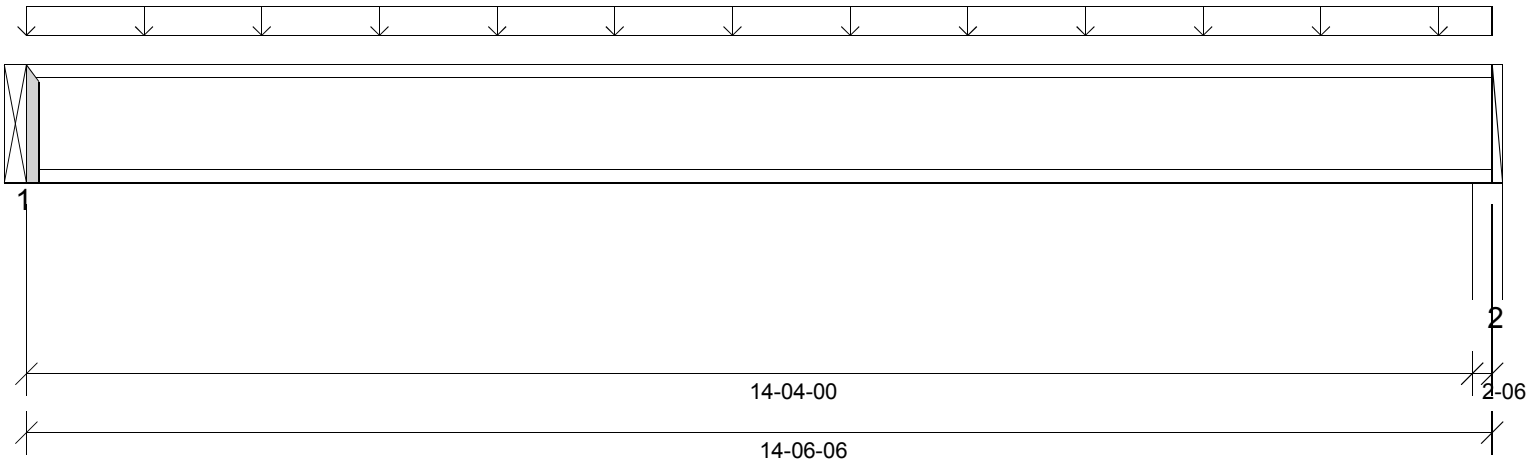



Graphical Illustration - Not To Scale
Member Cut Length - 14-06-06
MemberPitch - 0/12

## Design Information:

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Building Code: | IRC2015 | Floor Dead Load: | 10.0 lb/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: | 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** | | | Supported Mtl | Supporting Mtl | | | |
| | 0-00 | 735.30 lb | 1325.00 lb | 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:

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

## Support Information:

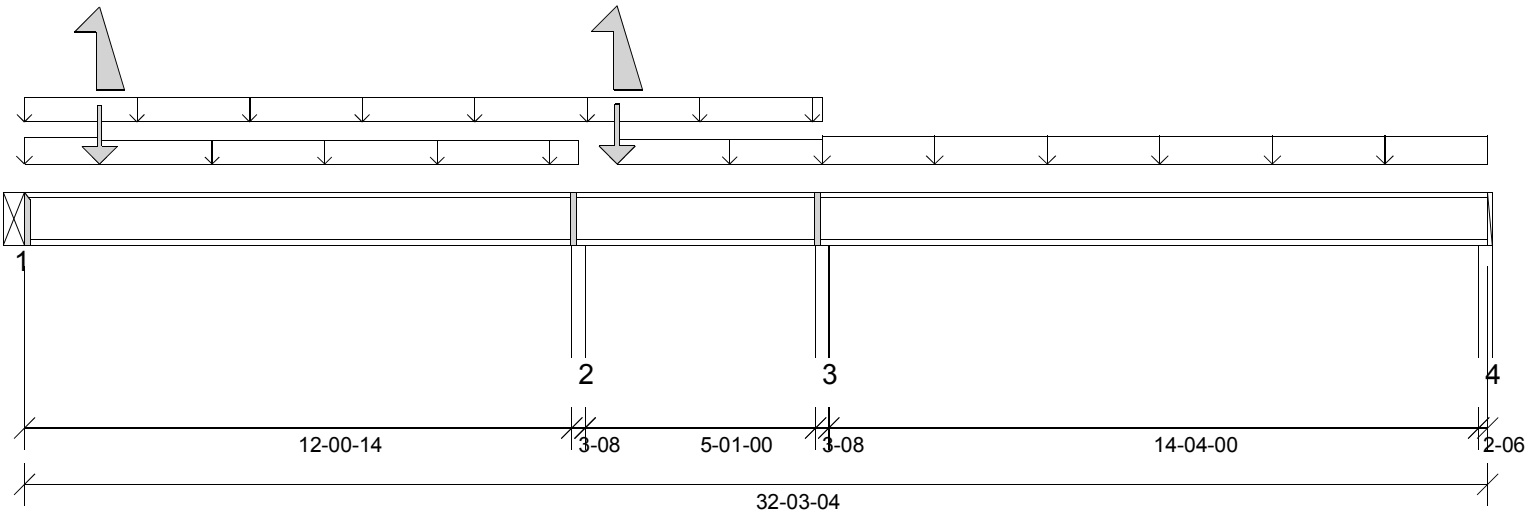
| | | | | Maximum Analysis Reactions | | | |
|---|---|---|---|---|---|---|---|
| Support | Start | End | Source | Dead | Floor Live | Roof Live | Snow |
| 1 | 0-00 | 0-00 | 1BM3-2(i556) | 147.00 lb | 588.00 lb | - | - |
| 2 | 14-04-00 | 14-06-06 | W18(i17) | 148.00 lb | 593.00 lb | - | - |

## 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 - 32-03-04
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: | 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 Mtl | Supporting Mtl | | | |
| | 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:

| | | | | Maximum Load Magnitudes | | | |
|---|---|---|---|---|---|---|---|
| Type | Start | End | Source | 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(i558) | -78.00 lb | 310.00/-434.00 lb | - | - |
| Point | 13-00-14 | 13-00-14 | FJ6(i547) | -40.00 lb | 321.00/-483.00 lb | - | - |

## Support Information:

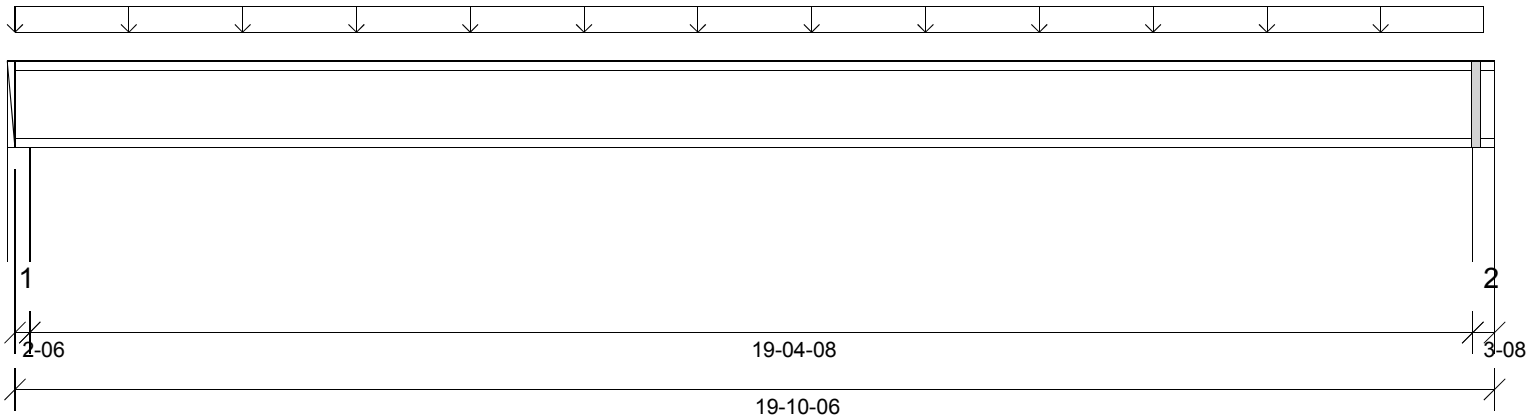
| | | | | Maximum Analysis Reactions | | | |
|---|---|---|---|---|---|---|---|
| Support | Start | End | Source | Dead | Floor Live | Roof Live | Snow |
| 1 | 0-00 | 0-00 | 1BM2(i574) | 45.00 lb | 692.00/-698.00 lb | - | - |
| 2 | 12-00-14 | 12-04-06 | W25(i24) | 79.00 lb | 1287.00/-555.00 lb | - | - |
| 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:

| | | | 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 - 19-10-06
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: | 19-04-08 | | |

## Design Results:

| | Location | Design | Control | | Result | LDF | Load Combination |
|---|---|---|---|---|---|---|---|
| **Critical Moment (Pos)** | 9-10-10 | 3181.68 lb ft | 4530.03 lb ft | | Passed - 70% | 1.00 | D + L |
| **Critical Shear** | 2-07 | 645.54 lb | 1730.00 lb | | Passed - 37% | 1.00 | D + L |
| **Live Load Deflection** | 9-10-10 | 0-05 | 0-12 (L/480) | | Passed - L/769 | - | L |
| **Total Load Deflection** | 9-10-10 | 0-06 | 1-00 (L/240) | | Passed - L/615 | - | D + L |
| **Max. Reaction** | | | Supported Mtl | Supporting Mtl | | | |
| | 1-06 | 665.33 lb | 1387.50 lb | 5195.29 lb | Passed - 48% | 1.00 | D + L |
| | 19-07-14 | 655.50 lb | 1500.00 lb | 7656.18 lb | Passed - 44% | 1.00 | D + L |

**Design Notes:**

*

## Loading:

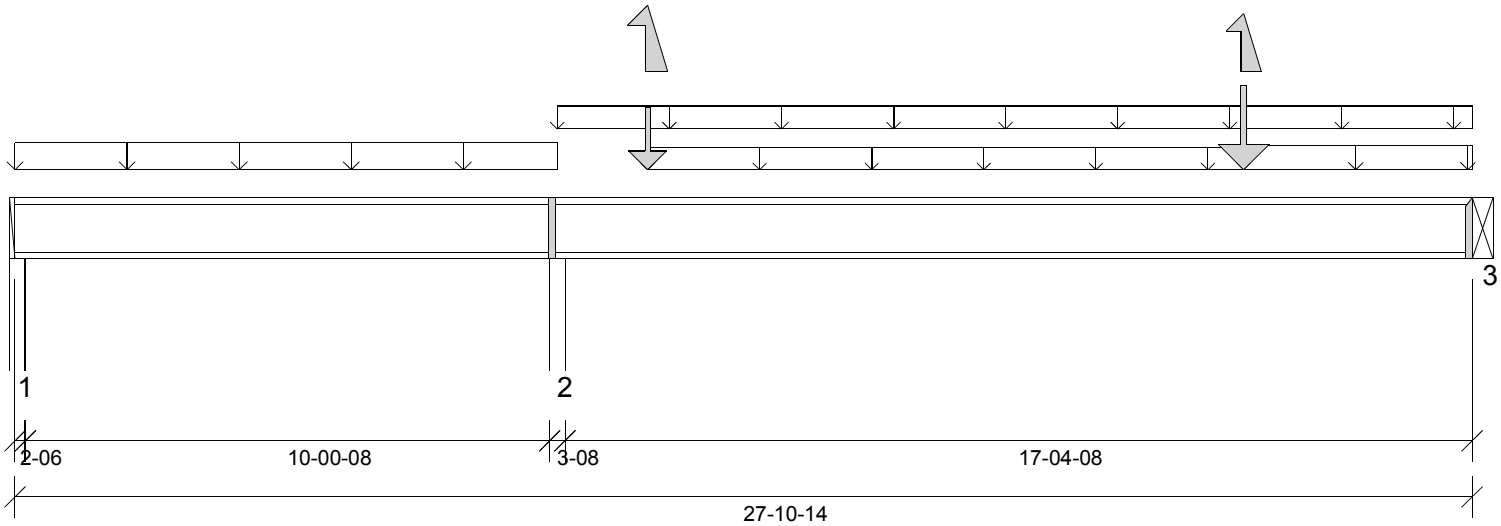
| | | | | Maximum Load Magnitudes | | | |
|---|---|---|---|---|---|---|---|
| Type | Start | End | Source | Dead | Floor Live | Roof Live | Snow |
| Uniform | 0-00 | 19-08-10 | FC2 Floor Decking | 13 lb/ft | 53 lb/ft | - | - |

