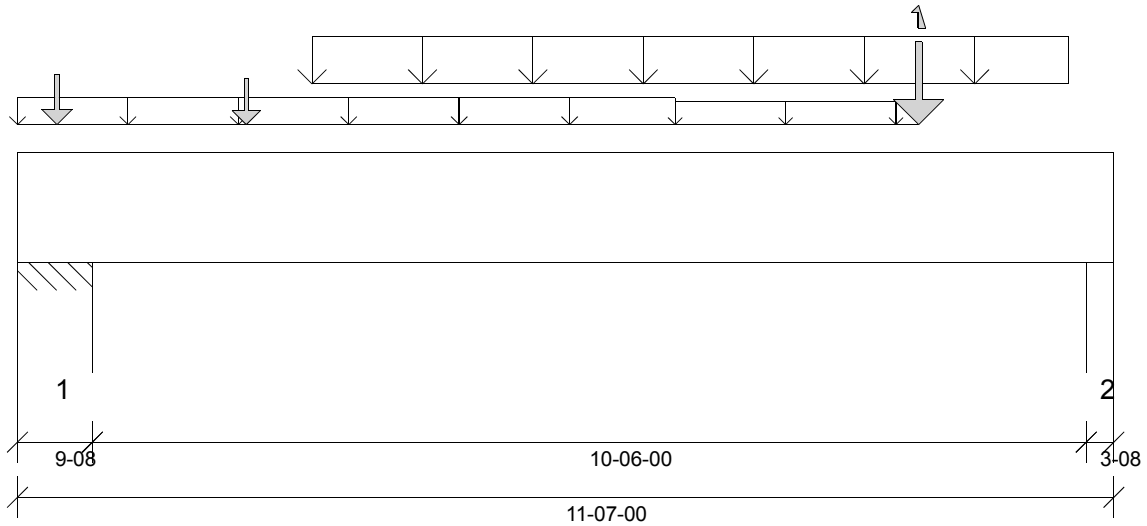


Graphical Illustration - Not To Scale
Member Cut Length - 11-07-00
MemberPitch - 0/12

Design Information:

Building Code:	IRC2015	Floor Dead Load:	10.0 lb/ft²	Roof Dead Load:	10.0 lb/ft²	Ground Snow Load:	20.0 lb/ft²
Design Methodology:	ASD	Floor Live Load:	40.0 lb/ft²	Roof Live Load:	20.0 lb/ft²		
		Unbraced Length Top:	0-00	Bottom:	1-08-04		

Design Results:

	Location	Design	Control		Result	LDF	Load Combination
Critical Moment (Pos)	7-01-05	8328.20 lb ft	28945.56 lb ft		Passed - 29%	1.00	D + L
Critical Moment (Neg)	8-08	-250.91 lb ft	28945.56 lb ft		Passed - 1%	1.00	D + L
Critical Shear	10-01-08	3609.82 lb	9310.00 lb		Passed - 39%	1.00	D + L
Live Load Deflection	6-02-03	0-01	0-12 (L/360)		Passed - L/999	-	L
Total Load Deflection	6-02-03	0-02	1-00 (L/240)		Passed - L/999	-	D + L
Max. Reaction			Supported Mtl	Supporting Mtl			
	8-08	3466.16 lb	24937.62 lb	29093.89 lb	Passed - 14%	1.00	D + L
	11-04-08	3652.68 lb	9187.48 lb	10718.73 lb	Passed - 40%	1.00	D + L

Design Notes:

* Member design assumed proper ply to ply connection by others. Fastener spacing along length of member must not exceed 4 times depth of member. Verify connection between plies according to code specification and follow the manufacturer's installation instruction. Loads assumed to be distributed equally to each ply.
*

Loading:

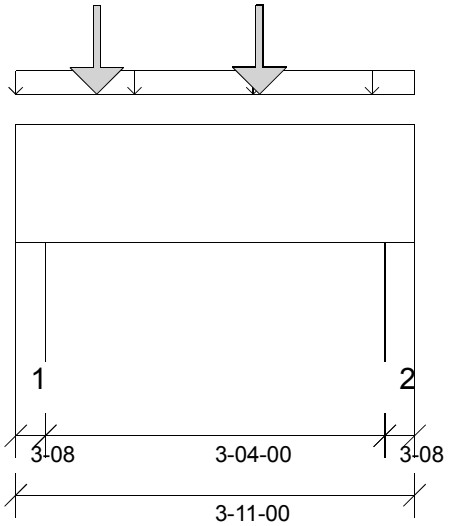
				Maximum Load Magnitudes			
Type	Start	End	Source	Dead	Floor Live	Roof Live	Snow
Self Weight	0-00	11-07-00	Self Weight	14 lb/ft	-	-	-
Uniform	0-00	6-11-06	FC1 Floor Decking	18 lb/ft	72 lb/ft	-	-
Uniform	3-01-06	11-01-05	Smoothed Load	77 lb/ft	308 lb/ft	-	-
Uniform	6-11-06	9-06-04	FC1 Floor Decking	8 lb/ft	32 lb/ft	-	-
Point	9-06-04	9-06-04	1BM3-2(i1299)	338.00 lb	1267.00/-55.00 lb	-	-
Point	5-00	5-00	FJ16(i1180)	154.00 lb	616.00 lb	-	-
Point	2-05-00	2-05-00	FJ16(i1181)	135.00 lb	538.00 lb	-	-

Support Information:

				Maximum Analysis Reactions			
Support	Start	End	Source	Dead	Floor Live	Roof Live	Snow
1	0-00	9-08	W35(i37)	763.00 lb	2691.00/-10.00 lb	-	-
2	11-03-08	11-07-00	W40(i40)	810.00 lb	2854.00/-45.00 lb	-	-

Errors, Warnings & Notes:

* The dead loads used in the design of this member were applied to the structure as projected dead loads.
* The member graphic, dimensions, and locations shown on this report are based on the centerline of the member.
* Analysis and Design has been performed using precision loading from actual modeled conditions. Some loads may have been modified to simplify reporting.



