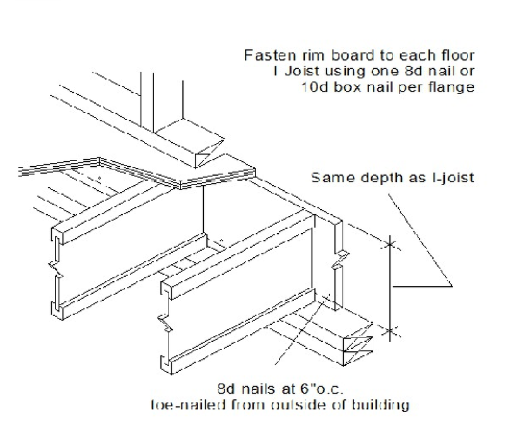
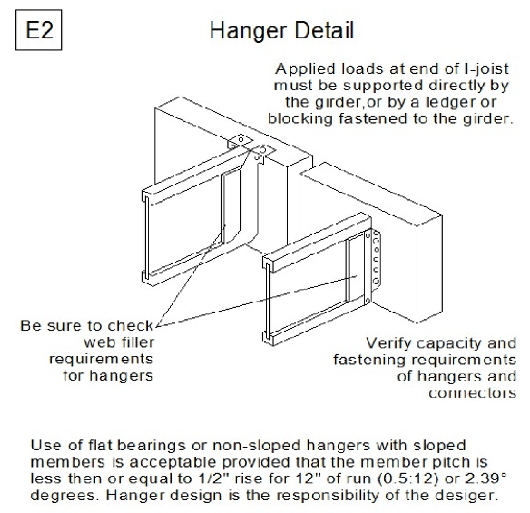
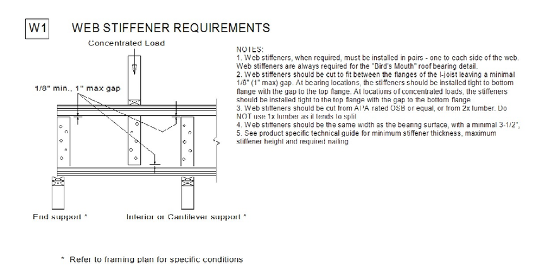
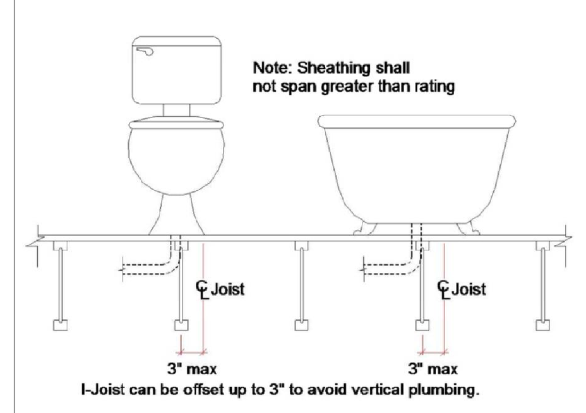
A1 RIM BOARD



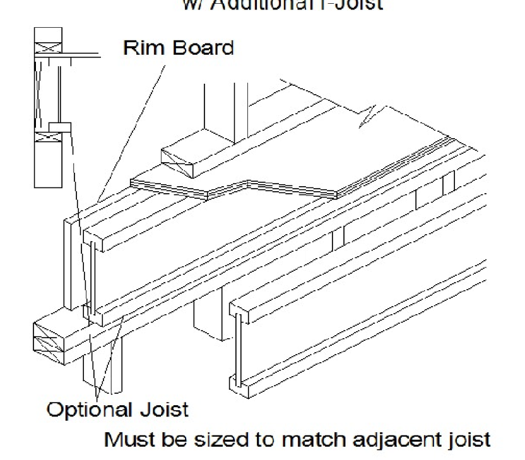
E2 Hanger Detail



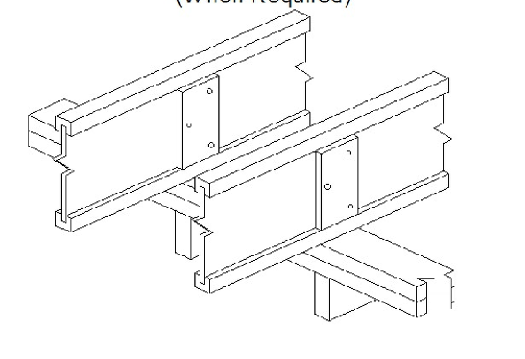




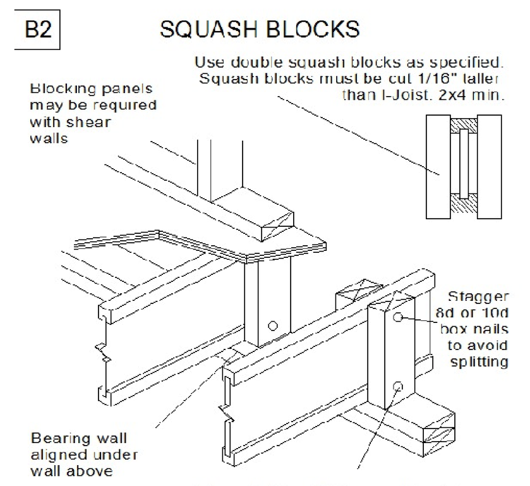
A7i SOLID RIM AS START JOIST w/ Additional I Joist



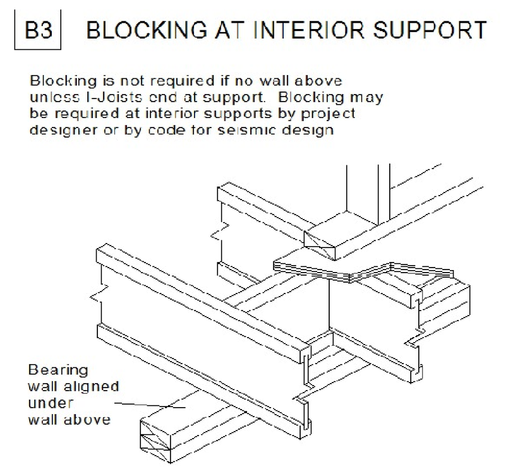
B1 WEB STIFFENERS AT INTERIOR SUPPORT (When Required)



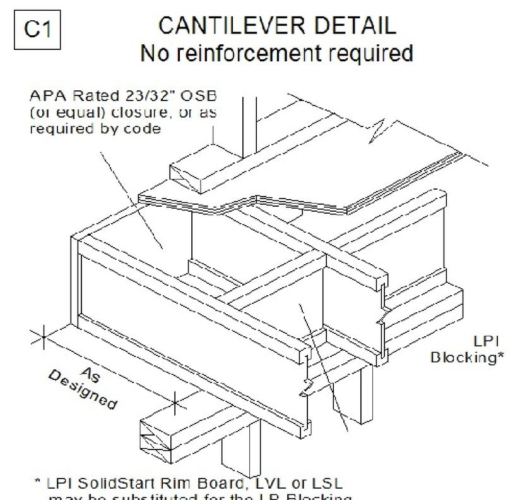
B2 SQUASH BLOCKS



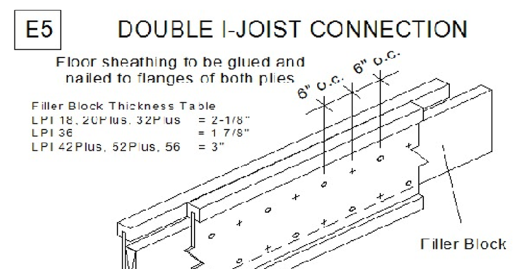
B3 BLOCKING AT INTERIOR SUPPORT

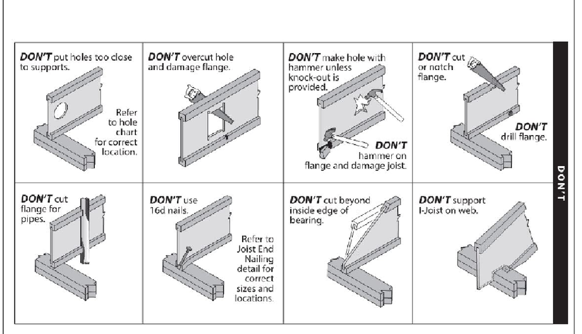


C1 CANTILEVER DETAIL
No reinforcement required



E5 DOUBLE I-JOIST CONNECTION





Products					
PlotID	Length	Product	Plies	Net Qty	Fab Type
FJ36	36-00-00	11-7/8" LPI 20Plus	1	15	MFD
FJ32	32-00-00	11-7/8" LPI 20Plus	1	3	MFD
FJ30	30-00-00	11-7/8" LPI 20Plus	1	8	MFD
FJ28	28-00-00	11-7/8" LPI 20Plus	1	1	MFD
FJ26	26-00-00	11-7/8" LPI 20Plus	1	18	MFD
FJ24	24-00-00	11-7/8" LPI 20Plus	1	3	MFD
FJ20	20-00-00	11-7/8" LPI 20Plus	1	1	MFD
FJ14	14-00-00	11-7/8" LPI 20Plus	1	3	MFD
FJ10	10-00-00	11-7/8" LPI 20Plus	1	1	MFD
FJ6	6-00-00	11-7/8" LPI 20Plus	1	9	MFD
FJ4	4-00-00	11-7/8" LPI 20Plus	1	2	MFD
FlushBM1	28-00-00	1-3/4X11-7/8 LP-LVL 2900Fb-2.0E	2	2	MFD
FlushBM2	26-00-00	1-3/4X11-7/8 LP-LVL 2900Fb-2.0E	3	3	MFD
FlushBM3	24-00-00	1-3/4X11-7/8 LP-LVL 2900Fb-2.0E	2	2	MFD
FlushBM4	14-00-00	1-3/4X11-7/8 LP-LVL 2900Fb-2.0E	3	3	MFD
RIM1	12-00-00	1 1/8" x 11 7/8" APA Rim Board	1	21	FF
BLK1	56-00-00	11-7/8" LPI 20Plus	1	1	FF

11-7/8" LPI 20Plus JOISTS @ 19.2" OC SPACING

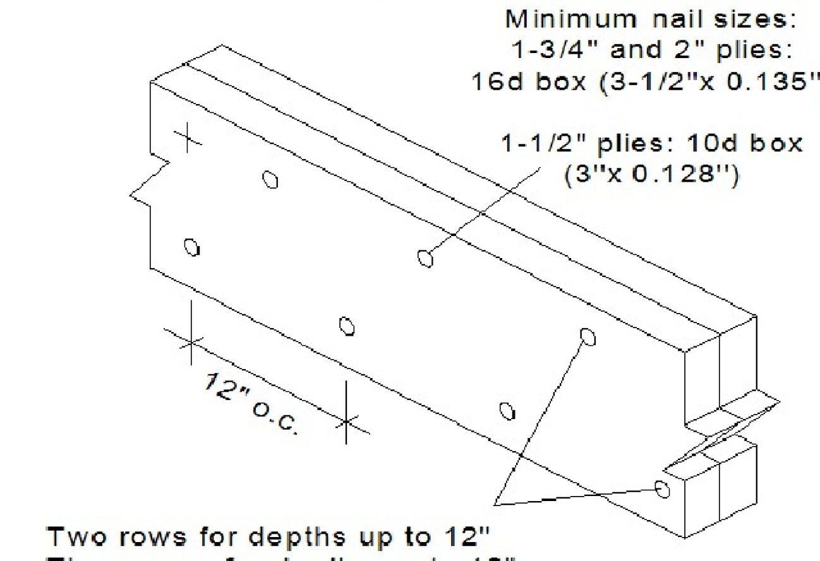
U. S. LUMBER

Important Notes	WARNING: Failure to follow proper procedures for handling, storage and installation could result in unsatisfactory performance, unsafe structures and possible collapse.