## Support Information:

| | | | | Maximum Analysis Reactions | | | |
|---|---|---|---|---|---|---|---|
| Support | Start | End | Source | Dead | Floor Live | Roof Live | Snow |
| 1 | 0-00 | 2-06 | W16(i22) | 133.00 lb | 534.00 lb | - | - |
| 2 | 19-06-14 | 19-10-06 | W27(i27) | 131.00 lb | 523.00 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 - 27-10-14
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: | 11-02-08 | | |

## Design Results:

| | Location | Design | Control | | Result | LDF | Load Combination |
|---|---|---|---|---|---|---|---|
| **Critical Moment (Pos)** | 23-06-06 | 3555.83 lb ft | 4530.03 lb ft | | Passed - 78% | 1.00 | D + L |
| **Critical Moment (Neg)** | 10-04-10 | -3135.08 lb ft | 4530.03 lb ft | | Passed - 69% | 1.00 | D + L |
| **Critical Shear** | 10-06-07 | 1223.92 lb | 1730.00 lb | | Passed - 71% | 1.00 | D + L |
| **Live Load Deflection** | 20-03-05 | 0-04 | 0-12 (L/480) | | Passed - L/842 | - | L |
| **Total Load Deflection** | 20-03-08 | 0-05 | 1-00 (L/240) | | Passed - L/738 | - | D + L |
| **Max. Reaction** | | | Supported Mtl | Supporting Mtl | | | |
| | 1-06 | 370.49 lb | 1387.50 lb | 5195.33 lb | Passed - 27% | 1.00 | D + L |
| | 1-06 | -184.54 lb | 0.00 lb | - | | 1.00 | D + L |
| | 10-04-10 | 1962.00 lb | 3130.00 lb | 7656.28 lb | Passed - 63% | 1.00 | D + L |
| | 10-04-10 | -434.68 lb | 0.00 lb | - | | 1.00 | D + L |
| | 27-10-14 | 1007.20 lb | 1325.00 lb | 0.00 lb | Passed - 76% | 1.00 | D + L |
| | 27-10-14 | -158.91 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:

| | | | | Maximum Load Magnitudes | | | |
|---|---|---|---|---|---|---|---|
| Type | Start | End | Source | Dead | Floor Live | Roof Live | Snow |
| Uniform | 0-00 | 10-04-10 | FC2 Floor Decking | 17 lb/ft | 67 lb/ft | - | - |
| Uniform | 10-04-10 | 27-10-14 | FC2 Floor Decking | 7 lb/ft | 27 lb/ft | - | - |
| Uniform | 12-01-06 | 23-06-06 | FC2 Floor Decking | 5 lb/ft | 18 lb/ft | - | - |
| Uniform | 23-06-06 | 27-10-14 | FC2 Floor Decking | 10 lb/ft | 40 lb/ft | - | - |
| Point | 12-01-06 | 12-01-06 | FJ6(i558) | 9.00 lb | 447.00/-499.00 lb | - | - |
| Point | 23-06-06 | 23-06-06 | FJ6(i547) | 57.00 lb | 634.00/-407.00 lb | - | - |

