

Graphical Illustration - Not To Scale  
Member Cut Length - 14-06-06  
MemberPitch - 0/12

**Design Information:**

Building Code:	IRC2015	Floor Dead Load:	10.0 lb/ft <sup>2</sup>	Roof Dead Load:	10.0 lb/ft <sup>2</sup>	Ground Snow Load:	20.0 lb/ft <sup>2</sup>
Design Methodology:	ASD	Floor Live Load:	40.0 lb/ft <sup>2</sup>	Roof Live Load:	20.0 lb/ft <sup>2</sup>		
		Unbraced Length	Top: 0-00	Bottom:	14-04-00		

**Design Results:**

	Location	Design	Control	Result	LDF	Load Combination
Critical Moment (Pos)	7-02-08	2597.15 lb ft	4530.03 lb ft	Passed - 57%	1.00	D + L
Critical Shear	0-01	720.19 lb	1730.00 lb	Passed - 42%	1.00	D + L
Live Load Deflection	7-02-08	0-02	0-12 (L/480)	Passed - L/999	-	L
Total Load Deflection	7-02-08	0-03	1-00 (L/240)	Passed - L/981	-	D + L
Max. Reaction	0-00	735.30 lb	Supported Mtl 1325.00 lb Supporting Mtl 0.00 lb	Passed - 55%	1.00	D + L
	14-05-00	741.79 lb	1387.50 lb 5195.25 lb	Passed - 53%	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:**

Type	Start	End	Source	Maximum Load Magnitudes			
				Dead	Floor Live	Roof Live	Snow
Uniform	0-00	14-06-06	FC2 Floor Decking	20 lb/ft	80 lb/ft	-	-

**Support Information:**

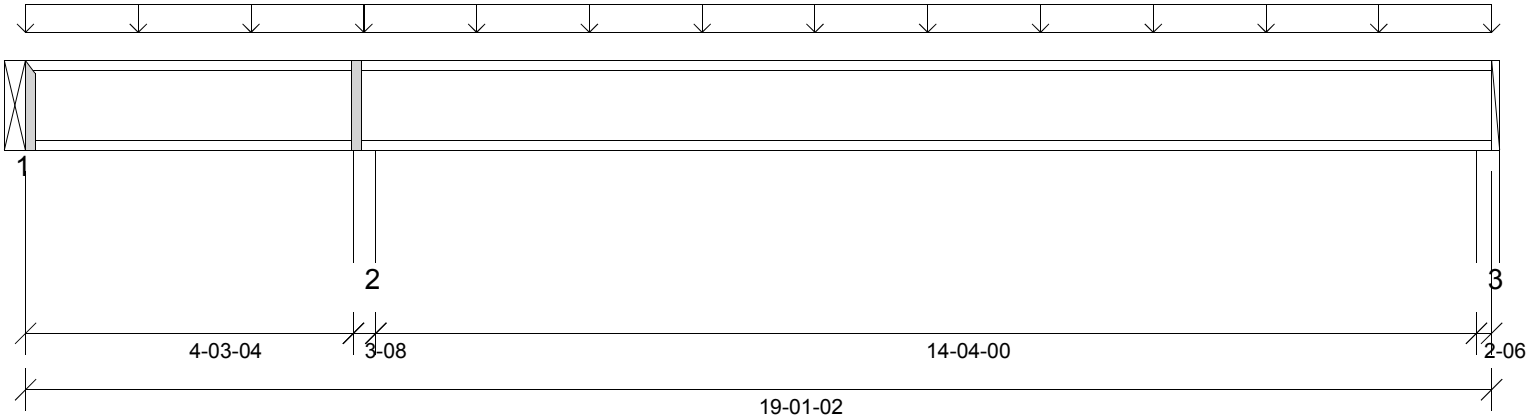
Support	Start	End	Source	Maximum Analysis Reactions			
				Dead	Floor Live	Roof Live	Snow
1	0-00	0-00	1BM3-2(i649)	147.00 lb	588.00 lb	-	-
2	14-04-00	14-06-06	W18(i17)	148.00 lb	593.00 lb	-	-

**Connector Information:**

Support	Manufacturer	Model	Nailing Requirements			W111 Seal Length	Other Information
			Top	Face	Member		
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 - 19-01-02  
MemberPitch - 0/12

**Design Information:**

Building Code:	IRC2015	Floor Dead Load:	10.0 lb/ft <sup>2</sup>	Roof Dead Load:	10.0 lb/ft <sup>2</sup>	Ground Snow Load:	20.0 lb/ft <sup>2</sup>
Design Methodology:	ASD	Floor Live Load:	40.0 lb/ft <sup>2</sup>	Roof Live Load:	20.0 lb/ft <sup>2</sup>		
		Unbraced Length Top:	0-00	Bottom:	14-04-00		

