

**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:	7-04-00	Bottom:	7-00-08		

**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:**

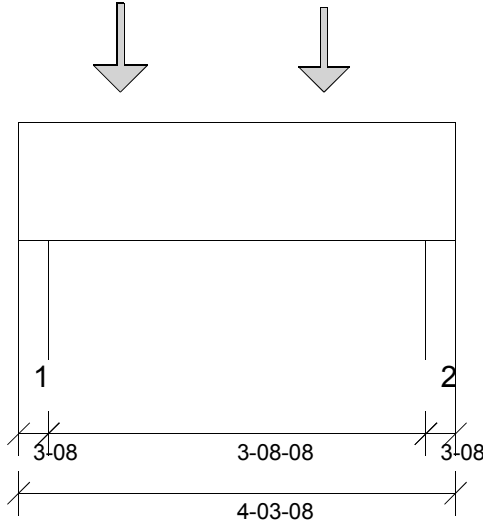
Type	Start	End	Source	Maximum Load Magnitudes			
				Dead	Floor Live	Roof Live	Snow
Self Weight	0-00	20-07-08	Self Weight	37 lb/ft	-	-	-
Uniform	7-04-00	8-00-12	W38(i153)	-	-	147 lb/ft	58 lb/ft
Uniform	8-04-00	20-04-00	Smoothed Load	66 lb/ft	266 lb/ft	-	-
Uniform	8-08-00	10-00-00	W38(i153)	527 lb/ft	-	576 lb/ft	215 lb/ft
Uniform	10-08-00	12-00-00	W38(i153)	532 lb/ft	-	588 lb/ft	218 lb/ft
Point	7-05-10	7-05-10	-	888.00 lb	310.00 lb	738.00/-17.00 lb	368.00 lb
Point	9-04-00	9-04-00	-	-	-14.00 lb	-76.00 lb	-
Point	11-04-00	11-04-00	-	-	-14.00 lb	-77.00 lb	-
Point	13-04-00	13-04-00	-	752.00 lb	-14.00 lb	871.00/-77.00 lb	327.00 lb
Point	15-04-00	15-04-00	-	745.00 lb	-14.00 lb	857.00/-77.00 lb	321.00 lb
Point	17-04-00	17-04-00	-	745.00 lb	-14.00 lb	857.00/-77.00 lb	321.00 lb
Point	19-04-00	19-04-00	-	746.00 lb	-14.00 lb	859.00/-77.00 lb	322.00 lb
Point	20-05-12	20-05-12	W37(i157)	1565.00 lb	-	1754.00/-271.00 lb	600.00 lb

**Support Information:**

Support	Start	End	Source	Maximum Analysis Reactions			
				Dead	Floor Live	Roof Live	Snow
1	0-00	3-08	W28(i150)	2539.00 lb	1160.00/-25.00 lb	2016.00/-154.00 lb	813.00 lb
2	20-04-00	20-07-08	-	5920.00 lb	2339.00/-59.00 lb	5578.00/-602.00 lb	2064.00 lb
++>	20-06-05	20-06-05	W16(i16)	3947.00 lb	1559.00/-39.00 lb	3719.00/-401.00 lb	1376.00 lb
++>	20-06-15	20-06-15	W20(i20)	1973.00 lb	780.00/-20.00 lb	1859.00/-201.00 lb	688.00 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 - 4-03-08  
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)	3-00-00	1410.12 lb ft	28945.56 lb ft	Passed - 5%	1.00	D + L	
Critical Shear	1-05-08	1551.85 lb	9310.00 lb	Passed - 17%	1.00	D + L	
Live Load Deflection	2-01-13	0-00	0-12 (L/360)	Passed - L/999	-	L	
Total Load Deflection	2-01-13	0-00	1-00 (L/240)	Passed - L/999	-	D + L	
Max. Reaction			Supported Mt	Supporting Mt			
	2-08	1572.69 lb	9187.50 lb	10718.75 lb	Passed - 17%	1.00	D + L
	4-01-00	1312.64 lb	9187.52 lb	10718.78 lb	Passed - 14%	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:**

