



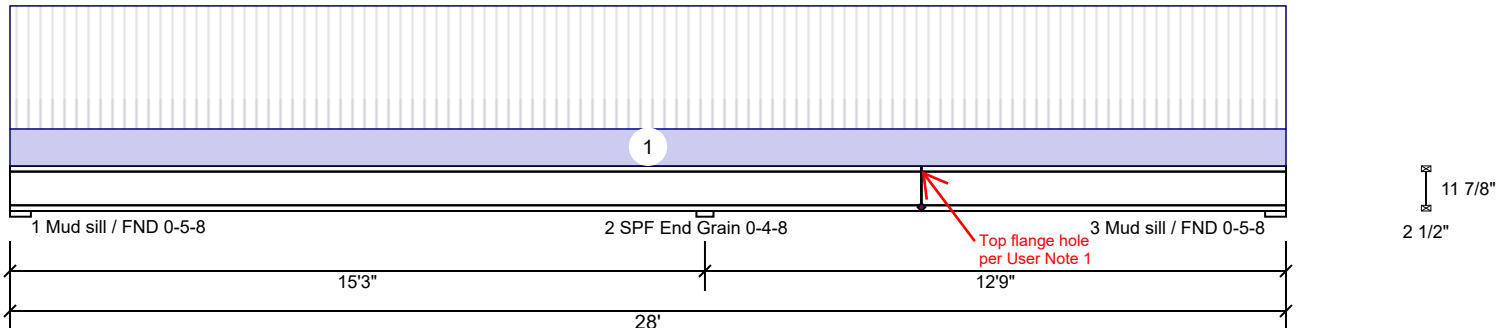
Client: New Homes, Inc.
Project: Smithfield - French Country GR
Address: 4524 Duncan Creek Road
Lillington, NC - 27546

Date: 4/22/2025
Input by: Hampton Horrocks
Job Name: 156 Duncan's Creek - 1st Floor EWP
Project #: J1024-5460

Page 1 of 7

**FJ28-rear BLI 40 11.875" - No Repair Required
See User Note 1**

Level: Level



Member Information

Type:	Joist	Application:	Floor
Spacing:	16" o.c.	Design Method:	ASD
Moisture Condition:	Dry	Building Code:	IBC 2018
Deflection LL:	480	Load Sharing:	No
Deflection TL:	240	Deck:	23/32 APA Rated SheathingOSB Nailed and Glued
Importance:	Normal - II		
Temperature:	Temp <= 100°F		
General Load			
Floor Live:	40 PSF		
Dead:	12 PSF		
Snow:	10 PSF		
Wind:	10 PSF		
Construction:	10 PSF		

Reactions PATTERNED lb (Uplift)

Brg	Direction	Live	Dead	Snow	Wind	Const
1	Vertical	366 (-8)	101	0	0	0
2	Vertical	903	271	0	0	0
3	Vertical	315 (-40)	76	0	0	0

Bearings

Bearing	Length	Dir.	Cap.	React D/L lb	Total	Ld. Case	Ld. Comb.
1 - Mud sill / FND	5.500"	Vert	33%	101 / 365	466	L_	D+L
2 - SPF End Grain	4.500"	Vert	44%	271 / 905	1176	LL	D+L
3 - Mud sill / FND	5.500"	Vert	27%	76 / 315	391	_L	D+L

Analysis Results

Analysis	Actual	Location	Allowed	Capacity	Comb.	Case
Neg Moment	-1569 ft-lb	15'3"	3545 ft-lb	44%	D+L	LL
Unbraced	-1128 ft-lb	15'3"	1133 ft-lb	100%	D+L	L_
Pos Moment	1390 ft-lb	6'8 3/4"	3545 ft-lb	39%	D+L	L_
Shear	608 lb	15' 3/4"	1480 lb	41%	D+L	LL
LL Defl inch	0.123 (L/1448)	7'5 1/2"	0.371 (L/480)	33%	L	L_
TL Defl inch	0.153 (L/1169)	7'4 3/4"	0.743 (L/240)	21%	D+L	L_

Design Notes

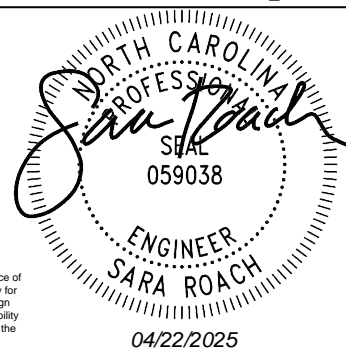
- Bearing 1: Mud sill / FND; fcp = 0 psi (user input), Bearing 3: Mud sill / FND; fcp = 0 psi (user input)
- Provide support to prevent lateral movement and rotation at the end bearings. Lateral support may also be required at the interior bearings by the building code.
- Unsupported length Lu based on points of zero moments.
- Bottom flange must be laterally braced at a maximum of 6'9" o.c.

User Notes

- Location Analysis represents ~1/2" diameter vertical hole going through one side of top flange. Hole is located against web, but does not appear to intrude into the web. This design based on scaling of provided photograph. No definitive cross-section dimensions of vertical top flange hole were provided. Stated cross-section dimensions of damage depicted in this calculation should be field-verified. No repair required.

