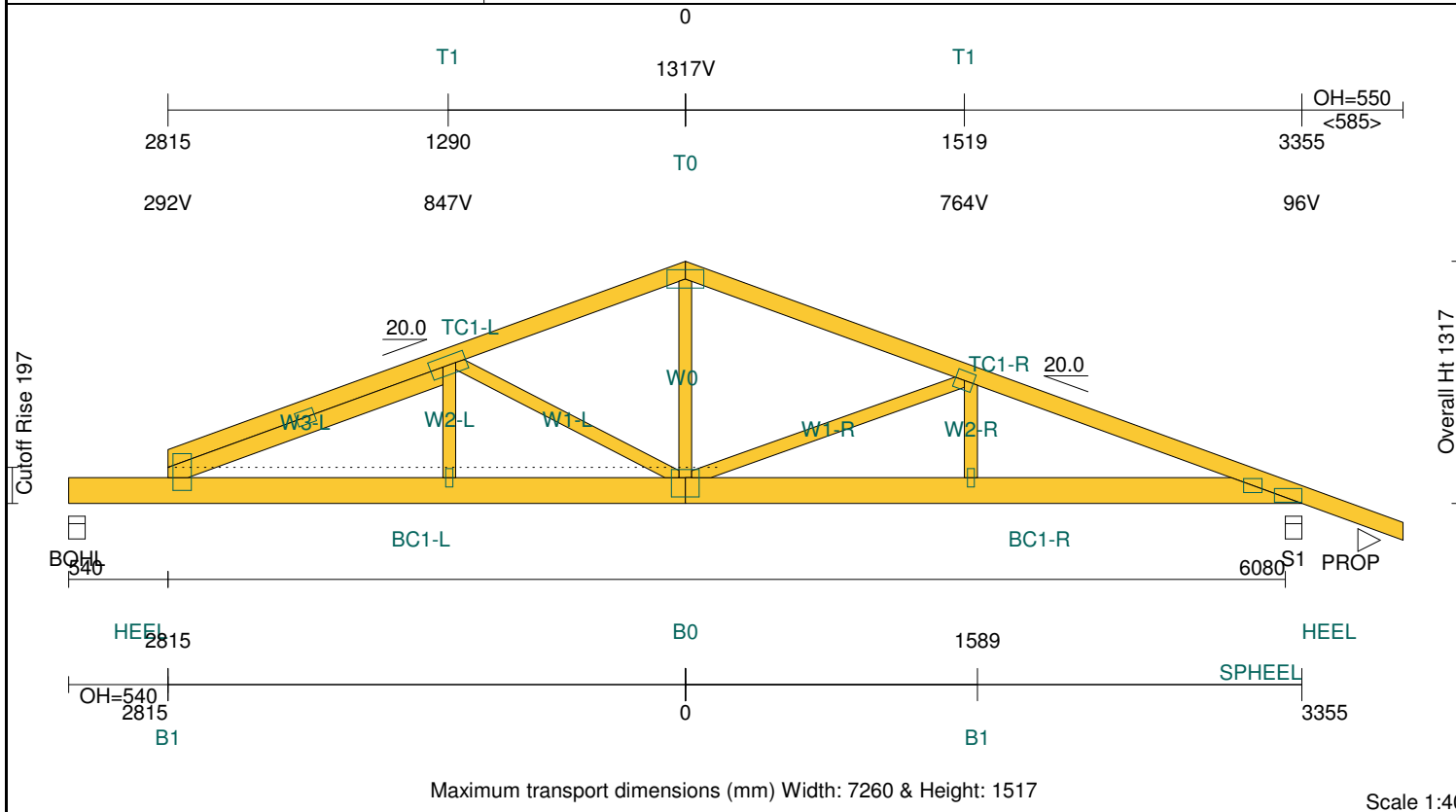


Client: <b>D'ANDREA</b>	<b>Trusstech SA Pty Ltd</b> ABN: 401 318 22 140 16 High Street Dry Creek SA 5094 Ph: 08 8260 6006	Job No: <b>TT02366</b>
Site: <b>50-52 WINDSOR ST MAGILL SA 5072 AUS</b>		Truss: <b>Layout created T1</b>
Ref: <b>DWLG 7</b>		Type: <b>Standard</b>
		Quantity: <b>4</b>



