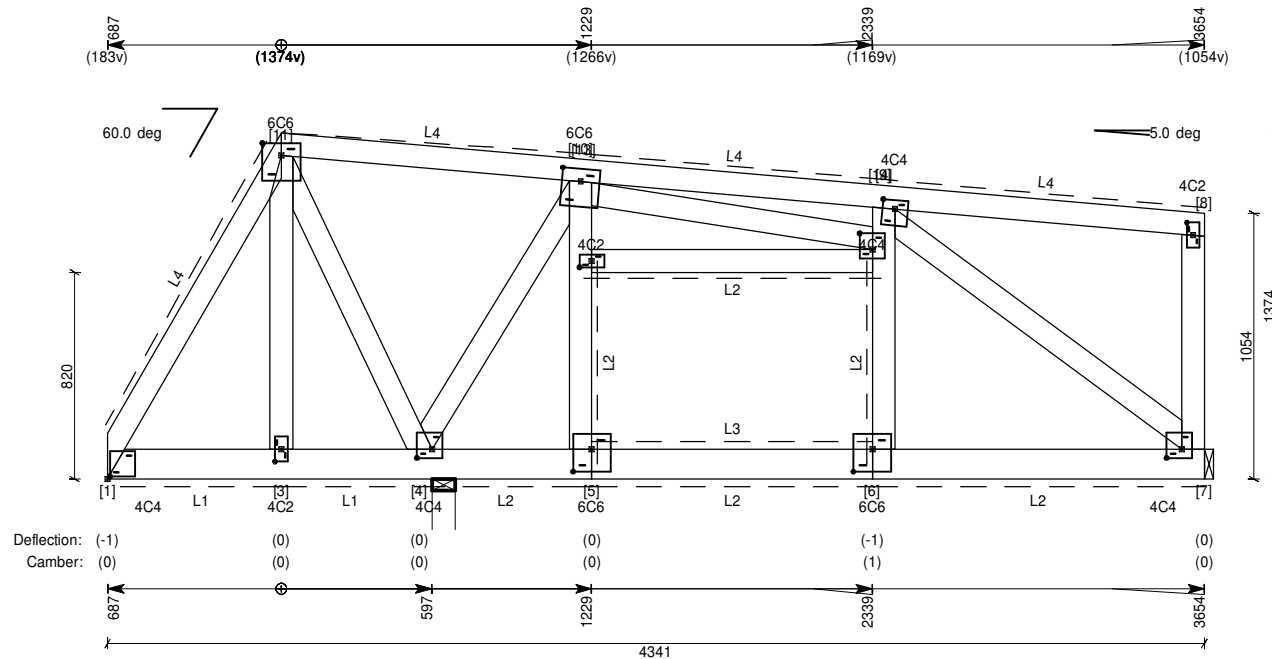
Timber

- Top Chords 1 / 90x35 MGP10 uno
Bottom Chords 1 / 120x35 hySPAN+ uno
Webs 1 / 90x35 MGP10 uno

IBC1 (13-14) 1 / 90x35 MGP10

Notes

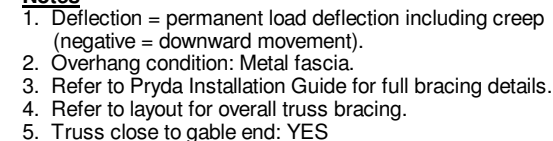
1. Deflection = permanent load deflection including creep (negative = downward movement).
2. Overhang condition: Metal fascia.
3. Refer to Pryda Installation Guide for full bracing details.
4. Refer to layout for overall truss bracing.
5. Truss close to gable end: YES



Major supports and factored reactions

Joint	Type	Width	Perm.	Max. down (LC)	Uplift	Tie-down	Connector
7	Truss Chord	35	0.9 kN	2.4 kN (Gc+Qj)	-1.1 kN	-	TB35/12
4	Wall Ext	90	1.7 kN	3.8 kN (Gc+Qj)	-2.2 kN	1/SB083/30	-

Building type: Residential (Importance Level 2)



Joint	Type	Width	Perm.	Max. down (LC)	Uplift	Tie-down	Connector
1	Beam Int	90	1.0 kN	2.3 kN (Gc+Wd2)	-3.2 kN	1/SB083/30	-
2	Wall Int	70	1.5 kN	2.8 kN (Gc+Wd1)	-3.9 kN	1/SB083/30	-
3	Wall Int	70	2.2 kN	7.4 kN (Gc+Wd1)	-4.6 kN	1/SB083/30	-
4	Wall Ext	90	1.0 kN	4.6 kN (Gc+Wd1)	-2.9 kN	1/SB083/30	-

TRUSS DETAILS (DESIGN)

Job Ref: 16-1021

Truss Reference : S1 (Single Truss)

Date created: 29 May 2017
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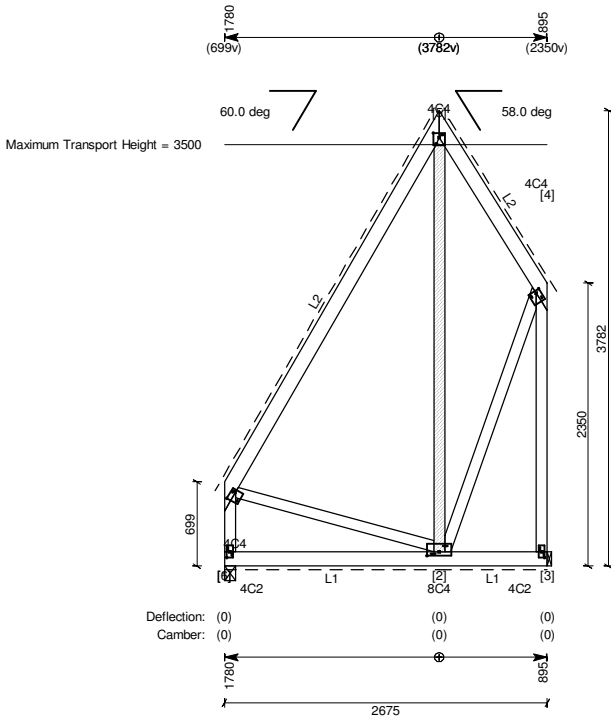
Truss type: Standard
Building Standard : NCC-2015

No. plies : 1x35mm
Structural Category : 1

Design spacing : 900mm

No. of : 4

Building type: Residential (Importance Level 2)



Linings

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

Timber

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

WB4 (2-5) 1 / 90x35 MGP10 + 1 Scab

Notes

1. Deflection = permanent load deflection including creep (negative = downward movement).
2. Overhang condition: Metal 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	90	0.6 kN	2.2 kN (Gc+Qj)	-0.6 kN	-	-
3	Truss Chord	35	0.6 kN	2.7 kN (Gc+Wd1)	-1.8 kN	-	TB35/12