Location Analysis

Analysis Type	Location	Max Value	Ld. Comb.	Ld. Case
Neg Moment	20'	-405 ft-lb	D+L	L_
Pos Moment	20'	758 ft-lb	D+L	_L
Shear	20'	226 lb	D+L	LL
Down Defl	20'	0.071	D+L	_L
Up Defl	20'	0.023	D+L	L_



A seal on this document indicates acceptance of professional engineering responsibility solely for the individual component based on the design criteria shown on this sheet only. The suitability & use of this component for any structure is the responsibility of the Building Designer.

Notes

Calculated Structured Designs is responsible only of the structural adequacy of this component based on the design criteria and loadings shown. It is the responsibility of the customer and/or the contractor to ensure the component suitability of the intended application, and to verify the dimensions and loads.

Lumber

- Dry service conditions, unless noted otherwise
- Joist not to be treated with fire retardant or corrosive chemicals

chemicals

Handling & Installation

- Joist flanges must not be cut or drilled
- Refer to latest copy of the Joist product information details for framing details, stiffener tables, web hole chart, bridging details, multi-ply fastening details and handling/erection details
- Damaged Joists must not be used
- Design assumes top flange to be laterally restrained by attached sheathing or as specified in engineering notes.

- Provide lateral support at bearing points to avoid lateral displacement and rotation
- Web stiffeners for point load as shown Minimum point load bearing length>= 3.5 inches
- For flat roofs provide proper drainage to prevent ponding

This design is valid until 9/3/2027

Manufacturer Info

BlueLinX
1950 Spectrum Circle, Suite 300
Marietta, GA 30067
877-914-7770
www.buildoncenter.com
ICC-ES: ESR-1262, ESR-1290

Professional Builders Supply
3941 US Highway 421 North, NC
USA
28401
910-386-4300



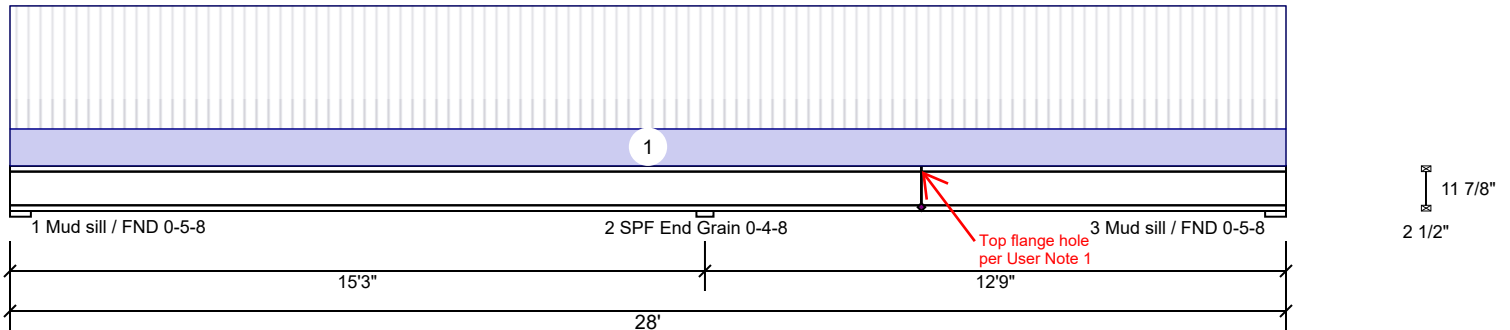
Client: New Homes, Inc.
Project: Smithfield - French Country GR
Address: 4524 Duncan Creek Road
Lillington, NC - 27546

Date: 4/22/2025
Input by: Hampton Horrocks
Job Name: 156 Duncan's Creek - 1st Floor EWP
Project #: J1024-5460

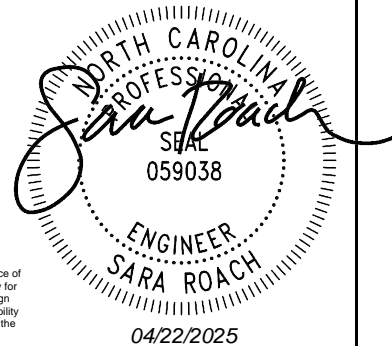
Page 2 of 7

**FJ28-rear BLI 40 11.875" - No Repair Required
See User Note 1**

Level: Level



ID	Load Type	Location	Trib Width	Dead 0.9	Live 1	Snow 1.15	Wind 1.6	Const. 1.25	Comments
1	Uniform		1-4-0	12 PSF	40 PSF	0 PSF	0 PSF	0 PSF	



A seal on this document indicates acceptance of professional engineering responsibility solely for the individual component based on the design criteria shown on this sheet only. The suitability & use of this component for any structure is the responsibility of the Building Designer.

04/22/2025

Notes

Calculated Structured Designs is responsible only of the structural adequacy of this component based on the design criteria and loadings shown. It is the responsibility of the customer and/or the contractor to ensure the component suitability of the intended application, and to verify the dimensions and loads.