These instructions are offered as a guide to good practice in the handling, storage and installation of LP® SolidStart® I-Joists, LP SolidStart LVL & LP SolidStart LSL beams. They are, however, solely general recommendations and, in some instances, other or additional precautions may be desirable. In all cases, the procedures used should be as specified by the architect/engineer responsible for the entire building.

- This is not intended as a manual for selecting products and assumes that components and details have been specified correctly.
- Consult the LP SolidStart I-Joist, LP SolidStart LVL & LP SolidStart LSL brochures or contact your LP SolidStart products distributor for assistance.
- All rim joists, blocking, connections and temporary bracing must be installed before erectors are allowed on the structure.
- No loads other than the weight of the erectors are to be imposed on the structure before it is permanently sheathed.
- After sheathing, do not overload joists with construction materials exceeding design loads.
- LP SolidStart I-Joists, LP SolidStart LVL & LP SolidStart LSL beams must be used under dry, covered and well ventilated interior conditions in which the equivalent moisture content in lumber will not exceed 16%.

P1 TOP LOADED BEAM- NAILED CONNECTION
(See Connection Assemblies for more details)



Customer Name:
BRAD CUMMINGS

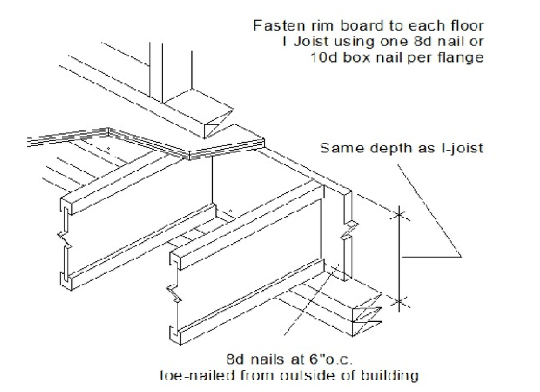
Job Name:
THE LASERIA RESIDENCE

Designer:
Tony Huneycutt

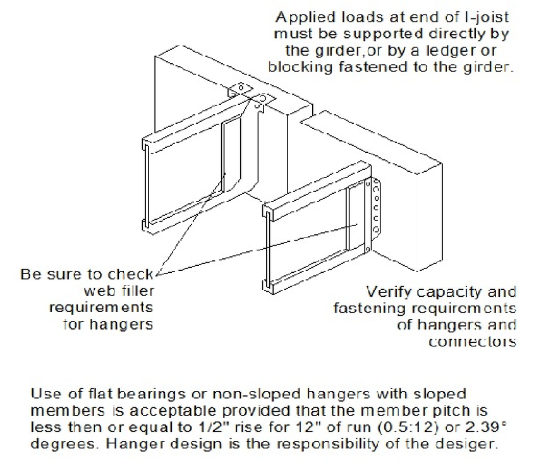
Salesman:
EDDIE BAUER

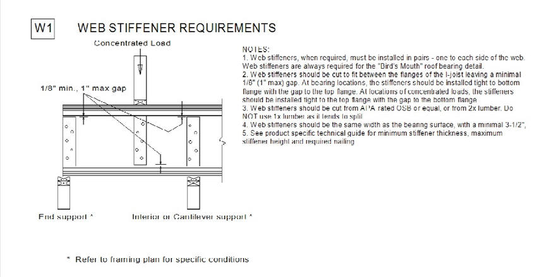
Scale:1/4" = 1'	Date:07/22/20	1ST FLOOR

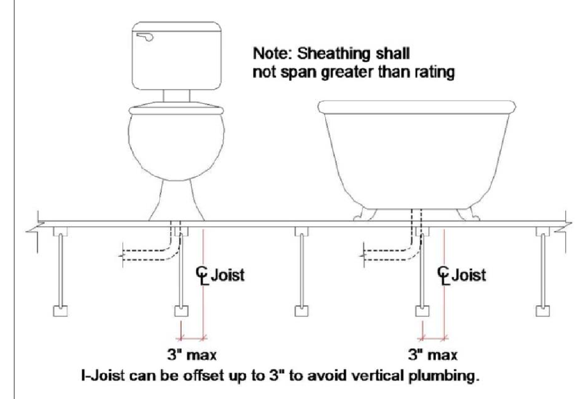
A1 RIM BOARD



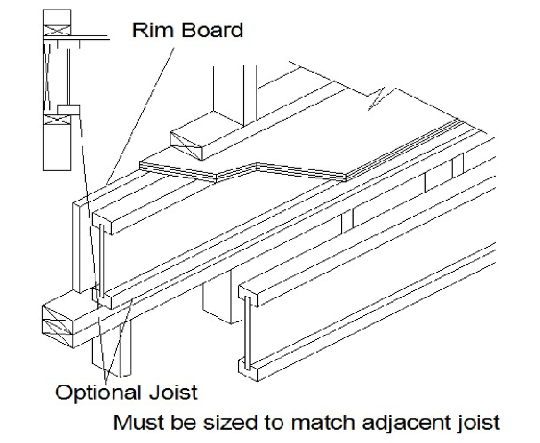
F2 Hanger Detail



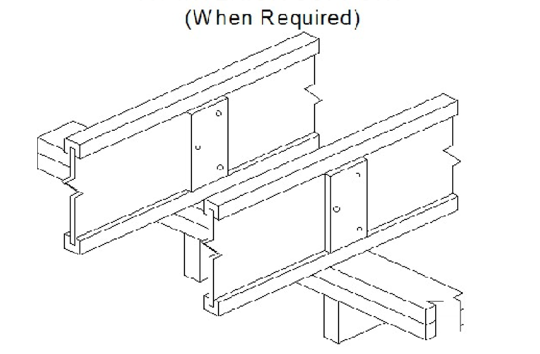




A7i SOLID RIM AS START JOIST w/ Additional I Joist

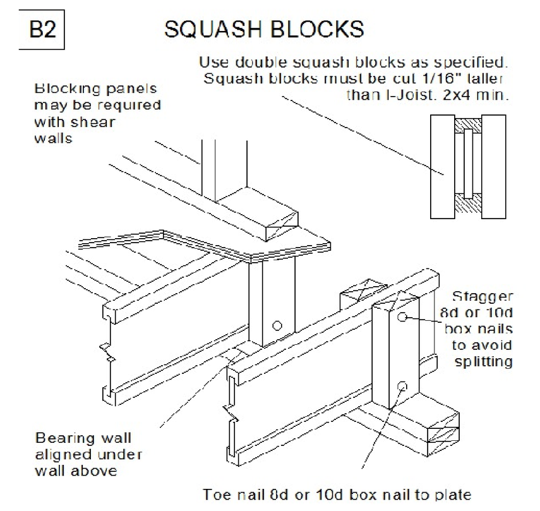


B1 WEB STIFFENERS AT INTERIOR SUPPORT (When Required)