Fixings

Fixing of Scabs - Use 1 rows of 2.8 dia x 65 nails at 250 c/c to fix scabs on WB4 (2-5)

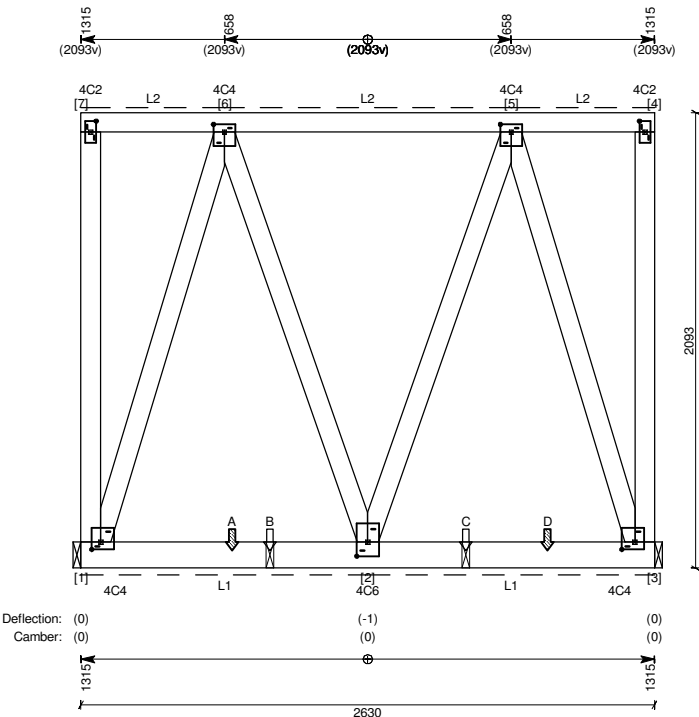
TRUSS DETAILS (DESIGN)

Job Ref: 16-1021

Truss Reference : PCG2 (Single Truss)

Date created: 29 May 2017
Page No: 38

Truss type: Parallel Chord No. plies : 1x35mm Design spacing : 900mm No. of : 1 Building type: Residential (Importance Level 2)
Building Standard : NCC-2015 Structural Category : 1



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 hySPAN+ uno
Webs 1 / 90x35 MGP10 uno

Supported trusses / Applied point loads

A: App'd (Gc=0.35kN) (693) B: N4 (865)
C: N4 (1765) D: App'd (Gc=0.35kN) (2139)
Note: numbers in brackets denote distance from left of truss.

Notes

- 1. Deflection = permanent load deflection including creep (negative = downward movement).
- 2. Overhang condition: Metal fascia.
- 3. Refer to Pryda Installation Guide for full bracing details.
- 4. Refer to layout for overall truss bracing.
- 5. Refer to Design Report for Applied point loads other than G.
- 6. 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	2.6 kN	4.2 kN (Gc+Q2r)	-4.4 kN	-	TB35/12
3	Truss Chord	35	2.7 kN	4.2 kN (Gc+Q2r)	-4.4 kN	-	TB35/12

TRUSS DETAILS (DESIGN)

Job Ref: 16-1021

Truss Reference : PCG3 (Single Truss)

Date created: 29 May 2017
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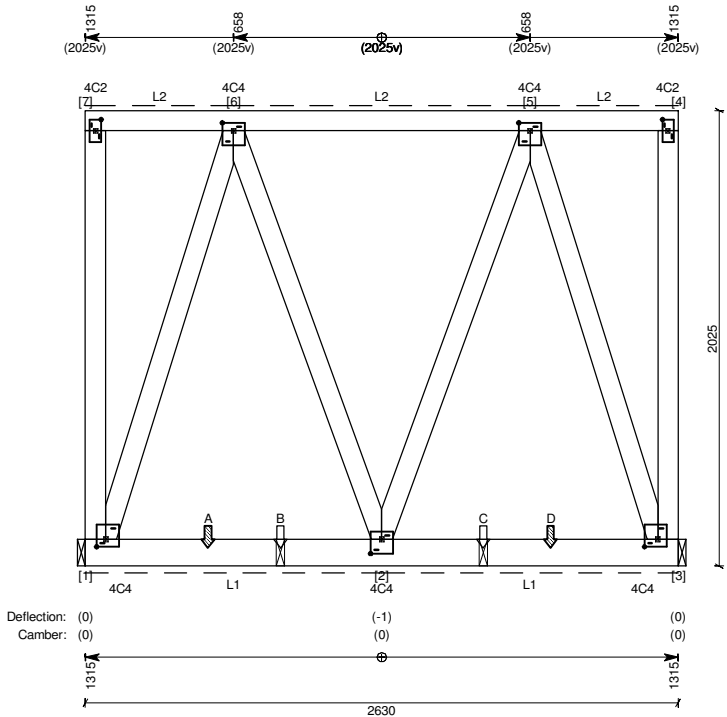
Truss type: Parallel Chord
Building Standard : NCC-2015

No. plies : 1x35mm
Structural Category : 1

Design spacing : 900mm

No. of : 1

Building type: Residential (Importance Level 2)



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 hySPAN+ uno
Webs 1 / 90x35 MGP10 uno

Supported trusses / Applied point loads

A: App'd (Gc=0.35kN) (544) B: N9 (865)
C: N9 (1765) D: App'd (Gc=0.35kN) (2064)
Note: numbers in brackets denote distance from left of truss.

