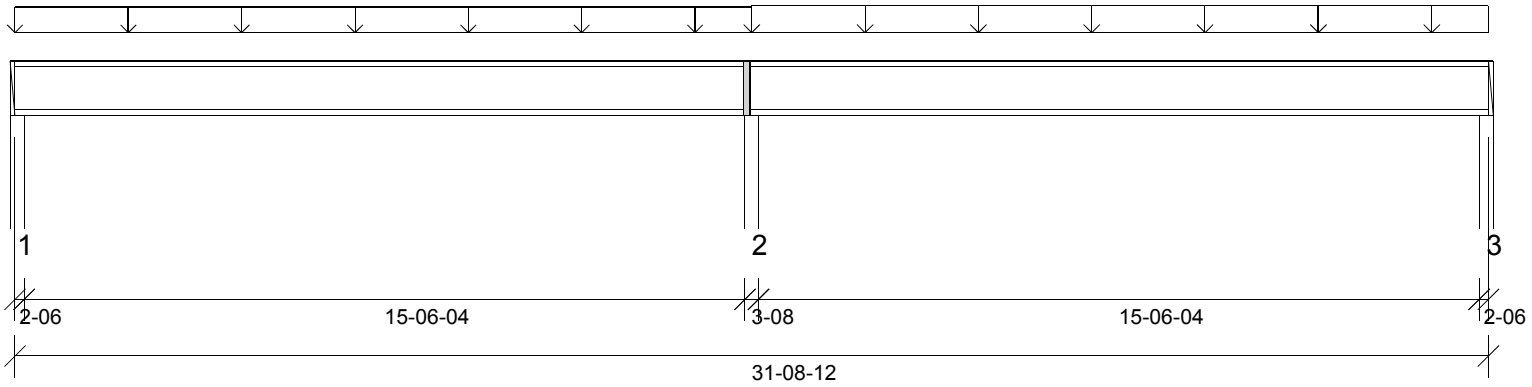

Graphical Illustration - Not To Scale
Member Cut Length - 31-08-12
MemberPitch - 0/12

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:	15-06-04		

Design Results:

	Location	Design	Control		Result	LDF	Load Combination
Critical Moment (Pos)	24-10-09	1811.47 lb ft	4530.03 lb ft		Passed - 40%	1.00	D + L
Critical Moment (Neg)	15-10-06	-2232.11 lb ft	4530.03 lb ft		Passed - 49%	1.00	D + L
Critical Shear	16-00-03	759.15 lb	1730.00 lb		Passed - 44%	1.00	D + L
Live Load Deflection	24-02-01	0-02	0-12 (L/480)		Passed - L/999	-	L
Total Load Deflection	24-03-04	0-02	1-00 (L/240)		Passed - L/999	-	D + L
Max. Reaction			Supported Mtl	Supporting Mtl			
	1-06	439.13 lb	1387.50 lb	5195.31 lb	Passed - 32%	1.00	D + L
	15-10-06	1417.36 lb	3130.00 lb	7656.28 lb	Passed - 45%	1.00	D + L
	31-07-06	555.05 lb	1387.51 lb	5195.45 lb	Passed - 40%	1.00	D + L

Design Notes:

*

Loading:

				Maximum Load Magnitudes			
Type	Start	End	Source	Dead	Floor Live	Roof Live	Snow
Uniform	0-00	15-10-06	FC1 Floor Decking	13 lb/ft	51 lb/ft	-	-
Uniform	15-10-06	31-08-12	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	2-06	W18(i13)	75.00 lb	364.00/-63.00 lb	-	-
2	15-08-10	16-00-02	W19(i19)	283.00 lb	1134.00 lb	-	-
3	31-06-06	31-08-12	W13(i15)	101.00 lb	454.00/-50.00 lb	-	-

Errors, Warnings & Notes:

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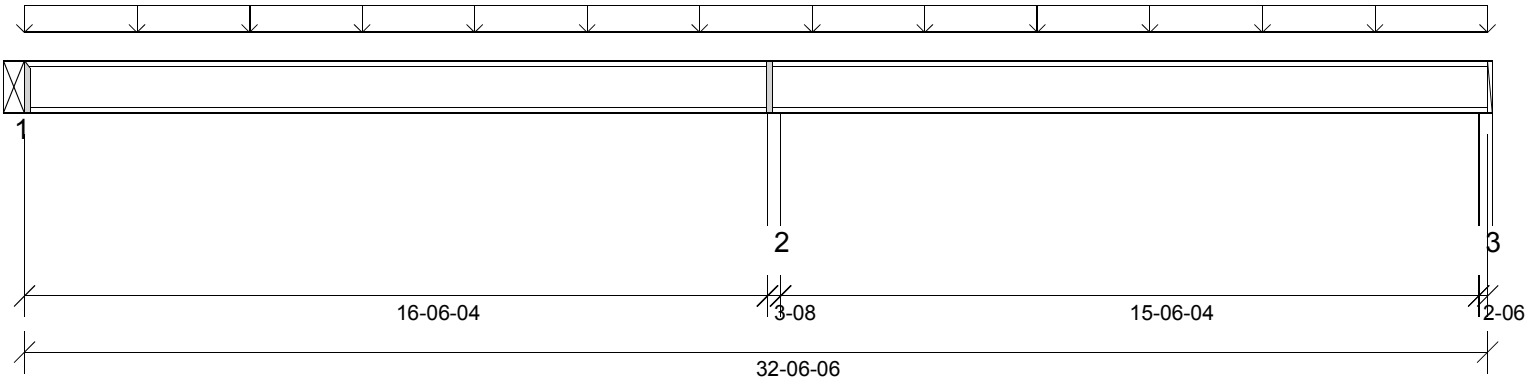
* A load bearing wall is supported by the I-joist at a location where the I-joist is supported by a member below. Please see manufacturer installation guidelines for requirements of blocking/squash blocks.