## Support Information:

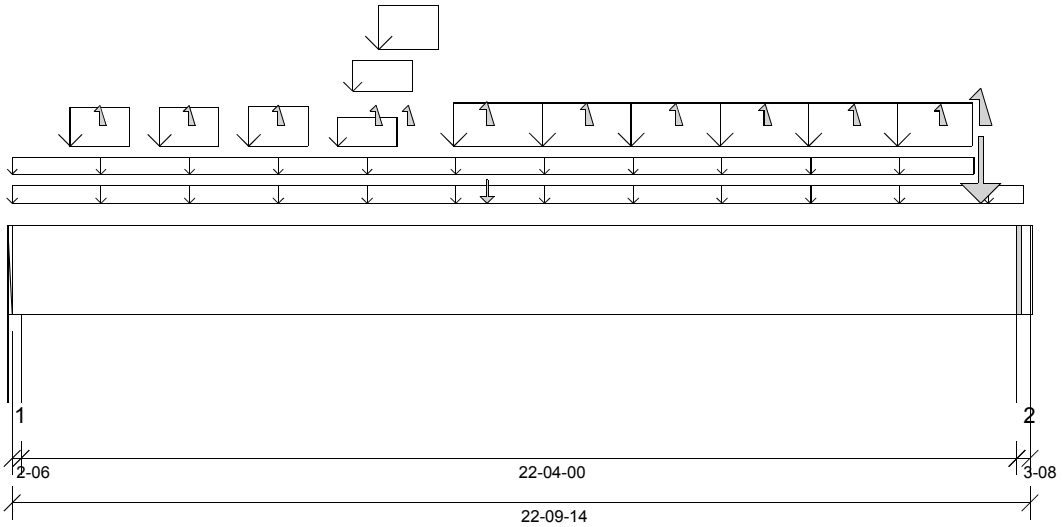
| | | | | Maximum Analysis Reactions | | | |
|---|---|---|---|---|---|---|---|
| Support | Start | End | Source | Dead | Floor Live | Roof Live | Snow |
| 1 | 0-00 | 2-06 | W14(i14) | 46.00 lb | 325.00/-348.00 lb | - | - |
| 2 | 10-02-14 | 10-06-06 | W41(i41) | 270.00 lb | 1692.00/-705.00 lb | - | - |
| 3 | 27-10-14 | 27-10-14 | 1BM3-2(i556) | 139.00 lb | 868.00/-558.00 lb | - | - |

## Connector Information:

| | | | Nailing Requirements | | | | |
|---|---|---|---|---|---|---|---|
| Support | Manufacturer | Model | Top | Face | Member | Min Seat Length | Other Information |
| 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.




Graphical Illustration - Not To Scale
Member Cut Length - 22-09-14
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: 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:

| | | | | Maximum Load Magnitudes | | | |
|---|---|---|---|---|---|---|---|
| Type | Start | End | Source | 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:

| | | | | Maximum Analysis Reactions | | | |
|---|---|---|---|---|---|---|---|
| Support | Start | End | Source | 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.
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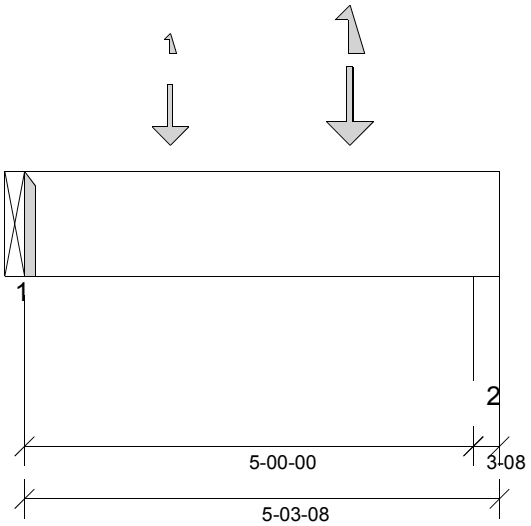