Lumber

1. Dry service conditions, unless noted otherwise
2. Ljoist not to be treated with fire retardant or corrosive

chemicals

Handling & Installation

1. Ljoist flanges must not be cut or drilled
2. Refer to latest copy of the Ljoist product information details for framing details, stiffener tables, web hole chart, bridging details, multi-ply fastening details and handling/erection details
3. Damaged Ljoists must not be used
4. Design assumes top flange to be laterally restrained by attached sheathing or as specified in engineering notes.

5. Provide lateral support at bearing points to avoid lateral displacement and rotation
6. Web stiffeners for point load as shown Minimum point load bearing length>= 3.5 inches
7. For flat roofs provide proper drainage to prevent ponding

This design is valid until 9/3/2027

Manufacturer Info

BlueLinX
1950 Spectrum Circle, Suite 300
Marietta, GA 30067
877-914-7770
www.buildoncenter.com
ICC-ES: ESR-1262, ESR-1290

Professional Builders Supply
3941 US Highway 421 North, NC
USA
28401
910-386-4300



Client: New Homes, Inc.
Project: Smithfield - French Country GR
Address: 4524 Duncan Creek Road
Lillington, NC - 27546

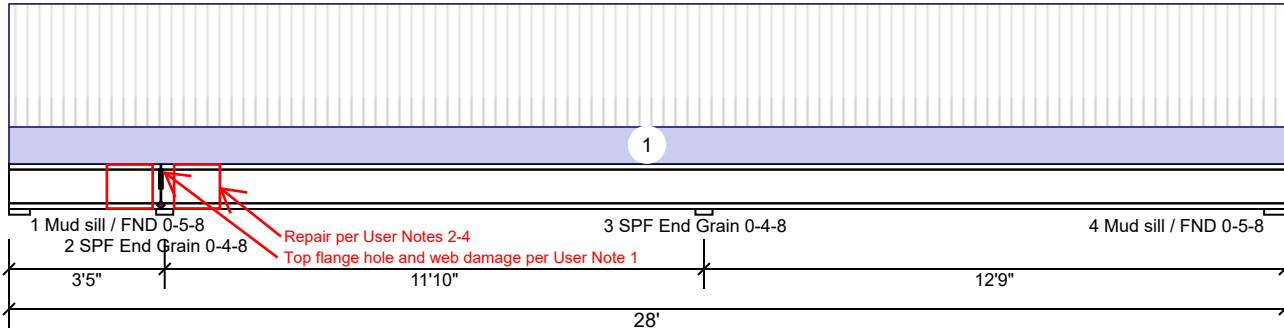
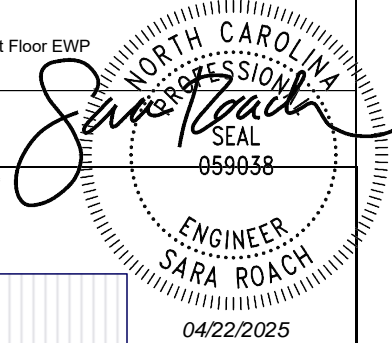
Date: 4/22/2025
Input by: Hampton Horrocks
Job Name: 156 Duncan's Creek - 1st Floor EWP
Project #: J1024-5460

Page 3 of 7

FJ28-front BLI 40 11.875" - Repair Required
See User Notes 1-4

Level: Level

A seal on this document indicates acceptance of professional engineering responsibility solely for the individual component based on the design criteria shown on this sheet only. The suitability & use of this component for any structure is the responsibility of the Building Designer.



Member Information

Type:	Joist	Application:	Floor
Spacing:	16" o.c.	Design Method:	ASD
Moisture Condition:	Dry	Building Code:	IBC 2018
Deflection LL:	480	Load Sharing:	No
Deflection TL:	240	Deck:	23/32 APA Rated Sheathing OSB Nailed and Glued
Importance:	Normal - II		
Temperature:	Temp <= 100°F		
General Load			
Floor Live:	40 PSF		
Dead:	12 PSF		
Snow:	10 PSF		
Wind:	10 PSF		
Construction:	10 PSF		

Reactions PATTERNED lb (Uplift)

Brg	Direction	Live	Dead	Snow	Wind	Const
1	Vertical	142 (-159)	(-5)	0	0	0
2	Vertical	573 (-97)	143	0	0	0
3	Vertical	754 (-1)	226	0	0	0
4	Vertical	310 (-27)	85	0	0	0

Bearings

Bearing	Length	Dir.	Cap.	React D/L lb	Total	Ld. Case	Ld. Comb.
1 - Mud sill / FND	5.500"	Vert	10%	-6 / 146	140 (-173)	L_L	D+L(D+L)
2 - SPF End Grain	4.500"	Vert	27%	143 / 582	725	LL_	D+L
3 - SPF End Grain	4.500"	Vert	37%	226 / 755	981	_LL	D+L
4 - Mud sill / FND	5.500"	Vert	27%	85 / 308	393	_L	D+L

Hole Analysis

Hole Type	Location	Size	Capacity	Act Shr.	All. Shr.
Rec.	H3'4"	1" X 5"	48%	308 lb	649 lb