**Design Results:**

	Location	Design	Control	Result	LDF	Load Combination	
Critical Moment (Pos)	13-01-03	1726.06 lb ft	4530.03 lb ft	Passed - 38%	1.00	D + L	
Critical Moment (Neg)	4-05-00	-2090.04 lb ft	4530.03 lb ft	Passed - 46%	1.00	D + L	
Critical Shear	4-06-13	856.42 lb	1730.00 lb	Passed - 50%	1.00	D + L	
Live Load Deflection	12-05-03	0-01	0-12 (L/480)	Passed - L/999	-	L	
Total Load Deflection	12-05-04	0-02	1-00 (L/240)	Passed - L/999	-	D + L	
Max. Reaction	0-00	126.33 lb	Supported Mt/ 1325.00 lb	Supporting Mt/ 0.00 lb	Passed - 10%	1.00	D + L
	0-00	-416.69 lb	0.00 lb	-	1.00	D + L	
	4-05-00	1565.57 lb	3130.00 lb	7656.18 lb	Passed - 50%	1.00	D + L
	18-11-12	608.67 lb	1387.50 lb	5195.35 lb	Passed - 44%	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:**

Type	Start	End	Source	Maximum Load Magnitudes			
				Dead	Floor Live	Roof Live	Snow
Uniform	0-00	19-01-02	FC2 Floor Decking	20 lb/ft	80 lb/ft	-	-

**Support Information:**

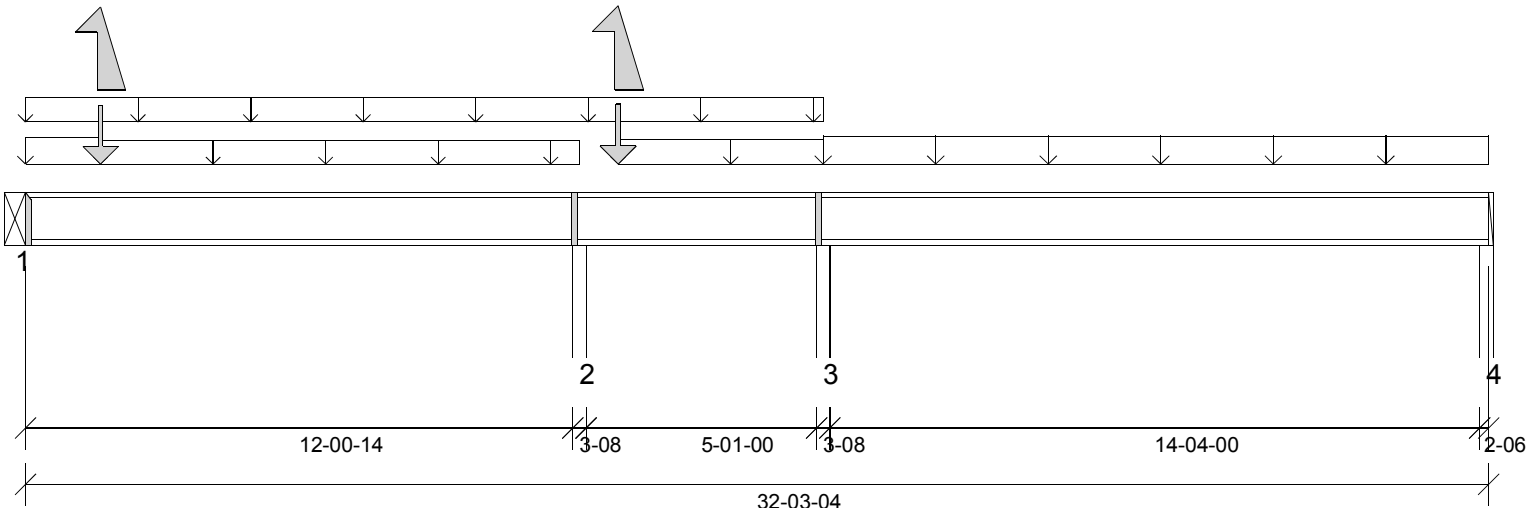
Support	Start	End	Source	Maximum Analysis Reactions			
				Dead	Floor Live	Roof Live	Snow
1	0-00	0-00	FJ6(i721)	-48.00 lb	175.00/-368.00 lb	-	-
2	4-03-04	4-06-12	W26(i26)	313.00 lb	1253.00 lb	-	-
3	18-10-12	19-01-02	W18(i17)	121.00 lb	488.00/-3.00 lb	-	-