Graphical Illustration - Not To Scale
Member Cut Length - 3-11-00
MemberPitch - 0/12

Design Information:

Building Code:	IRC2015	Floor Dead Load:	10.0 lb/ft²	Roof Dead Load:	10.0 lb/ft²	Ground Snow Load:	20.0 lb/ft²
Design Methodology:	ASD	Floor Live Load:	40.0 lb/ft²	Roof Live Load:	20.0 lb/ft²		
		Unbraced Length Top:	0-00	Bottom:	1-05-00		

Design Results:

	Location	Design	Control		Result	LDF	Load Combination
Critical Moment (Pos)	2-04-12	769.78 lb ft	28945.56 lb ft		Passed - 3%	1.00	D + L
Critical Shear	1-05-08	855.61 lb	9310.00 lb		Passed - 9%	1.00	D + L
Live Load Deflection	1-11-10	0-00	0-12 (L/360)		Passed - L/999	-	L
Total Load Deflection	1-11-10	0-00	1-00 (L/240)		Passed - L/999	-	D + L
Max. Reaction			Supported Mtl	Supporting Mtl			
	2-08	898.47 lb	9187.52 lb	10718.78 lb	Passed - 10%	1.00	D + L
	3-08-08	614.22 lb	9187.63 lb	10718.90 lb	Passed - 7%	1.00	D + L

Design Notes:

* Member design assumed proper ply to ply connection by others. Fastener spacing along length of member must not exceed 4 times depth of member. Verify connection between plies according to code specification and follow the manufacturer's installation instruction. Loads assumed to be distributed equally to each ply.
*

Loading:

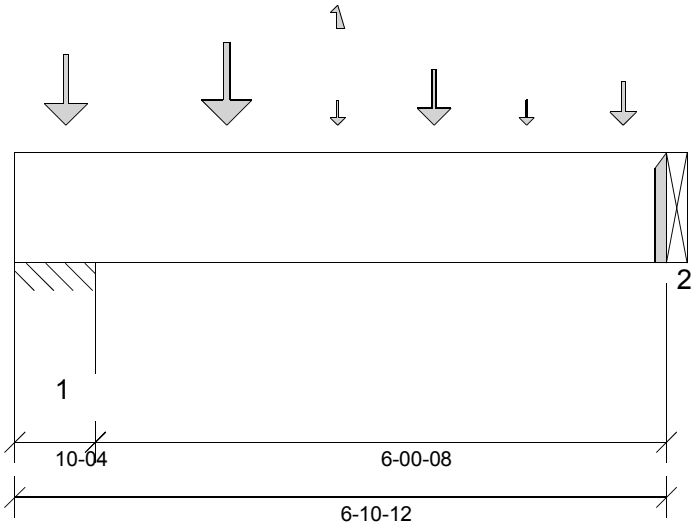
				Maximum Load Magnitudes			
Type	Start	End	Source	Dead	Floor Live	Roof Live	Snow
Self Weight	0-00	3-11-00	Self Weight	14 lb/ft	-	-	-
Uniform	-0-00	3-11-00	FC1 Floor Decking	3 lb/ft	12 lb/ft	-	-
Point	9-09	9-09	FJ18(i1213)	139.00 lb	556.00 lb	-	-
Point	2-04-12	2-04-12	FJ18(i1214)	140.00 lb	561.00 lb	-	-

Support Information:

				Maximum Analysis Reactions			
Support	Start	End	Source	Dead	Floor Live	Roof Live	Snow
1	0-00	3-08	W40(i40)	202.00 lb	696.00 lb	-	-
2	3-07-08	3-11-00	W41(i41)	145.00 lb	469.00 lb	-	-

Errors, Warnings & Notes:

* The dead loads used in the design of this member were applied to the structure as projected dead loads.
* The member graphic, dimensions, and locations shown on this report are based on the centerline of the member.
* Analysis and Design has been performed using precision loading from actual modeled conditions. Some loads may have been modified to simplify reporting.



Graphical Illustration - Not To Scale
Member Cut Length - 6-10-12
MemberPitch - 0/12

Design Information:

Building Code:	IRC2015	Floor Dead Load:	10.0 lb/ft²	Roof Dead Load:	10.0 lb/ft²	Ground Snow Load:	20.0 lb/ft²
Design Methodology:	ASD	Floor Live Load:	40.0 lb/ft²	Roof Live Load:	20.0 lb/ft²		
		Unbraced Length Top:	0-00	Bottom:	1-01-08		

Design Results:

	Location	Design	Control		Result	LDF	Load Combination
Critical Moment (Pos)	4-05-04	2640.55 lb ft	28945.56 lb ft		Passed - 9%	1.00	D + L
Critical Moment (Neg)	9-04	-292.35 lb ft	28945.56 lb ft		Passed - 1%	1.00	D + L
Critical Shear	2-00-04	1078.97 lb	9310.00 lb		Passed - 12%	1.00	D + L
Live Load Deflection	3-09-04	0-00	0-12 (L/360)		Passed - L/999	-	L
Total Load Deflection	3-09-05	0-00	1-00 (L/240)		Passed - L/999	-	D + L
Max. Reaction			Supported Mtl	Supporting Mtl			
	9-04	3030.81 lb	26840.36 lb	31313.75 lb	Passed - 11%	1.00	D + L
	6-10-12	1609.32 lb	1609.32 lb	0.00 lb	Passed - 100%	1.00	D + L

Design Notes:

* Member design assumed proper ply to ply connection by others. Fastener spacing along length of member must not exceed 4 times depth of member. Verify connection between plies according to code specification and follow the manufacturer's installation instruction. Loads assumed to be distributed equally to each ply.
*

Loading:

				Maximum Load Magnitudes			
Type	Start	End	Source	Dead	Floor Live	Roof Live	Snow
Self Weight	0-00	6-10-12	Self Weight	14 lb/ft	-	-	-
Point	6-08	6-08	-	253.00 lb	1010.00 lb	-	-
Point	2-02-14	2-02-14	-	309.00 lb	1238.00 lb	-	-
Point	4-05-04	4-05-04	FJ18(i1240)	177.00 lb	710.00 lb	-	-
Point	6-05-04	6-05-04	FJ18(i1241)	116.00 lb	462.00 lb	-	-
Point	3-05-00	3-05-00	FJ20(i1305)	-	103.00/-75.00 lb	-	-
Point	5-05-00	5-05-00	FJ4(i1231)	24.00 lb	95.00 lb	-	-

Support Information:

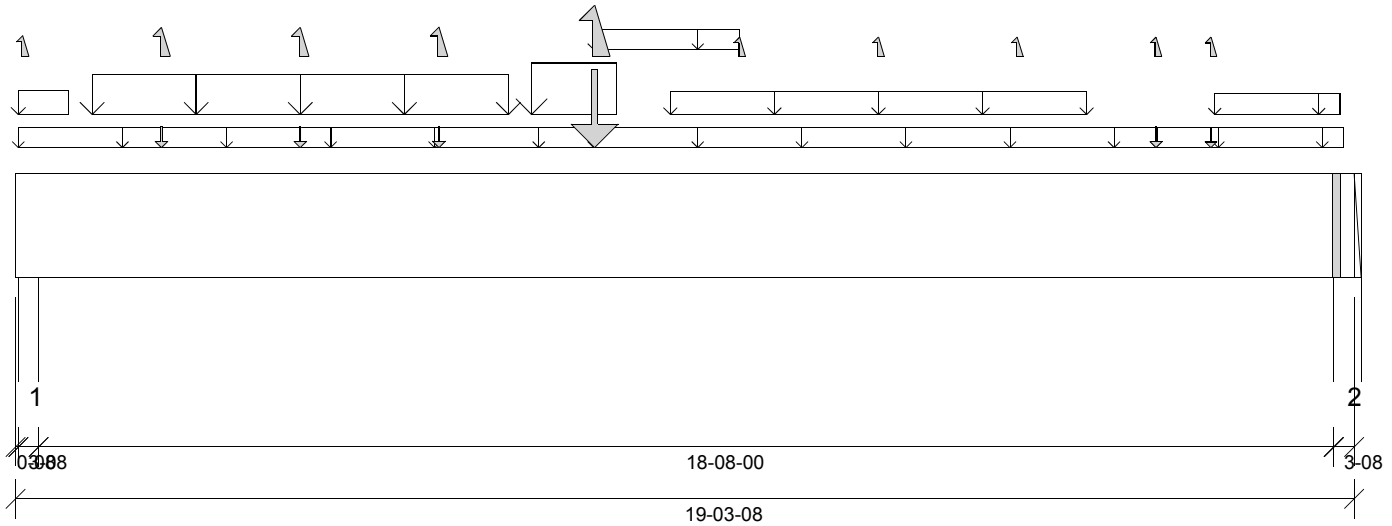
				Maximum Analysis Reactions			
Support	Start	End	Source	Dead	Floor Live	Roof Live	Snow
1	0-00	10-04	W39(i39)	646.00 lb	2406.00/-43.00 lb	-	-
2	6-10-12	6-10-12	1BM1-2(i1272)	338.00 lb	1267.00/-55.00 lb	-	-

Connector Information:

			Nailing Requirements				
Support	Manufacturer	Model	Top	Face	Member	Min Seat Length	Other Information
2	Simpson	HHUS410	-	-	-	N/A	Connector manually specified by the user.

Errors, Warnings & Notes:

* The dead loads used in the design of this member were applied to the structure as projected dead loads.
* The member graphic, dimensions, and locations shown on this report are based on the centerline of the member.
* Analysis and Design has been performed using precision loading from actual modeled conditions. Some loads may have been modified to simplify reporting.



Graphical Illustration - Not To Scale
Member Cut Length - 19-03-08
MemberPitch - 0/12

Design Information:

Building Code:	IRC2015	Floor Dead Load:	10.0 lb/ft²	Roof Dead Load:	10.0 lb/ft²	Ground Snow Load:	20.0 lb/ft²
Design Methodology:	ASD	Floor Live Load:	40.0 lb/ft²	Roof Live Load:	20.0 lb/ft²		
		Unbraced Length Top:	0-08	Bottom:	1-10-08		

Design Results:

	Location	Design	Control		Result	LDF	Load Combination
Critical Moment (Pos)	8-04-14	49324.99 lb ft	79170.20 lb ft		Passed - 62%	1.15	D + Lr
Critical Moment (Neg)	8-01-04	-8633.11 lb ft	110149.85 lb ft		Passed - 8%	1.60	0.6D + 0.6W
Critical Shear	1-10-00	8218.91 lb	20648.25 lb		Passed - 40%	1.15	D + Lr
Live Load Deflection	9-03-01	0-04	0-12 (L/360)		Passed - L/826	-	0.75(L + Lr + 0.6W)
Total Load Deflection	9-02-10	0-09	1-00 (L/240)		Passed - L/402	-	D + 0.75(L + Lr + 0.6W)
Max. Reaction			Supported Mtl	Supporting Mtl			
	3-00	8992.38 lb	13781.29 lb	16078.17 lb	Passed - 65%	1.60	D + 0.75(L + Lr + 0.6W)
	3-00	-2027.68 lb	0.00 lb	-		1.60	0.6D + 0.6W
	19-01-00	5303.71 lb	13781.40 lb	16078.30 lb	Passed - 38%	1.15	D + 0.75(L + Lr)
	19-01-00	-591.56 lb	0.00 lb	-		1.60	0.6D + 0.6W

Design Notes:

* Member design assumed proper ply to ply connection by others. Fastener spacing along length of member must not exceed 4 times depth of member. Verify connection between plies according to code specification and follow the manufacturer's installation instruction. Loads assumed to be distributed equally to each ply.
*

Loading:

				Maximum Load Magnitudes			
Type	Start	End	Source	Dead	Floor Live	Roof Live	Snow
Self Weight	0-00	19-03-08	Self Weight	28 lb/ft	-	-	-
Uniform	0-08	8-04-00	FC1 Floor Decking	-	29 lb/ft	-	-
Uniform	0-08	9-04	W61(i338)	-	-	134 lb/ft	47 lb/ft
Uniform	1-01-04	7-01-04	W61(i338)	348 lb/ft	-	360 lb/ft	151 lb/ft
Uniform	7-05-04	8-08-00	W61(i338)	552 lb/ft	-	557 lb/ft	234 lb/ft
Uniform	8-04-00	19-01-12	FC1 Floor Decking	-	24 lb/ft	-	-
Uniform	8-04-00	10-05-04	FC1 Floor Decking	-	9 lb/ft	-	-
Uniform	9-05-04	15-05-04	Smoothed Load	30 lb/ft	124 lb/ft	-	-
Uniform	17-03-06	19-01-02	FC1 Floor Decking	-	83 lb/ft	-	-
Point	2-01-04	2-01-04	-	98.00 lb	-	86.00/-4.00 lb	82.00 lb
Point	4-01-04	4-01-04	-	98.00 lb	-	86.00/-4.00 lb	82.00 lb
Point	6-01-04	6-01-04	-	105.00 lb	-	102.00/-5.00 lb	97.00 lb
Point	8-04-03	8-04-03	-	3318.00 lb	122.00 lb	3250.00/-3.70 lb	1261.00 lb
Point	10-05-04	10-05-04	FJ8(i1306)	-	-5.00 lb	-	-
Point	12-05-04	12-05-04	FJ8(i1276)	-	-9.00 lb	-	-
Point	14-05-04	14-05-04	FJ8(i1261)	-	-9.00 lb	-	-
Point	16-05-04	16-05-04	FJ8(i1262)	-	174.00/-6.00 lb	-	-
Point	17-02-12	17-02-12	FJ8(i1263)	-	111.00/-2.00 lb	-	-
Point	1-04	1-04	W61(i338)	-	-	-	-

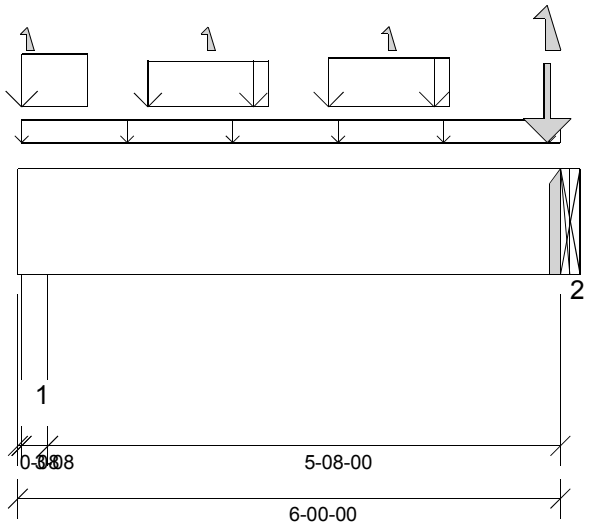
Support Information:

				Maximum Analysis Reactions			
Support	Start	End	Source	Dead	Floor Live	Roof Live	Snow
1	0-08	4-00	W23(i25)	4677.00 lb	648.00/-9.00 lb	4292.00/-12.00 lb	1848.00 lb
2	19-00-00	19-03-08	W39(i39)	2762.00 lb	1179.00/-22.00 lb	2181.00/-4.00 lb	901.00 lb

Errors, Warnings & Notes:

* CAUTION: The maximum net analysis reaction exceeds the user-defined maximum uplift value at one or more supports.
* The dead loads used in the design of this member were applied to the structure as projected dead loads.
* The member graphic, dimensions, and locations shown on this report are based on the centerline of the member.

* Analysis and Design has been performed using precision loading from actual modeled conditions. Some loads may have been modified to simplify reporting.



Graphical Illustration - Not To Scale
Member Cut Length - 6-00-00
MemberPitch - 0/12

Design Information:

Building Code:	IRC2015	Floor Dead Load:	10.0 lb/ft²	Roof Dead Load:	10.0 lb/ft²	Ground Snow Load:	20.0 lb/ft²
Design Methodology:	ASD	Floor Live Load:	40.0 lb/ft²	Roof Live Load:	20.0 lb/ft²		
		Unbraced Length Top:	0-08	Bottom:	5-08-00		

Design Results:

	Location	Design	Control		Result	LDF	Load Combination
Critical Moment (Pos)	3-09-06	1610.33 lb ft	16643.70 lb ft		Passed - 10%	1.15	D + Lr
Critical Moment (Neg)	4-01-04	-423.90 lb ft	23156.44 lb ft		Passed - 2%	1.60	0.6D + 0.6W
Critical Shear	4-10-00	1169.18 lb	5353.25 lb		Passed - 22%	1.15	D + Lr
Live Load Deflection	3-02-10	0-00	0-12 (L/360)		Passed - L/999	-	0.6W
Total Load Deflection	3-02-04	0-00	1-00 (L/240)		Passed - L/999	-	D + 0.75(L + Lr + 0.6W)
Max. Reaction			Supported Mtl	Supporting Mtl			
	2-04	1133.99 lb	4593.73 lb	5359.36 lb	Passed - 25%	1.60	D + 0.75(L + Lr + 0.6W)
	2-04	-375.32 lb	0.00 lb	-		1.60	0.6D + 0.6W
	6-00-00	6418.81 lb	6418.81 lb	0.00 lb	Passed - 100%	1.15	D + Lr
	6-00-00	-780.29 lb	0.00 lb	-		1.60	0.6D + 0.6W

Design Notes:

*

Loading:

				Maximum Load Magnitudes			
Type	Start	End	Source	Dead	Floor Live	Roof Live	Snow
Self Weight	0-00	6-00-00	Self Weight	7 lb/ft	-	-	-
Uniform	0-08	6-00-00	FC1 Floor Decking	11 lb/ft	42 lb/ft	-	-
Uniform	0-08	9-04	W60(i340)	217 lb/ft	-	258 lb/ft	90 lb/ft
Uniform	1-05-04	2-09-04	W60(i340)	176 lb/ft	-	194 lb/ft	67 lb/ft
Uniform	3-05-04	4-09-04	W60(i340)	194 lb/ft	-	213 lb/ft	74 lb/ft
Point	1-04	1-04	W60(i340)	-	-	-	-
Point	2-01-04	2-01-04	W60(i340)	-	-	-	-
Point	4-01-04	4-01-04	W60(i340)	-	-	-	-
Point	5-10-04	5-10-04	W60(i340)	3010.00 lb	-	2967.00/-3.00 lb	1163.00 lb

Support Information:

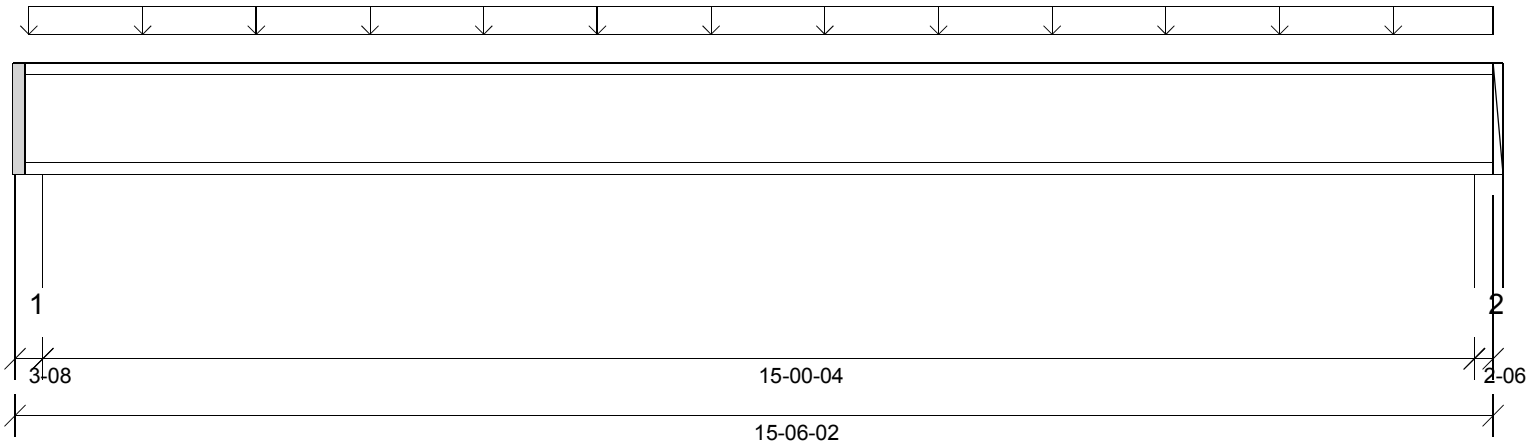
				Maximum Analysis Reactions			
Support	Start	End	Source	Dead	Floor Live	Roof Live	Snow
1	0-08	4-00	W34(i26)	447.00 lb	129.00 lb	447.00 lb	155.00 lb
2	6-00-00	6-00-00	1BM4-3(i1160)	3318.00 lb	122.00 lb	3250.00/-3.00 lb	1261.00 lb

Connector Information:

			Nailing Requirements				
Support	Manufacturer	Model	Top	Face	Member	Min Seat Length	Other Information
2		IUS1.81/14	-	-	-	N/A	Connector manually specified by the user.

Errors, Warnings & Notes:

* CAUTION: The maximum net analysis reaction exceeds the user-defined maximum uplift value at one or more supports.
* The dead loads used in the design of this member were applied to the structure as projected dead loads.
* The member graphic, dimensions, and locations shown on this report are based on the centerline of the member.
* Analysis and Design has been performed using precision loading from actual modeled conditions. Some loads may have been modified to simplify reporting.



Graphical Illustration - Not To Scale
Member Cut Length - 15-06-02
MemberPitch - 0/12

Design Information:

Building Code:	IRC2015	Floor Dead Load:	10.0 lb/ft²	Roof Dead Load:	10.0 lb/ft²	Ground Snow Load:	20.0 lb/ft²
Design Methodology:	ASD	Floor Live Load:	40.0 lb/ft²	Roof Live Load:	20.0 lb/ft²		
		Unbraced Length Top:	0-00	Bottom:	15-00-04		

Design Results:

	Location	Design	Control		Result	LDF	Load Combination
Critical Moment (Pos)	7-09-10	2882.31 lb ft	4530.03 lb ft		Passed - 64%	1.00	D + L
Critical Shear	15-03-11	750.62 lb	1730.00 lb		Passed - 43%	1.00	D + L
Live Load Deflection	7-09-10	0-03	0-12 (L/480)		Passed - L/999	-	L
Total Load Deflection	7-09-10	0-03	1-00 (L/240)		Passed - L/851	-	D + L
Max. Reaction			Supported Mtl	Supporting Mtl			
	2-08	765.52 lb	1500.00 lb	7656.23 lb	Passed - 51%	1.00	D + L
	15-04-12	780.31 lb	1387.50 lb	5195.35 lb	Passed - 56%	1.00	D + L

Design Notes:

*

Loading:

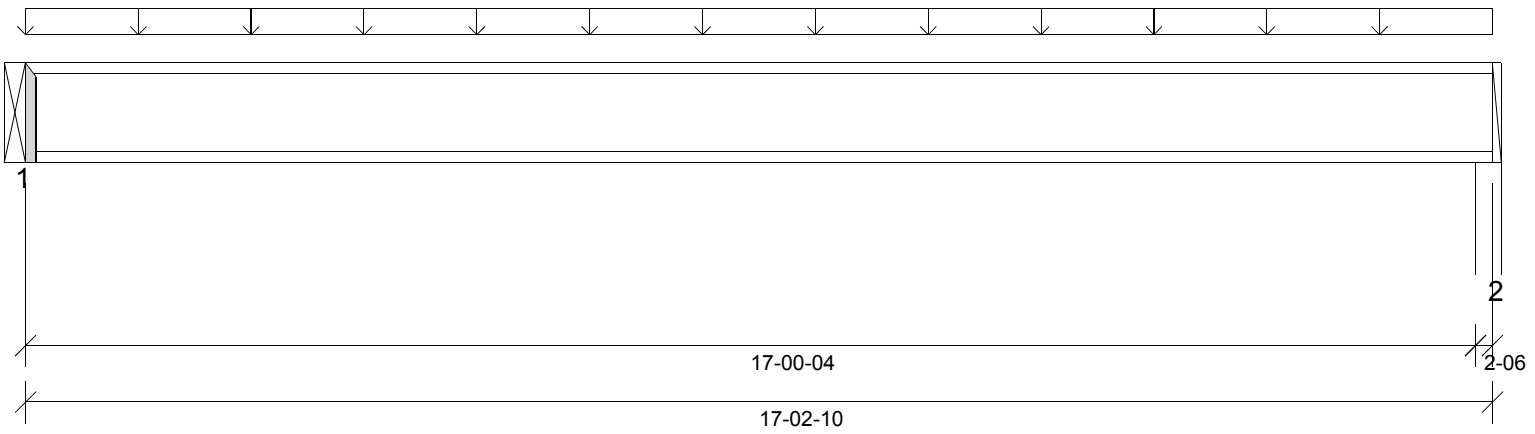
				Maximum Load Magnitudes			
Type	Start	End	Source	Dead	Floor Live	Roof Live	Snow
Uniform	1-12	15-06-02	FC1 Floor Decking	20 lb/ft	80 lb/ft	-	-

