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TRUSS DETAILS (DESIGN)

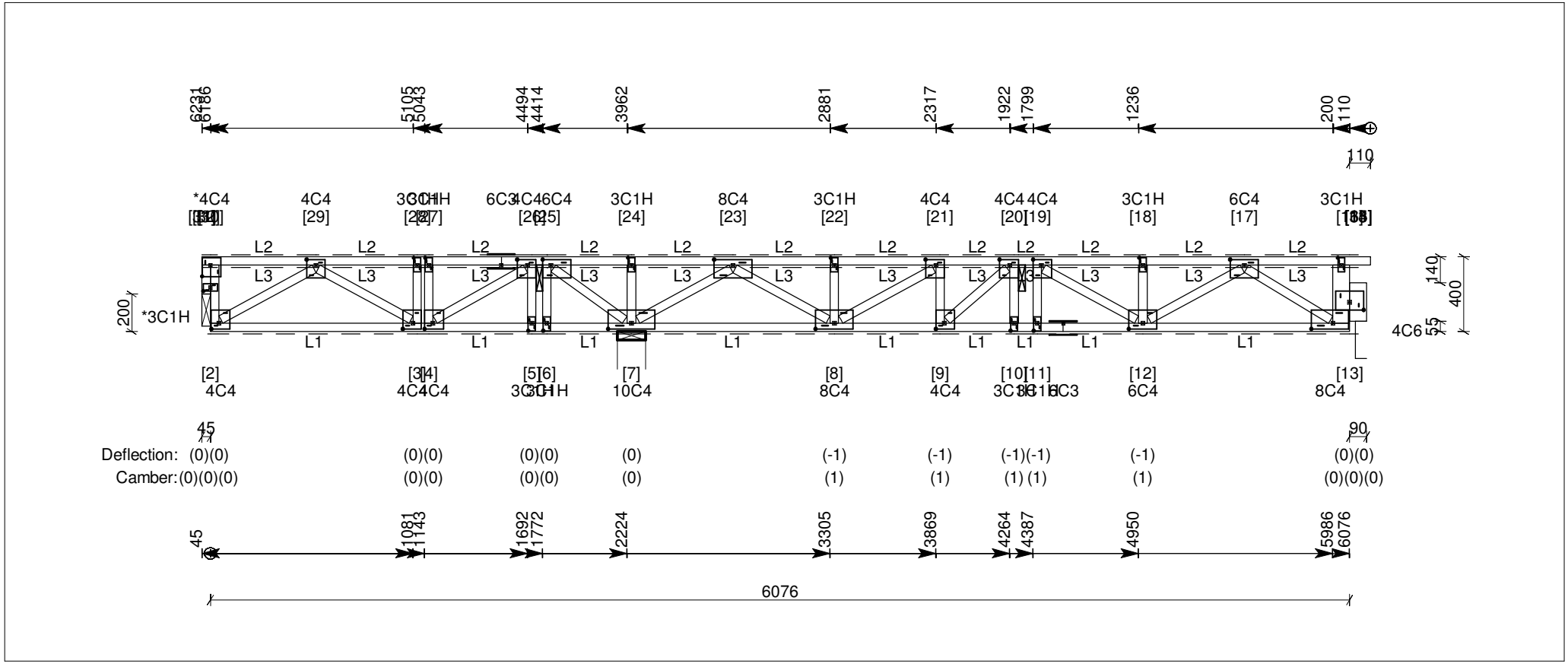
Ver 4.3.3.107

Job Ref: 16-1021

Truss Reference : FT55 (Single Floor Truss)

Date created: 29 May 2017
Page No: 1

Truss type: Standard Floor **No. plies:** 1x90mm **Design spacing:** 600mm **No. of :** 14 **Building type:** Residential (Importance Level 2) **Imposed Floor loading:** 1.5 kPa, 1.8 kN **Floor performance criteria:** Normal
Structural Category: 1



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: Normal (carpet, etc) (3.0 kg/sq.m).

Imposed Floor Loading Exceptions

Panels	Loads
	3.0 kPa, 2.7 kN

Timber

Top Chords	1 / 45x90 MGP12 uno
Bottom Chords	1 / 45x90 MGP12 uno
Webs	1 / 45x90 MGP12 uno
WB24 (13-16)	1 / 90x90 MGP10

Notes
1. Deflection = permanent load deflection including creep (negative = downward movement).
2. Refer to "Guide to Installation - Pryda floor truss and rafter truss systems."
3. Floor dynamic performance is assessed on the basis of rigid supports (eg: walls) and using a minimum 140x35MGP10 strongback located near mid-span.

Major supports and factored reactions

Joint	Type	Width	Perm.	Max. down (LC)	Uplift	Tie-down	Connector
7	Wall Int	150	2.3 kN	12.6 kN (Gc+Q2f)	No uplift	-	-
32	Beam Int	45	0.4 kN	3.0 kN (Gc+Q3f)	-0.6 kN	-	-
33	Steel/Conc Int	60	1.0 kN	5.5 kN (Gc+Q4f)	No uplift	-	-

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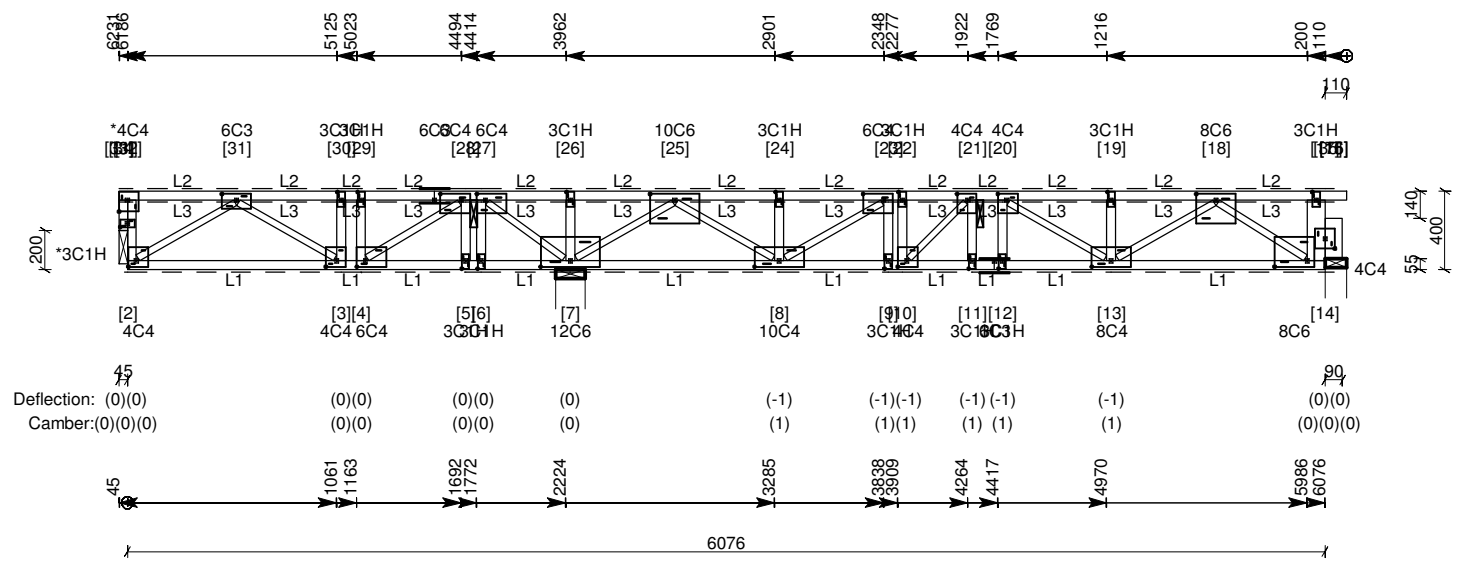
TRUSS DETAILS (DESIGN)

Job Ref: 16-1021

Truss Reference : FT56 (Single Floor Truss)

Truss type: Standard Floor **No. plies:** 1x90mm **Design spacing:** 600mm **No. of :** 1 **Building type:** Residential (Importance level 2) **Imposed floor loading:** 1.5 kPa, 1.8 kN **Floor performance criteria:** Normal
Structural Category: 1



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: Normal (carpet, etc) (3.0 kg/sq.m).

Imposed Floor Loading Exceptions

Panels	Loads
	3.0 kPa, 2.7 kN

Timber

Top Chords	1 / 45x90 MGP12 uno
Bottom Chords	1 / 45x90 MGP12 uno
Webs	1 / 45x90 MGP10 uno
WB3 (2-31)	1 / 35x90 MGP10
WB4 (3-31)	1 / 35x90 MGP10
WB7 (4-28)	1 / 35x90 MGP10
WB10 (7-27)	1 / 35x90 MGP10
WB12 (7-25)	1 / 35x90 MGP10
WB13 (8-25)	1 / 35x90 MGP10
WB15 (8-23)	1 / 35x90 MGP10
WB18 (10-21)	1 / 35x90 MGP10
WB21 (13-20)	1 / 35x90 MGP10
WB23 (13-18)	1 / 35x90 MGP10
WB24 (14-18)	1 / 35x90 MGP10
WB25 (14-17)	1 / 90x90 MGP10

Notes
1. Deflection = permanent load deflection including creep (negative = downward movement).
2. Refer to "Guide to Installation - Pryda floor truss and rafter truss systems."
3. Floor dynamic performance is assessed on the basis of rigid supports (eg: walls) and using a minimum 140x35MGP10 strongback located near mid-span.

Major supports and factored reactions

Joint	Type	Width	Perm.	Max. down (LC)	Uplift	Tie-down	Connector
7	Wall Int	150	2.3 kN	12.3 kN (Gc+Q2f)	No uplift	-	-
34	Beam Int	45	0.4 kN	3.1 kN (Gc+Q3f)	-0.5 kN	-	-
35	Wall Int	110	1.0 kN	5.6 kN (Gc+Q4f)	No uplift	-	-

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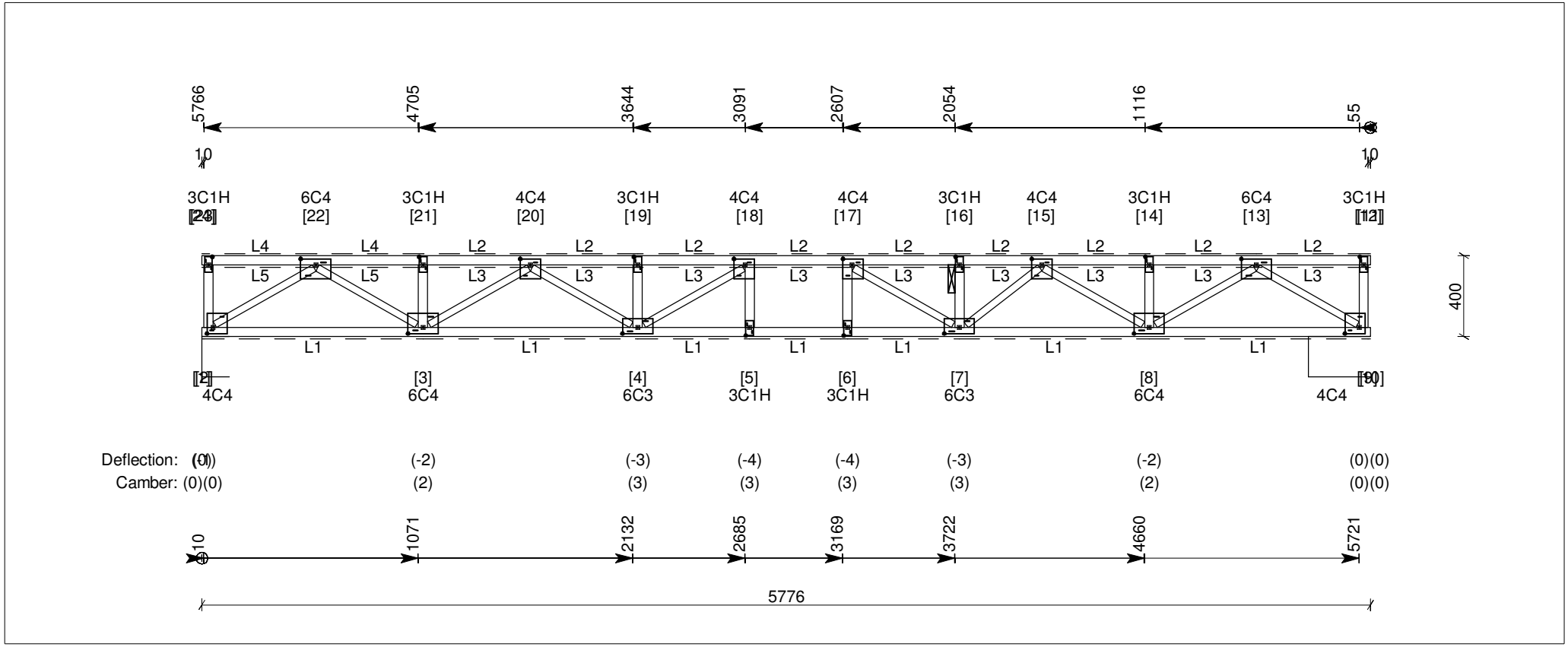
TRUSS DETAILS (DESIGN)

Job Ref: 16-1021

Truss Reference : FT47 (Double Floor Truss)

Truss type: Standard Floor **No. plies:** 2x90mm **Design spacing:** 600mm **No. of :** 1 **Building type:** Residential (Importance level 2) **Imposed floor loading:** 1.5 kPa, 1.8 kN **Floor performance criteria:** Normal
Structural Category: 1



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: Normal (carpet, etc) (3.0 kg/sq.m).
L4: 18mm fibrecement sheet (wet areas) (34.0 kg/sq.m).
Direct (nail/screw restraint) @ 450mm.
L5: Ceramic tiles on 40mm mortar bed (60.0 kg/sq.m).

Timber

Top Chords	2 / 45x90 MGP12 uno
Bottom Chords	2 / 45x90 MGP12 uno
Webs	2 / 35x90 MGP10 uno
WB1 (2-23)	2 / 45x90 MGP10
WB4 (3-21)	2 / 45x90 MGP10
WB7 (4-19)	2 / 45x90 MGP10
WB9 (5-18)	2 / 45x90 MGP10
WB10 (6-17)	2 / 45x90 MGP10
WB12 (7-16)	2 / 45x90 MGP10
WB15 (8-14)	2 / 45x90 MGP10
WB18 (9-12)	2 / 45x90 MGP10

Notes

1. Deflection = permanent load deflection including creep (negative = downward movement).
2. Refer to "Guide to Installation - Pryda floor truss and rafter truss systems."
3. Floor dynamic performance is assessed on the basis of rigid supports (eg: walls) and using a minimum 140x35MGP10 strongback located near mid-span.

Major supports and factored reactions

Joint	Type	Width	Perm.	Max. down (LC)	Uplift	Tie-down	Connector
2	Steel/Conc Int	136	2.3 kN	5.9 kN (Gc+Q2f)	No uplift	-	-
9	Steel/Conc Int	307	2.0 kN	5.7 kN (Gc+Q2f)	No uplift	-	-

Fixings

Double Floor Truss - Fix trusses together as shown in the Pryda Guide to Installation (Floor Truss and Rafter Truss systems).

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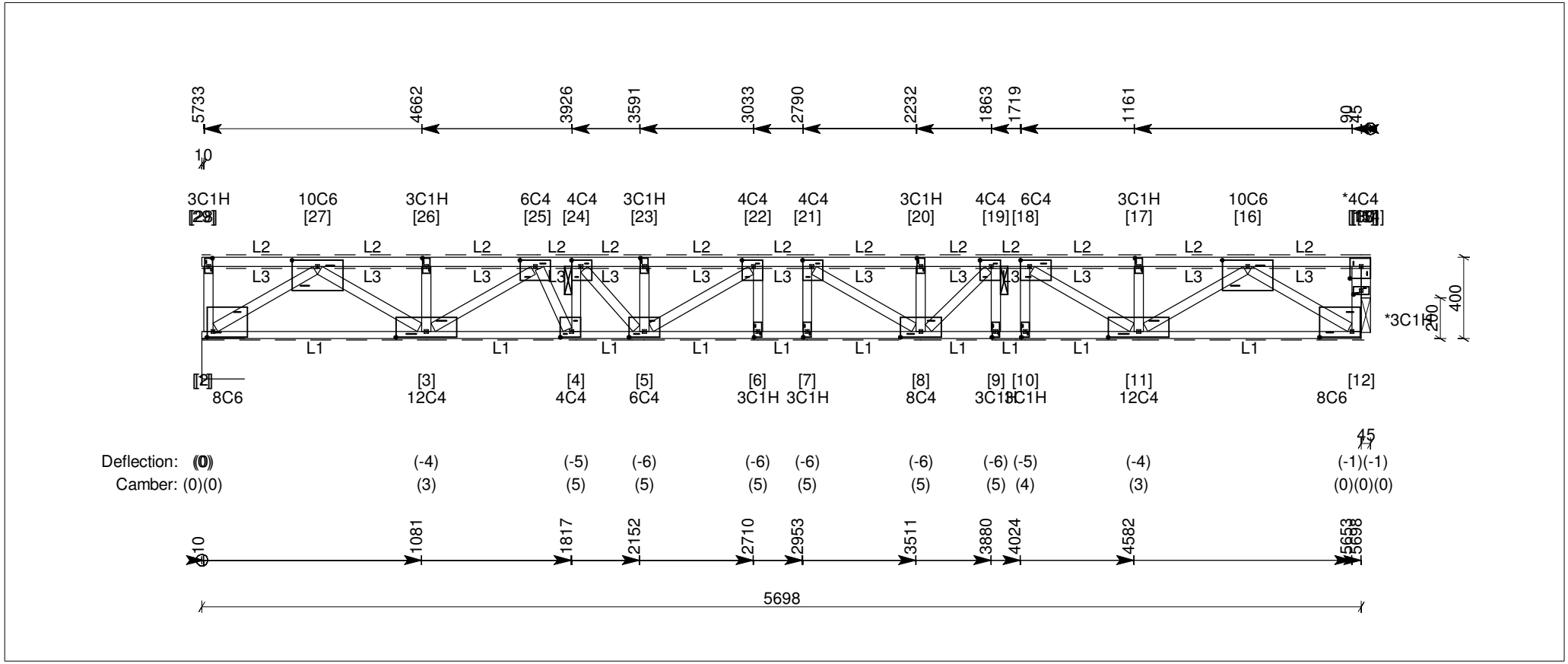
TRUSS DETAILS (DESIGN)

Job Ref: 16-1021

Truss Reference : FT54 (Single Floor Truss)

Truss type: Standard Floor **No. plies:** 1x90mm **Design spacing:** 600mm **No. of :** 13 **Building type:** Residential (Importance level 2) **Imposed floor loading:** 1.5 kPa, 1.8 kN **Floor performance criteria:** Normal
Structural Category: 1



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: Normal (carpet, etc) (3.0 kg/sq.m).

Imposed Floor Loading Exceptions

Panels	Loads
14 - 27	3.0 kPa, 2.7 kN

Timber

Top Chords	1 / 45x90 MGP12 uno
Bottom Chords	1 / 35x90 hySPAN+ uno
Webs	1 / 45x90 MGP12 uno

Notes
1. Deflection = permanent load deflection including creep (negative = downward movement).
2. Refer to "Guide to Installation - Pryda floor truss and rafter truss systems."
3. Floor dynamic performance is assessed on the basis of rigid supports (eg: walls) and using a minimum 140x35MGP10 strongback located near mid-span.

Major supports and factored reactions

Joint	Type	Width	Perm.	Max. down (LC)	Uplift	Tie-down	Connector
2	Steel/Conc Int	209	1.7 kN	9.3 kN (Gc+Q2f)	No uplift	-	-
30	Beam Int	45	1.7 kN	9.3 kN (Gc+Q2f)	No uplift	-	-

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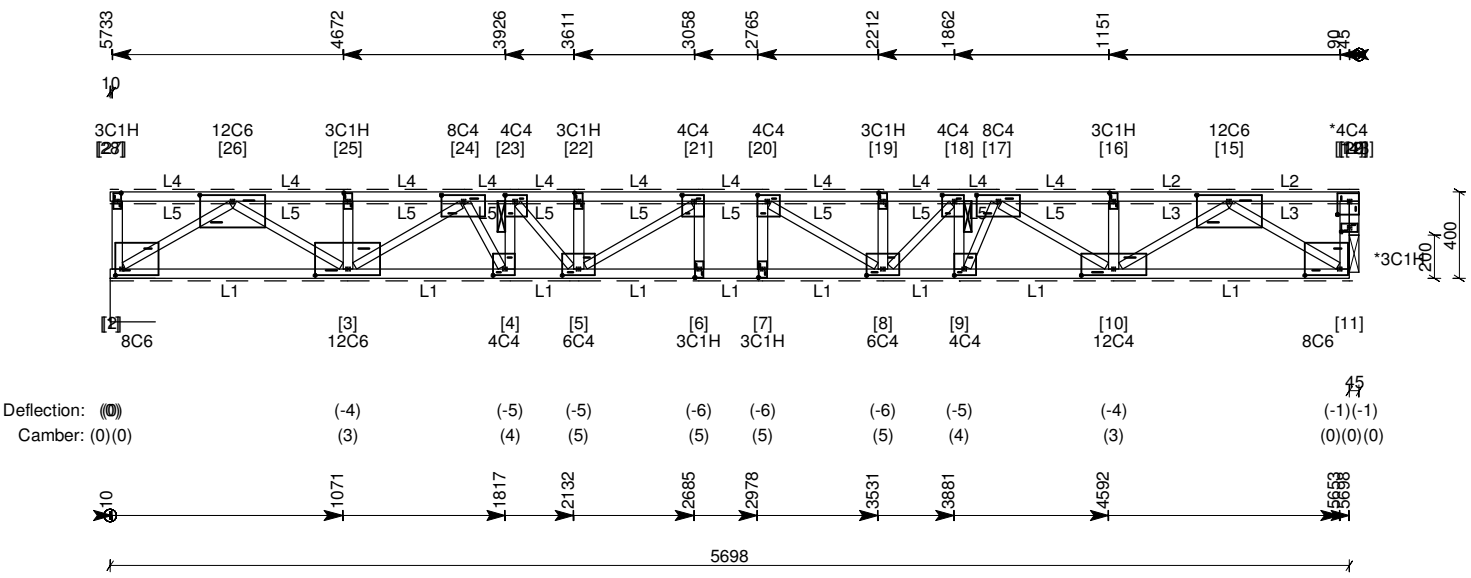
TRUSS DETAILS (DESIGN)

Job Ref: 16-1021

Truss Reference : FT63 (Single Floor Truss)

Truss type: Standard Floor **No. plies:** 1x90mm **Design spacing:** 450mm **No. of :** 3 **Building type:** Residential (Importance level 2) **Imposed floor loading:** 1.5 kPa, 1.8 kN **Floor performance criteria:** Normal
Structural Category: 1



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: Normal (carpet, etc) (3.0 kg/sq.m).
L4: 75mm Hebel SoundFloor (51.0 kg/sq.m).
Direct (nail/screw restraint) @ 450mm.
L5: 9mm Ceramic tiles on adhesive with underlay (35.0 kg/sq.m).

Imposed Floor Loading Exceptions

Panels	Loads
13 - 16	3.0 kPa, 2.7 kN
15 - 26	3.0 kPa, 2.7 kN

Timber

Top Chords	1 / 45x90 MGP12 uno
Bottom Chords	1 / 45x90 MGP12 uno
Webs	1 / 35x90 MGP10 uno
WB1 (2-27)	1 / 45x90 MGP10
WB4 (3-25)	1 / 45x90 MGP10
WB7 (4-23)	1 / 45x90 MGP10
WB9 (5-22)	1 / 45x90 MGP10
WB11 (6-21)	1 / 45x90 MGP10
WB12 (7-20)	1 / 45x90 MGP10
WB14 (8-19)	1 / 45x90 MGP10
WB16 (9-18)	1 / 45x90 MGP10
WB19 (10-16)	1 / 45x90 MGP10
WB22 (11-14)	1 / 45x90 MGP10
WB23 (12-13)	1 / 45x90 MGP10

Notes
1. Deflection = permanent load deflection including creep (negative = downward movement).
2. Refer to "Guide to Installation - Pryda floor truss and rafter truss systems."
3. Floor dynamic performance is assessed on the basis of rigid supports (eg: walls) and using a minimum 140x35MGP10 strongback located near mid-span.

Major supports and factored reactions

Joint	Type	Width	Perm.	Max. down (LC)	Uplift	Tie-down	Connector
2	Steel/Conc Int	209	1.9 kN	7.5 kN (Gc+Q2f)	No uplift	-	-
29	Beam Int	45	1.7 kN	7.3 kN (Gc+Q2f)	No uplift	-	-

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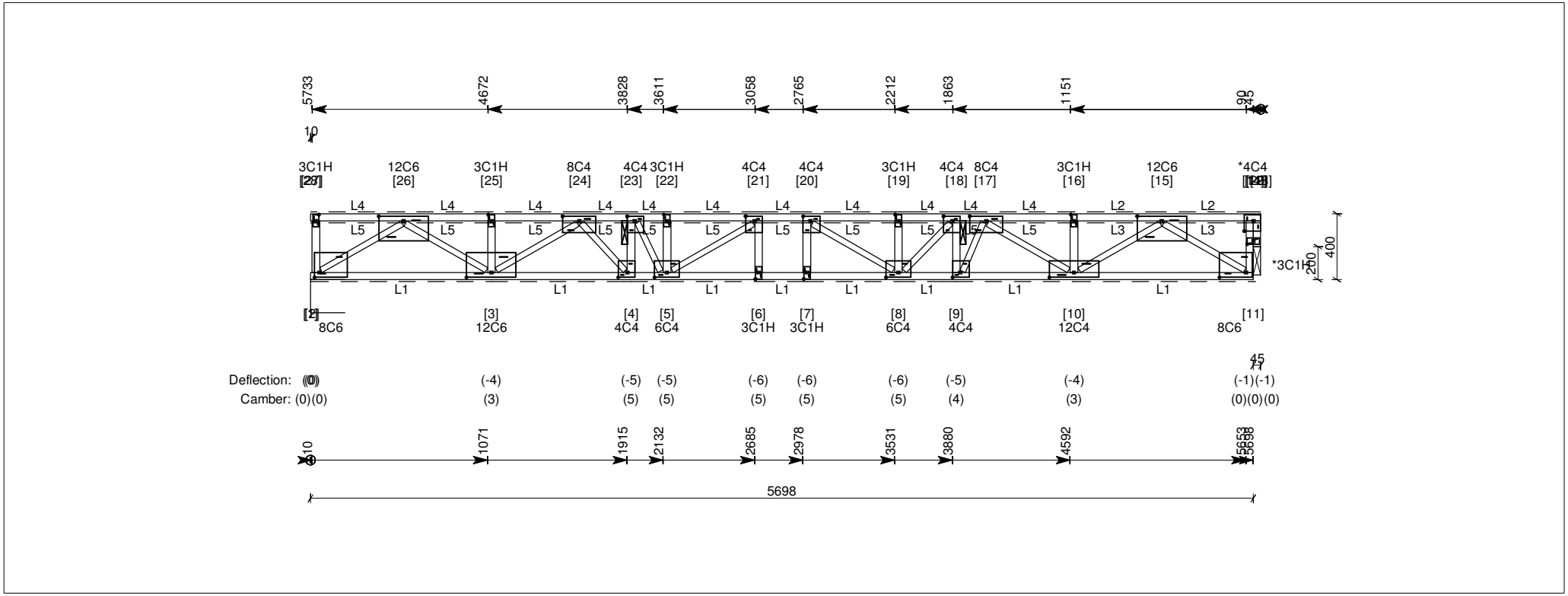
TRUSS DETAILS (DESIGN)

Job Ref: 16-1021

Truss Reference : FT64 (Single Floor Truss)

Truss type: Standard Floor **No. plies:** 1x90mm **Design spacing:** 450mm **No. of :** 2 **Building type:** Residential (Importance level 2) **Imposed floor loading:** 1.5 kPa, 1.8 kN **Floor performance criteria:** Normal
Structural Category: 1



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: Normal (carpet, etc) (3.0 kg/sq.m).
L4: 75mm Hebel SoundFloor (51.0 kg/sq.m).
Direct (nail/screw restraint) @ 450mm.
L5: 9mm Ceramic tiles on adhesive with underlay (35.0 kg/sq.m).

Imposed Floor Loading Exceptions

Panels	Loads
13 - 16	3.0 kPa, 2.7 kN
15 - 26	3.0 kPa, 2.7 kN

Timber

Top Chords	1 / 45x90 MGP12 uno
Bottom Chords	1 / 45x90 MGP12 uno
Webs	1 / 35x90 MGP10 uno
WB1 (2-27)	1 / 45x90 MGP10
WB4 (3-25)	1 / 45x90 MGP10
WB7 (4-23)	1 / 45x90 MGP10
WB9 (5-22)	1 / 45x90 MGP10
WB11 (6-21)	1 / 45x90 MGP10
WB12 (7-20)	1 / 45x90 MGP10
WB14 (8-19)	1 / 45x90 MGP10
WB16 (9-18)	1 / 45x90 MGP10
WB19 (10-16)	1 / 45x90 MGP10
WB22 (11-14)	1 / 45x90 MGP10
WB23 (12-13)	1 / 45x90 MGP10

Notes
1. Deflection = permanent load deflection including creep (negative = downward movement).
2. Refer to "Guide to Installation - Pryda floor truss and rafter truss systems."
3. Floor dynamic performance is assessed on the basis of rigid supports (eg: walls) and using a minimum 140x35MGP10 strongback located near mid-span.

Major supports and factored reactions

Joint	Type	Width	Perm.	Max. down (LC)	Uplift	Tie-down	Connector
2	Steel/Conc Int	209	1.9 kN	7.5 kN (Gc+Q2f)	No uplift	-	-
29	Beam Int	45	1.7 kN	7.3 kN (Gc+Q2f)	No uplift	-	-

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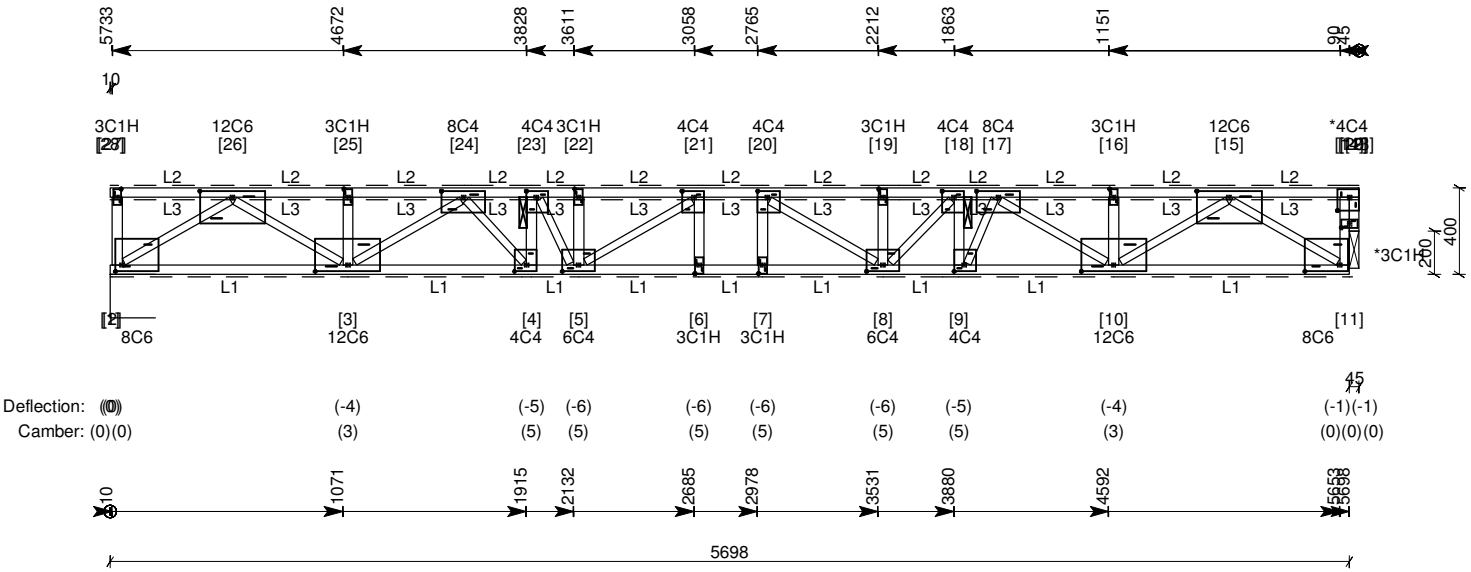
TRUSS DETAILS (DESIGN)

Job Ref: 16-1021

Truss Reference : FT65 (Single Floor Truss)

Truss type: Standard Floor **No. plies:** 1x90mm **Design spacing:** 450mm **No. of :** 2 **Building type:** Residential (Importance level 2) **Imposed floor loading:** 1.5 kPa, 1.8 kN **Floor performance criteria:** Normal
Structural Category: 1



Linings
L1: 10mm plasterboard (7.2 kg/sq.m).
Battens @ 600mm.
L2: 75mm Hebel SoundFloor (51.0 kg/sq.m).
Direct (nail/screw restraint) @ 450mm.
L3: 9mm Ceramic tiles on adhesive with underlay (35.0 kg/sq.m).

Imposed Floor Loading Exceptions

Panels	Loads
13 - 26	3.0 kPa, 2.7 kN

Timber

Top Chords	1 / 45x90 MGP12 uno
Bottom Chords	1 / 45x90 MGP12 uno
Webs	1 / 35x90 MGP10 uno
WB1 (2-27)	1 / 45x90 MGP10
WB4 (3-25)	1 / 45x90 MGP10
WB7 (4-23)	1 / 45x90 MGP10
WB9 (5-22)	1 / 45x90 MGP10
WB11 (6-21)	1 / 45x90 MGP10
WB12 (7-20)	1 / 45x90 MGP10
WB14 (8-19)	1 / 45x90 MGP10
WB16 (9-18)	1 / 45x90 MGP10
WB19 (10-16)	1 / 45x90 MGP10
WB22 (11-14)	1 / 45x90 MGP10
WB23 (12-13)	1 / 45x90 MGP10

Notes
1. Deflection = permanent load deflection including creep (negative = downward movement).
2. Refer to "Guide to Installation - Pryda floor truss and rafter truss systems."
3. Floor dynamic performance is assessed on the basis of rigid supports (eg: walls) and using a minimum 140x35MGP10 strongback located near mid-span.

Major supports and factored reactions

Joint	Type	Width	Perm.	Max. down (LC)	Uplift	Tie-down	Connector
2	Steel/Conc Int	209	1.9 kN	7.5 kN (Gc+Q2f)	No uplift	-	-
29	Beam Int	45	1.9 kN	7.5 kN (Gc+Q2f)	No uplift	-	-

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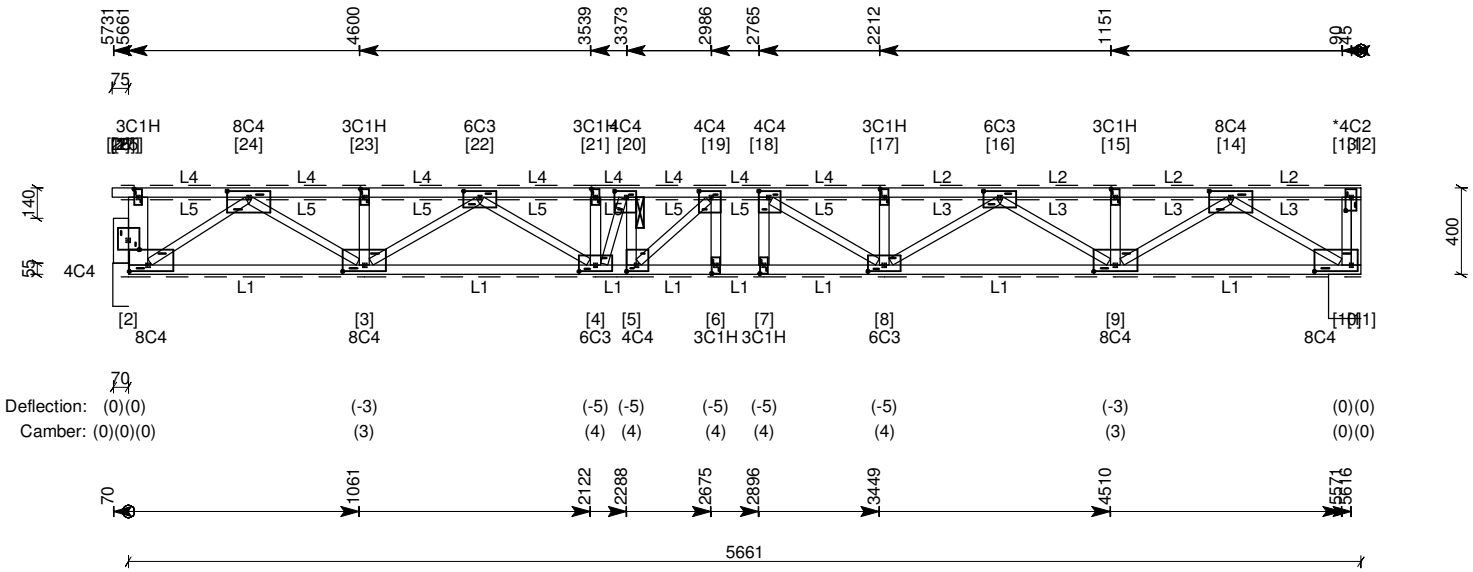
TRUSS DETAILS (DESIGN)

Job Ref: 16-1021

Truss Reference : FT26 (Single Floor Truss)

Truss type: Standard Floor **No. plies:** 1x90mm **Design spacing:** 450mm **No. of :** 1 **Building type:** Residential (Importance level 2) **Imposed floor loading:** 1.5 kPa, 1.8 kN **Floor performance criteria:** Normal
Structural Category: 1



Linings
L1: 10mm plasterboard (7.2 kg/sq.m).
Battens @ 600mm.
L2: 18mm fibrecement sheet (wet areas) (34.0 kg/sq.m).
Direct (nail/screw restraint) @ 450mm.
L3: Ceramic tiles on 40mm mortar bed (60.0 kg/sq.m).
L4: 75mm Hebel SoundFloor (51.0 kg/sq.m).
Direct (nail/screw restraint) @ 600mm.
L5: Normal (carpet, etc) (3.0 kg/sq.m).

Timber

Top Chords	1 / 45x90 MGP12 uno
Bottom Chords	1 / 45x90 MGP12 uno
Webs	1 / 35x90 MGP10 uno
WB1 (1-26)	1 / 45x90 MGP10
WB2 (2-25)	1 / 90x90 MGP10
WB5 (3-23)	1 / 45x90 MGP10
WB8 (4-21)	1 / 45x90 MGP10
WB10 (5-20)	1 / 45x90 MGP10
WB12 (6-19)	1 / 45x90 MGP10
WB13 (7-18)	1 / 45x90 MGP10
WB15 (8-17)	1 / 45x90 MGP10
WB18 (9-15)	1 / 45x90 MGP10
WB21 (10-13)	1 / 45x90 MGP10
WB22 (11-12)	1 / 45x90 MGP10

Notes
1. Deflection = permanent load deflection including creep (negative = downward movement).
2. Refer to "Guide to Installation - Pryda floor truss and rafter truss systems."
3. Floor dynamic performance is assessed on the basis of rigid supports (eg: walls) and using a minimum 140x35MGP10 strongback located near mid-span.

Major supports and factored reactions

Joint	Type	Width	Perm.	Max. down (LC)	Uplift	Tie-down	Connector
10	Steel/Conc Int	151	1.8 kN	4.5 kN (Gc+Q2f)	No uplift	-	-
27	Steel/Conc Int	72	1.4 kN	4.1 kN (Gc+Q2f)	No uplift	-	-

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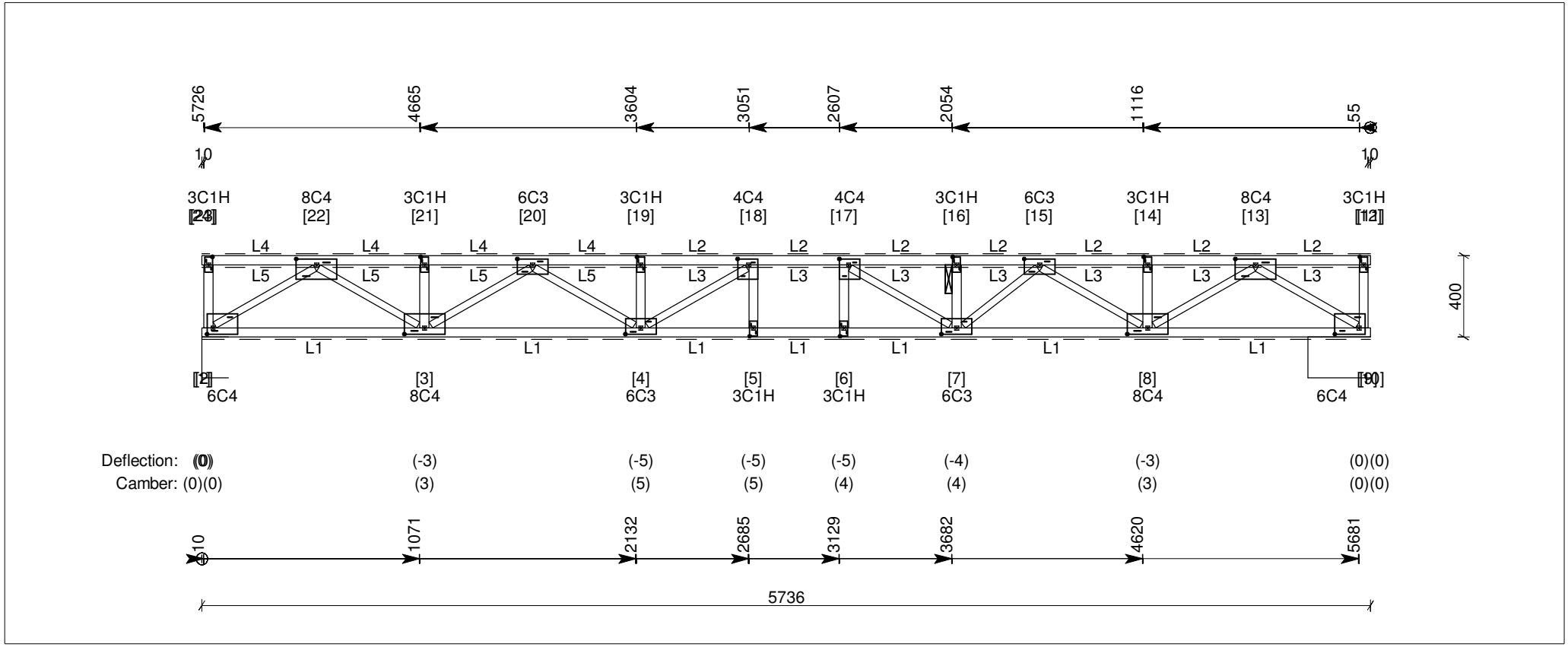
TRUSS DETAILS (DESIGN)

Job Ref: 16-1021

Truss Reference : FT48 (Single Floor Truss)

Truss type: Standard Floor **No. plies:** 1x90mm **Design spacing:** 450mm **No. of :** 1 **Building type:** Residential (Importance level 2) **Imposed floor loading:** 1.5 kPa, 1.8 kN **Floor performance criteria:** Normal
Structural Category: 1



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: Normal (carpet, etc) (3.0 kg/sq.m).
L4: 18mm fibrecement sheet (wet areas) (34.0 kg/sq.m).
Direct (nail/screw restraint) @ 450mm.
L5: Ceramic tiles on 40mm mortar bed (60.0 kg/sq.m).

Timber

Top Chords	1 / 45x90 MGP12 uno
Bottom Chords	1 / 45x90 MGP12 uno
Webs	1 / 35x90 MGP10 uno
WB1 (2-23)	1 / 45x90 MGP10
WB4 (3-21)	1 / 45x90 MGP10
WB7 (4-19)	1 / 45x90 MGP10
WB9 (5-18)	1 / 45x90 MGP10
WB10 (6-17)	1 / 45x90 MGP10
WB12 (7-16)	1 / 45x90 MGP10
WB15 (8-14)	1 / 45x90 MGP10
WB18 (9-12)	1 / 45x90 MGP10

Notes

1. Deflection = permanent load deflection including creep (negative = downward movement).
2. Refer to "Guide to Installation - Pryda floor truss and rafter truss systems."
3. Floor dynamic performance is assessed on the basis of rigid supports (eg: walls) and using a minimum 140x35MGP10 strongback located near mid-span.

