

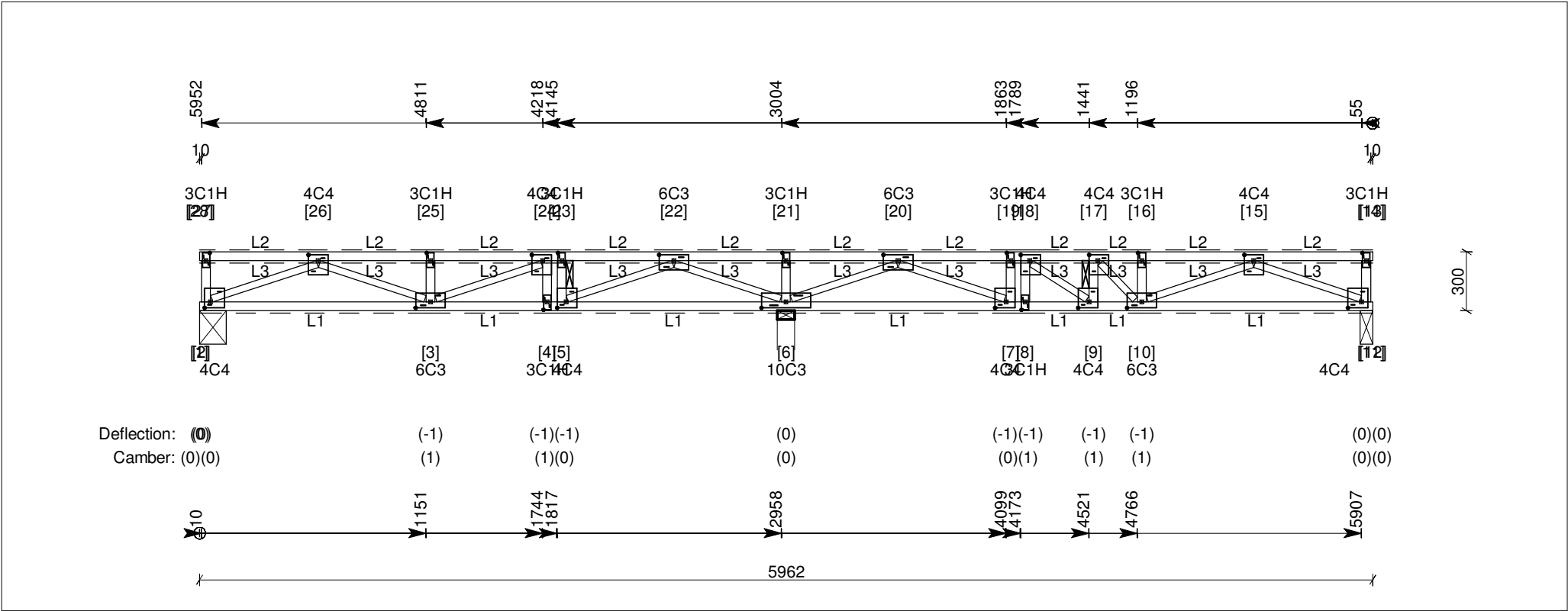
TRUSS DETAILS (DESIGN)

Job Ref: 16-1021B

Truss Reference : FT21 (Single Floor Truss)

Date created: 17 May 2017
Page No: 1

Truss type: Standard Floor No. plies: 1x90mm Design spacing: 450mm No. of : 4 Building type: Residential (Important) 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 (2-27) 1 / 45x90 MGP10
- WB4 (3-25) 1 / 45x90 MGP10
- WB6 (4-24) 1 / 45x90 MGP10
- WB7 (5-23) 1 / 45x90 MGP10
- WB10 (6-21) 1 / 45x90 MGP10
- WB13 (7-19) 1 / 45x90 MGP10
- WB14 (8-18) 1 / 45x90 MGP10
- WB16 (9-17) 1 / 45x90 MGP10
- WB18 (10-16) 1 / 45x90 MGP10
- WB21 (11-14) 1 / 45x90 MGP10

Notes

- Deflection = permanent load deflection including creep (negative = downward movement).
- 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	135	0.5 kN	2.0 kN (Gc+Qj)	No uplift	-	-
6	Wall Int	90	1.7 kN	5.2 kN (Gc+Q2f)	No uplift	-	-
11	Beam Int	63	0.5 kN	2.0 kN (Gc+Qj)	No uplift	-	-

Angle	Type	Width	Perm.	Max. down (LC)	Uplift	Tie-down	Connector
2	Beam Int	135	0.6 kN	2.1 kN (Gc+Qj)	No uplift	-	-
6	Wall Int	90	1.6 kN	4.9 kN (Gc+Q2f)	No uplift	-	-
10	Steel/Conc Int	149	0.5 kN	2.2 kN (Gc+Qj)	No uplift	-	-

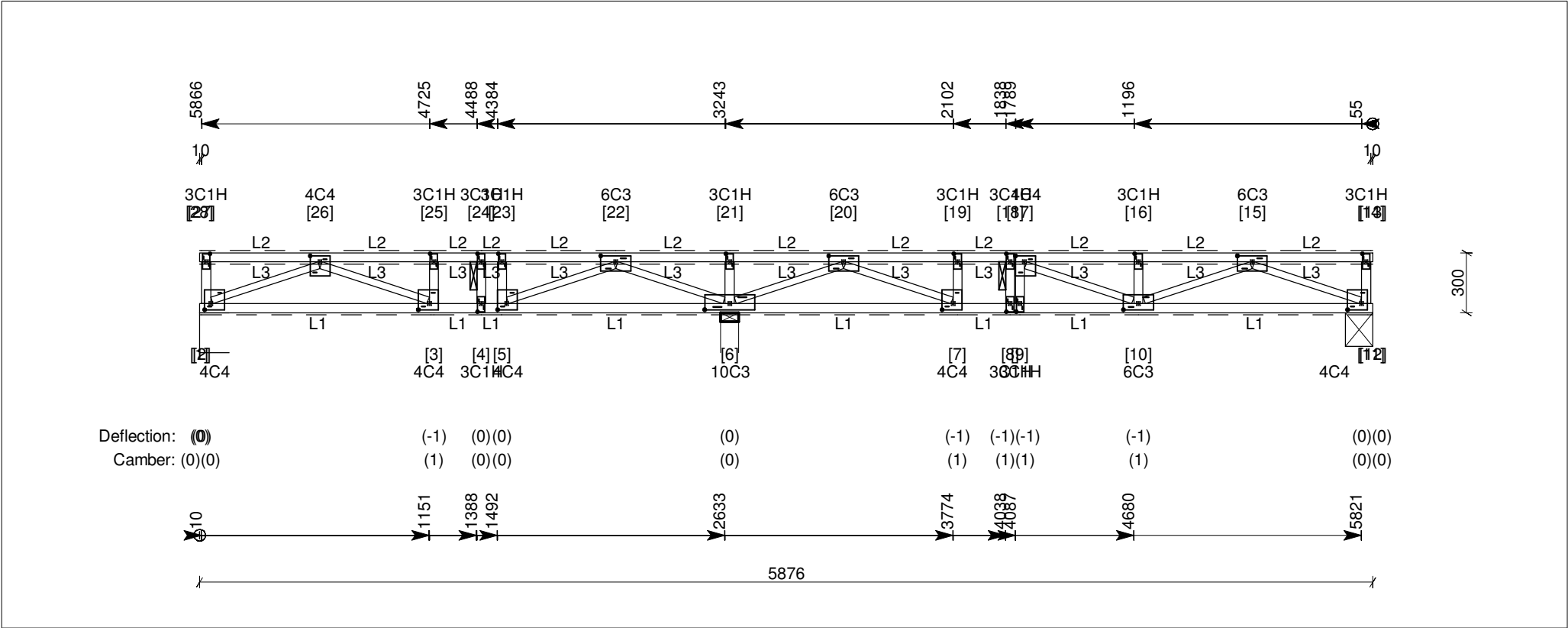
TRUSS DETAILS (DESIGN)

Job Ref: 16-1021B

Truss Reference : FT10 (Single Floor Truss)

Date created: 17 May 2017
Page No: 3

Truss type: Standard Floor No. plies: 1x90mm Design spacing: 450mm No. of : 7 Building type: Residential (Important) 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 (2-26) 1 / 35x90 MGP10
WB3 (3-26) 1 / 35x90 MGP10
WB7 (5-22) 1 / 35x90 MGP10
WB8 (6-22) 1 / 35x90 MGP10
WB10 (6-20) 1 / 35x90 MGP10
WB11 (7-20) 1 / 35x90 MGP10
WB15 (10-17) 1 / 35x90 MGP10
WB17 (10-15) 1 / 35x90 MGP10
WB18 (11-15) 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						Uplift	Tie-down	Connector
Joint	Type	Width	Perm.	Max. down (LC)				
2	Steel/Conc Int	149	0.5 kN	2.2 kN (Gc+Qj)		No uplift	-	-
6	Wall Int	90	1.6 kN	4.9 kN (Gc+Q2f)		No uplift	-	-
11	Beam Int	135	0.6 kN	2.1 kN (Gc+Qj)		No uplift	-	-

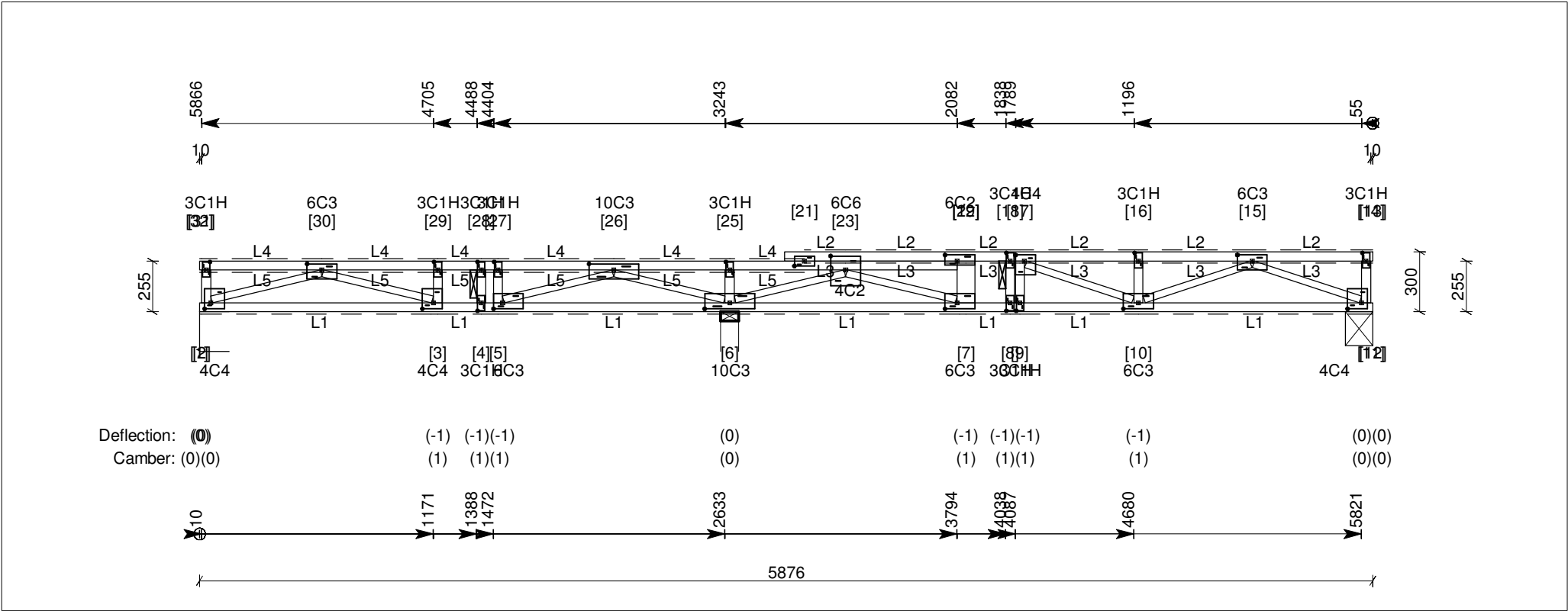
TRUSS DETAILS (DESIGN)

Job Ref: 16-1021B

Truss Reference : FT14 (Single Floor Truss)

Date created: 17 May 2017
Page No: 4

Truss type: Standard Floor No. plies: 1x90mm Design spacing: 450mm No. of : 2 Building type: Residential (Important) 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 (2-30)	1 / 35x90 MGP10
WB3 (3-30)	1 / 35x90 MGP10
WB7 (5-26)	1 / 35x90 MGP10
WB8 (6-26)	1 / 35x90 MGP10
WB10 (6-23)	1 / 35x90 MGP10
WB11 (7-23)	1 / 35x90 MGP10
WB12 (7-19)	1 / 90x90 MGP10
WB15 (10-17)	1 / 35x90 MGP10
WB17 (10-15)	1 / 35x90 MGP10
WB18 (11-15)	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	149	0.8 kN	3.1 kN (Gc+Qj)	No uplift	-	-
6	Wall Int	90	2.1 kN	5.3 kN (Gc+Q2f)	No uplift	-	-
11	Beam Int	135	0.6 kN	2.1 kN (Gc+Qj)	No uplift	-	-