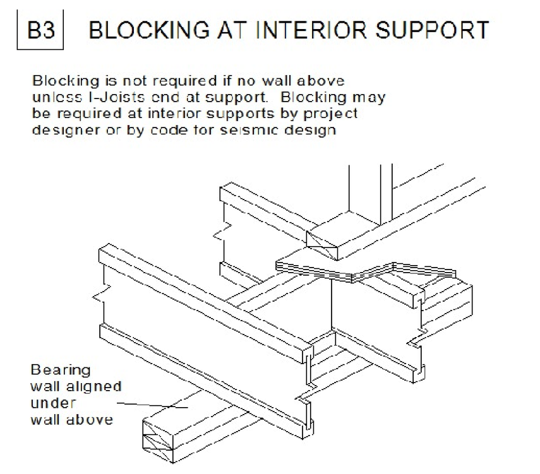


Verify stiffener requirements

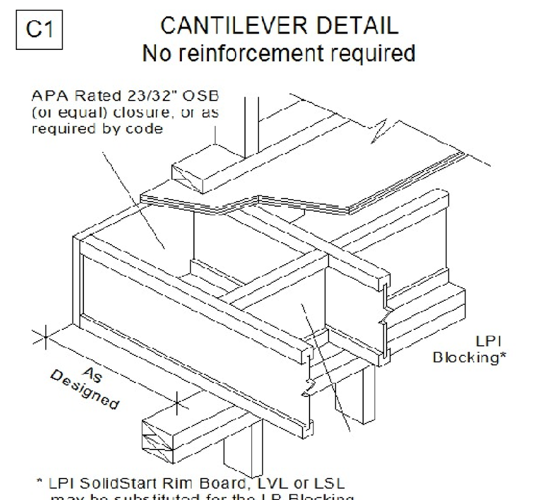
B2 SQUASH BLOCKS



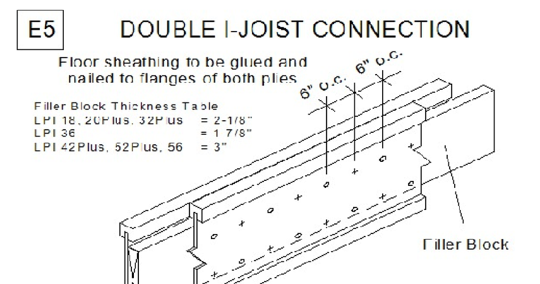
B3 BLOCKING AT INTERIOR SUPPORT

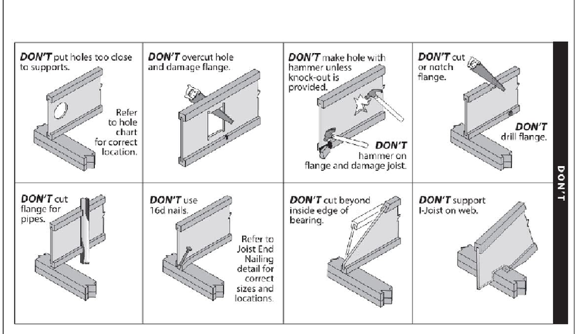


C1 CANTILEVER DETAIL No reinforcement required



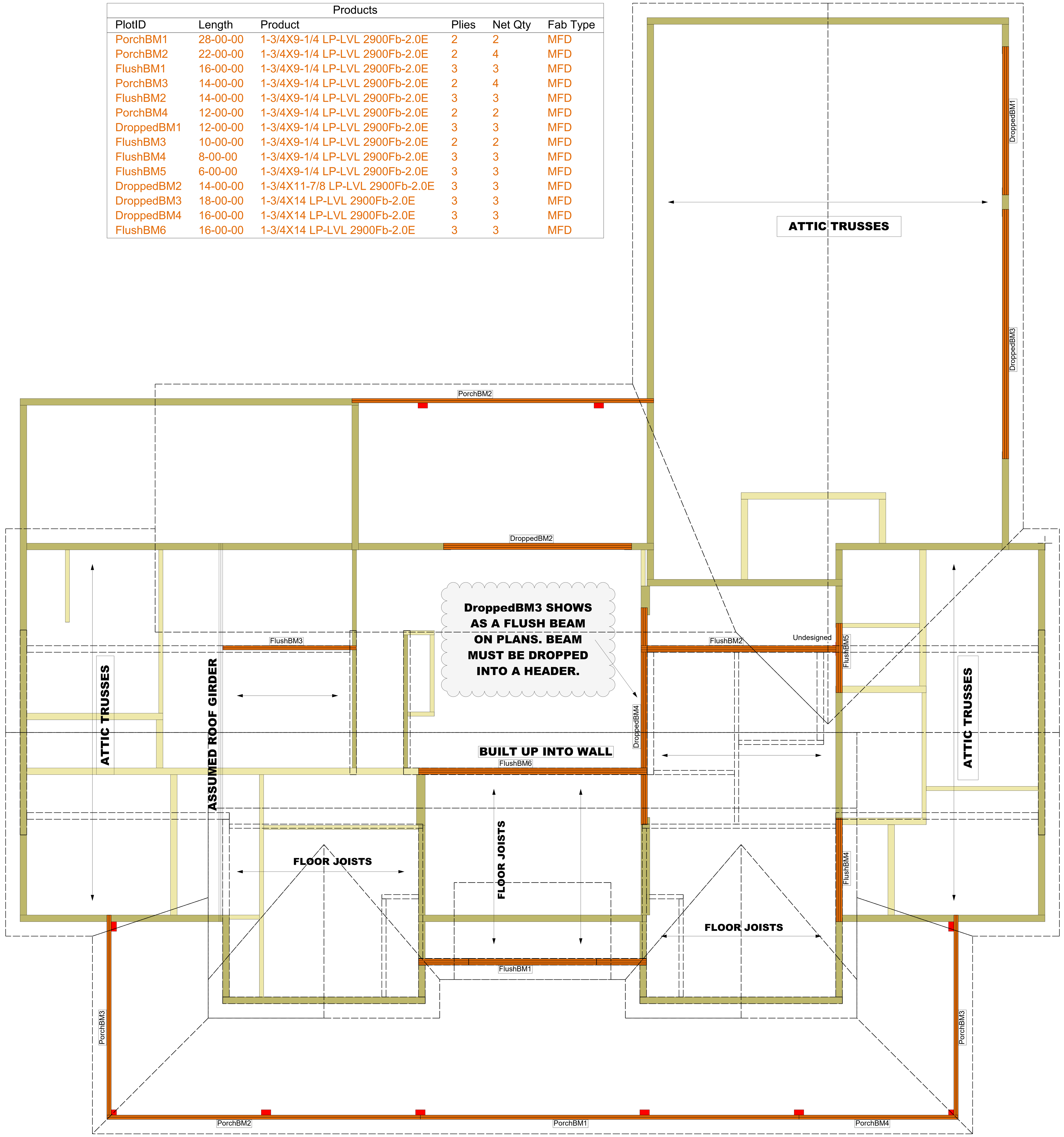
E5 DOUBLE I-JOIST CONNECTION





Products

PlotID	Length	Product	Plies	Net Qty	Fab Type
PorchBM1	28-00-00	1-3/4X9-1/4 LP-LVL 2900Fb-2.0E	2	2	MFD
PorchBM2	22-00-00	1-3/4X9-1/4 LP-LVL 2900Fb-2.0E	2	4	MFD
FlushBM1	16-00-00	1-3/4X9-1/4 LP-LVL 2900Fb-2.0E	3	3	MFD
PorchBM3	14-00-00	1-3/4X9-1/4 LP-LVL 2900Fb-2.0E	2	4	MFD
FlushBM2	14-00-00	1-3/4X9-1/4 LP-LVL 2900Fb-2.0E	3	3	MFD
PorchBM4	12-00-00	1-3/4X9-1/4 LP-LVL 2900Fb-2.0E	2	2	MFD
DroppedBM1	12-00-00	1-3/4X9-1/4 LP-LVL 2900Fb-2.0E	3	3	MFD
FlushBM3	10-00-00	1-3/4X9-1/4 LP-LVL 2900Fb-2.0E	2	2	MFD
FlushBM4	8-00-00	1-3/4X9-1/4 LP-LVL 2900Fb-2.0E	3	3	MFD
FlushBM5	6-00-00	1-3/4X9-1/4 LP-LVL 2900Fb-2.0E	3	3	MFD
DroppedBM2	14-00-00	1-3/4X11-7/8 LP-LVL 2900Fb-2.0E	3	3	MFD
DroppedBM3	18-00-00	1-3/4X14 LP-LVL 2900Fb-2.0E	3	3	MFD
DroppedBM4	16-00-00	1-3/4X14 LP-LVL 2900Fb-2.0E	3	3	MFD
FlushBM6	16-00-00	1-3/4X14 LP-LVL 2900Fb-2.0E	3	3	MFD



BUILDING SOLUTIONS

U. S. LUMBER

Important Notes

WARNING: Failure to follow proper procedures for handling, storage and installation could result in unsatisfactory performance, unsafe structures and possible collapse.

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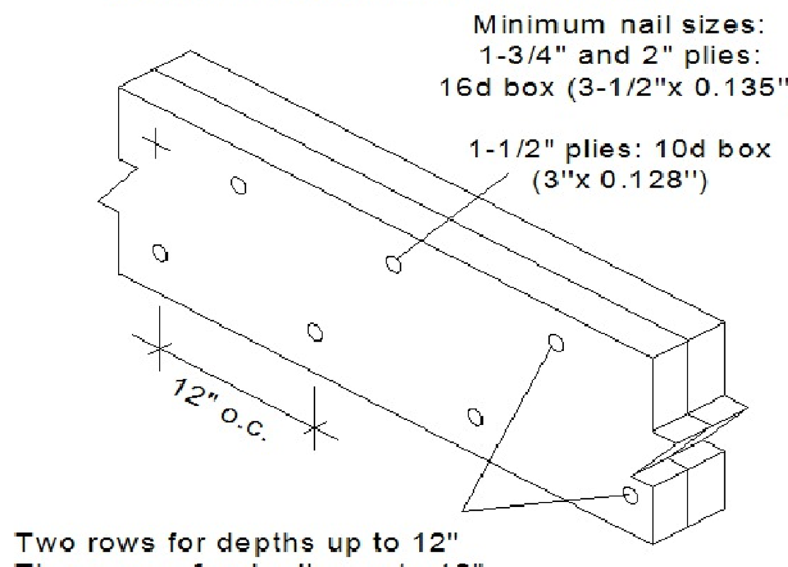
- LP SolidStart I-Joists, LP SolidStart LVL & LP SolidStart LSL beams must be used under dry, covered and well ventilated interior conditions in which the equivalent moisture content in lumber will not exceed 16%.

P1 TOP LOADED BEAM- NAILED CONNECTION
(See Connection Assemblies for more details)



Two rows for depths up to 12"
Three rows for depths up to 18"

Framing is applied to top of the beam so that each ply carries an equal load

Customer Name:
BRAD CUMMINGS

Job Name:
THE LASERIA RESIDENCE

Designer:
Tony Huneycutt

Salesman:
EDDIE BAUER

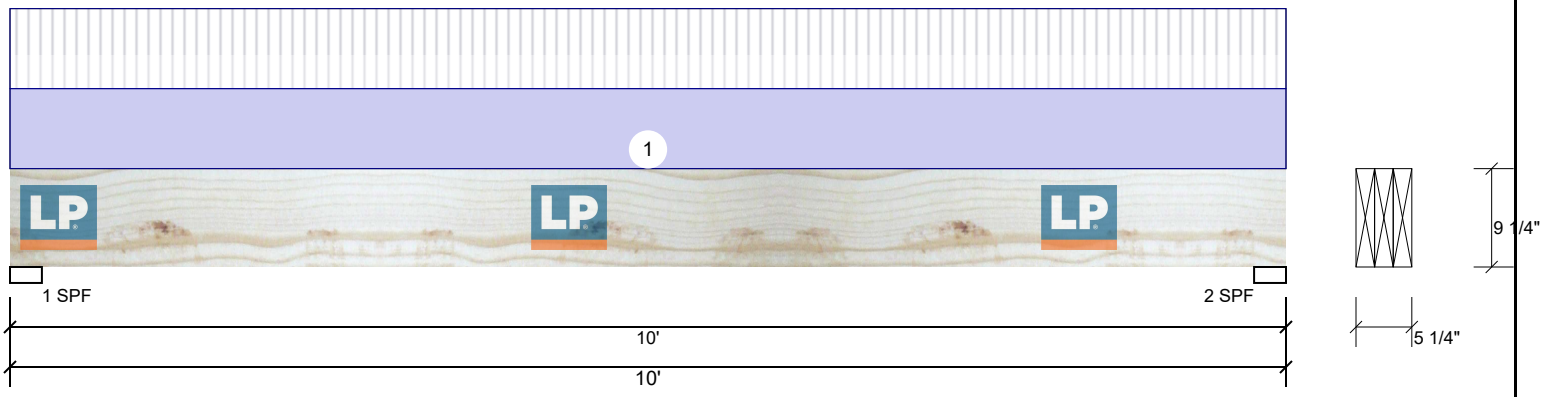
Scale:1/4" = 1'	Date:07/22/20	2nd Floor

BMC®

Client:		Date:	7/22/2020
Project:		Input by:	Tony Huneycutt
Address:		Job Name:	Bartlett-Laseria
		Project #:	