Major supports and factored reactions

Joint	Type	Width	Perm.	Max. down (LC)	Uplift	Tie-down	Connector
2	Steel/Conc Int	130	1.7 kN	4.5 kN (Gc+Q2f)	No uplift	-	-
9	Steel/Conc Int	307	1.4 kN	4.2 kN (Gc+Q2f)	No uplift	-	-

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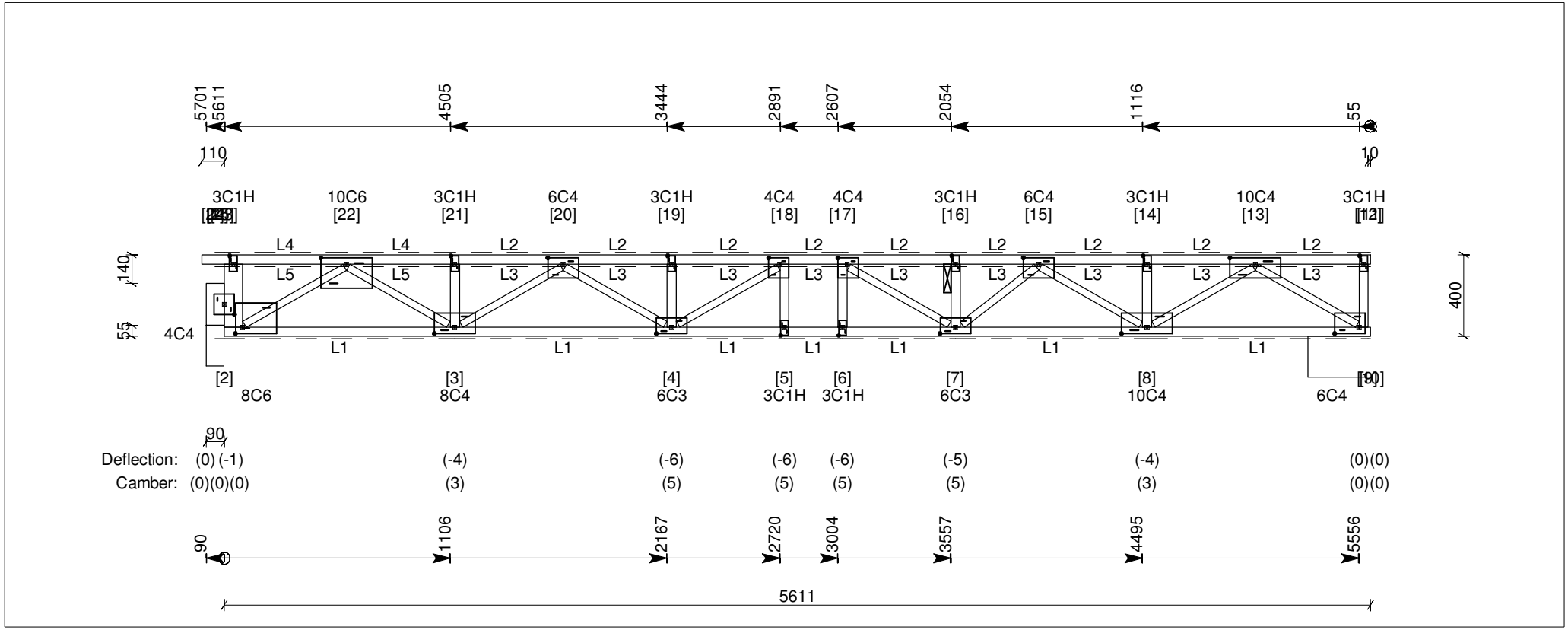
TRUSS DETAILS (DESIGN)

Job Ref: 16-1021

Truss Reference : FT46 (Single Floor Truss)

Truss type: Standard Floor **No. plies:** 1x90mm **Design spacing:** 600mm **No. of :** 1 **Building type:** Residential (Importance level 2) **Imposed floor loading:** 1.5 kPa, 1.8 kN **Floor performance criteria:** Normal
Structural Category: 1



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: Normal (carpet, etc) (3.0 kg/sq.m).
L4: 18mm fibrecement sheet (wet areas) (34.0 kg/sq.m).
Direct (nail/screw restraint) @ 450mm.
L5: Ceramic tiles on 40mm mortar bed (60.0 kg/sq.m).

Timber

Top Chords	1 / 45x90 MGP12 uno
Bottom Chords	1 / 45x90 MGP12 uno
Webs	1 / 35x90 MGP10 uno
WB1 (1-24)	1 / 45x90 MGP10
WB2 (2-23)	1 / 90x90 MGP10
WB5 (3-21)	1 / 45x90 MGP10
WB8 (4-19)	1 / 45x90 MGP10
WB10 (5-18)	1 / 45x90 MGP10
WB11 (6-17)	1 / 45x90 MGP10
WB13 (7-16)	1 / 45x90 MGP10
WB16 (8-14)	1 / 45x90 MGP10
WB19 (9-12)	1 / 45x90 MGP10

Notes

1. Deflection = permanent load deflection including creep (negative = downward movement).
2. Refer to "Guide to Installation - Pryda floor truss and rafter truss systems."
3. Floor dynamic performance is assessed on the basis of rigid supports (eg: walls) and using a minimum 140x35MGP10 strongback located near mid-span.

Major supports and factored reactions

Joint	Type	Width	Perm.	Max. down (LC)	Uplift	Tie-down	Connector
9	Steel/Conc Int	307	1.7 kN	5.4 kN (Gc+Q2f)	No uplift	-	-
25	Steel/Conc Int	86	2.0 kN	5.6 kN (Gc+Q2f)	No uplift	-	-

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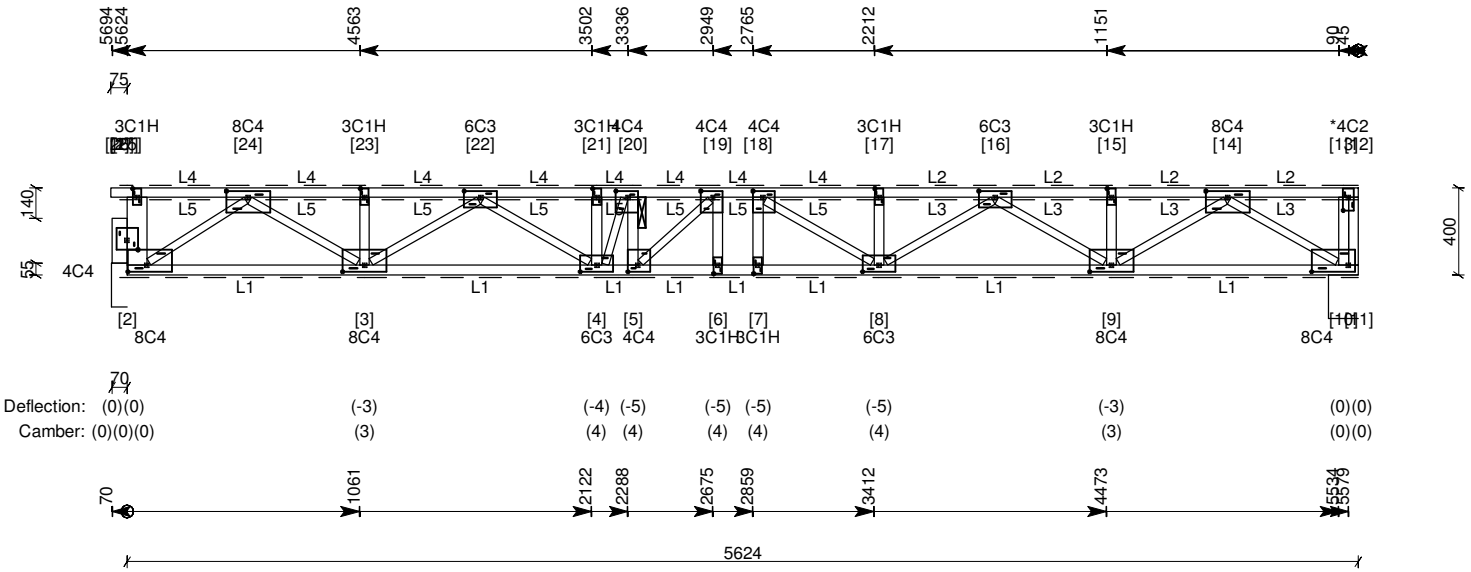
TRUSS DETAILS (DESIGN)

Job Ref: 16-1021

Truss Reference : FT27 (Single Floor Truss)

Truss type: Standard Floor **No. plies:** 1x90mm **Design spacing:** 450mm **No. of :** 1 **Building type:** Residential (Importance level 2) **Imposed floor loading:** 1.5 kPa, 1.8 kN **Floor performance criteria:** Normal
Structural Category: 1



Linings
L1: 10mm plasterboard (7.2 kg/sq.m).
Battens @ 600mm.
L2: 18mm fibrecement sheet (wet areas) (34.0 kg/sq.m).
Direct (nail/screw restraint) @ 450mm.
L3: Ceramic tiles on 40mm mortar bed (60.0 kg/sq.m).
L4: 75mm Hebel SoundFloor (51.0 kg/sq.m).
Direct (nail/screw restraint) @ 600mm.
L5: Normal (carpet, etc) (3.0 kg/sq.m).

Timber

Top Chords	1 / 45x90 MGP12 uno
Bottom Chords	1 / 45x90 MGP12 uno
Webs	1 / 35x90 MGP10 uno
WB1 (1-26)	1 / 45x90 MGP10
WB2 (2-25)	1 / 90x90 MGP10
WB5 (3-23)	1 / 45x90 MGP10
WB8 (4-21)	1 / 45x90 MGP10
WB10 (5-20)	1 / 45x90 MGP10
WB12 (6-19)	1 / 45x90 MGP10
WB13 (7-18)	1 / 45x90 MGP10
WB15 (8-17)	1 / 45x90 MGP10
WB18 (9-15)	1 / 45x90 MGP10
WB21 (10-13)	1 / 45x90 MGP10
WB22 (11-12)	1 / 45x90 MGP10

Notes
1. Deflection = permanent load deflection including creep (negative = downward movement).
2. Refer to "Guide to Installation - Pryda floor truss and rafter truss systems."
3. Floor dynamic performance is assessed on the basis of rigid supports (eg: walls) and using a minimum 140x35MGP10 strongback located near mid-span.

Major supports and factored reactions

Joint	Type	Width	Perm.	Max. down (LC)	Uplift	Tie-down	Connector
10	Steel/Conc Int	137	1.8 kN	4.5 kN (Gc+Q2f)	No uplift	-	-
27	Steel/Conc Int	72	1.4 kN	4.1 kN (Gc+Q2f)	No uplift	-	-

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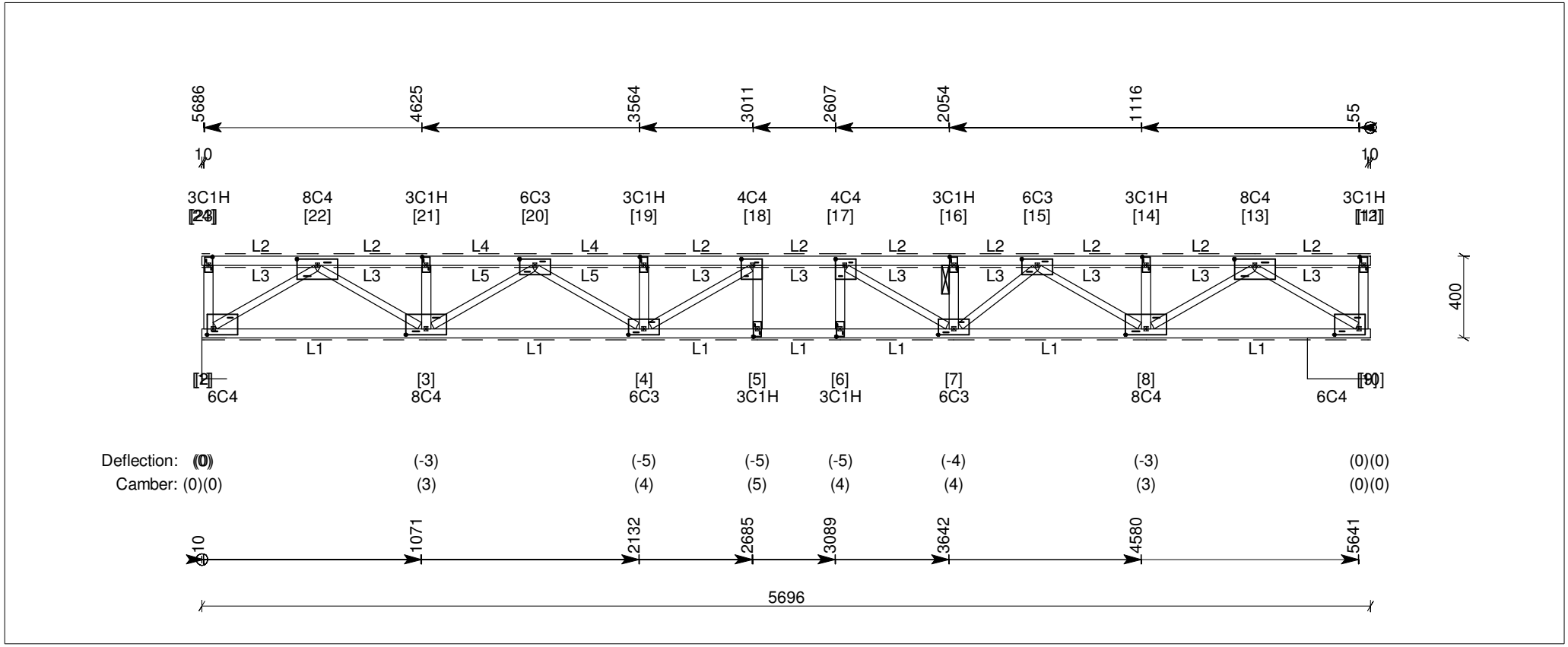
TRUSS DETAILS (DESIGN)

Job Ref: 16-1021

Truss Reference : FT49 (Single Floor Truss)

Truss type: Standard Floor **No. plies:** 1x90mm **Design spacing:** 450mm **No. of :** 1 **Building type:** Residential (Importance level 2) **Imposed floor loading:** 1.5 kPa, 1.8 kN **Floor performance criteria:** Normal
Structural Category: 1



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: Normal (carpet, etc) (3.0 kg/sq.m).
L4: 18mm fibrecement sheet (wet areas) (34.0 kg/sq.m).
Direct (nail/screw restraint) @ 450mm.
L5: Ceramic tiles on 40mm mortar bed (60.0 kg/sq.m).

Timber

Top Chords	1 / 45x90 MGP12 uno
Bottom Chords	1 / 45x90 MGP12 uno
Webs	1 / 35x90 MGP10 uno
WB1 (2-23)	1 / 45x90 MGP10
WB4 (3-21)	1 / 45x90 MGP10
WB7 (4-19)	1 / 45x90 MGP10
WB9 (5-18)	1 / 45x90 MGP10
WB10 (6-17)	1 / 45x90 MGP10
WB12 (7-16)	1 / 45x90 MGP10
WB15 (8-14)	1 / 45x90 MGP10
WB18 (9-12)	1 / 45x90 MGP10

Notes

1. Deflection = permanent load deflection including creep (negative = downward movement).
2. Refer to "Guide to Installation - Pryda floor truss and rafter truss systems."
3. Floor dynamic performance is assessed on the basis of rigid supports (eg: walls) and using a minimum 140x35MGP10 strongback located near mid-span.

Major supports and factored reactions

Joint	Type	Width	Perm.	Max. down (LC)	Uplift	Tie-down	Connector
2	Steel/Conc Int	120	1.5 kN	4.2 kN (Gc+Q2f)	No uplift	-	-
9	Steel/Conc Int	307	1.4 kN	4.1 kN (Gc+Q2f)	No uplift	-	-

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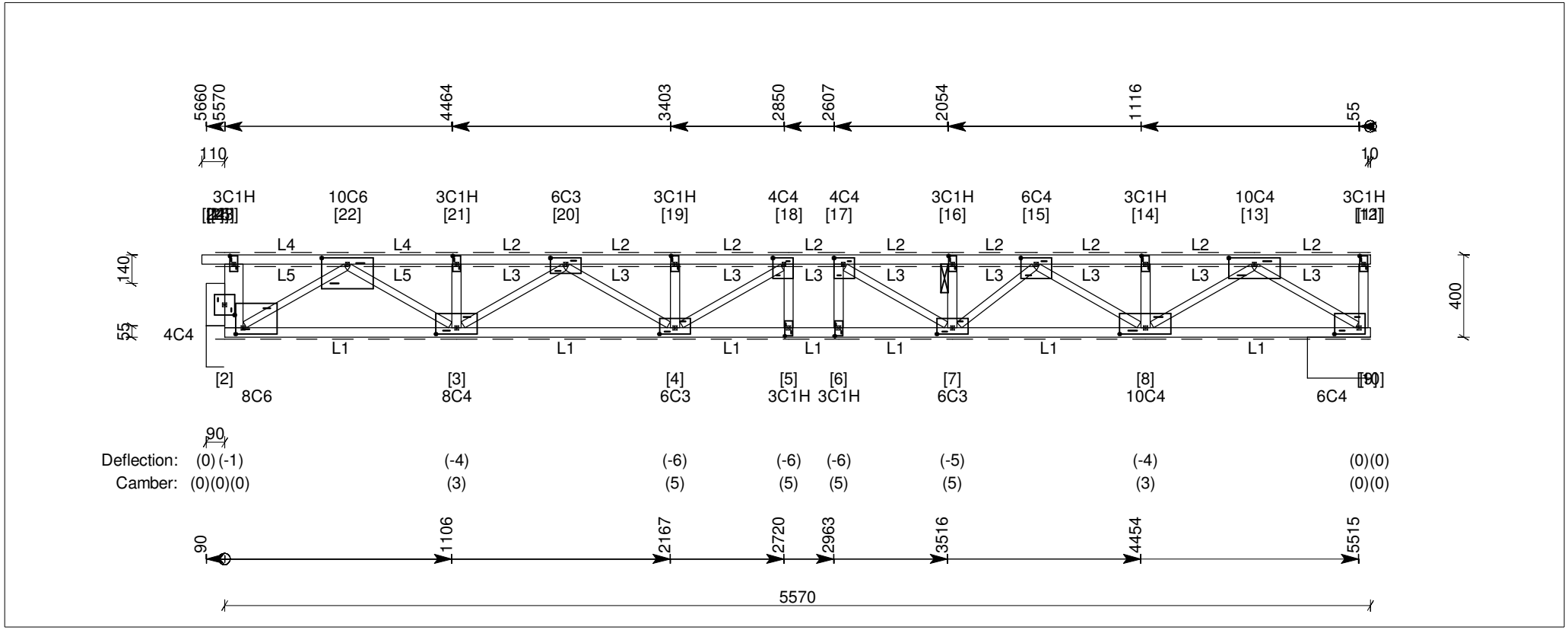
TRUSS DETAILS (DESIGN)

Job Ref: 16-1021

Truss Reference : FT45 (Single Floor Truss)

Truss type: Standard Floor **No. plies:** 1x90mm **Design spacing:** 600mm **No. of :** 1 **Building type:** Residential (Importance level 2) **Imposed floor loading:** 1.5 kPa, 1.8 kN **Floor performance criteria:** Normal
Structural Category: 1



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: Normal (carpet, etc) (3.0 kg/sq.m).
L4: 18mm fibrecement sheet (wet areas) (34.0 kg/sq.m).
Direct (nail/screw restraint) @ 450mm.
L5: Ceramic tiles on 40mm mortar bed (60.0 kg/sq.m).

Timber

Top Chords	1 / 45x90 MGP12 uno
Bottom Chords	1 / 45x90 MGP12 uno
Webs	1 / 35x90 MGP10 uno
WB1 (1-24)	1 / 45x90 MGP10
WB2 (2-23)	1 / 90x90 MGP10
WB5 (3-21)	1 / 45x90 MGP10
WB8 (4-19)	1 / 45x90 MGP10
WB10 (5-18)	1 / 45x90 MGP10
WB11 (6-17)	1 / 45x90 MGP10
WB13 (7-16)	1 / 45x90 MGP10
WB16 (8-14)	1 / 45x90 MGP10
WB19 (9-12)	1 / 45x90 MGP10

Notes

1. Deflection = permanent load deflection including creep (negative = downward movement).
2. Refer to "Guide to Installation - Pryda floor truss and rafter truss systems."
3. Floor dynamic performance is assessed on the basis of rigid supports (eg: walls) and using a minimum 140x35MGP10 strongback located near mid-span.

Major supports and factored reactions

Joint	Type	Width	Perm.	Max. down (LC)	Uplift	Tie-down	Connector
9	Steel/Conc Int	307	1.7 kN	5.3 kN (Gc+Q2f)	No uplift	-	-
25	Steel/Conc Int	86	2.0 kN	5.5 kN (Gc+Q2f)	No uplift	-	-

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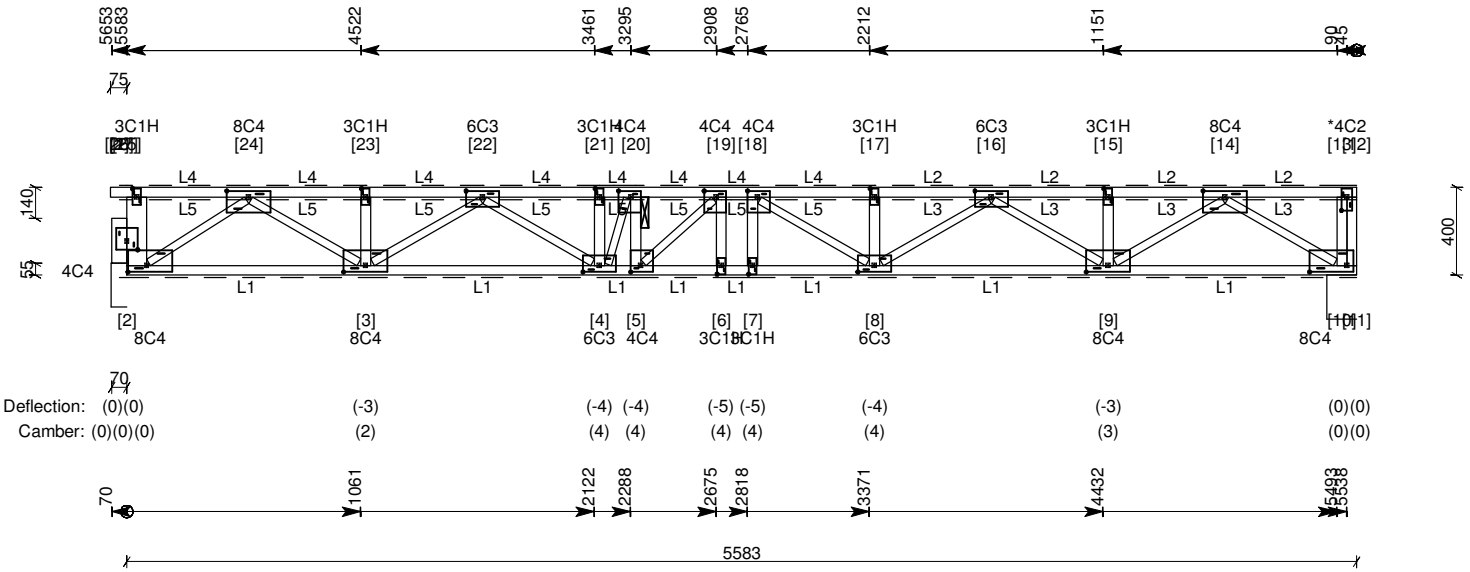
TRUSS DETAILS (DESIGN)

Job Ref: 16-1021

Truss Reference : FT28 (Single Floor Truss)

Truss type: Standard Floor **No. plies:** 1x90mm **Design spacing:** 450mm **No. of :** 1 **Building type:** Residential (Importance level 2) **Imposed floor loading:** 1.5 kPa, 1.8 kN **Floor performance criteria:** Normal
Structural Category: 1



Linings
L1: 10mm plasterboard (7.2 kg/sq.m).
Battens @ 600mm.
L2: 18mm fibrecement sheet (wet areas) (34.0 kg/sq.m).
Direct (nail/screw restraint) @ 450mm.
L3: Ceramic tiles on 40mm mortar bed (60.0 kg/sq.m).
L4: 75mm Hebel SoundFloor (51.0 kg/sq.m).
Direct (nail/screw restraint) @ 600mm.
L5: Normal (carpet, etc) (3.0 kg/sq.m).

Timber

Top Chords	1 / 45x90 MGP12 uno
Bottom Chords	1 / 45x90 MGP12 uno
Webs	1 / 35x90 MGP10 uno
WB1 (1-26)	1 / 45x90 MGP10
WB2 (2-25)	1 / 90x90 MGP10
WB5 (3-23)	1 / 45x90 MGP10
WB8 (4-21)	1 / 45x90 MGP10
WB10 (5-20)	1 / 45x90 MGP10
WB12 (6-19)	1 / 45x90 MGP10
WB13 (7-18)	1 / 45x90 MGP10
WB15 (8-17)	1 / 45x90 MGP10
WB18 (9-15)	1 / 45x90 MGP10
WB21 (10-13)	1 / 45x90 MGP10
WB22 (11-12)	1 / 45x90 MGP10

Notes
1. Deflection = permanent load deflection including creep (negative = downward movement).
2. Refer to "Guide to Installation - Pryda floor truss and rafter truss systems."
3. Floor dynamic performance is assessed on the basis of rigid supports (eg: walls) and using a minimum 140x35MGP10 strongback located near mid-span.

Major supports and factored reactions

Joint	Type	Width	Perm.	Max. down (LC)	Uplift	Tie-down	Connector
10	Steel/Conc Int	137	1.7 kN	4.4 kN (Gc+Q2f)	No uplift	-	-
27	Steel/Conc Int	72	1.4 kN	4.0 kN (Gc+Q2f)	No uplift	-	-

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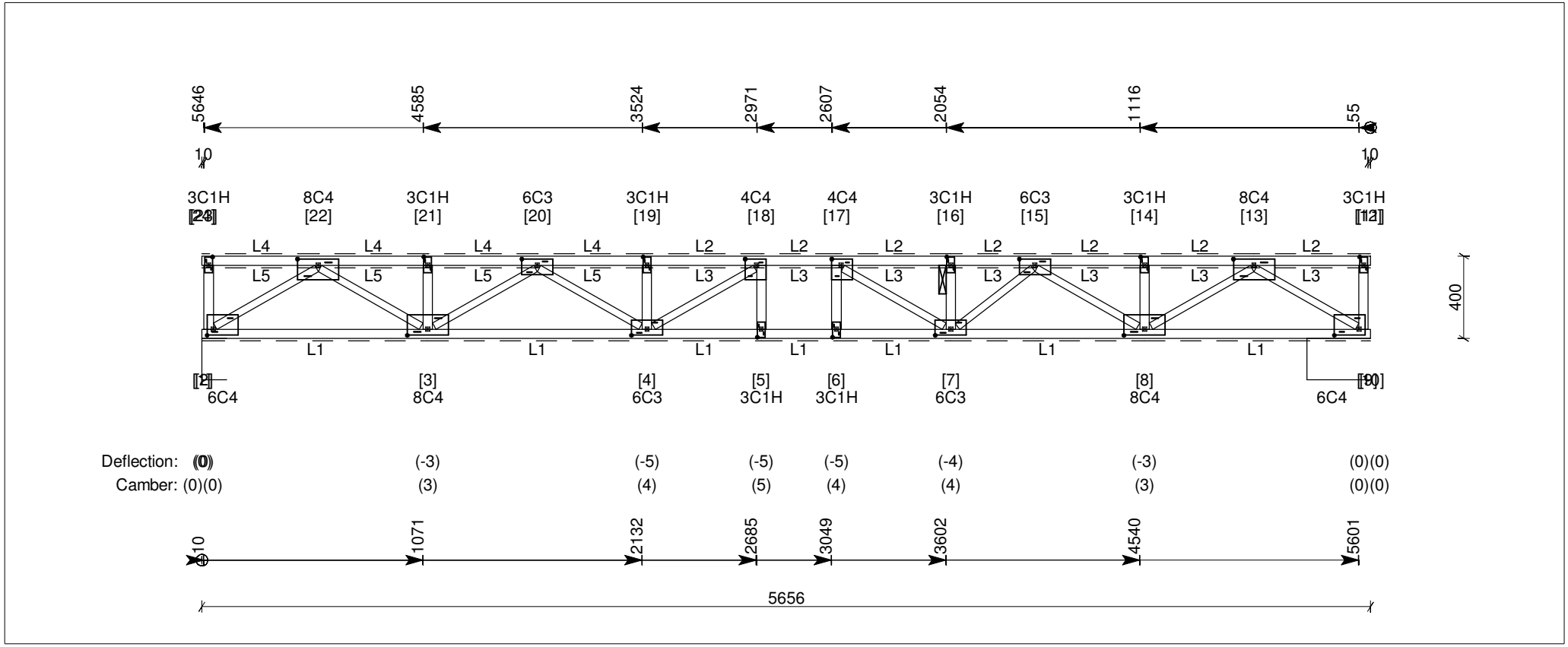
TRUSS DETAILS (DESIGN)

Job Ref: 16-1021

Truss Reference : FT50 (Single Floor Truss)

Truss type: Standard Floor **No. plies:** 1x90mm **Design spacing:** 450mm **No. of :** 1 **Building type:** Residential (Importance level 2) **Imposed floor loading:** 1.5 kPa, 1.8 kN **Floor performance criteria:** Normal
Structural Category: 1



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: Normal (carpet, etc) (3.0 kg/sq.m).
L4: 18mm fibrecement sheet (wet areas) (34.0 kg/sq.m).
Direct (nail/screw restraint) @ 450mm.
L5: Ceramic tiles on 40mm mortar bed (60.0 kg/sq.m).

Timber

Top Chords	1 / 45x90 MGP12 uno
Bottom Chords	1 / 45x90 MGP12 uno
Webs	1 / 35x90 MGP10 uno
WB1 (2-23)	1 / 45x90 MGP10
WB4 (3-21)	1 / 45x90 MGP10
WB7 (4-19)	1 / 45x90 MGP10
WB9 (5-18)	1 / 45x90 MGP10
WB10 (6-17)	1 / 45x90 MGP10
WB12 (7-16)	1 / 45x90 MGP10
WB15 (8-14)	1 / 45x90 MGP10
WB18 (9-12)	1 / 45x90 MGP10

Notes
1. Deflection = permanent load deflection including creep (negative = downward movement).
2. Refer to "Guide to Installation - Pryda floor truss and rafter truss systems."
3. Floor dynamic performance is assessed on the basis of rigid supports (eg: walls) and using a minimum 140x35MGP10 strongback located near mid-span.

Major supports and factored reactions

Joint	Type	Width	Perm.	Max. down (LC)	Uplift	Tie-down	Connector
2	Steel/Conc Int	120	1.7 kN	4.4 kN (Gc+Q2f)	No uplift	-	-
9	Steel/Conc Int	307	1.4 kN	4.1 kN (Gc+Q2f)	No uplift	-	-

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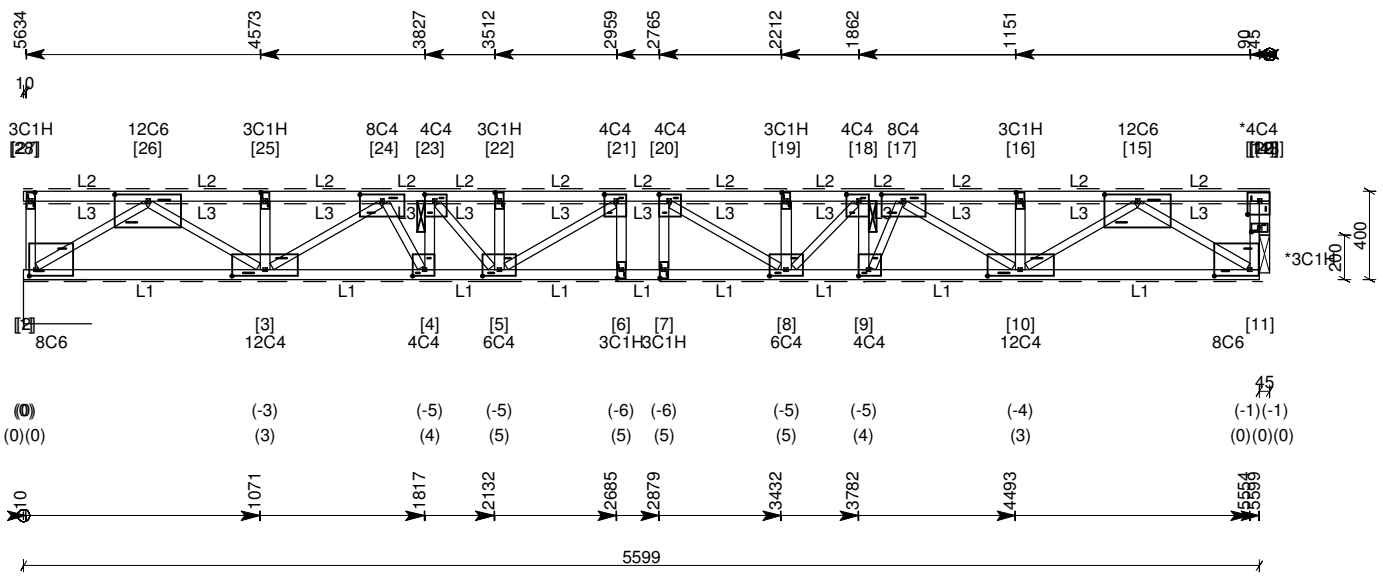
TRUSS DETAILS (DESIGN)

Job Ref: 16-1021

Truss Reference : FT66 (Single Floor Truss)

Truss type: Standard Floor **No. plies:** 1x90mm **Design spacing:** 450mm **No. of :** 3 **Building type:** Residential (Importance Level 2) **Imposed floor loading:** 1.5 kPa, 1.8 kN **Floor performance criteria:** Normal
Structural Category: 1



Linings
L1: 10mm plasterboard (7.2 kg/sq.m).
Battens @ 600mm.
L2: 75mm Hebel SoundFloor (51.0 kg/sq.m).
Direct (nail/screw restraint) @ 450mm.
L3: 9mm Ceramic tiles on adhesive with underlay (35.0 kg/sq.m).

Imposed Floor Loading Exceptions

Panels	Loads
13 - 26	3.0 kPa, 2.7 kN

Timber

Top Chords	1 / 45x90 MGP12 uno
Bottom Chords	1 / 45x90 MGP12 uno
Webs	1 / 35x90 MGP10 uno
WB1 (2-27)	1 / 45x90 MGP10
WB4 (3-25)	1 / 45x90 MGP10
WB7 (4-23)	1 / 45x90 MGP10
WB9 (5-22)	1 / 45x90 MGP10
WB11 (6-21)	1 / 45x90 MGP10
WB12 (7-20)	1 / 45x90 MGP10
WB14 (8-19)	1 / 45x90 MGP10
WB16 (9-18)	1 / 45x90 MGP10
WB19 (10-16)	1 / 45x90 MGP10
WB22 (11-14)	1 / 45x90 MGP10
WB23 (12-13)	1 / 45x90 MGP10

Notes
1. Deflection = permanent load deflection including creep (negative = downward movement).
2. Refer to "Guide to Installation - Pryda floor truss and rafter truss systems."
3. Floor dynamic performance is assessed on the basis of rigid supports (eg: walls) and using a minimum 140x35MGP10 strongback located near mid-span.

Major supports and factored reactions

Joint	Type	Width	Perm.	Max. down (LC)	Uplift	Tie-down	Connector
2	Steel/Conc Int	307	1.9 kN	7.4 kN (Gc+Q2f)	No uplift	-	-
29	Beam Int	45	1.9 kN	7.4 kN (Gc+Q2f)	No uplift	-	-

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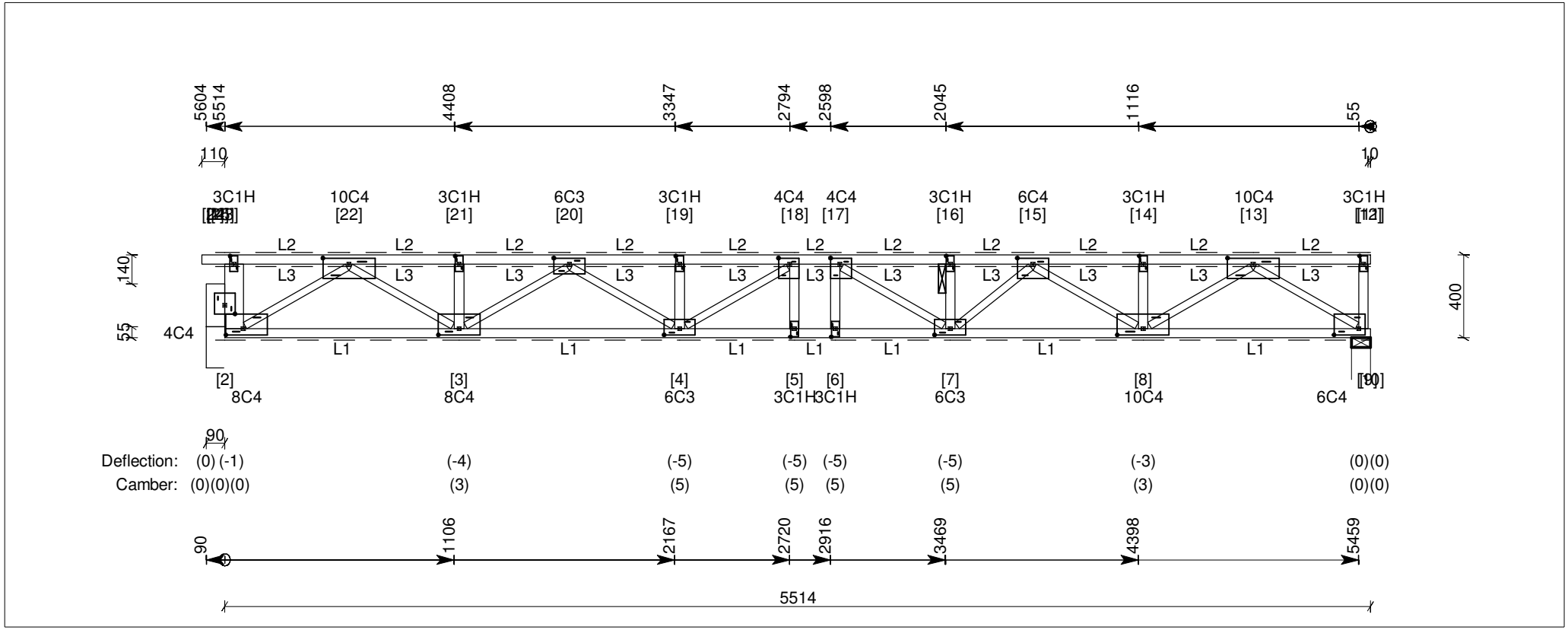
TRUSS DETAILS (DESIGN)

Job Ref: 16-1021

Truss Reference : FT44 (Single Floor Truss)

Truss type: Standard Floor **No. plies:** 1x90mm **Design spacing:** 600mm **No. of :** 1 **Building type:** Residential (Importance level 2) **Imposed floor loading:** 1.5 kPa, 1.8 kN **Floor performance criteria:** Normal
Structural Category: 1



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: Normal (carpet, etc) (3.0 kg/sq.m).

Timber

Top Chords	1 / 45x90 MGP12 uno
Bottom Chords	1 / 45x90 MGP12 uno
Webs	1 / 35x90 MGP10 uno
WB1 (1-24)	1 / 45x90 MGP10
WB2 (2-23)	1 / 90x90 MGP10
WB5 (3-21)	1 / 45x90 MGP10
WB8 (4-19)	1 / 45x90 MGP10
WB10 (5-18)	1 / 45x90 MGP10
WB11 (6-17)	1 / 45x90 MGP10
WB13 (7-16)	1 / 45x90 MGP10
WB16 (8-14)	1 / 45x90 MGP10
WB19 (9-12)	1 / 45x90 MGP10

Notes
1. Deflection = permanent load deflection including creep (negative = downward movement).
2. Refer to "Guide to Installation - Pryda floor truss and rafter truss systems."
3. Floor dynamic performance is assessed on the basis of rigid supports (eg: walls) and using a minimum 140x35MGP10 strongback located near mid-span.

Major supports and factored reactions

Joint	Type	Width	Perm.	Max. down (LC)	Uplift	Tie-down	Connector
9	Wall Int	90	1.6 kN	5.2 kN (Gc+Q2f)	No uplift	-	-
25	Steel/Conc Int	86	1.6 kN	5.2 kN (Gc+Q2f)	No uplift	-	-

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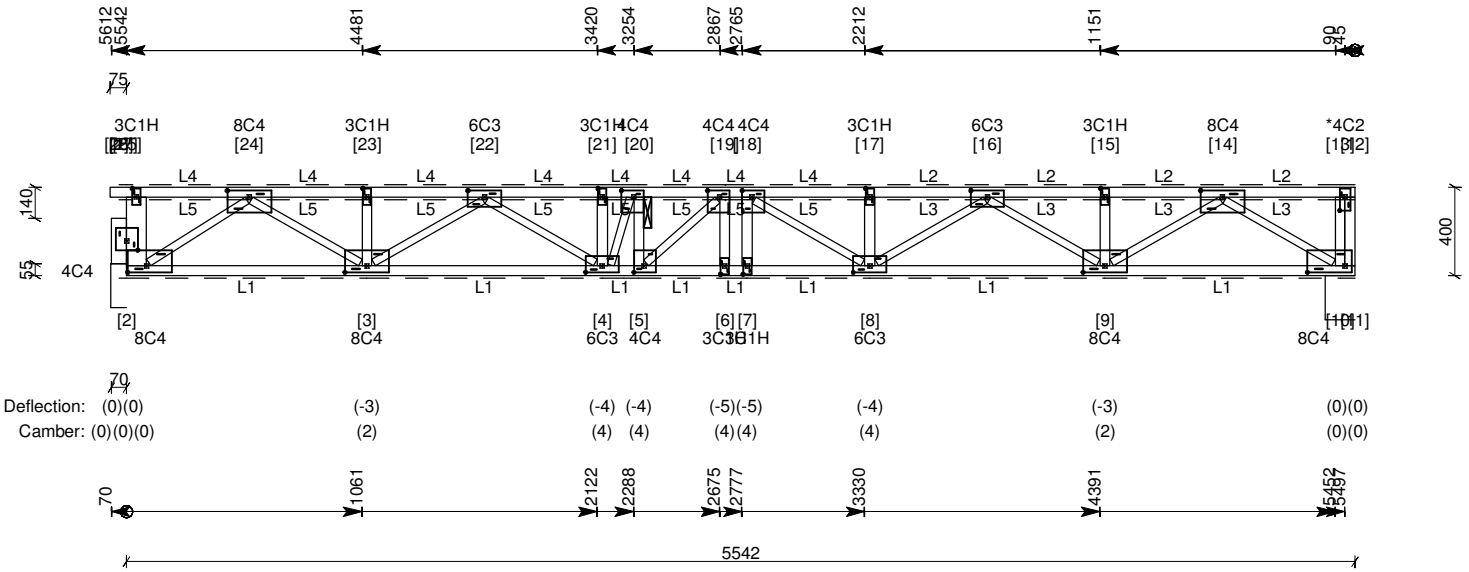
TRUSS DETAILS (DESIGN)

Job Ref: 16-1021

Truss Reference : FT29 (Single Floor Truss)

Truss type: Standard Floor **No. plies:** 1x90mm **Design spacing:** 450mm **No. of :** 1 **Building type:** Residential (Importance Level 2) **Imposed floor loading:** 1.5 kPa, 1.8 kN **Floor performance criteria:** Normal
Structural Category: 1



Linings
L1: 10mm plasterboard (7.2 kg/sq.m).
Battens @ 600mm.
L2: 18mm fibrecement sheet (wet areas) (34.0 kg/sq.m).
Direct (nail/screw restraint) @ 450mm.
L3: Ceramic tiles on 40mm mortar bed (60.0 kg/sq.m).
L4: 75mm Hebel SoundFloor (51.0 kg/sq.m).
Direct (nail/screw restraint) @ 600mm.
L5: Normal (carpet, etc) (3.0 kg/sq.m).

Timber

Top Chords	1 / 45x90 MGP12 uno
Bottom Chords	1 / 45x90 MGP12 uno
Webs	1 / 35x90 MGP10 uno
WB1 (1-26)	1 / 45x90 MGP10
WB2 (2-25)	1 / 90x90 MGP10
WB5 (3-23)	1 / 45x90 MGP10
WB8 (4-21)	1 / 45x90 MGP10
WB10 (5-20)	1 / 45x90 MGP10
WB12 (6-19)	1 / 45x90 MGP10
WB13 (7-18)	1 / 45x90 MGP10
WB15 (8-17)	1 / 45x90 MGP10
WB18 (9-15)	1 / 45x90 MGP10
WB21 (10-13)	1 / 45x90 MGP10
WB22 (11-12)	1 / 45x90 MGP10

Notes
1. Deflection = permanent load deflection including creep (negative = downward movement).
2. Refer to "Guide to Installation - Pryda floor truss and rafter truss systems."
3. Floor dynamic performance is assessed on the basis of rigid supports (eg: walls) and using a minimum 140x35MGP10 strongback located near mid-span.