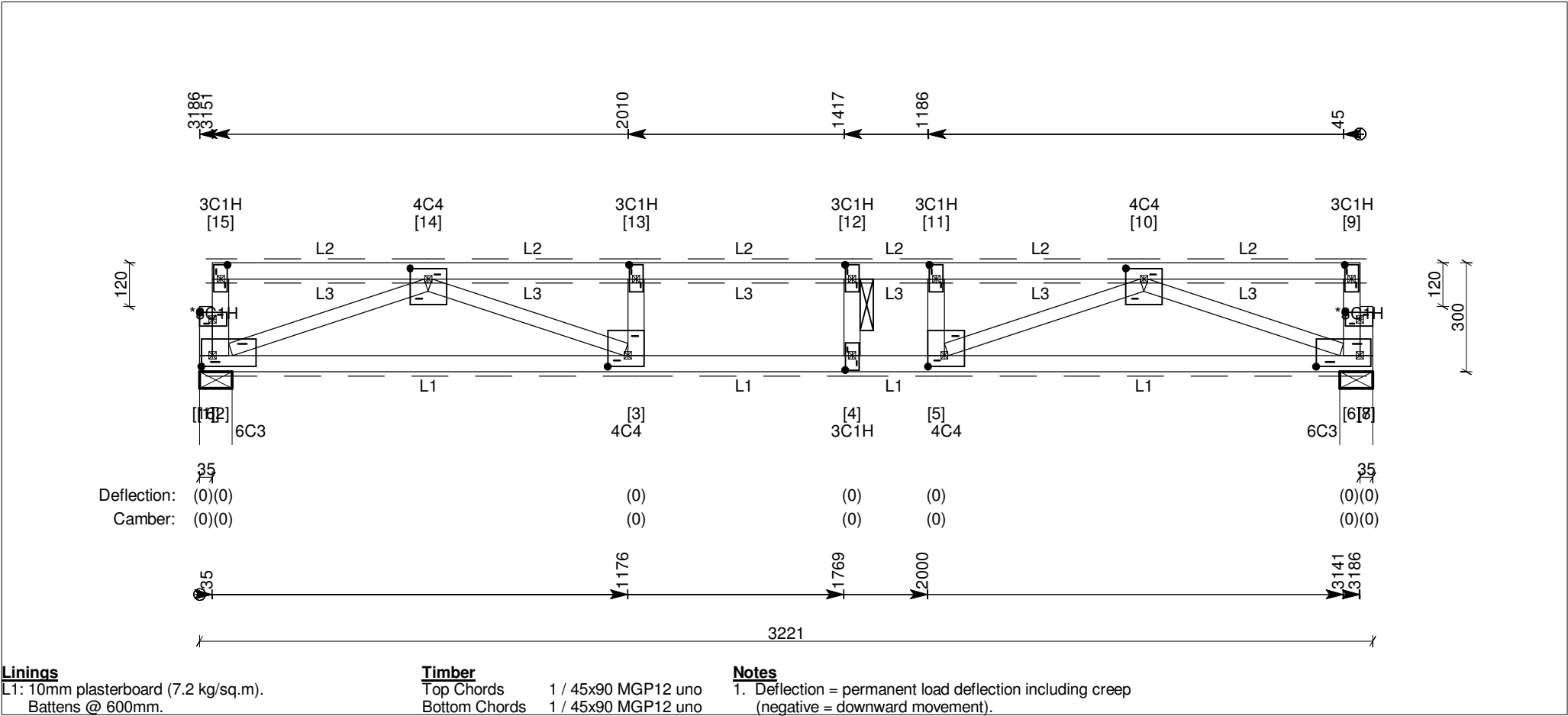
TRUSS DETAILS (DESIGN)

Job Ref: 16-1021B

Truss Reference : FT1 (Single Floor Truss)

Date created: 17 May 2017
Page No: 5

Truss type: Standard Floor No. plies: 1x90mm Design spacing: 450mm No. of : 1 Building type: Residential (Important) 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 (2-14) 1 / 35x90 MGP10
WB4 (3-14) 1 / 35x90 MGP10
WB8 (5-10) 1 / 35x90 MGP10
WB9 (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
2	Wall Int	90	0.3 kN	2.1 kN (Gc+Qj)	No uplift	-	-
6	Wall Int	90	0.3 kN	2.1 kN (Gc+Qj)	No uplift	-	-

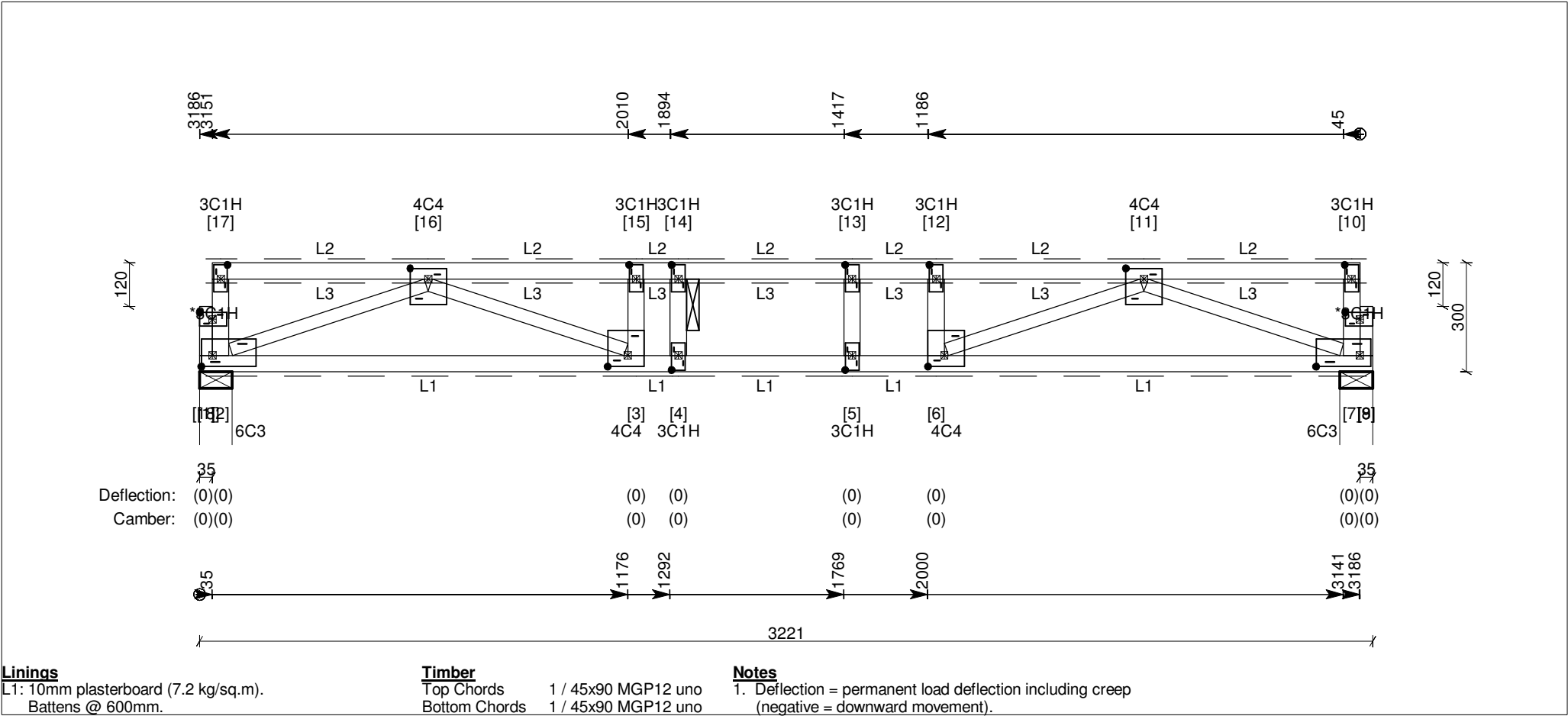
TRUSS DETAILS (DESIGN)

Job Ref: 16-1021B

Truss Reference : FT15 (Single Floor Truss)

Date created: 17 May 2017
Page No: 6

Truss type: Standard Floor No. plies: 1x90mm Design spacing: 450mm No. of : 1 Building type: Residential (Important) 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
WB9 (6-11)	1 / 35x90 MGP10
WB10 (7-11)	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	Wall Int	90	0.3 kN	2.1 kN (Gc+Qj)	No uplift	-	-
7	Wall Int	90	0.3 kN	2.1 kN (Gc+Qj)	No uplift	-	-

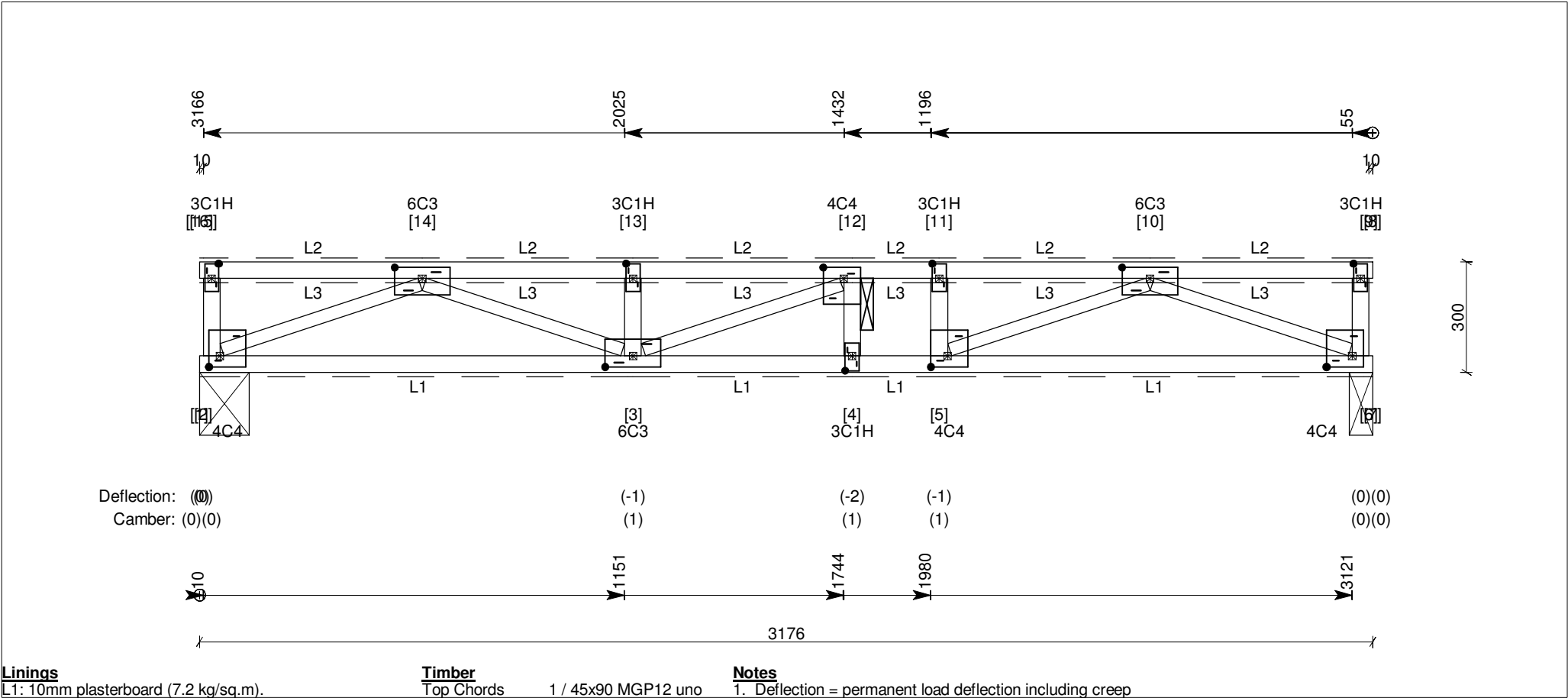
TRUSS DETAILS (DESIGN)

Job Ref: 16-1021B

Truss Reference : FT3 (Single Floor Truss)

Date created: 17 May 2017
Page No: 7

Truss type: Standard Floor No. plies: 1x90mm Design spacing: 450mm No. of : 1 Building type: Residential (Important) 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 (2-14)	1 / 35x90 MGP10
WB3 (3-14)	1 / 35x90 MGP10
WB5 (3-12)	1 / 35x90 MGP10
WB8 (5-10)	1 / 35x90 MGP10
WB9 (6-10)	1 / 35x90 MGP10

Notes

- Deflection = permanent load deflection including creep (negative = downward movement).
- 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	135	0.7 kN	2.3 kN (Gc+Q2f)	No uplift	-	-
6	Beam Int	63	0.7 kN	2.3 kN (Gc+Q2f)	No uplift	-	-