Horizontal location H = Horiz to center

Location Analysis

Analysis Type	Location	Max Value	Ld. Comb.	Ld. Case
Neg Moment	3'4"	-599 ft-lb	D+L	LL_
Pos Moment	3'4"	35 ft-lb	D+L	Hole L_HL_L
Shear	3'4"	306 lb	D+L	LL_
Down Defl	3'4"	0.000	D+L	L_L
Up Defl	3'4"	0.000	D+L	_L_

User Notes

- 1 Location Analysis represents ~1/2" diameter vertical hole going through one side of top flange. Hole is located against web. Web appears to be damaged below vertical hole as indicated in Hole Analysis table. This design based on scaling of provided photograph. No definitive cross-section dimensions of vertical top flange hole were provided. Stated cross-section dimensions of damage depicted in this calculation should be field-verified. Repair as follows.

Notes

Calculated Structured Designs is responsible only of the structural adequacy of this component based on the design criteria and loadings shown. It is the responsibility of the customer and/or the contractor to ensure the component suitability of the intended application, and to verify the dimensions and loads.

Lumber

1. Dry service conditions, unless noted otherwise
2. Joist not to be treated with fire retardant or corrosive

chemicals

Handling & Installation

1. Joist flanges must not be cut or drilled
2. Refer to latest copy of the Joist product information details for framing details, stiffener tables, web hole chart, bridging details, multi-ply fastening details and handling/erection details
3. Damaged Joists must not be used
4. Design assumes top flange to be laterally restrained by attached sheathing or as specified in engineering notes.

5. Provide lateral support at bearing points to avoid lateral displacement and rotation
6. Web stiffeners for point load as shown Minimum point load bearing length >= 3.5 inches
7. For flat roofs provide proper drainage to prevent ponding

This design is valid until 9/3/2027

Manufacturer Info

BlueLinX
1950 Spectrum Circle, Suite 300
Marietta, GA 30067
877-914-7770
www.buildoncenter.com
ICC-ES: ESR-1262, ESR-1290

Professional Builders Supply
3941 US Highway 421 North, NC
USA
28401
910-386-4300



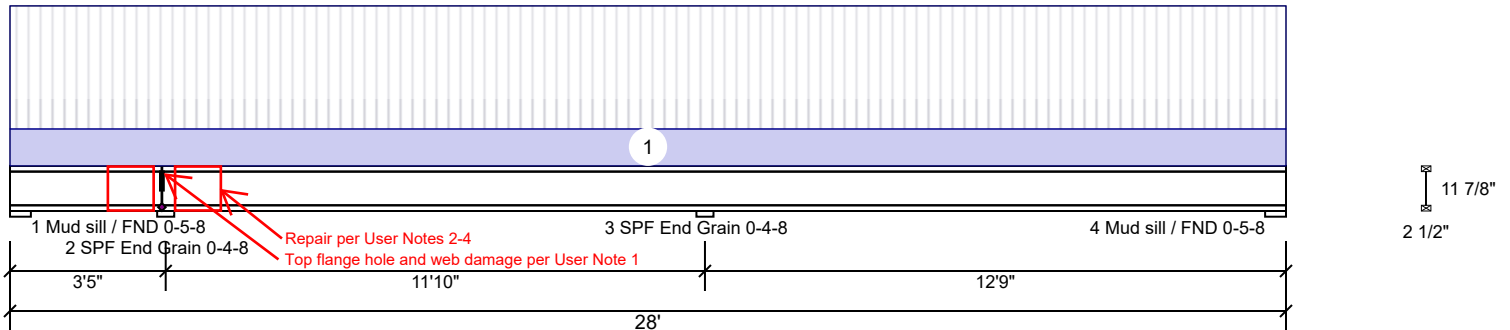
Client: New Homes, Inc.
Project: Smithfield - French Country GR
Address: 4524 Duncan Creek Road
Lillington, NC - 27546

Date: 4/22/2025
Input by: Hampton Horrocks
Job Name: 156 Duncan's Creek - 1st Floor EWP
Project #: J1024-5460

Page 4 of 7

FJ28-front BLI 40 11.875" - Repair Required
See User Notes 1-4

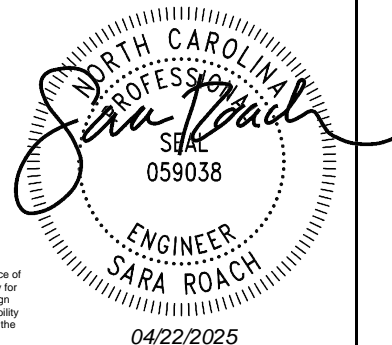
Level: Level



- 2 Attach 23/32" x 11 7/8" high x 12" long APA 48/24 span-rated plywood (face grain horizontal) to top & bottom flanges on one face with 8d Sinker Nails (0.113 x 2 3/8") @ 3" o.c.
- 3 Use 1/4" bead of carpenter's wood glue on all contact surfaces.
- 4 Locate at both vertical edges of perpendicular blocking.