#### TIMBER:

Member	Size & Grade	Def	Jnt	Grp	Rest
TC1-L	90x35-MGP10 H0 ADS	1	JD5	1200	
TC1-R	90x35-MGP10 H0 ADS	1	JD5	1200	
BC1-L	140x35-MGP10 H0 ADS	1	JD5	600	
BC1-R	140x35-MGP10 H0 ADS		JD5	600	
W0	70x35-MGP10 H0 ADS		JD5		
W1-L	70x35-MGP10 H0 ADS		JD5		
W1-R	70x35-MGP10 H0 ADS		JD5		
W2-L	70x35-MGP10 H0 ADS		JD5		
W2-R	70x35-MGP10 H0 ADS		JD5		
W3-L	90x35-MGP10 H0 ADS		JD5		

#### PLATES:


Joint	Size & Grade	Camber	X	Y	Rtn
HEEL-L	100x200-MN	3	=	=	90
HEEL-R	75x150-MN		=	=	0
SPHEEL-R	75x100-MN		=	=	0
CLEATS1-L	75x100-MN		=	=	0
T0	100x200-MN		=	=	0
T1-L	100x200-MN		=	50	0
T1-R	100x100-MN		50	50	0
B0	150x150-MN	3	=	105	0
B1	38x100-MN	4	=	=	0

#### Vertical Reactions at Supports

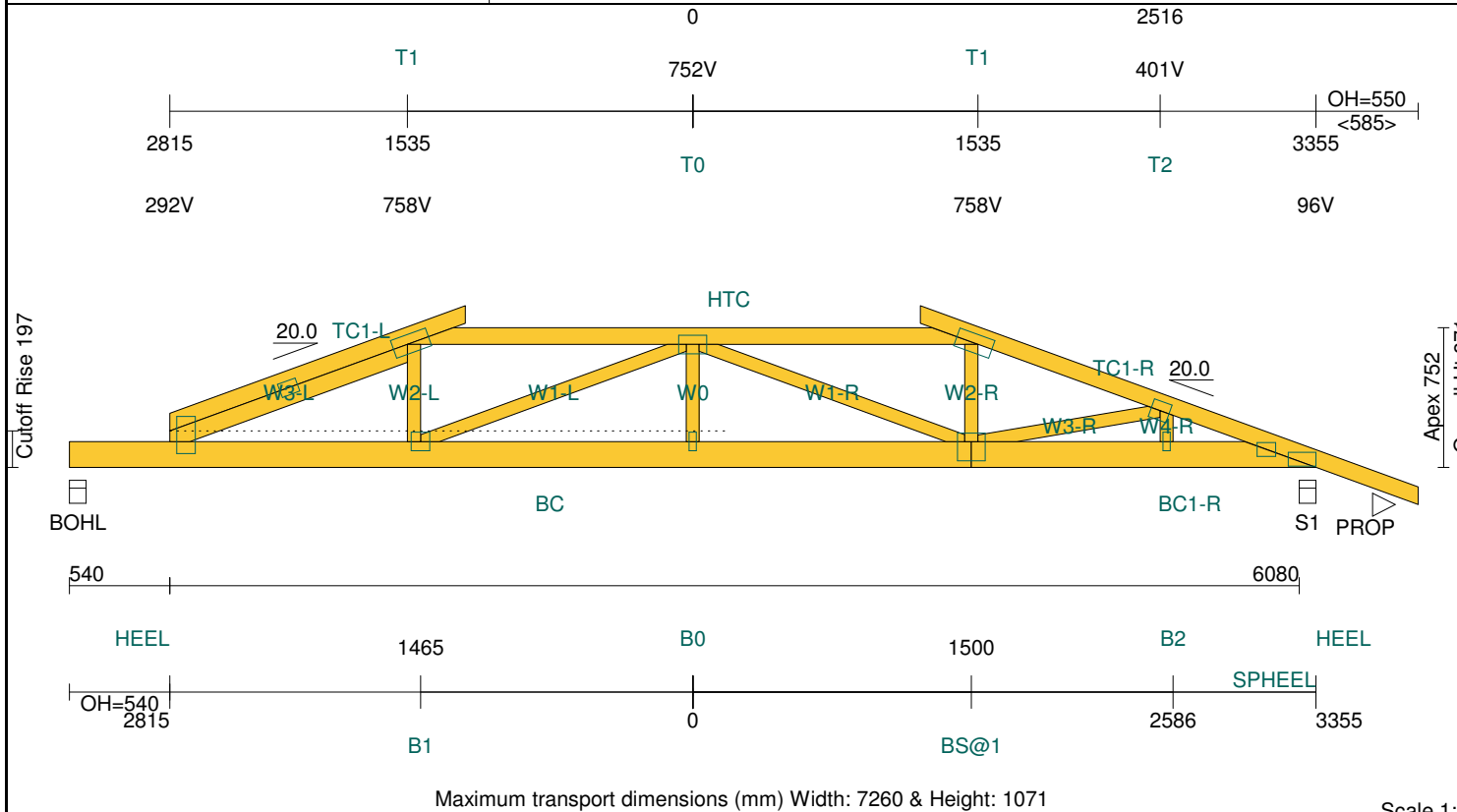
Support	(No.)	BOHL	S1
1.35DL	(kN)	1.13	1.29
1.2DL + 1.5MLL	(kN)	2.49	2.93
0.9DL + 1WL	(kN)	-1.23	-1.50
Tie Down	Required	1 MGrip	1 MGrip
Bearing	Member/Support	Ok/Ok	Ok/Ok