**Connector Information:**

Support	Manufacturer	Model	Nailing Requirements			Will Seal Length	Other Information
			Top	Face	Member		
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 - 32-03-04  
MemberPitch - 0/12

**Design Information:**

Building Code:	IRC2015	Floor Dead Load:	10.0 lb/ft <sup>2</sup>	Roof Dead Load:	10.0 lb/ft <sup>2</sup>	Ground Snow Load:	20.0 lb/ft <sup>2</sup>
Design Methodology:	ASD	Floor Live Load:	40.0 lb/ft <sup>2</sup>	Roof Live Load:	20.0 lb/ft <sup>2</sup>		
		Unbraced Length	Top: 0-00	Bottom:	14-04-00		

**Design Results:**

	Location	Design	Control	Result	LDF	Load Combination
Critical Moment (Pos)	26-01-06	1822.28 lb ft	4530.03 lb ft	Passed - 40%	1.00	D + L
Critical Moment (Neg)	17-07-02	-2056.75 lb ft	4530.03 lb ft	Passed - 45%	1.00	D + L
Critical Shear	17-08-15	854.14 lb	1730.00 lb	Passed - 49%	1.00	D + L
Live Load Deflection	25-05-12	0-01	0-12 (L/480)	Passed - L/999	-	L
Total Load Deflection	25-05-14	0-02	1-00 (L/240)	Passed - L/999	-	D + L
Max. Reaction			Supported Mt   Supporting Mt			
	0-00	737.40 lb	1325.00 lb   0.00 lb	Passed - 56%	1.00	D + L
	0-00	-309.61 lb	0.00 lb   -		1.00	D + L
	12-02-10	1007.75 lb	3130.00 lb   7656.18 lb	Passed - 32%	1.00	D + L
	12-02-10	-475.54 lb	0.00 lb   -		1.00	D + L
	17-07-02	1554.60 lb	3130.00 lb   7656.18 lb	Passed - 50%	1.00	D + L
	32-01-14	624.82 lb	1387.51 lb   5195.45 lb	Passed - 45%	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:**

Type	Start	End	Source	Maximum Load Magnitudes			
				Dead	Floor Live	Roof Live	Snow
Uniform	0-00	17-07-02	FC2 Floor Decking	10 lb/ft	40 lb/ft	-	-
Uniform	0-00	1-07-14	FC2 Floor Decking	17 lb/ft	67 lb/ft	-	-
Uniform	1-07-14	12-02-10	FC2 Floor Decking	8 lb/ft	31 lb/ft	-	-
Uniform	13-00-14	17-07-02	FC2 Floor Decking	10 lb/ft	40 lb/ft	-	-
Uniform	17-07-02	32-03-04	FC2 Floor Decking	20 lb/ft	80 lb/ft	-	-
Point	1-07-14	1-07-14	FJ6(i711)	-78.00 lb	310.00/-434.00 lb	-	-
Point	13-00-14	13-00-14	FJ6(i721)	-40.00 lb	321.00/-483.00 lb	-	-

**Support Information:**

Support	Start	End	Source	Maximum Analysis Reactions			
				Dead	Floor Live	Roof Live	Snow
1	0-00	0-00	1BM2(i638)	45.00 lb	692.00/-698.00 lb	-	-
2	12-00-14	12-04-06	W25(i24)	79.00 lb	1287.00/-555.00 lb	-	-
3	17-05-06	17-08-14	W26(i26)	263.00 lb	1292.00/-65.00 lb	-	-
4	32-00-14	32-03-04	W18(i17)	124.00 lb	524.00/-219.00 lb	-	-