ID	Load Type	Location	Trib Width	Dead 0.9	Live 1	Snow 1.15	Wind 1.6	Const. 1.25	Comments
1	Uniform	1-4-0	12 PSF	40 PSF	0 PSF	0 PSF	0 PSF	0 PSF	

A seal on this document indicates acceptance of professional engineering responsibility solely for the individual component based on the design criteria shown on this sheet only. The suitability & use of this component for any structure is the responsibility of the Building Designer.



Notes

Calculated Structural Designs is responsible only of the structural adequacy of this component based on the design criteria and loadings shown. It is the responsibility of the customer and/or the contractor to ensure the component suitability of the intended application, and to verify the dimensions and loads.

Lumber

1. Dry service conditions, unless noted otherwise
2. Joist not to be treated with fire retardant or corrosive

chemicals

Handling & Installation

1. Joist flanges must not be cut or drilled
2. Refer to latest copy of the Joist product information details for framing details, stiffener tables, web hole chart, bridging details, multi-ply fastening details and handling/erection details
3. Damaged Joists must not be used
4. Design assumes top flange to be laterally restrained by attached sheathing or as specified in engineering notes.

5. Provide lateral support at bearing points to avoid lateral displacement and rotation
6. Web stiffeners for point load as shown Minimum point load bearing length >= 3.5 inches
7. For flat roofs provide proper drainage to prevent ponding

This design is valid until 9/3/2027

Manufacturer Info

BlueLinx
1950 Spectrum Circle, Suite 300
Marietta, GA 30067
877-914-7770
www.buildoncenter.com
ICC-ES: ESR-1262, ESR-1290

Professional Builders Supply
3941 US Highway 421 North, NC
USA
28401
910-386-4300



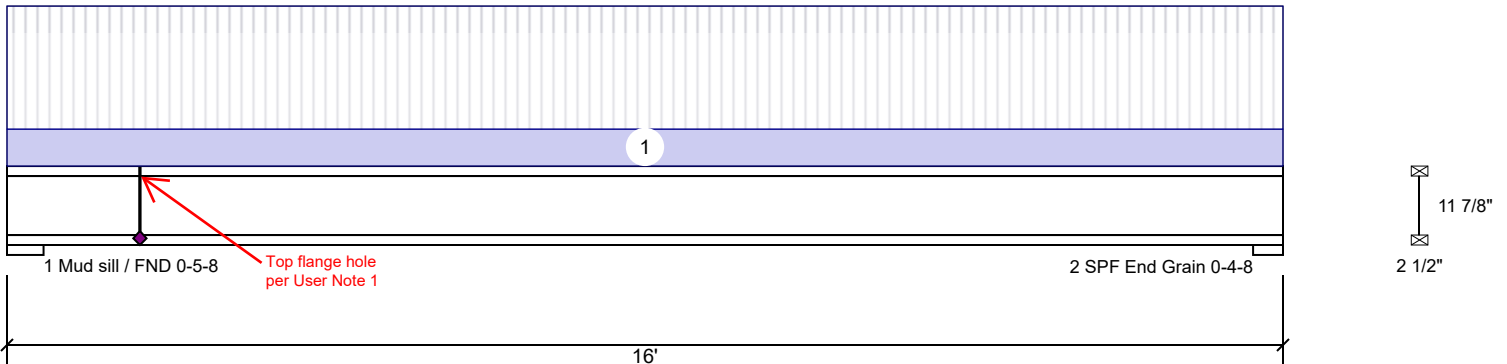
Client: New Homes, Inc.
Project: Smithfield - French Country GR
Address: 4524 Duncan Creek Road
Lillington, NC - 27546

Date: 4/22/2025
Input by: Hampton Horrocks
Job Name: 156 Duncan's Creek - 1st Floor EWP
Project #: J1024-5460

Page 5 of 7

FJ16 BLI 40 11.875" - No Repair Required
See User Note 1

Level: Level



Member Information

Type:	Joist	Application:	Floor
Spacing:	8" o.c.	Design Method:	ASD
Moisture Condition:	Dry	Building Code:	IBC 2018
Deflection LL:	480	Load Sharing:	No
Deflection TL:	240	Deck:	23/32 APA Rated SheathingOSB Nailed and Glued
Importance:	Normal - II		
Temperature:	Temp <= 100°F		
General Load			
Floor Live:	40 PSF		
Dead:	12 PSF		
Snow:	10 PSF		
Wind:	10 PSF		
Construction:	10 PSF		

Reactions PATTERNED lb (Uplift)

Brg	Direction	Live	Dead	Snow	Wind	Const
1	Vertical	214	64	0	0	0
2	Vertical	212	64	0	0	0

Bearings

Bearing	Length	Dir.	Cap.	React D/L lb	Total	Ld. Case	Ld. Comb.
1 - Mud sill / FND	5.500"	Vert	20%	64 / 215	279	L	D+L
2 - SPF End Grain	4.500"	Vert	19%	64 / 212	276	L	D+L

Analysis Results

Analysis	Actual	Location	Allowed	Capacity	Comb.	Case
Moment	1013 ft-lb	8' 1/2"	3545 ft-lb	29%	D+L	L
Shear	263 lb	15' 7 1/2"	1480 lb	18%	D+L	L
LL Defl inch	0.100 (L/1837)	8' 9/16"	0.382 (L/480)	26%	L	L
TL Defl inch	0.130 (L/1413)	8' 9/16"	0.765 (L/240)	17%	D+L	L