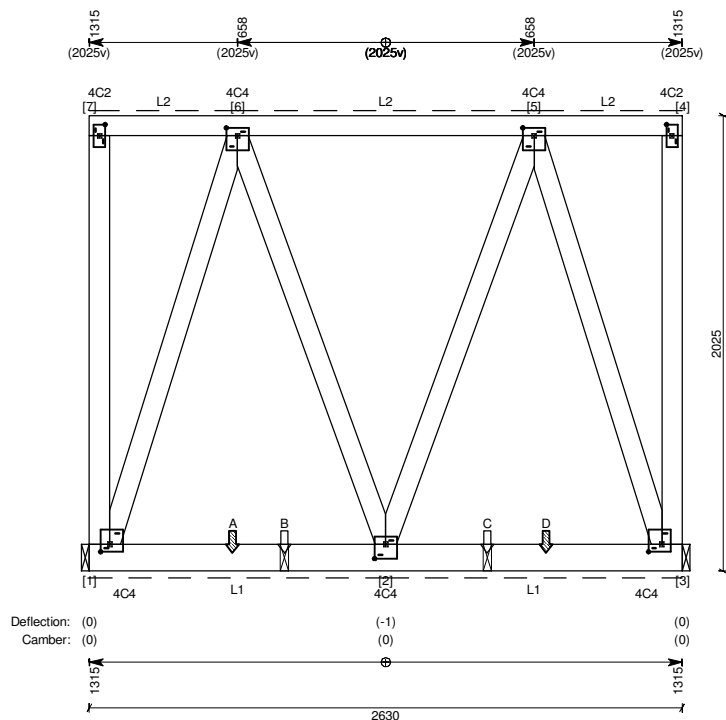
Notes

1. Deflection = permanent load deflection including creep (negative = downward movement).
2. Overhang condition: Metal fascia.
3. Refer to Pryda Installation Guide for full bracing details.
4. Refer to layout for overall truss bracing.
5. Refer to Design Report for Applied point loads other than G.
6. 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	1.6 kN	3.1 kN (Gc+Qj)	-3.3 kN	-	TB35/12
3	Truss Chord	35	1.6 kN	3.1 kN (Gc+Qj)	-3.3 kN	-	TB35/12

Building type: Residential (Importance Level 2)



1. Deflection = permanent load deflection including creep (negative = downward movement).
2. Overhang condition: Metal fascia.
3. Refer to Pryda Installation Guide for full bracing details.
4. Refer to layout for overall truss bracing.
5. Refer to Design Report for Applied point loads other than G.
6. Truss close to gable end: YES

Joint	Type	Width	Perm.	Max. down (LC)	Uplift	Tie-down	Connector
1	Truss Chord	35	1.6 kN	3.1 kN (Gc+Qj)	-3.3 kN	-	TB35/12
3	Truss Chord	35	1.6 kN	3.1 kN (Gc+Qj)	-3.3 kN	-	TB35/12

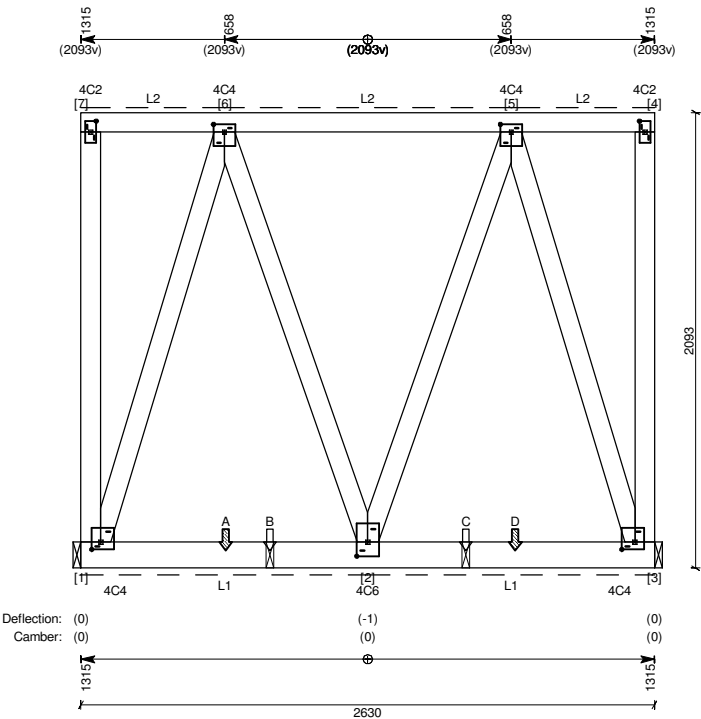
TRUSS DETAILS (DESIGN)

Job Ref: 16-1021

Truss Reference : PCG5 (Single Truss)

Date created: 29 May 2017
Page No: 41

Truss type: Parallel Chord No. plies : 1x35mm Design spacing : 900mm No. of : 1 Building type: Residential (Importance Level 2)
Building Standard : NCC-2015 Structural Category : 1



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 hySPAN+ uno
Webs 1 / 90x35 MGP10 uno

Supported trusses / Applied point loads

A: App'd (Gc=0.35kN) (664) B: N4 (865)
C: N4 (1765) D: App'd (Gc=0.35kN) (1991)
Note: numbers in brackets denote distance from left of truss.

Notes

- 1. Deflection = permanent load deflection including creep (negative = downward movement).
- 2. Overhang condition: Metal fascia.
- 3. Refer to Pryda Installation Guide for full bracing details.
- 4. Refer to layout for overall truss bracing.
- 5. Refer to Design Report for Applied point loads other than G.
- 6. 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	2.7 kN	4.2 kN (Gc+Q2r)	-4.4 kN	-	TB35/12
3	Truss Chord	35	2.7 kN	4.2 kN (Gc+Q2r)	-4.4 kN	-	TB35/12