**Connector Information:**

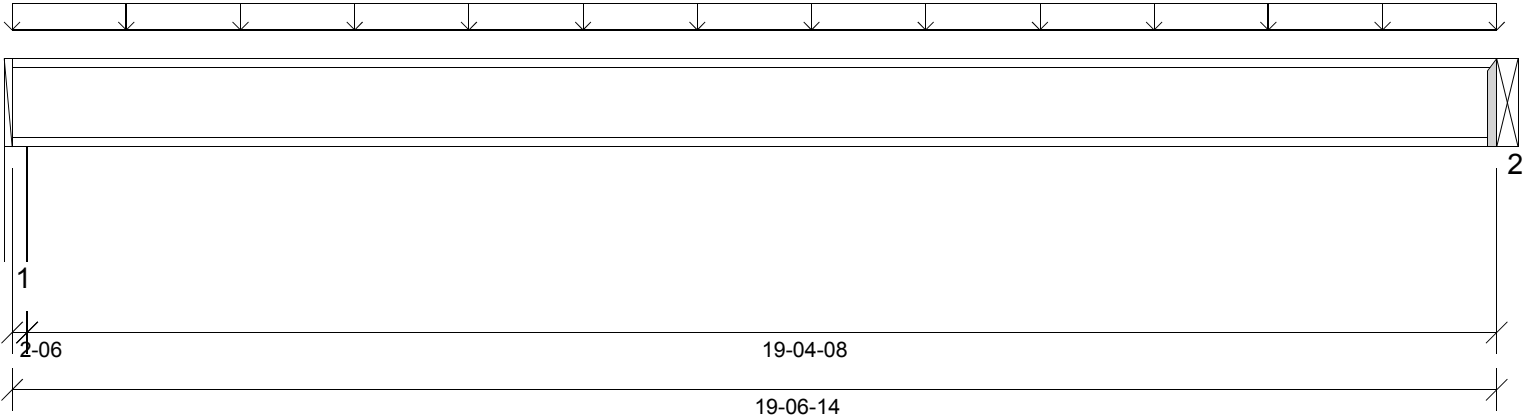
Support	Manufacturer	Model	Nailing Requirements			Weld Seal Length	Other Information
			Top	Face	Member		
1		ITS2.56/14	-	-	-	N/A	Connector manually specified by the user.

**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.

- Transfer reactions may differ from design results as allowed per building codes and standard load distribution practices.

- This report is based on modeled conditions input by the user. Source information for the loads and supports are provided for reference only. Verify that all loads and support conditions are correct.



Graphical Illustration - Not To Scale  
Member Cut Length - 19-06-14  
MemberPitch - 0/12

**Design Information:**

Building Code:	IRC2015	Floor Dead Load:	10.0 lb/ft <sup>2</sup>	Roof Dead Load:	10.0 lb/ft <sup>2</sup>	Ground Snow Load:	20.0 lb/ft <sup>2</sup>
Design Methodology:	ASD	Floor Live Load:	40.0 lb/ft <sup>2</sup>	Roof Live Load:	20.0 lb/ft <sup>2</sup>		
		Unbraced Length	Top: 0-00	Bottom:	19-04-08		

**Design Results:**

	Location	Design	Control	Result	LDF	Load Combination	
Critical Moment (Pos)	9-10-02	3154.66 lb ft	4530.03 lb ft	Passed - 70%	1.00	D + L	
Critical Shear	19-06-13	648.20 lb	1730.00 lb	Passed - 37%	1.00	D + L	
Live Load Deflection	9-10-02	0-05	0-12 (L/480)	Passed - L/781	-	L	
Total Load Deflection	9-10-02	0-06	1-00 (L/240)	Passed - L/625	-	D + L	
Max. Reaction	1-06	662.56 lb	Supported Mt 1387.50 lb	Supporting Mt 5195.29 lb	Passed - 48%	1.00	D + L
	19-06-14	658.27 lb	1325.00 lb	0.00 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:**

Type	Start	End	Source	Maximum Load Magnitudes			
				Dead	Floor Live	Roof Live	Snow
Uniform	0-00	19-06-14	FC2 Floor Decking	13 lb/ft	53 lb/ft	-	-

**Support Information:**

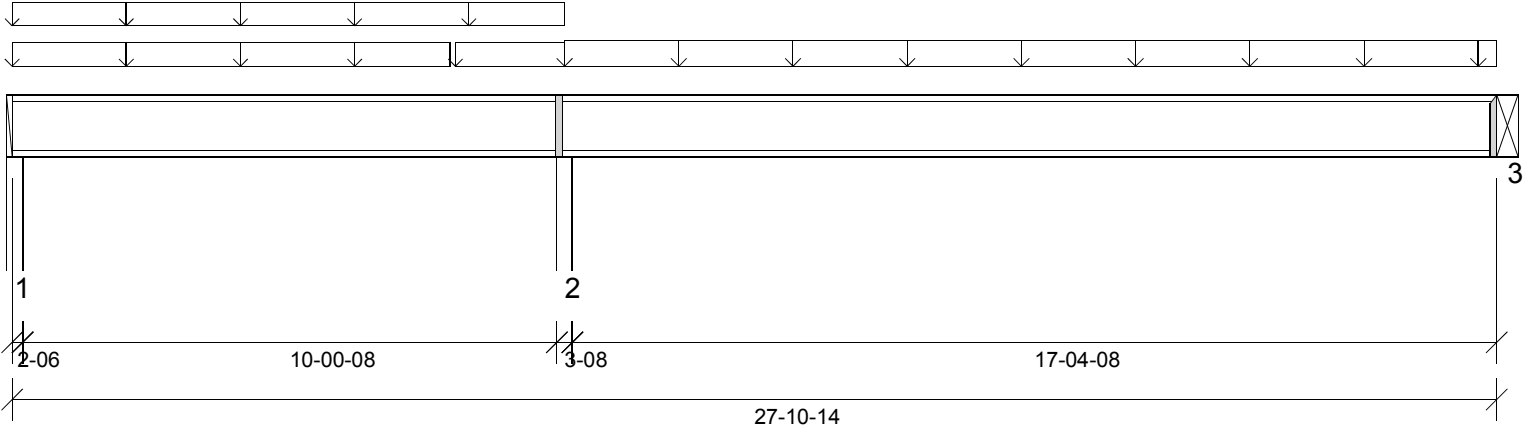
Support	Start	End	Source	Maximum Analysis Reactions			
				Dead	Floor Live	Roof Live	Snow
1	0-00	2-06	W16(i22)	133.00 lb	530.00 lb	-	-
2	19-06-14	19-06-14	1BM3-2(i649)	132.00 lb	527.00 lb	-	-