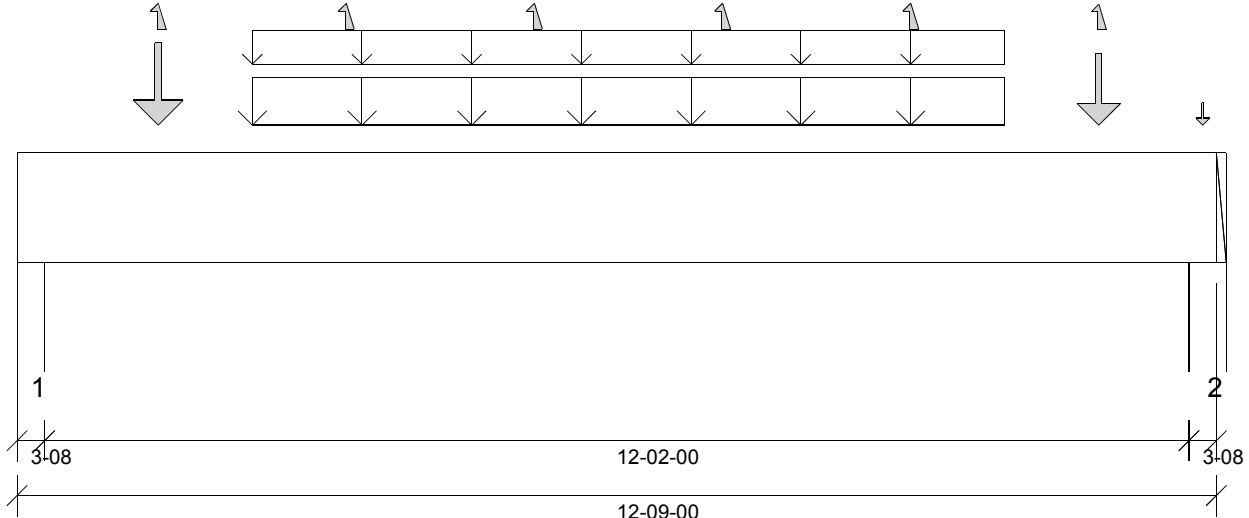
Type	Start	End	Source	Maximum Load Magnitudes			
				Dead	Floor Live	Roof Live	Snow
Self Weight	0-00	4-03-08	Self Weight	14 lb/ft	-	-	-
Point	1-00-00	1-00-00	-	292.00 lb	1166.00 lb	-	-
Point	3-00-00	3-00-00	-	273.00 lb	1093.00 lb	-	-

**Support Information:**

Support	Start	End	Source	Maximum Analysis Reactions			
				Dead	Floor Live	Roof Live	Snow
1	0-00	3-08	W21(i21)	339.00 lb	1233.00 lb	-	-
2	4-00-00	4-03-08	W24(i24)	287.00 lb	1026.00 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 - 12-09-00  
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)	5-06-00	11134.61 lb ft	28945.56 lb ft	Passed - 38%	1.00	D + L	
Critical Shear	1-05-08	3406.95 lb	9310.00 lb	Passed - 37%	1.00	D + L	
Live Load Deflection	6-04-06	0-03	0-12 (L/360)	Passed - L/932	-	L	
Total Load Deflection	6-04-06	0-03	1-00 (L/240)	Passed - L/743	-	D + L	
Max. Reaction	2-08	3427.78 lb	Supported Mt 9187.63 lb	Supporting Mt 10718.90 lb	Passed - 37%	1.00	D + L
	12-06-08	3423.39 lb	9187.48 lb	10718.73 lb	Passed - 37%	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:**