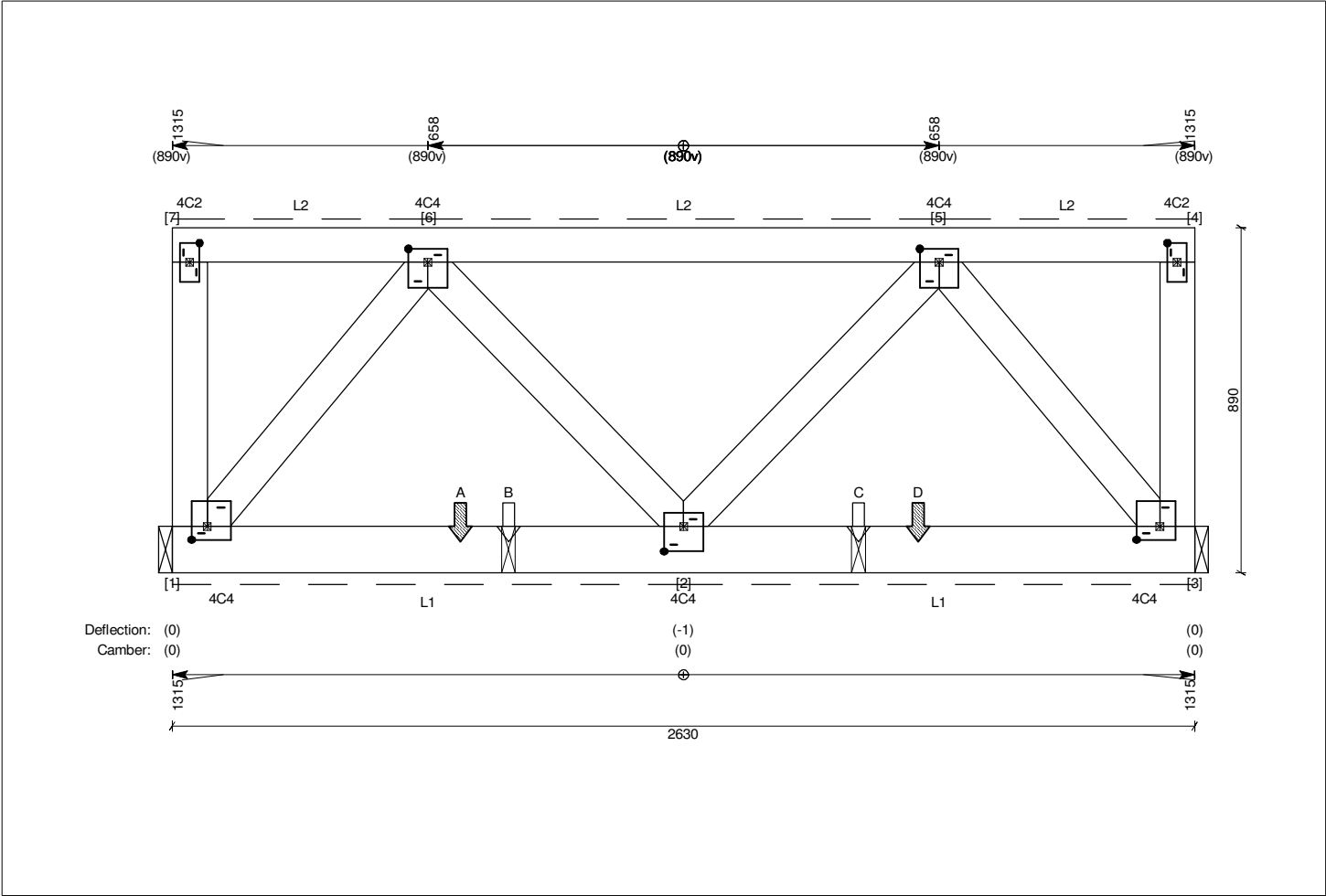
TRUSS DETAILS (DESIGN)

Job Ref: 16-1021

Truss Reference : PCG6 (Single Truss)

Date created: 29 May 2017
Page No: 42

Truss type: Parallel Chord No. plies : 1x35mm Design spacing : 900mm No. of : 1 Building type: Residential (Importance Level 2)
Building Standard : NCC-2015 Structural Category : 1



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 hySPAN+ uno
Webs 1 / 90x35 MGP10 uno

Supported trusses / Applied point loads

A: App'd (Gc=0.35kN) (741) B: N20 (865)
C: N21 (1765) D: App'd (Gc=0.35kN) (1918)
Note: numbers in brackets denote distance from left of truss.

Notes

- 1. Deflection = permanent load deflection including creep (negative = downward movement).
- 2. Overhang condition: Metal fascia.
- 3. Refer to Pryda Installation Guide for full bracing details.
- 4. Refer to layout for overall truss bracing.
- 5. Refer to Design Report for Applied point loads other than G.
- 6. 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	2.2 kN	3.9 kN (Gc+Wd1)	-4.5 kN	-	TB35/12
3	Truss Chord	35	2.0 kN	3.7 kN (Gc+Wd1)	-4.7 kN	-	TB35/12

TRUSS DETAILS (DESIGN)

Job Ref: 16-1021

Truss Reference : PCG7 (Single Truss)

Date created: 29 May 2017

Page No: 43

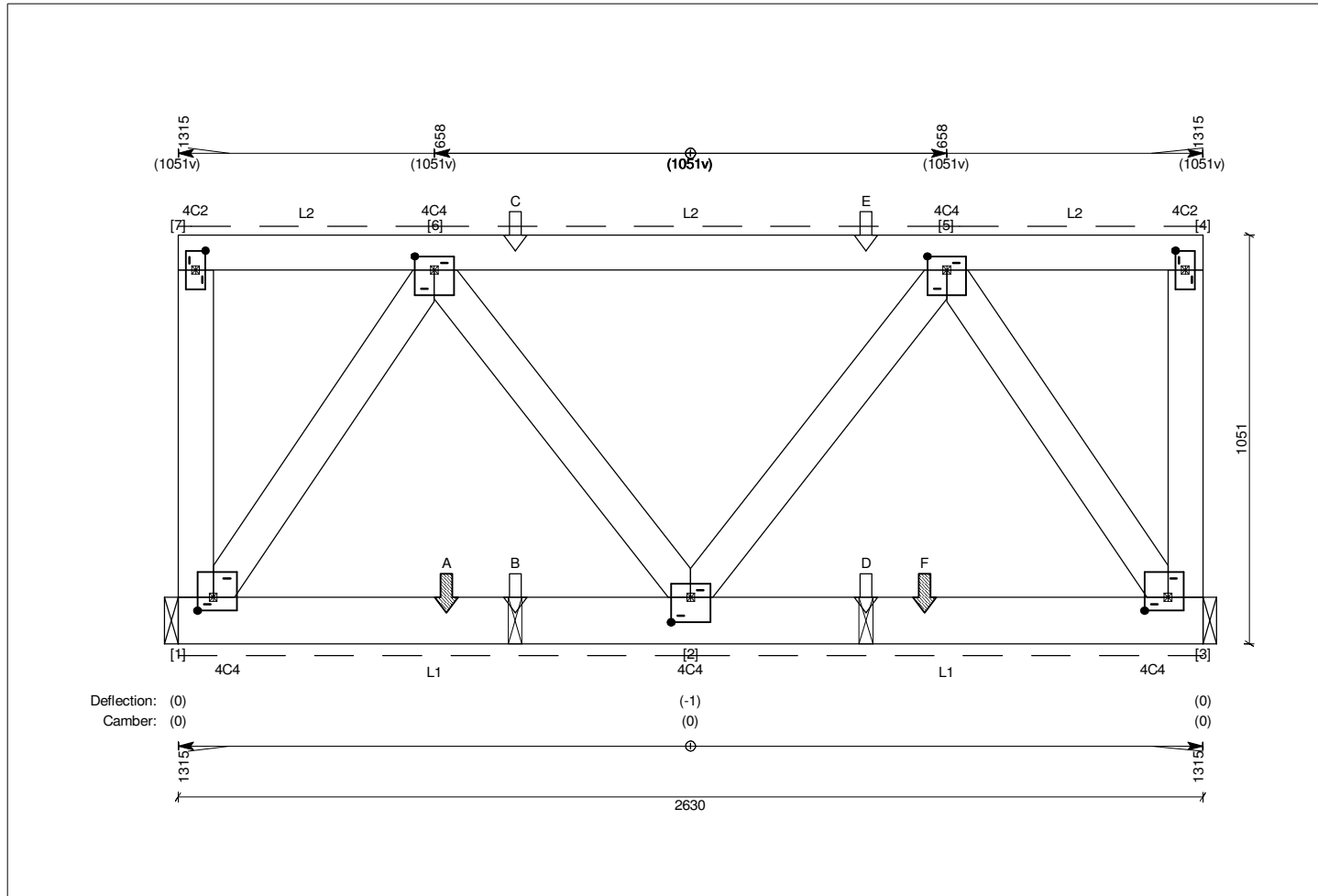
Truss type: Parallel Chord
Building Standard : NCC-2015