**Connector Information:**

Support	Manufacturer	Model	Nailing Requirements			With Seal Length	Other Information
			Top	Face	Member		
2		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 - 27-10-14  
MemberPitch - 0/12

**Design Information:**

Building Code:	IRC2015	Floor Dead Load:	10.0 lb/ft <sup>2</sup>	Roof Dead Load:	10.0 lb/ft <sup>2</sup>	Ground Snow Load:	20.0 lb/ft <sup>2</sup>
Design Methodology:	ASD	Floor Live Load:	40.0 lb/ft <sup>2</sup>	Roof Live Load:	20.0 lb/ft <sup>2</sup>		
		Unbraced Length	Top: 0-00	Bottom:	17-04-08		

**Design Results:**

	Location	Design	Control	Result	LDF	Load Combination	
Critical Moment (Pos)	20-07-00	1787.14 lb ft	4530.03 lb ft	Passed - 39%	1.00	D + L	
Critical Moment (Neg)	10-04-10	-1948.78 lb ft	4530.03 lb ft	Passed - 43%	1.00	D + L	
Critical Shear	10-06-07	685.18 lb	1730.00 lb	Passed - 40%	1.00	D + L	
Live Load Deflection	19-09-11	0-02	0-12 (L/480)	Passed - L/999	-	L	
Total Load Deflection	19-10-03	0-02	1-00 (L/240)	Passed - L/999	-	D + L	
Max. Reaction			<u>Supported Mt/</u> <u>Supporting Mt/</u>				
	1-06	307.61 lb	1387.50 lb	5195.33 lb	Passed - 22%	1.00	D + L
	1-06	-89.22 lb	0.00 lb	-		1.00	D + L
	10-04-10	1234.79 lb	3130.00 lb	7656.28 lb	Passed - 39%	1.00	D + L
	27-10-14	497.86 lb	1325.00 lb	0.00 lb	Passed - 38%	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:**

Type	Start	End	Source	Maximum Load Magnitudes			
				Dead	Floor Live	Roof Live	Snow
Uniform	0-00	10-04-10	FC2 Floor Decking	7 lb/ft	27 lb/ft	-	-
Uniform	0-00	8-02-14	FC2 Floor Decking	7 lb/ft	29 lb/ft	-	-
Uniform	8-04-00	10-04-10	FC2 Floor Decking	7 lb/ft	27 lb/ft	-	-
Uniform	10-04-10	27-10-14	FC2 Floor Decking	13 lb/ft	53 lb/ft	-	-