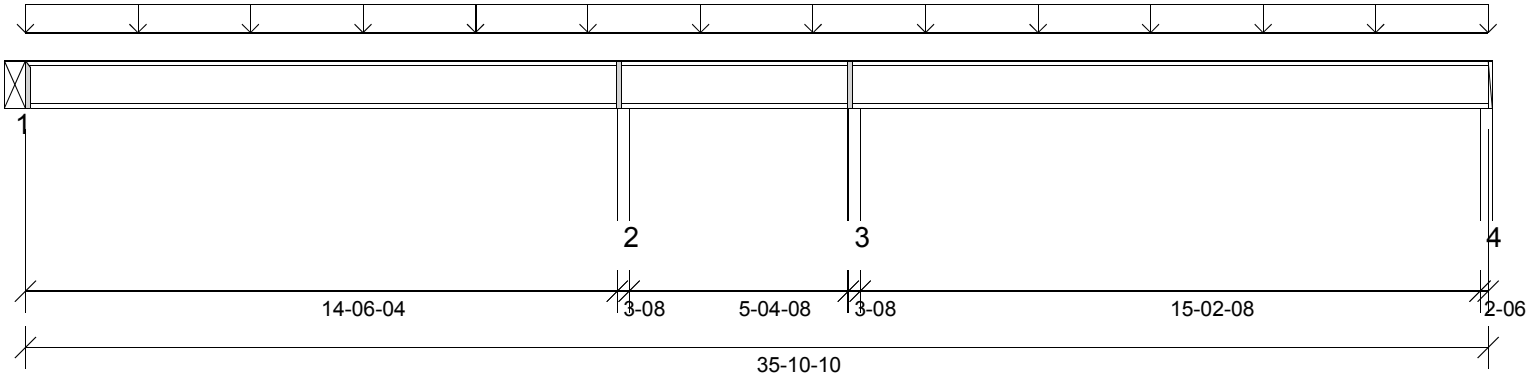
Type	Start	End	Source	Maximum Load Magnitudes			
				Dead	Floor Live	Roof Live	Snow
Self Weight	0-00	12-09-00	Self Weight	14 lb/ft	-	-	-
Uniform	2-06-00	10-06-00	Smoothed Load	78 lb/ft	312 lb/ft	-	-
Uniform	2-06-00	10-06-00	Smoothed Load	28 lb/ft	158 lb/ft	-	-
Point	1-06-00	1-06-00	-	205.00 lb	917.00/-98.00 lb	-	-
Point	3-06-00	3-06-00	FJ22(i894)	-	-98.00 lb	-	-
Point	5-06-00	5-06-00	FJ22(i896)	-	-98.00 lb	-	-
Point	7-06-00	7-06-00	FJ22(i997)	-	-98.00 lb	-	-
Point	9-06-00	9-06-00	FJ22(i979)	-	-98.00 lb	-	-
Point	11-06-00	11-06-00	-	171.00 lb	763.00/-80.00 lb	-	-
Point	12-07-04	12-07-04	W39(i232)	13.00 lb	-	11.00 lb	4.00 lb

**Support Information:**

Support	Start	End	Source	Maximum Analysis Reactions			
				Dead	Floor Live	Roof Live	Snow
1	0-00	3-08	W24(i24)	703.00 lb	2725.00/-287.00 lb	-	-
2	12-05-08	12-09-00	W15(i18)	713.00 lb	2711.00/-283.00 lb	11.00 lb	4.00 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 - 35-10-10  
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:	15-02-08		