9' Garage Dr. Header LP-LVL 2900Fb-2.0E 1.750" X 9.250" 3-Ply - PASSED

Level: Level



Member Information

Type:	Girder	Application:	Floor
Plies:	3	Design Method:	ASD
Moisture Condition:	Dry	Building Code:	IBC/IRC 2015
Deflection LL:	480	Load Sharing:	Yes
Deflection TL:	240	Deck:	Not Checked
Importance:	Normal		
Temperature:	Temp <= 100°F		

Reactions UNPATTERNED lb (Uplift)

Brg	Live	Dead	Snow	Wind	Const
1	1600	1669	0	0	0
2	1600	1669	0	0	0

Bearings

Bearing	Length	Cap.	React D/L lb	Total	Ld. Case	Ld. Comb.
1 - SPF	3.000"	49%	1669 / 1600	3269	L	D+L
2 - SPF	3.000"	49%	1669 / 1600	3269	L	D+L

Analysis Results

Analysis	Actual	Location	Allowed	Capacity	Comb.	Case
Moment	7572 ft-lb	5'	19369 ft-lb	0.391 (39%)	D+L	L
Shear	2643 lb	11 1/2"	9227 lb	0.286 (29%)	D+L	L
LL Defl inch	0.098 (L/1178)	5'	0.241 (L/480)	0.410 (41%)	L	L
TL Defl inch	0.200 (L/577)	5'	0.481 (L/240)	0.420 (42%)	D+L	L

Design Notes

1 Provide lateral support to prevent rotation at end bearings and at interior bearings when required by code for seismic design.
2 Dead Load Deflection: Instant = 0.102", Long Term = 0.153"
3 Girders are designed to be supported on the bottom edge only.
4 Multiple plies must be fastened together as per manufacturer's details.
5 Top loads must be supported equally by all plies.
6 Top braced at bearings.
7 Bottom braced at bearings.

ID	Load Type	Location	Trib Width	Side	Dead 0.9	Live 1	Snow 1.15	Wind 1.6	Const. 1.25	Comments
1	Uniform			Top	320 PLF	320 PLF	0 PLF	0 PLF	0 PLF	Truss Reaction
	Self Weight				14 PLF					

Notes

This component analysis is based on the loads, geometry and other conditions as entered by the user and listed in this report. The user is responsible to ensure the accuracy of the input and the applicability to the actual conditions of the structure for which this component is intended. This analysis is valid only for the product listed.

This design is valid until 10/31/2021

Manufacturer Info

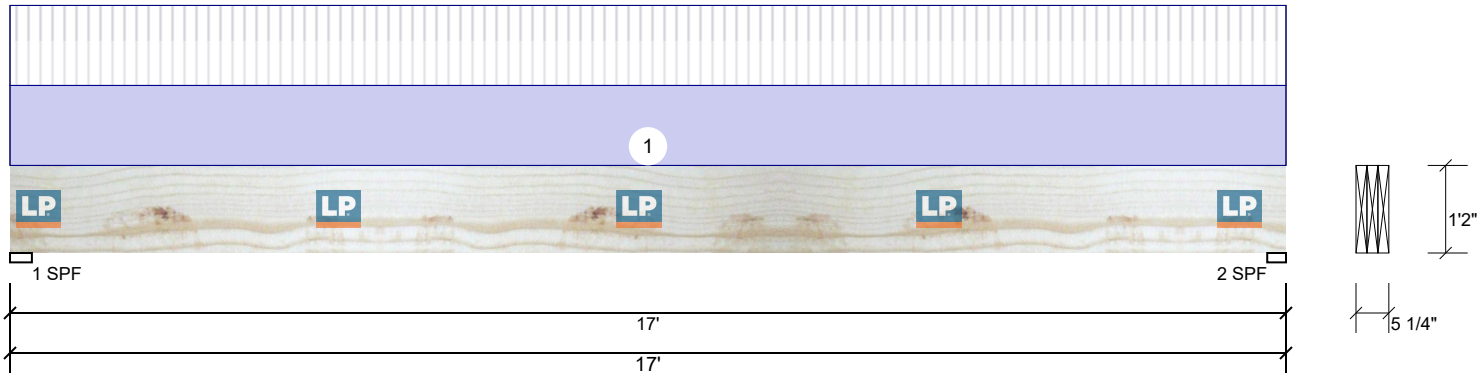
Louisiana-Pacific Corp
414 Union Street, Suite 2000
Nashville, TN 37219
(888) 820-0325
www.lpcorp.com
APA: PR-L280, ICC-ES: ESR-2403, LADBS: RR-25783, Florida: FL15228

BMC/Locust Lumber Company
312 E. Main St., NC
United States
28097
(704) 888-4411

Client:		Date:	7/22/2020
Project:		Input by:	Tony Huneycutt
Address:		Job Name:	Bartlett-Laseria
		Project #:	

16' Garage Dr. Header LP-LVL 2900Fb-2.0E 1.750" X 14.000" 3-Ply - PASSED

Level: Level



Member Information

Type:	Girder	Application:	Floor
Plies:	3	Design Method:	ASD
Moisture Condition:	Dry	Building Code:	IBC/IRC 2015
Deflection LL:	480	Load Sharing:	Yes
Deflection TL:	240	Deck:	Not Checked
Importance:	Normal		
Temperature:	Temp <= 100°F		

Reactions UNPATTERNED lb (Uplift)

Brg	Live	Dead	Snow	Wind	Const
1	2727	2906	0	0	0
2	2713	2892	0	0	0

Bearings

Bearing	Length	Cap.	React D/L lb	Total	Ld. Case	Ld. Comb.
1 - SPF	3.500"	72%	2906 / 2727	5633	L	D+L
2 - SPF	3.000"	84%	2892 / 2713	5605	L	D+L

Analysis Results

Analysis	Actual	Location	Allowed	Capacity	Comb.	Case
Moment	22723 ft-lb	8'6 1/4"	42165 ft-lb	0.539 (54%)	D+L	L
Shear	4710 lb	15'7 3/4"	13965 lb	0.337 (34%)	D+L	L
LL Defl inch	0.244 (L/815)	8'6 5/16"	0.415 (L/480)	0.590 (59%)	L	L
TL Defl inch	0.504 (L/395)	8'6 5/16"	0.829 (L/240)	0.610 (61%)	D+L	L

Design Notes

1 Provide lateral support to prevent rotation at end bearings and at interior bearings when required by code for seismic design.
2 Dead Load Deflection: Instant = 0.260", Long Term = 0.390"
3 Girders are designed to be supported on the bottom edge only.
4 Multiple plies must be fastened together as per manufacturer's details.
5 Top loads must be supported equally by all plies.
6 Top must be continuously braced.
7 Bottom braced at bearings.

ID	Load Type	Location	Trib Width	Side	Dead 0.9	Live 1	Snow 1.15	Wind 1.6	Const. 1.25	Comments
1	Uniform			Top	320 PLF	320 PLF	0 PLF	0 PLF	0 PLF	Attic Truss Reactions
	Self Weight				21 PLF					

Notes

This component analysis is based on the loads, geometry and other conditions as entered by the user and listed in this report. The user is responsible to ensure the accuracy of the input and the applicability to the actual conditions of the structure for which this component is intended. This analysis is valid only for the product listed.

This design is valid until 10/31/2021

Manufacturer Info

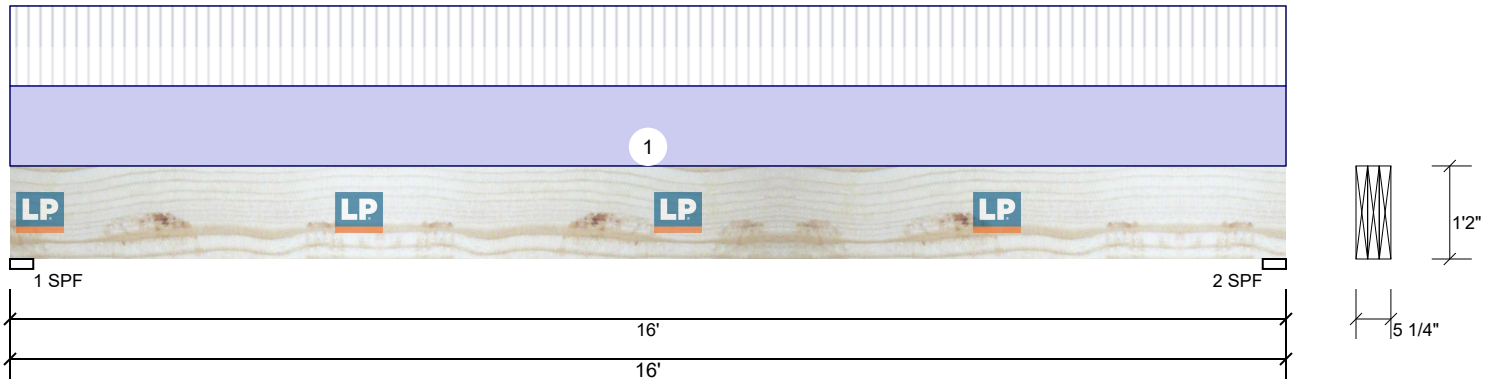
Louisiana-Pacific Corp
414 Union Street, Suite 2000
Nashville, TN 37219
(888) 820-0325
www.lpcorp.com
APA: PR-L280, ICC-ES: ESR-2403, LADBS: RR-25783, Florida: FL15228

BMC/Locust Lumber Company
312 E. Main St., NC
United States
28097
(704) 888-4411

Client:		Date:	7/22/2020
Project:		Input by:	Tony Huneycutt
Address:		Job Name:	Bartlett-Laseria
		Project #:	