Major supports and factored reactions

Joint	Type	Width	Perm.	Max. down (LC)	Uplift	Tie-down	Connector
10	Steel/Conc Int	137	1.7 kN	4.4 kN (Gc+Q2f)	No uplift	-	-
27	Steel/Conc Int	72	1.4 kN	4.0 kN (Gc+Q2f)	No uplift	-	-

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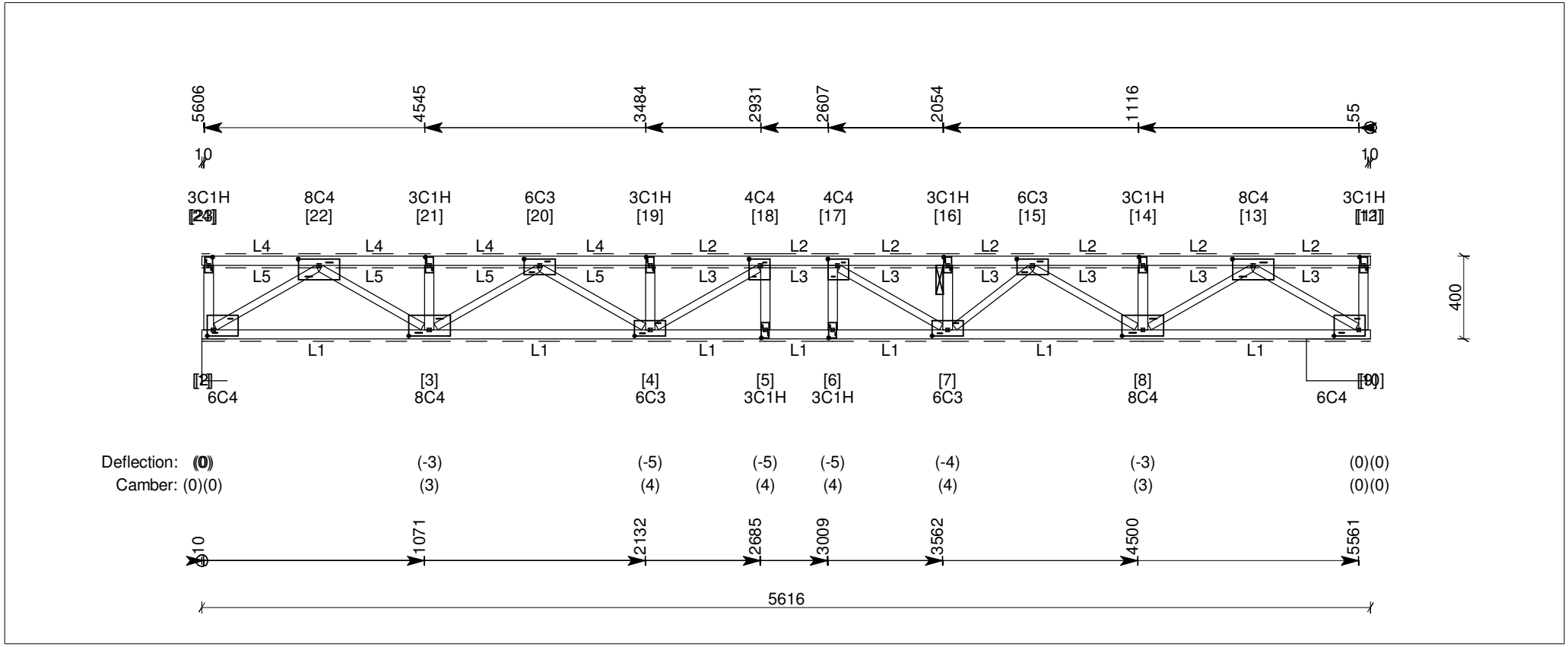
TRUSS DETAILS (DESIGN)

Job Ref: 16-1021

Truss Reference : FT51 (Single Floor Truss)

Truss type: Standard Floor **No. plies:** 1x90mm **Design spacing:** 450mm **No. of :** 1 **Building type:** Residential (Importance level 2) **Imposed floor loading:** 1.5 kPa, 1.8 kN **Floor performance criteria:** Normal
Structural Category: 1



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: Normal (carpet, etc) (3.0 kg/sq.m).
L4: 18mm fibrecement sheet (wet areas) (34.0 kg/sq.m).
Direct (nail/screw restraint) @ 450mm.
L5: Ceramic tiles on 40mm mortar bed (60.0 kg/sq.m).

Timber

Top Chords	1 / 45x90 MGP12 uno
Bottom Chords	1 / 45x90 MGP12 uno
Webs	1 / 35x90 MGP10 uno
WB1 (2-23)	1 / 45x90 MGP10
WB4 (3-21)	1 / 45x90 MGP10
WB7 (4-19)	1 / 45x90 MGP10
WB9 (5-18)	1 / 45x90 MGP10
WB10 (6-17)	1 / 45x90 MGP10
WB12 (7-16)	1 / 45x90 MGP10
WB15 (8-14)	1 / 45x90 MGP10
WB18 (9-12)	1 / 45x90 MGP10

Notes

1. Deflection = permanent load deflection including creep (negative = downward movement).
2. Refer to "Guide to Installation - Pryda floor truss and rafter truss systems."
3. Floor dynamic performance is assessed on the basis of rigid supports (eg: walls) and using a minimum 140x35MGP10 strongback located near mid-span.

Major supports and factored reactions

Joint	Type	Width	Perm.	Max. down (LC)	Uplift	Tie-down	Connector
2	Steel/Conc Int	120	1.7 kN	4.4 kN (Gc+Q2f)	No uplift	-	-
9	Steel/Conc Int	307	1.4 kN	4.1 kN (Gc+Q2f)	No uplift	-	-

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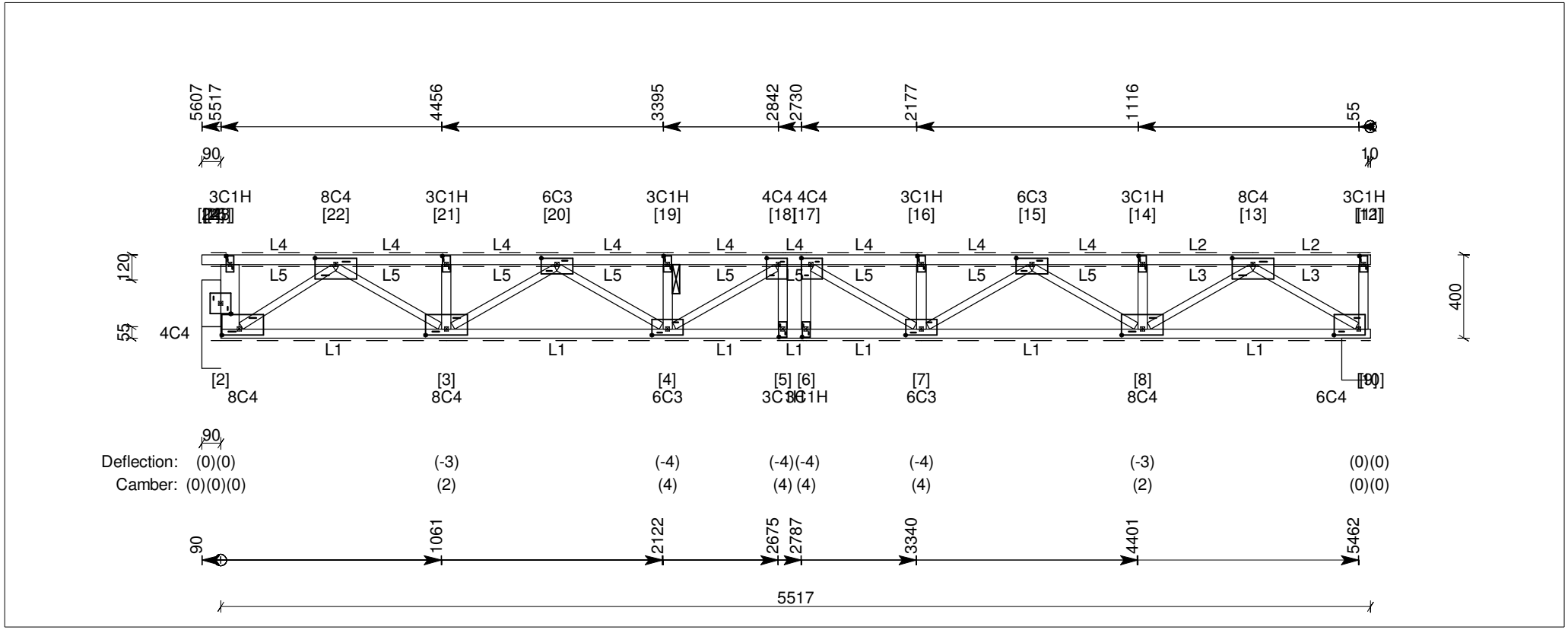
TRUSS DETAILS (DESIGN)

Job Ref: 16-1021

Truss Reference : FT24 (Single Floor Truss)

Truss type: Standard Floor **No. plies:** 1x90mm **Design spacing:** 450mm **No. of :** 1 **Building type:** Residential (Importance level 2) **Imposed floor loading:** 1.5 kPa, 1.8 kN **Floor performance criteria:** Normal
Structural Category: 1



Linings
L1: 10mm plasterboard (7.2 kg/sq.m).
Battens @ 600mm.
L2: 18mm fibrecement sheet (wet areas) (34.0 kg/sq.m).
Direct (nail/screw restraint) @ 450mm.
L3: Ceramic tiles on 40mm mortar bed (60.0 kg/sq.m).
L4: 75mm Hebel SoundFloor (51.0 kg/sq.m).
Direct (nail/screw restraint) @ 600mm.
L5: Normal (carpet, etc) (3.0 kg/sq.m).

Timber

Top Chords	1 / 45x90 MGP12 uno
Bottom Chords	1 / 45x90 MGP12 uno
Webs	1 / 35x90 MGP10 uno
WB1 (1-24)	1 / 45x90 MGP10
WB2 (2-23)	1 / 90x90 MGP10
WB5 (3-21)	1 / 45x90 MGP10
WB8 (4-19)	1 / 45x90 MGP10
WB10 (5-18)	1 / 45x90 MGP10
WB11 (6-17)	1 / 45x90 MGP10
WB13 (7-16)	1 / 45x90 MGP10
WB16 (8-14)	1 / 45x90 MGP10
WB19 (9-12)	1 / 45x90 MGP10

Notes
1. Deflection = permanent load deflection including creep (negative = downward movement).
2. Refer to "Guide to Installation - Pryda floor truss and rafter truss systems."
3. Floor dynamic performance is assessed on the basis of rigid supports (eg: walls) and using a minimum 140x35MGP10 strongback located near mid-span.

Major supports and factored reactions

Joint	Type	Width	Perm.	Max. down (LC)	Uplift	Tie-down	Connector
9	Steel/Conc Int	137	1.5 kN	4.2 kN (Gc+Q2f)	No uplift	-	-
25	Steel/Conc Int	90	1.3 kN	4.0 kN (Gc+Q2f)	No uplift	-	-

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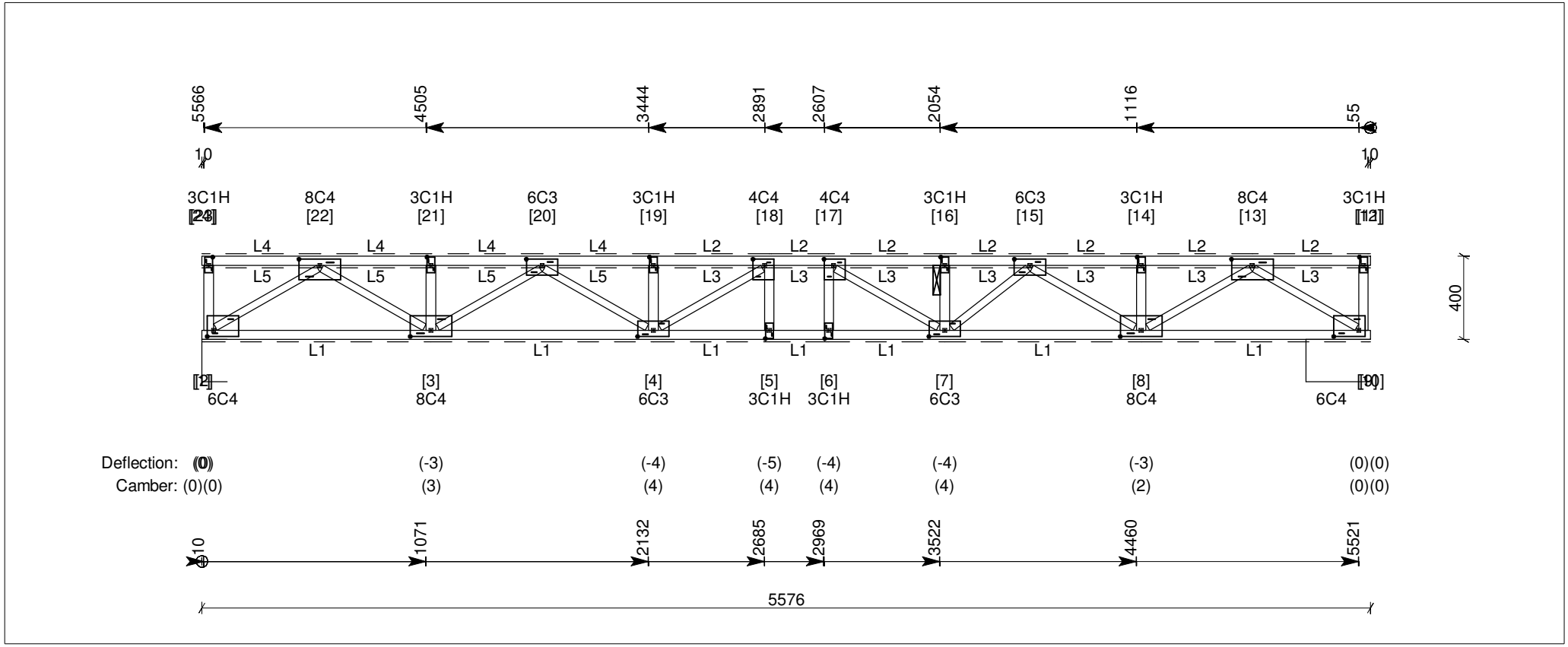
TRUSS DETAILS (DESIGN)

Job Ref: 16-1021

Truss Reference : FT52 (Single Floor Truss)

Truss type: Standard Floor **No. plies:** 1x90mm **Design spacing:** 450mm **No. of :** 1 **Building type:** Residential (Importance level 2) **Imposed floor loading:** 1.5 kPa, 1.8 kN **Floor performance criteria:** Normal
Structural Category: 1



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: Normal (carpet, etc) (3.0 kg/sq.m).
L4: 18mm fibrecement sheet (wet areas) (34.0 kg/sq.m).
Direct (nail/screw restraint) @ 450mm.
L5: Ceramic tiles on 40mm mortar bed (60.0 kg/sq.m).

Timber

Top Chords	1 / 45x90 MGP12 uno
Bottom Chords	1 / 45x90 MGP12 uno
Webs	1 / 35x90 MGP10 uno
WB1 (2-23)	1 / 45x90 MGP10
WB4 (3-21)	1 / 45x90 MGP10
WB7 (4-19)	1 / 45x90 MGP10
WB9 (5-18)	1 / 45x90 MGP10
WB10 (6-17)	1 / 45x90 MGP10
WB12 (7-16)	1 / 45x90 MGP10
WB15 (8-14)	1 / 45x90 MGP10
WB18 (9-12)	1 / 45x90 MGP10

Notes

1. Deflection = permanent load deflection including creep (negative = downward movement).
2. Refer to "Guide to Installation - Pryda floor truss and rafter truss systems."
3. Floor dynamic performance is assessed on the basis of rigid supports (eg: walls) and using a minimum 140x35MGP10 strongback located near mid-span.

Major supports and factored reactions

Joint	Type	Width	Perm.	Max. down (LC)	Uplift	Tie-down	Connector
2	Steel/Conc Int	121	1.7 kN	4.4 kN (Gc+Q2f)	No uplift	-	-
9	Steel/Conc Int	307	1.4 kN	4.1 kN (Gc+Q2f)	No uplift	-	-

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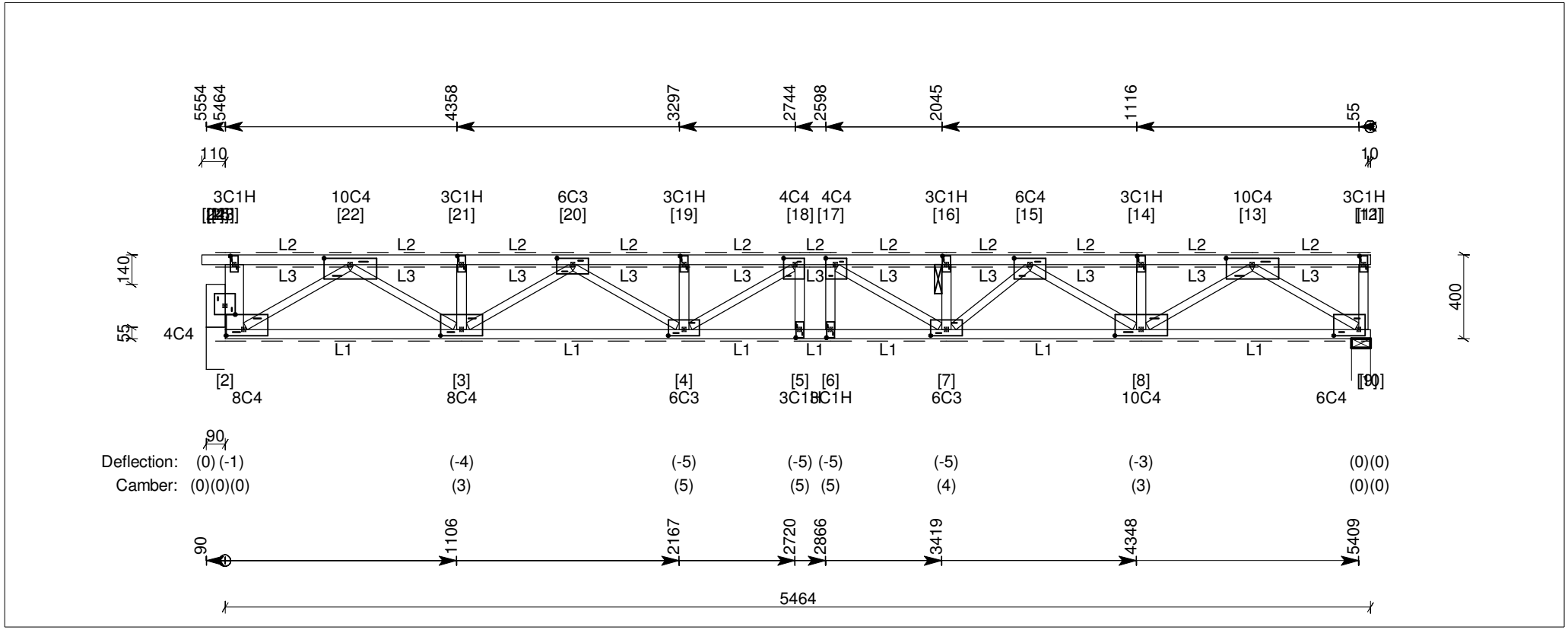
TRUSS DETAILS (DESIGN)

Job Ref: 16-1021

Truss Reference : FT43 (Single Floor Truss)

Truss type: Standard Floor **No. plies:** 1x90mm **Design spacing:** 600mm **No. of :** 1 **Building type:** Residential (Importance level 2) **Imposed floor loading:** 1.5 kPa, 1.8 kN **Floor performance criteria:** Normal
Structural Category: 1



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: Normal (carpet, etc) (3.0 kg/sq.m).

Timber

Top Chords	1 / 45x90 MGP12 uno
Bottom Chords	1 / 45x90 MGP12 uno
Webs	1 / 35x90 MGP10 uno
WB1 (1-24)	1 / 45x90 MGP10
WB2 (2-23)	1 / 90x90 MGP10
WB5 (3-21)	1 / 45x90 MGP10
WB8 (4-19)	1 / 45x90 MGP10
WB10 (5-18)	1 / 45x90 MGP10
WB11 (6-17)	1 / 45x90 MGP10
WB13 (7-16)	1 / 45x90 MGP10
WB16 (8-14)	1 / 45x90 MGP10
WB19 (9-12)	1 / 45x90 MGP10

Notes
1. Deflection = permanent load deflection including creep (negative = downward movement).
2. Refer to "Guide to Installation - Pryda floor truss and rafter truss systems."
3. Floor dynamic performance is assessed on the basis of rigid supports (eg: walls) and using a minimum 140x35MGP10 strongback located near mid-span.

Major supports and factored reactions

Joint	Type	Width	Perm.	Max. down (LC)	Uplift	Tie-down	Connector
9	Wall Int	90	1.6 kN	5.2 kN (Gc+Q2f)	No uplift	-	-
25	Steel/Conc Int	86	1.6 kN	5.1 kN (Gc+Q2f)	No uplift	-	-

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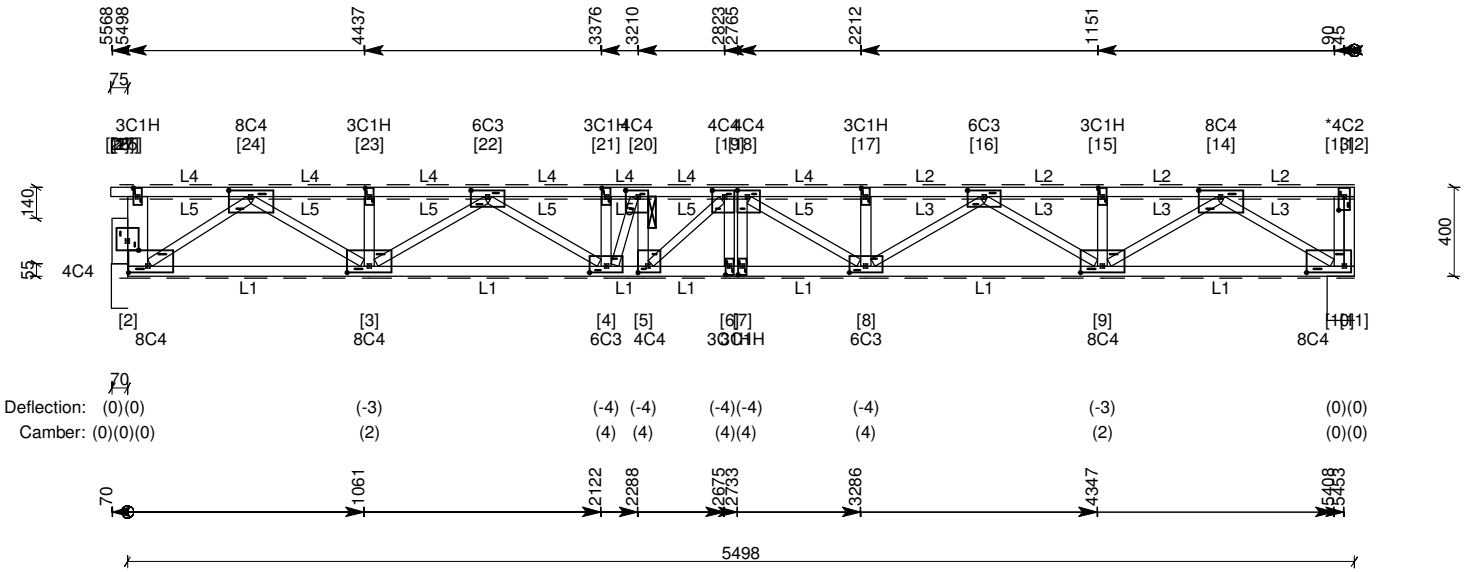
TRUSS DETAILS (DESIGN)

Job Ref: 16-1021

Truss Reference : FT30 (Single Floor Truss)

Truss type: Standard Floor **No. plies:** 1x90mm **Design spacing:** 450mm **No. of :** 1 **Building type:** Residential (Importance Level 2) **Imposed floor loading:** 1.5 kPa, 1.8 kN **Floor performance criteria:** Normal
Structural Category: 1



Linings
L1: 10mm plasterboard (7.2 kg/sq.m).
Battens @ 600mm.
L2: 18mm fibrecement sheet (wet areas) (34.0 kg/sq.m).
Direct (nail/screw restraint) @ 450mm.
L3: Ceramic tiles on 40mm mortar bed (60.0 kg/sq.m).
L4: 75mm Hebel SoundFloor (51.0 kg/sq.m).
Direct (nail/screw restraint) @ 600mm.
L5: Normal (carpet, etc) (3.0 kg/sq.m).

Timber

Top Chords	1 / 45x90 MGP12 uno
Bottom Chords	1 / 45x90 MGP12 uno
Webs	1 / 35x90 MGP10 uno
WB1 (1-26)	1 / 45x90 MGP10
WB2 (2-25)	1 / 90x90 MGP10
WB5 (3-23)	1 / 45x90 MGP10
WB8 (4-21)	1 / 45x90 MGP10
WB10 (5-20)	1 / 45x90 MGP10
WB12 (6-19)	1 / 45x90 MGP10
WB13 (7-18)	1 / 45x90 MGP10
WB15 (8-17)	1 / 45x90 MGP10
WB18 (9-15)	1 / 45x90 MGP10
WB21 (10-13)	1 / 45x90 MGP10
WB22 (11-12)	1 / 45x90 MGP10

Notes
1. Deflection = permanent load deflection including creep (negative = downward movement).
2. Refer to "Guide to Installation - Pryda floor truss and rafter truss systems."
3. Floor dynamic performance is assessed on the basis of rigid supports (eg: walls) and using a minimum 140x35MGP10 strongback located near mid-span.

Major supports and factored reactions

Joint	Type	Width	Perm.	Max. down (LC)	Uplift	Tie-down	Connector
10	Steel/Conc Int	123	1.7 kN	4.4 kN (Gc+Q2f)	No uplift	-	-
27	Steel/Conc Int	72	1.4 kN	4.0 kN (Gc+Q2f)	No uplift	-	-

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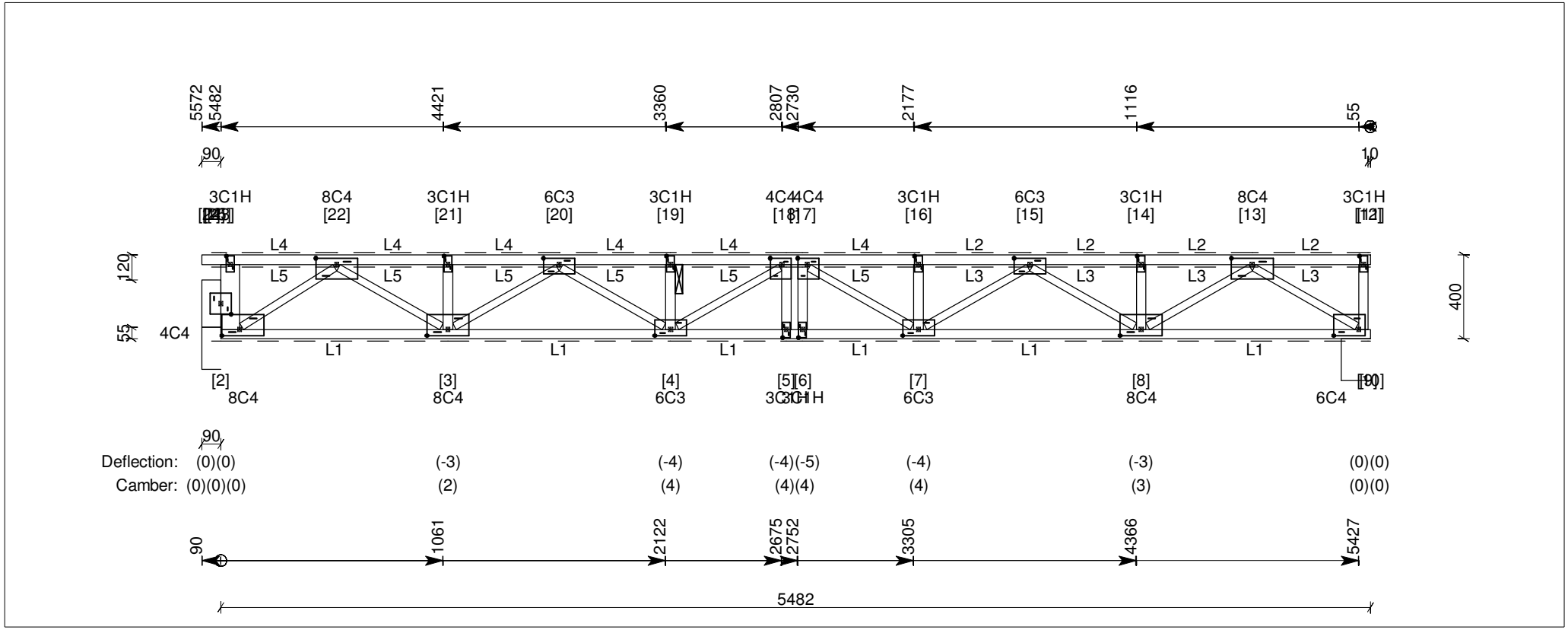
TRUSS DETAILS (DESIGN)

Job Ref: 16-1021

Truss Reference : FT25 (Single Floor Truss)

Truss type: Standard Floor **No. plies:** 1x90mm **Design spacing:** 450mm **No. of :** 1 **Building type:** Residential (Importance level 2) **Imposed floor loading:** 1.5 kPa, 1.8 kN **Floor performance criteria:** Normal
Structural Category: 1



Linings
L1: 10mm plasterboard (7.2 kg/sq.m).
Battens @ 600mm.
L2: 18mm fibrecement sheet (wet areas) (34.0 kg/sq.m).
Direct (nail/screw restraint) @ 450mm.
L3: Ceramic tiles on 40mm mortar bed (60.0 kg/sq.m).
L4: 75mm Hebel SoundFloor (51.0 kg/sq.m).
Direct (nail/screw restraint) @ 600mm.
L5: Normal (carpet, etc) (3.0 kg/sq.m).

Timber

Top Chords	1 / 45x90 MGP12 uno
Bottom Chords	1 / 45x90 MGP12 uno
Webs	1 / 35x90 MGP10 uno
WB1 (1-24)	1 / 45x90 MGP10
WB2 (2-23)	1 / 90x90 MGP10
WB5 (3-21)	1 / 45x90 MGP10
WB8 (4-19)	1 / 45x90 MGP10
WB10 (5-18)	1 / 45x90 MGP10
WB11 (6-17)	1 / 45x90 MGP10
WB13 (7-16)	1 / 45x90 MGP10
WB16 (8-14)	1 / 45x90 MGP10
WB19 (9-12)	1 / 45x90 MGP10

Notes
1. Deflection = permanent load deflection including creep (negative = downward movement).
2. Refer to "Guide to Installation - Pryda floor truss and rafter truss systems."
3. Floor dynamic performance is assessed on the basis of rigid supports (eg: walls) and using a minimum 140x35MGP10 strongback located near mid-span.

Major supports and factored reactions

Joint	Type	Width	Perm.	Max. down (LC)	Uplift	Tie-down	Connector
9	Steel/Conc Int	137	1.7 kN	4.3 kN (Gc+Q2f)	No uplift	-	-
25	Steel/Conc Int	90	1.4 kN	4.0 kN (Gc+Q2f)	No uplift	-	-

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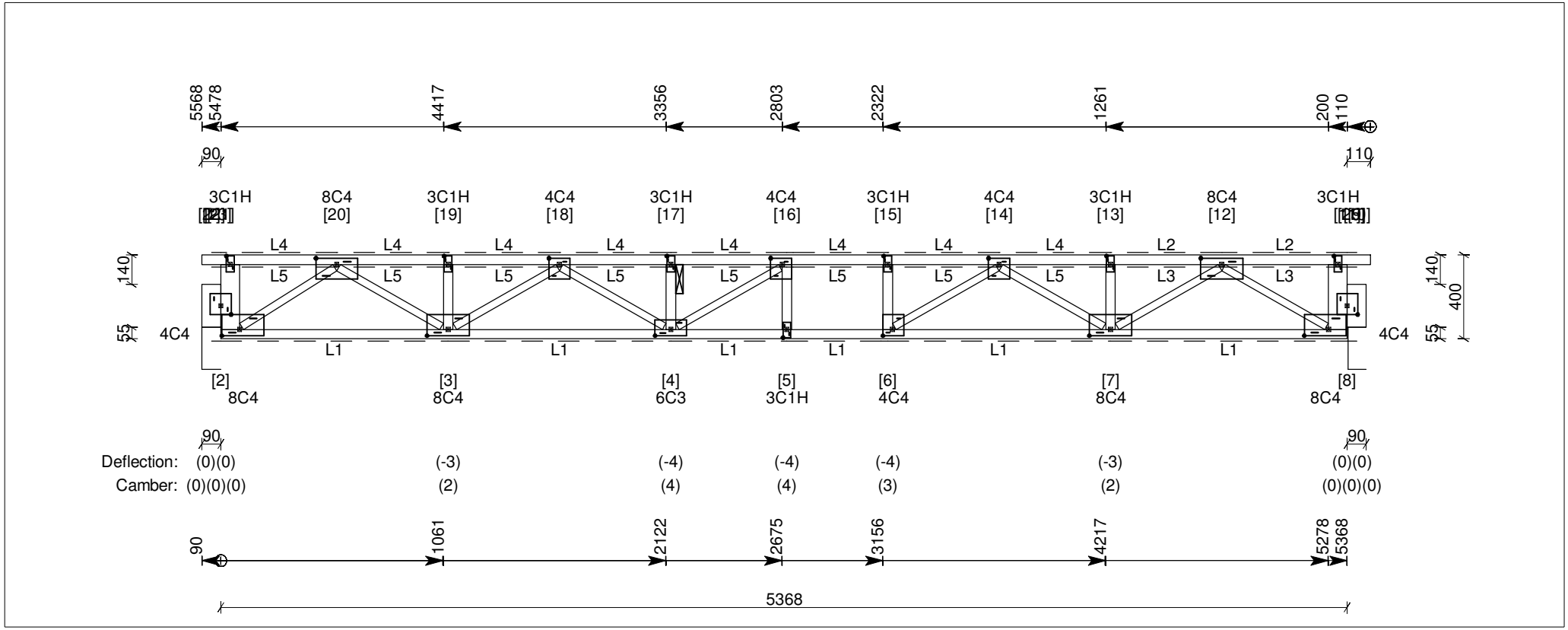
TRUSS DETAILS (DESIGN)

Job Ref: 16-1021

Truss Reference : FT23 (Single Floor Truss)

Truss type: Standard Floor **No. plies:** 1x90mm **Design spacing:** 450mm **No. of :** 1 **Building type:** Residential (Importance level 2) **Imposed floor loading:** 1.5 kPa, 1.8 kN **Floor performance criteria:** Normal
Structural Category: 1



Linings
L1: 10mm plasterboard (7.2 kg/sq.m).
Battens @ 600mm.
L2: 18mm fibrecement sheet (wet areas) (34.0 kg/sq.m).
Direct (nail/screw restraint) @ 450mm.
L3: Ceramic tiles on 40mm mortar bed (60.0 kg/sq.m).
L4: 75mm Hebel SoundFloor (51.0 kg/sq.m).
Direct (nail/screw restraint) @ 600mm.
L5: Normal (carpet, etc) (3.0 kg/sq.m).

Timber

Top Chords	1 / 45x90 MGP12 uno
Bottom Chords	1 / 45x90 MGP12 uno
Webs	1 / 35x90 MGP10 uno
WB1 (1-22)	1 / 45x90 MGP10
WB2 (2-21)	1 / 90x90 MGP10
WB5 (3-19)	1 / 45x90 MGP10
WB8 (4-17)	1 / 45x90 MGP10
WB10 (5-16)	1 / 45x90 MGP10
WB11 (6-15)	1 / 45x90 MGP10
WB14 (7-13)	1 / 45x90 MGP10
WB17 (8-11)	1 / 90x90 MGP10
WB18 (9-10)	1 / 45x90 MGP10

Notes
1. Deflection = permanent load deflection including creep (negative = downward movement).
2. Refer to "Guide to Installation - Pryda floor truss and rafter truss systems."
3. Floor dynamic performance is assessed on the basis of rigid supports (eg: walls) and using a minimum 140x35MGP10 strongback located near mid-span.

Major supports and factored reactions

Joint	Type	Width	Perm.	Max. down (LC)	Uplift	Tie-down	Connector
23	Steel/Conc Int	90	1.3 kN	3.9 kN (Gc+Q2f)	No uplift	-	-
25	Steel/Conc Int	86	1.5 kN	4.1 kN (Gc+Q2f)	No uplift	-	-

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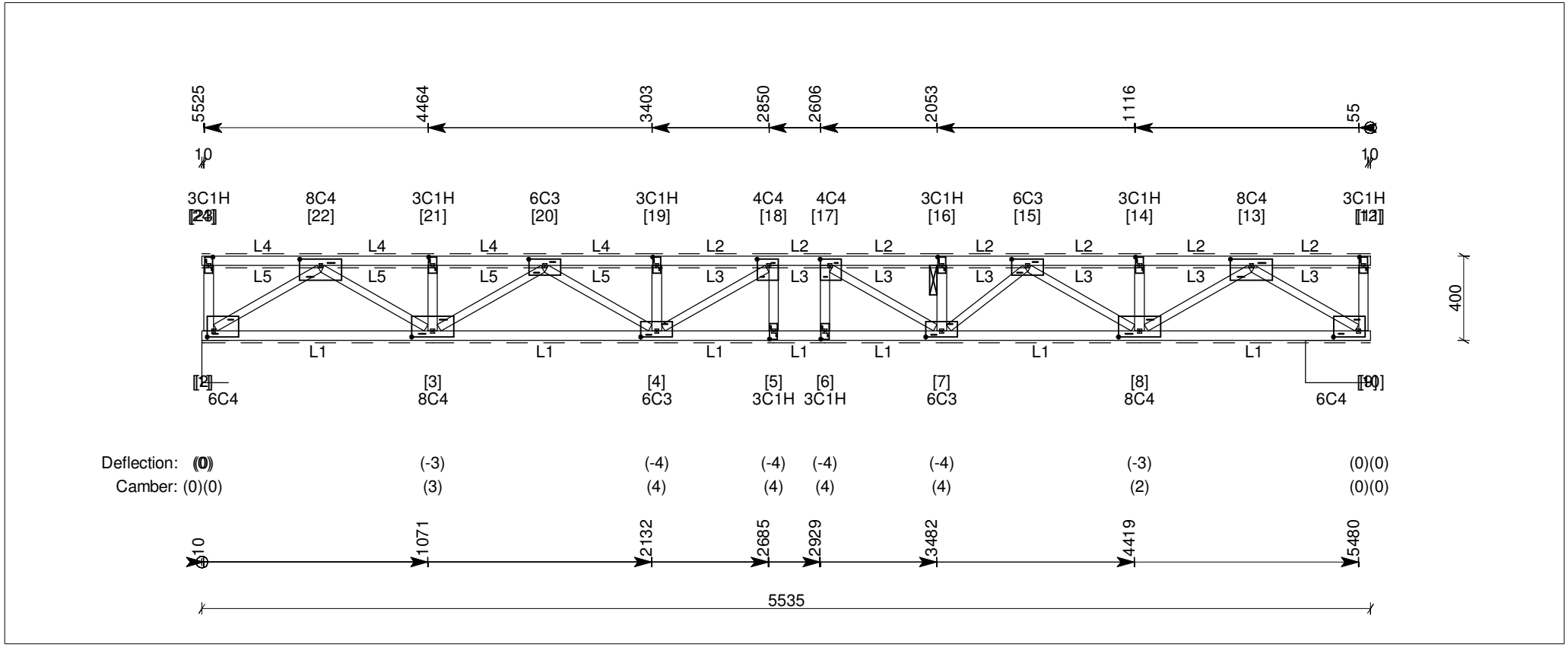
TRUSS DETAILS (DESIGN)

Job Ref: 16-1021

Truss Reference : FT53 (Single Floor Truss)

Truss type: Standard Floor **No. plies:** 1x90mm **Design spacing:** 450mm **No. of :** 1 **Building type:** Residential (Importance level 2) **Imposed floor loading:** 1.5 kPa, 1.8 kN **Floor performance criteria:** Normal
Structural Category: 1



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: Normal (carpet, etc) (3.0 kg/sq.m).
L4: 18mm fibrecement sheet (wet areas) (34.0 kg/sq.m).
Direct (nail/screw restraint) @ 450mm.
L5: Ceramic tiles on 40mm mortar bed (60.0 kg/sq.m).

Timber

Top Chords	1 / 45x90 MGP12 uno
Bottom Chords	1 / 45x90 MGP12 uno
Webs	1 / 35x90 MGP10 uno
WB1 (2-23)	1 / 45x90 MGP10
WB4 (3-21)	1 / 45x90 MGP10
WB7 (4-19)	1 / 45x90 MGP10
WB9 (5-18)	1 / 45x90 MGP10
WB10 (6-17)	1 / 45x90 MGP10
WB12 (7-16)	1 / 45x90 MGP10
WB15 (8-14)	1 / 45x90 MGP10
WB18 (9-12)	1 / 45x90 MGP10

Notes

1. Deflection = permanent load deflection including creep (negative = downward movement).
2. Refer to "Guide to Installation - Pryda floor truss and rafter truss systems."
3. Floor dynamic performance is assessed on the basis of rigid supports (eg: walls) and using a minimum 140x35MGP10 strongback located near mid-span.

Major supports and factored reactions

Joint	Type	Width	Perm.	Max. down (LC)	Uplift	Tie-down	Connector
2	Steel/Conc Int	127	1.7 kN	4.3 kN (Gc+Q2f)	No uplift	-	-
9	Steel/Conc Int	307	1.4 kN	4.0 kN (Gc+Q2f)	No uplift	-	-

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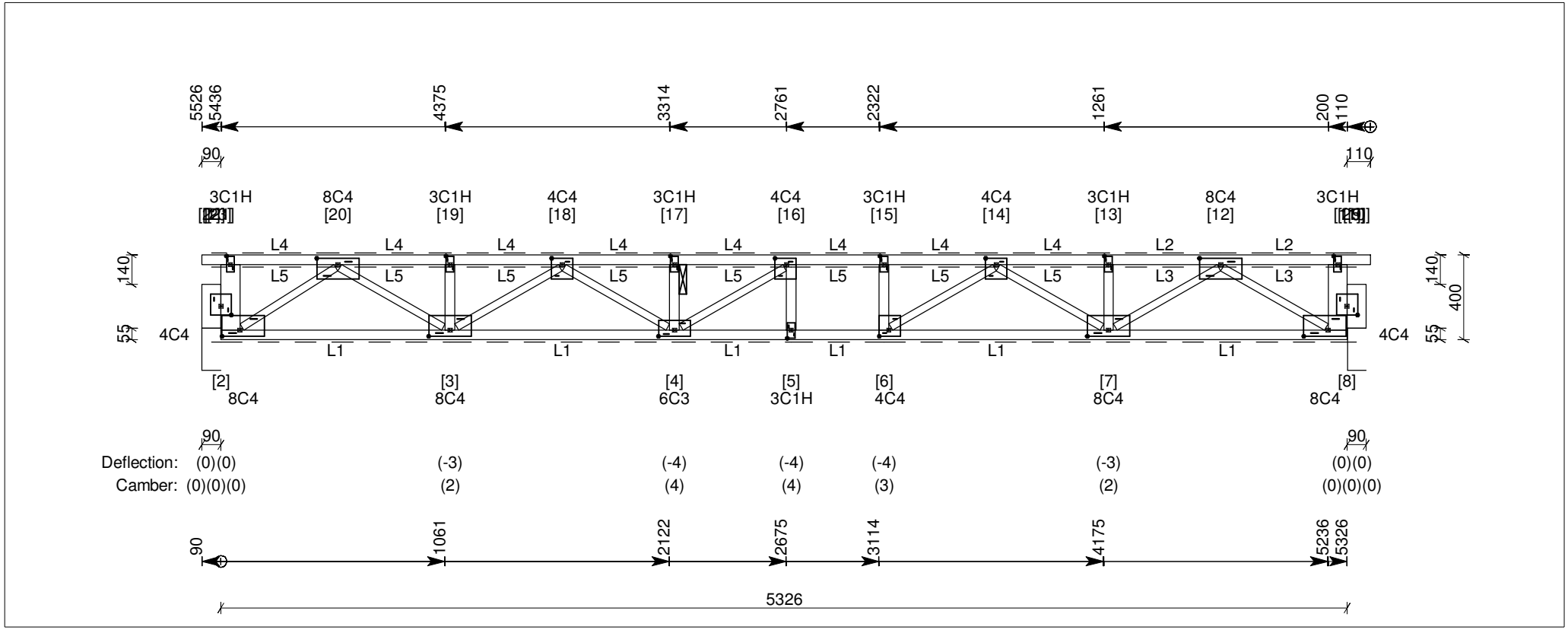
TRUSS DETAILS (DESIGN)

Job Ref: 16-1021

Truss Reference : FT22 (Single Floor Truss)

Truss type: Standard Floor **No. plies:** 1x90mm **Design spacing:** 450mm **No. of :** 1 **Building type:** Residential (Importance level 2) **Imposed floor loading:** 1.5 kPa, 1.8 kN **Floor performance criteria:** Normal
Structural Category: 1



Linings

L1: 10mm plasterboard (7.2 kg/sq.m).
Battens @ 600mm.
L2: 18mm fibrecement sheet (wet areas) (34.0 kg/sq.m).
Direct (nail/screw restraint) @ 450mm.
L3: Ceramic tiles on 40mm mortar bed (60.0 kg/sq.m).
L4: 75mm Hebel SoundFloor (51.0 kg/sq.m).
Direct (nail/screw restraint) @ 600mm.
L5: Normal (carpet, etc) (3.0 kg/sq.m).

Timber

Top Chords	1 / 45x90 MGP12 uno
Bottom Chords	1 / 45x90 MGP12 uno
Webs	1 / 35x90 MGP10 uno
WB1 (1-22)	1 / 45x90 MGP10
WB2 (2-21)	1 / 90x90 MGP10
WB5 (3-19)	1 / 45x90 MGP10
WB8 (4-17)	1 / 45x90 MGP10
WB10 (5-16)	1 / 45x90 MGP10
WB11 (6-15)	1 / 45x90 MGP10
WB14 (7-13)	1 / 45x90 MGP10
WB17 (8-11)	1 / 90x90 MGP10
WB18 (9-10)	1 / 45x90 MGP10

Notes

1. Deflection = permanent load deflection including creep (negative = downward movement).
2. Refer to "Guide to Installation - Pryda floor truss and rafter truss systems."
3. Floor dynamic performance is assessed on the basis of rigid supports (eg: walls) and using a minimum 140x35MGP10 strongback located near mid-span.