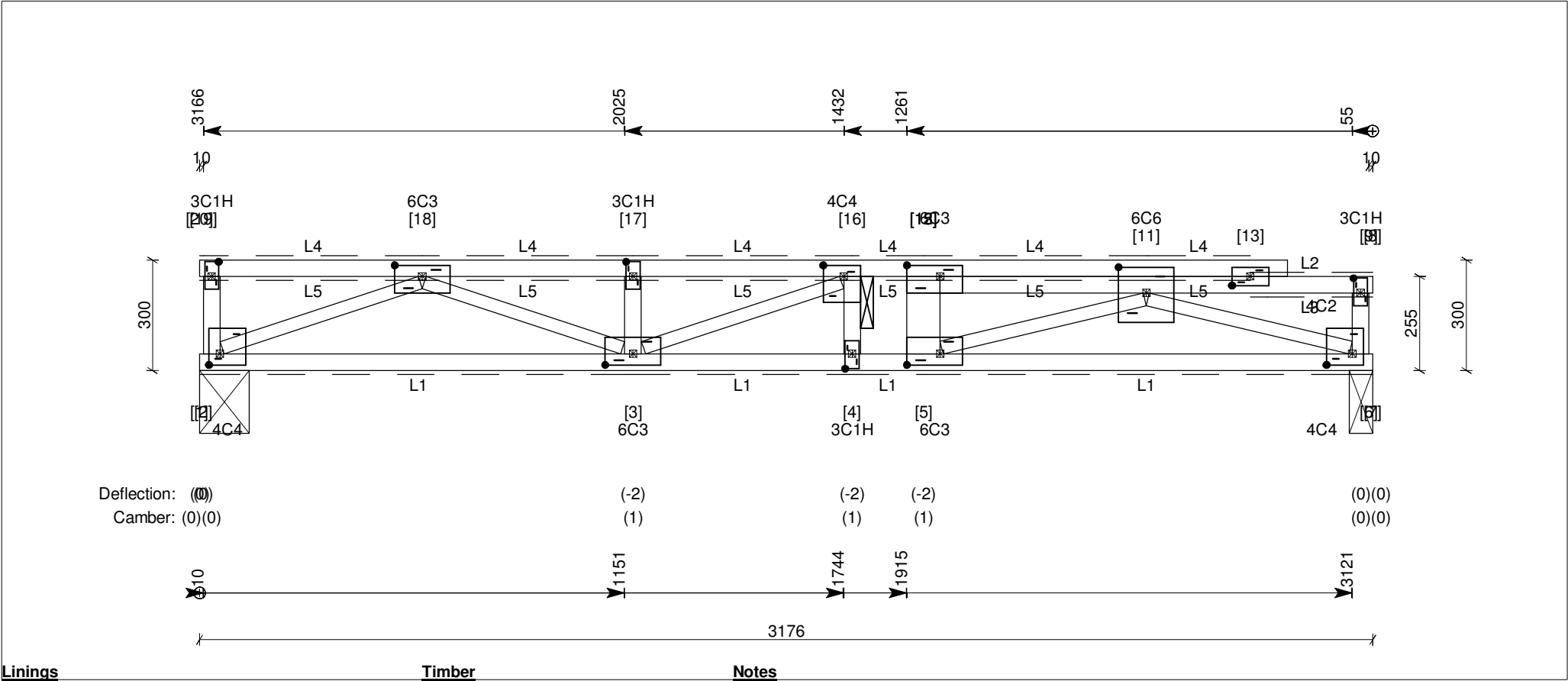
TRUSS DETAILS (DESIGN)

Job Ref: 16-1021B

Truss Reference : FT4 (Single Floor Truss)

Date created: 17 May 2017
Page No: 8

Truss type: Standard Floor No. plies: 1x90mm Design spacing: 450mm No. of : 4 Building type: Residential (Important) 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 fibre cement 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
TC2 (13-20)	1 / 45x90 MGP10
WB1 (2-19)	1 / 45x90 MGP10
WB4 (3-17)	1 / 45x90 MGP10
WB6 (4-16)	1 / 45x90 MGP10
WB7 (5-15)	1 / 90x90 MGP10
WB10 (6-9)	1 / 45x90 MGP10

Notes

- Deflection = permanent load deflection including creep (negative = downward movement).
- 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	135	0.7 kN	2.3 kN (Gc+Q2f)	No uplift	-	-
6	Beam Int	63	0.8 kN	2.4 kN (Gc+Qj)	No uplift	-	-

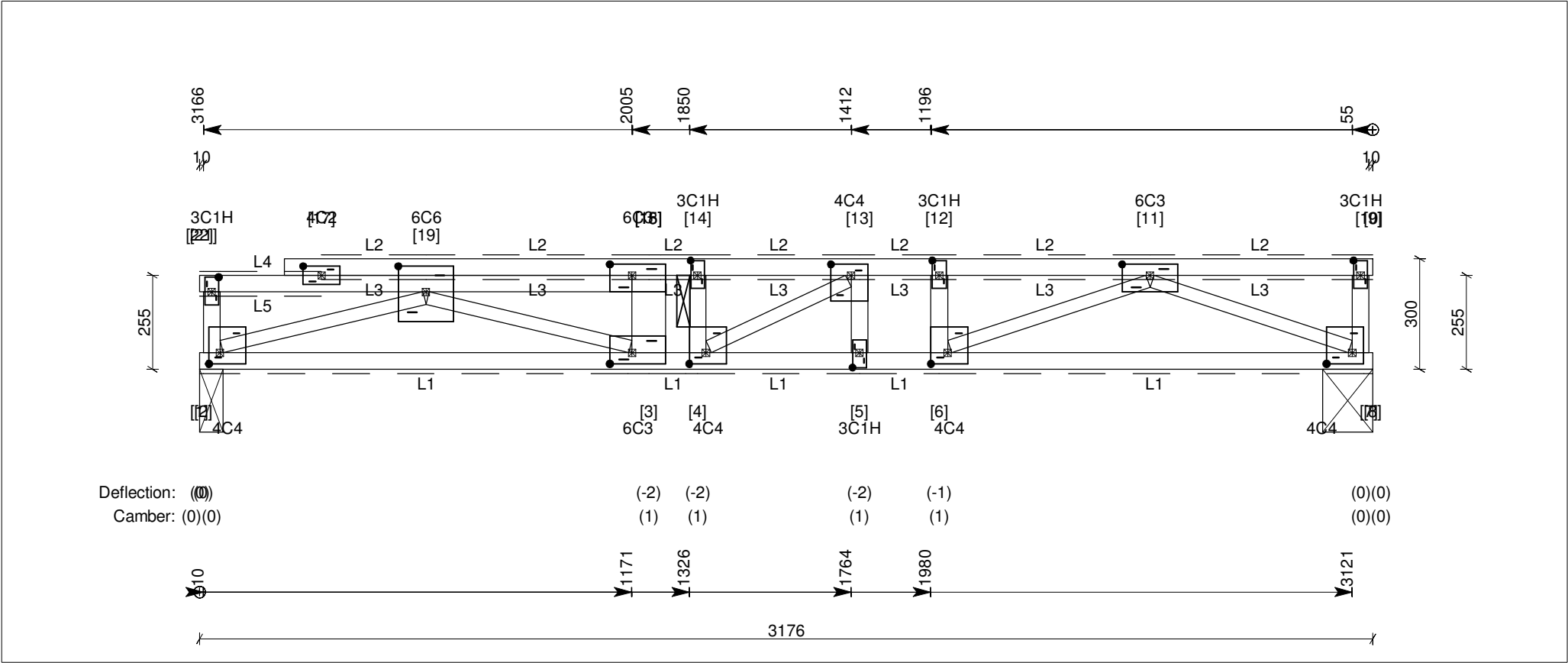
TRUSS DETAILS (DESIGN)

Job Ref: 16-1021B

Truss Reference : FT17 (Single Floor Truss)

Date created: 17 May 2017
Page No: 10

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



Linings		Timber		Notes	
L1:	10mm plasterboard (7.2 kg/sq.m). Battens @ 600mm.	Top Chords	1 / 45x90 MGP12 uno	1.	Deflection = permanent load deflection including creep (negative = downward movement).
L2:	75mm Hebel SoundFloor (51.0 kg/sq.m). Direct (nail/screw restraint) @ 600mm.	Bottom Chords	1 / 45x90 MGP12 uno	2.	Refer to "Guide to Installation - Pryda floor truss and rafter truss systems."
L3:	Normal (carpet, etc) (3.0 kg/sq.m).	Webs	1 / 45x90 MGP10 uno		
L4:	18mm fibrecement sheet (wet areas) (34.0 kg/sq.m). Direct (nail/screw restraint) @ 450mm.	TC2 (18-22)	1 / 45x90 MGP10		
L5:	Ceramic tiles on 40mm mortar bed (60.0 kg/sq.m).	WB2 (2-19)	1 / 35x90 MGP10		
		WB3 (3-19)	1 / 35x90 MGP10		
		WB4 (3-15)	1 / 90x90 MGP10		
		WB6 (4-13)	1 / 35x90 MGP10		
		WB9 (6-11)	1 / 35x90 MGP10		
		WB10 (7-11)	1 / 35x90 MGP10		

Major supports and factored reactions								
Joint	Type	Width	Perm.	Max. down (LC)	Uplift	Tie-down	Connector	
2	Beam Int	63	0.8 kN	2.4 kN (Gc+Qj)	No uplift	-	-	
7	Beam Int	135	0.7 kN	2.3 kN (Gc+Q2f)	No uplift	-	-	

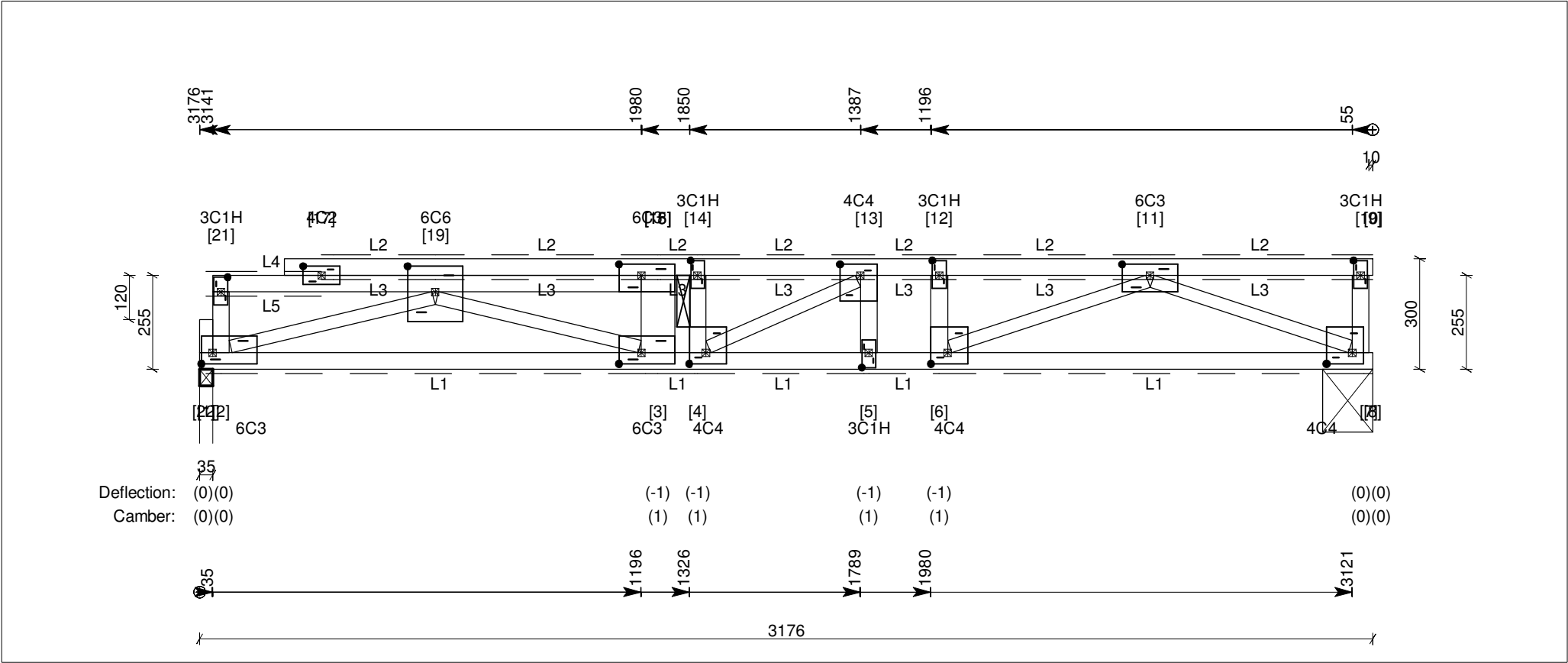
TRUSS DETAILS (DESIGN)

Job Ref: 16-1021B

Truss Reference : FT18 (Single Floor Truss)

Date created: 17 May 2017
Page No: 11

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



Linings		Timber		Notes	
L1:	10mm plasterboard (7.2 kg/sq.m). Battens @ 600mm.	Top Chords	1 / 45x90 MGP12 uno	1. Deflection = permanent load deflection including creep (negative = downward movement).	
L2:	75mm Hebel SoundFloor (51.0 kg/sq.m). Direct (nail/screw restraint) @ 600mm.	Bottom Chords	1 / 45x90 MGP12 uno	2. Refer to "Guide to Installation - Pryda floor truss and rafter truss systems."	
L3:	Normal (carpet, etc) (3.0 kg/sq.m).	Webs	1 / 45x90 MGP10 uno		
L4:	18mm fibrecement sheet (wet areas) (34.0 kg/sq.m). Direct (nail/screw restraint) @ 450mm.	TC2 (18-22)	1 / 45x90 MGP10		
L5:	Ceramic tiles on 40mm mortar bed (60.0 kg/sq.m).	WB3 (2-19)	1 / 35x90 MGP10		
		WB4 (3-19)	1 / 35x90 MGP10		
		WB5 (3-15)	1 / 90x90 MGP10		
		WB7 (4-13)	1 / 35x90 MGP10		
		WB10 (6-11)	1 / 35x90 MGP10		
		WB11 (7-11)	1 / 35x90 MGP10		