No. plies : 1x35mm
Structural Category : 1

Design spacing : 900mm

No. of : 1

Building type: Residential (Importance Level 2)



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 hySPAN+ uno
Webs 1 / 90x35 MGP10 uno

Supported trusses / Applied point loads

A: App'd (Gc=0.35kN) (688) B: S2 (865)
C: N20 (865) D: S2 (1765)
E: N21 (1765) F: App'd (Gc=0.35kN) (1915)
Note: numbers in brackets denote distance from left of truss.

Notes

1. Deflection = permanent load deflection including creep (negative = downward movement).
2. Overhang condition: Metal fascia.
3. Refer to Pryda Installation Guide for full bracing details.
4. Refer to layout for overall truss bracing.
5. Refer to Design Report for Applied point loads other than G.
6. 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	1.9 kN	3.3 kN (Gc+Qj)	-2.7 kN	-	TB35/12
3	Truss Chord	35	1.9 kN	3.3 kN (Gc+Qj)	-2.7 kN	-	TB35/12

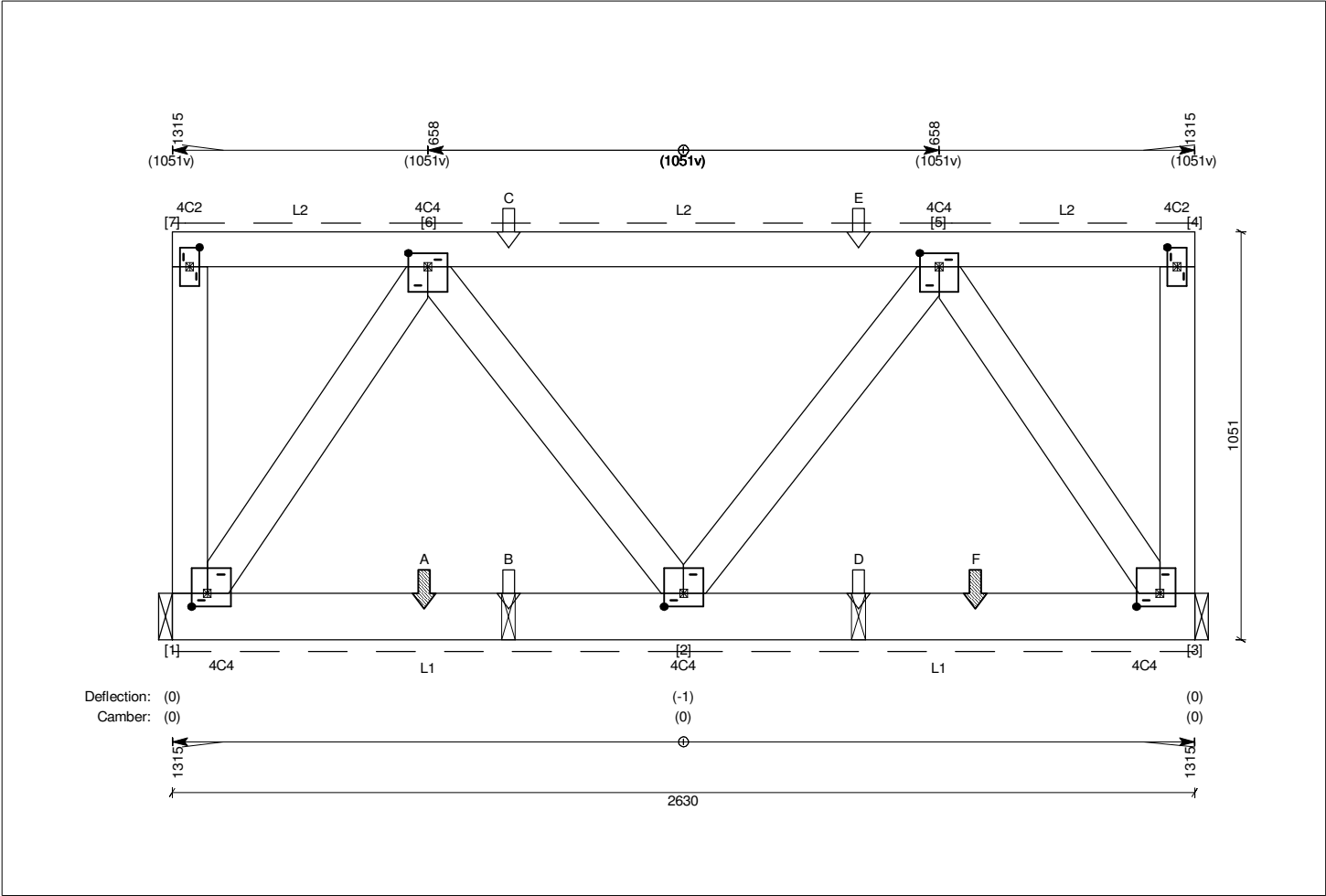
TRUSS DETAILS (DESIGN)

Job Ref: 16-1021

Truss Reference : PCG8 (Single Truss)

Date created: 29 May 2017
Page No: 44

Truss type: Parallel Chord No. plies : 1x35mm Design spacing : 900mm No. of : 1 Building type: Residential (Importance Level 2)
Building Standard : NCC-2015 Structural Category : 1



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 hySPAN+ uno
Webs 1 / 90x35 MGP10 uno

Supported trusses / Applied point loads

A: App'd (Gc=0.35kN) (648) B: S3 (865)
C: N22 (865) D: S3 (1765)
E: N23 (1765) F: App'd (Gc=0.35kN) (2066)
Note: numbers in brackets denote distance from left of truss.