Major supports and factored reactions

Joint	Type	Width	Perm.	Max. down (LC)	Uplift	Tie-down	Connector
23	Steel/Conc Int	90	1.3 kN	3.9 kN (Gc+Q2f)	No uplift	-	-
25	Steel/Conc Int	86	1.5 kN	4.1 kN (Gc+Q2f)	No uplift	-	-

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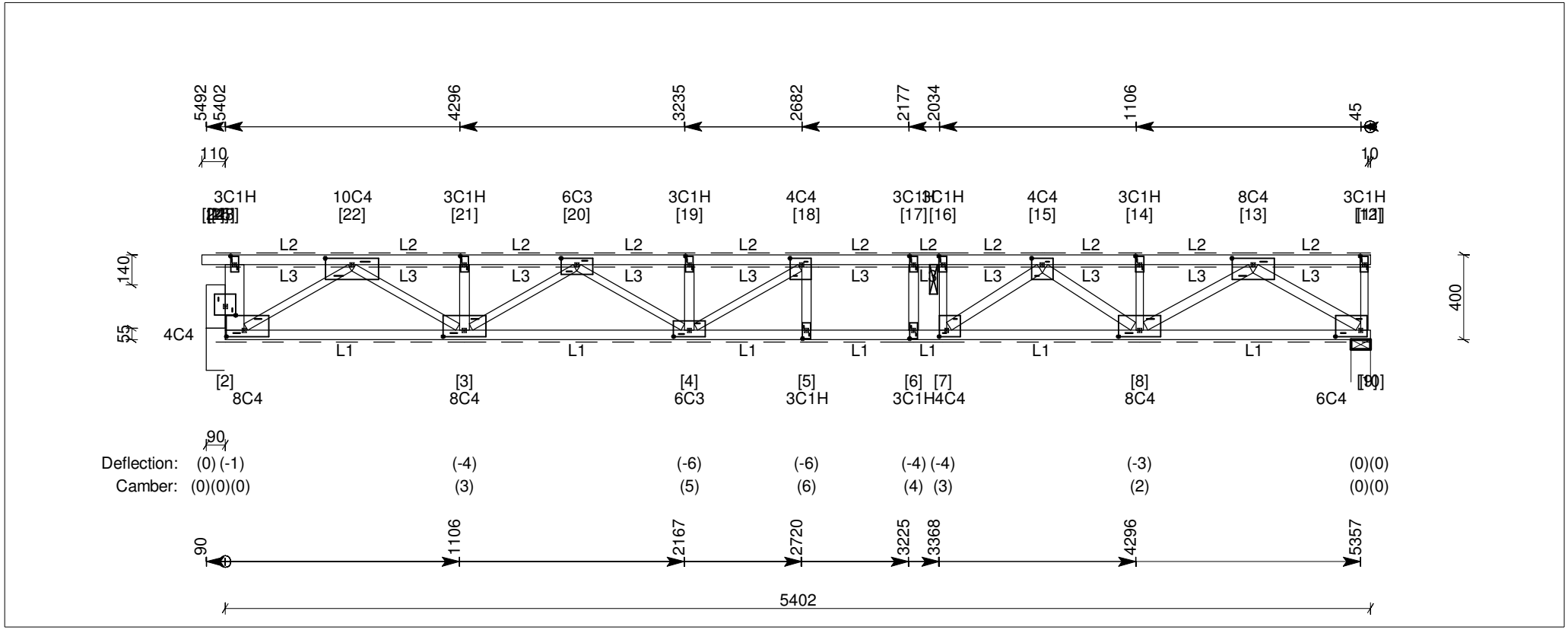
TRUSS DETAILS (DESIGN)

Job Ref: 16-1021

Truss Reference : FT42 (Single Floor Truss)

Truss type: Standard Floor **No. plies:** 1x90mm **Design spacing:** 600mm **No. of :** 1 **Building type:** Residential (Importance level 2) **Imposed floor loading:** 1.5 kPa, 1.8 kN **Floor performance criteria:** Normal
Structural Category: 1



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: Normal (carpet, etc) (3.0 kg/sq.m).

Timber

Top Chords	1 / 45x90 MGP12 uno
Bottom Chords	1 / 45x90 MGP12 uno
Webs	1 / 45x90 MGP10 uno
WB2 (2-23)	1 / 90x90 MGP10
WB3 (2-22)	1 / 35x90 MGP10
WB4 (3-22)	1 / 35x90 MGP10
WB6 (3-20)	1 / 35x90 MGP10
WB7 (4-20)	1 / 35x90 MGP10
WB9 (4-18)	1 / 35x90 MGP10
WB12 (7-16)	1 / 35x90 MGP10
WB15 (8-14)	1 / 35x90 MGP10
WB18 (9-12)	1 / 35x90 MGP10

Notes
1. Deflection = permanent load deflection including creep (negative = downward movement).
2. Refer to "Guide to Installation - Pryda floor truss and rafter truss systems."
3. Floor dynamic performance is assessed on the basis of rigid supports (eg: walls) and using a minimum 140x35MGP10 strongback located near mid-span.

Major supports and factored reactions

Joint	Type	Width	Perm.	Max. down (LC)	Uplift	Tie-down	Connector
9	Wall Int	90	1.6 kN	5.1 kN (Gc+Q2f)	No uplift	-	-
25	Steel/Conc Int	86	1.6 kN	5.1 kN (Gc+Q2f)	No uplift	-	-

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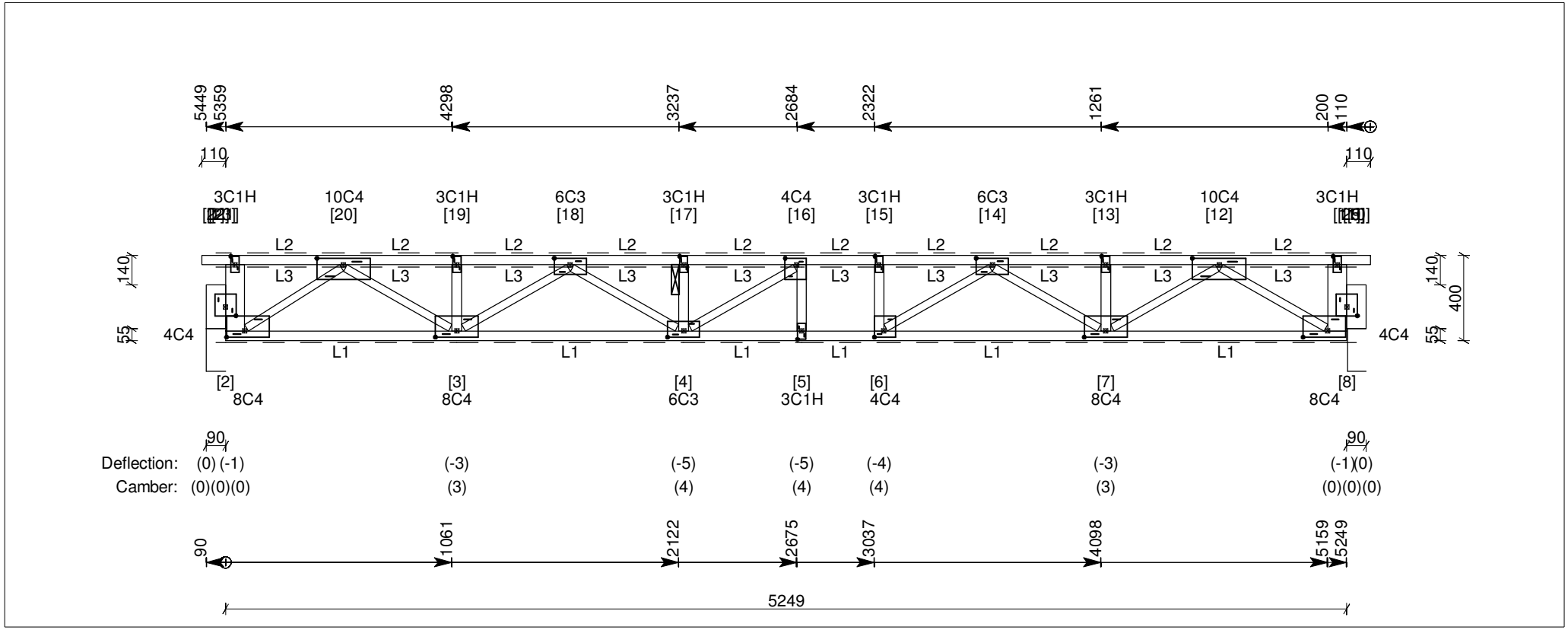
TRUSS DETAILS (DESIGN)

Job Ref: 16-1021

Truss Reference : FT21 (Single Floor Truss)

Truss type: Standard Floor **No. plies:** 1x90mm **Design spacing:** 600mm **No. of :** 1 **Building type:** Residential (Importance level 2) **Imposed floor loading:** 1.5 kPa, 1.8 kN **Floor performance criteria:** Normal
Structural Category: 1



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: Normal (carpet, etc) (3.0 kg/sq.m).

Timber

Top Chords	1 / 45x90 MGP12 uno
Bottom Chords	1 / 45x90 MGP12 uno
Webs	1 / 35x90 MGP10 uno
WB1 (1-22)	1 / 45x90 MGP10
WB2 (2-21)	1 / 90x90 MGP10
WB5 (3-19)	1 / 45x90 MGP10
WB8 (4-17)	1 / 45x90 MGP10
WB10 (5-16)	1 / 45x90 MGP10
WB11 (6-15)	1 / 45x90 MGP10
WB14 (7-13)	1 / 45x90 MGP10
WB17 (8-11)	1 / 90x90 MGP10
WB18 (9-10)	1 / 45x90 MGP10

Notes
1. Deflection = permanent load deflection including creep (negative = downward movement).
2. Refer to "Guide to Installation - Pryda floor truss and rafter truss systems."
3. Floor dynamic performance is assessed on the basis of rigid supports (eg: walls) and using a minimum 140x35MGP10 strongback located near mid-span.

Major supports and factored reactions

Joint	Type	Width	Perm.	Max. down (LC)	Uplift	Tie-down	Connector
23	Steel/Conc Int	90	1.6 kN	5.0 kN (Gc+Q2f)	No uplift	-	-
25	Steel/Conc Int	86	1.6 kN	5.0 kN (Gc+Q2f)	No uplift	-	-

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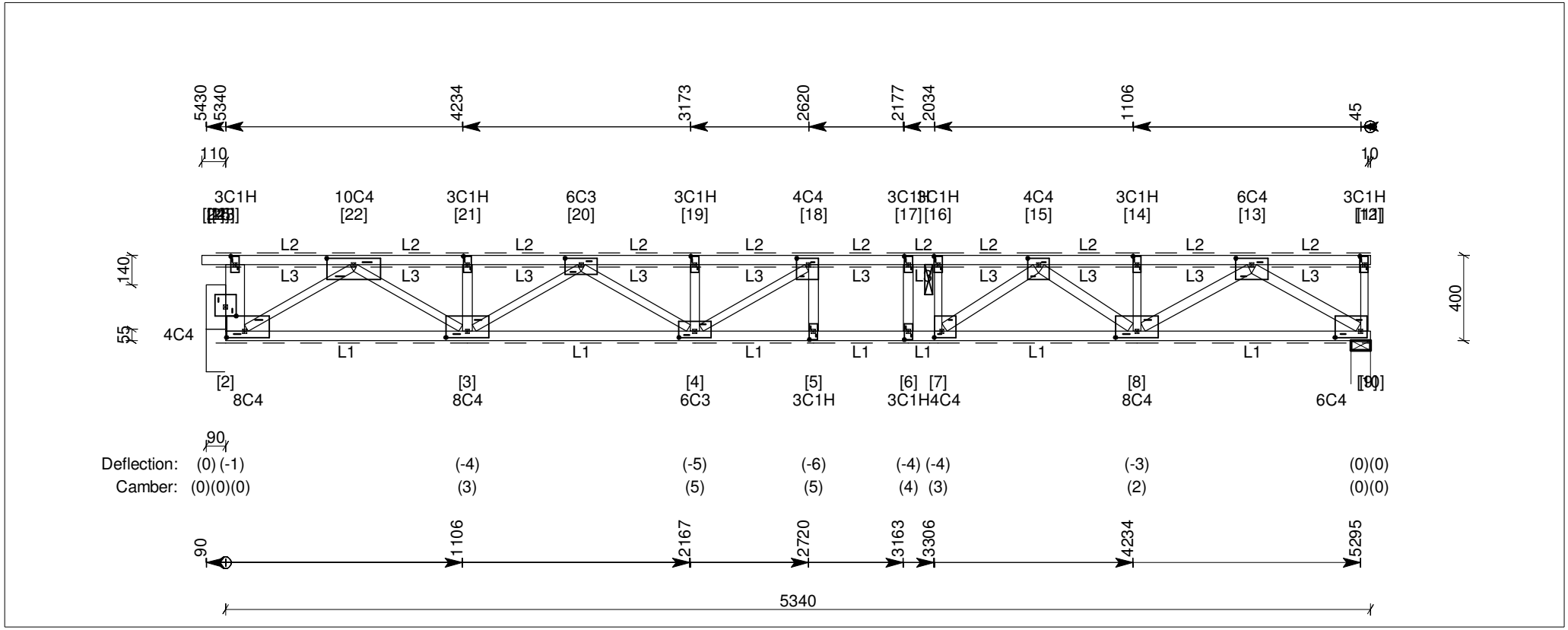
TRUSS DETAILS (DESIGN)

Job Ref: 16-1021

Truss Reference : FT41 (Single Floor Truss)

Truss type: Standard Floor **No. plies:** 1x90mm **Design spacing:** 600mm **No. of :** 1 **Building type:** Residential (Importance level 2) **Imposed floor loading:** 1.5 kPa, 1.8 kN **Floor performance criteria:** Normal
Structural Category: 1



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: Normal (carpet, etc) (3.0 kg/sq.m).

Timber

Top Chords	1 / 45x90 MGP12 uno
Bottom Chords	1 / 45x90 MGP12 uno
Webs	1 / 45x90 MGP10 uno
WB2 (2-23)	1 / 90x90 MGP10
WB3 (2-22)	1 / 35x90 MGP10
WB4 (3-22)	1 / 35x90 MGP10
WB6 (3-20)	1 / 35x90 MGP10
WB7 (4-20)	1 / 35x90 MGP10
WB9 (4-18)	1 / 35x90 MGP10
WB12 (7-16)	1 / 35x90 MGP10
WB15 (8-14)	1 / 35x90 MGP10
WB18 (9-12)	1 / 35x90 MGP10

Notes
1. Deflection = permanent load deflection including creep (negative = downward movement).
2. Refer to "Guide to Installation - Pryda floor truss and rafter truss systems."
3. Floor dynamic performance is assessed on the basis of rigid supports (eg: walls) and using a minimum 140x35MGP10 strongback located near mid-span.

Major supports and factored reactions

Joint	Type	Width	Perm.	Max. down (LC)	Uplift	Tie-down	Connector
9	Wall Int	90	1.6 kN	5.1 kN (Gc+Q2f)	No uplift	-	-
25	Steel/Conc Int	86	1.6 kN	5.0 kN (Gc+Q2f)	No uplift	-	-

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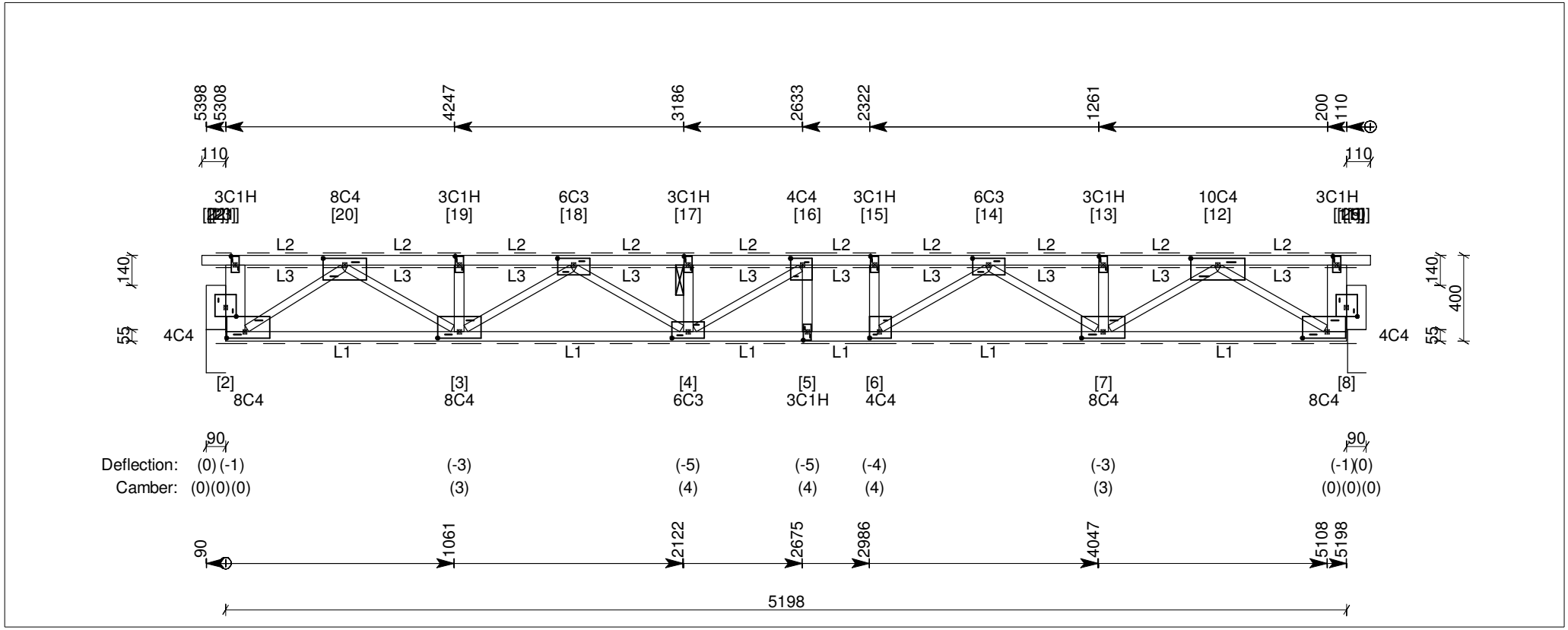
TRUSS DETAILS (DESIGN)

Job Ref: 16-1021

Truss Reference : FT20 (Single Floor Truss)

Truss type: Standard Floor **No. plies:** 1x90mm **Design spacing:** 600mm **No. of :** 1 **Building type:** Residential (Importance level 2) **Imposed floor loading:** 1.5 kPa, 1.8 kN **Floor performance criteria:** Normal
Structural Category: 1



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: Normal (carpet, etc) (3.0 kg/sq.m).

Timber

Top Chords	1 / 45x90 MGP12 uno
Bottom Chords	1 / 45x90 MGP12 uno
Webs	1 / 35x90 MGP10 uno
WB1 (1-22)	1 / 45x90 MGP10
WB2 (2-21)	1 / 90x90 MGP10
WB5 (3-19)	1 / 45x90 MGP10
WB8 (4-17)	1 / 45x90 MGP10
WB10 (5-16)	1 / 45x90 MGP10
WB11 (6-15)	1 / 45x90 MGP10
WB14 (7-13)	1 / 45x90 MGP10
WB17 (8-11)	1 / 90x90 MGP10
WB18 (9-10)	1 / 45x90 MGP10

Notes
1. Deflection = permanent load deflection including creep (negative = downward movement).
2. Refer to "Guide to Installation - Pryda floor truss and rafter truss systems."
3. Floor dynamic performance is assessed on the basis of rigid supports (eg: walls) and using a minimum 140x35MGP10 strongback located near mid-span.

Major supports and factored reactions

Joint	Type	Width	Perm.	Max. down (LC)	Uplift	Tie-down	Connector
23	Steel/Conc Int	90	1.6 kN	5.0 kN (Gc+Q2f)	No uplift	-	-
25	Steel/Conc Int	86	1.6 kN	4.9 kN (Gc+Q2f)	No uplift	-	-

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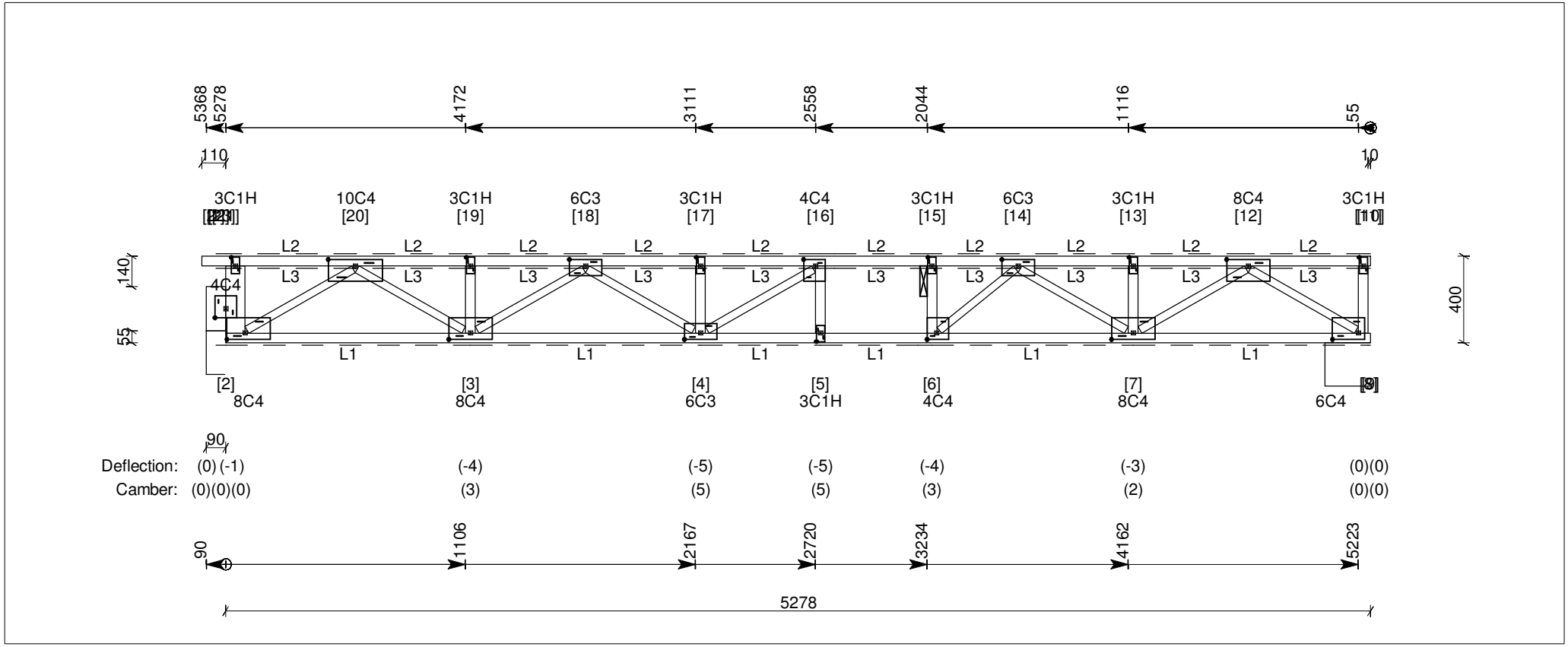
TRUSS DETAILS (DESIGN)

Job Ref: 16-1021

Truss Reference : FT40 (Single Floor Truss)

Truss type: Standard Floor **No. plies:** 1x90mm **Design spacing:** 600mm **No. of :** 1 **Building type:** Residential (Importance level 2) **Imposed floor loading:** 1.5 kPa, 1.8 kN **Floor performance criteria:** Normal
Structural Category: 1



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: Normal (carpet, etc) (3.0 kg/sq.m).

Timber

Top Chords	1 / 45x90 MGP12 uno
Bottom Chords	1 / 45x90 MGP12 uno
Webs	1 / 35x90 MGP10 uno
WB1 (1-22)	1 / 45x90 MGP10
WB2 (2-21)	1 / 90x90 MGP10
WB5 (3-19)	1 / 45x90 MGP10
WB8 (4-17)	1 / 45x90 MGP10
WB10 (5-16)	1 / 45x90 MGP10
WB11 (6-15)	1 / 45x90 MGP10
WB14 (7-13)	1 / 45x90 MGP10
WB17 (8-11)	1 / 45x90 MGP10

Notes
1. Deflection = permanent load deflection including creep (negative = downward movement).
2. Refer to "Guide to Installation - Pryda floor truss and rafter truss systems."
3. Floor dynamic performance is assessed on the basis of rigid supports (eg: walls) and using a minimum 140x35MGP10 strongback located near mid-span.

Major supports and factored reactions

Joint	Type	Width	Perm.	Max. down (LC)	Uplift	Tie-down	Connector
8	Steel/Conc Int	209	1.6 kN	5.0 kN (Gc+Q2f)	No uplift	-	-
23	Steel/Conc Int	86	1.6 kN	5.0 kN (Gc+Q2f)	No uplift	-	-

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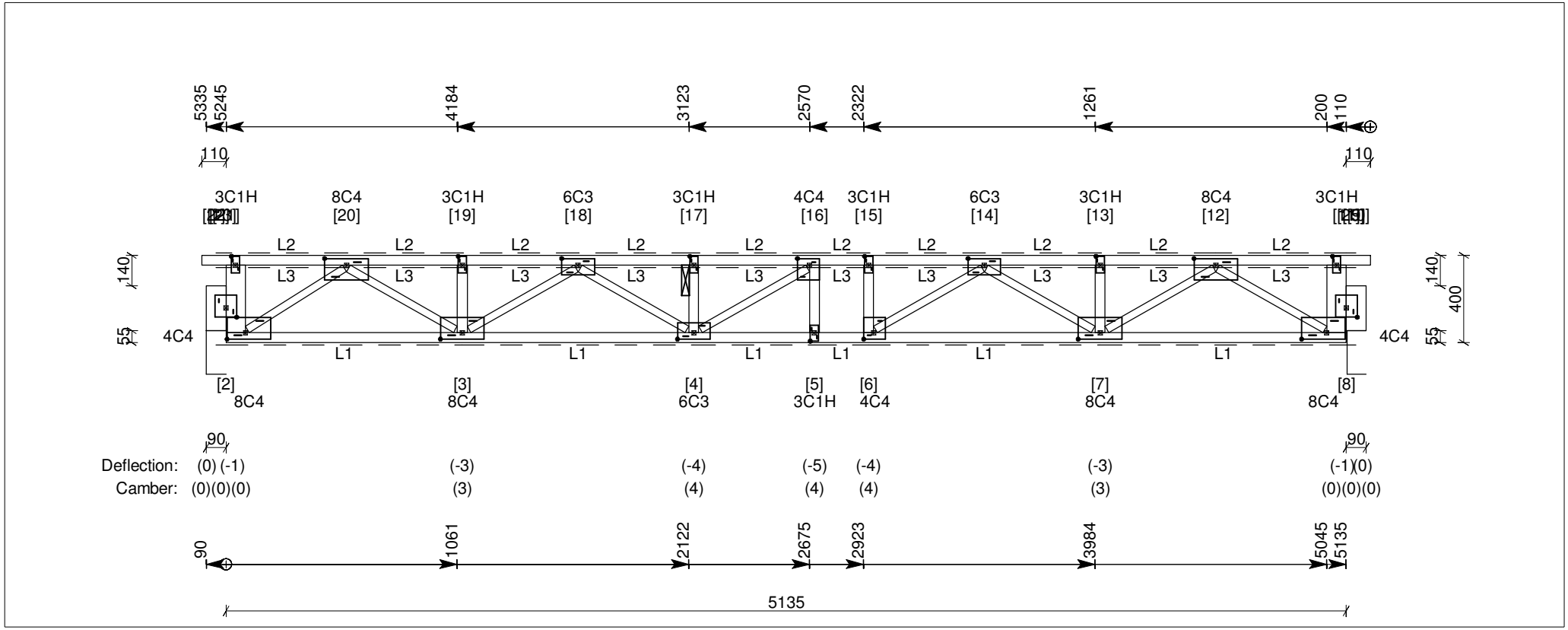
TRUSS DETAILS (DESIGN)

Job Ref: 16-1021

Truss Reference : FT19 (Single Floor Truss)

Truss type: Standard Floor **No. plies:** 1x90mm **Design spacing:** 600mm **No. of :** 1 **Building type:** Residential (Importance level 2) **Imposed floor loading:** 1.5 kPa, 1.8 kN **Floor performance criteria:** Normal
Structural Category: 1



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: Normal (carpet, etc) (3.0 kg/sq.m).

Timber

Top Chords	1 / 45x90 MGP12 uno
Bottom Chords	1 / 45x90 MGP12 uno
Webs	1 / 35x90 MGP10 uno
WB1 (1-22)	1 / 45x90 MGP10
WB2 (2-21)	1 / 90x90 MGP10
WB5 (3-19)	1 / 45x90 MGP10
WB8 (4-17)	1 / 45x90 MGP10
WB10 (5-16)	1 / 45x90 MGP10
WB11 (6-15)	1 / 45x90 MGP10
WB14 (7-13)	1 / 45x90 MGP10
WB17 (8-11)	1 / 90x90 MGP10
WB18 (9-10)	1 / 45x90 MGP10

Notes
1. Deflection = permanent load deflection including creep (negative = downward movement).
2. Refer to "Guide to Installation - Pryda floor truss and rafter truss systems."
3. Floor dynamic performance is assessed on the basis of rigid supports (eg: walls) and using a minimum 140x35MGP10 strongback located near mid-span.

Major supports and factored reactions

Joint	Type	Width	Perm.	Max. down (LC)	Uplift	Tie-down	Connector
23	Steel/Conc Int	90	1.5 kN	4.9 kN (Gc+Q2f)	No uplift	-	-
25	Steel/Conc Int	86	1.5 kN	4.9 kN (Gc+Q2f)	No uplift	-	-

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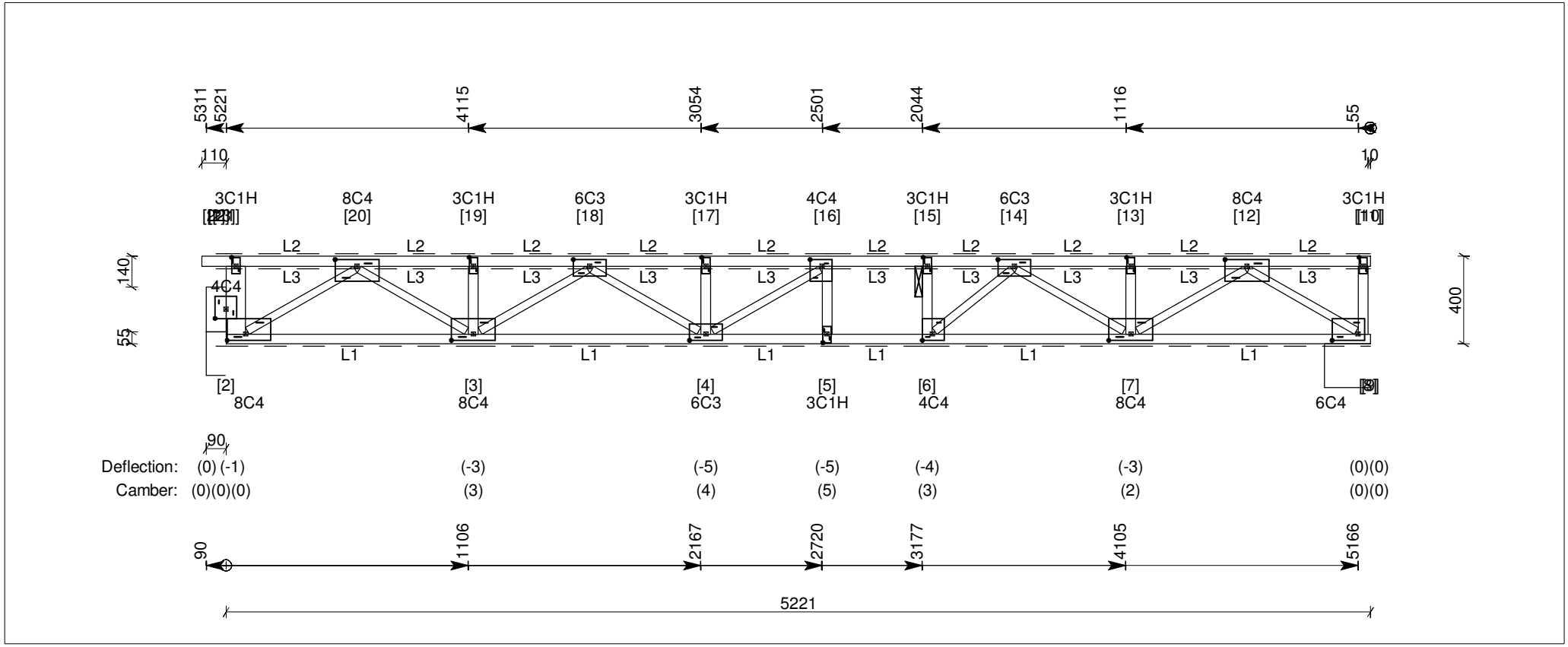
TRUSS DETAILS (DESIGN)

Job Ref: 16-1021

Truss Reference : FT39 (Single Floor Truss)

Truss type: Standard Floor **No. plies:** 1x90mm **Design spacing:** 600mm **No. of :** 1 **Building type:** Residential (Importance level 2) **Imposed floor loading:** 1.5 kPa, 1.8 kN **Floor performance criteria:** Normal
Structural Category: 1



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: Normal (carpet, etc) (3.0 kg/sq.m).

Timber

Top Chords	1 / 45x90 MGP12 uno
Bottom Chords	1 / 45x90 MGP12 uno
Webs	1 / 35x90 MGP10 uno
WB1 (1-22)	1 / 45x90 MGP10
WB2 (2-21)	1 / 90x90 MGP10
WB5 (3-19)	1 / 45x90 MGP10
WB8 (4-17)	1 / 45x90 MGP10
WB10 (5-16)	1 / 45x90 MGP10
WB11 (6-15)	1 / 45x90 MGP10
WB14 (7-13)	1 / 45x90 MGP10
WB17 (8-11)	1 / 45x90 MGP10

Notes
1. Deflection = permanent load deflection including creep (negative = downward movement).
2. Refer to "Guide to Installation - Pryda floor truss and rafter truss systems."
3. Floor dynamic performance is assessed on the basis of rigid supports (eg: walls) and using a minimum 140x35MGP10 strongback located near mid-span.

Major supports and factored reactions

Joint	Type	Width	Perm.	Max. down (LC)	Uplift	Tie-down	Connector
8	Steel/Conc Int	209	1.6 kN	5.0 kN (Gc+Q2f)	No uplift	-	-
23	Steel/Conc Int	86	1.5 kN	4.9 kN (Gc+Q2f)	No uplift	-	-

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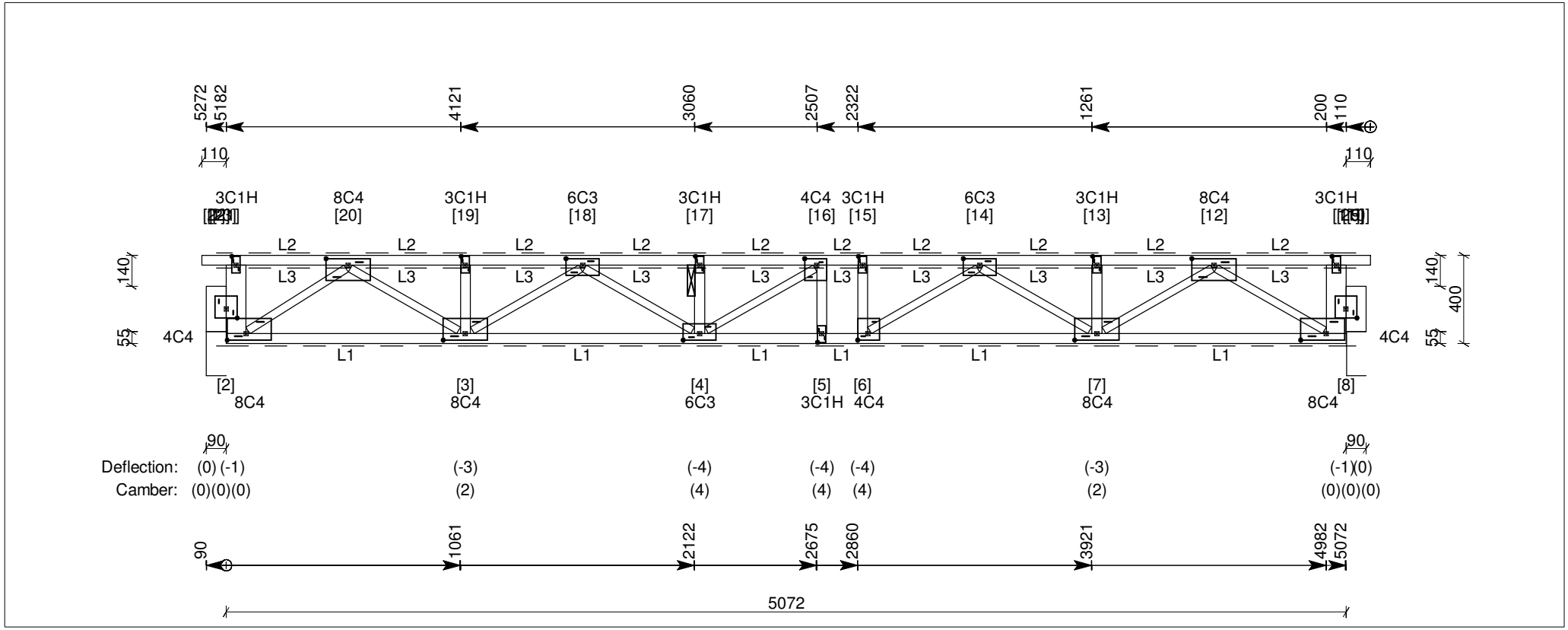
TRUSS DETAILS (DESIGN)

Job Ref: 16-1021

Truss Reference : FT18 (Single Floor Truss)

Truss type: Standard Floor **No. plies:** 1x90mm **Design spacing:** 600mm **No. of :** 1 **Building type:** Residential (Importance 2) **Imposed floor loading:** 1.5 kPa, 1.8 kN **Floor performance criteria:** Normal
Structural Category: 1



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: Normal (carpet, etc) (3.0 kg/sq.m).

Timber

Top Chords	1 / 45x90 MGP12 uno
Bottom Chords	1 / 45x90 MGP12 uno
Webs	1 / 35x90 MGP10 uno
WB1 (1-22)	1 / 45x90 MGP10
WB2 (2-21)	1 / 90x90 MGP10
WB5 (3-19)	1 / 45x90 MGP10
WB8 (4-17)	1 / 45x90 MGP10
WB10 (5-16)	1 / 45x90 MGP10
WB11 (6-15)	1 / 45x90 MGP10
WB14 (7-13)	1 / 45x90 MGP10
WB17 (8-11)	1 / 90x90 MGP10
WB18 (9-10)	1 / 45x90 MGP10

Notes
1. Deflection = permanent load deflection including creep (negative = downward movement).
2. Refer to "Guide to Installation - Pryda floor truss and rafter truss systems."
3. Floor dynamic performance is assessed on the basis of rigid supports (eg: walls) and using a minimum 140x35MGP10 strongback located near mid-span.

Major supports and factored reactions

Joint	Type	Width	Perm.	Max. down (LC)	Uplift	Tie-down	Connector
23	Steel/Conc Int	90	1.5 kN	4.8 kN (Gc+Q2f)	No uplift	-	-
25	Steel/Conc Int	86	1.5 kN	4.8 kN (Gc+Q2f)	No uplift	-	-

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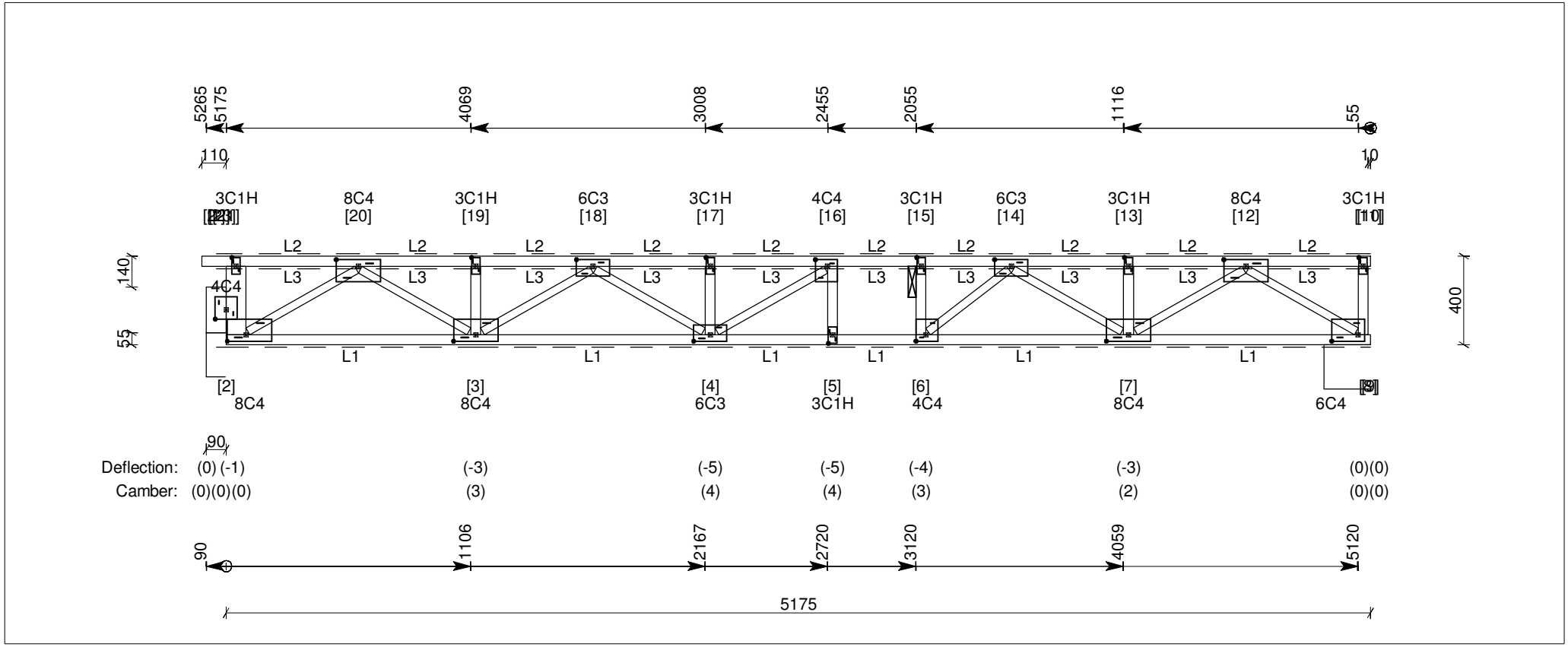
TRUSS DETAILS (DESIGN)

Job Ref: 16-1021

Truss Reference : FT38 (Single Floor Truss)

Truss type: Standard Floor **No. plies:** 1x90mm **Design spacing:** 600mm **No. of :** 1 **Building type:** Residential (Importance level 2) **Imposed floor loading:** 1.5 kPa, 1.8 kN **Floor performance criteria:** Normal
Structural Category: 1



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: Normal (carpet, etc) (3.0 kg/sq.m).

Timber

Top Chords	1 / 45x90 MGP12 uno
Bottom Chords	1 / 45x90 MGP12 uno
Webs	1 / 35x90 MGP10 uno
WB1 (1-22)	1 / 45x90 MGP10
WB2 (2-21)	1 / 90x90 MGP10
WB5 (3-19)	1 / 45x90 MGP10
WB8 (4-17)	1 / 45x90 MGP10
WB10 (5-16)	1 / 45x90 MGP10
WB11 (6-15)	1 / 45x90 MGP10
WB14 (7-13)	1 / 45x90 MGP10
WB17 (8-11)	1 / 45x90 MGP10

Notes
1. Deflection = permanent load deflection including creep (negative = downward movement).
2. Refer to "Guide to Installation - Pryda floor truss and rafter truss systems."
3. Floor dynamic performance is assessed on the basis of rigid supports (eg: walls) and using a minimum 140x35MGP10 strongback located near mid-span.