Major supports and factored reactions								
Joint	Type	Width	Perm.	Max. down (LC)	Uplift	Tie-down	Connector	
2	Wall Int	35	0.8 kN	2.8 kN (Gc+Qj)	No uplift	-	-	
7	Beam Int	135	0.7 kN	2.3 kN (Gc+Qj)	No uplift	-	-	

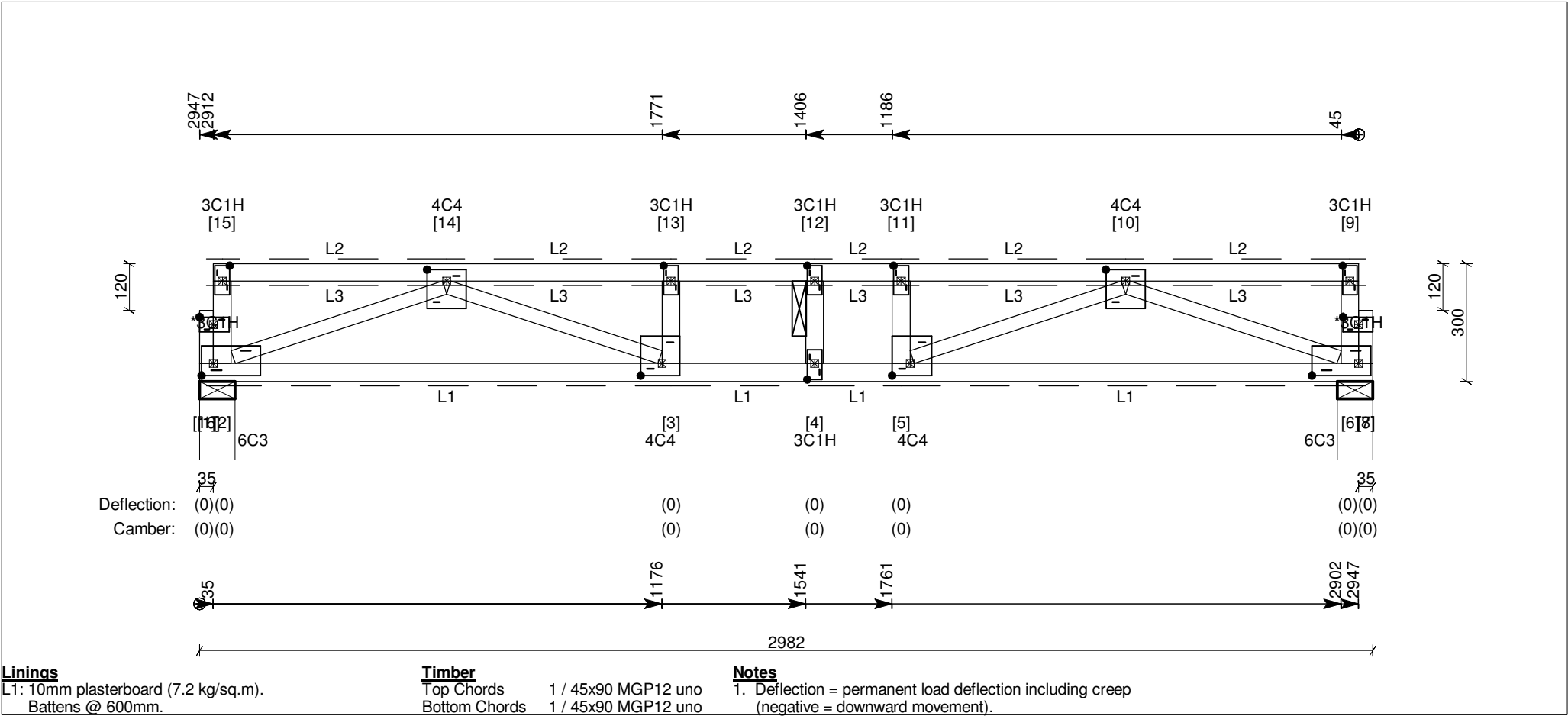
TRUSS DETAILS (DESIGN)

Job Ref: 16-1021B

Truss Reference : FT24 (Single Floor Truss)

Date created: 17 May 2017
Page No: 12

Truss type: Standard Floor No. plies: 1x90mm Design spacing: 450mm No. of : 1 Building type: Residential (Important) 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 (2-14)	1 / 35x90 MGP10
WB4 (3-14)	1 / 35x90 MGP10
WB8 (5-10)	1 / 35x90 MGP10
WB9 (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
2	Wall Int	90	0.3 kN	2.1 kN (Gc+Qj)	No uplift	-	-
6	Wall Int	90	0.3 kN	2.1 kN (Gc+Qj)	No uplift	-	-

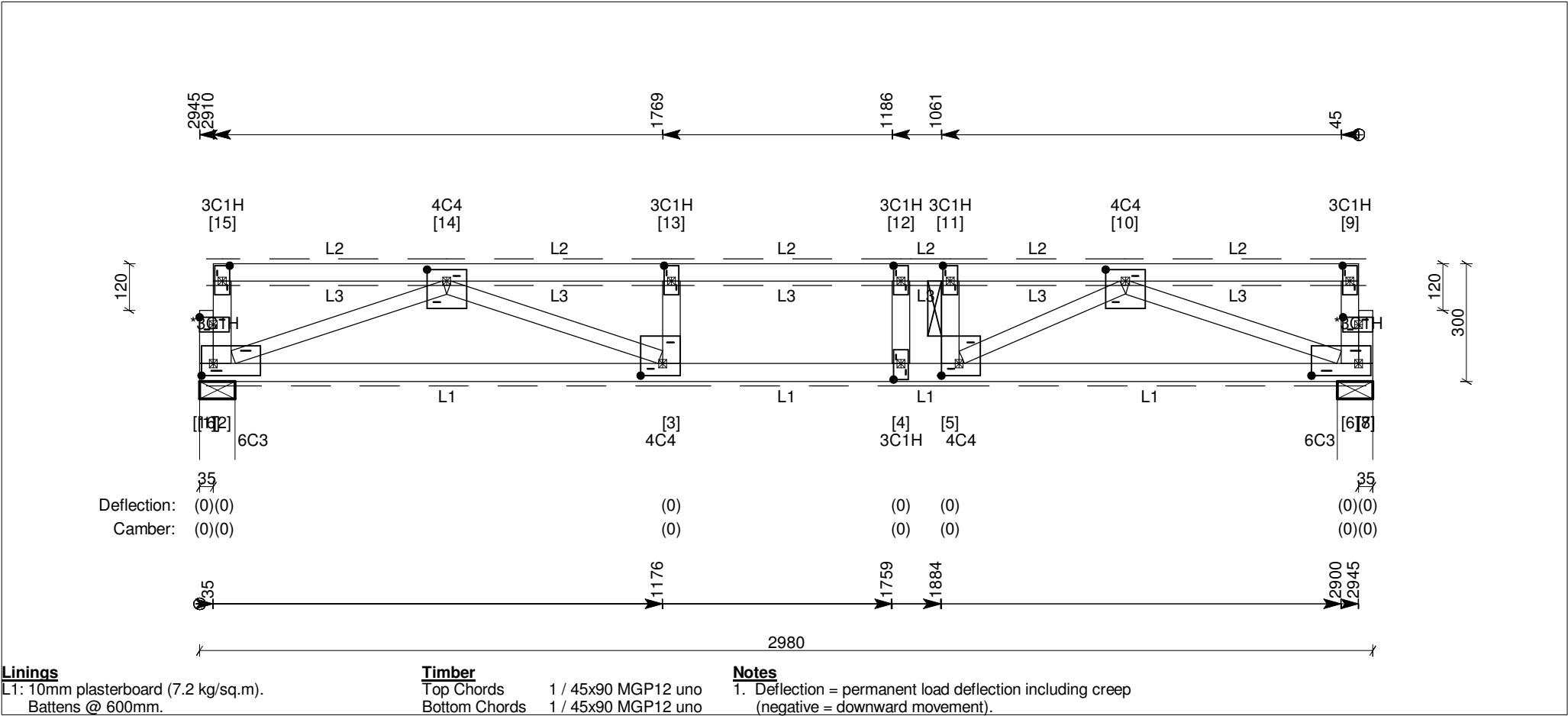
TRUSS DETAILS (DESIGN)

Job Ref: 16-1021B

Truss Reference : FT20 (Single Floor Truss)

Date created: 17 May 2017
Page No: 13

Truss type: Standard Floor No. plies: 1x90mm Design spacing: 450mm No. of : 1 Building type: Residential (Important) 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 (2-14)	1 / 35x90 MGP10
WB4 (3-14)	1 / 35x90 MGP10
WB8 (5-10)	1 / 35x90 MGP10
WB9 (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
2	Wall Int	90	0.3 kN	2.1 kN (Gc+Qj)	No uplift	-	-
6	Wall Int	90	0.2 kN	2.0 kN (Gc+Qj)	No uplift	-	-

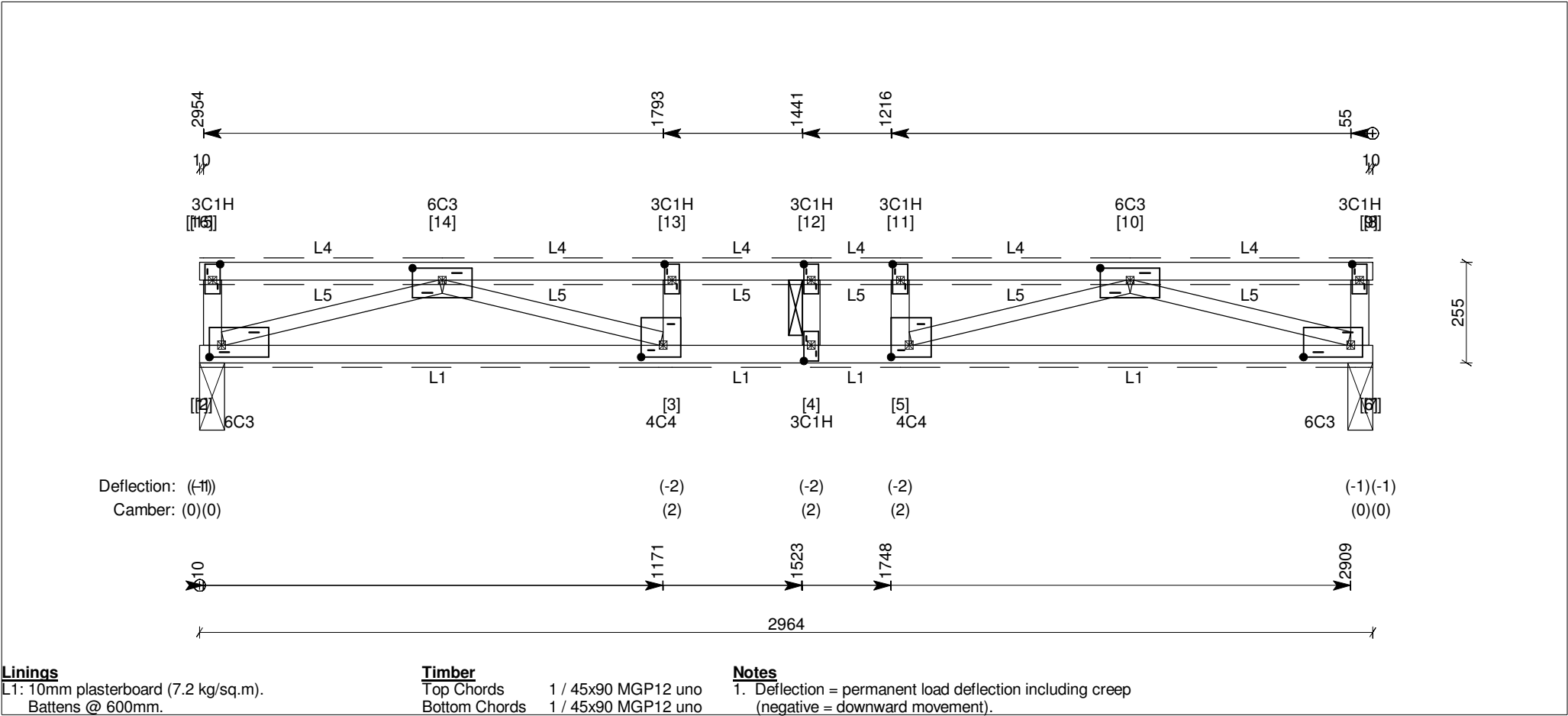
TRUSS DETAILS (DESIGN)