(Note: Tie down capacity based on JD5. Bearing capacity based on timber properties of the member onto support, and SD7 for support.)

Weight of timber & plate (excl. brackets): **38.6kg**

Span: <b>6170</b>	Roofing: <b>Metal Sheet@7kg/m<sup>2</sup></b>	Wind / Ext / Int: <b>N1 / 0.6 / 0.2</b>	All dimensions in millimetres. This drawing should be read in conjunction with Multinail Technical sheets.	Version: <b>1.9.4</b>
Pitch: <b>20.00/20.00</b>	TC Fix/Rest: <b>Metal @ 1200c/1200c</b>	Fascia Type: <b>Non-structural</b>		User: <b>(TN-016-020)</b>
Overhang: <b>0/550</b>	Ceiling: <b>Plaster 10mm Supa Span@9.2kg/m<sup>2</sup></b>	Ground Snow Load:		Date: <b>4/12/2018</b>
Spacing: <b>1200</b>	BC Fix/Rest: <b>Softwood @ 600c/600c</b>	Structure: <b>House</b>		Page: <b>1</b>


Client: <b>D'ANDREA</b>	<b>Trusstech SA Pty Ltd</b> ABN: 401 318 22 140 16 High Street Dry Creek SA 5094 Ph: 08 8260 6006	Job No: <b>TT02366</b>
Site: <b>50-52 WINDSOR ST MAGILL SA 5072 AUS</b>		Truss: <b>Layout created T2</b>
Ref: <b>DWLG 7</b>		Type: <b>TG2155</b>
		Quantity: <b>1</b>