Major supports and factored reactions

Joint	Type	Width	Perm.	Max. down (LC)	Uplift	Tie-down	Connector
8	Steel/Conc Int	209	1.5 kN	4.9 kN (Gc+Q2f)	No uplift	-	-
23	Steel/Conc Int	86	1.5 kN	4.9 kN (Gc+Q2f)	No uplift	-	-

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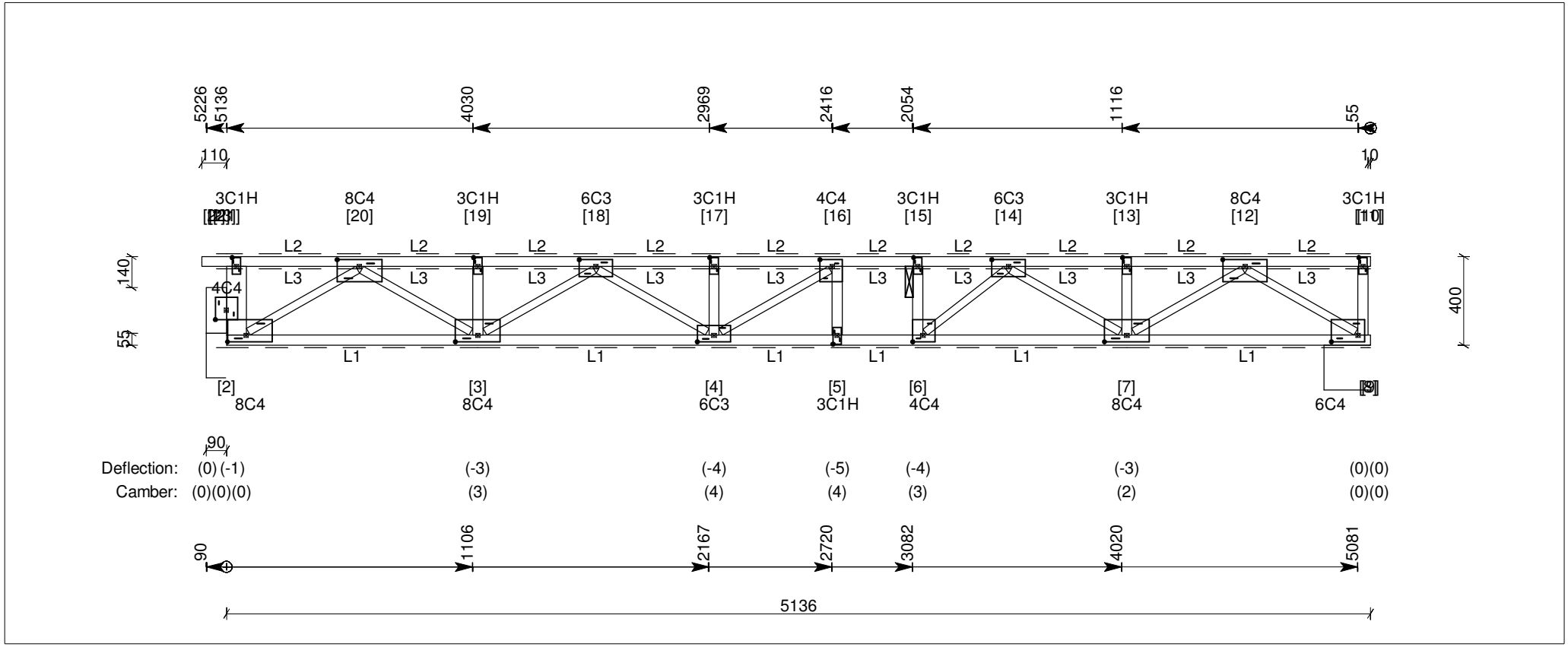
TRUSS DETAILS (DESIGN)

Job Ref: 16-1021

Truss Reference : FT37 (Single Floor Truss)

Truss type: Standard Floor **No. plies:** 1x90mm **Design spacing:** 600mm **No. of :** 1 **Building type:** Residential (Importance level 2) **Imposed floor loading:** 1.5 kPa, 1.8 kN **Floor performance criteria:** Normal
Structural Category: 1



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: Normal (carpet, etc) (3.0 kg/sq.m).

Timber

Top Chords	1 / 45x90 MGP12 uno
Bottom Chords	1 / 45x90 MGP12 uno
Webs	1 / 35x90 MGP10 uno
WB1 (1-22)	1 / 45x90 MGP10
WB2 (2-21)	1 / 90x90 MGP10
WB5 (3-19)	1 / 45x90 MGP10
WB8 (4-17)	1 / 45x90 MGP10
WB10 (5-16)	1 / 45x90 MGP10
WB11 (6-15)	1 / 45x90 MGP10
WB14 (7-13)	1 / 45x90 MGP10
WB17 (8-11)	1 / 45x90 MGP10

Notes
1. Deflection = permanent load deflection including creep (negative = downward movement).
2. Refer to "Guide to Installation - Pryda floor truss and rafter truss systems."
3. Floor dynamic performance is assessed on the basis of rigid supports (eg: walls) and using a minimum 140x35MGP10 strongback located near mid-span.

Major supports and factored reactions

Joint	Type	Width	Perm.	Max. down (LC)	Uplift	Tie-down	Connector
8	Steel/Conc Int	209	1.5 kN	4.9 kN (Gc+Q2f)	No uplift	-	-
23	Steel/Conc Int	86	1.5 kN	4.8 kN (Gc+Q2f)	No uplift	-	-

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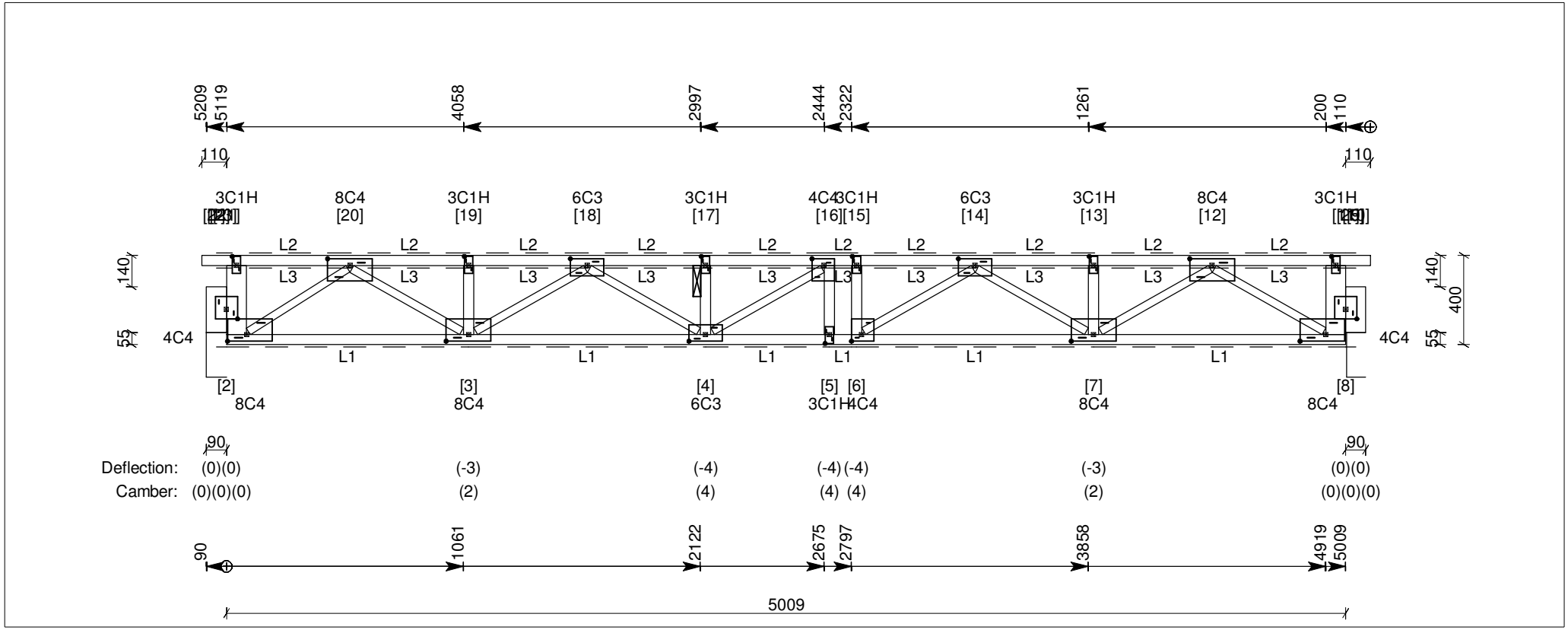
TRUSS DETAILS (DESIGN)

Job Ref: 16-1021

Truss Reference : FT17 (Single Floor Truss)

Truss type: Standard Floor **No. plies:** 1x90mm **Design spacing:** 600mm **No. of :** 1 **Building type:** Residential (Importance level 2) **Imposed floor loading:** 1.5 kPa, 1.8 kN **Floor performance criteria:** Normal
Structural Category: 1



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: Normal (carpet, etc) (3.0 kg/sq.m).

Timber

Top Chords	1 / 45x90 MGP12 uno
Bottom Chords	1 / 45x90 MGP12 uno
Webs	1 / 35x90 MGP10 uno
WB1 (1-22)	1 / 45x90 MGP10
WB2 (2-21)	1 / 90x90 MGP10
WB5 (3-19)	1 / 45x90 MGP10
WB8 (4-17)	1 / 45x90 MGP10
WB10 (5-16)	1 / 45x90 MGP10
WB11 (6-15)	1 / 45x90 MGP10
WB14 (7-13)	1 / 45x90 MGP10
WB17 (8-11)	1 / 90x90 MGP10
WB18 (9-10)	1 / 45x90 MGP10

Notes
1. Deflection = permanent load deflection including creep (negative = downward movement).
2. Refer to "Guide to Installation - Pryda floor truss and rafter truss systems."
3. Floor dynamic performance is assessed on the basis of rigid supports (eg: walls) and using a minimum 140x35MGP10 strongback located near mid-span.

Major supports and factored reactions

Joint	Type	Width	Perm.	Max. down (LC)	Uplift	Tie-down	Connector
23	Steel/Conc Int	90	1.5 kN	4.8 kN (Gc+Q2f)	No uplift	-	-
25	Steel/Conc Int	86	1.5 kN	4.8 kN (Gc+Q2f)	No uplift	-	-

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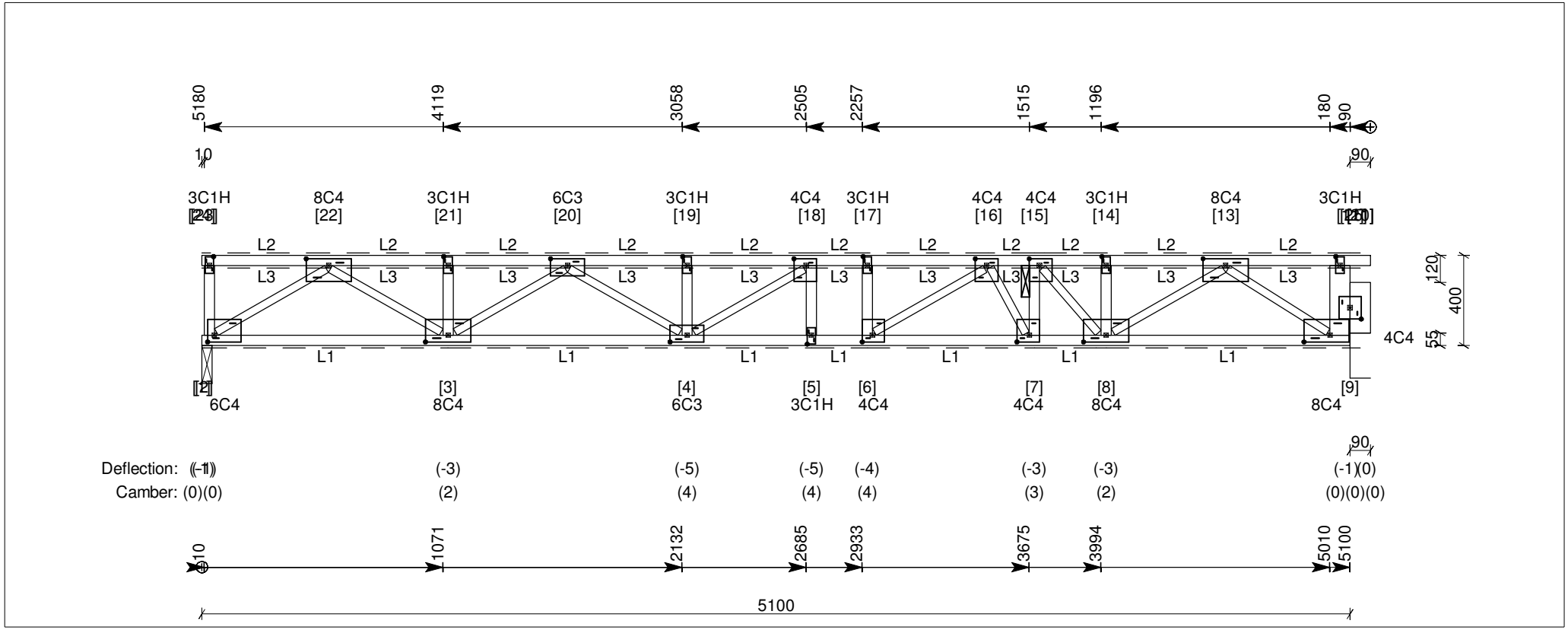
TRUSS DETAILS (DESIGN)

Job Ref: 16-1021

Truss Reference : FT1 (Single Floor Truss)

Truss type: Standard Floor **No. plies:** 1x90mm **Design spacing:** 600mm **No. of :** 6 **Building type:** Residential (Importance level 2) **Imposed floor loading:** 1.5 kPa, 1.8 kN **Floor performance criteria:** Normal
Structural Category: 1



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: Normal (carpet, etc) (3.0 kg/sq.m).

Timber

Top Chords	1 / 45x90 MGP12 uno
Bottom Chords	1 / 45x90 MGP12 uno
Webs	1 / 35x90 MGP10 uno
WB1 (2-23)	1 / 45x90 MGP10
WB4 (3-21)	1 / 45x90 MGP10
WB7 (4-19)	1 / 45x90 MGP10
WB9 (5-18)	1 / 45x90 MGP10
WB10 (6-17)	1 / 45x90 MGP10
WB13 (7-15)	1 / 45x90 MGP10
WB15 (8-14)	1 / 45x90 MGP10
WB18 (9-12)	1 / 90x90 MGP10
WB19 (10-11)	1 / 45x90 MGP10

Notes
1. Deflection = permanent load deflection including creep (negative = downward movement).
2. Refer to "Guide to Installation - Pryda floor truss and rafter truss systems."
3. Floor dynamic performance is assessed on the basis of rigid supports (eg: walls) and using a minimum 140x35MGP10 strongback located near mid-span.

Major supports and factored reactions

Joint	Type	Width	Perm.	Max. down (LC)	Uplift	Tie-down	Connector
2	Beam Int	45	1.5 kN	4.9 kN (Gc+Q2f)	No uplift	-	-
25	Steel/Conc Int	90	1.5 kN	4.8 kN (Gc+Q2f)	No uplift	-	-

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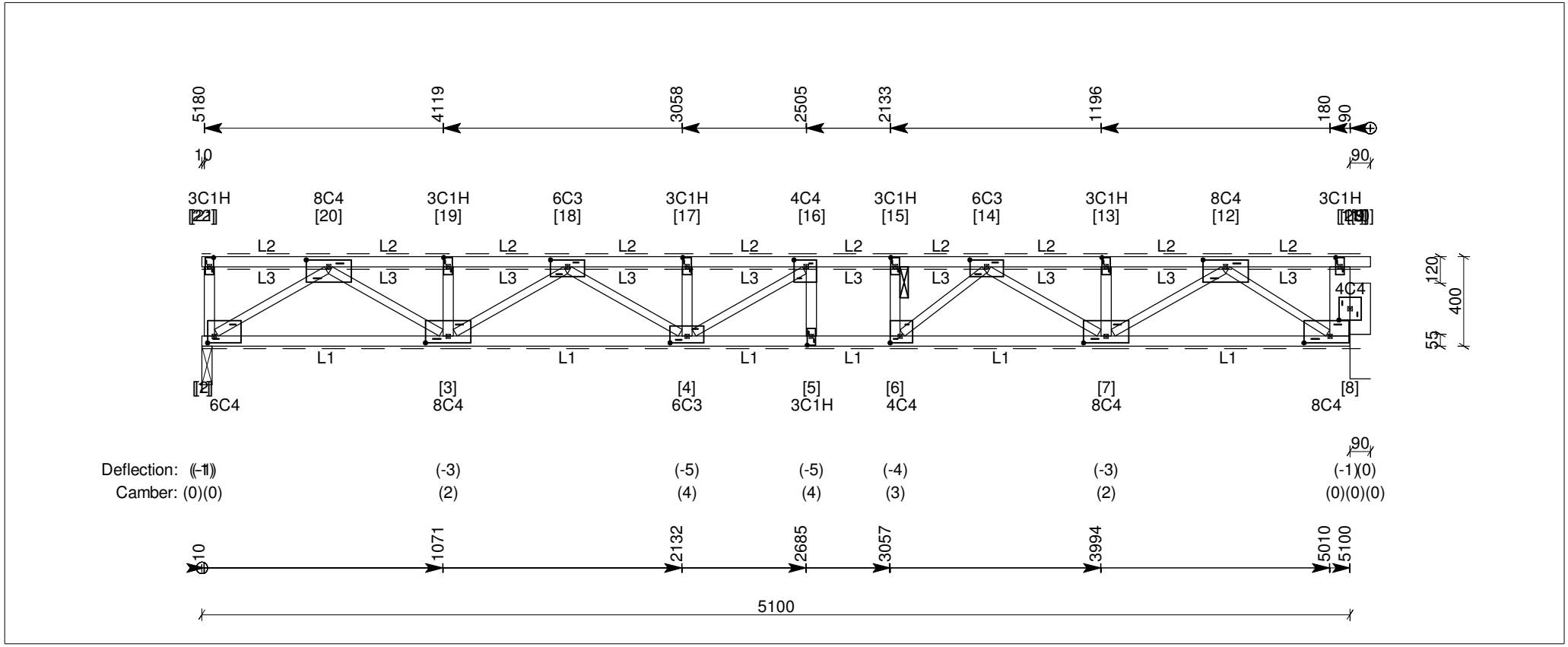
TRUSS DETAILS (DESIGN)

Job Ref: 16-1021

Truss Reference : FT2 (Single Floor Truss)

Truss type: Standard Floor **No. plies:** 1x90mm **Design spacing:** 600mm **No. of :** 4 **Building type:** Residential (Importance 2) **Imposed floor loading:** 1.5 kPa, 1.8 kN **Floor performance criteria:** Normal
Structural Category: 1



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: Normal (carpet, etc) (3.0 kg/sq.m).

Timber

Top Chords	1 / 45x90 MGP12 uno
Bottom Chords	1 / 45x90 MGP12 uno
Webs	1 / 35x90 MGP10 uno
WB1 (2-21)	1 / 45x90 MGP10
WB4 (3-19)	1 / 45x90 MGP10
WB7 (4-17)	1 / 45x90 MGP10
WB9 (5-16)	1 / 45x90 MGP10
WB10 (6-15)	1 / 45x90 MGP10
WB13 (7-13)	1 / 45x90 MGP10
WB16 (8-11)	1 / 90x90 MGP10
WB17 (9-10)	1 / 45x90 MGP10

Notes
1. Deflection = permanent load deflection including creep (negative = downward movement).
2. Refer to "Guide to Installation - Pryda floor truss and rafter truss systems."
3. Floor dynamic performance is assessed on the basis of rigid supports (eg: walls) and using a minimum 140x35MGP10 strongback located near mid-span.

Major supports and factored reactions

Joint	Type	Width	Perm.	Max. down (LC)	Uplift	Tie-down	Connector
2	Beam Int	45	1.5 kN	4.9 kN (Gc+Q2f)	No uplift	-	-
23	Steel/Conc Int	90	1.5 kN	4.8 kN (Gc+Q2f)	No uplift	-	-

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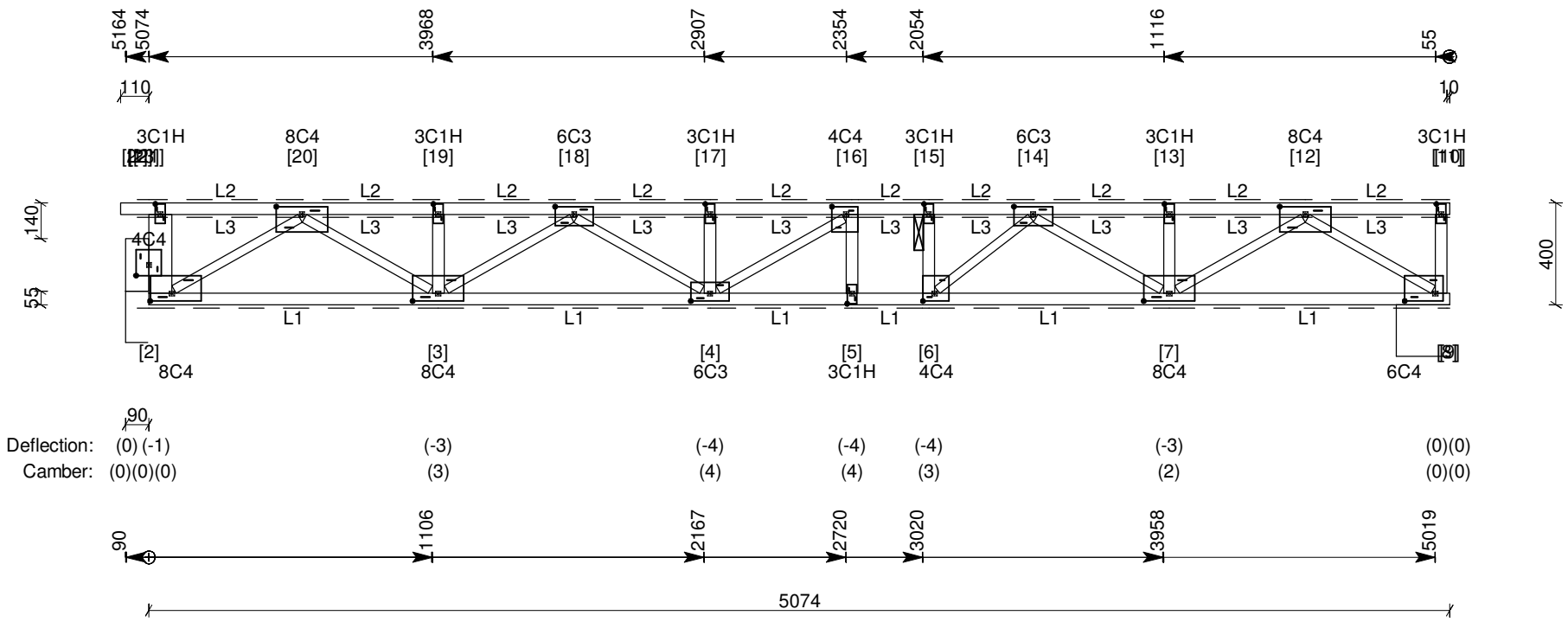
TRUSS DETAILS (DESIGN)

Job Ref: 16-1021

Truss Reference : FT36 (Single Floor Truss)

Truss type: Standard Floor **No. plies:** 1x90mm **Design spacing:** 600mm **No. of :** 1 **Building type:** Residential (Importance level 2) **Imposed floor loading:** 1.5 kPa, 1.8 kN **Floor performance criteria:** Normal
Structural Category: 1



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: Normal (carpet, etc) (3.0 kg/sq.m).

Timber

Top Chords	1 / 45x90 MGP12 uno
Bottom Chords	1 / 45x90 MGP12 uno
Webs	1 / 35x90 MGP10 uno
WB1 (1-22)	1 / 45x90 MGP10
WB2 (2-21)	1 / 90x90 MGP10
WB5 (3-19)	1 / 45x90 MGP10
WB8 (4-17)	1 / 45x90 MGP10
WB10 (5-16)	1 / 45x90 MGP10
WB11 (6-15)	1 / 45x90 MGP10
WB14 (7-13)	1 / 45x90 MGP10
WB17 (8-11)	1 / 45x90 MGP10

Notes
1. Deflection = permanent load deflection including creep (negative = downward movement).
2. Refer to "Guide to Installation - Pryda floor truss and rafter truss systems."
3. Floor dynamic performance is assessed on the basis of rigid supports (eg: walls) and using a minimum 140x35MGP10 strongback located near mid-span.

Major supports and factored reactions

Joint	Type	Width	Perm.	Max. down (LC)	Uplift	Tie-down	Connector
8	Steel/Conc Int	209	1.5 kN	4.8 kN (Gc+Q2f)	No uplift	-	-
23	Steel/Conc Int	86	1.5 kN	4.8 kN (Gc+Q2f)	No uplift	-	-

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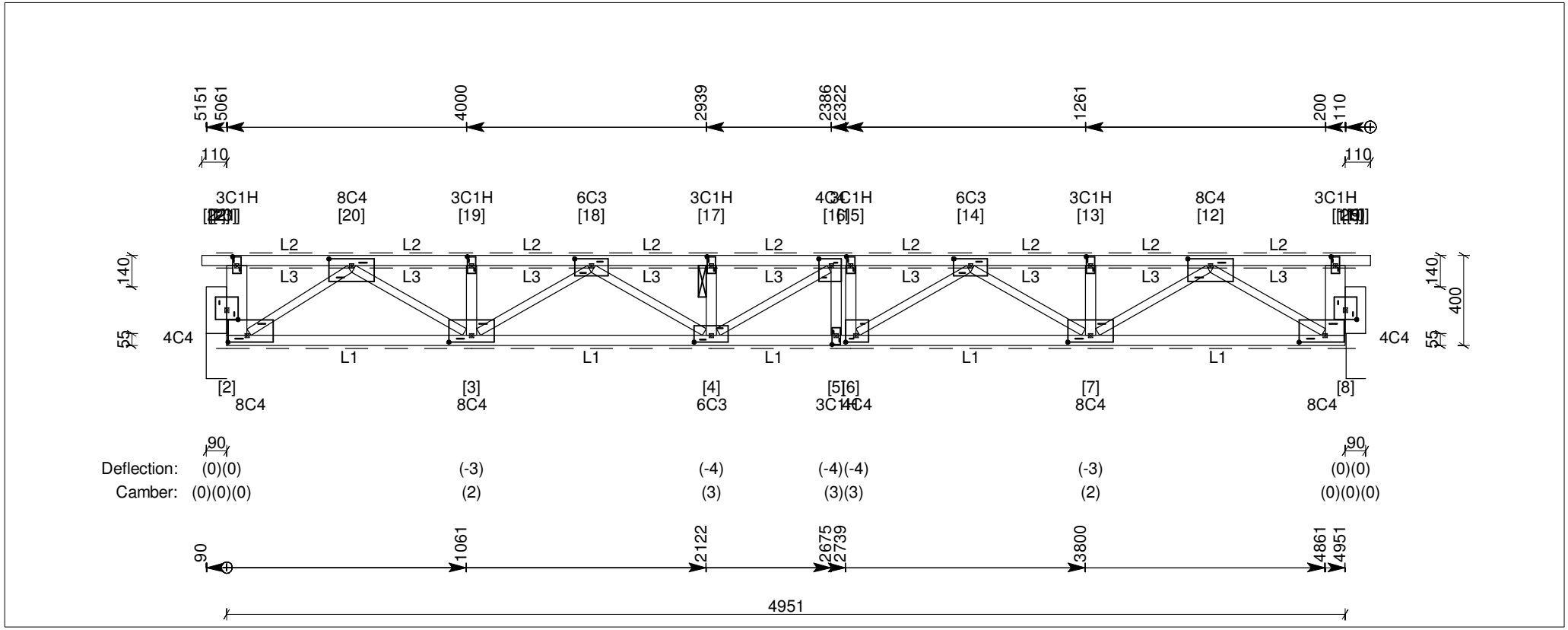
TRUSS DETAILS (DESIGN)

Job Ref: 16-1021

Truss Reference : FT16 (Single Floor Truss)

Truss type: Standard Floor **No. plies:** 1x90mm **Design spacing:** 600mm **No. of :** 1 **Building type:** Residential (Importance level 2) **Imposed floor loading:** 1.5 kPa, 1.8 kN **Floor performance criteria:** Normal
Structural Category: 1



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: Normal (carpet, etc) (3.0 kg/sq.m).

Timber

Top Chords	1 / 45x90 MGP12 uno
Bottom Chords	1 / 45x90 MGP12 uno
Webs	1 / 35x90 MGP10 uno
WB1 (1-22)	1 / 45x90 MGP10
WB2 (2-21)	1 / 90x90 MGP10
WB5 (3-19)	1 / 45x90 MGP10
WB8 (4-17)	1 / 45x90 MGP10
WB10 (5-16)	1 / 45x90 MGP10
WB11 (6-15)	1 / 45x90 MGP10
WB14 (7-13)	1 / 45x90 MGP10
WB17 (8-11)	1 / 90x90 MGP10
WB18 (9-10)	1 / 45x90 MGP10

Notes
1. Deflection = permanent load deflection including creep (negative = downward movement).
2. Refer to "Guide to Installation - Pryda floor truss and rafter truss systems."
3. Floor dynamic performance is assessed on the basis of rigid supports (eg: walls) and using a minimum 140x35MGP10 strongback located near mid-span.

Major supports and factored reactions

Joint	Type	Width	Perm.	Max. down (LC)	Uplift	Tie-down	Connector
23	Steel/Conc Int	90	1.5 kN	4.7 kN (Gc+Q2f)	No uplift	-	-
25	Steel/Conc Int	86	1.5 kN	4.7 kN (Gc+Q2f)	No uplift	-	-

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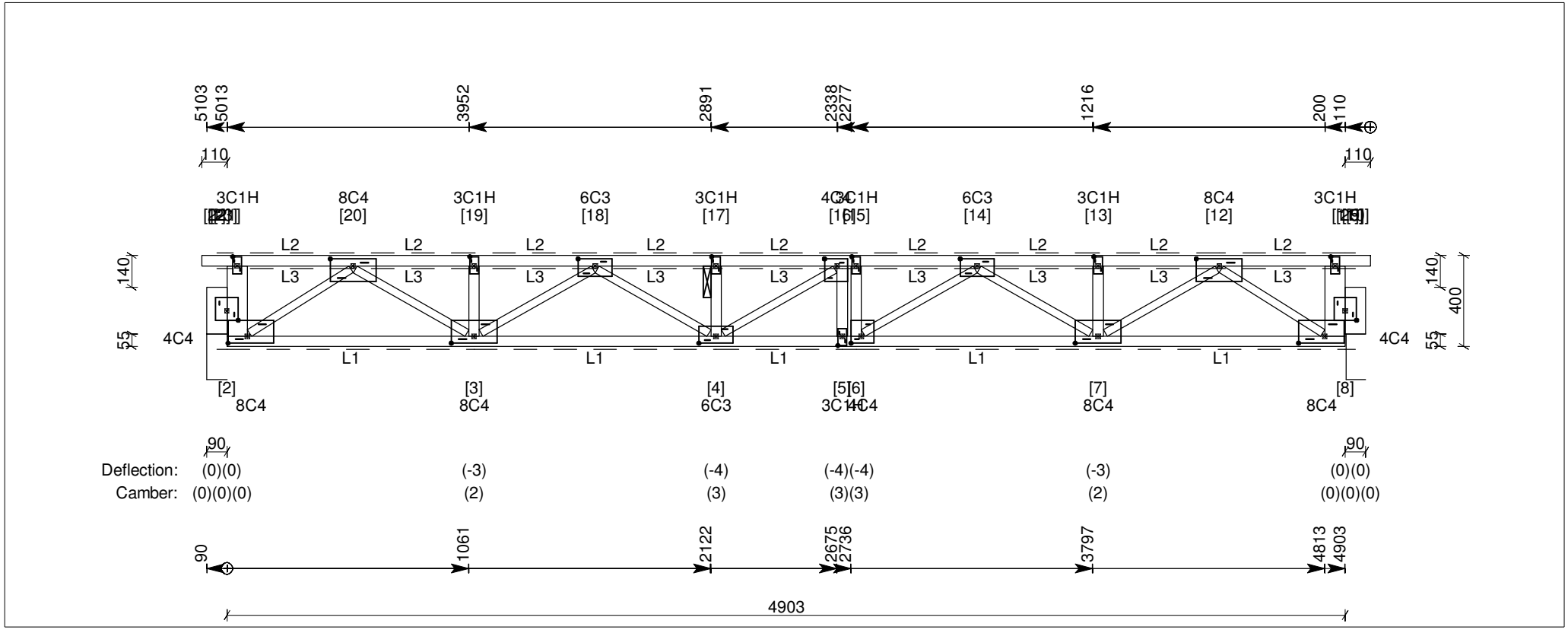
TRUSS DETAILS (DESIGN)

Job Ref: 16-1021

Truss Reference : FT15 (Single Floor Truss)

Truss type: Standard Floor **No. plies:** 1x90mm **Design spacing:** 600mm **No. of :** 1 **Building type:** Residential (Importance level 2) **Imposed floor loading:** 1.5 kPa, 1.8 kN **Floor performance criteria:** Normal
Structural Category: 1



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: Normal (carpet, etc) (3.0 kg/sq.m).

Timber

Top Chords	1 / 45x90 MGP12 uno
Bottom Chords	1 / 45x90 MGP12 uno
Webs	1 / 35x90 MGP10 uno
WB1 (1-22)	1 / 45x90 MGP10
WB2 (2-21)	1 / 90x90 MGP10
WB5 (3-19)	1 / 45x90 MGP10
WB8 (4-17)	1 / 45x90 MGP10
WB10 (5-16)	1 / 45x90 MGP10
WB11 (6-15)	1 / 45x90 MGP10
WB14 (7-13)	1 / 45x90 MGP10
WB17 (8-11)	1 / 90x90 MGP10
WB18 (9-10)	1 / 45x90 MGP10

Notes
1. Deflection = permanent load deflection including creep (negative = downward movement).
2. Refer to "Guide to Installation - Pryda floor truss and rafter truss systems."
3. Floor dynamic performance is assessed on the basis of rigid supports (eg: walls) and using a minimum 140x35MGP10 strongback located near mid-span.

Major supports and factored reactions

Joint	Type	Width	Perm.	Max. down (LC)	Uplift	Tie-down	Connector
23	Steel/Conc Int	90	1.5 kN	4.7 kN (Gc+Q2f)	No uplift	-	-
25	Steel/Conc Int	86	1.5 kN	4.7 kN (Gc+Q2f)	No uplift	-	-

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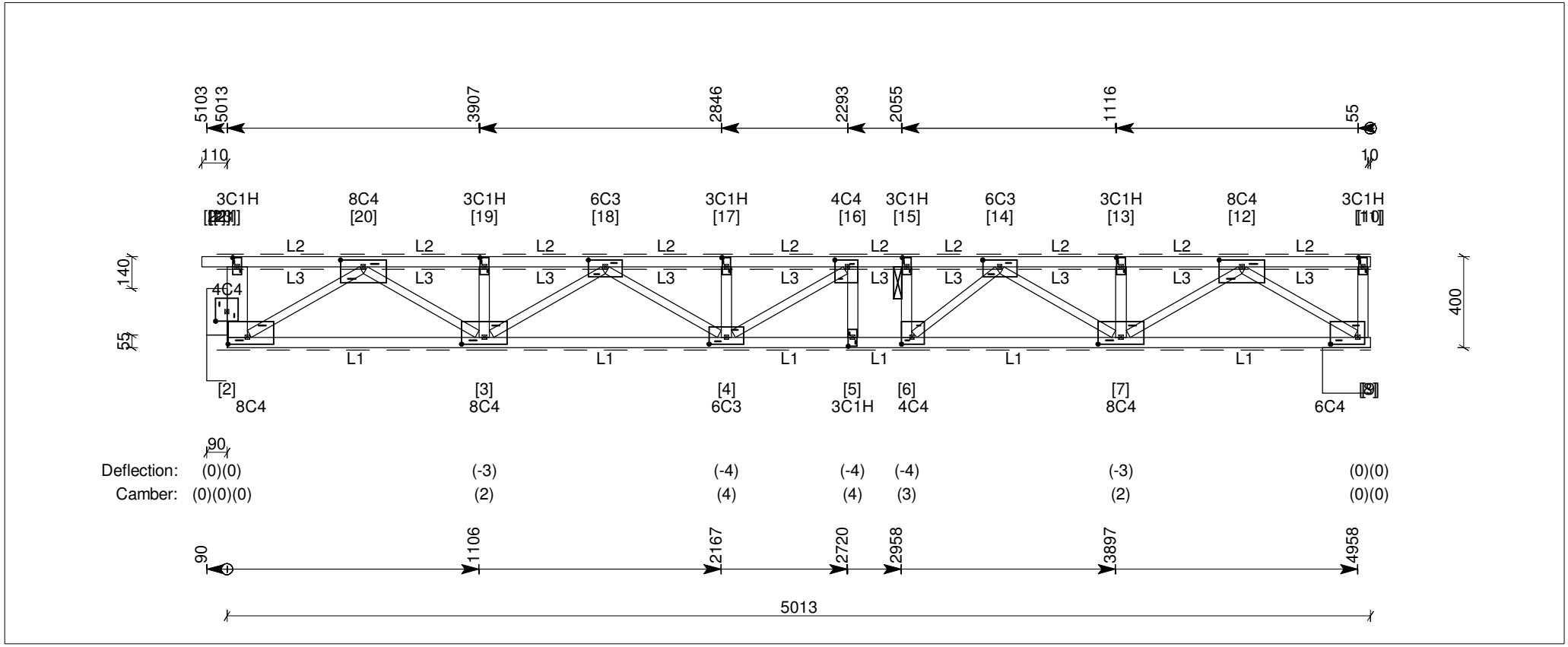
TRUSS DETAILS (DESIGN)

Job Ref: 16-1021

Truss Reference : FT35 (Single Floor Truss)

Truss type: Standard Floor **No. plies:** 1x90mm **Design spacing:** 600mm **No. of :** 1 **Building type:** Residential (Importance level 2) **Imposed floor loading:** 1.5 kPa, 1.8 kN **Floor performance criteria:** Normal
Structural Category: 1



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: Normal (carpet, etc) (3.0 kg/sq.m).

Timber

Top Chords	1 / 45x90 MGP12 uno
Bottom Chords	1 / 45x90 MGP12 uno
Webs	1 / 35x90 MGP10 uno
WB1 (1-22)	1 / 45x90 MGP10
WB2 (2-21)	1 / 90x90 MGP10
WB5 (3-19)	1 / 45x90 MGP10
WB8 (4-17)	1 / 45x90 MGP10
WB10 (5-16)	1 / 45x90 MGP10
WB11 (6-15)	1 / 45x90 MGP10
WB14 (7-13)	1 / 45x90 MGP10
WB17 (8-11)	1 / 45x90 MGP10

Notes
1. Deflection = permanent load deflection including creep (negative = downward movement).
2. Refer to "Guide to Installation - Pryda floor truss and rafter truss systems."
3. Floor dynamic performance is assessed on the basis of rigid supports (eg: walls) and using a minimum 140x35MGP10 strongback located near mid-span.

Major supports and factored reactions

Joint	Type	Width	Perm.	Max. down (LC)	Uplift	Tie-down	Connector
8	Steel/Conc Int	209	1.5 kN	4.8 kN (Gc+Q2f)	No uplift	-	-
23	Steel/Conc Int	86	1.5 kN	4.7 kN (Gc+Q2f)	No uplift	-	-

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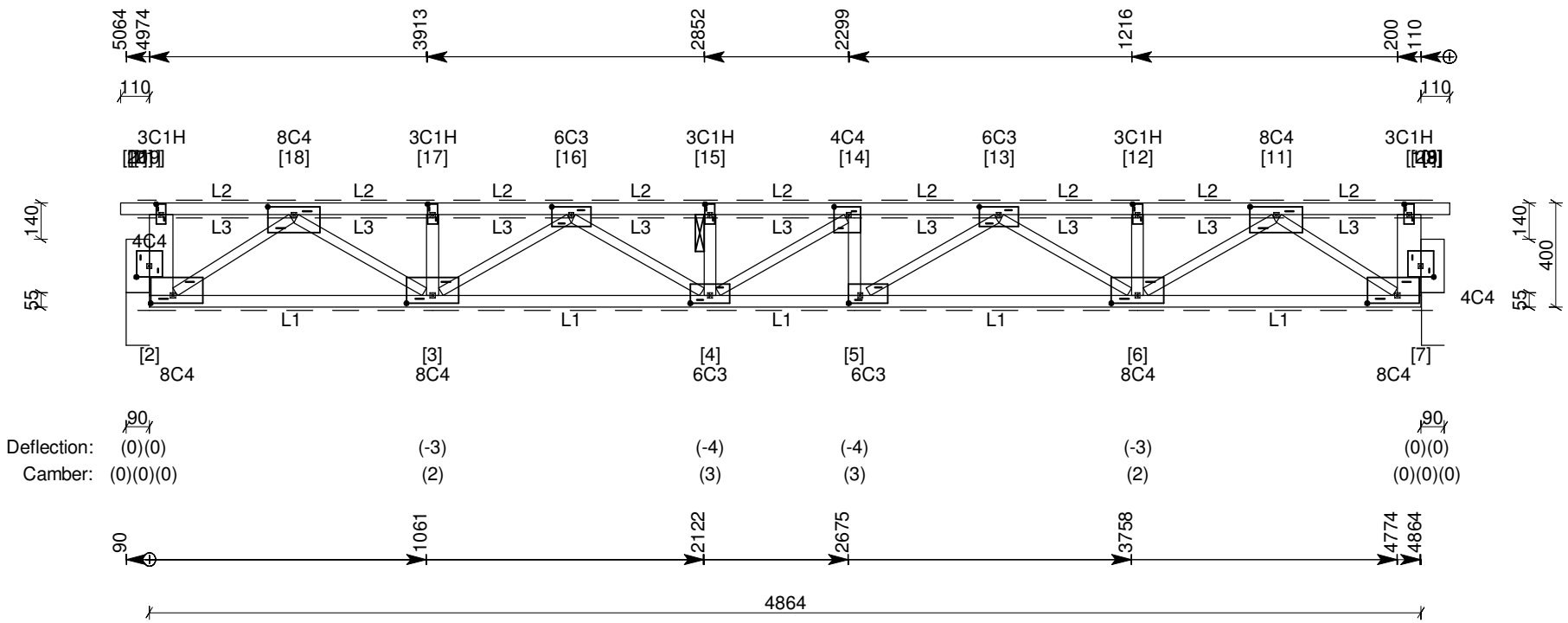
TRUSS DETAILS (DESIGN)

Job Ref: 16-1021

Truss Reference : FT14 (Single Floor Truss)

Truss type: Standard Floor **No. plies:** 1x90mm **Design spacing:** 600mm **No. of :** 1 **Building type:** Residential (Importance level 2) **Imposed floor loading:** 1.5 kPa, 1.8 kN **Floor performance criteria:** Normal
Structural Category: 1



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: Normal (carpet, etc) (3.0 kg/sq.m).

Timber

Top Chords	1 / 45x90 MGP12 uno
Bottom Chords	1 / 45x90 MGP12 uno
Webs	1 / 35x90 MGP10 uno
WB1 (1-20)	1 / 45x90 MGP10
WB2 (2-19)	1 / 90x90 MGP10
WB5 (3-17)	1 / 45x90 MGP10
WB8 (4-15)	1 / 45x90 MGP10
WB10 (5-14)	1 / 45x90 MGP10
WB13 (6-12)	1 / 45x90 MGP10
WB16 (7-10)	1 / 90x90 MGP10
WB17 (8-9)	1 / 45x90 MGP10

Notes
1. Deflection = permanent load deflection including creep (negative = downward movement).
2. Refer to "Guide to Installation - Pryda floor truss and rafter truss systems."
3. Floor dynamic performance is assessed on the basis of rigid supports (eg: walls) and using a minimum 140x35MGP10 strongback located near mid-span.

Major supports and factored reactions

Joint	Type	Width	Perm.	Max. down (LC)	Uplift	Tie-down	Connector
21	Steel/Conc Int	90	1.5 kN	4.6 kN (Gc+Q2f)	No uplift	-	-
23	Steel/Conc Int	86	1.5 kN	4.6 kN (Gc+Q2f)	No uplift	-	-

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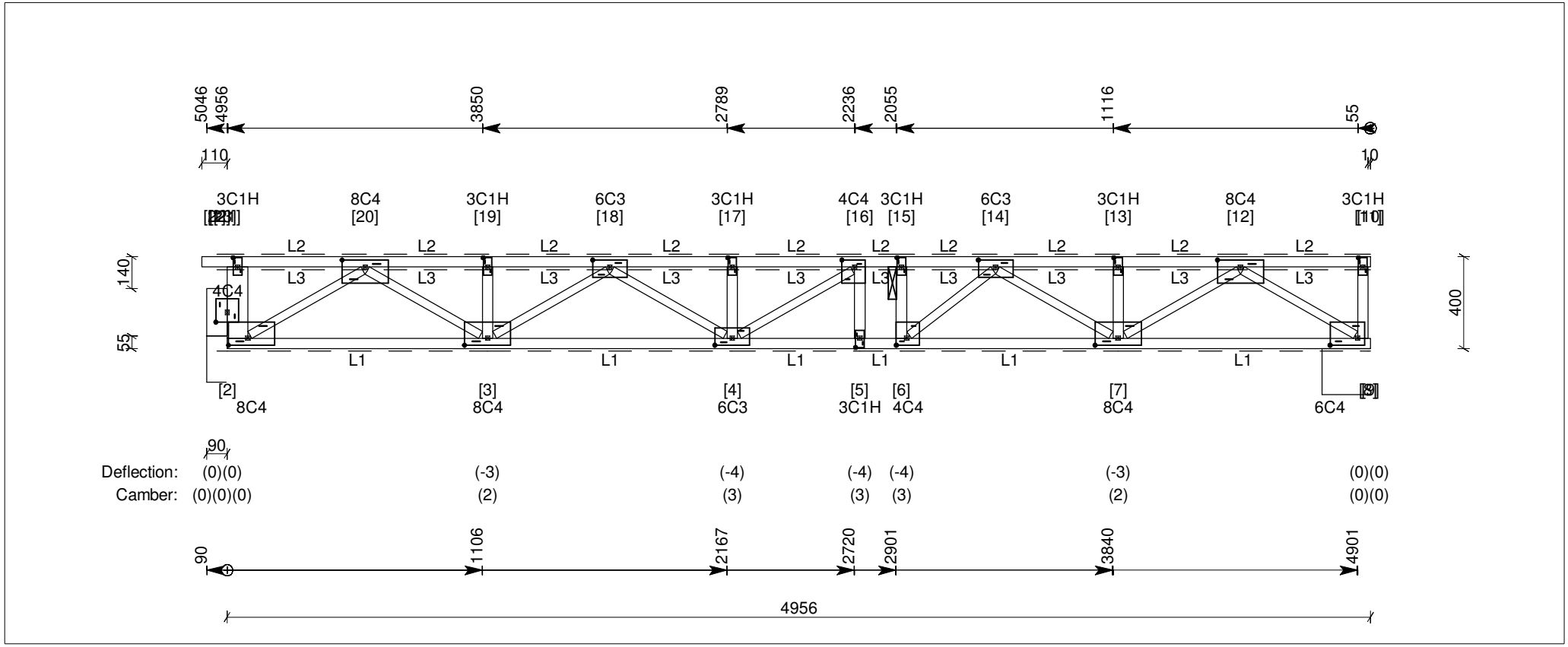
TRUSS DETAILS (DESIGN)

Job Ref: 16-1021

Truss Reference : FT34 (Single Floor Truss)

Truss type: Standard Floor **No. plies:** 1x90mm **Design spacing:** 600mm **No. of :** 1 **Building type:** Residential (Importance level 2) **Imposed floor loading:** 1.5 kPa, 1.8 kN **Floor performance criteria:** Normal
Structural Category: 1



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: Normal (carpet, etc) (3.0 kg/sq.m).