Beam @ Loft LP-LVL 2900Fb-2.0E 1.750" X 14.000" 3-Ply - PASSED

Level: Level



Member Information

Type:	Girder	Application:	Floor
Plies:	3	Design Method:	ASD
Moisture Condition:	Dry	Building Code:	IBC/IRC 2015
Deflection LL:	480	Load Sharing:	Yes
Deflection TL:	240	Deck:	Not Checked
Importance:	Normal		
Temperature:	Temp <= 100°F		

Reactions UNPATTERNED lb (Uplift)

Brg	Live	Dead	Snow	Wind	Const
1	2560	2728	0	0	0
2	2560	2728	0	0	0

Bearings

Bearing	Length	Cap.	React D/L lb	Total	Ld. Case	Ld. Comb.
1 - SPF	3.500"	68%	2728 / 2560	5288	L	D+L
2 - SPF	3.500"	68%	2728 / 2560	5288	L	D+L

Analysis Results

Analysis	Actual	Location	Allowed	Capacity	Comb.	Case
Moment	19958 ft-lb	8'	42165 ft-lb	0.473 (47%)	D+L	L
Shear	4366 lb	14'7 1/4"	13965 lb	0.313 (31%)	D+L	L
LL Defl inch	0.190 (L/981)	8' 1/16"	0.389 (L/480)	0.490 (49%)	L	L
TL Defl inch	0.393 (L/475)	8' 1/16"	0.777 (L/240)	0.510 (51%)	D+L	L

Design Notes

1. Provide lateral support to prevent rotation at end bearings and at interior bearings when required by code for seismic design.
2. Dead Load Deflection: Instant = 0.203", Long Term = 0.304"
3. Girders are designed to be supported on the bottom edge only.
4. Multiple plies must be fastened together as per manufacturer's details.
5. Top loads must be supported equally by all plies.
6. Top must be laterally braced at a maximum of 9'10 7/8" o.c.
7. Bottom braced at bearings.

ID	Load Type	Location	Trib Width	Side	Dead 0.9	Live 1	Snow 1.15	Wind 1.6	Const. 1.25	Comments
1	Uniform			Top	320 PLF	320 PLF	0 PLF	0 PLF	0 PLF	Roof Load
	Self Weight				21 PLF					

Notes

This component analysis is based on the loads, geometry and other conditions as entered by the user and listed in this report. The user is responsible to ensure the accuracy of the input and the applicability to the actual conditions of the structure for which this component is intended. This analysis is valid only for the product listed.

This design is valid until 10/31/2021

Manufacturer Info

Louisiana-Pacific Corp
414 Union Street, Suite 2000
Nashville, TN 37219
(888) 820-0325
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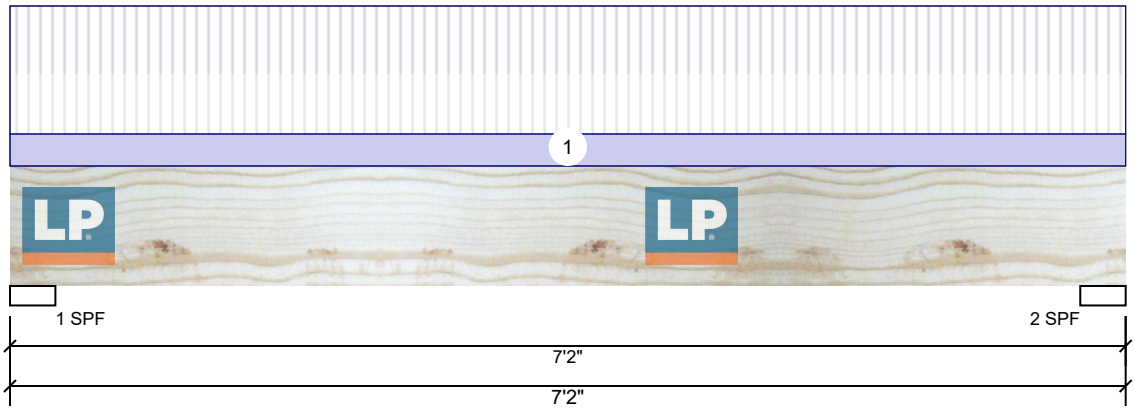
APA: PR-L280, ICC-ES: ESR-2403, LADBS: RR-25783, Florida: FL15228

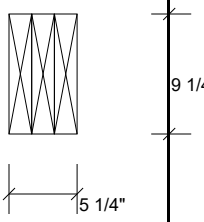
BMC/Locust Lumber Company
312 E. Main St., NC
United States
28097
(704) 888-4411

Client:		Date:	7/22/2020
Project:		Input by:	Tony Huneycutt
Address:		Job Name:	Bartlett-Laseria
		Project #:	

Beam left of Range LP-LVL 2900Fb-2.0E 1.750" X 9.250" 3-Ply - PASSED

Level: Level





Member Information

Type:	Girder	Application:	Floor
Plies:	3	Design Method:	ASD
Moisture Condition:	Dry	Building Code:	IBC/IRC 2015
Deflection LL:	480	Load Sharing:	Yes
Deflection TL:	240	Deck:	Not Checked
Importance:	Normal		
Temperature:	Temp <= 100°F		

Reactions UNPATTERNED lb (Uplift)

Brg	Live	Dead	Snow	Wind	Const
1	1003	301	0	0	0
2	1003	301	0	0	0

Bearings

Bearing	Length	Cap.	React D/L lb	Total	Ld. Case	Ld. Comb.
1 - SPF	3.500"	17%	301 / 1003	1304	L	D+L
2 - SPF	3.500"	17%	301 / 1003	1304	L	D+L

Analysis Results

Analysis	Actual	Location	Allowed	Capacity	Comb.	Case
Moment	2047 ft-lb	3'7"	19369 ft-lb	0.106 (11%)	D+L	L
Shear	940 lb	6'2"	9227 lb	0.102 (10%)	D+L	L
LL Defl inch	0.022 (L/3633)	3'7 1/16"	0.168 (L/480)	0.130 (13%)	L	L
TL Defl inch	0.029 (L/2795)	3'7 1/16"	0.335 (L/240)	0.090 (9%)	D+L	L

Design Notes

1. Provide lateral support to prevent rotation at end bearings and at interior bearings when required by code for seismic design.
2. Dead Load Deflection: Instant = 0.007", Long Term = 0.010"
3. Girders are designed to be supported on the bottom edge only.
4. Multiple plies must be fastened together as per manufacturer's details.
5. Top loads must be supported equally by all plies.
6. Top braced at bearings.
7. Bottom braced at bearings.

ID	Load Type	Location	Trib Width	Side	Dead 0.9	Live 1	Snow 1.15	Wind 1.6	Const. 1.25	Comments
1	Uniform			Top	70 PLF	280 PLF	0 PLF	0 PLF	0 PLF	Floor Load
	Self Weight				14 PLF					

Notes

This component analysis is based on the loads, geometry and other conditions as entered by the user and listed in this report. The user is responsible to ensure the accuracy of the input and the applicability to the actual conditions of the structure for which this component is intended. This analysis is valid only for the product listed.

This design is valid until 10/31/2021

Manufacturer Info

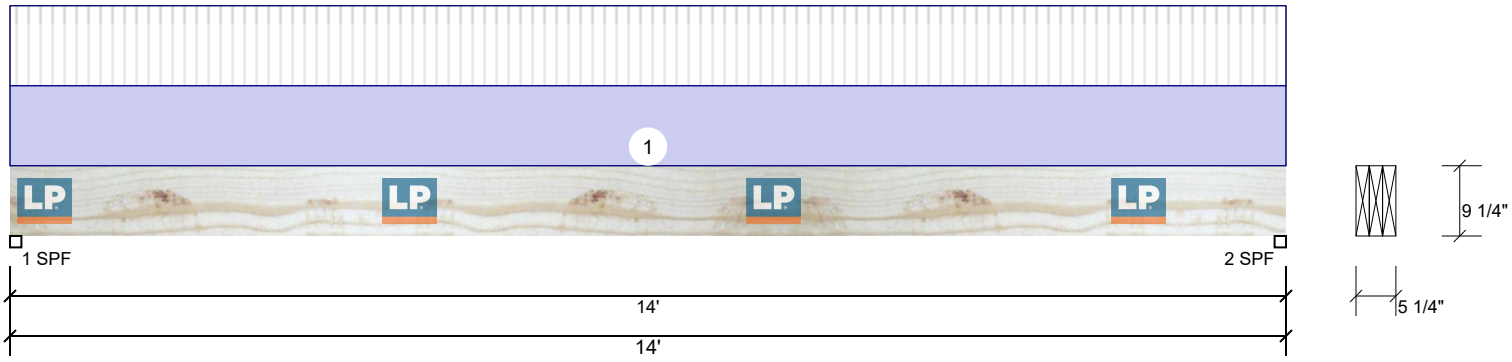
Louisiana-Pacific Corp
414 Union Street, Suite 2000
Nashville, TN 37219
(888) 820-0325
www.lpcorp.com
APA: PR-L280, ICC-ES: ESR-2403, LADBS: RR-25783, Florida: FL15228

BMC/Locust Lumber Company
312 E. Main St., NC
United States
28097
(704) 888-4411

Client:		Date:	7/22/2020
Project:		Input by:	Tony Huneycutt
Address:		Job Name:	Bartlett-Laseria
		Project #:	

Beam over Kitchen LP-LVL 2900Fb-2.0E 1.750" X 9.250" 3-Ply - PASSED

Level: Level



Member Information

Type:	Girder	Application:	Floor
Plies:	3	Design Method:	ASD
Moisture Condition:	Dry	Building Code:	IBC/IRC 2015
Deflection LL:	480	Load Sharing:	Yes
Deflection TL:	240	Deck:	Not Checked
Importance:	Normal		
Temperature:	Temp <= 100°F		

Reactions UNPATTERNED lb (Uplift)

Brg	Live	Dead	Snow	Wind	Const
1	1400	1497	0	0	0
2	1400	1497	0	0	0

Bearings

Bearing	Length	Cap.	React D/L lb	Total	Ld. Case	Ld. Comb.
1 - SPF	1.500"	87%	1497 / 1400	2897	L	D+L
2 - SPF	1.500"	87%	1497 / 1400	2897	L	D+L

Analysis Results

Analysis	Actual	Location	Allowed	Capacity	Comb.	Case
Moment	9960 ft-lb	7'	19369 ft-lb	0.514 (51%)	D+L	L
Shear	2552 lb	10"	9227 lb	0.277 (28%)	D+L	L
LL Defl inch	0.252 (L/660)	7' 1/16"	0.347 (L/480)	0.730 (73%)	L	L
TL Defl inch	0.522 (L/319)	7' 1/16"	0.694 (L/240)	0.750 (75%)	D+L	L

Design Notes

1. Provide lateral support to prevent rotation at end bearings and at interior bearings when required by code for seismic design.
2. Dead Load Deflection: Instant = 0.270", Long Term = 0.405"
3. Girders are designed to be supported on the bottom edge only.
4. Multiple plies must be fastened together as per manufacturer's details.
5. Top loads must be supported equally by all plies.
6. Top braced at bearings.
7. Bottom braced at bearings.