Job Ref: 16-1021B

Truss Reference : FT25 (Single Floor Truss)

Date created: 17 May 2017
Page No: 14

Truss type: Standard Floor No. plies: 1x90mm Design spacing: 450mm No. of : 4 Building type: Residential (Important) 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 (2-14)	1 / 35x90 MGP10
WB3 (3-14)	1 / 35x90 MGP10
WB7 (5-10)	1 / 35x90 MGP10
WB8 (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
2	Beam Int	63	1.0 kN	3.1 kN (Gc+Qj)	No uplift	-	-
6	Beam Int	63	1.0 kN	3.0 kN (Gc+Qj)	No uplift	-	-

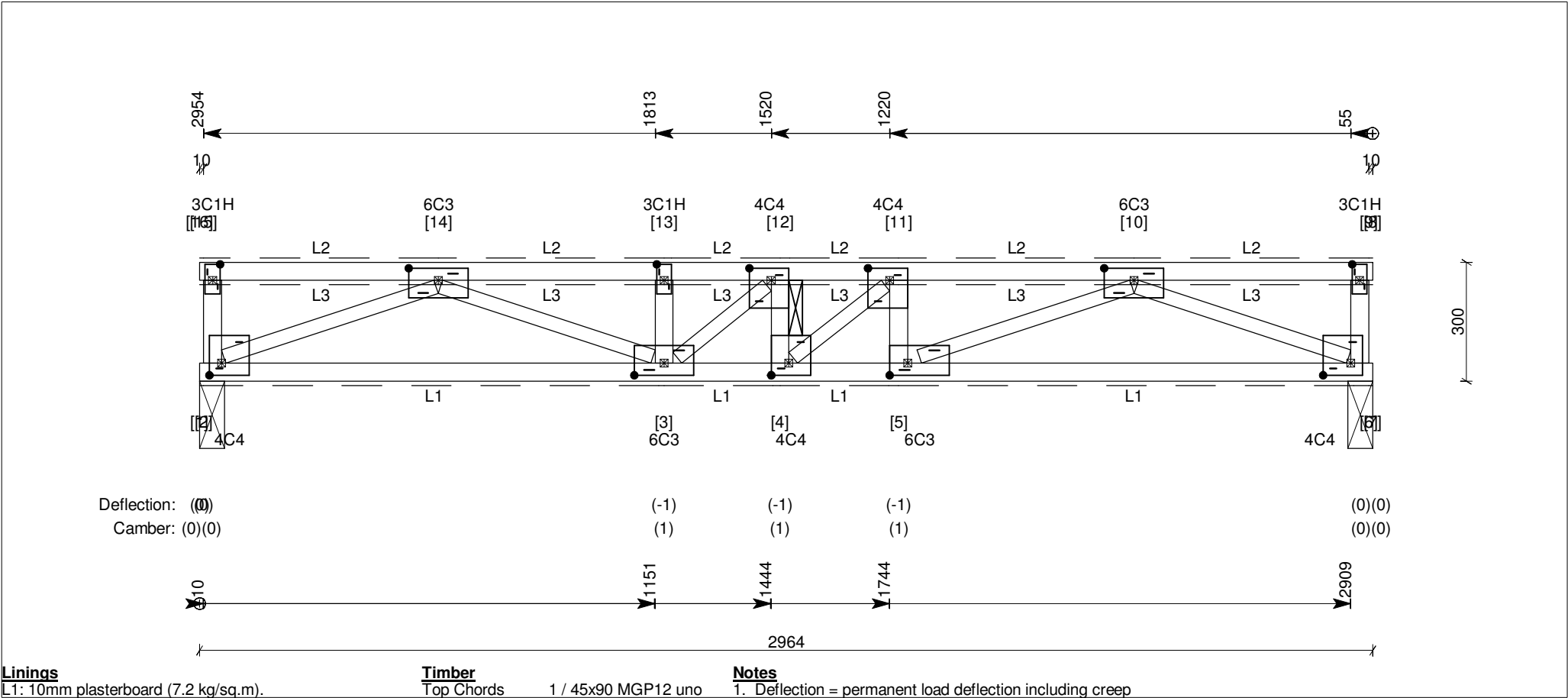
TRUSS DETAILS (DESIGN)

Job Ref: 16-1021B

Truss Reference : FT26 (Single Floor Truss)

Date created: 17 May 2017
Page No: 15

Truss type: Standard Floor No. plies: 1x90mm Design spacing: 450mm No. of : 3 Building type: Residential (Important) 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 (2-15)	1 / 45x90 MGP10
WB4 (3-13)	1 / 45x90 MGP10
WB6 (4-12)	1 / 45x90 MGP10
WB8 (5-11)	1 / 45x90 MGP10
WB11 (6-9)	1 / 45x90 MGP10

Notes

- Deflection = permanent load deflection including creep (negative = downward movement).
- 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	63	0.7 kN	2.2 kN (Gc+Qj)	No uplift	-	-
6	Beam Int	63	0.7 kN	2.2 kN (Gc+Qj)	No uplift	-	-

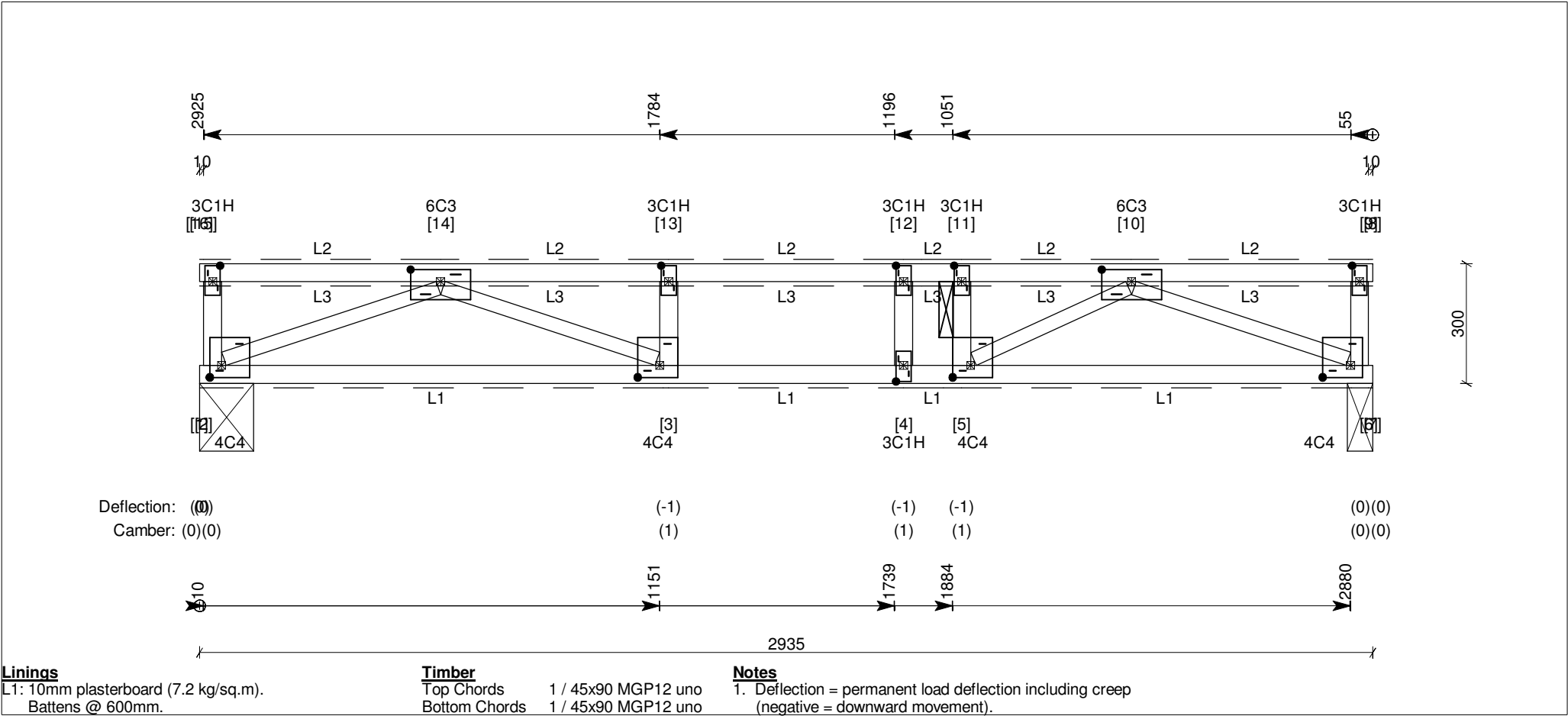
TRUSS DETAILS (DESIGN)

Job Ref: 16-1021B

Truss Reference : FT22 (Single Floor Truss)

Date created: 17 May 2017
Page No: 16

Truss type: Standard Floor No. plies: 1x90mm Design spacing: 450mm No. of : 5 Building type: Residential (Important) 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 (2-14)	1 / 35x90 MGP10
WB3 (3-14)	1 / 35x90 MGP10
WB7 (5-10)	1 / 35x90 MGP10
WB8 (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
2	Beam Int	135	0.7 kN	2.2 kN (Gc+Qj)	No uplift	-	-
6	Beam Int	63	0.7 kN	2.2 kN (Gc+Qj)	No uplift	-	-

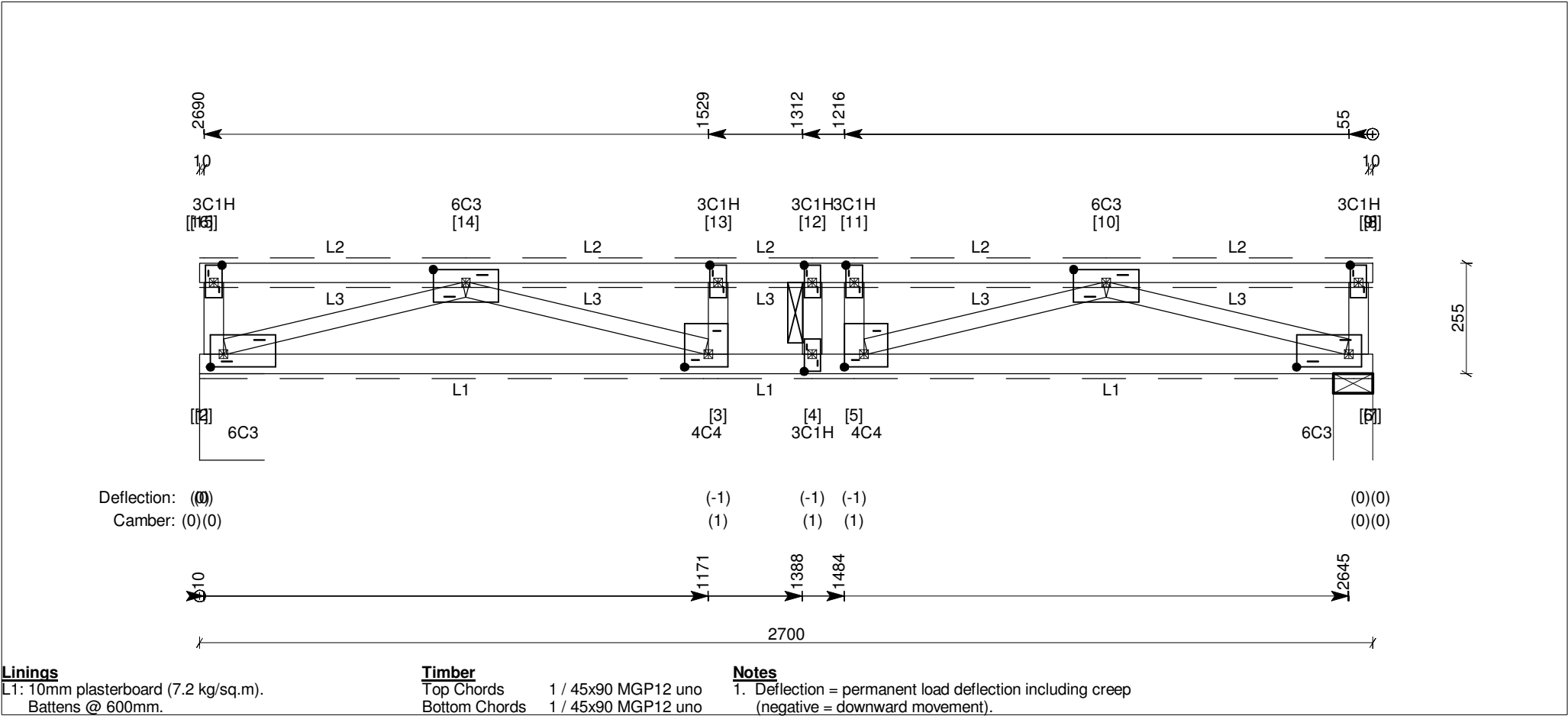
TRUSS DETAILS (DESIGN)

Job Ref: 16-1021B

Truss Reference : FT19 (Single Floor Truss)