Timber

Top Chords	1 / 45x90 MGP12 uno
Bottom Chords	1 / 45x90 MGP12 uno
Webs	1 / 35x90 MGP10 uno
WB1 (1-22)	1 / 45x90 MGP10
WB2 (2-21)	1 / 90x90 MGP10
WB5 (3-19)	1 / 45x90 MGP10
WB8 (4-17)	1 / 45x90 MGP10
WB10 (5-16)	1 / 45x90 MGP10
WB11 (6-15)	1 / 45x90 MGP10
WB14 (7-13)	1 / 45x90 MGP10
WB17 (8-11)	1 / 45x90 MGP10

Notes
1. Deflection = permanent load deflection including creep (negative = downward movement).
2. Refer to "Guide to Installation - Pryda floor truss and rafter truss systems."
3. Floor dynamic performance is assessed on the basis of rigid supports (eg: walls) and using a minimum 140x35MGP10 strongback located near mid-span.

Major supports and factored reactions

Joint	Type	Width	Perm.	Max. down (LC)	Uplift	Tie-down	Connector
8	Steel/Conc Int	209	1.5 kN	4.7 kN (Gc+Q2f)	No uplift	-	-
23	Steel/Conc Int	86	1.5 kN	4.7 kN (Gc+Q2f)	No uplift	-	-

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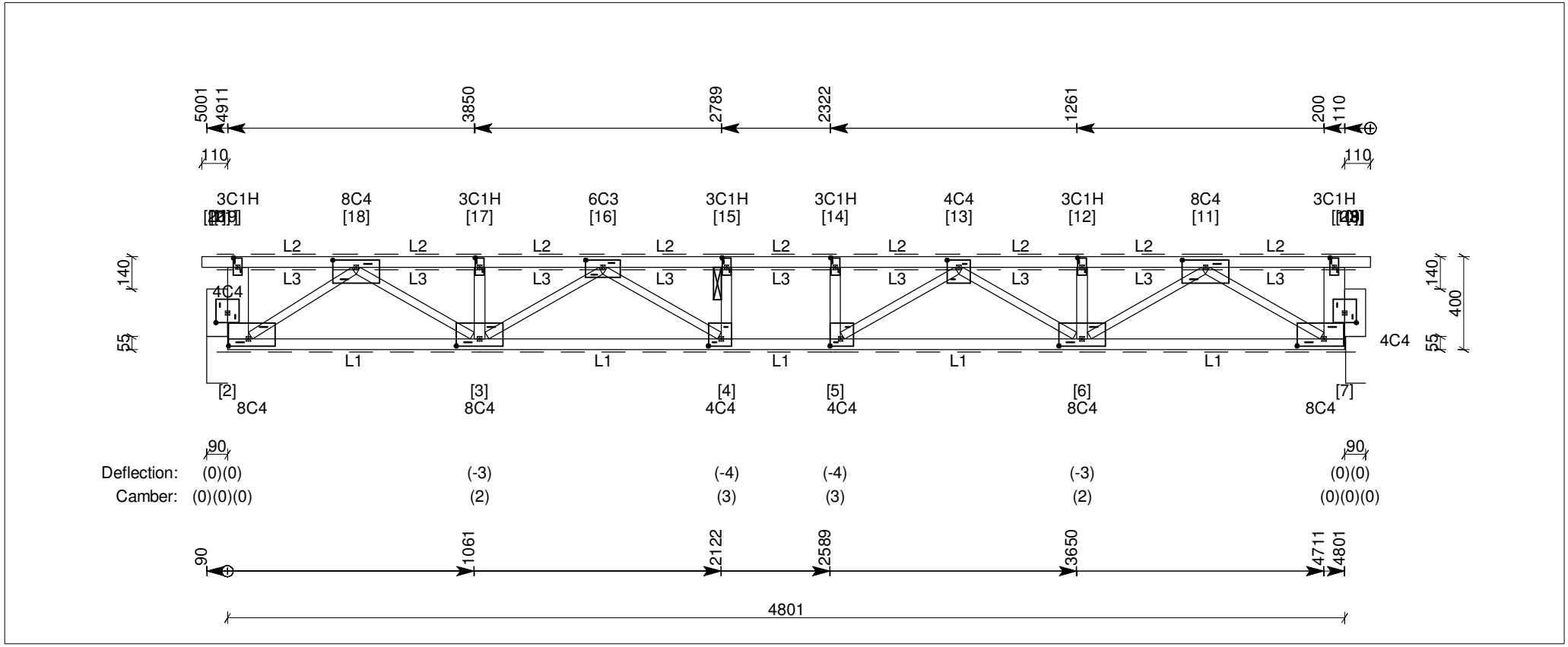
TRUSS DETAILS (DESIGN)

Job Ref: 16-1021

Truss Reference : FT13 (Single Floor Truss)

Truss type: Standard Floor **No. plies:** 1x90mm **Design spacing:** 600mm **No. of :** 1 **Building type:** Residential (Importance level 2) **Imposed floor loading:** 1.5 kPa, 1.8 kN **Floor performance criteria:** Normal
Structural Category: 1



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: Normal (carpet, etc) (3.0 kg/sq.m).

Timber

Top Chords	1 / 45x90 MGP12 uno
Bottom Chords	1 / 45x90 MGP12 uno
Webs	1 / 35x90 MGP10 uno
WB1 (1-20)	1 / 45x90 MGP10
WB2 (2-19)	1 / 90x90 MGP10
WB5 (3-17)	1 / 45x90 MGP10
WB8 (4-15)	1 / 45x90 MGP10
WB9 (5-14)	1 / 45x90 MGP10
WB12 (6-12)	1 / 45x90 MGP10
WB15 (7-10)	1 / 90x90 MGP10
WB16 (8-9)	1 / 45x90 MGP10

Notes
1. Deflection = permanent load deflection including creep (negative = downward movement).
2. Refer to "Guide to Installation - Pryda floor truss and rafter truss systems."
3. Floor dynamic performance is assessed on the basis of rigid supports (eg: walls) and using a minimum 140x35MGP10 strongback located near mid-span.

Major supports and factored reactions

Joint	Type	Width	Perm.	Max. down (LC)	Uplift	Tie-down	Connector
21	Steel/Conc Int	90	1.4 kN	4.6 kN (Gc+Q2f)	No uplift	-	-
23	Steel/Conc Int	86	1.4 kN	4.6 kN (Gc+Q2f)	No uplift	-	-

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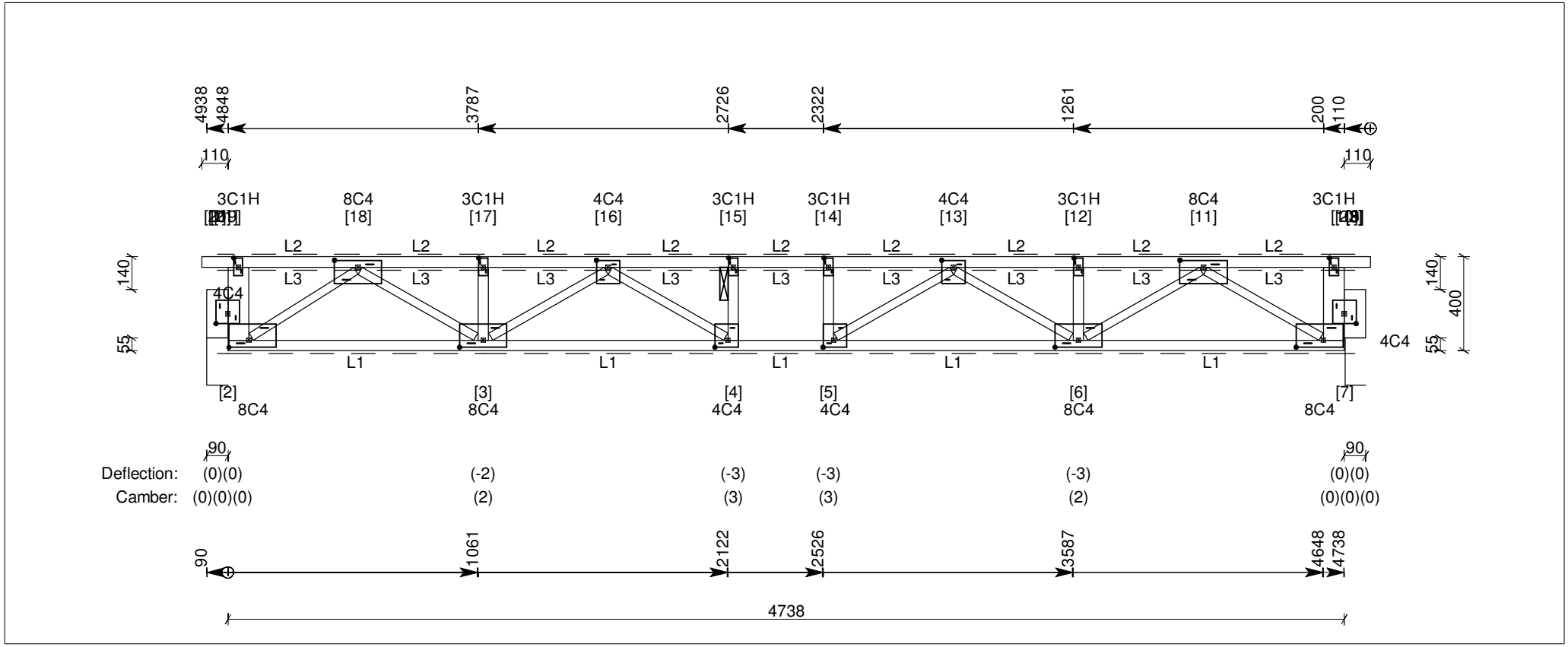
TRUSS DETAILS (DESIGN)

Job Ref: 16-1021

Truss Reference : FT12 (Single Floor Truss)

Truss type: Standard Floor **No. plies:** 1x90mm **Design spacing:** 600mm **No. of :** 1 **Building type:** Residential (Importance level 2) **Imposed floor loading:** 1.5 kPa, 1.8 kN **Floor performance criteria:** Normal
Structural Category: 1



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: Normal (carpet, etc) (3.0 kg/sq.m).

Timber

Top Chords	1 / 45x90 MGP12 uno
Bottom Chords	1 / 45x90 MGP12 uno
Webs	1 / 35x90 MGP10 uno
WB1 (1-20)	1 / 45x90 MGP10
WB2 (2-19)	1 / 90x90 MGP10
WB5 (3-17)	1 / 45x90 MGP10
WB8 (4-15)	1 / 45x90 MGP10
WB9 (5-14)	1 / 45x90 MGP10
WB12 (6-12)	1 / 45x90 MGP10
WB15 (7-10)	1 / 90x90 MGP10
WB16 (8-9)	1 / 45x90 MGP10

Notes
1. Deflection = permanent load deflection including creep (negative = downward movement).
2. Refer to "Guide to Installation - Pryda floor truss and rafter truss systems."
3. Floor dynamic performance is assessed on the basis of rigid supports (eg: walls) and using a minimum 140x35MGP10 strongback located near mid-span.

Major supports and factored reactions

Joint	Type	Width	Perm.	Max. down (LC)	Uplift	Tie-down	Connector
21	Steel/Conc Int	90	1.4 kN	4.5 kN (Gc+Q2f)	No uplift	-	-
23	Steel/Conc Int	86	1.4 kN	4.5 kN (Gc+Q2f)	No uplift	-	-

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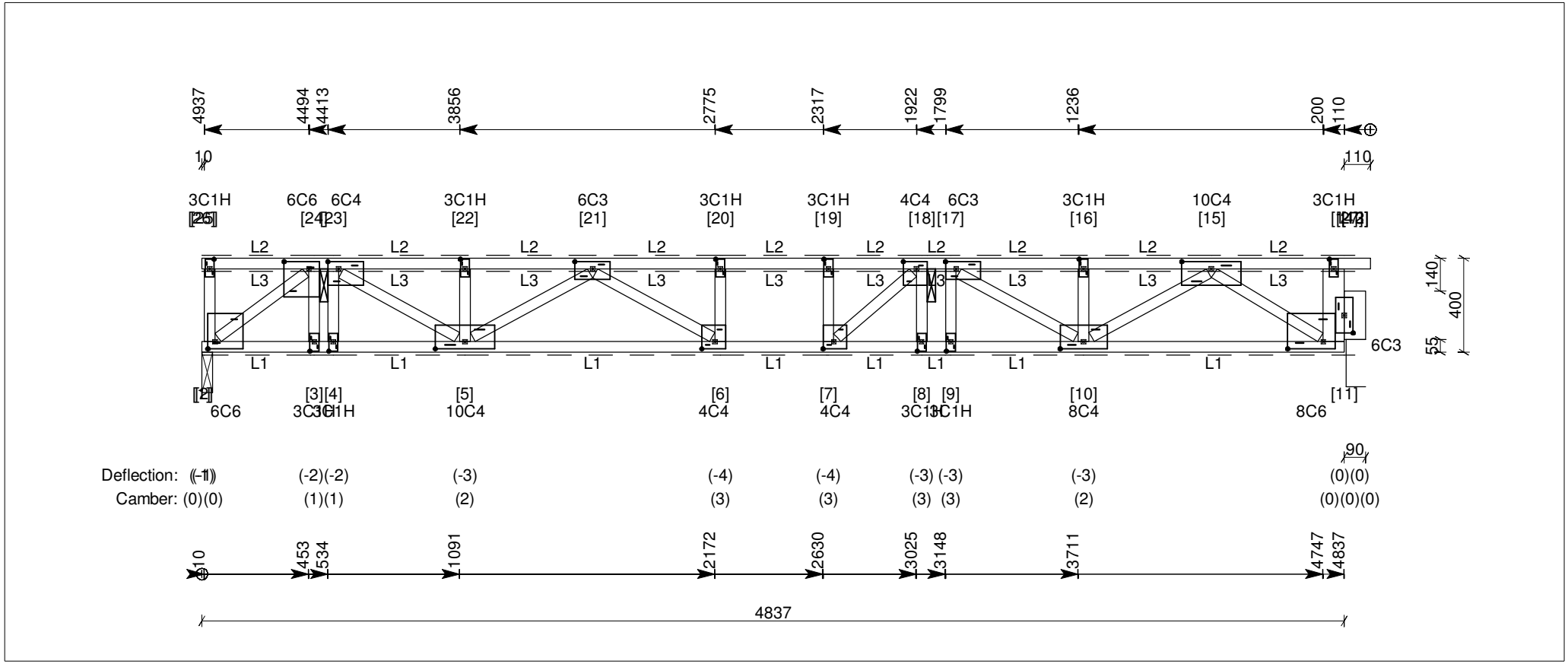
TRUSS DETAILS (DESIGN)

Job Ref: 16-1021

Truss Reference : FT60 (Single Floor Truss)

Truss type: Standard Floor **No. plies:** 1x90mm **Design spacing:** 600mm **No. of :** 8 **Building type:** Residential (Importance level 2) **Imposed floor loading:** 1.5 kPa, 1.8 kN **Floor performance criteria:** Normal
Structural Category: 1



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: Normal (carpet, etc) (3.0 kg/sq.m).

Imposed Floor Loading Exceptions

Panels	Loads
	3.0 kPa, 2.7 kN

Timber

Top Chords	1 / 45x90 MGP12 uno
Bottom Chords	1 / 45x90 MGP12 uno
Webs	1 / 45x90 MGP12 uno
WB18 (11-14)	1 / 90x90 MGP10

Notes
1. Deflection = permanent load deflection including creep (negative = downward movement).
2. Refer to "Guide to Installation - Pryda floor truss and rafter truss systems."
3. Floor dynamic performance is assessed on the basis of rigid supports (eg: walls) and using a minimum 140x35MGP10 strongback located near mid-span.

Major supports and factored reactions

Joint	Type	Width	Perm.	Max. down (LC)	Uplift	Tie-down	Connector
2	Beam Int	45	1.5 kN	7.9 kN (Gc+Q2f)	No uplift	-	-
27	Steel/Conc Int	82	1.4 kN	7.9 kN (Gc+Q2f)	No uplift	-	-

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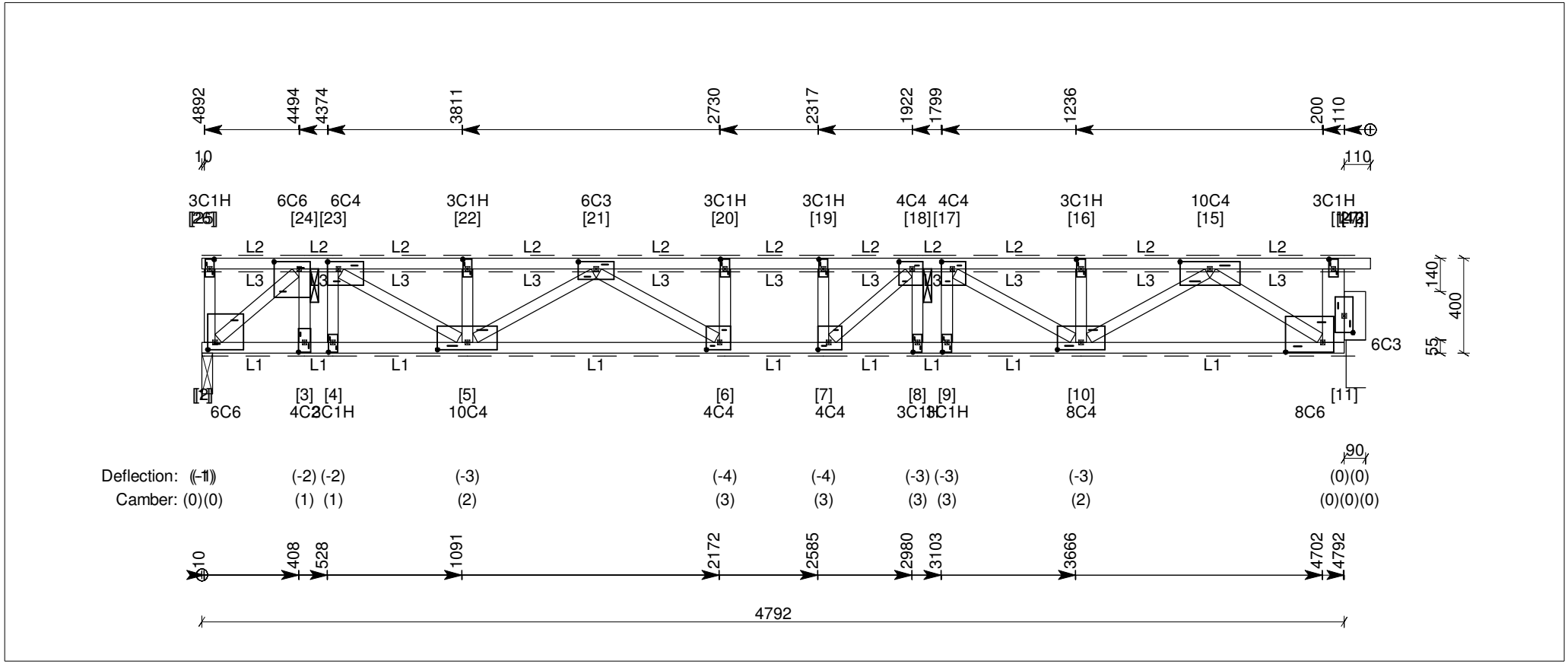
TRUSS DETAILS (DESIGN)

Job Ref: 16-1021

Truss Reference : FT75 (Single Floor Truss)

Truss type: Standard Floor **No. plies:** 1x90mm **Design spacing:** 600mm **No. of :** 4 **Building type:** Residential (Importance level 2) **Imposed floor loading:** 1.5 kPa, 1.8 kN **Floor performance criteria:** Normal
Structural Category: 1



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: Normal (carpet, etc) (3.0 kg/sq.m).

Imposed Floor Loading Exceptions

Panels	Loads
	3.0 kPa, 2.7 kN

Timber

Top Chords	1 / 45x90 MGP12 uno
Bottom Chords	1 / 45x90 MGP12 uno
Webs	1 / 45x90 MGP12 uno
WB18 (11-14)	1 / 90x90 MGP10

Notes

1. Deflection = permanent load deflection including creep (negative = downward movement).
2. Refer to "Guide to Installation - Pryda floor truss and rafter truss systems."
3. Floor dynamic performance is assessed on the basis of rigid supports (eg: walls) and using a minimum 140x35MGP10 strongback located near mid-span.

Major supports and factored reactions

Joint	Type	Width	Perm.	Max. down (LC)	Uplift	Tie-down	Connector
2	Beam Int	45	1.4 kN	7.9 kN (Gc+Q2f)	No uplift	-	-
27	Steel/Conc Int	82	1.4 kN	7.8 kN (Gc+Q2f)	No uplift	-	-

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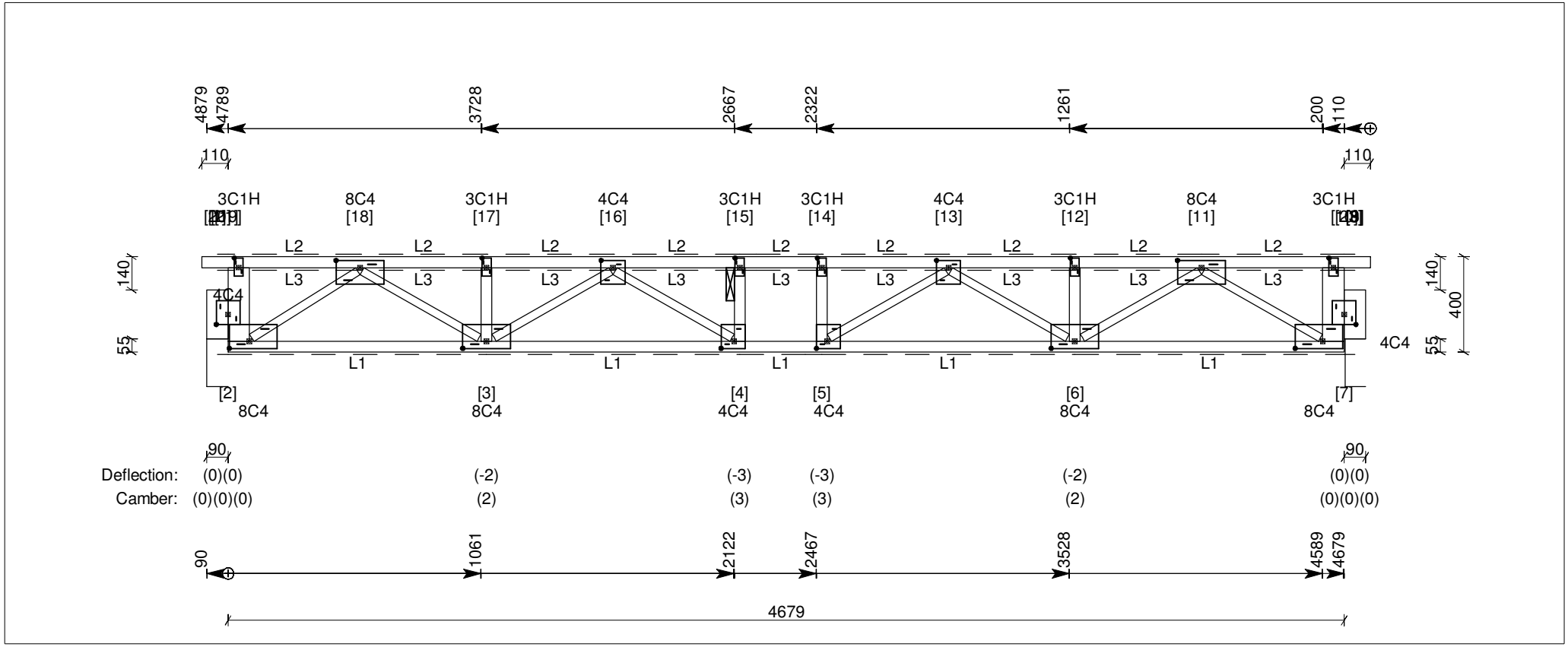
TRUSS DETAILS (DESIGN)

Job Ref: 16-1021

Truss Reference : FT11 (Single Floor Truss)

Truss type: Standard Floor **No. plies:** 1x90mm **Design spacing:** 600mm **No. of :** 1 **Building type:** Residential (Importance level 2) **Imposed floor loading:** 1.5 kPa, 1.8 kN **Floor performance criteria:** Normal
Structural Category: 1



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: Normal (carpet, etc) (3.0 kg/sq.m).

Timber

Top Chords	1 / 45x90 MGP12 uno
Bottom Chords	1 / 45x90 MGP12 uno
Webs	1 / 35x90 MGP10 uno
WB1 (1-20)	1 / 45x90 MGP10
WB2 (2-19)	1 / 90x90 MGP10
WB5 (3-17)	1 / 45x90 MGP10
WB8 (4-15)	1 / 45x90 MGP10
WB9 (5-14)	1 / 45x90 MGP10
WB12 (6-12)	1 / 45x90 MGP10
WB15 (7-10)	1 / 90x90 MGP10
WB16 (8-9)	1 / 45x90 MGP10

Notes
1. Deflection = permanent load deflection including creep (negative = downward movement).
2. Refer to "Guide to Installation - Pryda floor truss and rafter truss systems."
3. Floor dynamic performance is assessed on the basis of rigid supports (eg: walls) and using a minimum 140x35MGP10 strongback located near mid-span.

Major supports and factored reactions

Joint	Type	Width	Perm.	Max. down (LC)	Uplift	Tie-down	Connector
21	Steel/Conc Int	90	1.4 kN	4.5 kN (Gc+Q2f)	No uplift	-	-
23	Steel/Conc Int	86	1.4 kN	4.5 kN (Gc+Q2f)	No uplift	-	-

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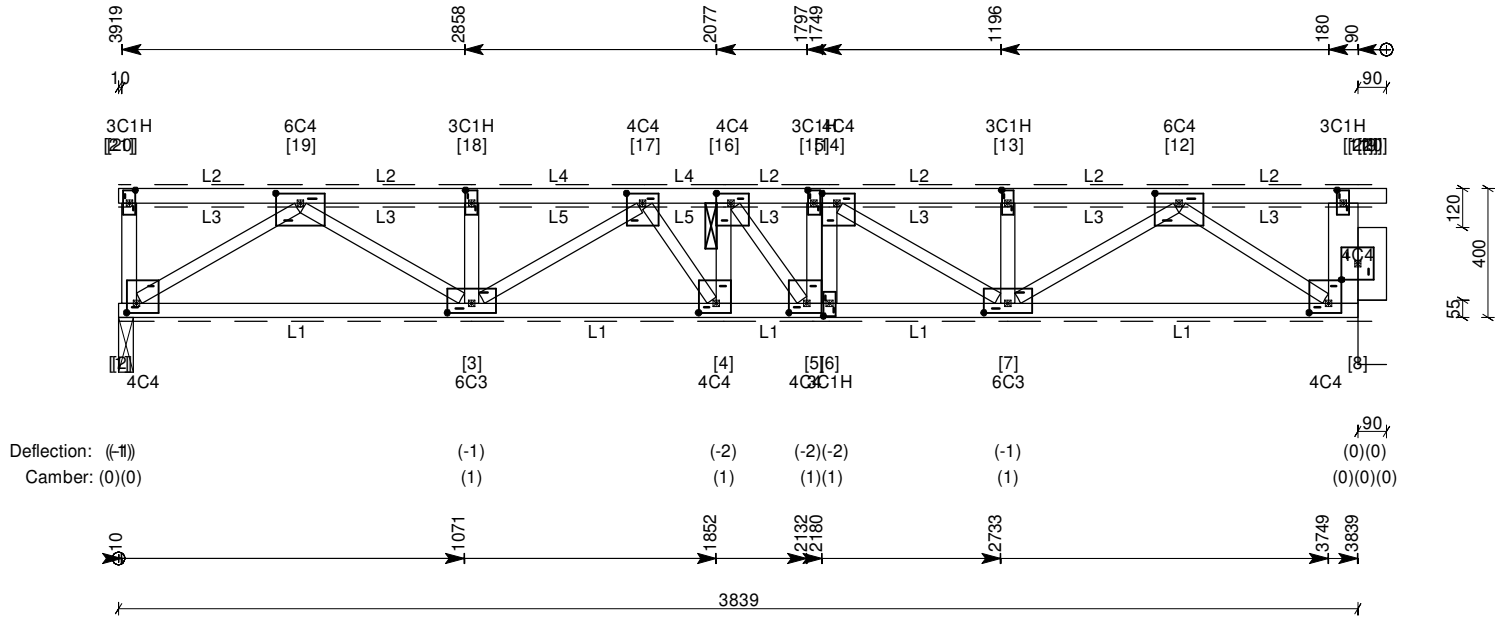
TRUSS DETAILS (DESIGN)

Job Ref: 16-1021

Truss Reference : FT3 (Single Floor Truss)

Truss type: Standard Floor **No. plies:** 1x90mm **Design spacing:** 450mm **No. of :** 2 **Building type:** Residential (Importance level 2) **Imposed floor loading:** 1.5 kPa, 1.8 kN **Floor performance criteria:** Normal
Structural Category: 1



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: Normal (carpet, etc) (3.0 kg/sq.m).
L4: 18mm fibrecement sheet (wet areas) (34.0 kg/sq.m).
Direct (nail/screw restraint) @ 450mm.
L5: Ceramic tiles on 40mm mortar bed (60.0 kg/sq.m).

Timber

Top Chords	1 / 45x90 MGP12 uno
Bottom Chords	1 / 45x90 MGP12 uno
Webs	1 / 35x90 MGP10 uno
WB1 (2-20)	1 / 45x90 MGP10
WB4 (3-18)	1 / 45x90 MGP10
WB7 (4-16)	1 / 45x90 MGP10
WB9 (5-15)	1 / 45x90 MGP10
WB10 (6-14)	1 / 45x90 MGP10
WB12 (7-13)	1 / 45x90 MGP10
WB15 (8-11)	1 / 90x90 MGP10
WB16 (9-10)	1 / 45x90 MGP10

Notes
1. Deflection = permanent load deflection including creep (negative = downward movement).
2. Refer to "Guide to Installation - Pryda floor truss and rafter truss systems."
3. Floor dynamic performance is assessed on the basis of rigid supports (eg: walls) and using a minimum 140x35MGP10 strongback located near mid-span.

Major supports and factored reactions

Joint	Type	Width	Perm.	Max. down (LC)	Uplift	Tie-down	Connector
2	Beam Int	45	1.0 kN	2.9 kN (Gc+Q2f)	No uplift	-	-
22	Steel/Conc Int	90	1.0 kN	2.8 kN (Gc+Q2f)	No uplift	-	-

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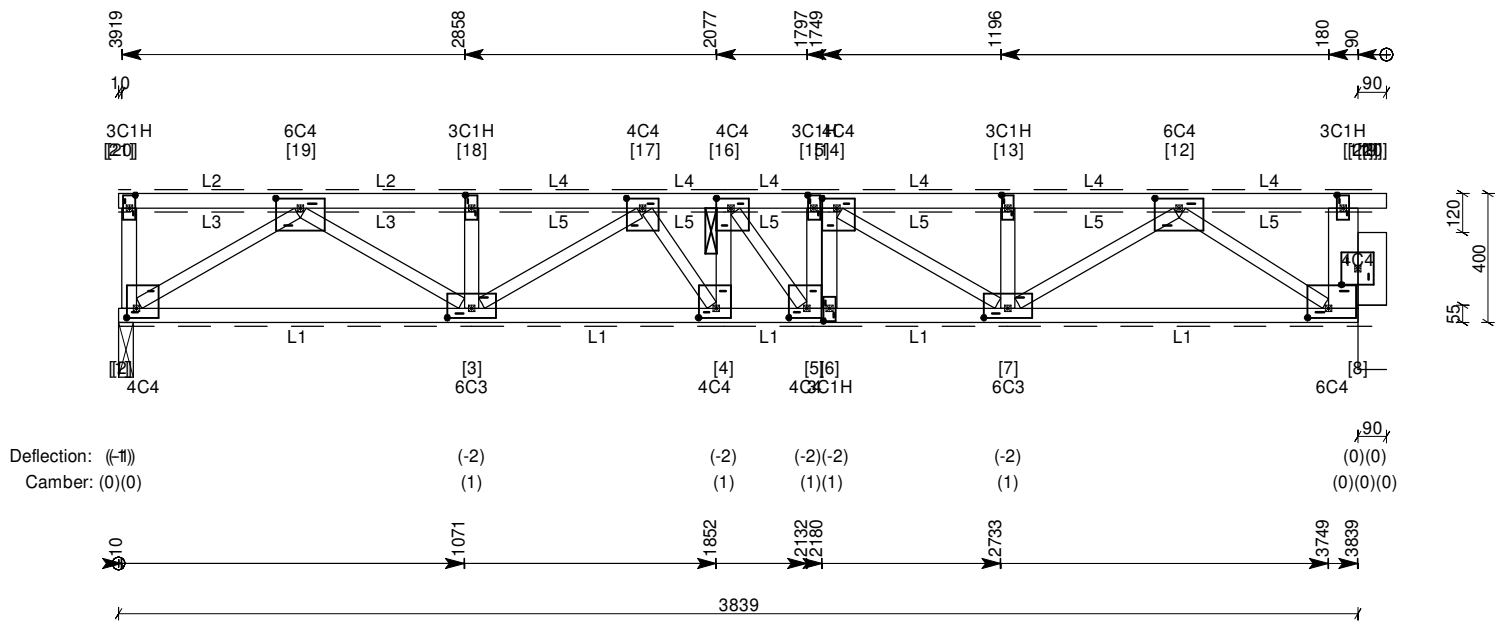
TRUSS DETAILS (DESIGN)

Job Ref: 16-1021

Truss Reference : FT4 (Single Floor Truss)

Truss type: Standard Floor **No. plies:** 1x90mm **Design spacing:** 450mm **No. of :** 1 **Building type:** Residential (Importance level 2) **Imposed floor loading:** 1.5 kPa, 1.8 kN **Floor performance criteria:** Normal
Structural Category: 1



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: Normal (carpet, etc) (3.0 kg/sq.m).
L4: 18mm fibrecement sheet (wet areas) (34.0 kg/sq.m).
Direct (nail/screw restraint) @ 450mm.
L5: Ceramic tiles on 40mm mortar bed (60.0 kg/sq.m).

Timber

Top Chords	1 / 45x90 MGP12 uno
Bottom Chords	1 / 45x90 MGP12 uno
Webs	1 / 35x90 MGP10 uno
WB1 (2-20)	1 / 45x90 MGP10
WB4 (3-18)	1 / 45x90 MGP10
WB7 (4-16)	1 / 45x90 MGP10
WB9 (5-15)	1 / 45x90 MGP10
WB10 (6-14)	1 / 45x90 MGP10
WB12 (7-13)	1 / 45x90 MGP10
WB15 (8-11)	1 / 90x90 MGP10
WB16 (9-10)	1 / 45x90 MGP10

Notes
1. Deflection = permanent load deflection including creep (negative = downward movement).
2. Refer to "Guide to Installation - Pryda floor truss and rafter truss systems."
3. Floor dynamic performance is assessed on the basis of rigid supports (eg: walls) and using a minimum 140x35MGP10 strongback located near mid-span.

Major supports and factored reactions

Joint	Type	Width	Perm.	Max. down (LC)	Uplift	Tie-down	Connector
2	Beam Int	45	1.2 kN	3.0 kN (Gc+Q2f)	No uplift	-	-
22	Steel/Conc Int	90	1.3 kN	3.1 kN (Gc+Q2f)	No uplift	-	-

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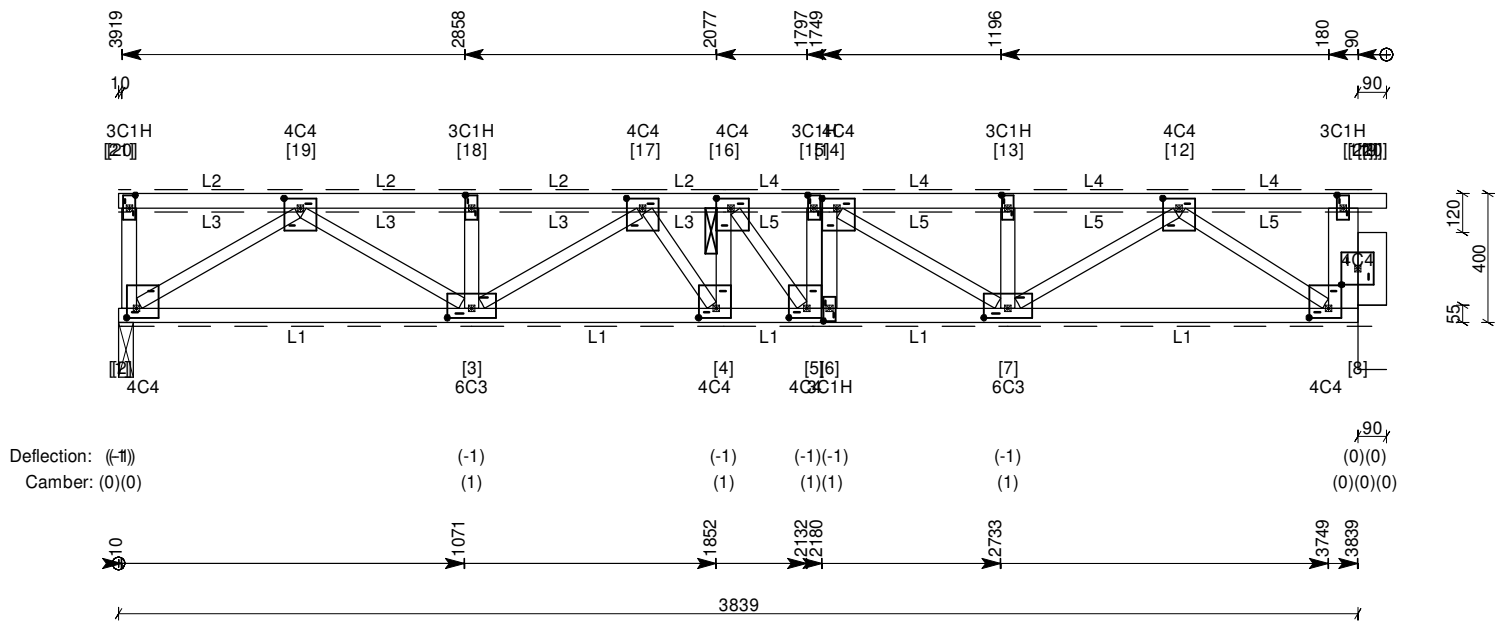
TRUSS DETAILS (DESIGN)

Job Ref: 16-1021

Truss Reference : FT5 (Double Floor Truss)

Truss type: Standard Floor **No. plies:** 2x90mm **Design spacing:** 450mm **No. of :** 1 **Building type:** Residential (Importance level 2) **Imposed floor loading:** 1.5 kPa, 1.8 kN **Floor performance criteria:** Normal
Structural Category: 1



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: Normal (carpet, etc) (3.0 kg/sq.m).
L4: 18mm fibrecement sheet (wet areas) (34.0 kg/sq.m).
Direct (nail/screw restraint) @ 450mm.
L5: Ceramic tiles on 40mm mortar bed (60.0 kg/sq.m).

Timber

Top Chords	2 / 45x90 MGP12 uno
Bottom Chords	2 / 45x90 MGP12 uno
Webs	2 / 35x90 MGP10 uno
WB1 (2-20)	2 / 45x90 MGP10
WB4 (3-18)	2 / 45x90 MGP10
WB7 (4-16)	2 / 45x90 MGP10
WB9 (5-15)	2 / 45x90 MGP10
WB10 (6-14)	2 / 45x90 MGP10
WB12 (7-13)	2 / 45x90 MGP10
WB15 (8-11)	2 / 90x90 MGP10
WB16 (9-10)	2 / 45x90 MGP10

Notes

1. Deflection = permanent load deflection including creep (negative = downward movement).
2. Refer to "Guide to Installation - Pryda floor truss and rafter truss systems."
3. Floor dynamic performance is assessed on the basis of rigid supports (eg: walls) and using a minimum 140x35MGP10 strongback located near mid-span.

Major supports and factored reactions

Joint	Type	Width	Perm.	Max. down (LC)	Uplift	Tie-down	Connector
2	Beam Int	45	1.2 kN	3.1 kN (Gc+Q2f)	No uplift	-	-
22	Steel/Conc Int	90	1.4 kN	3.2 kN (Gc+Q2f)	No uplift	-	-

Fixings

Double Floor Truss - Fix trusses together as shown in the Pryda Guide to Installation (Floor Truss and Rafter Truss systems).

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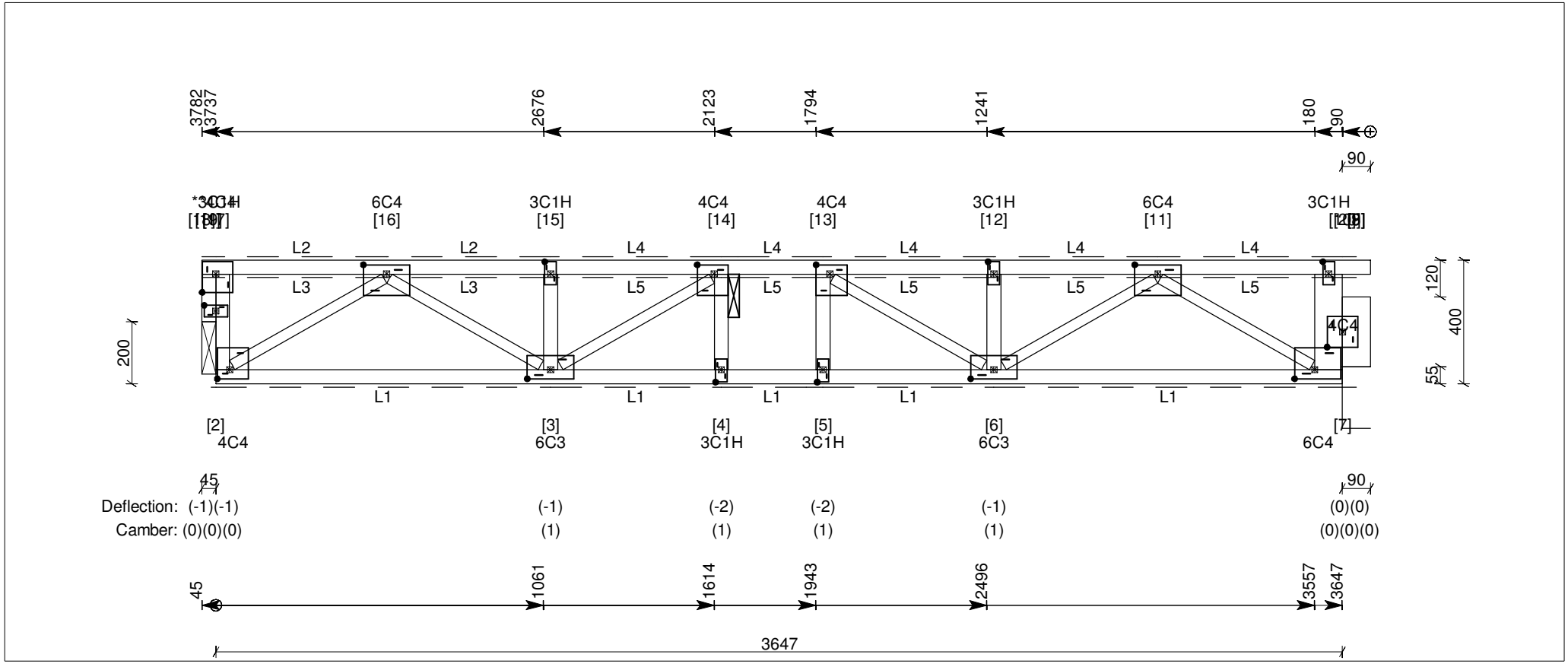
TRUSS DETAILS (DESIGN)

Job Ref: 16-1021

Truss Reference : FT6 (Single Floor Truss)

Truss type: Standard Floor **No. plies:** 1x90mm **Design spacing:** 450mm **No. of :** 1 **Building type:** Residential (Importance level 2) **Imposed floor loading:** 1.5 kPa, 1.8 kN **Floor performance criteria:** Normal
Structural Category: 1



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: Normal (carpet, etc) (3.0 kg/sq.m).
L4: 18mm fibrecement sheet (wet areas) (34.0 kg/sq.m).
Direct (nail/screw restraint) @ 450mm.
L5: Ceramic tiles on 40mm mortar bed (60.0 kg/sq.m).

Timber

Top Chords	1 / 45x90 MGP12 uno
Bottom Chords	1 / 45x90 MGP12 uno
Webs	1 / 45x90 MGP10 uno
WB3 (2-16)	1 / 35x90 MGP10
WB4 (3-16)	1 / 35x90 MGP10
WB6 (3-14)	1 / 35x90 MGP10
WB9 (6-13)	1 / 35x90 MGP10
WB11 (6-11)	1 / 35x90 MGP10
WB12 (7-11)	1 / 35x90 MGP10
WB13 (7-10)	1 / 90x90 MGP10

Notes

1. Deflection = permanent load deflection including creep (negative = downward movement).
2. Refer to "Guide to Installation - Pryda floor truss and rafter truss systems."
3. Floor dynamic performance is assessed on the basis of rigid supports (eg: walls) and using a minimum 140x35MGP10 strongback located near mid-span.