ID	Load Type	Location	Trib Width	Side	Dead 0.9	Live 1	Snow 1.15	Wind 1.6	Const. 1.25	Comments
1	Uniform			Top	200 PLF	200 PLF	0 PLF	0 PLF	0 PLF	
	Self Weight				14 PLF					

Notes

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This design is valid until 10/31/2021

Manufacturer Info

Louisiana-Pacific Corp
414 Union Street, Suite 2000
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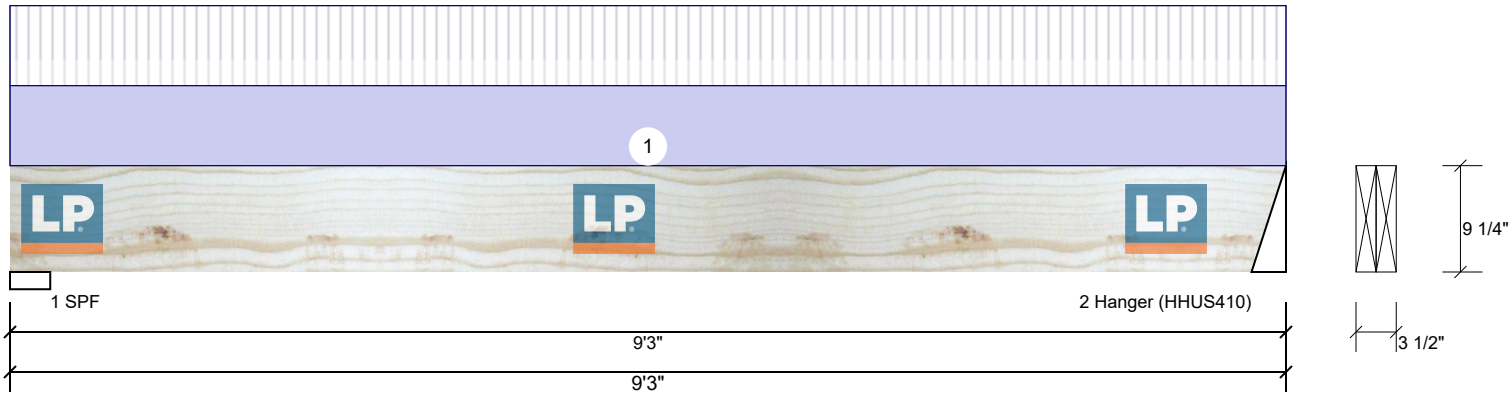
BMC/Locust Lumber Company
312 E. Main St., NC
United States
28097
(704) 888-4411

Client:		Date:	7/22/2020
Project:		Input by:	Tony Huneycutt
Address:		Job Name:	Bartlett-Laseria
		Project #:	

Beam over MBR LP-LVL 2900Fb-2.0E 1.750" X 9.250" 2-Ply - PASSED

Level: Level



Member Information

Type:	Girder	Application:	Floor
Plies:	2	Design Method:	ASD
Moisture Condition:	Dry	Building Code:	IBC/IRC 2015
Deflection LL:	480	Load Sharing:	No
Deflection TL:	240	Deck:	Not Checked
Importance:	Normal		
Temperature:	Temp <= 100°F		

Reactions UNPATTERNED lb (Uplift)

Brg	Live	Dead	Snow	Wind	Const
1	1208	1251	0	0	0
2	1197	1240	0	0	0

Bearings

Bearing	Length	Cap.	React D/L lb	Total	Ld. Case	Ld. Comb.
1 - SPF	3.500"	47%	1251 / 1208	2459	L	D+L
2 - Hanger	3.000"	31%	1240 / 1197	2437	L	D+L

Analysis Results

Analysis	Actual	Location	Allowed	Capacity	Comb.	Case
Moment	5162 ft-lb	4'7 3/4"	12416 ft-lb	0.416 (42%)	D+L	L
Shear	1930 lb	8'3 1/2"	6151 lb	0.314 (31%)	D+L	L
LL Defl inch	0.086 (L/1230)	4'7 3/4"	0.221 (L/480)	0.390 (39%)	L	L
TL Defl inch	0.175 (L/604)	4'7 3/4"	0.442 (L/240)	0.400 (40%)	D+L	L

Design Notes

1. Provide lateral support to prevent rotation at end bearings and at interior bearings when required by code for seismic design.
2. Dead Load Deflection: Instant = 0.089", Long Term = 0.134"
3. Fill all hanger nailing holes.
4. Girders are designed to be supported on the bottom edge only.
5. Multiple plies must be fastened together as per manufacturer's details.
6. Top loads must be supported equally by all plies.
7. Top braced at bearings.
8. Bottom braced at bearings.

ID	Load Type	Location	Trib Width	Side	Dead 0.9	Live 1	Snow 1.15	Wind 1.6	Const. 1.25	Comments
1	Uniform			Top	260 PLF	260 PLF	0 PLF	0 PLF	0 PLF	Roof Load
	Self Weight				9 PLF					

Notes

This component analysis is based on the loads, geometry and other conditions as entered by the user and listed in this report. The user is responsible to ensure the accuracy of the input and the applicability to the actual conditions of the structure for which this component is intended. This analysis is valid only for the product listed.

This design is valid until 10/31/2021

Manufacturer Info

Louisiana-Pacific Corp
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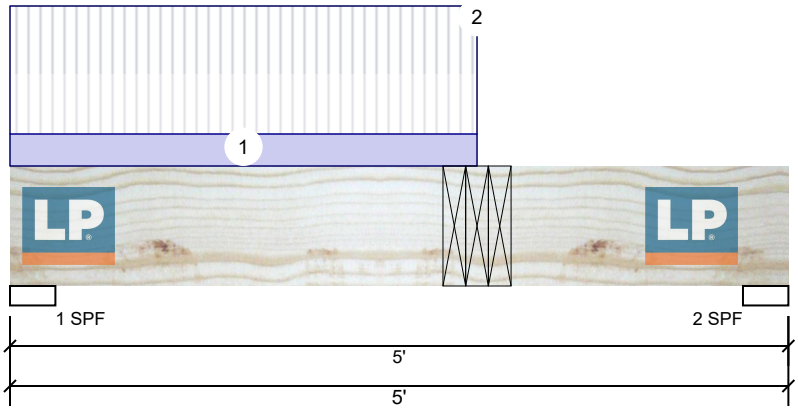
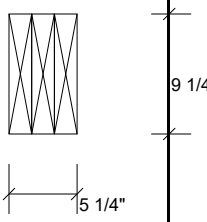
BMC/Locust Lumber Company
312 E. Main St., NC
United States
28097
(704) 888-4411

Client:		Date:	7/22/2020
Project:		Input by:	Tony Huneycutt
Address:		Job Name:	Bartlett-Laseria
		Project #:	

Beam Right of Range LP-LVL 2900Fb-2.0E 1.750" X 9.250" 3-Ply - PASSED

Level: Level





Member Information

Type:	Girder	Application:	Floor
Plies:	3	Design Method:	ASD
Moisture Condition:	Dry	Building Code:	IBC/IRC 2015
Deflection LL:	480	Load Sharing:	Yes
Deflection TL:	240	Deck:	Not Checked
Importance:	Normal		
Temperature:	Temp <= 100°F		

Reactions UNPATTERNED lb (Uplift)

Brg	Live	Dead	Snow	Wind	Const
1	1149	769	0	0	0
2	1091	1007	0	0	0

Bearings

Bearing	Length	Cap.	React D/L lb	Total	Ld. Case	Ld. Comb.
1 - SPF	3.500"	25%	769 / 1149	1919	L	D+L
2 - SPF	3.500"	27%	1007 / 1091	2098	L	D+L

Analysis Results

Analysis	Actual	Location	Allowed	Capacity	Comb.	Case
Moment	3688 ft-lb	3'	19369 ft-lb	0.190 (19%)	D+L	L
Shear	2084 lb	4'	9227 lb	0.226 (23%)	D+L	L
LL Defl inch	0.013 (L/4104)	2'9 3/16"	0.114 (L/480)	0.120 (12%)	L	L
TL Defl inch	0.025 (L/2197)	2'10 1/16"	0.227 (L/240)	0.110 (11%)	D+L	L

Design Notes

1. Provide lateral support to prevent rotation at end bearings and at interior bearings when required by code for seismic design.
2. Dead Load Deflection: Instant = 0.012", Long Term = 0.017"
3. Girders are designed to be supported on the bottom edge only.
4. Multiple plies must be fastened together as per manufacturer's details.
5. Top loads must be supported equally by all plies.
6. Top braced at bearings.
7. Bottom braced at bearings.

ID	Load Type	Location	Trib Width	Side	Dead 0.9	Live 1	Snow 1.15	Wind 1.6	Const. 1.25	Comments
1	Part. Uniform	0-0-0 to 3-0-0		Top	70 PLF	280 PLF	0 PLF	0 PLF	0 PLF	Floor Load
2	Point	3-0-0		Near Face	1497 lb	1400 lb	0 lb	0 lb	0 lb	Beam over Kitchen Brg 2
	Self Weight				14 PLF					

Notes

This component analysis is based on the loads, geometry and other conditions as entered by the user and listed in this report. The user is responsible to ensure the accuracy of the input and the applicability to the actual conditions of the structure for which this component is intended. This analysis is valid only for the product listed.