Date created: 17 May 2017
Page No: 17

Truss type: Standard Floor No. plies: 1x90mm Design spacing: 450mm No. of : 1 Building type: Residential (Important) 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 fibre cement 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 (2-14)	1 / 35x90 MGP10
WB3 (3-14)	1 / 35x90 MGP10
WB7 (5-10)	1 / 35x90 MGP10
WB8 (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
2	Steel/Conc Int	149	0.9 kN	3.3 kN (Gc+Qj)	No uplift	-	-
6	Wall Int	90	0.9 kN	3.4 kN (Gc+Qj)	No uplift	-	-

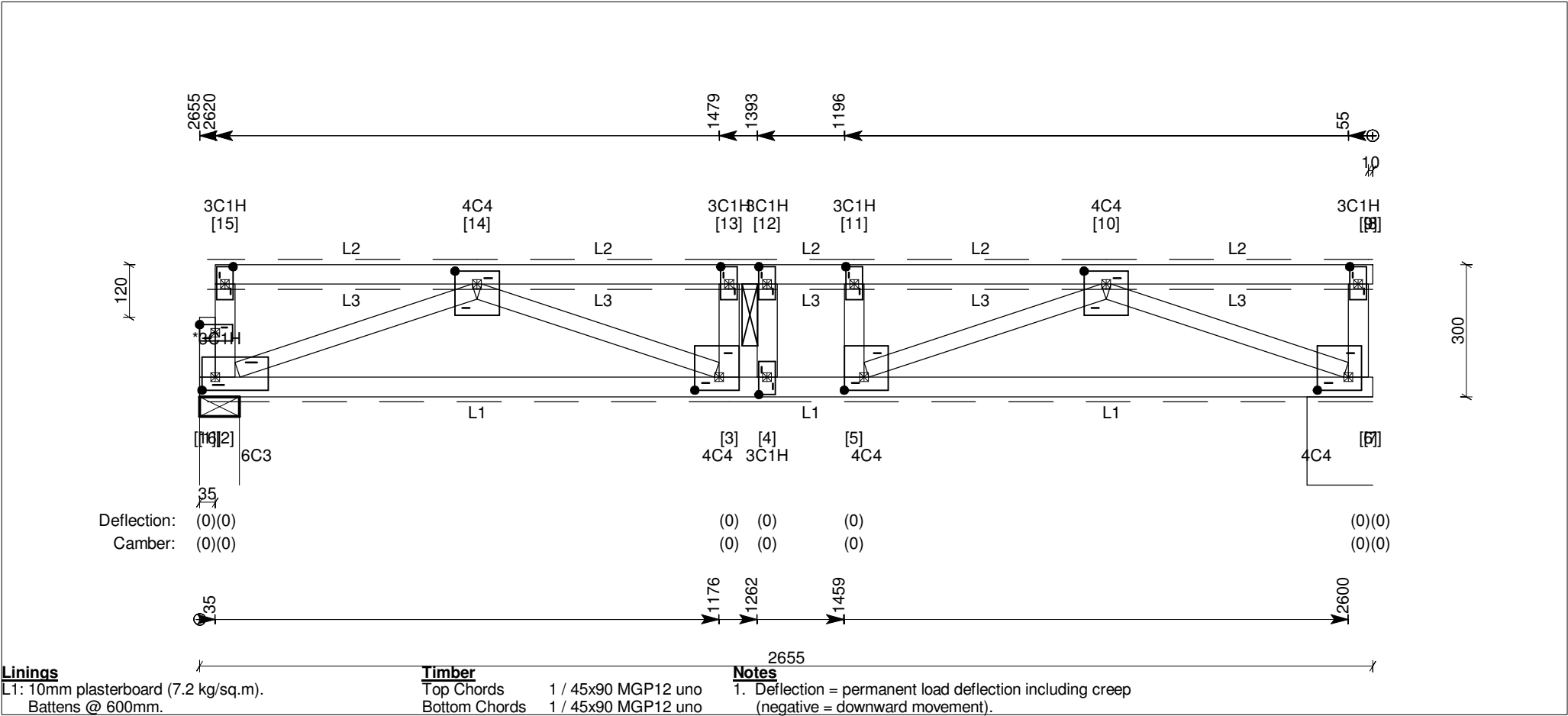
TRUSS DETAILS (DESIGN)

Job Ref: 16-1021B

Truss Reference : FT8 (Single Floor Truss)

Date created: 17 May 2017
Page No: 18

Truss type: Standard Floor No. plies: 1x90mm Design spacing: 450mm No. of : 1 Building type: Residential (Important) 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 (2-14)	1 / 35x90 MGP10
WB4 (3-14)	1 / 35x90 MGP10
WB8 (5-10)	1 / 35x90 MGP10
WB9 (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
2	Wall Int	90	0.3 kN	2.1 kN (Gc+Qj)	No uplift	-	-
6	Steel/Conc Int	149	0.2 kN	1.9 kN (Gc+Qj)	No uplift	-	-

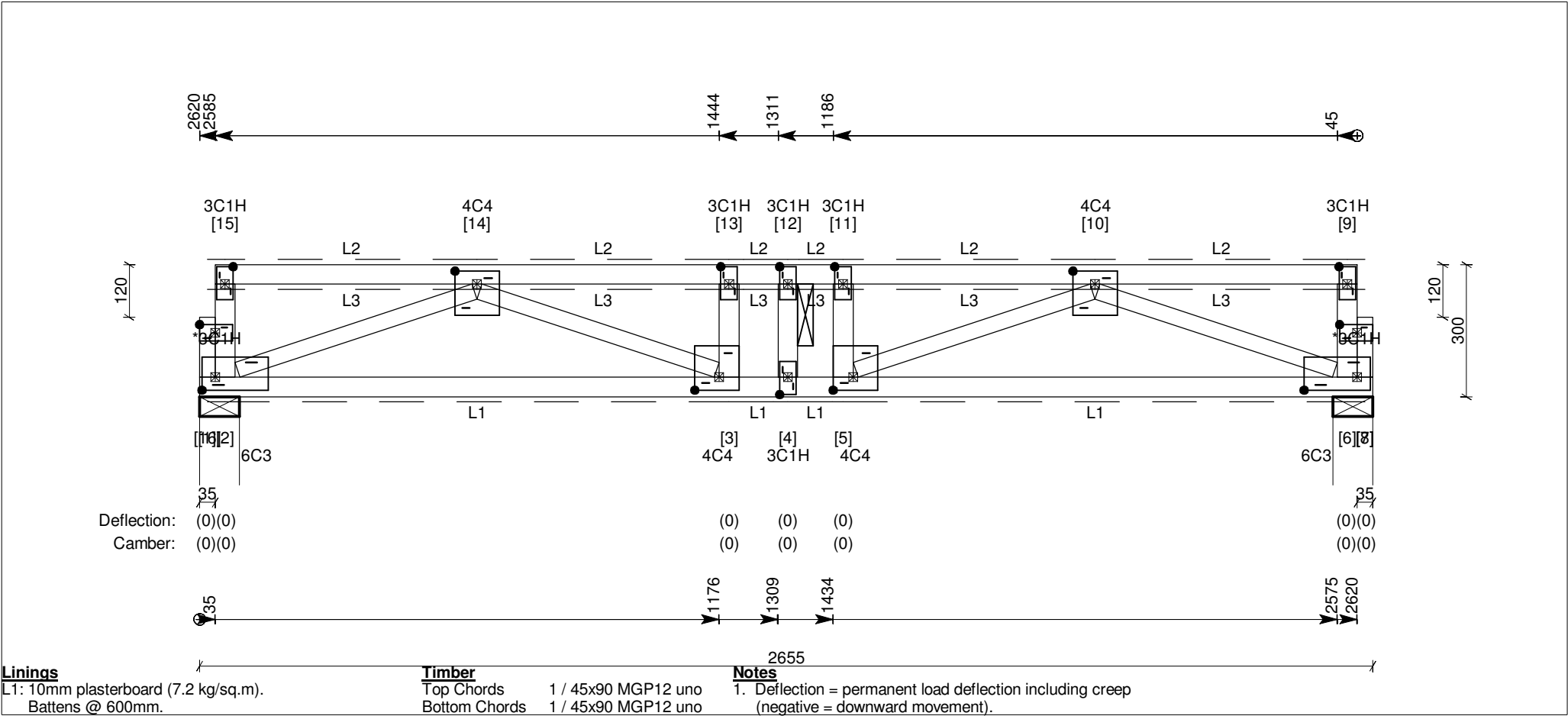
TRUSS DETAILS (DESIGN)

Job Ref: 16-1021B

Truss Reference : FT9 (Single Floor Truss)

Date created: 17 May 2017
Page No: 19

Truss type: Standard Floor No. plies: 1x90mm Design spacing: 450mm No. of : 1 Building type: Residential (Important) 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 (2-14)	1 / 35x90 MGP10
WB4 (3-14)	1 / 35x90 MGP10
WB8 (5-10)	1 / 35x90 MGP10
WB9 (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
2	Wall Int	90	0.3 kN	2.1 kN (Gc+Qj)	No uplift	-	-
6	Wall Int	90	0.3 kN	2.1 kN (Gc+Qj)	No uplift	-	-

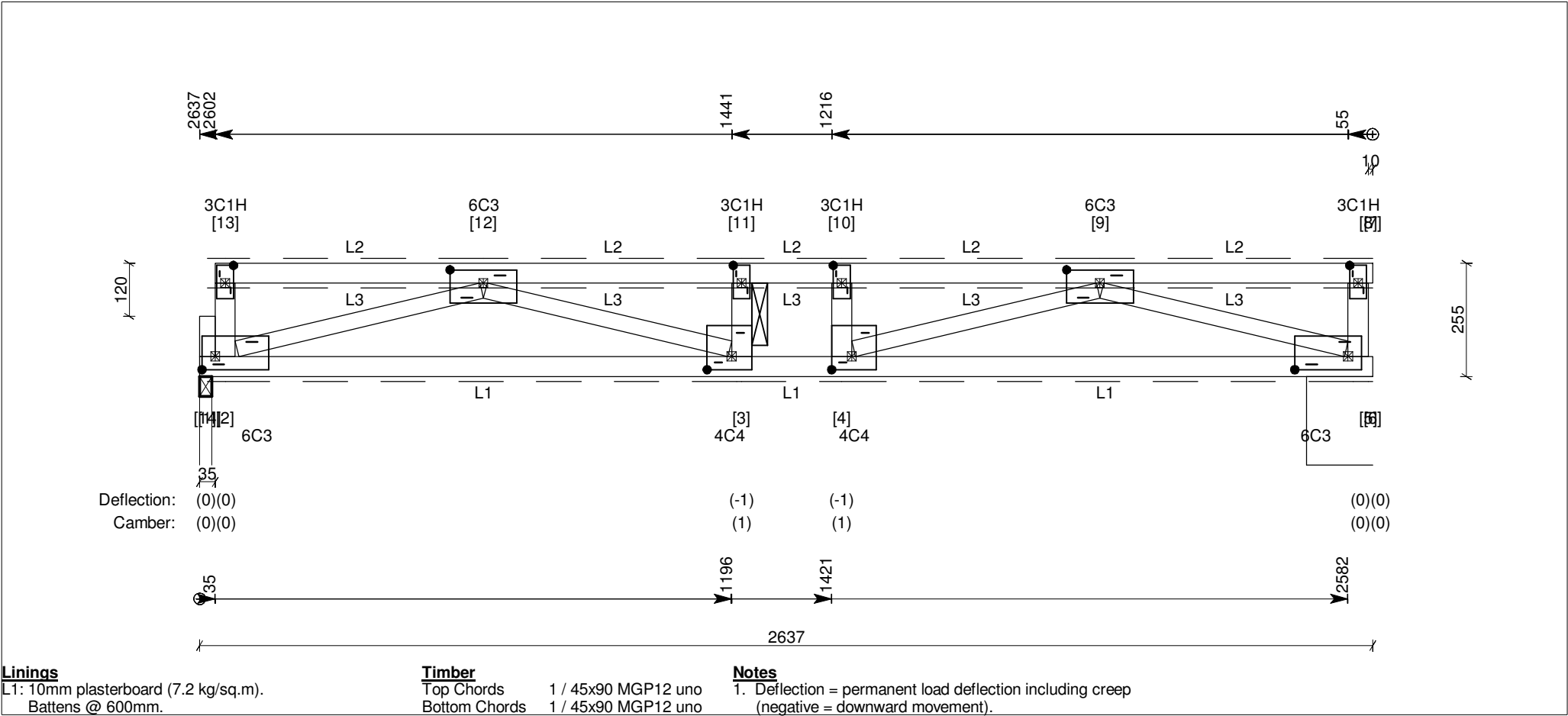
TRUSS DETAILS (DESIGN)

Job Ref: 16-1021B

Truss Reference : FT5 (Single Floor Truss)

Date created: 17 May 2017
Page No: 20

Truss type: Standard Floor No. plies: 1x90mm Design spacing: 450mm No. of : 2 Building type: Residential (Important) 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 fibre cement 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
WB3 (2-12)	1 / 35x90 MGP10
WB4 (3-12)	1 / 35x90 MGP10
WB7 (4-9)	1 / 35x90 MGP10
WB8 (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	Wall Int	27	0.9 kN	3.4 kN (Gc+Qj)	No uplift	-	-
5	Steel/Conc Int	149	0.9 kN	3.3 kN (Gc+Qj)	No uplift	-	-