Graphical Illustration - Not To Scale
Member Cut Length - 32-06-06
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:	16-06-04		

Design Results:

	Location	Design	Control		Result	LDF	Load Combination
Critical Moment (Pos)	7-01-00	2004.59 lb ft	4530.03 lb ft		Passed - 44%	1.00	D + L
Critical Moment (Neg)	16-08-00	-2631.36 lb ft	4530.03 lb ft		Passed - 58%	1.00	D + L
Critical Shear	16-06-03	812.04 lb	1730.00 lb		Passed - 47%	1.00	D + L
Live Load Deflection	7-10-04	0-02	0-12 (L/480)		Passed - L/999	-	L
Total Load Deflection	7-08-15	0-03	1-00 (L/240)		Passed - L/999	-	D + L
Max. Reaction			Supported Mtl	Supporting Mtl			
	0-00	577.81 lb	1325.00 lb	0.00 lb	Passed - 44%	1.00	D + L
	16-08-00	1620.68 lb	3130.00 lb	7656.18 lb	Passed - 52%	1.00	D + L
	32-05-00	551.76 lb	1387.50 lb	5195.35 lb	Passed - 40%	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	32-06-06	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	1BM1-2(i76)	104.00 lb	474.00/-58.00 lb	-	-
2	16-06-04	16-09-12	W19(i19)	324.00 lb	1297.00 lb	-	-
3	32-04-00	32-06-06	W13(i15)	96.00 lb	456.00/-72.00 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:

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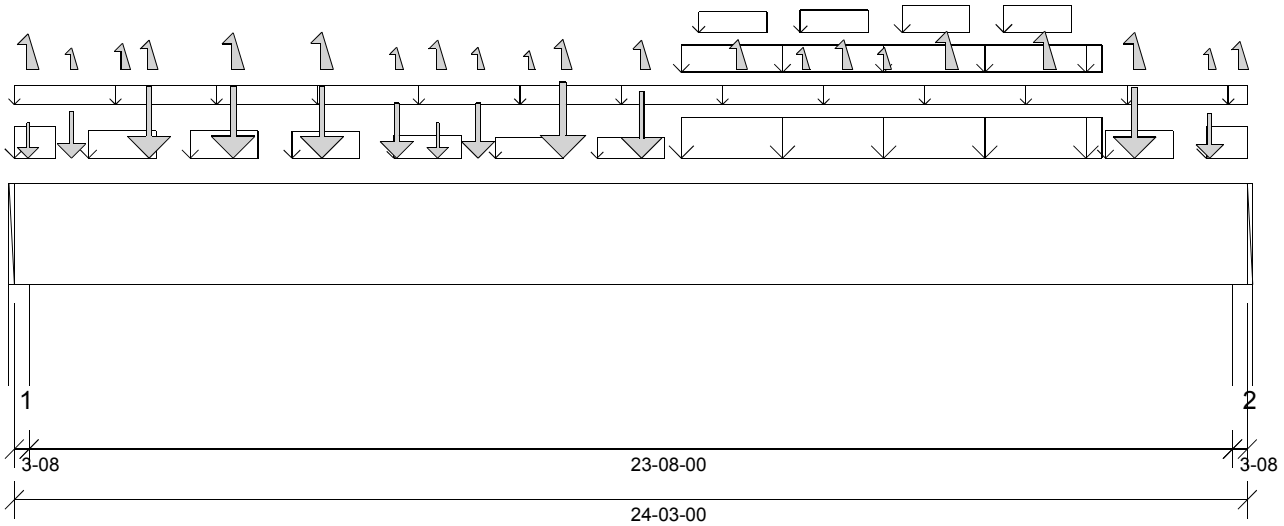
* A load bearing wall is supported by the I-joist at a location where the I-joist is supported by a member below. Please see manufacturer installation guidelines for requirements of blocking/squash blocks.