**Design Results:**

	Location	Design	Control	Result	LDF	Load Combination	
Critical Moment (Pos)	29-03-15	2072.91 lb ft	4530.03 lb ft	Passed - 46%	1.00	D + L	
Critical Moment (Neg)	20-04-00	-2261.44 lb ft	4530.03 lb ft	Passed - 50%	1.00	D + L	
Critical Shear	20-05-13	903.15 lb	1730.00 lb	Passed - 52%	1.00	D + L	
Live Load Deflection	28-08-01	0-02	0-12 (L/480)	Passed - L/999	-	L	
Total Load Deflection	28-08-02	0-02	1-00 (L/240)	Passed - L/999	-	D + L	
Max. Reaction			<u>Supported Mtl</u> <u>Supporting Mtl</u>				
	0-00	662.06 lb	1325.00 lb	0.00 lb	Passed - 50%	1.00	D + L
	14-08-00	1087.07 lb	3130.00 lb	7656.23 lb	Passed - 35%	1.00	D + L
	20-04-00	1568.08 lb	3130.00 lb	7656.28 lb	Passed - 50%	1.00	D + L
	35-09-04	664.98 lb	1387.50 lb	5195.35 lb	Passed - 48%	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	35-10-10	FC1 Floor Decking	20 lb/ft	80 lb/ft	-	-

**Support Information:**

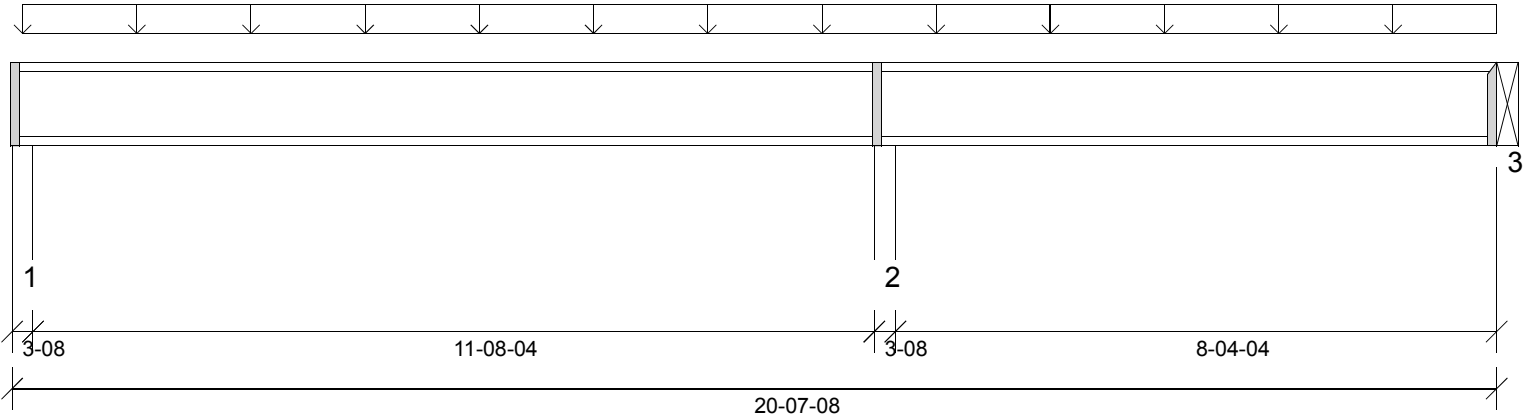
Support	Start	End	Source	Maximum Analysis Reactions			
				Dead	Floor Live	Roof Live	Snow
1	0-00	0-00	1BM1-3(i26)	131.00 lb	531.00/-14.00 lb	-	-
2	14-06-04	14-09-12	W19(i19)	217.00 lb	1244.00 lb	-	-
3	20-02-04	20-05-12	W21(i21)	248.00 lb	1186.00/-99.00 lb	-	-
4	35-08-04	35-10-10	W14(i14)	132.00 lb	533.00/-5.00 lb	-	-

**Connector Information:**

Support	Manufacturer	Model	Nailing Requirements			W/In 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 - 20-07-08  
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:	11-08-04		