Notes

- 1. Deflection = permanent load deflection including creep (negative = downward movement).
- 2. Overhang condition: Metal fascia.
- 3. Refer to Pryda Installation Guide for full bracing details.
- 4. Refer to layout for overall truss bracing.
- 5. Refer to Design Report for Applied point loads other than G.
- 6. 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	1.8 kN	3.3 kN (Gc+Qj)	-2.7 kN	-	TB35/12
3	Truss Chord	35	1.9 kN	3.3 kN (Gc+Qj)	-2.7 kN	-	TB35/12

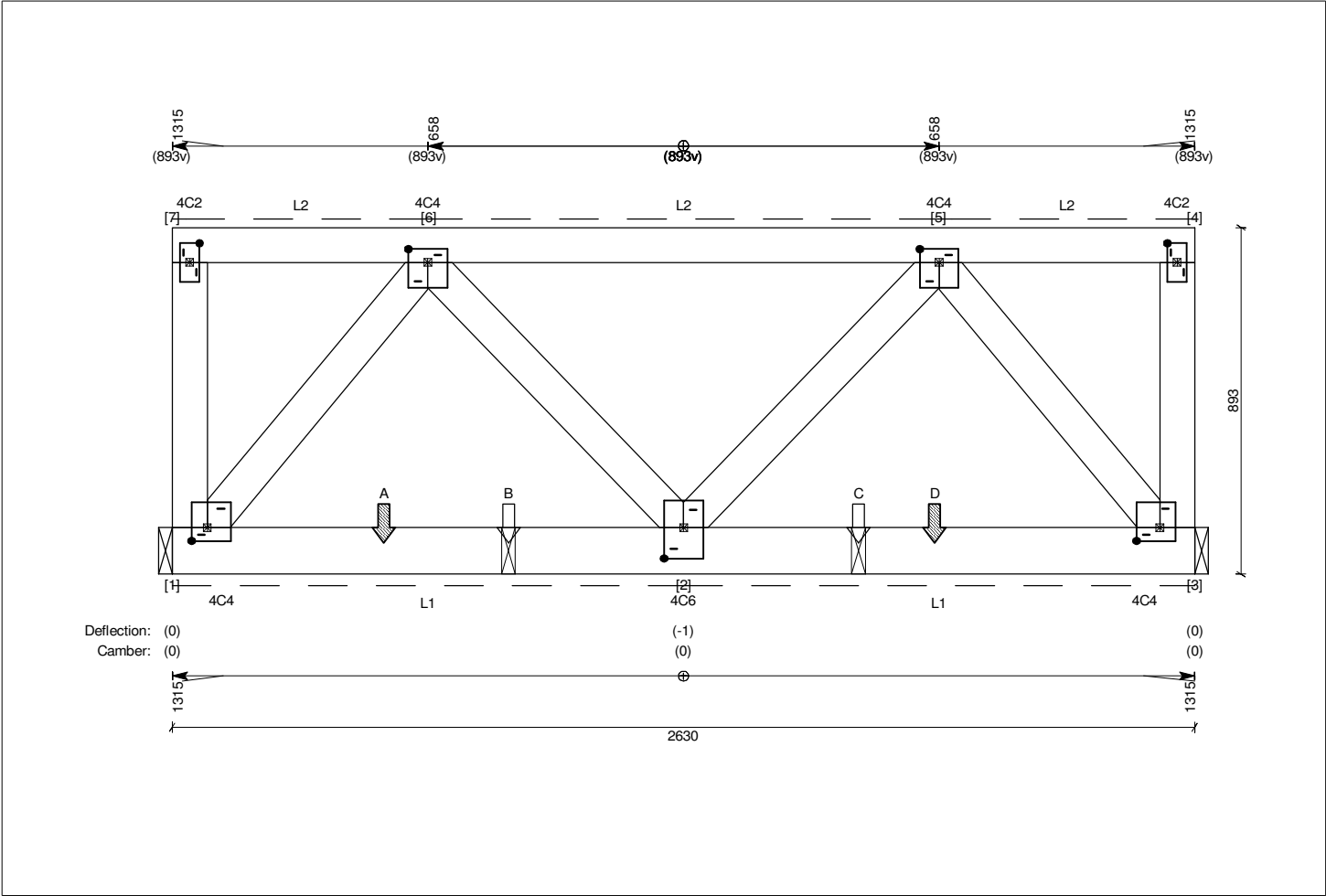
TRUSS DETAILS (DESIGN)

Job Ref: 16-1021

Truss Reference : PCG9 (Single Truss)

Date created: 29 May 2017
Page No: 45

Truss type: Parallel Chord No. plies : 1x35mm Design spacing : 900mm No. of : 1 Building type: Residential (Importance Level 2)
Building Standard : NCC-2015 Structural Category : 1



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: App'd (Gc=0.35kN) (544) B: N22 (865)
C: N23 (1765) D: App'd (Gc=0.35kN) (1961)
Note: numbers in brackets denote distance from left of truss.

Notes

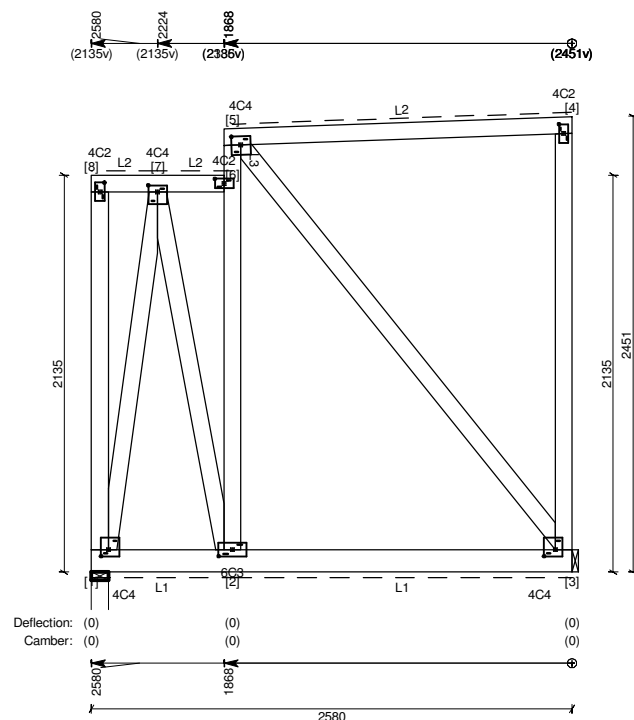
1. Deflection = permanent load deflection including creep (negative = downward movement).
2. Overhang condition: Metal fascia.
3. Refer to Pryda Installation Guide for full bracing details.
4. Refer to layout for overall truss bracing.
5. Refer to Design Report for Applied point loads other than G.
6. 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	2.5 kN	4.1 kN (Gc+Wd1)	-4.3 kN	-	TB35/12
3	Truss Chord	35	2.4 kN	4.1 kN (Gc+Wd1)	-4.3 kN	-	TB35/12

Truss Reference : N8 (Single Truss)

Building type: Residential (Importance Level 2)