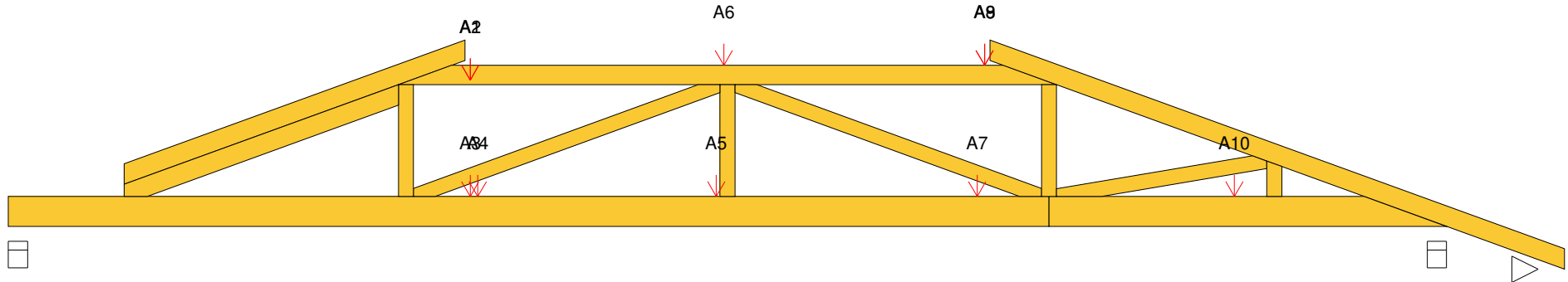
TIMBER: ### DOUBLE TRUSS ###						
Member	Size & Grade	Def	Jnt	Grp	Rest	
TC1-L	2/ 90x35-MGP10 H0 ADS				JD5	1200
TC1-R	2/ 90x35-MGP10 H0 ADS				JD5	1200
BC	2/140x35-MGP10 H0 ADS		1		JD5	600
BC1-R	2/140x35-MGP10 H0 ADS				JD5	600
HTC	2/ 90x35-MGP10 H0 ADS		1		JD5	1200
W0	2/ 70x35-MGP10 H0 ADS				JD5	
W1	2/ 70x35-MGP10 H0 ADS				JD5	
W2	2/ 70x35-MGP10 H0 ADS				JD5	
W3-L	2/ 90x35-MGP10 H0 ADS				JD5	
W3-R	2/ 70x35-MGP10 H0 ADS				JD5	
W4-R	2/ 70x35-MGP10 H0 ADS				JD5	

PLATES:						
Joint	Size & Grade	Camber	X	Y	Rtn	
HEEL-L	100x200-MN	3	=	=	90	
HEEL-R	75x150-MN		=	=	0	
SPHEEL-R	75x100-MN		=	=	0	
CLEATS1-L	75x100-MN		=	=	0	
T0	100x150-MN		=	50	0	
T1	100x200-MN		120	50	20	
T2-R	100x100-MN		50	50	0	
B0	38x100-MN	3	=	=	0	
B1-L	100x100-MN	3	=	50	0	
B2-R	38x100-MN	1	=	=	0	
BS@1-R	150x150-MN	2	=	105	0	

Vertical Reactions at Supports				Maximum horizontal reaction of 1.21kN dead load - design supporting structure to S16/AS/NZS 1170-2002 [AS 1720.1-2010]	
Support	(No.)	BOHL	S1		
1.35DL	(kN)	2.02	2.35		
1.2DL + 1.5MLL	(kN)	4.10	4.65		
0.9DL + 1WL	(kN)	-1.78	-2.01		
Tie Down	Required	1 MGrip	1 MGrip		
Bearing	Member/Support	Ok/Ok	Ok/Ok		

Span: <b>6170</b>	Roofing: <b>Metal Sheet@7kg/m²</b>	Wind / Ext / Int: <b>N1 / 0.6 / 0.2</b>	All dimensions in millimetres. This drawing should be read in conjunction with Multinail Technical sheets.	Version: <b>1.9.4</b>
Pitch: <b>20.00/20.00</b>	TC Fix/Rest: <b>Metal @ 1200c/1200c</b>	Fascia Type: <b>Non-structural</b>		User: <b>(TN-016-020)</b>
Overhang: <b>0/550</b>	Ceiling: <b>Plaster 10mm Supa Span@9.2kg/m²</b>	Ground Snow Load:		Date: <b>4/12/2018</b>
Spacing: <b>1200</b>	BC Fix/Rest: <b>Softwood @ 600c/600c</b>	Structure: <b>House</b>		Page: <b>2</b>