**Design Results:**

	Location	Design	Control	Result	LDF	Load Combination
Critical Moment (Pos)	5-02-13	1262.85 lb ft	4530.03 lb ft	Passed - 28%	1.00	D + L
Critical Moment (Neg)	12-01-08	-1412.02 lb ft	4530.03 lb ft	Passed - 31%	1.00	D + L
Critical Shear	11-11-11	699.20 lb	1730.00 lb	Passed - 40%	1.00	D + L
Live Load Deflection	5-09-02	0-01	0-12 (L/480)	Passed - L/999	-	L
Total Load Deflection	5-08-10	0-01	1-00 (L/240)	Passed - L/999	-	D + L
Max. Reaction			<u>Supported Mt</u> <u>Supporting Mt</u>			
	2-08	508.85 lb	1500.00 lb    7656.30 lb	Passed - 34%	1.00	D + L
	12-01-08	1305.42 lb	3130.00 lb    7656.18 lb	Passed - 42%	1.00	D + L
	20-07-08	370.97 lb	1325.00 lb    0.00 lb	Passed - 28%	1.00	D + L
	20-07-08	-42.81 lb	0.00 lb    -		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	1-12	20-07-08	FC1 Floor Decking	20 lb/ft	80 lb/ft	-	-

**Support Information:**

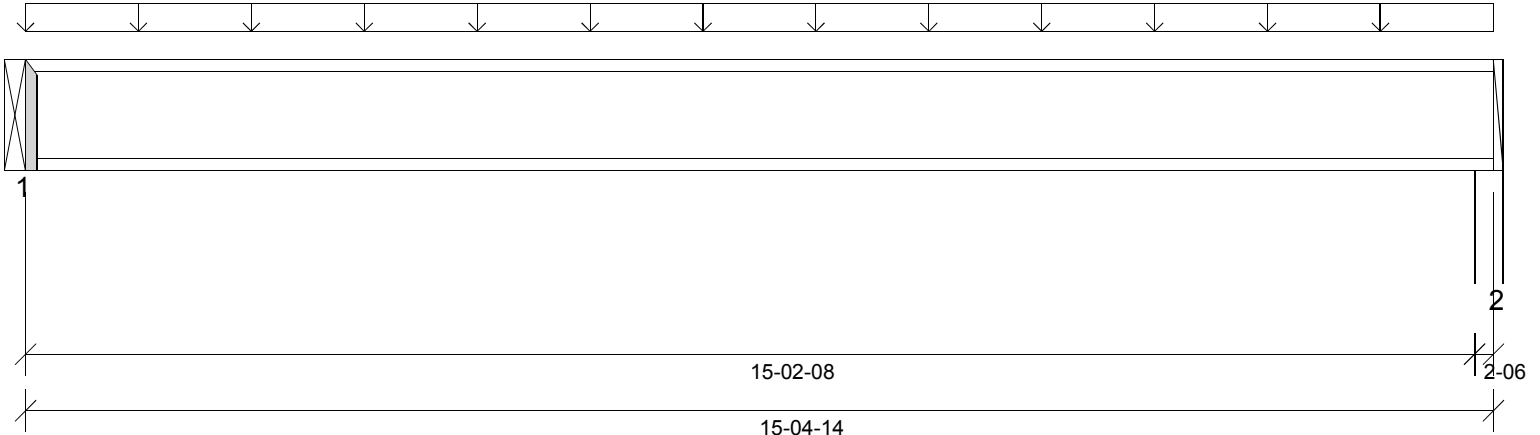
Support	Start	End	Source	Maximum Analysis Reactions			
				Dead	Floor Live	Roof Live	Snow
1	0-00	3-08	W16(i16)	96.00 lb	409.00/-25.00 lb	-	-
2	11-11-12	12-03-04	W25(i25)	262.00 lb	1048.00 lb	-	-
3	20-07-08	20-07-08	1BM3-2(i1007)	55.00 lb	316.00/-98.00 lb	-	-

**Connector Information:**

Support	Manufacturer	Model	Nailing Requirements			Will 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.