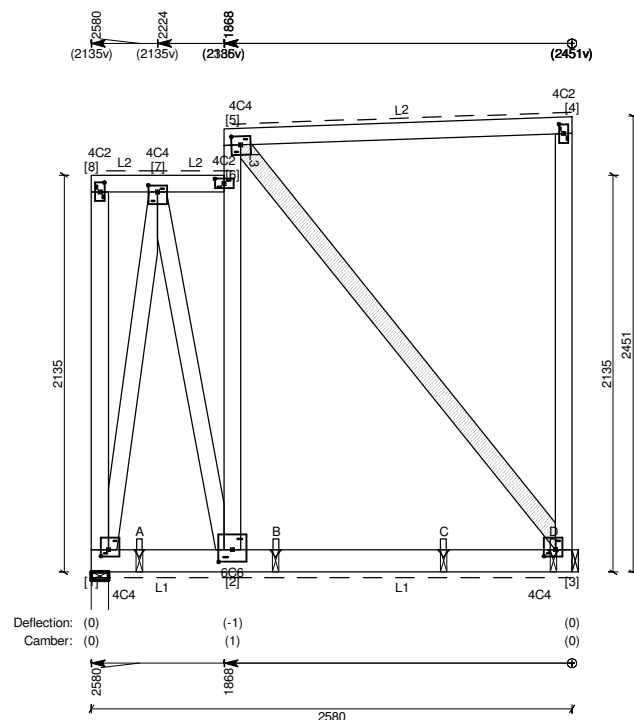
L1: 10mm plasterboard (7.2 kg/sq.m).
Direct (nail/screw restraint) @ 600mm.
L2: Sheet steel (0.48mm) (5.6 kg/sq.m).
Battens @ 1200mm.
L3: Nil (0.0 kg/sq.m).
Lateral tie restraints @ 1800mm.

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

1. Deflection = permanent load deflection including creep (negative = downward movement).
2. Overhang condition: Metal 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

Joint	Type	Width	Perm.	Max. down (LC)	Uplift	Tie-down	Connector
1	Wall Int	90	0.5 kN	2.1 kN (Gc+Qi)	-1.3 kN	1/SB083/30	-
3	Truss Chord	35	0.4 kN	2.0 kN (Gc+Qi)	-1.5 kN	-	TB35/12

Building type: Residential (Importance Level 2)



1. Deflection = permanent load deflection including creep (negative = downward movement).
2. Overhang condition: Metal 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

Fixings
Fixing of Scabs - Use 1 rows of 2.8 dia x 65 nails at 250 c/c to fix scabs on WB5 (3-5)

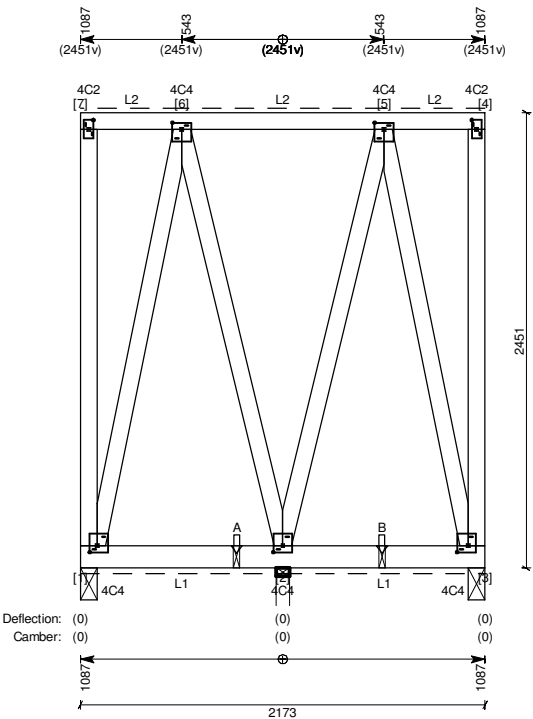
TRUSS DETAILS (DESIGN)

Job Ref: 16-1021

Truss Reference : PCG10 (Single Truss)

Date created: 29 May 2017
Page No: 48

Truss type: Parallel Chord No. plies : 1x35mm Design spacing : 900mm No. of : 1 Building type: Residential (Importance Level 2)
Building Standard : NCC-2015 Structural Category : 1



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 hySPAN+ uno
Webs 1 / 90x35 MGP10 uno

Supported trusses / Applied point loads

A: N8 (839) B: NG2 (1619)
Note: numbers in brackets denote distance from left of truss.

Notes

- 1. Deflection = permanent load deflection including creep (negative = downward movement).
- 2. Overhang condition: Metal 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	Beam Int	90	0.0 kN	1.2 kN (Gc+Qj)	-0.6 kN	1/SB083/30	-
3	Beam Int	90	0.8 kN	2.7 kN (Gc+Wd1)	-2.4 kN	1/SB083/30	-
2	Wall Int	70	1.9 kN	5.8 kN (Gc+Wd1)	-6.1 kN	1/SB083/30	-

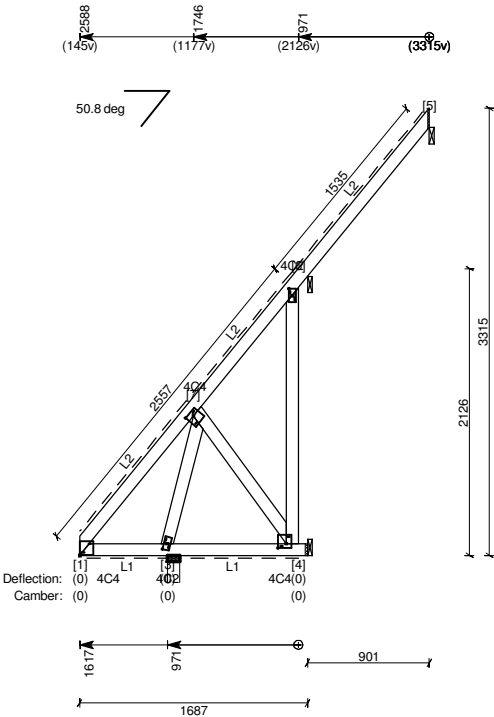
TRUSS DETAILS (DESIGN)

Job Ref: 16-1021

Truss Reference : H1 (Single Truss)

Date created: 29 May 2017
Page No: 49

Truss type: Hip No. plies : 1x35mm Design spacing : 900mm No. of : 1 Building type: Residential (Importance Level 2)
Building Standard : NCC-2015 Structural Category : 1