**Support Information:**

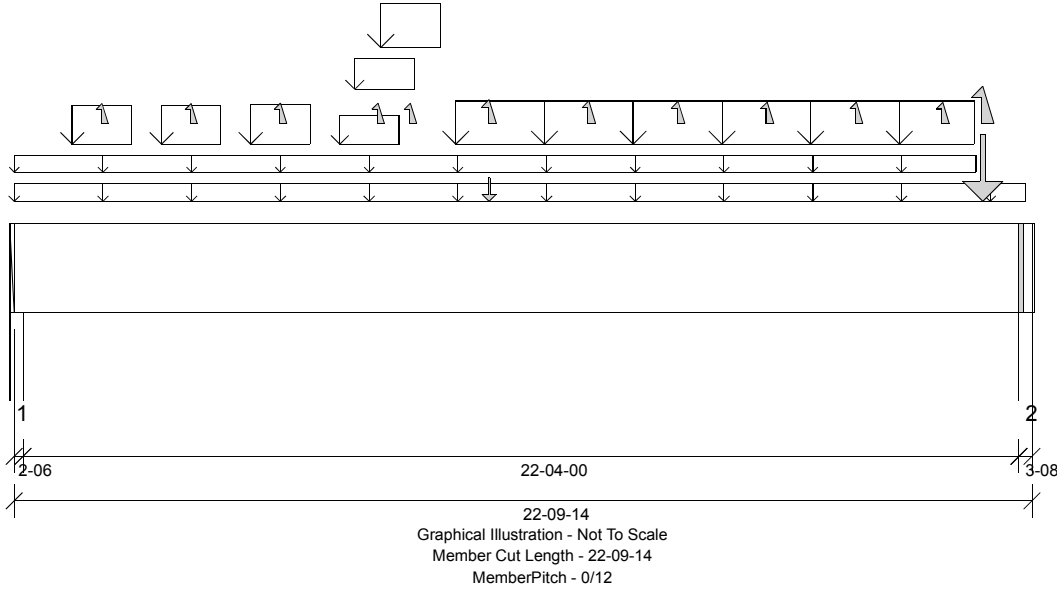
Support	Start	End	Source	Maximum Analysis Reactions			
				Dead	Floor Live	Roof Live	Snow
1	0-00	2-06	W14(i14)	36.00 lb	270.00/-126.00 lb	-	-
2	10-02-14	10-06-06	W41(i41)	247.00 lb	989.00 lb	-	-
3	27-10-14	27-10-14	1BM3-2(i649)	97.00 lb	401.00/-15.00 lb	-	-

**Connector Information:**

Support	Manufacturer	Model	Nailing Requirements			Mill Seal Length	Other Information
			Top	Face	Member		
3		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.



**Design Information:**

Building Code:	IRC2015	Floor Dead Load:	10.0 lb/ft <sup>2</sup>	Roof Dead Load:	10.0 lb/ft <sup>2</sup>	Ground Snow Load:	20.0 lb/ft <sup>2</sup>
Design Methodology:	ASD	Floor Live Load:	40.0 lb/ft <sup>2</sup>	Roof Live Load:	20.0 lb/ft <sup>2</sup>		
		Unbraced Length Top:	0-00	Bottom:	11-01-06		

**Design Notes:**

- \* Member was not designed due to missing strength properties. If possible select a new material or change the orientation of the member.
- \*

**Loading:**

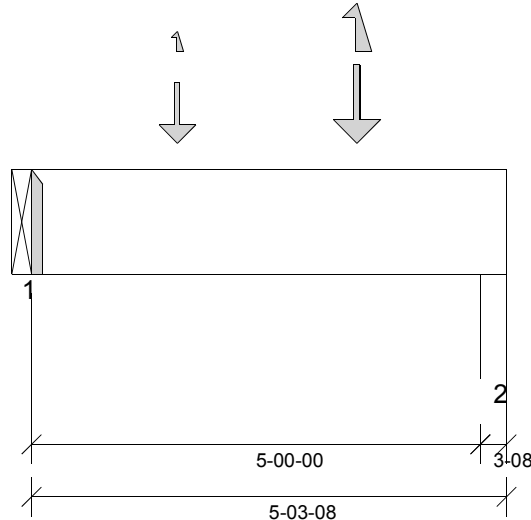
Type	Start	End	Source	Maximum Load Magnitudes			
				Dead	Floor Live	Roof Live	Snow
Self Weight	0-00	22-09-14	Self Weight	24 lb/ft	-	-	-
Uniform	0-00	22-08-02	FC2 Floor Decking	9 lb/ft	35 lb/ft	-	-
Uniform	0-00	21-06-14	FC2 Floor Decking	-	6 lb/ft	-	-
Uniform	1-03-10	2-07-10	W40(i34)	222 lb/ft	-	239 lb/ft	100 lb/ft
Uniform	3-03-10	4-07-10	W40(i34)	222 lb/ft	-	239 lb/ft	100 lb/ft
Uniform	5-03-10	6-07-10	W40(i34)	227 lb/ft	-	248 lb/ft	104 lb/ft
Uniform	7-03-10	8-07-10	W40(i34)	158 lb/ft	-	110 lb/ft	46 lb/ft
Uniform	7-07-10	8-11-10	W40(i34)	194 lb/ft	-	120 lb/ft	50 lb/ft
Uniform	8-02-10	9-06-10	W40(i34)	320 lb/ft	-	269 lb/ft	113 lb/ft
Uniform	9-10-13	21-06-06	W40(i34)	274 lb/ft	-	285 lb/ft	119 lb/ft
Point	10-07-12	10-07-12	-	205.00 lb	897.00/-210.00 lb	-	-
Point	1-11-10	1-11-10	W40(i34)	-	-	-	-
Point	3-11-10	3-11-10	W40(i34)	-	-	-	-
Point	5-11-10	5-11-10	W40(i34)	-	-	-	-
Point	8-01-15	8-01-15	-	-	-	-	-
Point	8-10-10	8-10-10	W40(i34)	-	-	-	-
Point	12-10-10	12-10-10	W40(i34)	-	-	-	-
Point	14-10-10	14-10-10	W40(i34)	-	-	-	-
Point	16-10-10	16-10-10	W40(i34)	-	-	-	-
Point	18-10-10	18-10-10	W40(i34)	-	-	-	-
Point	20-09-14	20-09-14	W40(i34)	-	-	-	-
Point	21-08-10	21-08-10	W40(i34)	2953.00 lb	-	2910.00/-22.00 lb	1200.00 lb