Major supports and factored reactions

Joint	Type	Width	Perm.	Max. down (LC)	Uplift	Tie-down	Connector
19	Beam Int	45	1.1 kN	2.9 kN (Gc+Q2f)	No uplift	-	-
20	Steel/Conc Int	90	1.2 kN	3.0 kN (Gc+Qj)	No uplift	-	-

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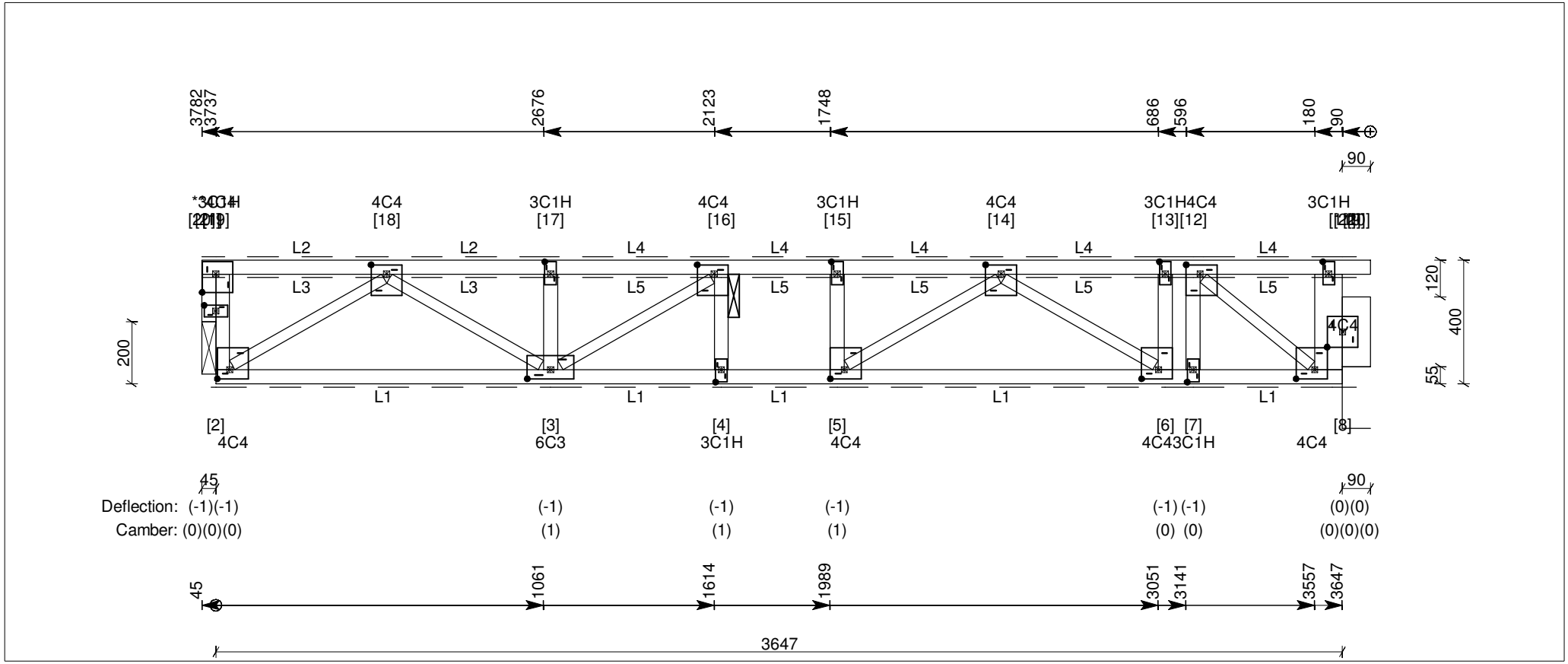
TRUSS DETAILS (DESIGN)

Job Ref: 16-1021

Truss Reference : FT7 (Double Floor Truss)

Truss type: Standard Floor **No. plies:** 2x90mm **Design spacing:** 450mm **No. of :** 1 **Building type:** Residential (Importance level 2) **Imposed floor loading:** 1.5 kPa, 1.8 kN **Floor performance criteria:** Normal
Structural Category: 1



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: Normal (carpet, etc) (3.0 kg/sq.m).
L4: 18mm fibrecement sheet (wet areas) (34.0 kg/sq.m).
Direct (nail/screw restraint) @ 450mm.
L5: Ceramic tiles on 40mm mortar bed (60.0 kg/sq.m).

Timber

Top Chords	2 / 45x90 MGP12 uno
Bottom Chords	2 / 45x90 MGP12 uno
Webs	2 / 45x90 MGP10 uno
WB3 (2-18)	2 / 35x90 MGP10
WB4 (3-18)	2 / 35x90 MGP10
WB6 (3-16)	2 / 35x90 MGP10
WB9 (5-14)	2 / 35x90 MGP10
WB10 (6-14)	2 / 35x90 MGP10
WB13 (8-12)	2 / 35x90 MGP10
WB14 (8-11)	2 / 90x90 MGP10

Notes

1. Deflection = permanent load deflection including creep (negative = downward movement).
2. Refer to "Guide to Installation - Pryda floor truss and rafter truss systems."
3. Floor dynamic performance is assessed on the basis of rigid supports (eg: walls) and using a minimum 140x35MGP10 strongback located near mid-span.

Major supports and factored reactions

Joint	Type	Width	Perm.	Max. down (LC)	Uplift	Tie-down	Connector
21	Beam Int	45	1.2 kN	3.0 kN (Gc+Q2f)	No uplift	-	-
22	Steel/Conc Int	90	1.4 kN	3.2 kN (Gc+Qj)	No uplift	-	-

Fixings

Double Floor Truss - Fix trusses together as shown in the Pryda Guide to Installation (Floor Truss and Rafter Truss systems).

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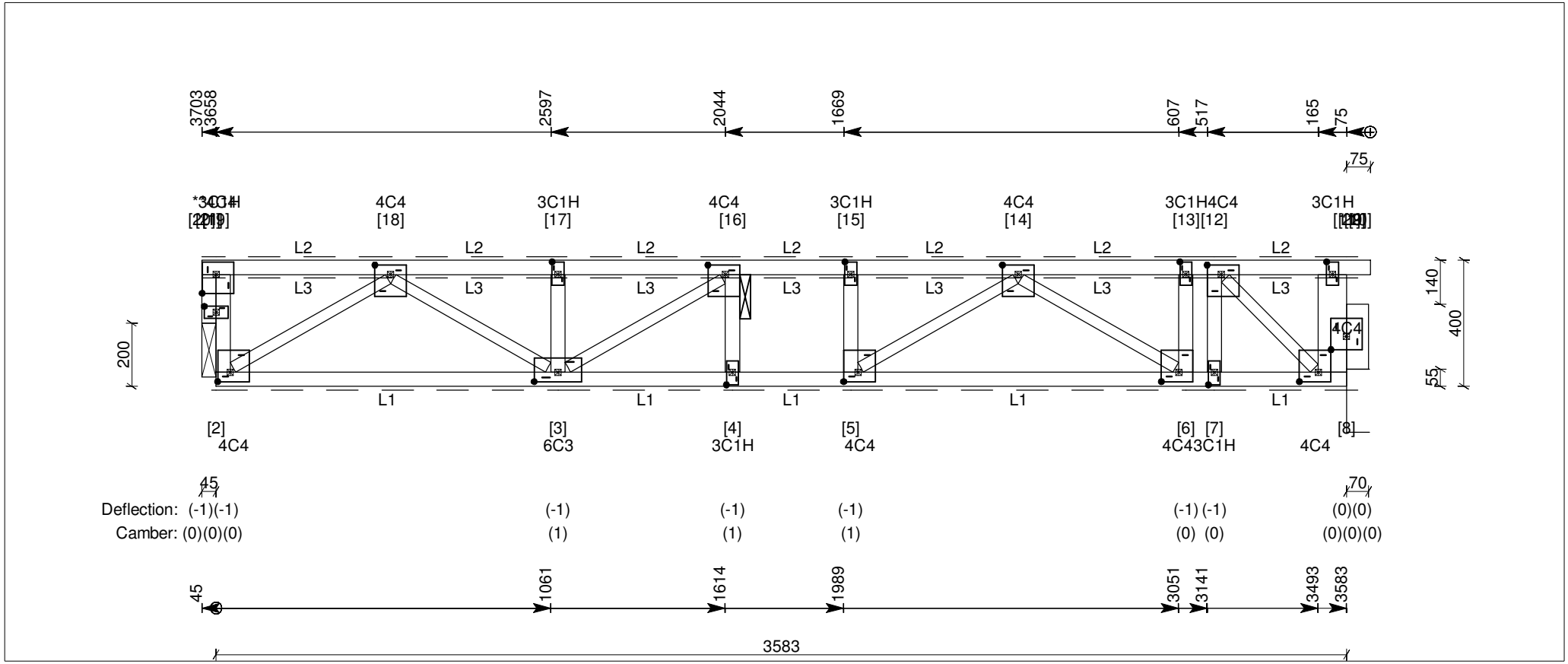
TRUSS DETAILS (DESIGN)

Job Ref: 16-1021

Truss Reference : FT9 (Double Floor Truss)

Truss type: Standard Floor **No. plies:** 2x90mm **Design spacing:** 600mm **No. of :** 1 **Building type:** Residential (Importance level 2) **Imposed floor loading:** 1.5 kPa, 1.8 kN **Floor performance criteria:** Normal
Structural Category: 1



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: Normal (carpet, etc) (3.0 kg/sq.m).

Timber

Top Chords	2 / 45x90 MGP12 uno
Bottom Chords	2 / 45x90 MGP12 uno
Webs	2 / 45x90 MGP10 uno
WB3 (2-18)	2 / 35x90 MGP10
WB4 (3-18)	2 / 35x90 MGP10
WB6 (3-16)	2 / 35x90 MGP10
WB9 (5-14)	2 / 35x90 MGP10
WB10 (6-14)	2 / 35x90 MGP10
WB13 (8-12)	2 / 35x90 MGP10
WB14 (8-11)	2 / 90x90 MGP10

Notes
1. Deflection = permanent load deflection including creep (negative = downward movement).
2. Refer to "Guide to Installation - Pryda floor truss and rafter truss systems."
3. Floor dynamic performance is assessed on the basis of rigid supports (eg: walls) and using a minimum 140x35MGP10 strongback located near mid-span.

Major supports and factored reactions

Joint	Type	Width	Perm.	Max. down (LC)	Uplift	Tie-down	Connector
21	Beam Int	45	1.2 kN	3.6 kN (Gc+Q2f)	No uplift	-	-
22	Steel/Conc Int	72	1.2 kN	3.5 kN (Gc+Q2f)	No uplift	-	-

Fixings

Double Floor Truss - Fix trusses together as shown in the Pryda Guide to Installation (Floor Truss and Rafter Truss systems).

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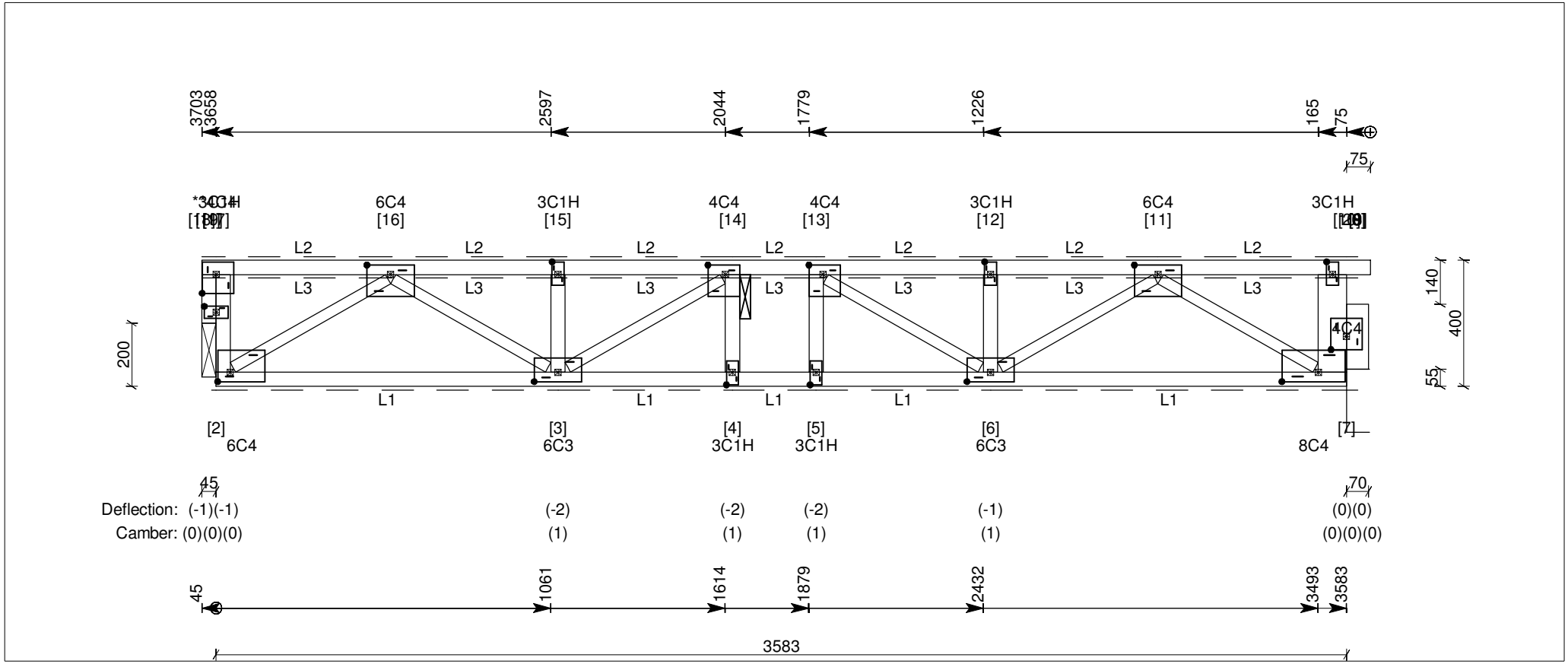
TRUSS DETAILS (DESIGN)

Job Ref: 16-1021

Truss Reference : FT10 (Single Floor Truss)

Truss type: Standard Floor **No. plies:** 1x90mm **Design spacing:** 600mm **No. of :** 5 **Building type:** Residential (Importance level 2) **Imposed floor loading:** 1.5 kPa, 1.8 kN **Floor performance criteria:** Normal
Structural Category: 1



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: Normal (carpet, etc) (3.0 kg/sq.m).

Timber

Top Chords	1 / 45x90 MGP12 uno
Bottom Chords	1 / 45x90 MGP12 uno
Webs	1 / 45x90 MGP10 uno
WB3 (2-16)	1 / 35x90 MGP10
WB4 (3-16)	1 / 35x90 MGP10
WB6 (3-14)	1 / 35x90 MGP10
WB9 (6-13)	1 / 35x90 MGP10
WB11 (6-11)	1 / 35x90 MGP10
WB12 (7-11)	1 / 35x90 MGP10
WB13 (7-10)	1 / 90x90 MGP10

Notes
1. Deflection = permanent load deflection including creep (negative = downward movement).
2. Refer to "Guide to Installation - Pryda floor truss and rafter truss systems."
3. Floor dynamic performance is assessed on the basis of rigid supports (eg: walls) and using a minimum 140x35MGP10 strongback located near mid-span.

Major supports and factored reactions

Joint	Type	Width	Perm.	Max. down (LC)	Uplift	Tie-down	Connector
19	Beam Int	45	1.1 kN	3.5 kN (Gc+Q2f)	No uplift	-	-
20	Steel/Conc Int	72	1.1 kN	3.4 kN (Gc+Q2f)	No uplift	-	-

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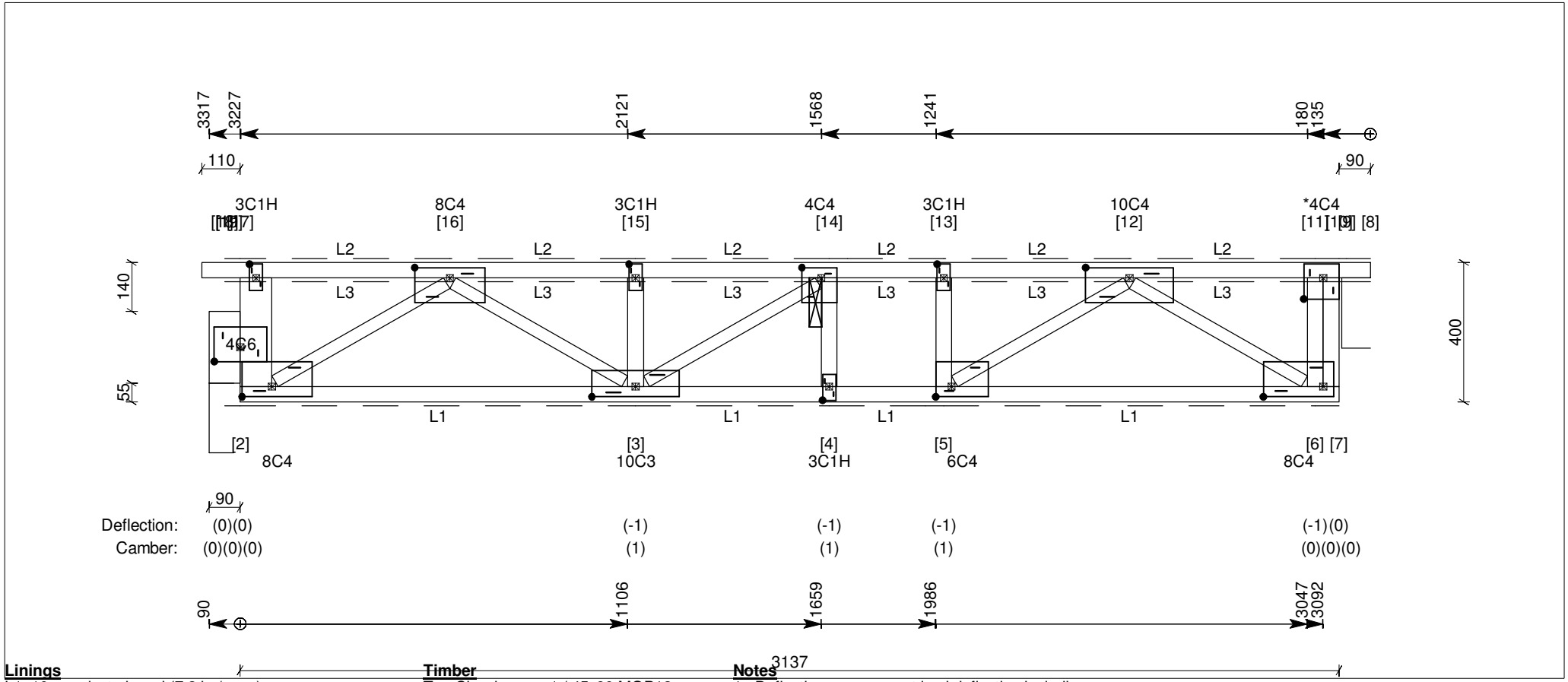
TRUSS DETAILS (DESIGN)

Job Ref: 16-1021

Truss Reference : FT61 (Single Floor Truss)

Truss type: Standard Floor **No. plies:** 1x90mm **Design spacing:** 600mm **No. of :** 22 **Building type:** Residential (Importance level 2) **Imposed Floor loading:** 1.5 kPa, 1.8 kN **Floor performance criteria:** Normal
Structural Category: 1



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: Normal (carpet, etc) (3.0 kg/sq.m).

Imposed Floor Loading Exceptions

Panels	Loads
8 - 16	3.0 kPa, 2.7 kN

Timber

Top Chords	1 / 45x90 MGP12 uno
Bottom Chords	1 / 45x90 MGP12 uno
Webs	1 / 45x90 MGP10 uno
WB2 (2-17)	1 / 90x90 MGP10
WB3 (2-16)	1 / 35x90 MGP10
WB4 (3-16)	1 / 35x90 MGP10
WB6 (3-14)	1 / 35x90 MGP10
WB9 (5-12)	1 / 35x90 MGP10
WB10 (6-12)	1 / 35x90 MGP10

Notes
1. Deflection = permanent load deflection including creep (negative = downward movement).
2. Refer to "Guide to Installation - Pryda floor truss and rafter truss systems."

Major supports and factored reactions

Joint	Type	Width	Perm.	Max. down (LC)	Uplift	Tie-down	Connector
9	Steel/Conc Int	82	1.0 kN	5.4 kN (Gc+Q2f)	No uplift	-	-
19	Steel/Conc Int	72	0.9 kN	5.2 kN (Gc+Q2f)	No uplift	-	-

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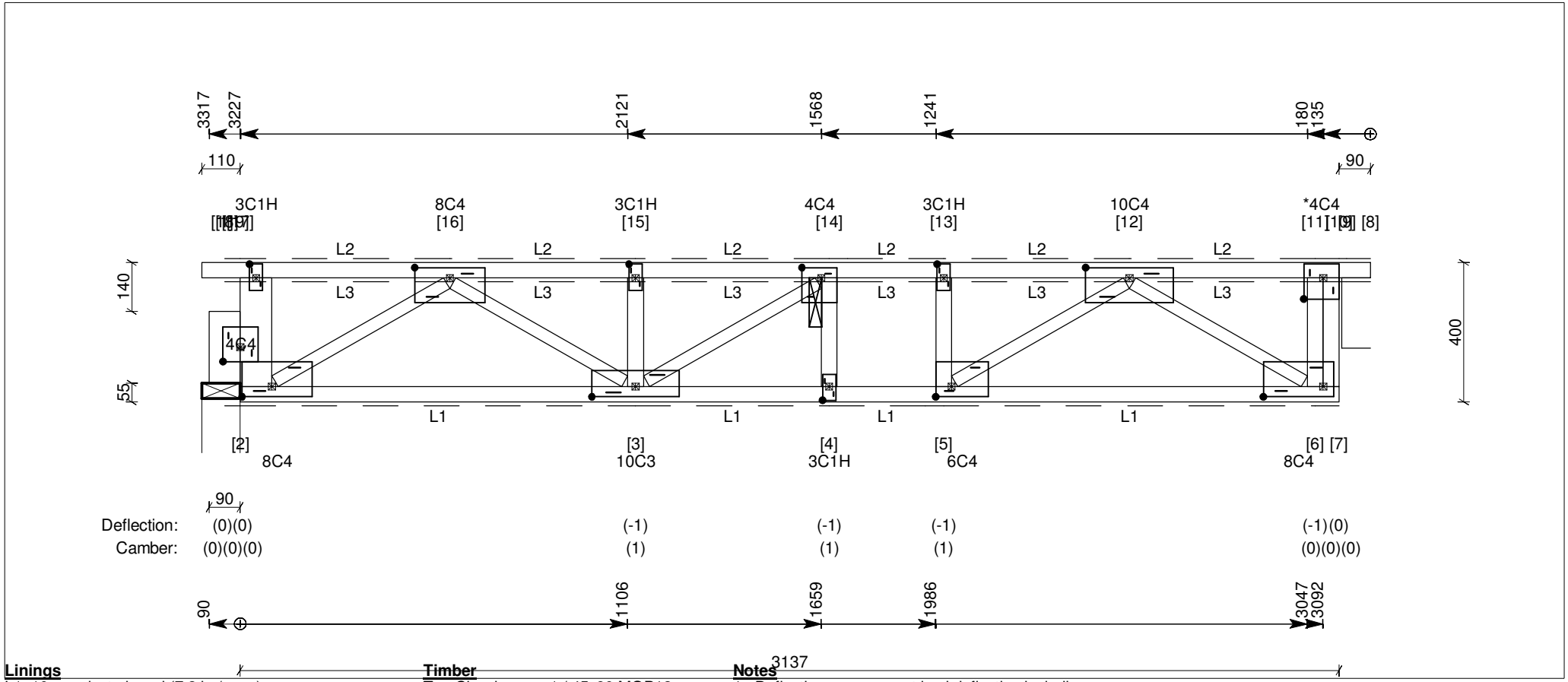
TRUSS DETAILS (DESIGN)

Job Ref: 16-1021

Truss Reference : FT62 (Single Floor Truss)

Truss type: Standard Floor **No. plies:** 1x90mm **Design spacing:** 600mm **No. of :** 1 **Building type:** Residential (Importance level 2) **Imposed Floor loading:** 1.5 kPa, 1.8 kN **Floor performance criteria:** Normal
Structural Category: 1



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: Normal (carpet, etc) (3.0 kg/sq.m).

Imposed Floor Loading Exceptions

Panels	Loads
8 - 16	3.0 kPa, 2.7 kN

Timber

Top Chords	1 / 45x90 MGP12 uno
Bottom Chords	1 / 45x90 MGP12 uno
Webs	1 / 45x90 MGP10 uno
WB2 (2-17)	1 / 90x90 MGP10
WB3 (2-16)	1 / 35x90 MGP10
WB4 (3-16)	1 / 35x90 MGP10
WB6 (3-14)	1 / 35x90 MGP10
WB9 (5-12)	1 / 35x90 MGP10
WB10 (6-12)	1 / 35x90 MGP10

Notes
1. Deflection = permanent load deflection including creep (negative = downward movement).
2. Refer to "Guide to Installation - Pryda floor truss and rafter truss systems."

Major supports and factored reactions

Joint	Type	Width	Perm.	Max. down (LC)	Uplift	Tie-down	Connector
9	Steel/Conc Int	82	1.0 kN	5.4 kN (Gc+Q2f)	No uplift	-	-
19	Wall Int	110	0.9 kN	5.2 kN (Gc+Q2f)	No uplift	-	-

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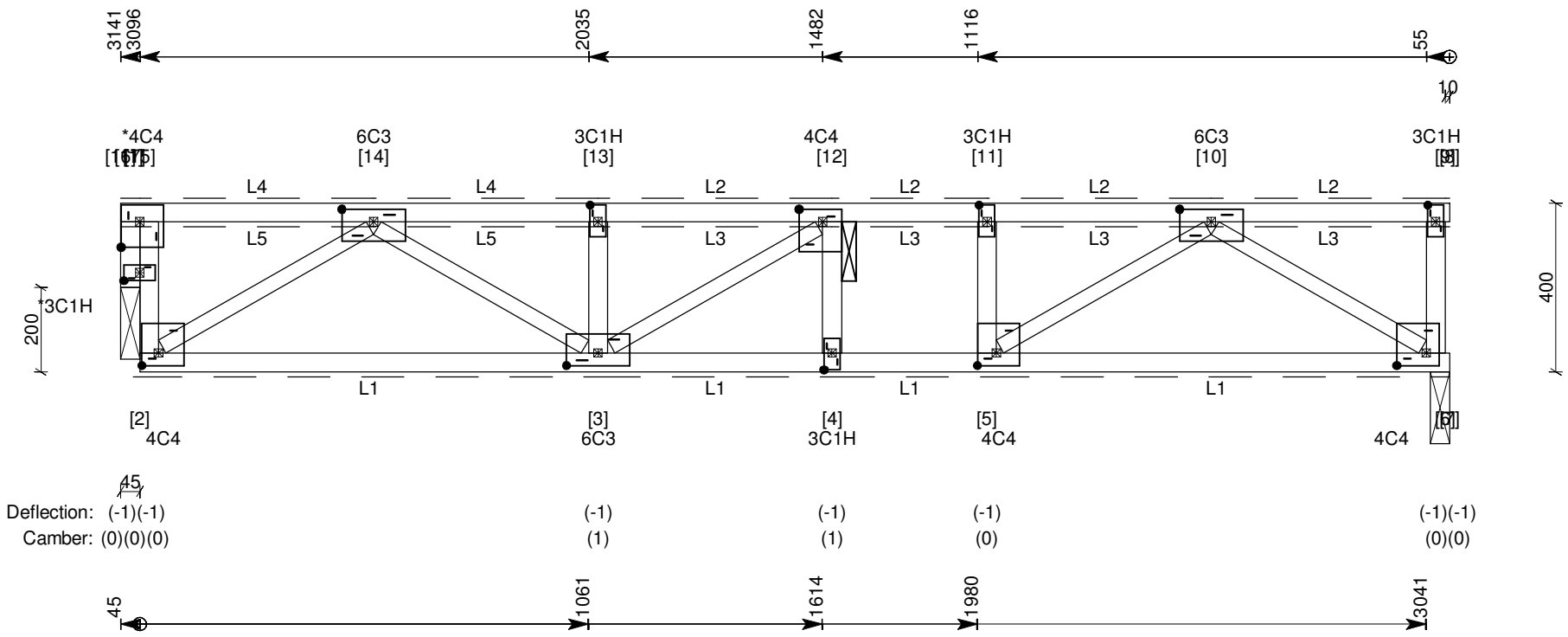
TRUSS DETAILS (DESIGN)

Job Ref: 16-1021

Truss Reference : FT8 (Single Floor Truss)

Truss type: Standard Floor **No. plies:** 1x90mm **Design spacing:** 450mm **No. of :** 1 **Building type:** Residential (Importance level 2) **Imposed floor loading:** 1.5 kPa, 1.8 kN **Floor performance criteria:** Normal
Structural Category: 1



Linings

L1: 10mm plasterboard (7.2 kg/sq.m).
Battens @ 600mm.
L2: 18mm fibrecement sheet (wet areas) (34.0 kg/sq.m).
Direct (nail/screw restraint) @ 450mm.
L3: Ceramic tiles on 40mm mortar bed (60.0 kg/sq.m).
L4: 75mm Hebel SoundFloor (51.0 kg/sq.m).
Direct (nail/screw restraint) @ 600mm.
L5: Normal (carpet, etc) (3.0 kg/sq.m).

Timber

Top Chords	1 / 45x90 MGP12 uno
Bottom Chords	1 / 45x90 MGP12 uno
Webs	1 / 45x90 MGP10 uno
WB3 (2-14)	1 / 35x90 MGP10
WB4 (3-14)	1 / 35x90 MGP10
WB6 (3-12)	1 / 35x90 MGP10
WB9 (5-10)	1 / 35x90 MGP10
WB10 (6-10)	1 / 35x90 MGP10

Notes

1. Deflection = permanent load deflection including creep (negative = downward movement).
2. Refer to "Guide to Installation - Pryda floor truss and rafter truss systems."

Major supports and factored reactions

Joint	Type	Width	Perm.	Max. down (LC)	Uplift	Tie-down	Connector
6	Beam Int	45	1.1 kN	2.8 kN (Gc+Qj)	No uplift	-	-
17	Beam Int	45	0.9 kN	2.5 kN (Gc+Qj)	No uplift	-	-

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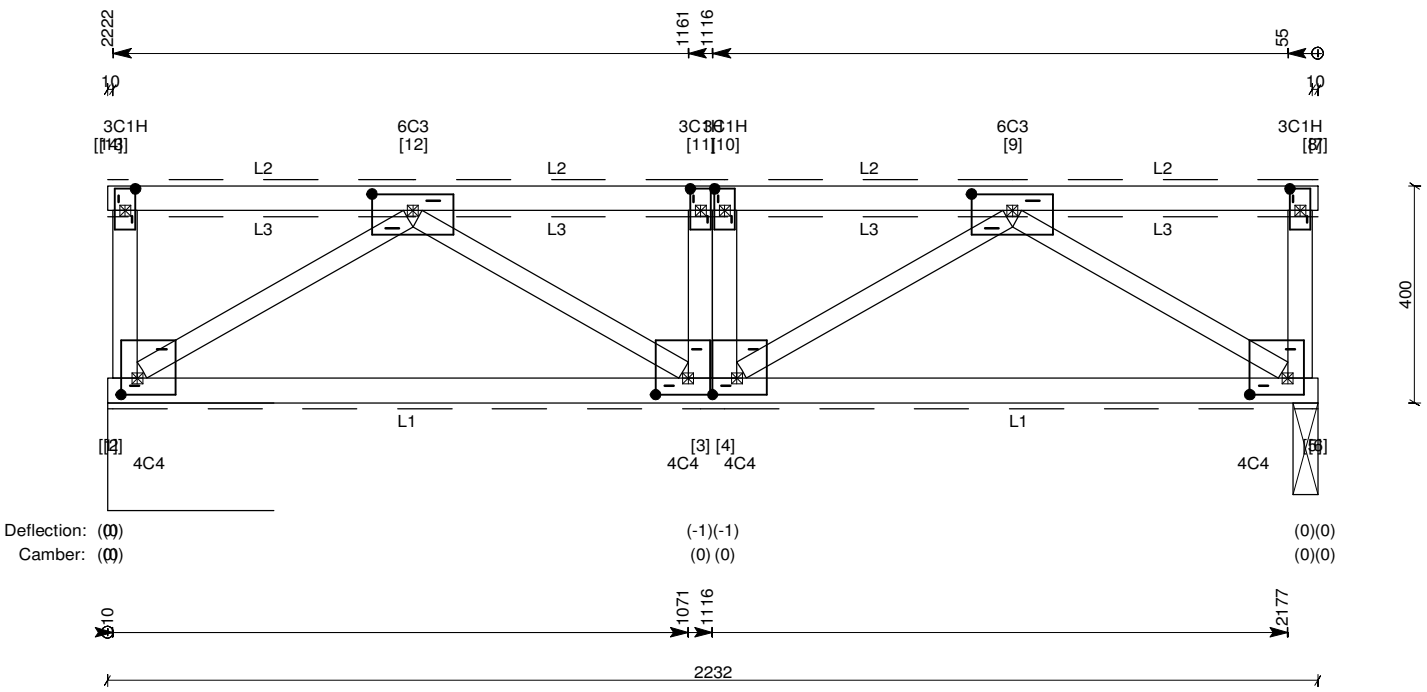
TRUSS DETAILS (DESIGN)

Job Ref: 16-1021

Truss Reference : FT70 (Single Floor Truss)

Truss type: Standard Floor **No. plies:** 1x90mm **Design spacing:** 450mm **No. of :** 7 **Building type:** Residential (Importance level 2) **Imposed floor loading:** 1.5 kPa, 1.8 kN **Floor performance criteria:** Normal
Structural Category: 1



Linings
L1: 10mm plasterboard (7.2 kg/sq.m).
Battens @ 600mm.
L2: 75mm Hebel SoundFloor (51.0 kg/sq.m).
Direct (nail/screw restraint) @ 450mm.
L3: 9mm Ceramic tiles on adhesive with underlay (35.0 kg/sq.m).

Imposed Floor Loading Exceptions

Panels	Loads
6 - 12	3.0 kPa, 2.7 kN

Timber

Top Chords	1 / 45x90 MGP12 uno
Bottom Chords	1 / 45x90 MGP12 uno
Webs	1 / 45x90 MGP10 uno
WB2 (2-12)	1 / 35x90 MGP10
WB3 (3-12)	1 / 35x90 MGP10
WB6 (4-9)	1 / 35x90 MGP10
WB7 (5-9)	1 / 35x90 MGP10

Notes
1. Deflection = permanent load deflection including creep (negative = downward movement).
2. Refer to "Guide to Installation - Pryda floor truss and rafter truss systems."

Major supports and factored reactions

Joint	Type	Width	Perm.	Max. down (LC)	Uplift	Tie-down	Connector
2	Steel/Conc Int	307	0.7 kN	3.3 kN (Gc+Qj)	No uplift	-	-
5	Beam Int	45	0.7 kN	3.1 kN (Gc+Qj)	No uplift	-	-

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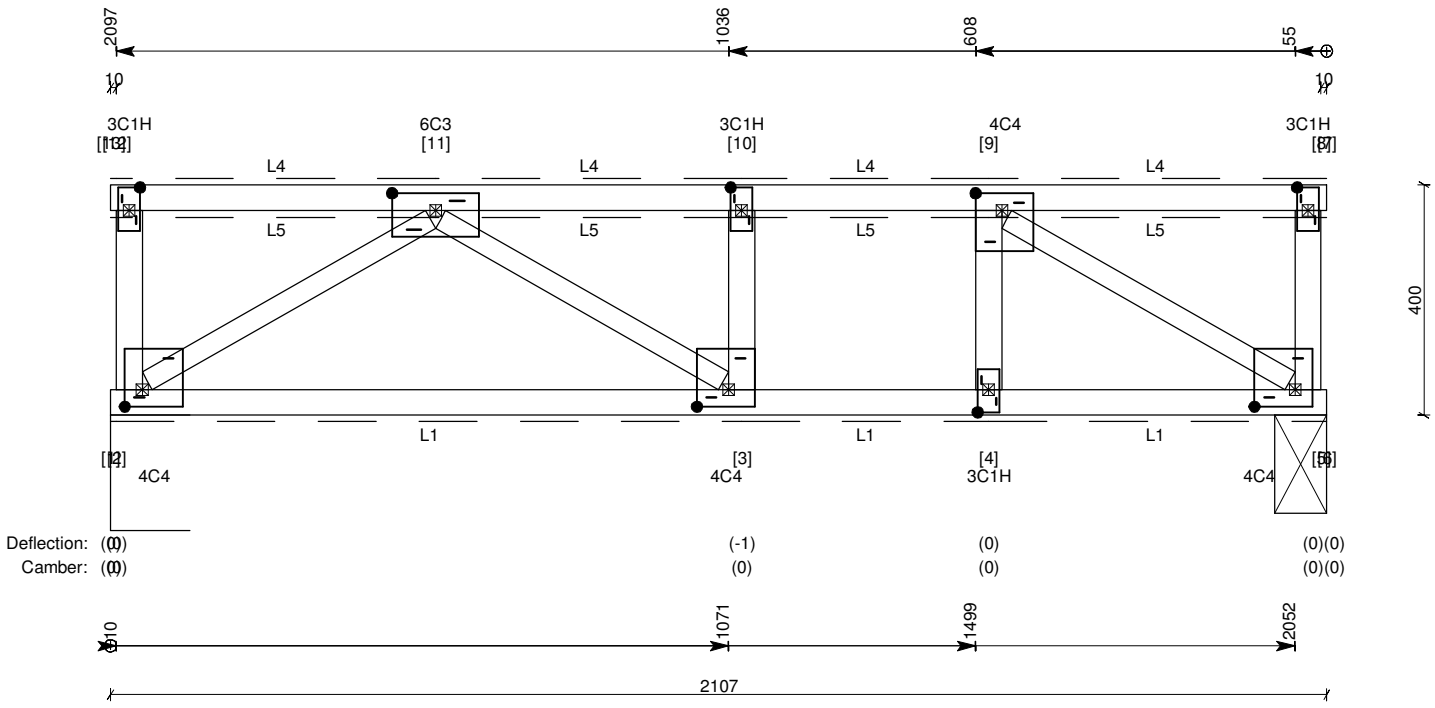
TRUSS DETAILS (DESIGN)

Job Ref: 16-1021

Truss Reference : FT72 (Single Floor Truss)

Truss type: Standard Floor **No. plies:** 1x90mm **Design spacing:** 435mm **No. of :** 1 **Building type:** Residential (Importance Level 2) **Imposed floor loading:** 1.5 kPa, 1.8 kN **Floor performance criteria:** Normal
Structural Category: 1



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: Normal (carpet, etc) (3.0 kg/sq.m).
L4: 18mm fibrecement sheet (wet areas) (34.0 kg/sq.m).
Direct (nail/screw restraint) @ 450mm.
L5: Ceramic tiles on 40mm mortar bed (60.0 kg/sq.m).

Timber

Top Chords	1 / 45x90 MGP12 uno
Bottom Chords	1 / 45x90 MGP12 uno
Webs	1 / 45x90 MGP10 uno
WB2 (2-11)	1 / 35x90 MGP10
WB3 (3-11)	1 / 35x90 MGP10
WB6 (5-9)	1 / 35x90 MGP10

Notes

1. Deflection = permanent load deflection including creep (negative = downward movement).
2. Refer to "Guide to Installation - Pryda floor truss and rafter truss systems."

Major supports and factored reactions

Joint	Type	Width	Perm.	Max. down (LC)	Uplift	Tie-down	Connector
2	Steel/Conc Int	137	0.7 kN	3.1 kN (Gc+Qj)	No uplift	-	-
5	Beam Int	90	0.7 kN	2.8 kN (Gc+Qj)	No uplift	-	-

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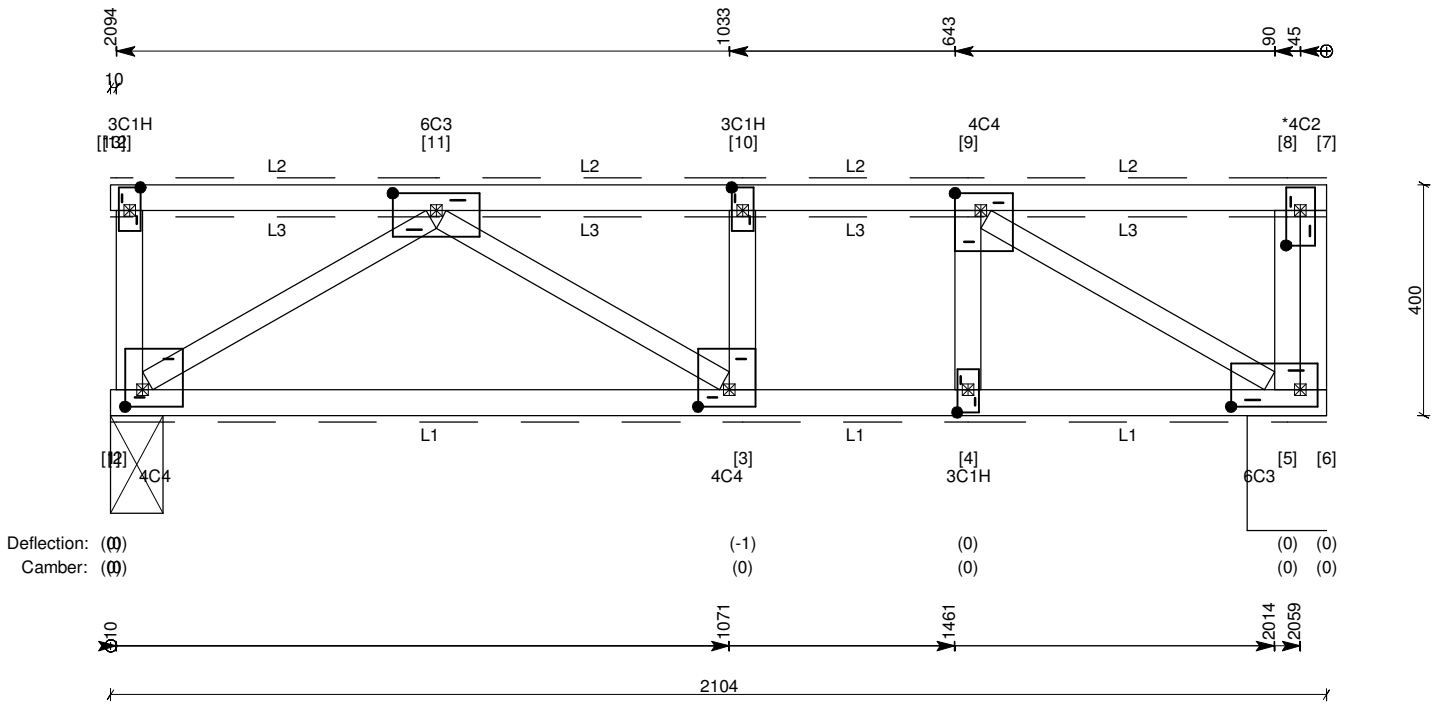
TRUSS DETAILS (DESIGN)

Job Ref: 16-1021

Truss Reference : FT31 (Single Floor Truss)

Truss type: Standard Floor **No. plies:** 1x90mm **Design spacing:** 450mm **No. of :** 1 **Building type:** Residential (Importance level 2) **Imposed floor loading:** 1.5 kPa, 1.8 kN **Floor performance criteria:** Normal
Structural Category: 1



Linings
L1: 10mm plasterboard (7.2 kg/sq.m).
Battens @ 600mm.
L2: 18mm fibrecement sheet (wet areas) (34.0 kg/sq.m).
Direct (nail/screw restraint) @ 450mm.
L3: Ceramic tiles on 40mm mortar bed (60.0 kg/sq.m).

Timber

Top Chords	1 / 45x90 MGP12 uno
Bottom Chords	1 / 45x90 MGP12 uno
Webs	1 / 45x90 MGP10 uno
WB2 (2-11)	1 / 35x90 MGP10
WB3 (3-11)	1 / 35x90 MGP10
WB6 (5-9)	1 / 35x90 MGP10

Notes
1. Deflection = permanent load deflection including creep (negative = downward movement).
2. Refer to "Guide to Installation - Pryda floor truss and rafter truss systems."