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 hySPAN+ 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: Metal 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	0.3 kN (Gc+Qj)	-0.2 kN	3/65x2.8 dia Skew Nails	
6	Truss Chord	35	0.1 kN	1.4 kN (Gc+Qj)	-0.8 kN	2/65x2.8 dia Skew Nails	
3	Wall Int	90	0.1 kN	2.8 kN (Gc+Qj)	No uplift	2/65x2.8 dia Skew Nails	

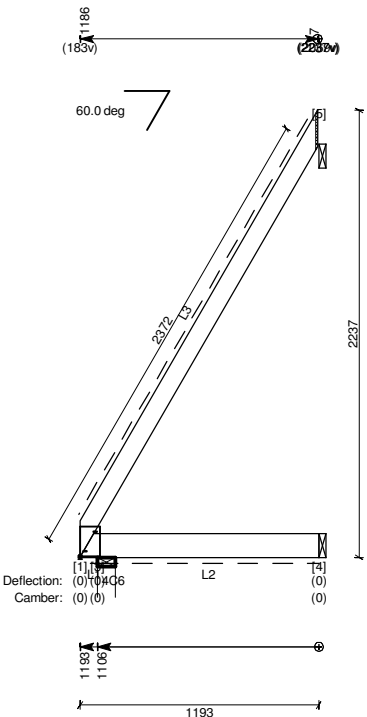
TRUSS DETAILS (DESIGN)

Job Ref: 16-1021

Truss Reference : J1 (Single Truss)

Date created: 29 May 2017
Page No: 50

Truss type: Jack No. plies : 1x35mm Design spacing : 900mm No. of : 1 Building type: Residential (Importance Level 2) Span : 1193mm
Building Standard : NCC-2015 Structural Category : 1



Linings

L1: Fibrecement (4.5mm) (7.7 kg/sq.m).
Direct (nail/screw restraint) @ 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 hySPAN+ uno
Bottom Chords 1 / 120x35 hySPAN+ uno

Notes

- 1. Deflection = permanent load deflection including creep (negative = downward movement).
- 2. Overhang condition: Metal 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	1.7 kN (Gc+Qj)	-0.4 kN	3/65x2.8 dia Skew Nails	
5	Truss Chord	35	0.1 kN	1.7 kN (Gc+Qj)	-1.0 kN	1/MG	-
3	Wall Ext	90	0.3 kN	2.1 kN (Gc+Qj)	-0.4 kN	2/65x2.8 dia Skew Nails	

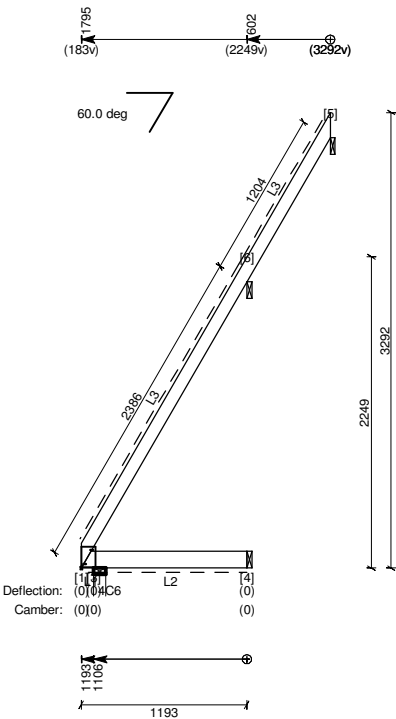
TRUSS DETAILS (DESIGN)

Job Ref: 16-1021

Truss Reference : J2 (Single Truss)

Date created: 29 May 2017
Page No: 51

Truss type: Jack No. plies : 1x35mm Design spacing : 900mm No. of : 4 Building type: Residential (Importance Level 2) Span : 1193mm
Building Standard : NCC-2015 Structural Category : 1



Linings

- L1: Fibrecement (4.5mm) (7.7 kg/sq.m).
Direct (nail/screw restraint) @ 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 hySPAN+ uno
- Bottom Chords 1 / 120x35 hySPAN+ uno

Notes

- 1. Deflection = permanent load deflection including creep (negative = downward movement).
- 2. Overhang condition: Metal 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	1.7 kN (Gc+Qj)	-0.4 kN	3/65x2.8 dia Skew Nails	
6	Truss Chord	35	0.3 kN	2.5 kN (Gc+Wd1)	-2.1 kN	1/MG	-
3	Wall Ext	90	0.3 kN	2.1 kN (Gc-Wu3)	-1.7 kN	1/SB083/30	-

TRUSS DETAILS (DESIGN)

Job Ref: 16-1021

Truss Reference : M1 (Single Truss)

Date created: 29 May 2017
Page No: 52

Truss type: Mono

Building Standard : NCC-2015

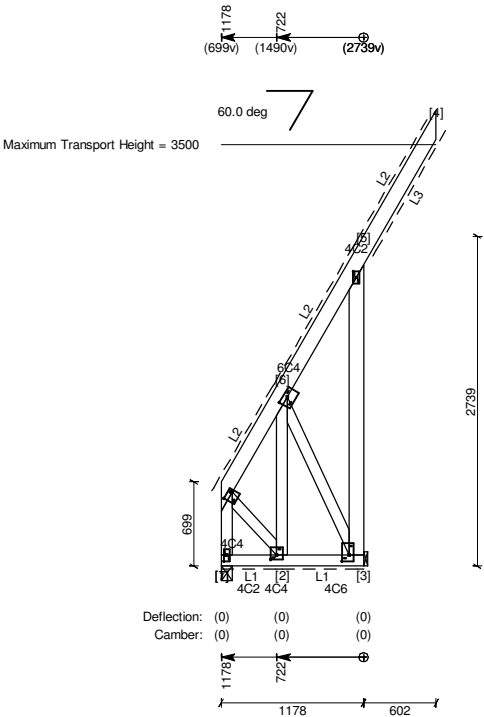
No. plies : 1x35mm

Structural Category : 1

Design spacing : 900mm

No. of : 6

Building type: Residential (Importance Level 2)



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).
Direct (nail/screw restraint) @ 600mm.

Timber

- Top Chords 1 / 120x35 hySPAN+ uno
- Bottom Chords 1 / 90x35 MGP10 uno
- Webs 1 / 90x35 MGP10 uno

WB2 (3-5) 1 / 120x35 MGP10

Notes

- Deflection = permanent load deflection including creep (negative = downward movement).
- Overhang condition: Metal fascia.
- Refer to Pryda Installation Guide for full bracing details.
- Refer to layout for overall truss bracing.
- 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	90	0.2 kN	3.9 kN (Gc-Wu2)	-3.5 kN	-	-
3	Truss Chord	35	0.7 kN	5.7 kN (Gc+Wd1)	-4.7 kN	-	TB35/12