**Support Information:**

Support	Start	End	Source	Maximum Analysis Reactions			
				Dead	Floor Live	Roof Live	Snow
1	0-00	2-06	W14(i14)	2924.00 lb	960.00/-114.00 lb	2373.00/-1.00 lb	990.00 lb
2	22-06-06	22-09-14	W25(i24)	6006.00 lb	875.00/-96.00 lb	5483.00/-21.00 lb	2279.00 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 - 5-03-08  
MemberPitch - 0/12

**Design Information:**

Building Code:	IRC2015	Floor Dead Load:	10.0 lb/ft <sup>2</sup>	Roof Dead Load:	10.0 lb/ft <sup>2</sup>	Ground Snow Load:	20.0 lb/ft <sup>2</sup>
Design Methodology:	ASD	Floor Live Load:	40.0 lb/ft <sup>2</sup>	Roof Live Load:	20.0 lb/ft <sup>2</sup>		
		Unbraced Length	Top: 0-00	Bottom:	1-09-08		

**Design Results:**

	Location	Design	Control	Result	LDF	Load Combination	
Critical Moment (Pos)	3-07-08	1963.76 lb ft	14472.78 lb ft	Passed - 14%	1.00	D + L	
Critical Moment (Neg)	3-07-08	-431.96 lb ft	14472.78 lb ft	Passed - 3%	1.00	D + L	
Critical Shear	3-10-00	1342.95 lb	4655.00 lb	Passed - 29%	1.00	D + L	
Live Load Deflection	2-07-04	0-00	0-12 (L/360)	Passed - L/999	-	L	
Total Load Deflection	2-07-02	0-00	1-00 (L/240)	Passed - L/999	-	D + L	
Max. Reaction			<u>Supported Mt/</u>	<u>Supporting Mt/</u>			
	0-00	1101.43 lb	1101.43 lb	0.00 lb	Passed - 100%	1.00	D + L
	0-00	-5.80 lb	0.00 lb	-		1.00	D + L
	5-01-00	1353.37 lb	4593.73 lb	5359.35 lb	Passed - 29%	1.00	D + L
	5-01-00	-289.40 lb	0.00 lb	-		1.00	D + L

**Design Notes:**

\*

**Loading:**

Type	Start	End	Source	Maximum Load Magnitudes			
				Dead	Floor Live	Roof Live	Snow
Self Weight	0-00	5-03-08	Self Weight	7 lb/ft	-	-	-
Point	1-07-08	1-07-08	-	197.00 lb	794.00/-15.00 lb	-	-
Point	3-07-08	3-07-08	-	183.00 lb	1243.00/-698.00 lb	-	-