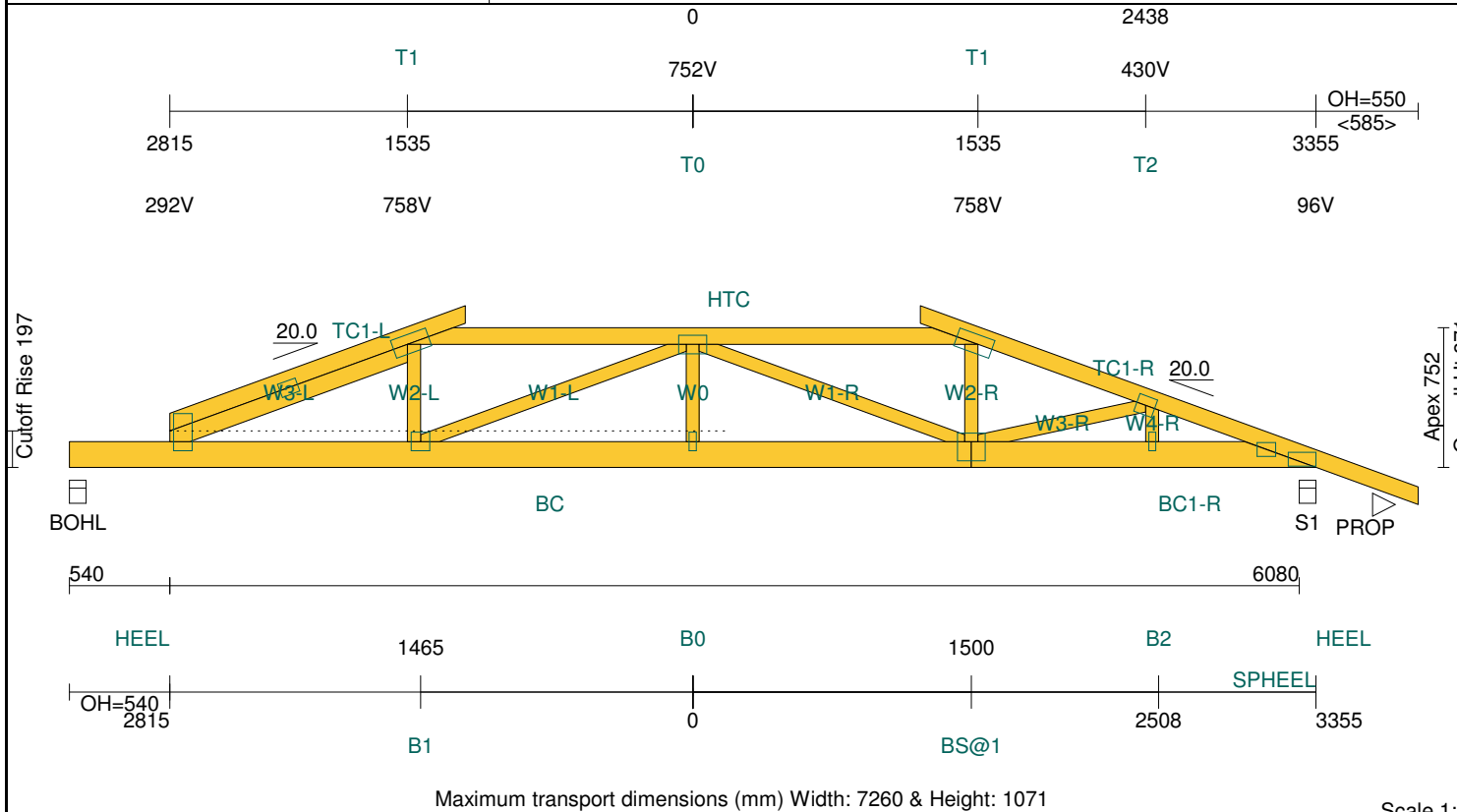
Client: <b>D'ANDREA</b>	<b>Trusstech SA Pty Ltd</b> ABN: 401 318 22 140 16 High Street Dry Creek SA 5094 Ph: 08 8260 6006	Job No: <b>TT02366</b>
Site: <b>50-52 WINDSOR ST MAGILL SA 5072 AUS</b>		Truss: <b>Layout created T2</b>
Ref: <b>DWLG 7</b>		Type: <b>TG2155</b>
		Quantity: <b>1</b>