Graphical Illustration - Not To Scale
Member Cut Length - 24-03-00
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: 1-04-11			

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:

				Maximum Load Magnitudes			
Type	Start	End	Source	Dead	Floor Live	Roof Live	Snow
Self Weight	0-00	24-03-00	Self Weight	24 lb/ft	-	-	-
Uniform	-0-00	24-03-00	FC1 Floor Decking	2 lb/ft	8 lb/ft	-	-
Uniform	-0-00	9-12	W29(i246)	60 lb/ft	-	78 lb/ft	28 lb/ft
Uniform	1-05-08	2-09-08	W29(i246)	52 lb/ft	-	50 lb/ft	15 lb/ft
Uniform	3-05-08	4-09-08	W29(i246)	50 lb/ft	-	49 lb/ft	17 lb/ft
Uniform	5-05-08	6-09-08	W29(i246)	51 lb/ft	-	45 lb/ft	16 lb/ft
Uniform	7-05-08	8-09-08	W29(i246)	37 lb/ft	-	19 lb/ft	-
Uniform	9-05-08	10-09-08	W29(i246)	29 lb/ft	-	-	-
Uniform	11-05-08	12-09-08	W29(i246)	30 lb/ft	-	-	-
Uniform	13-01-07	21-04-12	Smoothed Load	63 lb/ft	286 lb/ft	-	-
Uniform	13-01-07	21-04-12	Smoothed Load	45 lb/ft	-	46 lb/ft	27 lb/ft
Uniform	13-05-08	14-09-08	W29(i246)	29 lb/ft	-	-	-
Uniform	15-05-08	16-09-08	W29(i246)	37 lb/ft	-	19 lb/ft	-
Uniform	17-05-08	18-09-08	W29(i246)	51 lb/ft	-	45 lb/ft	17 lb/ft
Uniform	19-05-08	20-09-08	W29(i246)	50 lb/ft	-	49 lb/ft	17 lb/ft
Uniform	21-05-08	22-09-08	W29(i246)	52 lb/ft	-	50 lb/ft	14 lb/ft
Uniform	23-05-04	24-03-00	W29(i246)	60 lb/ft	-	78 lb/ft	28 lb/ft
Point	3-04	3-04	-	93.00 lb	-	95.00/-5.00 lb	55.00 lb
Point	2-07-13	2-07-13	-	198.00 lb	474.00/-54.00 lb	95.00/-5.00 lb	55.00 lb
Point	8-03-14	8-03-14	-	93.00 lb	-	95.00/-8.00 lb	55.00 lb
Point	12-04-01	12-04-01	-	184.00 lb	417.00/-51.00 lb	95.00/-5.00 lb	55.00 lb
Point	16-03-12	16-03-12	-	-	-	-8.00 lb	-
Point	1-01-08	1-01-08	FJ34(i559)	85.00 lb	363.00/-48.00 lb	-	-
Point	7-06-04	7-06-04	FJ34(i474)	104.00 lb	474.00/-58.00 lb	-	-
Point	9-01-07	9-01-07	FJ34(i475)	104.00 lb	474.00/-58.00 lb	-	-
Point	10-09-08	10-09-08	-	210.00 lb	531.00/-65.00 lb	95.00/-5.00 lb	55.00 lb
Point	15-06-03	15-06-03	FJ34(i535)	-	-58.00 lb	-	-
Point	17-01-06	17-01-06	FJ34(i553)	-	-58.00 lb	-	-
Point	23-06-02	23-06-02	FJ34(i546)	76.00 lb	346.00/-42.00 lb	-	-
Point	2-01-09	2-01-09	W29(i246)	-	-	-	-
Point	4-03-10	4-03-10	-	203.00 lb	474.00/-33.00 lb	95.00/-5.00 lb	55.00 lb
Point	6-00-09	6-00-09	-	197.00 lb	474.00/-58.00 lb	95.00/-5.00 lb	55.00 lb
Point	10-01-09	10-01-09	W29(i246)	-	-	-3.00 lb	-1.00 lb
Point	14-02-14	14-02-14	-	-	-58.00 lb	-8.00 lb	-1.00 lb
Point	18-04-01	18-04-01	-	-	-58.00 lb	-5.00 lb	-
Point	20-03-03	20-03-03	-	-	-58.00 lb	-5.00 lb	-
Point	22-00-06	22-00-06	-	195.00 lb	474.00/-58.00 lb	90.00/-4.00 lb	52.00 lb
Point	24-01-04	24-01-04	W29(i246)	-	-	-	-

Support Information:

				Maximum Analysis Reactions			
Support	Start	End	Source	Dead	Floor Live	Roof Live	Snow
1	0-00	3-08	W17(i14)	2035.00 lb	3516.00/-394.00 lb	886.00/-38.00 lb	444.00 lb

- 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.

2	23-11-08	24-03-00	W15(i16)	1966.00 lb	3576.00/-421.00 lb	811.00/-33.00 lb	399.00 lb

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