This design is valid until 10/31/2021

Manufacturer Info

Louisiana-Pacific Corp
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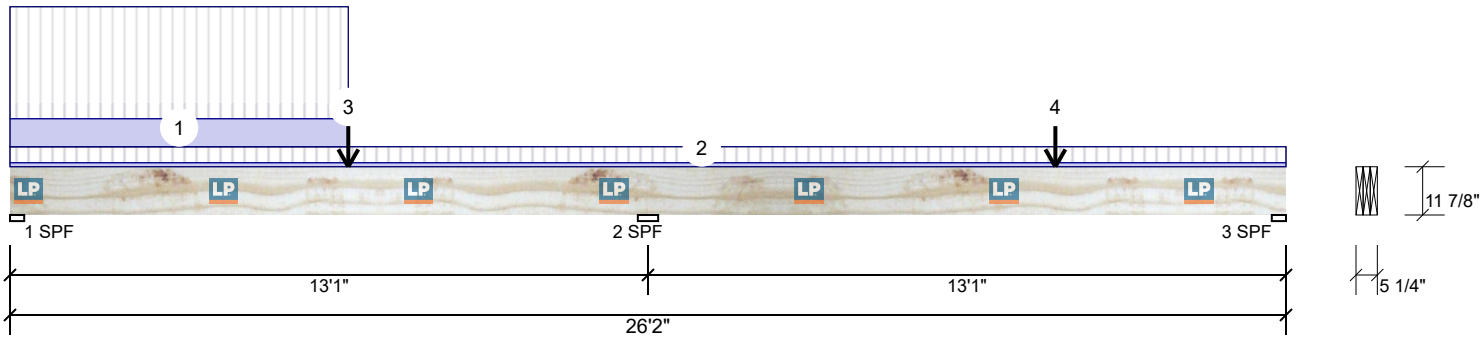
BMC/Locust Lumber Company
312 E. Main St., NC
United States
28097
(704) 888-4411

Client:		Date:	7/22/2020
Project:		Input by:	Tony Huneycutt
Address:		Job Name:	Bartlett-Laseria
		Project #:	

Beam under Kit./Great Room Wall **LP-LVL 2900Fb-2.0E** **1.750" X 11.875"** **3-Ply** - **PASSED** Level: Level



Member Information

Type:	Girder	Application:	Floor
Plies:	3	Design Method:	ASD
Moisture Condition:	Dry	Building Code:	IBC/IRC 2015
Deflection LL:	480	Load Sharing:	Yes
Deflection TL:	240	Deck:	Not Checked
Importance:	Normal		
Temperature:	Temp <= 100°F		

Reactions UNPATTERNED lb (Uplift)

Brg	Live	Dead	Snow	Wind	Const
1	3095	1494	0	0	0
2	6310	4032	0	0	0
3	1628	1238	0	0	0

Bearings

Bearing	Length	Cap.	React D/L lb	Total	Ld. Case	Ld. Comb.
1 - SPF	3.500"	62%	1479 / 3363	4842	L_	D+L
2 - SPF	5.000"	93%	4062 / 6357	10419	LL	D+L
3 - SPF	3.500"	43%	1222 / 2169	3391	_L	D+L

Analysis Results

Analysis	Actual	Location	Allowed	Capacity	Comb.	Case
Neg Moment	-18067 ft-lb	13'1"	31048 ft-lb	0.582 (58%)	D+L	LL
Pos Moment	21720 ft-lb	6'11 1/4"	31048 ft-lb	0.700 (70%)	D+L	L_
Shear	6359 lb	12'1 1/8"	11845 lb	0.537 (54%)	D+L	LL
LL Defl inch	0.259 (L/595)	6'6 5/8"	0.321 (L/480)	0.810 (81%)	L	L_
TL Defl inch	0.382 (L/403)	6'6 7/16"	0.643 (L/240)	0.590 (59%)	D+L	L_

Design Notes

1 Provide lateral support to prevent rotation at end bearings and at interior bearings when required by code for seismic design.
2 Dead Load Deflection: Instant = 0.123", Long Term = 0.184"
3 Girders are designed to be supported on the bottom edge only.
4 Multiple plies must be fastened together as per manufacturer's details.
5 Top loads must be supported equally by all plies.
6 Top must be laterally braced at a maximum of 6'11 5/8" o.c.
7 Bottom must be laterally braced at a maximum of 9'2 1/2" o.c.

ID	Load Type	Location	Trib Width	Side	Dead 0.9	Live 1	Snow 1.15	Wind 1.6	Const. 1.25	Comments
1	Part. Uniform	0-0-0 to 6-11-4		Top	70 PLF	280 PLF	0 PLF	0 PLF	0 PLF	Floor Load
2	Uniform		1-7-3	Top	10 PSF	40 PSF	0 PSF	0 PSF	0 PSF	Std. Floor Loading
3	Point	6-11-4		Top	3013 lb	4286 lb	0 lb	0 lb	0 lb	Header from Above
	Bearing Length	0-3-8								
4	Point	21-5-4		Top	2380 lb	3131 lb	0 lb	0 lb	0 lb	Header From Above
	Bearing Length	0-3-8								
	Self Weight				18 PLF					

Notes

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This design is valid until 10/31/2021

Manufacturer Info

Louisiana-Pacific Corp
414 Union Street, Suite 2000
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(888) 820-0325
www.lpcorp.com
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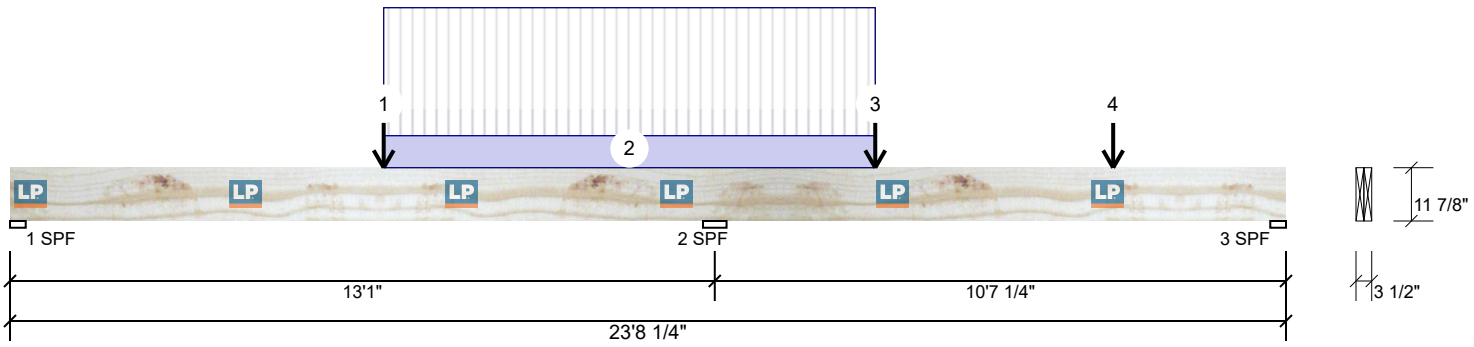
BMC/Locust Lumber Company
312 E. Main St., NC
United States
28097
(704) 888-4411

Client:		Date:	7/22/2020
Project:		Input by:	Tony Huneycutt
Address:		Job Name:	Bartlett-Laseria
		Project #:	

Beam under Kit/Pantry Wall LP-LVL 2900Fb-2.0E 1.750" X 11.875" 2-Ply - PASSED | Level: Level



Member Information

Type:	Girder	Application:	Floor
Plies:	2	Design Method:	ASD
Moisture Condition:	Dry	Building Code:	IBC/IRC 2015
Deflection LL:	480	Load Sharing:	No
Deflection TL:	240	Deck:	Not Checked
Importance:	Normal		
Temperature:	Temp <= 100°F		

Reactions UNPATTERNED lb (Uplift)

Brg	Live	Dead	Snow	Wind	Const
1	511	147	0	0	0
2	4531	2040	0	0	0
3	757	812	0	0	0

Bearings

Bearing	Length	Cap.	React D/L lb	Total	Ld. Case	Ld. Comb.
1 - SPF	3.500"	15%	141 / 654	795 (-15)	L_	D+L(D+L)
2 - SPF	5.250"	85%	2054 / 4561	6615	LL	D+L
3 - SPF	3.500"	35%	804 / 1034	1838	_L	D+L

Analysis Results

Analysis	Actual	Location	Allowed	Capacity	Comb.	Case
Neg Moment	-7436 ft-lb	13'1"	19902 ft-lb	0.374 (37%)	D+L	LL
Pos Moment	5415 ft-lb	20'5 3/4"	19902 ft-lb	0.272 (27%)	D+L	_L
Shear	3284 lb	14' 7/8"	7897 lb	0.416 (42%)	D+L	LL
LL Defl inch	0.123 (L/1257)	6'11 1/4"	0.321 (L/480)	0.380 (38%)	L	L_
TL Defl inch	0.116 (L/1069)	18'6 3/8"	0.519 (L/240)	0.220 (22%)	D+L	_L

Design Notes

1 Provide lateral support to prevent rotation at end bearings and at interior bearings when required by code for seismic design.
2 Dead Load Deflection: Instant = -0.006", Long Term = -0.009"
3 Girders are designed to be supported on the bottom edge only.
4 Multiple plies must be fastened together as per manufacturer's details.
5 Top loads must be supported equally by all plies.
6 Tie-down connection required at bearing 1 for uplift 15 lb (Combination D+L, Load Case _L).
7 Top braced at bearings.
8 Bottom braced at bearings.

ID	Load Type	Location	Trib Width	Side	Dead 0.9	Live 1	Snow 1.15	Wind 1.6	Const. 1.25	Comments
1	Point	6-11-4		Top	301 lb	1003 lb	0 lb	0 lb	0 lb	Beam Above
	Bearing Length	0-3-8								
2	Part. Uniform	6-11-4 to 16-0-12		Top	70 PLF	280 PLF	0 PLF	0 PLF	0 PLF	Floor Load
3	Point	16-0-12		Top	770 lb	1150 lb	0 lb	0 lb	0 lb	Beam Above
	Bearing Length	0-3-8								

Continued on page 2...

Notes

This component analysis is based on the loads, geometry and other conditions as entered by the user and listed in this report. The user is responsible to ensure the accuracy of the input and the applicability to the actual conditions of the structure for which this component is intended. This analysis is valid only for the product listed.