LOADS ON TRUSS: A=Auto loads by system; S=Service loads; Uc=User defined concentrated loads; Ud=User defined distributed loads  
Note: -ve signed loads act downwards, +ve signed loads act upwards

Indicator	A1 (kN)	A2 (kN)	A3 (kN)	A4 (kN)	A5 (kN)	A6 (kN)	A7 (kN)	A8 (kN)	A9 (kN)	A10 (kN)
DL	-0.049	-0.287	0.032	-0.125	-0.125	-0.057	-0.125	-0.159	-0.049	-0.125
LL	-0.131	-0.389	0.007	0.000	0.000	-0.153	0.000	-0.197	-0.131	0.000
WL	0.181	0.735	-0.008	0.150	0.150	0.211	0.150	0.370	0.181	0.150
Desc	j3	hT1	hT1	hb1	hb1	j5	hb1	hR1	j3	hb1

Client: <b>D'ANDREA</b>	<b>Trusstech SA Pty Ltd</b> ABN: 401 318 22 140 16 High Street Dry Creek SA 5094 Ph: 08 8260 6006	Job No: <b>TT02366</b>
Site: <b>50-52 WINDSOR ST MAGILL SA 5072 AUS</b>		Truss: <b>Layout created T3</b>
Ref: <b>DWLG 7</b>		Type: <b>TG2155</b>
		Quantity: <b>1</b>




TIMBER: ### DOUBLE TRUSS ###									
Member	Size & Grade		Def	Jnt	Grp	Rest			
TC1-L	2/	90x35-MGP10	H0	ADS		JD5	1200		
TC1-R	2/	90x35-MGP10	H0	ADS		JD5	1200		
BC	2/	140x35-MGP10	H0	ADS	1	JD5	600		
BC1-R	2/	140x35-MGP10	H0	ADS		JD5	600		
HTC	2/	90x35-MGP10	H0	ADS	1	JD5	1200		
W0	2/	70x35-MGP10	H0	ADS		JD5			
W1	2/	70x35-MGP10	H0	ADS		JD5			
W2	2/	70x35-MGP10	H0	ADS		JD5			
W3-L	2/	90x35-MGP10	H0	ADS		JD5			
W3-R	2/	70x35-MGP10	H0	ADS		JD5			
W4-R	2/	70x35-MGP10	H0	ADS		JD5			

PLATES:									
Joint	Size & Grade		Camber	X	/	Y	/	Rtn	
HEEL-L	100x200-MN		3	=	=			90	
HEEL-R	75x150-MN			=	=			0	
SPHEEL-R	75x100-MN			=	=			0	
CLEATS1-L	75x100-MN			=	=			0	
T0	100x150-MN			=	50			0	
T1	100x200-MN			120	50			20	
T2-R	100x100-MN			50	50			0	
B0	38x100-MN		3	=	=			0	
B1-L	100x100-MN		3	=	50			0	
B2-R	38x100-MN		2	=	=			0	
BS@1-R	150x150-MN		2	=	105			0	