Support Information:

				Maximum Analysis Reactions			
Support	Start	End	Source	Dead	Floor Live	Roof Live	Snow
1	0-00	3-08	W35(i37)	152.00 lb	610.00 lb	-	-
2	15-03-12	15-06-02	W24(i27)	157.00 lb	627.00 lb	-	-

Errors, Warnings & Notes:

* The dead loads used in the design of this member were applied to the structure as projected dead loads.
* The member graphic, dimensions, and locations shown on this report are based on the centerline of the member.
* Analysis and Design has been performed using precision loading from actual modeled conditions. Some loads may have been modified to simplify reporting.
* A load bearing wall is supported by the I-joist at a location where the I-joist is supported by a member below. Please see manufacturer installation guidelines for requirements of blocking/squash blocks.



Graphical Illustration - Not To Scale
Member Cut Length - 17-02-10
MemberPitch - 0/12

Design Information:

Building Code:	IRC2015	Floor Dead Load:	10.0 lb/ft²	Roof Dead Load:	10.0 lb/ft²	Ground Snow Load:	20.0 lb/ft²
Design Methodology:	ASD	Floor Live Load:	40.0 lb/ft²	Roof Live Load:	20.0 lb/ft²		
		Unbraced Length Top:	0-00	Bottom:	17-00-04		

Design Results:

	Location	Design	Control		Result	LDF	Load Combination
Critical Moment (Pos)	8-06-10	2922.94 lb ft	4530.03 lb ft		Passed - 65%	1.00	D + L
Critical Shear	0-01	683.22 lb	1730.00 lb		Passed - 39%	1.00	D + L
Live Load Deflection	8-06-10	0-03	0-12 (L/480)		Passed - L/948	-	L
Total Load Deflection	8-06-10	0-04	1-00 (L/240)		Passed - L/758	-	D + L
Max. Reaction			Supported Mtl	Supporting Mtl			
	0-00	695.30 lb	1325.00 lb	0.00 lb	Passed - 52%	1.00	D + L
	17-01-04	700.46 lb	1387.50 lb	5195.25 lb	Passed - 50%	1.00	D + L

Design Notes:
* The required bearing length for this member is the same for both with and without web stiffeners (112)
*

Loading:

				Maximum Load Magnitudes			
Type	Start	End	Source	Dead	Floor Live	Roof Live	Snow
Uniform	0-00	17-02-10	FC1 Floor Decking	16 lb/ft	64 lb/ft	-	-

Support Information:

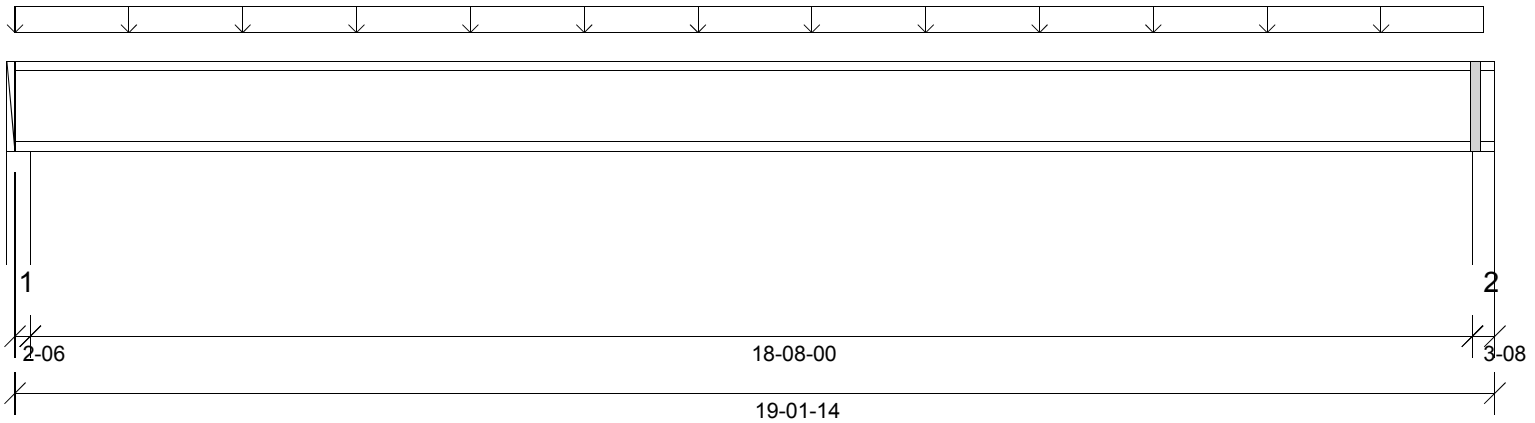
				Maximum Analysis Reactions			
Support	Start	End	Source	Dead	Floor Live	Roof Live	Snow
1	0-00	0-00	1BM2-2(i1269)	139.00 lb	556.00 lb	-	-
2	17-00-04	17-02-10	W26(i33)	140.00 lb	560.00 lb	-	-

Connector Information:

			Nailing Requirements				
Support	Manufacturer	Model	Top	Face	Member	Min Seat Length	Other Information
1		ITS2.56/14	-	-	-	N/A	Connector manually specified by the user.

Errors, Warnings & Notes:

* The dead loads used in the design of this member were applied to the structure as projected dead loads.
* The member graphic, dimensions, and locations shown on this report are based on the centerline of the member.
* Analysis and Design has been performed using precision loading from actual modeled conditions. Some loads may have been modified to simplify reporting.
* A load bearing wall is supported by the I-joist at a location where the I-joist is supported by a member below. Please see manufacturer installation guidelines for requirements of blocking/squash blocks.