Graphical Illustration - Not To Scale
Member Cut Length - 5-03-08
MemberPitch - 0/12

## Design Information:

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Building Code: | IRC2015 | Floor Dead Load: | 10.0 lb/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: | 1-09-08 | | |

## 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** | | | Supported Mtl | Supporting Mtl | | | |
| | 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:

| | | | | Maximum Load Magnitudes | | | |
|---|---|---|---|---|---|---|---|
| Type | Start | End | Source | 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:

| | | | | Maximum Analysis Reactions | | | |
|---|---|---|---|---|---|---|---|
| Support | Start | End | Source | 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:

| | | | Nailing Requirements | | | | |
|---|---|---|---|---|---|---|---|
| Support | Manufacturer | Model | Top | Face | Member | Min Seat Length | Other Information |
| 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.
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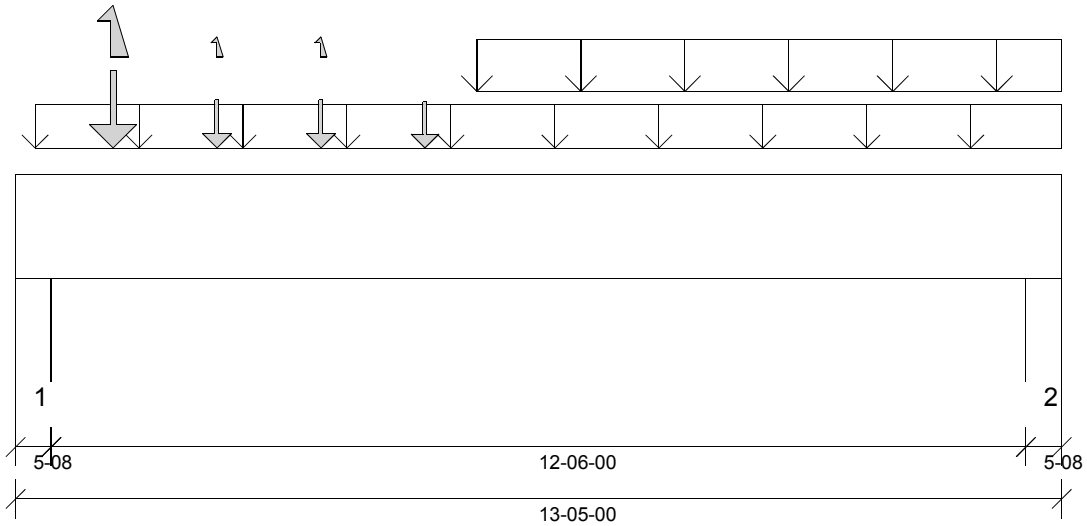


Graphical Illustration - Not To Scale
Member Cut Length - 13-05-00
MemberPitch - 0/12

## 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: | 1-01-12 | | |

## 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** | | | Supported Mtl | Supporting Mtl | | | |
| | 4-08 | 5429.08 lb | 14437.43 lb | 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:

| | | | | Maximum Load Magnitudes | | | |
|---|---|---|---|---|---|---|---|
| Type | Start | End | Source | 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(i567) | 139.00 lb | 868.00/-558.00 lb | - | - |
| Point | 2-07-00 | 2-07-00 | FJ28(i549) | 97.00 lb | 401.00/-15.00 lb | - | - |
| Point | 3-11-00 | 3-11-00 | FJ28(i548) | 97.00 lb | 401.00/-15.00 lb | - | - |
| Point | 5-03-00 | 5-03-00 | FJ20(i572) | 92.00 lb | 370.00 lb | - | - |

## Support Information:

| | | | | Maximum Analysis Reactions | | | |
|---|---|---|---|---|---|---|---|
| Support | Start | End | Source | 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.