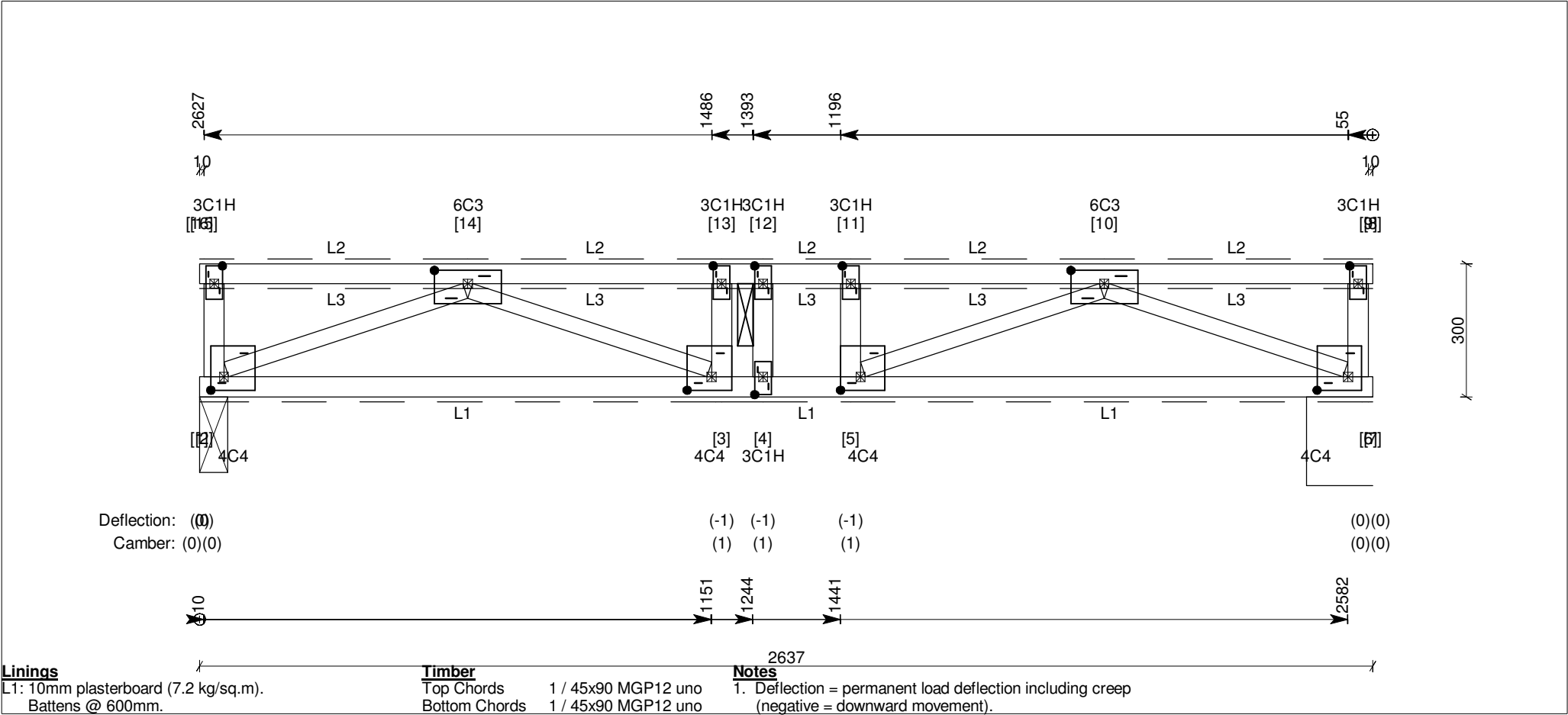
TRUSS DETAILS (DESIGN)

Job Ref: 16-1021B

Truss Reference : FT6 (Single Floor Truss)

Date created: 17 May 2017
Page No: 21

Truss type: Standard Floor No. plies: 1x90mm Design spacing: 450mm No. of : 1 Building type: Residential (Important) 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 (2-14)	1 / 35x90 MGP10
WB3 (3-14)	1 / 35x90 MGP10
WB7 (5-10)	1 / 35x90 MGP10
WB8 (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
2	Beam Int	63	0.6 kN	2.2 kN (Gc+Qj)	No uplift	-	-
6	Steel/Conc Int	149	0.6 kN	2.4 kN (Gc+Qj)	No uplift	-	-

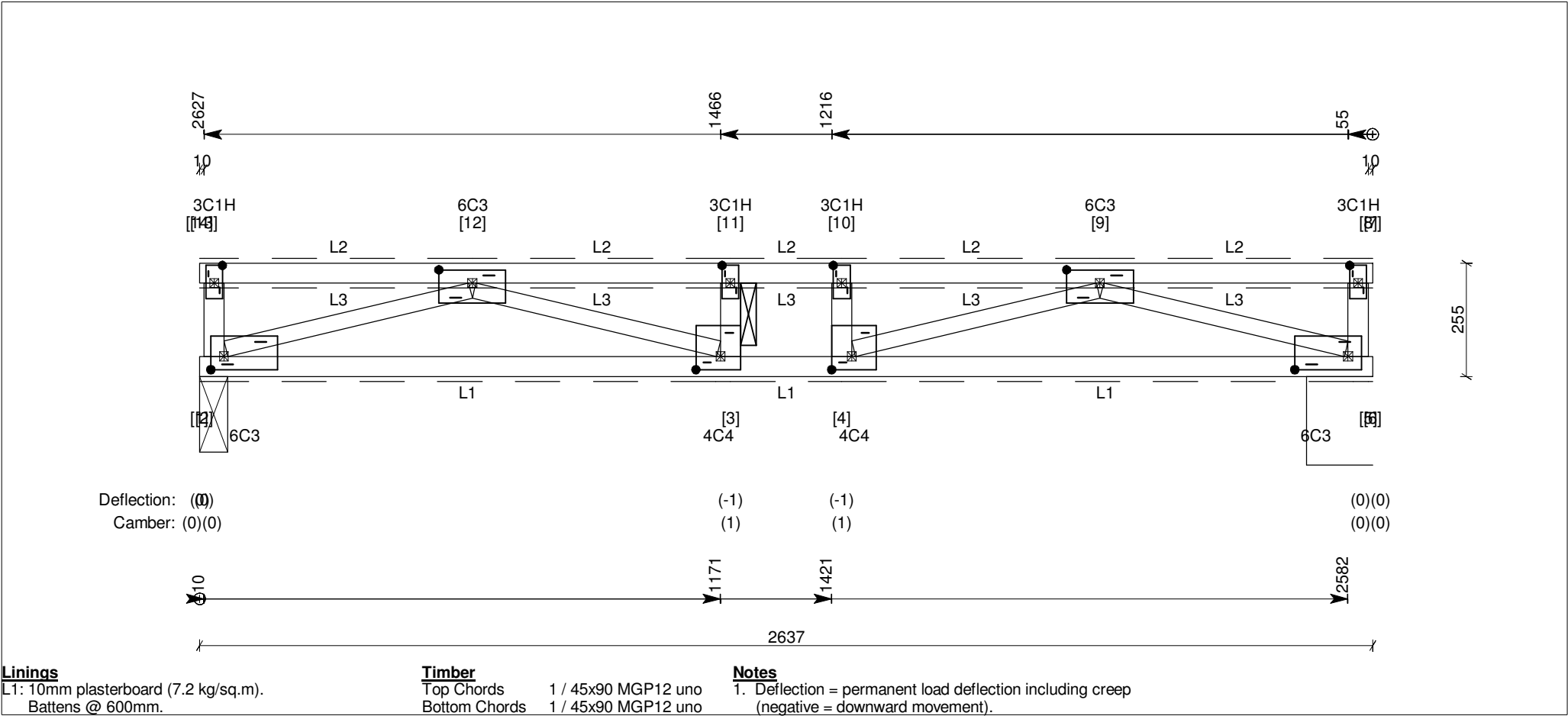
TRUSS DETAILS (DESIGN)

Job Ref: 16-1021B

Truss Reference : FT7 (Single Floor Truss)

Date created: 17 May 2017
Page No: 22

Truss type: Standard Floor No. plies: 1x90mm Design spacing: 450mm No. of : 2 Building type: Residential (Important) 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 fibre cement 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 (2-12)	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	Beam Int	63	0.9 kN	3.1 kN (Gc+Qj)	No uplift	-	-
5	Steel/Conc Int	149	0.9 kN	3.3 kN (Gc+Qj)	No uplift	-	-

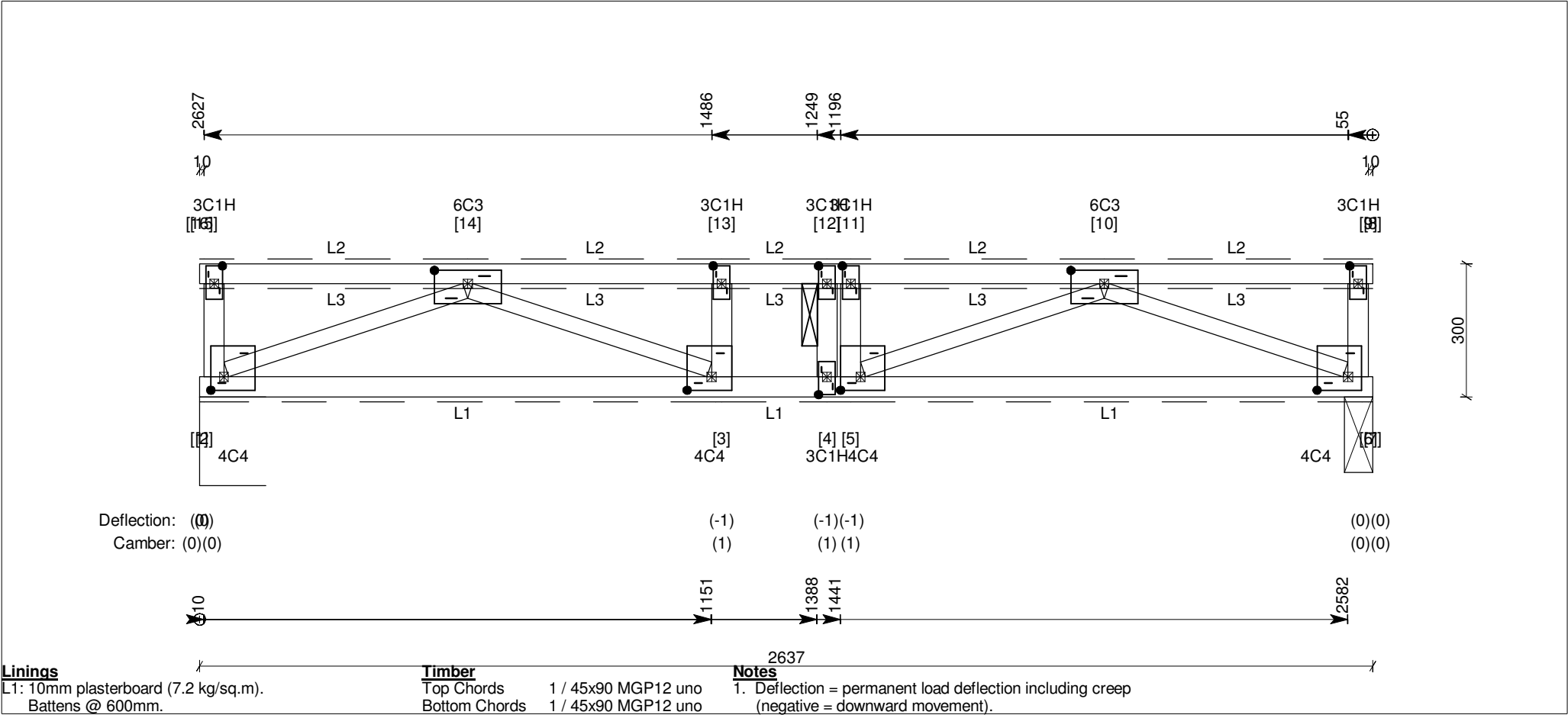
TRUSS DETAILS (DESIGN)

Job Ref: 16-1021B

Truss Reference : FT11 (Single Floor Truss)

Date created: 17 May 2017
Page No: 23

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



Linings	Timber	Notes						
L1: 10mm plasterboard (7.2 kg/sq.m). Battens @ 600mm.	Top Chords Bottom Chords	1 / 45x90 MGP12 uno 1 / 45x90 MGP12 uno						
L2: 75mm Hebel SoundFloor (51.0 kg/sq.m). Direct (nail/screw restraint) @ 600mm.	Webs	1 / 45x90 MGP10 uno						
L3: Normal (carpet, etc) (3.0 kg/sq.m).								
	WB2 (2-14) WB3 (3-14) WB7 (5-10) WB8 (6-10)	1 / 35x90 MGP10 1 / 35x90 MGP10 1 / 35x90 MGP10 1 / 35x90 MGP10						
	Major supports and factored reactions							
	Joint	Type	Width	Perm.	Max. down (LC)	Uplift	Tie-down	Connector
	2	Steel/Conc Int	149	0.6 kN	2.4 kN (Gc+Qj)	No uplift	-	-
	6	Beam Int	63	0.6 kN	2.2 kN (Gc+Qj)	No uplift	-	-