Location Analysis

Analysis Type	Location	Max Value	Ld. Comb.	Ld. Case
Pos Moment	1'8"	309 ft-lb	D+L	L
Shear	1'8"	221 lb	D+L	L
Down Defl	1'8"	0.035	D+L	L

Design Notes

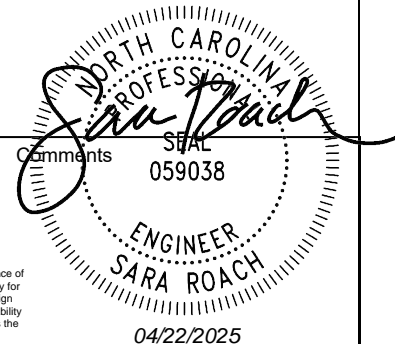
- Bearing 1: Mud sill / FND; fcp = 0 psi (user input)
- Provide support to prevent lateral movement and rotation at the end bearings.
- Unsupported length Lu based on points of zero moments.
- Bottom flange must be laterally braced at bearings.

User Notes

- Location Analysis represents ~1/2" diameter vertical hole going through one side of top flange. Hole is located against web, but does not appear to intrude into the web. This design based on scaling of provided photograph. No definitive cross-section dimensions of vertical top flange hole were provided. Stated cross-section dimensions of damage depicted in this calculation should be field-verified. No repair required.

ID	Load Type	Location	Trib Width	Dead	Live	Snow	Wind	Const.	Comments
1	Uniform	0-8-0		12 PSF	40 PSF	0 PSF	0 PSF	0 PSF	

A seal on this document indicates acceptance of professional engineering responsibility solely for the individual component based on the design criteria shown on this sheet only. The suitability & use of this component for any structure is the responsibility of the Building Designer.



Notes

Calculated Structured Designs is responsible only of the structural adequacy of this component based on the design criteria and loadings shown. It is the responsibility of the customer and/or the contractor to ensure the component suitability of the intended application, and to verify the dimensions and loads.

Lumber

- Dry service conditions, unless noted otherwise
- Joist not to be treated with fire retardant or corrosive chemicals

chemicals

Handling & Installation

- Joist flanges must not be cut or drilled
- Refer to latest copy of the Joist product information details for framing details, stiffener tables, web hole chart, bridging details, multi-ply fastening details and handling/erection details
- Damaged Joists must not be used
- Design assumes top flange to be laterally restrained by attached sheathing or as specified in engineering notes.

- Provide lateral support at bearing points to avoid lateral displacement and rotation
- Web stiffeners for point load as shown Minimum point load bearing length >= 3.5 inches
- For flat roofs provide proper drainage to prevent ponding

This design is valid until 9/3/2027

Manufacturer Info

BlueLinx
1950 Spectrum Circle, Suite 300
Marietta, GA 30067
877-914-7770
www.buildoncenter.com
ICC-ES: ESR-1262, ESR-1290

Professional Builders Supply
3941 US Highway 421 North, NC
USA
28401
910-386-4300



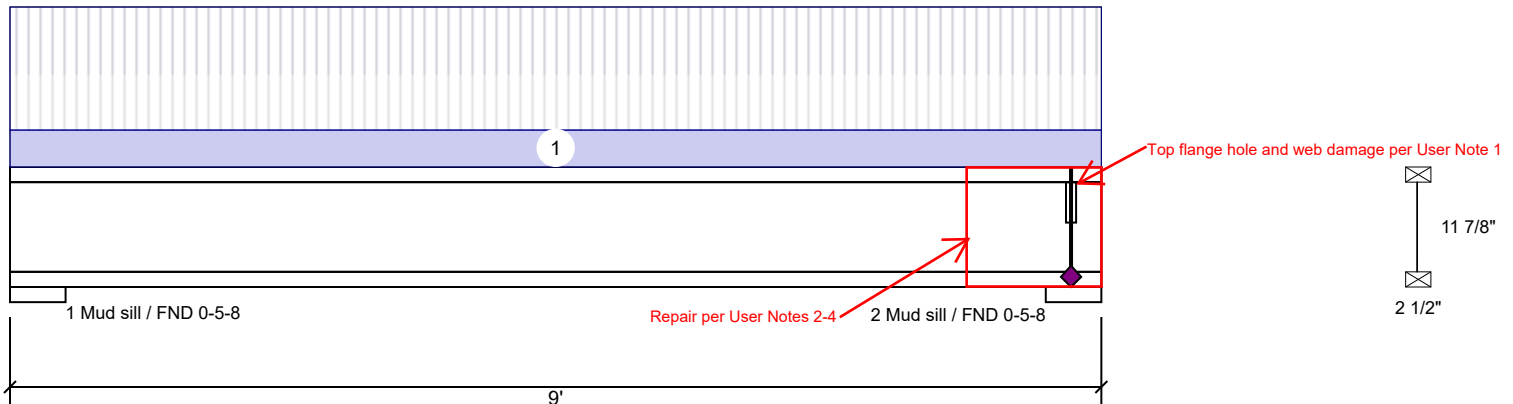
Client: New Homes, Inc.
Project: Smithfield - French Country GR
Address: 4524 Duncan Creek Road
Lillington, NC - 27546