Graphical Illustration - Not To Scale
Member Cut Length - 19-01-14
MemberPitch - 0/12

Design Information:

Building Code:	IRC2015	Floor Dead Load:	10.0 lb/ft²	Roof Dead Load:	10.0 lb/ft²	Ground Snow Load:	20.0 lb/ft²
Design Methodology:	ASD	Floor Live Load:	40.0 lb/ft²	Roof Live Load:	20.0 lb/ft²		
		Unbraced Length Top:	0-00	Bottom:	18-08-00		

Design Results:

	Location	Design	Control		Result	LDF	Load Combination
Critical Moment (Pos)	9-06-06	3070.60 lb ft	4530.03 lb ft		Passed - 68%	1.00	D + L
Critical Shear	2-07	646.22 lb	1730.00 lb		Passed - 37%	1.00	D + L
Live Load Deflection	9-06-06	0-04	0-12 (L/480)		Passed - L/819	-	L
Total Load Deflection	9-06-06	0-05	1-00 (L/240)		Passed - L/655	-	D + L
Max. Reaction			Supported Mtl	Supporting Mtl			
	1-06	666.79 lb	1387.50 lb	5195.30 lb	Passed - 48%	1.00	D + L
	18-11-06	656.57 lb	1500.00 lb	7656.23 lb	Passed - 44%	1.00	D + L

Design Notes:

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Loading:

				Maximum Load Magnitudes			
Type	Start	End	Source	Dead	Floor Live	Roof Live	Snow
Uniform	0-00	19-00-02	FC1 Floor Decking	14 lb/ft	55 lb/ft	-	-

Support Information:

				Maximum Analysis Reactions			
Support	Start	End	Source	Dead	Floor Live	Roof Live	Snow
1	0-00	2-06	W23(i25)	134.00 lb	535.00 lb	-	-
2	18-10-06	19-01-14	W39(i39)	131.00 lb	524.00 lb	-	-

Errors, Warnings & Notes:

* The dead loads used in the design of this member were applied to the structure as projected dead loads.
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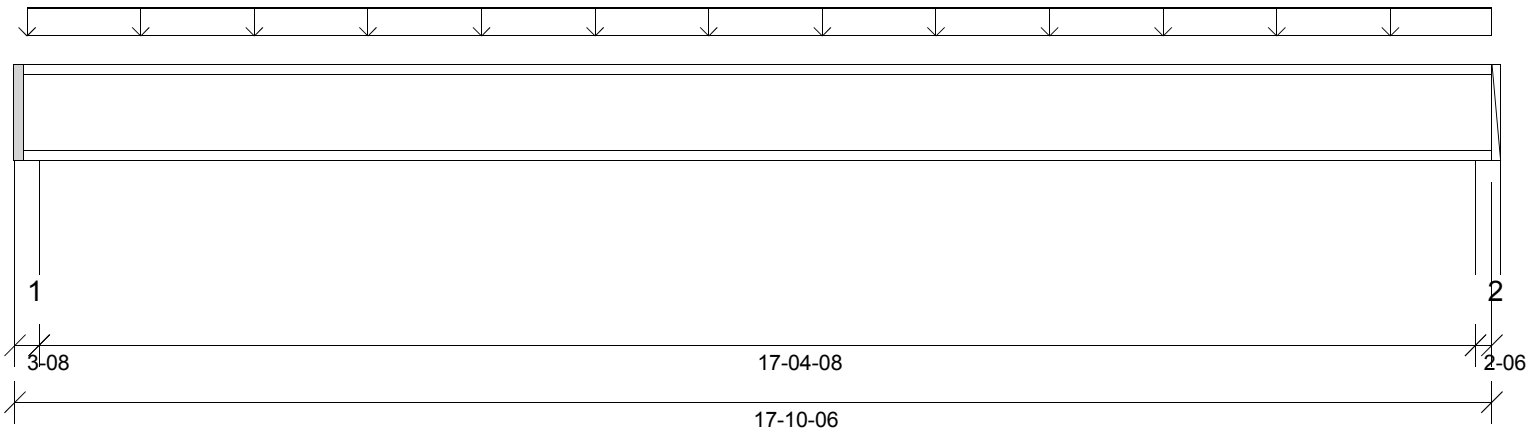
* A load bearing wall is supported by the I-joist at a location where the I-joist is supported by a member below. Please see manufacturer installation guidelines for requirements of blocking/squash blocks.



Graphical Illustration - Not To Scale
Member Cut Length - 17-10-06
MemberPitch - 0/12

Design Information:

Building Code:	IRC2015	Floor Dead Load:	10.0 lb/ft²	Roof Dead Load:	10.0 lb/ft²	Ground Snow Load:	20.0 lb/ft²
Design Methodology:	ASD	Floor Live Load:	40.0 lb/ft²	Roof Live Load:	20.0 lb/ft²		
		Unbraced Length Top:	0-00	Bottom:	17-04-08		

Design Results:

	Location	Design	Control		Result	LDF	Load Combination
Critical Moment (Pos)	8-11-12	3845.43 lb ft	4530.03 lb ft		Passed - 85%	1.00	D + L
Critical Shear	17-07-15	868.32 lb	1730.00 lb		Passed - 50%	1.00	D + L
Live Load Deflection	8-11-12	0-05	0-12 (L/480)		Passed - L/724	-	L
Total Load Deflection	8-11-12	0-06	1-00 (L/240)		Passed - L/579	-	D + L
Max. Reaction			Supported Mtl	Supporting Mtl			
	2-08	883.25 lb	1500.00 lb	7656.21 lb	Passed - 59%	1.00	D + L
	17-09-00	898.00 lb	1387.50 lb	5195.30 lb	Passed - 65%	1.00	D + L

Design Notes:

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Loading:

				Maximum Load Magnitudes			
Type	Start	End	Source	Dead	Floor Live	Roof Live	Snow
Uniform	1-12	17-10-06	FC1 Floor Decking	20 lb/ft	80 lb/ft	-	-

Support Information:

				Maximum Analysis Reactions			
Support	Start	End	Source	Dead	Floor Live	Roof Live	Snow
1	0-00	3-08	W39(i39)	176.00 lb	704.00 lb	-	-
2	17-08-00	17-10-06	W29(i31)	180.00 lb	721.00 lb	-	-

Errors, Warnings & Notes:

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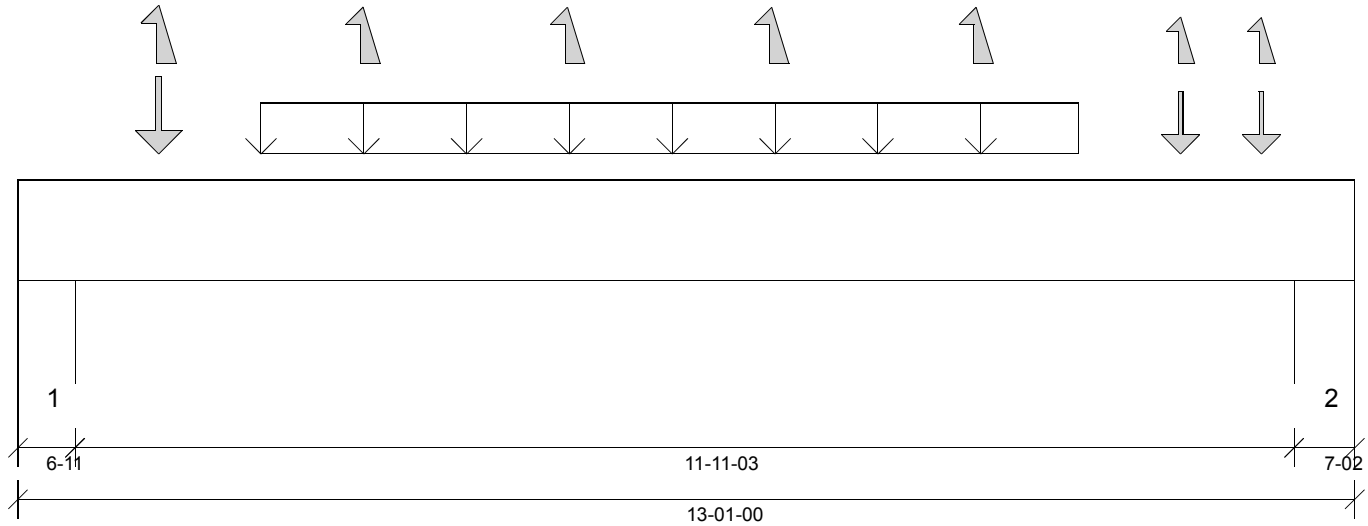
* Analysis and Design has been performed using precision loading from actual modeled conditions. Some loads may have been modified to simplify reporting.
* A load bearing wall is supported by the I-joist at a location where the I-joist is supported by a member below. Please see manufacturer installation guidelines for requirements of blocking/squash blocks.



Graphical Illustration - Not To Scale
Member Cut Length - 13-01-00
MemberPitch - 0/12

Design Information:

Building Code:	IRC2015	Floor Dead Load:	10.0 lb/ft²	Roof Dead Load:	10.0 lb/ft²	Ground Snow Load:	20.0 lb/ft²
Design Methodology:	ASD	Floor Live Load:	40.0 lb/ft²	Roof Live Load:	20.0 lb/ft²		
		Unbraced Length	Top: 1-10-08	Bottom: 1-10-08			

Design Results:

	Location	Design	Control		Result	LDF	Load Combination
Critical Moment (Pos)	7-04-09	12235.02 lb ft	24437.95 lb ft		Passed - 50%	1.15	D + Lr
Critical Moment (Neg)	7-04-09	-4068.24 lb ft	34000.63 lb ft		Passed - 12%	1.60	0.6D + 0.6W
Critical Shear	11-06-00	3928.19 lb	9081.41 lb		Passed - 43%	1.15	D + Lr
Live Load Deflection	6-06-04	0-04	0-12 (L/360)		Passed - L/652	-	0.6W
Total Load Deflection	6-06-05	0-06	1-00 (L/240)		Passed - L/412	-	D + 0.75(L + Lr + 0.6W)
Max. Reaction			Supported Mtl	Supporting Mtl			
	5-11	4191.86 lb	17586.81 lb	20517.95 lb	Passed - 24%	1.60	D + 0.75(L + Lr + 0.6W)
	5-11	-1391.66 lb	0.00 lb	-		1.60	0.6D + 0.6W
	12-06-14	4724.26 lb	18673.47 lb	21785.72 lb	Passed - 25%	1.60	D + 0.75(L + Lr + 0.6W)
	12-06-14	-1415.25 lb	0.00 lb	-		1.60	0.6D + 0.6W

Design Notes:

* Member design assumed proper ply to ply connection by others. Fastener spacing along length of member must not exceed 4 times depth of member. Verify connection between plies according to code specification and follow the manufacturer's installation instruction. Loads assumed to be distributed equally to each ply.
*

Loading:

				Maximum Load Magnitudes			
Type	Start	End	Source	Dead	Floor Live	Roof Live	Snow
Self Weight	0-00	13-01-00	Self Weight	12 lb/ft	-	-	-
Uniform	2-04-09	10-04-09	Smoothed Load	327 lb/ft	-	321 lb/ft	135 lb/ft
Point	1-04-09	1-04-09	A3(c01)	673.00 lb	-	679.00 lb	284.00 lb
Point	3-04-09	3-04-09	A3(c02)	-	-	-	-
Point	5-04-09	5-04-09	A4(c01)	-	-	-0.80 lb	-
Point	7-04-09	7-04-09	A4(c02)	-	-	-0.70 lb	-
Point	9-04-09	9-04-09	A4(c03)	-	-	-0.70 lb	-
Point	11-04-09	11-04-09	A4(c04)	570.00 lb	-	472.00/-0.50 lb	198.00 lb
Point	12-02-01	12-02-01	A4(c05)	566.00 lb	-	465.00/-0.50 lb	195.00 lb

Support Information:

				Maximum Analysis Reactions			
Support	Start	End	Source	Dead	Floor Live	Roof Live	Snow
1	0-00	6-11	-	2117.00 lb	-	2006.00/-1.00 lb	841.00 lb
++>	2-02	2-02	W49(i343)	1335.00 lb	-	1265.00/-1.00 lb	530.00 lb
++>	6-00	6-00	W50(i333)	782.00 lb	-	741.00 lb	311.00 lb
2	12-05-14	13-01-00	-	2467.00 lb	-	2178.00/-2.00 lb	914.00 lb
++>	12-06-10	12-06-10	W52(i339)	858.00 lb	-	758.00/-1.00 lb	318.00 lb
++>	12-10-11	12-10-11	W53(i345)	1609.00 lb	-	1420.00/-1.00 lb	596.00 lb

Errors, Warnings & Notes:

* CAUTION: The maximum net analysis reaction exceeds the user-defined maximum uplift value at one or more supports.
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