**Support Information:**

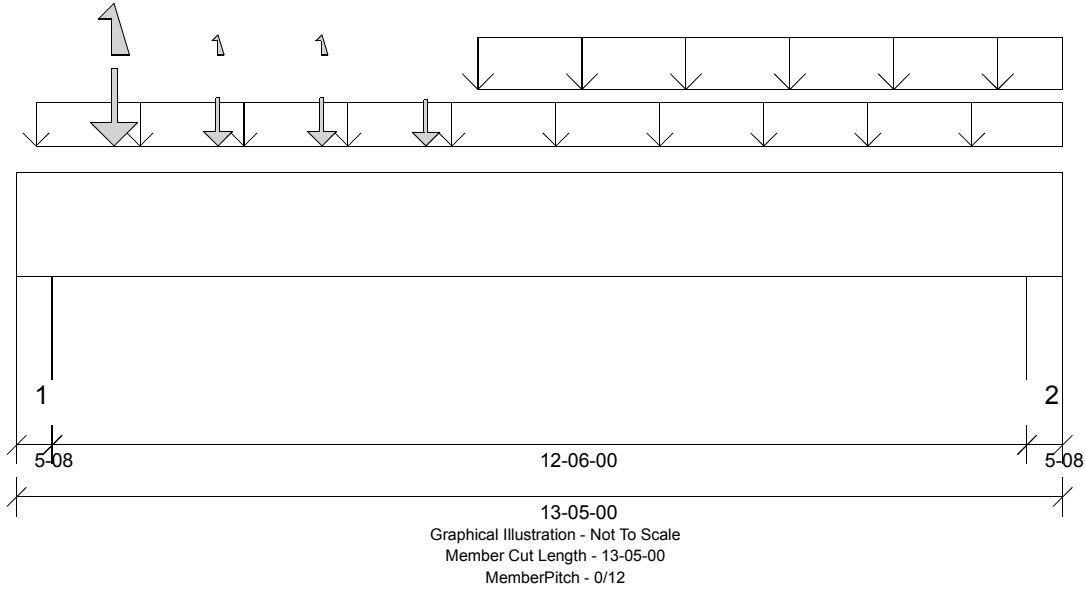
Support	Start	End	Source	Maximum Analysis Reactions			
				Dead	Floor Live	Roof Live	Snow
1	0-00	0-00	1BM1-2(i43)	205.00 lb	897.00/-210.00 lb	-	-
2	5-00-00	5-03-08	W24(i25)	213.00 lb	1140.00/-503.00 lb	-	-

**Connector Information:**

Support	Manufacturer	Model	Nailing Requirements			Will Seal Length	Other Information
			Top	Face	Member		
1		IUS1.81/14	-	-	-	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.



**Design Information:**

Building Code:	IRC2015	Floor Dead Load:	10.0 lb/ft <sup>2</sup>	Roof Dead Load:	10.0 lb/ft <sup>2</sup>	Ground Snow Load:	20.0 lb/ft <sup>2</sup>
Design Methodology:	ASD	Floor Live Load:	40.0 lb/ft <sup>2</sup>	Roof Live Load:	20.0 lb/ft <sup>2</sup>		
		Unbraced Length	Top: 0-00	Bottom:	1-01-12		

**Design Results:**

	Location	Design	Control	Result	LDF	Load Combination	
Critical Moment (Pos)	6-07-00	16695.13 lb ft	37034.88 lb ft	Passed - 45%	1.00	D + L	
Critical Moment (Neg)	13-00-08	-291.57 lb ft	37034.88 lb ft	Passed - 1%	1.00	D + L	
Critical Shear	11-07-08	4930.75 lb	10640.00 lb	Passed - 46%	1.00	D + L	
Live Load Deflection	6-08-10	0-03	0-12 (L/360)	Passed - L/919	-	L	
Total Load Deflection	6-08-10	0-03	1-00 (L/240)	Passed - L/723	-	D + L	
Max. Reaction	4-08	5429.08 lb	Supported Mtl 14437.43 lb	Supported Mtl 16843.66 lb	Passed - 38%	1.00	D + L
	13-00-08	6354.01 lb	14437.49 lb	16843.74 lb	Passed - 44%	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:**

Type	Start	End	Source	Maximum Load Magnitudes			
				Dead	Floor Live	Roof Live	Snow
Self Weight	0-00	13-05-00	Self Weight	16 lb/ft	-	-	-
Uniform	3-00	13-05-00	-	78 lb/ft	313 lb/ft	-	-
Uniform	5-11-00	13-05-00	Smoothed Load	106 lb/ft	422 lb/ft	-	-
Point	1-03-00	1-03-00	FJ28(i702)	139.00 lb	868.00/-558.00 lb	-	-
Point	2-07-00	2-07-00	FJ28(i722)	97.00 lb	401.00/-15.00 lb	-	-
Point	3-11-00	3-11-00	FJ28(i731)	97.00 lb	401.00/-15.00 lb	-	-
Point	5-03-00	5-03-00	FJ20(i699)	92.00 lb	370.00 lb	-	-

**Support Information:**

Support	Start	End	Source	Maximum Analysis Reactions			
				Dead	Floor Live	Roof Live	Snow
1	0-00	5-08	W26(i26)	1116.00 lb	4336.00/-543.00 lb	-	-
2	12-11-08	13-05-00	W27(i27)	1349.00 lb	4982.00/-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.