Date: 4/22/2025
Input by: Hampton Horrocks
Job Name: 156 Duncan's Creek - 1st Floor EWP
Project #: J1024-5460

Page 6 of 7

FJ9 BLI 40 11.875" - Repair Required See User Notes 1-4

Level: Level



Member Information

Type:	Joist	Application:	Floor
Spacing:	16" o.c.	Design Method:	ASD
Moisture Condition:	Dry	Building Code:	IBC 2018
Deflection LL:	480	Load Sharing:	No
Deflection TL:	240	Deck:	23/32 APA Rated SheathingOSB Nailed and Glued
Importance:	Normal - II		
Temperature:	Temp <= 100°F		
General Load			
Floor Live:	40 PSF		
Dead:	12 PSF		
Snow:	10 PSF		
Wind:	10 PSF		
Construction:	10 PSF		

Reactions PATTERNED lb (Uplift)

Brg	Direction	Live	Dead	Snow	Wind	Const
1	Vertical	240	72	0	0	0
2	Vertical	240	72	0	0	0

Bearings

Bearing	Length	Dir.	Cap.	React D/L lb	Total	Ld. Case	Ld. Comb.
1 - Mud sill / FND	5.500"	Vert	22%	72 / 240	312	L	D+L
2 - Mud sill / FND	5.500"	Vert	22%	72 / 240	312	L	D+L

Analysis Results

Analysis	Actual	Location	Allowed	Capacity	Comb.	Case
Moment	584 ft-lb	4'6"	3545 ft-lb	16%	D+L	L
Shear	280 lb	5 1/2"	1480 lb	19%	D+L	L
LL Defl inch	0.020 (L/4813)	4'6 1/16"	0.205 (L/480)	10%	L	L
TL Defl inch	0.027 (L/3702)	4'6 1/16"	0.410 (L/240)	6%	D+L	L

Hole Analysis

Hole Type	Location	Size	Capacity	Act Shr.	All. Shr.
Horizontal location H = Horiz to center					

Location Analysis

Analysis Type	Location	Max Value	Ld. Comb.	Ld. Case
Neg Moment	8'9"	0 ft-lb	D	Uniform
Pos Moment	8'9"	0 ft-lb	D+L	L
Shear	8'9"	280 lb	D+L	L

Design Notes

- 1 Bearing 1: Mud sill / FND; fcp = 0 psi (user input), Bearing 2: Mud sill / FND; fcp = 0 psi (user input)
- 2 Provide support to prevent lateral movement and rotation at the end bearings.
- 3 Web Holes: Vertical location may vary and flanges must not be cut.
- 4 Unsupported length Lu based on points of zero moments.
- 5 Bottom flange must be laterally braced at bearings.

User Notes

- 1 Location Analysis represents ~1/2" diameter vertical hole going through one side of top flange. Hole is located against web. Web appears to be damaged below vertical hole as indicated in Hole Analysis table. This design based on scaling of provided photograph. No definitive cross-section dimensions of vertical top flange hole were provided. Stated cross-section dimensions of damage depicted in this calculation should be field-verified. Repair as follows.
- 2 Attach 23/32" x 14" high x 12" long APA 48/24 span-rated plywood (face grain horizontal) to top & bottom flanges on opposite face from web damage with 8d Sinker Nails (0.113 x 2 3/8") @ 3" o.c.
- 3 Use 1/4" bead of carpenter's wood glue on all contact surfaces.
- 4 Locate end of gusset at right end of joist.

Notes

Calculated Structured Designs is responsible only of the structural adequacy of this component based on the design criteria and loadings shown. It is the responsibility of the customer and/or the contractor to ensure the component suitability of the intended application, and to verify the dimensions and loads.

Lumber

1. Dry service conditions, unless noted otherwise
2. Joist not to be treated with fire retardant or corrosive

chemicals

Handling & Installation

1. Joist flanges must not be cut or drilled
2. Refer to latest copy of the Joist product information details for framing details, stiffener tables, web hole chart, bridging details, multi-ply fastening details and handling/erection details
3. Damaged Joists must not be used
4. Design assumes top flange to be laterally restrained by attached sheathing or as specified in engineering notes.

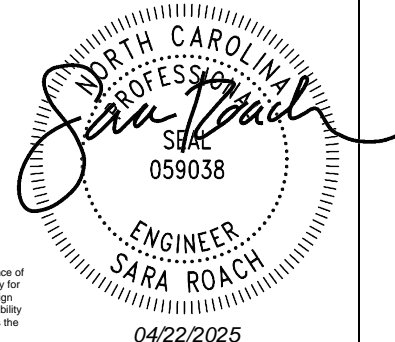
5. Provide lateral support at bearing points to avoid lateral displacement and rotation
6. Web stiffeners for point load as shown Minimum point load bearing length>= 3.5 inches
7. For flat roofs provide proper drainage to prevent ponding

This design is valid until 9/3/2027

Manufacturer Info

BlueLinX
1950 Spectrum Circle, Suite 300
Marietta, GA 30067
877-914-7770
www.buildoncenter.com
ICC-ES: ESR-1262, ESR-1290

Professional Builders Supply
3941 US Highway 421 North, NC
USA
28401
910-386-4300



A seal on this document indicates acceptance of professional engineering responsibility solely for the individual component based on the design criteria shown on this sheet only. The suitability & use of this component for any structure is the responsibility of the Building Designer.