Graphical Illustration - Not To Scale  
Member Cut Length - 15-04-14  
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:	15-02-08		

**Design Results:**

	Location	Design	Control	Result	LDF	Load Combination
Critical Moment (Pos)	7-07-12	2922.09 lb ft	4530.03 lb ft	Passed - 65%	1.00	D + L
Critical Shear	0-01	763.95 lb	1730.00 lb	Passed - 44%	1.00	D + L
Live Load Deflection	7-07-12	0-03	0-12 (L/480)	Passed - L/999	-	L
Total Load Deflection	7-07-12	0-03	1-00 (L/240)	Passed - L/840	-	D + L
Max. Reaction	0-00	779.05 lb	Supported Mtl 1325.00 lb Supporting Mtl 0.00 lb	Passed - 59%	1.00	D + L
	15-03-08	785.53 lb	1387.50 lb 5195.30 lb	Passed - 57%	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	15-04-14	FC1 Floor Decking	20 lb/ft	80 lb/ft	-	-

**Support Information:**

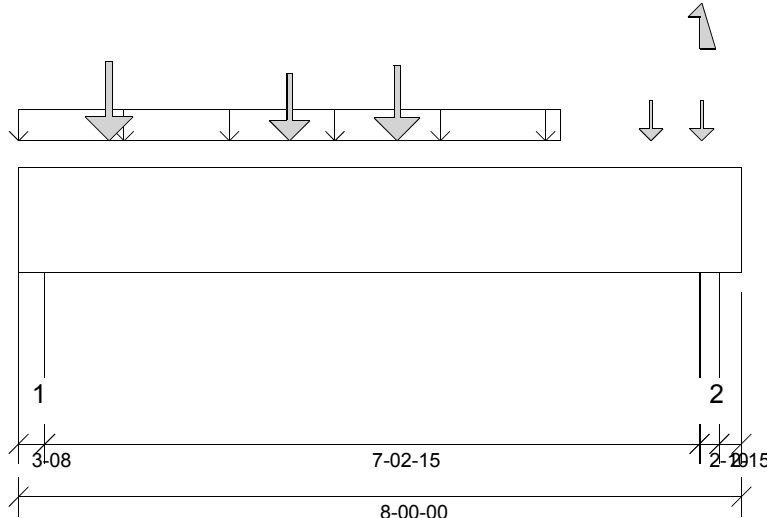
Support	Start	End	Source	Maximum Analysis Reactions			
				Dead	Floor Live	Roof Live	Snow
1	0-00	0-00	1BM3-2(i1007)	156.00 lb	623.00 lb	-	-
2	15-02-08	15-04-14	W14(i14)	157.00 lb	628.00 lb	-	-

**Connector Information:**

Support	Manufacturer	Model	Nailing Requirements			Nail 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 - 8-00-00  
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)	3-07-04	3431.14 lb ft	28945.56 lb ft	Passed - 12%	1.00	D + L	
Critical Shear	1-05-08	1974.68 lb	9310.00 lb	Passed - 21%	1.00	D + L	
Live Load Deflection	3-10-01	0-00	0-12 (L/360)	Passed - L/999	-	L	
Total Load Deflection	3-10-01	0-00	1-00 (L/240)	Passed - L/999	-	D + L	
Max. Reaction			Supported Mt	Supporting Mt			
	2-08	1995.51 lb	9187.42 lb	10718.66 lb	Passed - 22%	1.00	D + L
	7-07-12	1304.79 lb	6890.59 lb	8039.03 lb	Passed - 19%	1.00	D + L

**Design Notes:**

- \* The deflection at the cantilever for either live and/or total loads is less than 3/8" and therefore has been excluded from the deflection ratio considerations.
- \* 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:**