Major supports and factored reactions

Joint	Type	Width	Perm.	Max. down (LC)	Uplift	Tie-down	Connector
2	Beam Int	90	0.7 kN	2.9 kN (Gc+Qj)	No uplift	-	-
5	Steel/Conc Int	137	0.8 kN	3.2 kN (Gc+Qj)	No uplift	-	-

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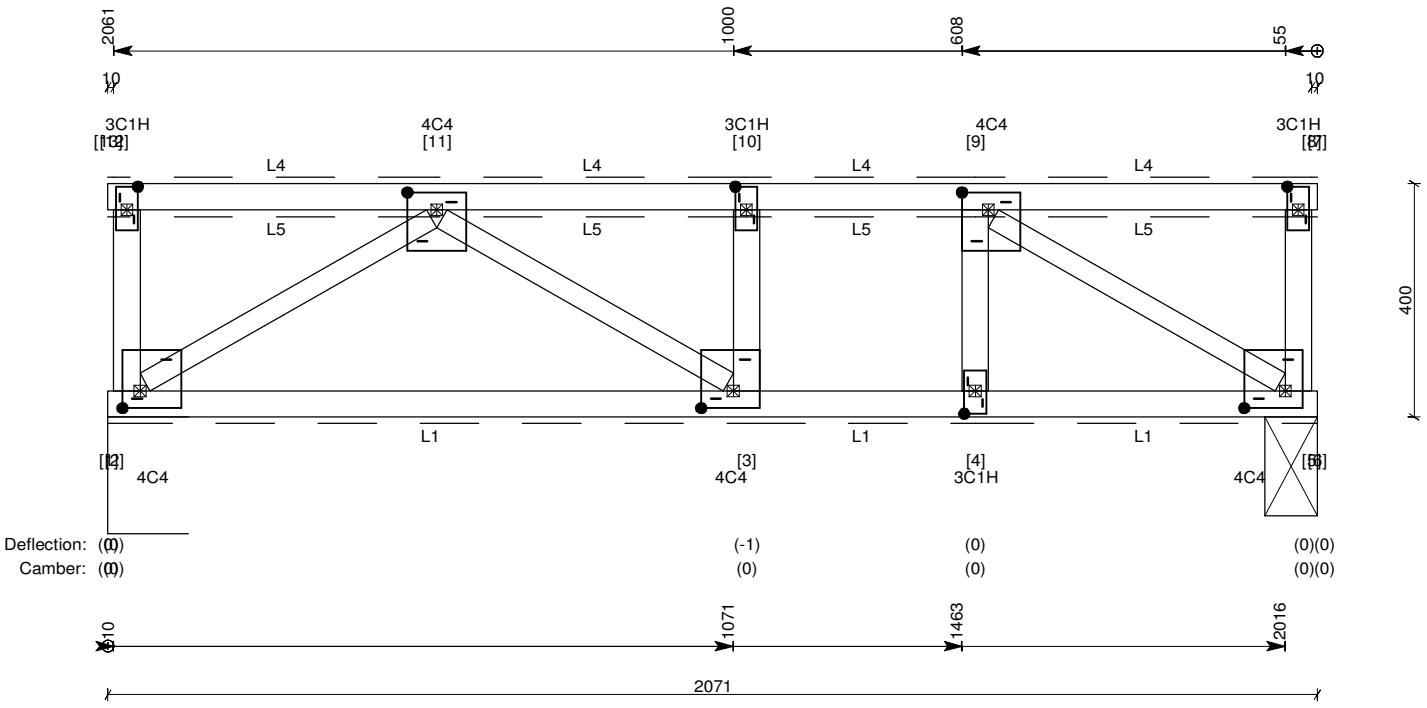
TRUSS DETAILS (DESIGN)

Job Ref: 16-1021

Truss Reference : FT73 (Single Floor Truss)

Truss type: Standard Floor **No. plies:** 1x90mm **Design spacing:** 390mm **No. of :** 1 **Building type:** Residential (Importance level 2) **Imposed floor loading:** 1.5 kPa, 1.8 kN **Floor performance criteria:** Normal
Structural Category: 1



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: Normal (carpet, etc) (3.0 kg/sq.m).
L4: 18mm fibrecement sheet (wet areas) (34.0 kg/sq.m).
Direct (nail/screw restraint) @ 450mm.
L5: Ceramic tiles on 40mm mortar bed (60.0 kg/sq.m).

Timber

Top Chords	1 / 45x90 MGP12 uno
Bottom Chords	1 / 45x90 MGP12 uno
Webs	1 / 45x90 MGP10 uno
WB2 (2-11)	1 / 35x90 MGP10
WB3 (3-11)	1 / 35x90 MGP10
WB6 (5-9)	1 / 35x90 MGP10

Notes

1. Deflection = permanent load deflection including creep (negative = downward movement).
2. Refer to "Guide to Installation - Pryda floor truss and rafter truss systems."

Major supports and factored reactions

Joint	Type	Width	Perm.	Max. down (LC)	Uplift	Tie-down	Connector
2	Steel/Conc Int	137	0.6 kN	3.0 kN (Gc+Qj)	No uplift	-	-
5	Beam Int	90	0.6 kN	2.6 kN (Gc+Qj)	No uplift	-	-

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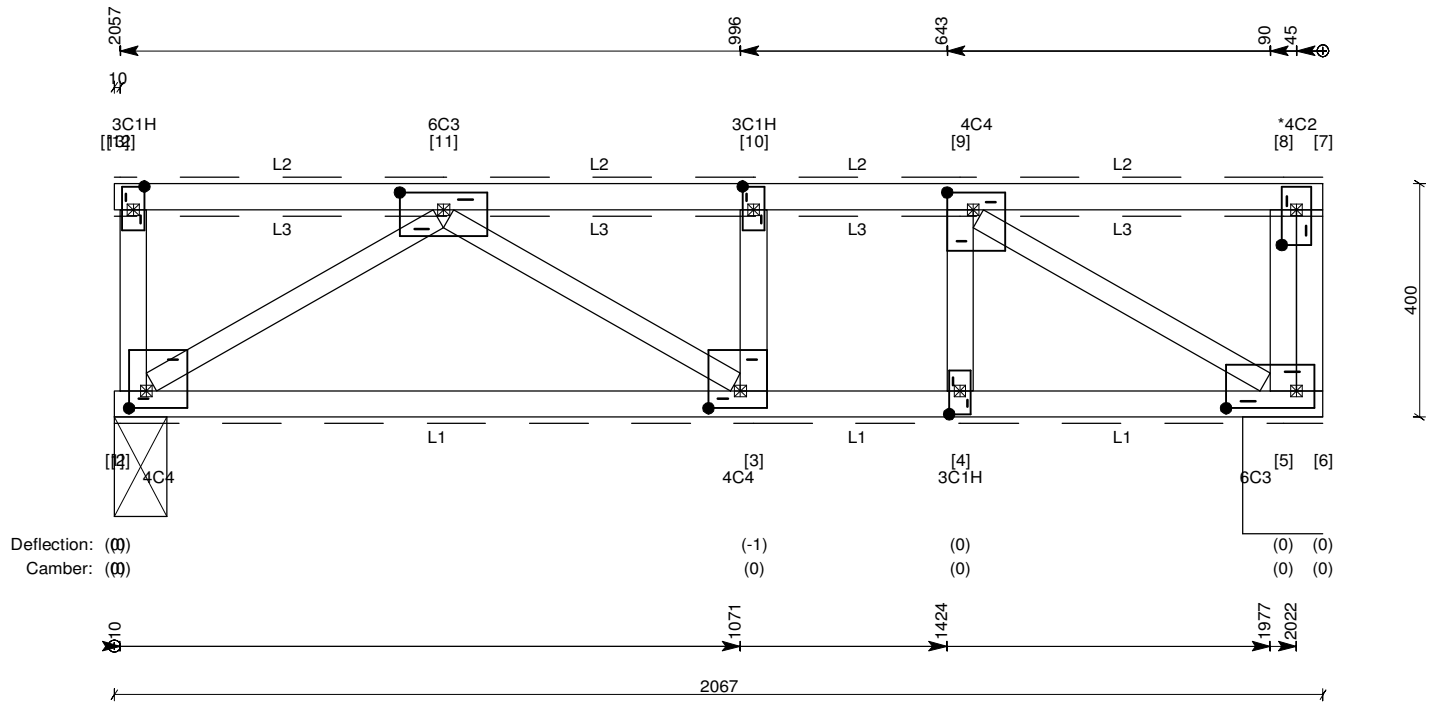
TRUSS DETAILS (DESIGN)

Job Ref: 16-1021

Truss Reference : FT32 (Single Floor Truss)

Truss type: Standard Floor **No. plies:** 1x90mm **Design spacing:** 450mm **No. of :** 1 **Building type:** Residential (Importance level 2) **Imposed floor loading:** 1.5 kPa, 1.8 kN **Floor performance criteria:** Normal
Structural Category: 1



Linings
L1: 10mm plasterboard (7.2 kg/sq.m).
Battens @ 600mm.
L2: 18mm fibrecement sheet (wet areas) (34.0 kg/sq.m).
Direct (nail/screw restraint) @ 450mm.
L3: Ceramic tiles on 40mm mortar bed (60.0 kg/sq.m).

Timber

Top Chords	1 / 45x90 MGP12 uno
Bottom Chords	1 / 45x90 MGP12 uno
Webs	1 / 45x90 MGP10 uno
WB2 (2-11)	1 / 35x90 MGP10
WB3 (3-11)	1 / 35x90 MGP10
WB6 (5-9)	1 / 35x90 MGP10

Notes
1. Deflection = permanent load deflection including creep (negative = downward movement).
2. Refer to "Guide to Installation - Pryda floor truss and rafter truss systems."

Major supports and factored reactions

Joint	Type	Width	Perm.	Max. down (LC)	Uplift	Tie-down	Connector
2	Beam Int	90	0.7 kN	2.9 kN (Gc+Qj)	No uplift	-	-
5	Steel/Conc Int	137	0.7 kN	3.2 kN (Gc+Qj)	No uplift	-	-

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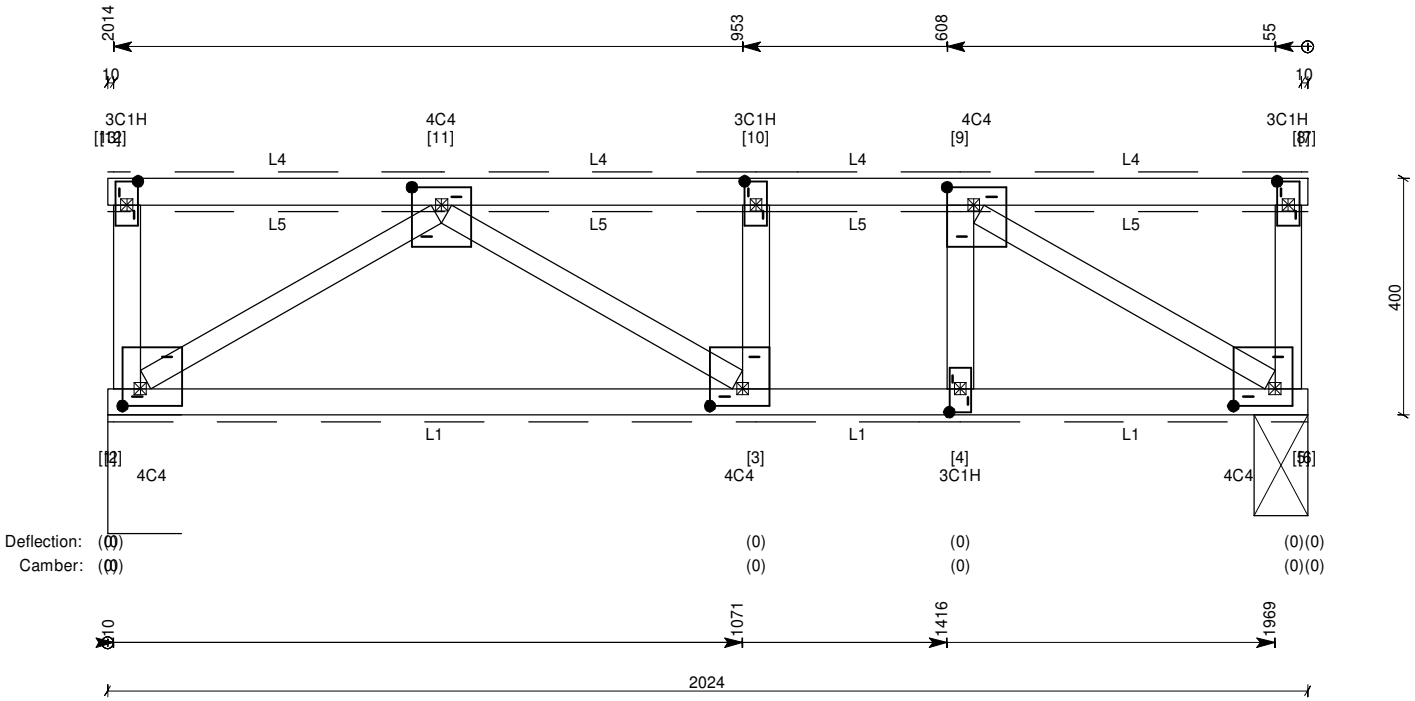
TRUSS DETAILS (DESIGN)

Job Ref: 16-1021

Truss Reference : FT74 (Single Floor Truss)

Truss type: Standard Floor **No. plies:** 1x90mm **Design spacing:** 188mm **No. of :** 1 **Building type:** Residential (Importance level 2) **Imposed floor loading:** 1.5 kPa, 1.8 kN **Floor performance criteria:** Normal
Structural Category: 1



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: Normal (carpet, etc) (3.0 kg/sq.m).
L4: 18mm fibrecement sheet (wet areas) (34.0 kg/sq.m).
Direct (nail/screw restraint) @ 450mm.
L5: Ceramic tiles on 40mm mortar bed (60.0 kg/sq.m).

Timber

Top Chords	1 / 45x90 MGP12 uno	
Bottom Chords	1 / 45x90 MGP12 uno	
Webs	1 / 45x90 MGP10 uno	
WB2 (2-11)	1 / 35x90 MGP10	
WB3 (3-11)	1 / 35x90 MGP10	
WB6 (5-9)	1 / 35x90 MGP10	

Notes

1. Deflection = permanent load deflection including creep (negative = downward movement).
2. Refer to "Guide to Installation - Pryda floor truss and rafter truss systems."

Major supports and factored reactions

Joint	Type	Width	Perm.	Max. down (LC)	Uplift	Tie-down	Connector
2	Steel/Conc Int	124	0.3 kN	2.1 kN (Gc+Qj)	No uplift	-	-
5	Beam Int	90	0.3 kN	1.7 kN (Gc+Qj)	No uplift	-	-

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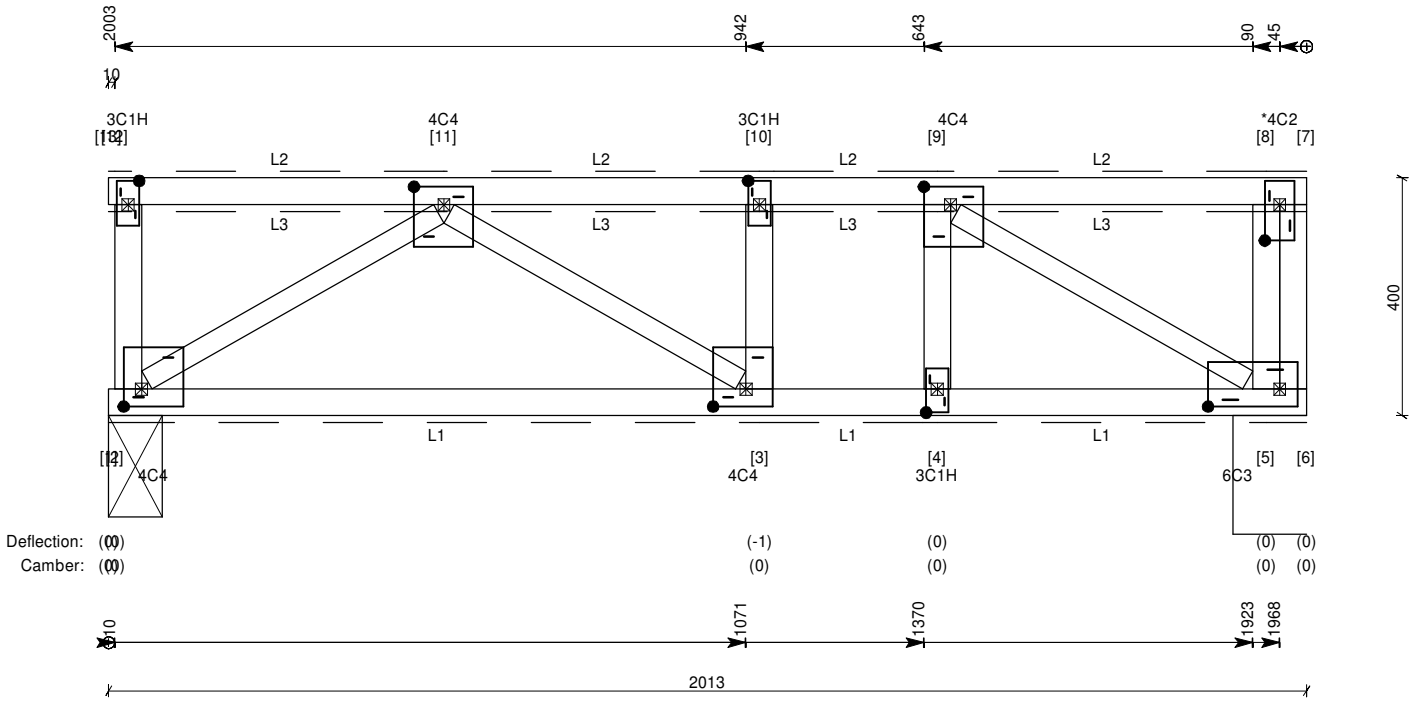
TRUSS DETAILS (DESIGN)

Job Ref: 16-1021

Truss Reference : FT33 (Single Floor Truss)

Truss type: Standard Floor **No. plies:** 1x90mm **Design spacing:** 450mm **No. of :** 1 **Building type:** Residential (Importance level 2) **Imposed floor loading:** 1.5 kPa, 1.8 kN **Floor performance criteria:** Normal
Structural Category: 1



Linings
L1: 10mm plasterboard (7.2 kg/sq.m).
Battens @ 600mm.
L2: 18mm fibrecement sheet (wet areas) (34.0 kg/sq.m).
Direct (nail/screw restraint) @ 450mm.
L3: Ceramic tiles on 40mm mortar bed (60.0 kg/sq.m).

Timber

Top Chords	1 / 45x90 MGP12 uno
Bottom Chords	1 / 45x90 MGP12 uno
Webs	1 / 45x90 MGP10 uno
WB2 (2-11)	1 / 35x90 MGP10
WB3 (3-11)	1 / 35x90 MGP10
WB6 (5-9)	1 / 35x90 MGP10

Notes
1. Deflection = permanent load deflection including creep (negative = downward movement).
2. Refer to "Guide to Installation - Pryda floor truss and rafter truss systems."

Major supports and factored reactions

Joint	Type	Width	Perm.	Max. down (LC)	Uplift	Tie-down	Connector
2	Beam Int	90	0.7 kN	2.9 kN (Gc+Qj)	No uplift	-	-
5	Steel/Conc Int	123	0.7 kN	3.2 kN (Gc+Qj)	No uplift	-	-

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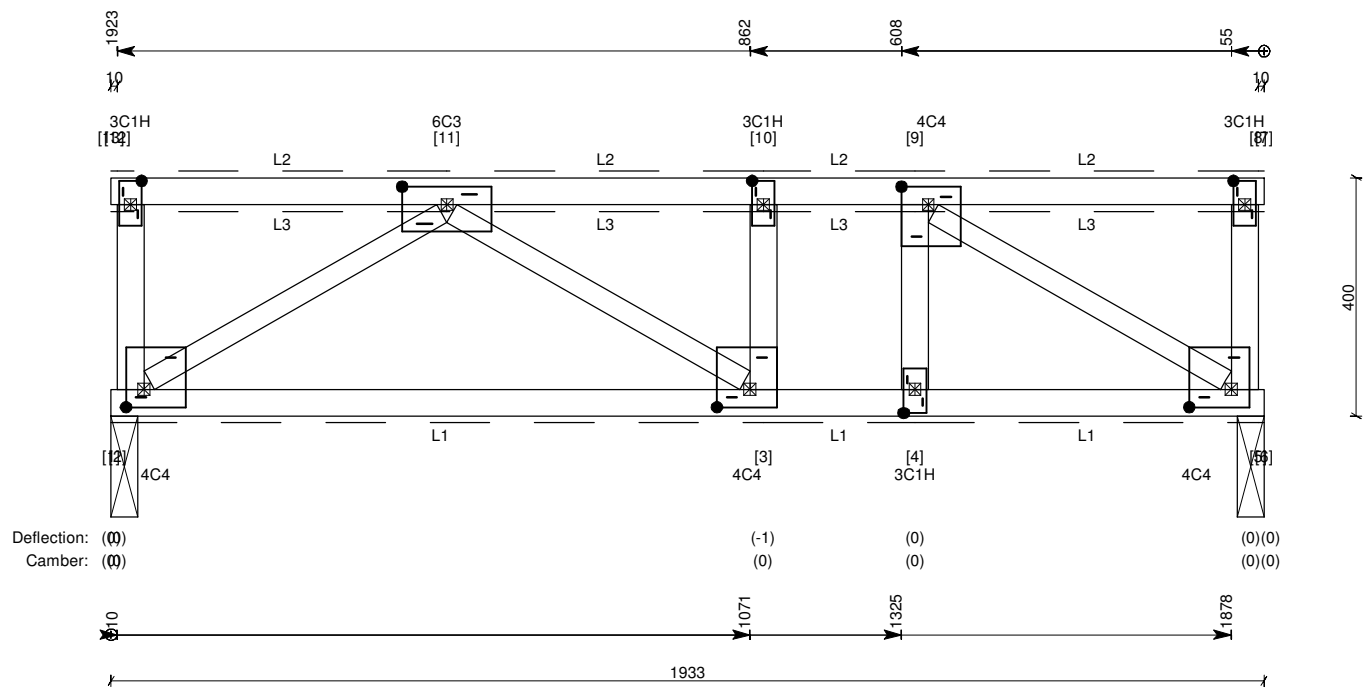
TRUSS DETAILS (DESIGN)

Job Ref: 16-1021

Truss Reference : FT69 (Single Floor Truss)

Truss type: Standard Floor **No. plies:** 1x90mm **Design spacing:** 450mm **No. of :** 12 **Building type:** Residential (Importance level 2) **Imposed floor loading:** 1.5 kPa, 1.8 kN **Floor performance criteria:** Normal
Structural Category: 1



Linings
L1: 10mm plasterboard (7.2 kg/sq.m).
Battens @ 600mm.
L2: 75mm Hebel SoundFloor (51.0 kg/sq.m).
Direct (nail/screw restraint) @ 450mm.
L3: 9mm Ceramic tiles on adhesive with underlay (35.0 kg/sq.m).

Timber

Top Chords	1 / 45x90 MGP12 uno
Bottom Chords	1 / 45x90 MGP12 uno
Webs	1 / 45x90 MGP10 uno
WB2 (2-11)	1 / 35x90 MGP10
WB3 (3-11)	1 / 35x90 MGP10
WB6 (5-9)	1 / 35x90 MGP10

Notes
1. Deflection = permanent load deflection including creep (negative = downward movement).
2. Refer to "Guide to Installation - Pryda floor truss and rafter truss systems."

Imposed Floor Loading Exceptions

Panels	Loads
6 - 11	3.0 kPa, 2.7 kN

Major supports and factored reactions

Joint	Type	Width	Perm.	Max. down (LC)	Uplift	Tie-down	Connector
2	Beam Int	45	0.6 kN	3.0 kN (Gc+Qj)	No uplift	-	-
5	Beam Int	45	0.6 kN	3.0 kN (Gc+Qj)	No uplift	-	-

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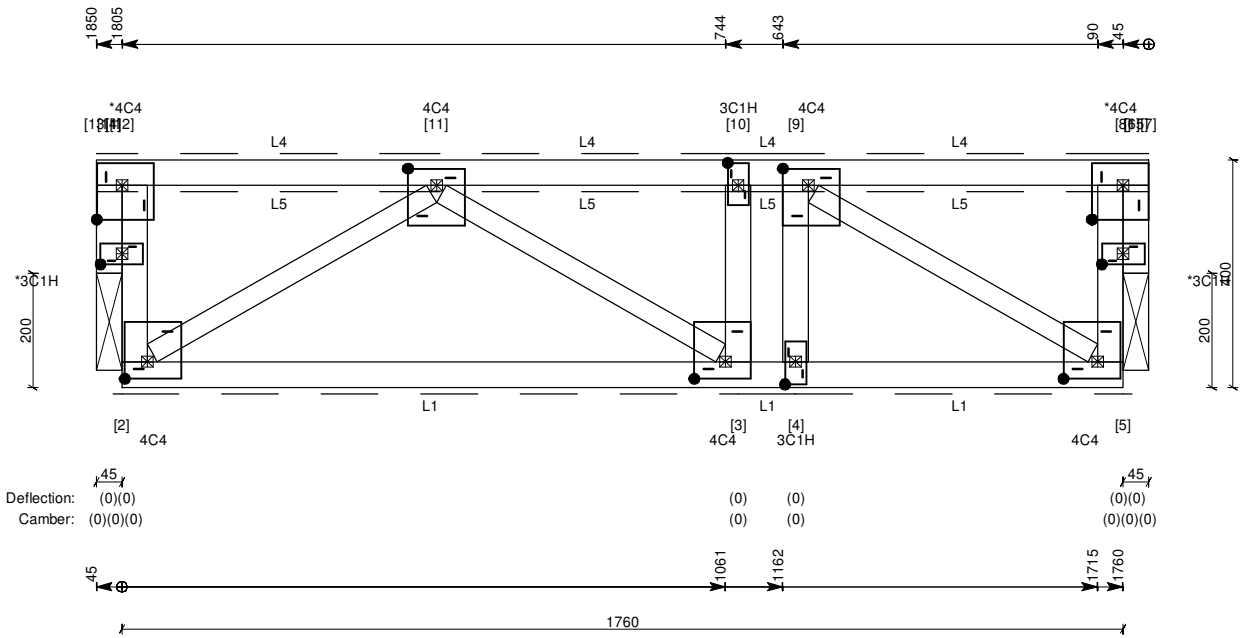
TRUSS DETAILS (DESIGN)

Job Ref: 16-1021

Truss Reference : FT67 (Single Floor Truss)

Truss type: Standard Floor **No. plies:** 1x90mm **Design spacing:** 450mm **No. of :** 2 **Building type:** Residential (Importance level 2) **Imposed Floor loading:** 1.5 kPa, 1.8 kN **Floor performance criteria:** Normal
Structural Category: 1



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: Normal (carpet, etc) (3.0 kg/sq.m).
L4: 75mm Hebel SoundFloor (51.0 kg/sq.m).
Direct (nail/screw restraint) @ 450mm.
L5: 9mm Ceramic tiles on adhesive with underlay (35.0 kg/sq.m).

Timber

Top Chords	1 / 45x90 MGP12 uno
Bottom Chords	1 / 45x90 MGP12 uno
Webs	1 / 45x90 MGP10 uno
WB3 (2-11)	1 / 35x90 MGP10
WB4 (3-11)	1 / 35x90 MGP10
WB7 (5-9)	1 / 35x90 MGP10

Notes

1. Deflection = permanent load deflection including creep (negative = downward movement).
2. Refer to "Guide to Installation - Pryda floor truss and rafter truss systems."

Major supports and factored reactions

Joint	Type	Width	Perm.	Max. down (LC)	Uplift	Tie-down	Connector
14	Beam Int	45	0.6 kN	3.0 kN (Gc+Qj)	No uplift	-	-
15	Beam Int	45	0.6 kN	3.0 kN (Gc+Qj)	No uplift	-	-

Imposed Floor Loading Exceptions

Panels	Loads
8 - 11	3.0 kPa, 2.7 kN

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TRUSS DETAILS (DESIGN)

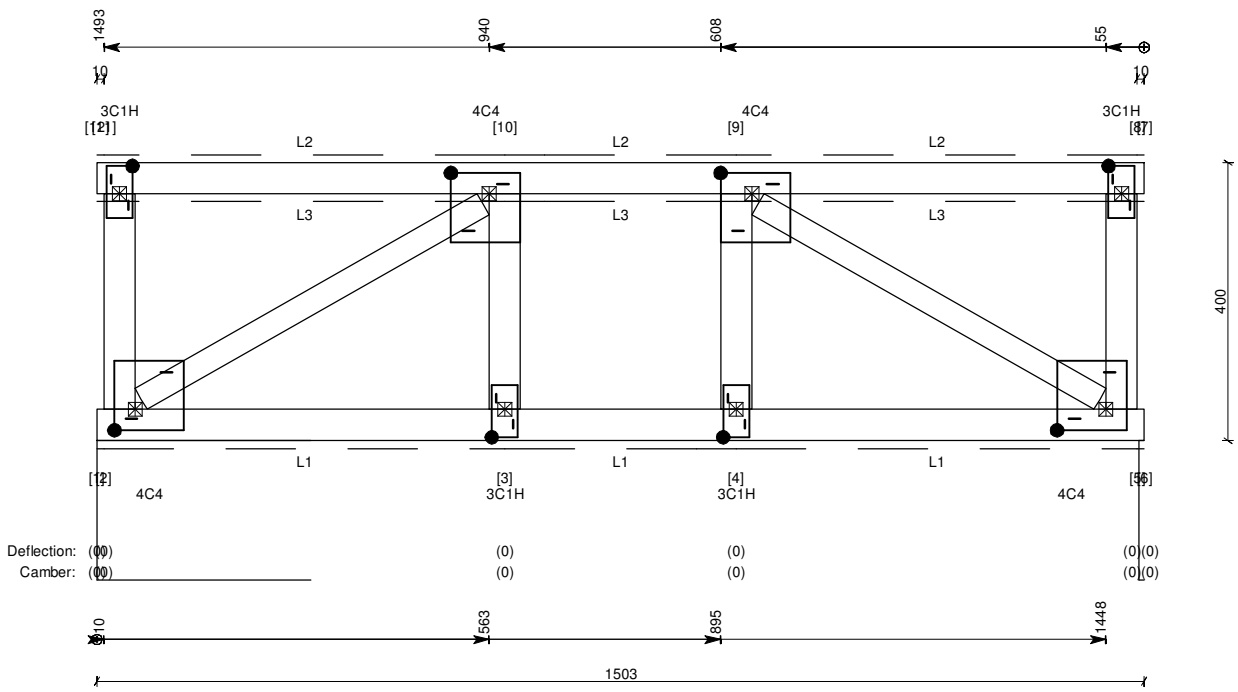
Ver 4.3.3.107

Job Ref: 16-1021

Truss Reference : FT71 (Single Floor Truss)

Date created: 29 May 2017
Page No: 71

Truss type: Standard Floor **No. plies:** 1x90mm **Design spacing:** 450mm **No. of :** 3 **Building type:** Residential (Importance level 2) **Imposed floor loading:** 1.5 kPa, 1.8 kN **Floor performance criteria:** Normal
Structural Category: 1



Linings
L1: 10mm plasterboard (7.2 kg/sq.m).
Battens @ 600mm.
L2: 75mm Hebel SoundFloor (51.0 kg/sq.m).
Direct (nail/screw restraint) @ 450mm.
L3: 9mm Ceramic tiles on adhesive with underlay (35.0 kg/sq.m).

Timber

Top Chords	1 / 45x90 MGP12 uno
Bottom Chords	1 / 45x90 MGP12 uno
Webs	1 / 45x90 MGP10 uno
WB2 (2-10)	1 / 35x90 MGP10
WB5 (5-9)	1 / 35x90 MGP10

Notes
1. Deflection = permanent load deflection including creep (negative = downward movement).
2. Refer to "Guide to Installation - Pryda floor truss and rafter truss systems."

Imposed Floor Loading Exceptions

Panels	Loads
6 - 10	3.0 kPa, 2.7 kN

Major supports and factored reactions

Joint	Type	Width	Perm.	Max. down (LC)	Uplift	Tie-down	Connector
2	Steel/Conc Int	307	0.5 kN	3.2 kN (Gc+Qj)	No uplift	-	-
5	Steel/Conc Int	8	0.5 kN	3.2 kN (Gc+Qj)	No uplift	-	-

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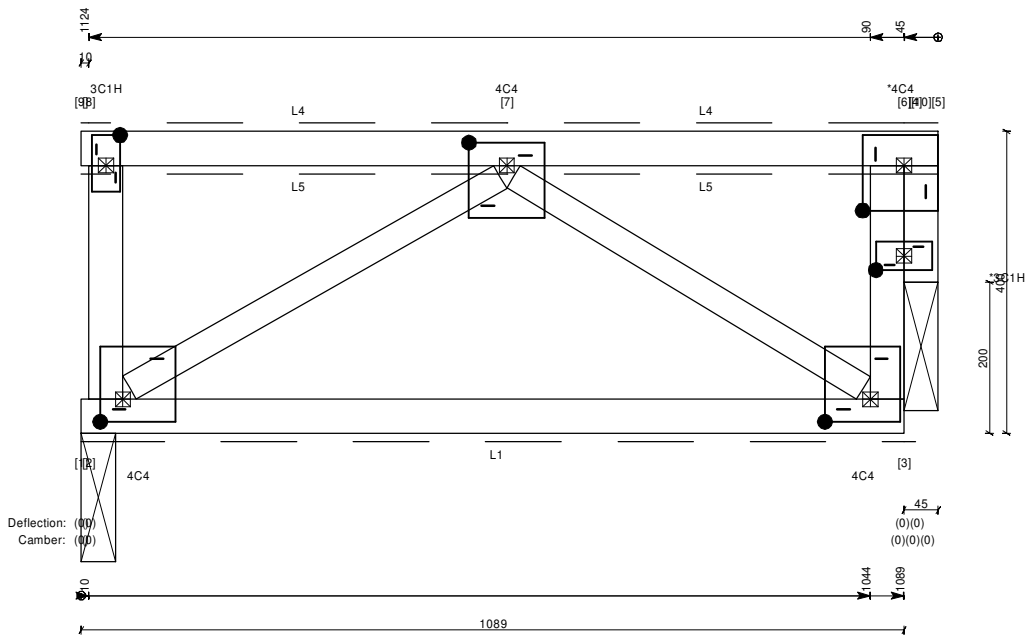
TRUSS DETAILS (DESIGN)

Job Ref: 16-1021

Truss Reference : FT68 (Single Floor Truss)

Truss type: Standard Floor **No. plies:** 1x90mm **Design spacing:** 450mm **No. of :** 2 **Building type:** Residential (Importance Level 2) **Imposed Floor loading:** 1.5 kPa, 1.8 kN **Floor performance criteria:** Normal
Structural Category: 1



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: Normal (carpet, etc) (3.0 kg/sq.m).
L4: 75mm Hebel SoundFloor (51.0 kg/sq.m).
Direct (nail/screw restraint) @ 450mm.
L5: 9mm Ceramic tiles on adhesive with underlay (35.0 kg/sq.m).

Timber

Top Chords	1 / 45x90 MGP12 uno	
Bottom Chords	1 / 45x90 MGP12 uno	
Webs	1 / 45x90 MGP10 uno	
WB2 (2-7)	1 / 35x90 MGP10	
WB3 (3-7)	1 / 35x90 MGP10	

Notes
1. Deflection = permanent load deflection including creep (negative = downward movement).
2. Refer to "Guide to Installation - Pryda floor truss and rafter truss systems."

Major supports and factored reactions

Joint	Type	Width	Perm.	Max. down (LC)	Uplift	Tie-down	Connector
2	Beam Int	45	0.4 kN	2.9 kN (Gc+Qj)	No uplift	-	-
10	Beam Int	45	0.4 kN	2.9 kN (Gc+Qj)	No uplift	-	-

Imposed Floor Loading Exceptions

Panels	Loads
6 - 7	3.0 kPa, 2.7 kN

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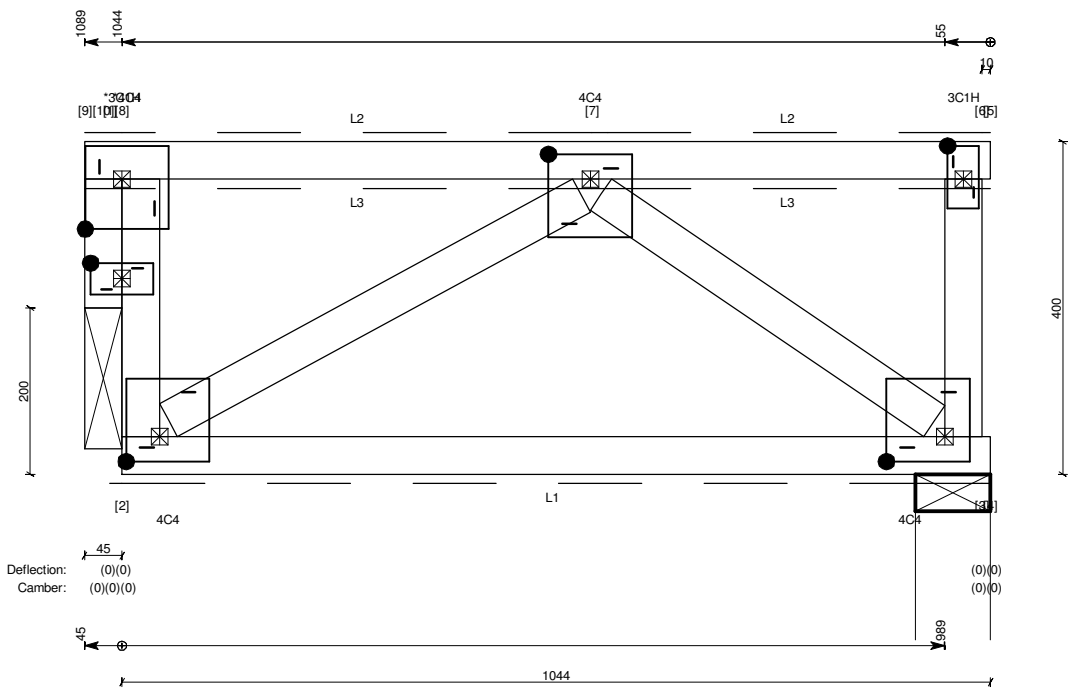
TRUSS DETAILS (DESIGN)

Job Ref: 16-1021

Truss Reference : FT57 (Single Floor Truss)

Truss type: Standard Floor **No. plies:** 1x90mm **Design spacing:** 600mm **No. of :** 1 **Building type:** Residential (Importance Level 2) **Imposed Floor loading:** 1.5 kPa, 1.8 kN **Floor performance criteria:** Normal
Structural Category: 1



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: Normal (carpet, etc) (3.0 kg/sq.m).

Timber

Top Chords	1 / 45x90 MGP10 uno
Bottom Chords	1 / 45x90 MGP10 uno
Webs	1 / 45x90 MGP12 uno

Notes
1. Deflection = permanent load deflection including creep (negative = downward movement).
2. Refer to "Guide to Installation - Pryda floor truss and rafter truss systems."

Imposed Floor Loading Exceptions

Panels	Loads
4 - 7	3.0 kPa, 2.7 kN

Major supports and factored reactions

Joint	Type	Width	Perm.	Max. down (LC)	Uplift	Tie-down	Connector
3	Wall Int	90	0.3 kN	3.7 kN (Gc+Qj)	No uplift	-	-
10	Beam Int	45	0.3 kN	3.2 kN (Gc+Qj)	No uplift	-	-

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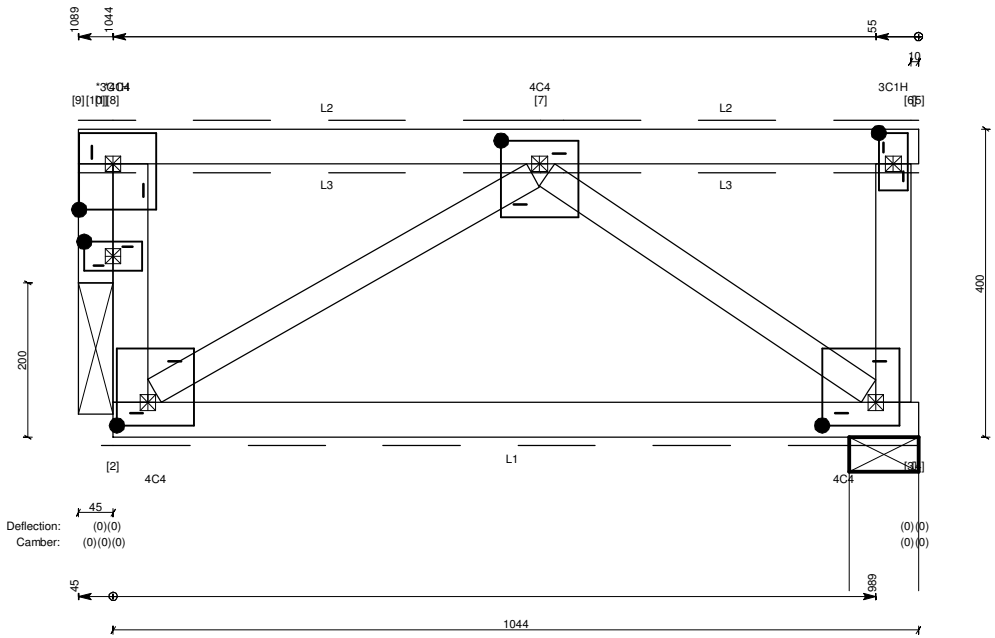
TRUSS DETAILS (DESIGN)

Job Ref: 16-1021

Truss Reference : FT58 (Single Floor Truss)

Truss type: Standard Floor **No. plies:** 1x90mm **Design spacing:** 600mm **No. of :** 1 **Building type:** Residential (Importance Level 2) **Imposed floor loading:** 1.5 kPa, 1.8 kN **Floor performance criteria:** Normal
Structural Category: 1



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: Normal (carpet, etc) (3.0 kg/sq.m).

Timber

Top Chords	1 / 45x90 MGP10 uno
Bottom Chords	1 / 45x90 MGP10 uno
Webs	1 / 45x90 MGP10 uno
WB3 (2-7)	1 / 35x90 MGP10
WB4 (3-7)	1 / 35x90 MGP10

Notes
1. Deflection = permanent load deflection including creep (negative = downward movement).
2. Refer to "Guide to Installation - Pryda floor truss and rafter truss systems."

Major supports and factored reactions

Joint	Type	Width	Perm.	Max. down (LC)	Uplift	Tie-down	Connector
3	Wall Int	90	0.3 kN	2.7 kN (Gc+Qj)	No uplift	-	-
10	Beam Int	45	0.3 kN	2.3 kN (Gc+Qj)	No uplift	-	-

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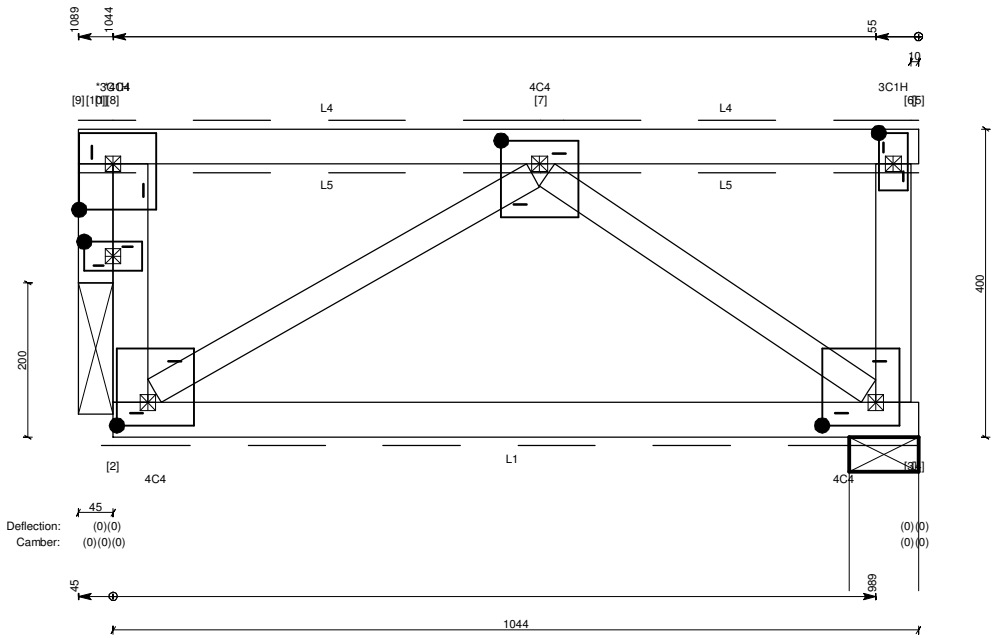
TRUSS DETAILS (DESIGN)

Job Ref: 16-1021

Truss Reference : FT59 (Single Floor Truss)

Truss type: Standard Floor **No. plies:** 1x90mm **Design spacing:** 600mm **No. of :** 2 **Building type:** Residential (Importance Level 2) **Imposed Floor loading:** 1.5 kPa, 1.8 kN **Floor performance criteria:** Normal
Structural Category: 1



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: Normal (carpet, etc) (3.0 kg/sq.m).
L4: 75mm Hebel SoundFloor (51.0 kg/sq.m).
Direct (nail/screw restraint) @ 450mm.
L5: 9mm Ceramic tiles on adhesive with underlay (35.0 kg/sq.m).

Timber

Top Chords	1 / 45x90 MGP10 uno
Bottom Chords	1 / 45x90 MGP10 uno
Webs	1 / 45x90 MGP10 uno
WB3 (2-7)	1 / 35x90 MGP10
WB4 (3-7)	1 / 35x90 MGP10

Notes

1. Deflection = permanent load deflection including creep (negative = downward movement).
2. Refer to "Guide to Installation - Pryda floor truss and rafter truss systems."

Major supports and factored reactions

Joint	Type	Width	Perm.	Max. down (LC)	Uplift	Tie-down	Connector
3	Wall Int	90	0.5 kN	3.9 kN (Gc+Qj)	No uplift	-	-
10	Beam Int	45	0.5 kN	3.3 kN (Gc+Qj)	No uplift	-	-

Imposed Floor Loading Exceptions

Panels	Loads
6 - 7	3.0 kPa, 2.7 kN