04/22/2025



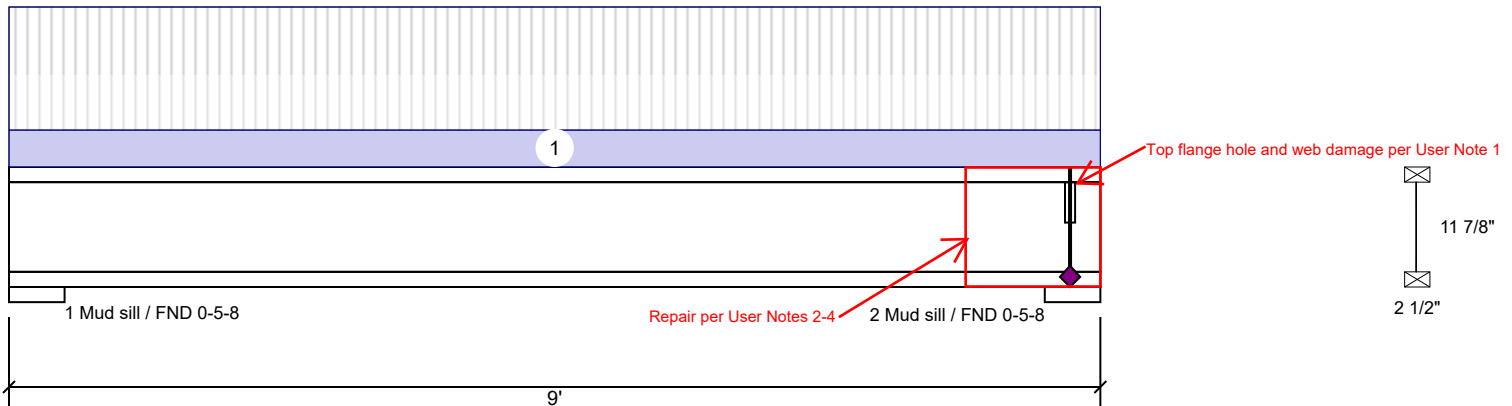
Client: New Homes, Inc.
Project: Smithfield - French Country GR
Address: 4524 Duncan Creek Road
Lillington, NC - 27546

Date: 4/22/2025
Input by: Hampton Horrocks
Job Name: 156 Duncan's Creek - 1st Floor EWP
Project #: J1024-5460

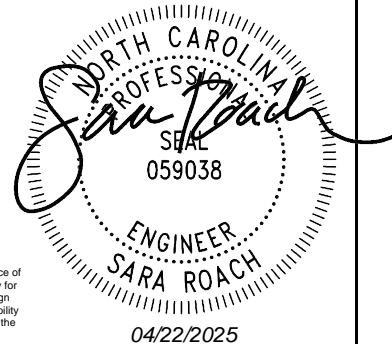
Page 7 of 7

FJ9 BLI 40 11.875" - Repair Required
See User Notes 1-4

Level: Level



ID	Load Type	Location	Trib Width	Dead 0.9	Live 1	Snow 1.15	Wind 1.6	Const. 1.25	Comments
1	Uniform		1-4-0	12 PSF	40 PSF	0 PSF	0 PSF	0 PSF	



A seal on this document indicates acceptance of professional engineering responsibility solely for the individual component based on the design criteria shown on this sheet only. The suitability & use of this component for any structure is the responsibility of the Building Designer.

Notes

Calculated Structured Designs is responsible only of the structural adequacy of this component based on the design criteria and loadings shown. It is the responsibility of the customer and/or the contractor to ensure the component suitability of the intended application, and to verify the dimensions and loads.

Lumber

1. Dry service conditions, unless noted otherwise
2. Ljoist not to be treated with fire retardant or corrosive

chemicals

Handling & Installation

1. Ljoist flanges must not be cut or drilled
2. Refer to latest copy of the Ljoist product information details for framing details, stiffener tables, web hole chart, bridging details, multi-ply fastening details and handling/erection details
3. Damaged Ljoists must not be used
4. Design assumes top flange to be laterally restrained by attached sheathing or as specified in engineering notes.

5. Provide lateral support at bearing points to avoid lateral displacement and rotation
6. Web stiffeners for point load as shown Minimum point load bearing length >= 3.5 inches
7. For flat roofs provide proper drainage to prevent ponding

This design is valid until 9/3/2027

Manufacturer Info

BlueLinX
1950 Spectrum Circle, Suite 300
Marietta, GA 30067
877-914-7770
www.buildoncenter.com
ICC-ES: ESR-1262, ESR-1290

Professional Builders Supply
3941 US Highway 421 North, NC
USA
28401
910-386-4300