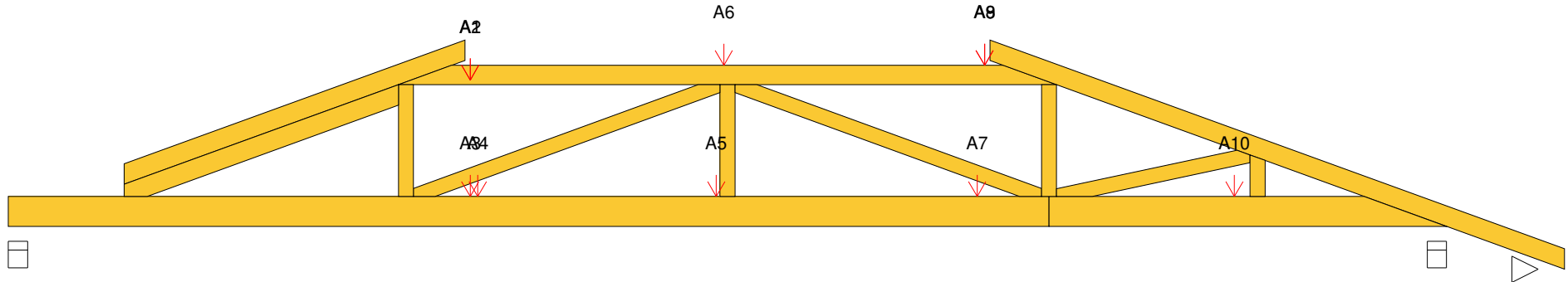
Vertical Reactions at Supports				Maximum horizontal reaction of 1.16kN dead load - design supporting structure to S16/NZS 1170-2002 [AS 1720.1-2010]	
Support	(No.)	BOHL	S1		
1.35DL	(kN)	2.02	2.35		
1.2DL + 1.5MLL	(kN)	4.10	4.65		
0.9DL + 1WL	(kN)	-1.78	-2.01		
Tie Down	Required	1 MGrip	1 MGrip		
Bearing	Member/Support	Ok/Ok	Ok/Ok		

(Note: Tie down capacity based on JD5. Bearing capacity based on timber properties of the member onto support, and SD7 for support.)

Weight of timber & plate (excl. brackets): **80.0kg**

Span: <b>6170</b>	Roofing: <b>Metal Sheet@7kg/m²</b>	Wind / Ext / Int: <b>N1 / 0.6 / 0.2</b>	All dimensions in millimetres. This drawing should be read in conjunction with Multinail Technical sheets.	Version: <b>1.9.4</b>
Pitch: <b>20.00/20.00</b>	TC Fix/Rest: <b>Metal @ 1200c/1200c</b>	Fascia Type: <b>Non-structural</b>		User: <b>(TN-016-020)</b>
Overhang: <b>0/550</b>	Ceiling: <b>Plaster 10mm Supa Span@9.2kg/m²</b>	Ground Snow Load:		Date: <b>4/12/2018</b>
Spacing: <b>1200</b>	BC Fix/Rest: <b>Softwood @ 600c/600c</b>	Structure: <b>House</b>		Page: <b>4</b>

Client: <b>D'ANDREA</b>	<b>Trusstech SA Pty Ltd</b> ABN: 401 318 22 140 16 High Street Dry Creek SA 5094 Ph: 08 8260 6006	Job No: <b>TT02366</b>
Site: <b>50-52 WINDSOR ST MAGILL SA 5072 AUS</b>		Truss: <b>Layout created T3</b>
Ref: <b>DWLG 7</b>		Type: <b>TG2155</b>
		Quantity: <b>1</b>



LOADS ON TRUSS: A=Auto loads by system; S=Service loads; Uc=User defined concentrated loads; Ud=User defined distributed loads  
Note: -ve signed loads act downwards, +ve signed loads act upwards

Indicator	A1 (kN)	A2 (kN)	A3 (kN)	A4 (kN)	A5 (kN)	A6 (kN)	A7 (kN)	A8 (kN)	A9 (kN)	A10 (kN)
DL	-0.049	-0.287	0.032	-0.125	-0.125	-0.057	-0.125	-0.159	-0.049	-0.125
LL	-0.131	-0.389	0.007	0.000	0.000	-0.153	0.000	-0.197	-0.131	0.000
WL	0.181	0.735	-0.008	0.150	0.150	0.211	0.150	0.370	0.181	0.150
Desc	j3	hT1	hT1	hb1	hb1	j5	hb1	hR1	j3	hb1