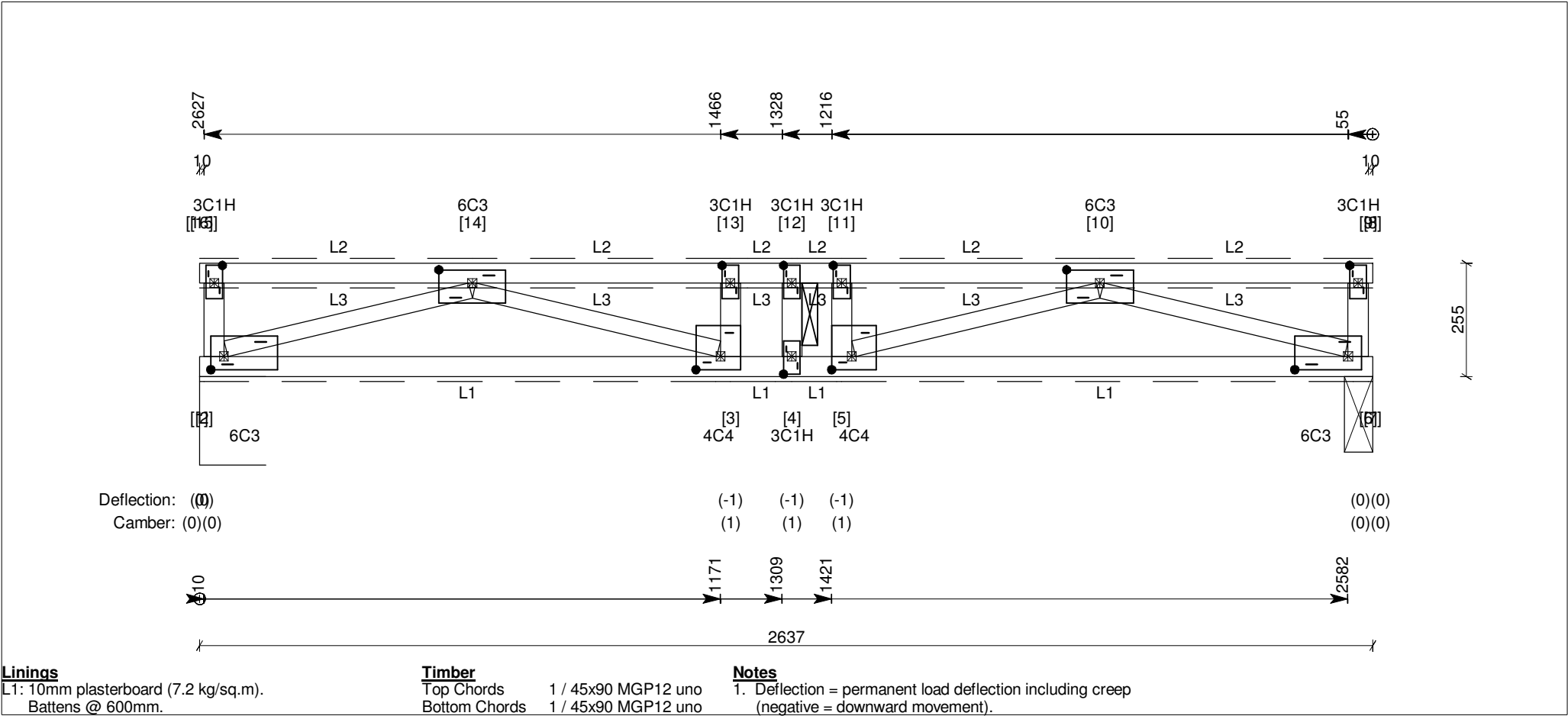
TRUSS DETAILS (DESIGN)

Job Ref: 16-1021B

Truss Reference : FT12 (Single Floor Truss)

Date created: 17 May 2017
Page No: 24

Truss type: Standard Floor No. plies: 1x90mm Design spacing: 450mm No. of : 1 Building type: Residential (Important) 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 fibre cement 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 (2-14)	1 / 35x90 MGP10
WB3 (3-14)	1 / 35x90 MGP10
WB7 (5-10)	1 / 35x90 MGP10
WB8 (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
2	Steel/Conc Int	149	0.9 kN	3.3 kN (Gc+Qj)	No uplift	-	-
6	Beam Int	63	0.9 kN	3.1 kN (Gc+Qj)	No uplift	-	-

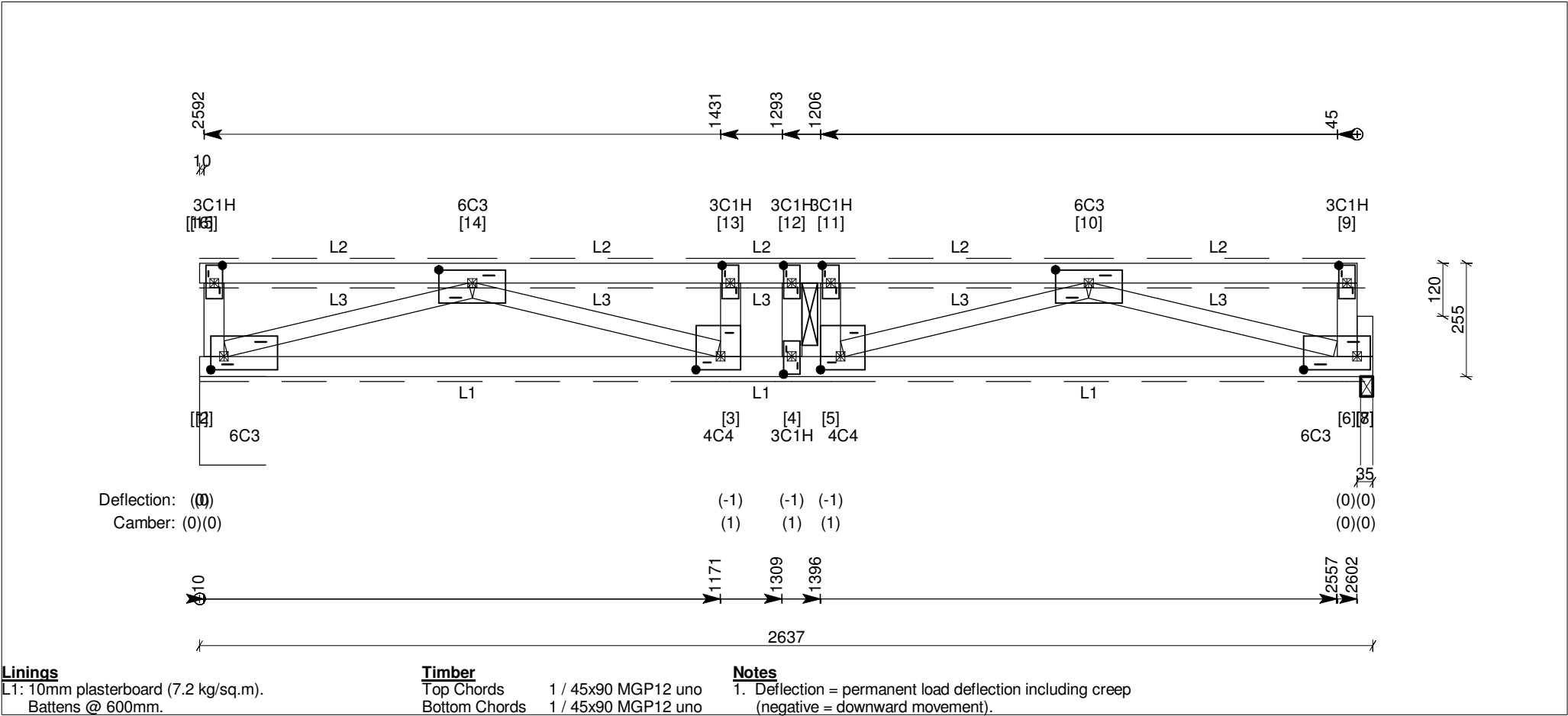
TRUSS DETAILS (DESIGN)

Job Ref: 16-1021B

Truss Reference : FT13 (Single Floor Truss)

Date created: 17 May 2017
Page No: 25

Truss type: Standard Floor No. plies: 1x90mm Design spacing: 450mm No. of : 1 Building type: Residential (Important) 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 fibre cement 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 (2-14)	1 / 35x90 MGP10
WB3 (3-14)	1 / 35x90 MGP10
WB7 (5-10)	1 / 35x90 MGP10
WB8 (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						Uplift	Tie-down	Connector
Joint	Type	Width	Perm.	Max. down (LC)				
2	Steel/Conc Int	149	0.9 kN	3.3 kN (Gc+Qj)		No uplift	-	-
6	Wall Int	27	0.9 kN	3.4 kN (Gc+Qj)		No uplift	-	-

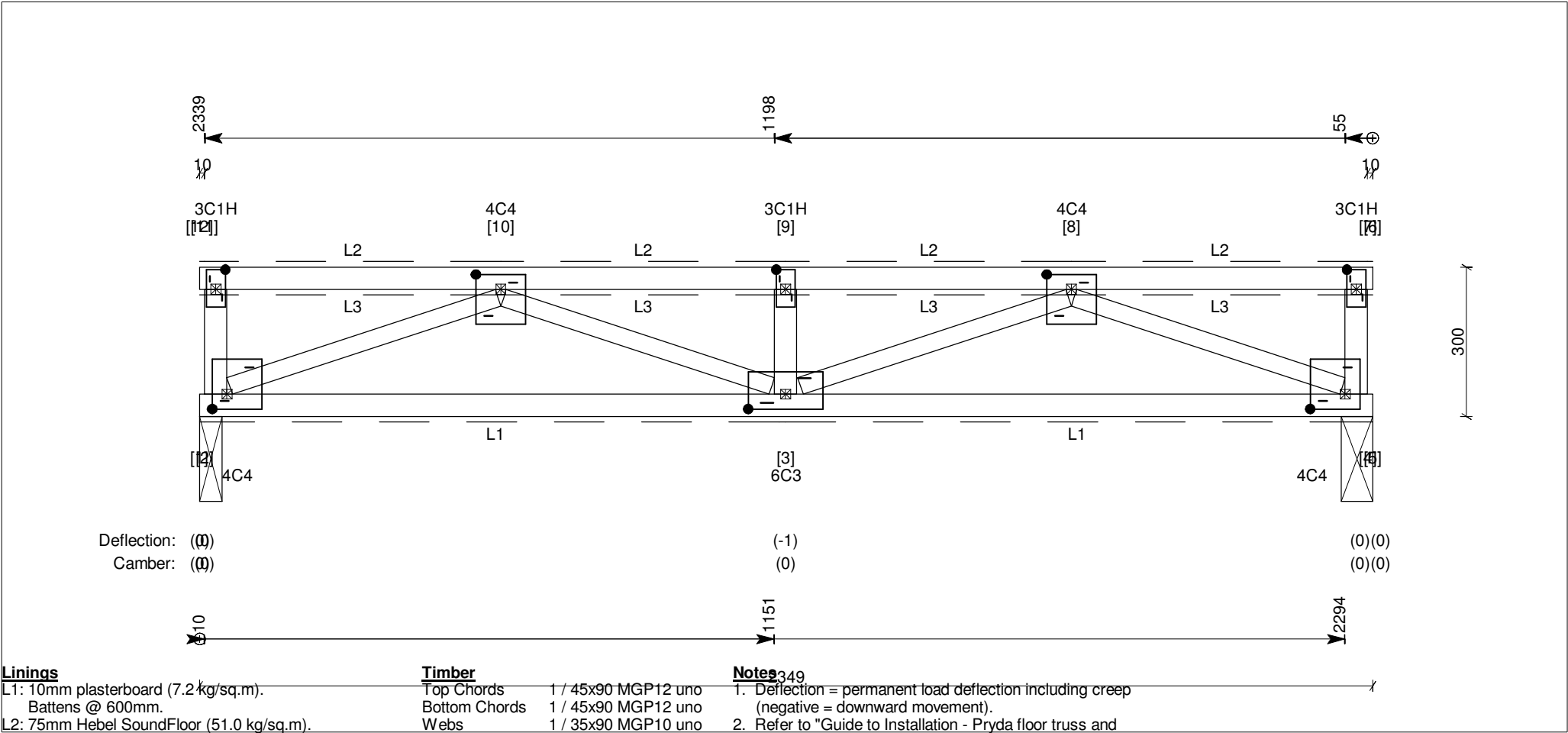
TRUSS DETAILS (DESIGN)

Job Ref: 16-1021B

Truss Reference : FT23 (Single Floor Truss)

Date created: 17 May 2017
Page No: 26

Truss type: Standard Floor No. plies: 1x90mm Design spacing: 450mm No. of : 2 Building type: Residential (Important) 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 (2-11) 1 / 45x90 MGP10
WB4 (3-9) 1 / 45x90 MGP10
WB7 (4-7) 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."

Major supports and factored reactions

Joint	Type	Width	Perm.	Max. down (LC)	Uplift	Tie-down	Connector
2	Beam Int	45	0.5 kN	2.1 kN (Gc+Qj)	No uplift	-	-
4	Beam Int	63	0.5 kN	2.1 kN (Gc+Qj)	No uplift	-	-