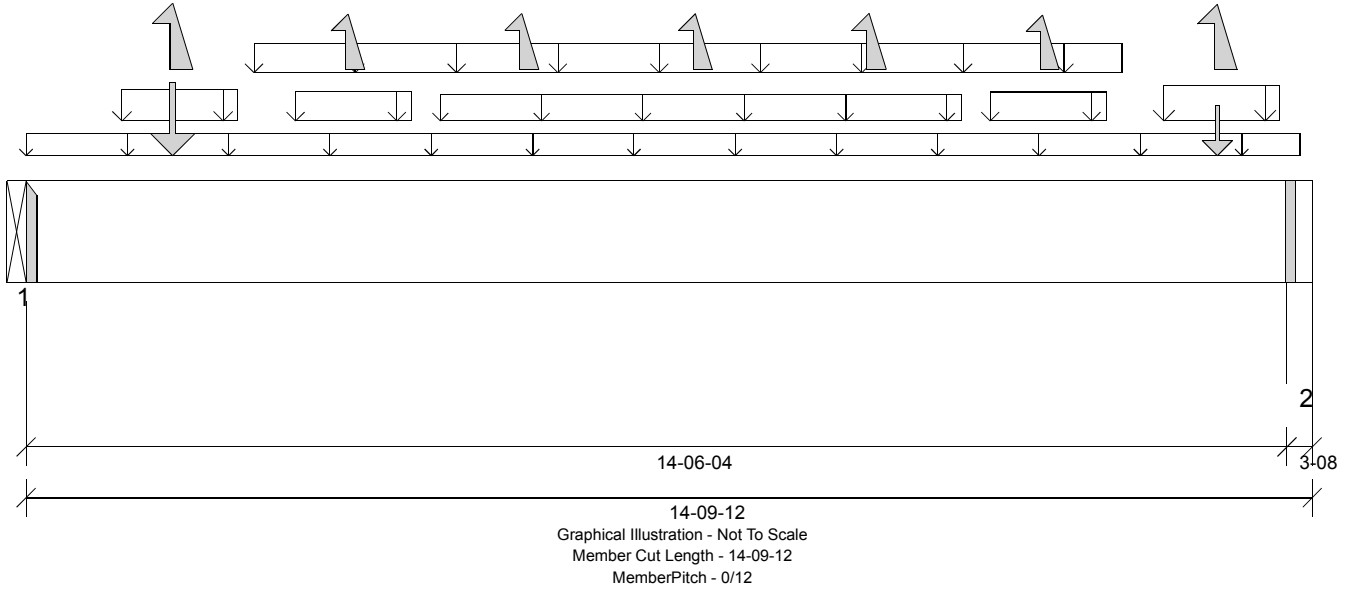
Type	Start	End	Source	Maximum Load Magnitudes			
				Dead	Floor Live	Roof Live	Snow
Self Weight	0-00	8-00-00	Self Weight	14 lb/ft	-	-	-
Uniform	0-00	6-00-00	Smoothed Load	36 lb/ft	144 lb/ft	-	-
Point	7-00-00	7-00-00	FJ8(i980)	46.00 lb	184.00 lb	-	-
Point	7-06-12	7-06-12	FJ8(i866)	-91.00 lb	103.00 lb	13.00/-127.00 lb	-39.00 lb
Point	1-00-00	1-00-00	FJ14(i1004)	136.00 lb	543.00 lb	-	-
Point	3-00-00	3-00-00	FJ14(i986)	109.00 lb	436.00 lb	-	-
Point	4-02-04	4-02-04	FJ12(i999)	128.00 lb	512.00 lb	-	-

**Support Information:**

Support	Start	End	Source	Maximum Analysis Reactions			
				Dead	Floor Live	Roof Live	Snow
1	0-00	3-08	W20(i20)	444.00 lb	1551.00 lb	-	-
2	7-06-07	7-09-01	W26(i142)	214.00 lb	1091.00 lb	13.00/-127.00 lb	-39.00 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.



**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:	1-10-08		

**Design Results:**

	Location	Design	Control	Result	LDF	Load Combination
Critical Moment (Pos)	7-07-08	6266.58 lb ft	33287.39 lb ft	Passed - 19%	1.15	D + 0.75(L + Lr)
Critical Moment (Neg)	7-09-04	-702.18 lb ft	46312.89 lb ft	Passed - 2%	1.60	0.6D + 0.6W
Critical Shear	1-02-00	1585.69 lb	10706.50 lb	Passed - 15%	1.15	D + 0.75(L + Lr)
Live Load Deflection	7-03-08	0-01	0-12 (L/360)	Passed - L/999	-	0.75(L + Lr + 0.6W)
Total Load Deflection	7-03-08	0-03	1-00 (L/240)	Passed - L/999	-	D + 0.75(L + Lr + 0.6W)
Max. Reaction			Supported Mt   Supporting Mt			
	0-00	1674.52 lb	1674.52 lb   0.00 lb	Passed - 100%	1.15	D + 0.75(L + Lr)
	0-00	-170.46 lb	0.00 lb   -		1.60	0.6D + 0.6W
	14-07-04	1754.93 lb	9187.51 lb   10718.76 lb	Passed - 19%	1.15	D + 0.75(L + Lr)
	14-07-04	-200.47 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:**

Type	Start	End	Source	Maximum Load Magnitudes			
				Dead	Floor Live	Roof Live	Snow
Self Weight	0-00	14-09-12	Self Weight	14 lb/ft	-	-	-
Uniform	0-00	14-08-00	FC1 Floor Decking	10 lb/ft	40 lb/ft	-	-
Uniform	1-01-04	2-05-04	W31(i155)	68 lb/ft	-	79 lb/ft	28 lb/ft
Uniform	2-07-08	12-07-08	Smoothed Load	63 lb/ft	-	56 lb/ft	34 lb/ft
Uniform	3-01-04	4-05-04	W31(i155)	56 lb/ft	-	69 lb/ft	23 lb/ft
Uniform	4-09-04	10-09-04	W31(i155)	39 lb/ft	-	44 lb/ft	16 lb/ft
Uniform	11-01-04	12-05-04	W31(i155)	56 lb/ft	-	66 lb/ft	23 lb/ft
Uniform	13-01-04	14-05-04	W31(i155)	66 lb/ft	-	134 lb/ft	32 lb/ft
Point	1-08-04	1-08-04	-	154.00 lb	-	171.00/-5.00 lb	103.00 lb
Point	3-08-08	3-08-08	-	-	-	-3.00 lb	-
Point	5-08-08	5-08-08	-	-	-	-3.00 lb	-
Point	7-08-08	7-08-08	-	-	-	-3.00 lb	-
Point	9-08-08	9-08-08	-	-	-	-3.00 lb	-
Point	11-08-08	11-08-08	-	-	-	-7.00 lb	-
Point	13-08-10	13-08-10	-	113.00 lb	-	87.00/-65.00 lb	53.00 lb

**Support Information:**

Support	Start	End	Source	Maximum Analysis Reactions			
				Dead	Floor Live	Roof Live	Snow
1	0-00	0-00	1BM1-3(i26)	888.00 lb	310.00 lb	738.00/-17.00 lb	368.00 lb
2	14-06-04	14-09-12	W12(i15)	927.00 lb	295.00 lb	810.00/-72.00 lb	368.00 lb

**Connector Information:**

Support	Manufacturer	Model	Nailing Requirements			W11 Seal Length	Other Information
			Top	Face	Member		
1		MIU3.56/14	-	-	-	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.

- 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.





**Job: 21-5290 PARKS BUILDING SUPPLY JSJ-PINEWOOD B-LOT #26 WFS**

Member Type: Beam | Level: 2nd Floor

Designed by Single Member Design Engine

**Member: 2 - 1 3/4" x 14" (2.0E 3100) LVL**

**Label: 1BM5-2-i877**

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Date: 08/16/2021 14:30:41

**Status: Design Passed**

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\* 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.

- 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.