This design is valid until 10/31/2021

Manufacturer Info

Louisiana-Pacific Corp
414 Union Street, Suite 2000
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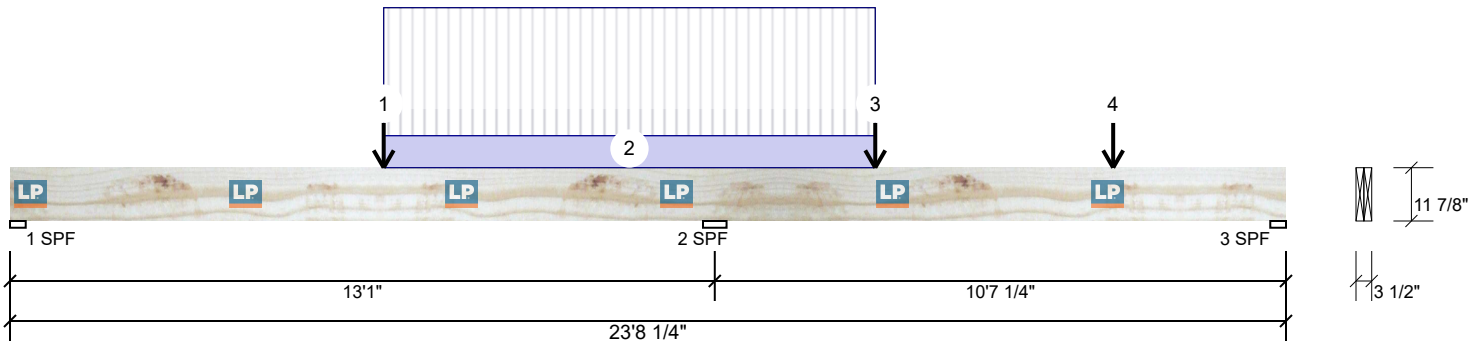
BMC/Locust Lumber Company
312 E. Main St., NC
United States
28097
(704) 888-4411

Client:		Date:	7/22/2020
Project:		Input by:	Tony Huneycutt
Address:		Job Name:	Bartlett-Laseria
		Project #:	

Beam under Kit/Pantry Wall LP-LVL 2900Fb-2.0E 1.750" X 11.875" 2-Ply - PASSED

Level: Level



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ID	Load Type	Location	Trib Width	Side	Dead 0.9	Live 1	Snow 1.15	Wind 1.6	Const. 1.25	Comments
4	Point	20-5-12		Top	1007 lb	1091 lb	0 lb	0 lb	0 lb	Beam Above
	Bearing Length	0-3-8								
	Self Weight				12 PLF					

Notes

This component analysis is based on the loads, geometry and other conditions as entered by the user and listed in this report. The user is responsible to ensure the accuracy of the input and the applicability to the actual conditions of the structure for which this component is intended. This analysis is valid only for the product listed.

This design is valid until 10/31/2021

Manufacturer Info

Louisiana-Pacific Corp
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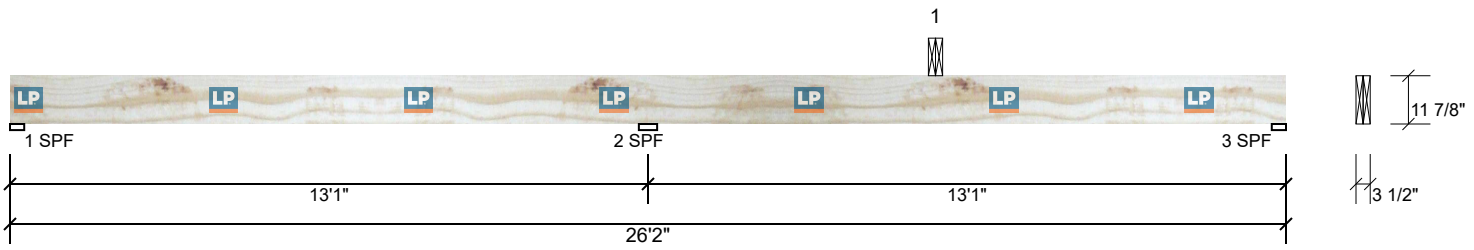
United States
28097
(704) 888-4411

Client:		Date:	7/22/2020
Project:		Input by:	Tony Huneycutt
Address:		Job Name:	Bartlett-Laseria
		Project #:	

Beam under Stair Wall LP-LVL 2900Fb-2.0E 1.750" X 11.875" 2-Ply - PASSED

Level: Level



Member Information

Type:	Girder	Application:	Floor
Plies:	2	Design Method:	ASD
Moisture Condition:	Dry	Building Code:	IBC/IRC 2015
Deflection LL:	480	Load Sharing:	No
Deflection TL:	240	Deck:	Not Checked
Importance:	Normal		
Temperature:	Temp <= 100°F		

Reactions UNPATTERNED lb (Uplift)

Brg	Live	Dead	Snow	Wind	Const
1	0 (-112)	(-56)	0	0	0
2	879	1100	0	0	0
3	442	518	0	0	0

Bearings

Bearing	Length	Cap.	React D/L lb	Total	Ld. Case	Ld. Comb.
1 - SPF	3.500"	0%	-60 / -115	-175 (-175)	_L	D+L(D+L)
2 - SPF	4.500"	30%	1108 / 885	1993	_L	D+L
3 - SPF	3.500"	18%	514 / 438	953	_L	D+L

Analysis Results

Analysis	Actual	Location	Allowed	Capacity	Comb.	Case
Neg Moment	-3270 ft-lb	13'1"	19902 ft-lb	0.164 (16%)	D+L	_L
Pos Moment	6322 ft-lb	18'11 3/4"	19902 ft-lb	0.318 (32%)	D+L	_L
Shear	1650 lb	14' 7/8"	7897 lb	0.209 (21%)	D+L	_L
LL Defl inch	0.077 (L/1997)	19'3 1/4"	0.321 (L/480)	0.240 (24%)	L	LL
TL Defl inch	0.161 (L/958)	19'3 9/16"	0.643 (L/240)	0.250 (25%)	D+L	LL

Design Notes

1 Provide lateral support to prevent rotation at end bearings and at interior bearings when required by code for seismic design.
2 Dead Load Deflection: Instant = 0.084", Long Term = 0.126"
3 Girders are designed to be supported on the bottom edge only.
4 Multiple plies must be fastened together as per manufacturer's details.
5 Top loads must be supported equally by all plies.
6 Tie-down connection required at bearing 1 for uplift 175 lb (Combination D+L, Load Case _L).
7 Top braced at bearings.
8 Bottom braced at bearings.

ID	Load Type	Location	Trib Width	Side	Dead 0.9	Live 1	Snow 1.15	Wind 1.6	Const. 1.25	Comments
1	Point	18-11-12		Top	1251 lb	1208 lb	0 lb	0 lb	0 lb	Beam over MBR Brg 1
	Bearing Length	0-3-8								
	Self Weight				12 PLF					

Notes

This component analysis is based on the loads, geometry and other conditions as entered by the user and listed in this report. The user is responsible to ensure the accuracy of the input and the applicability to the actual conditions of the structure for which this component is intended. This analysis is valid only for the product listed.

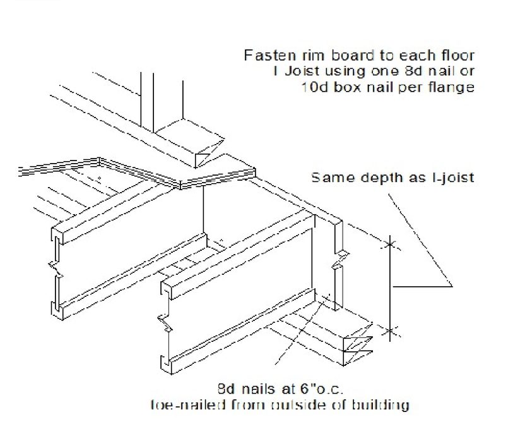
This design is valid until 10/31/2021

Manufacturer Info

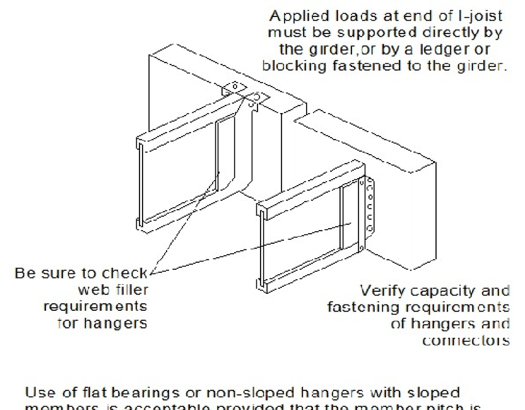
Louisiana-Pacific Corp
414 Union Street, Suite 2000
Nashville, TN 37219
(888) 820-0325
www.lpcorp.com
APA: PR-L280, ICC-ES: ESR-2403, LADBS: RR-25783, Florida: FL15228

BMC/Locust Lumber Company
312 E. Main St., NC
United States
28097
(704) 888-4411

A1 RIM BOARD

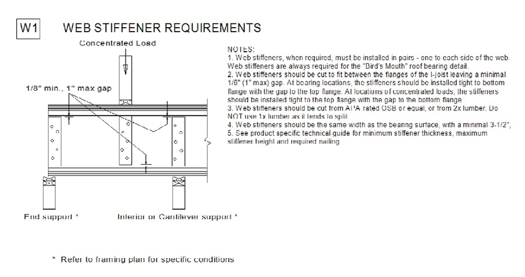


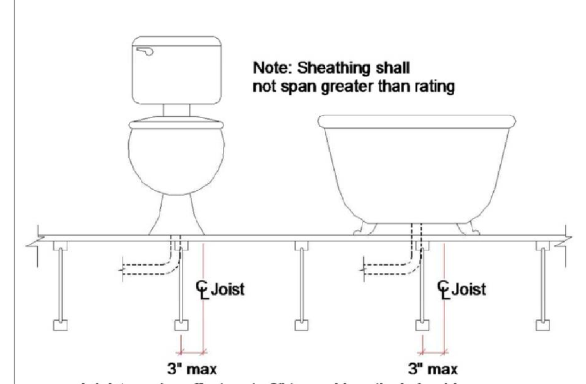
F2 Hanger Detail



Use of flat bearings or non-sloped hangers with sloped members is acceptable provided that the member pitch is less than or equal to 1/2" rise for 12" of run (0.5:12) or 2.39° degrees. Hanger design is the responsibility of the designer.

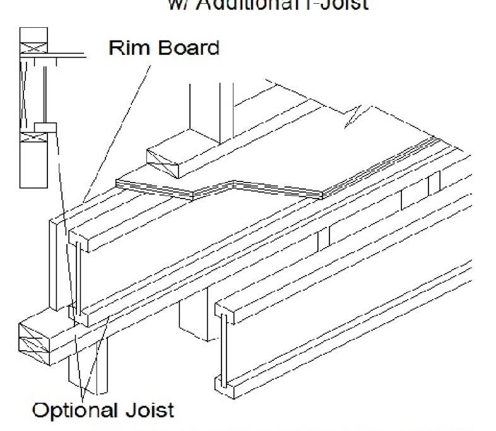
W1 WEB STIFFENER REQUIREMENTS





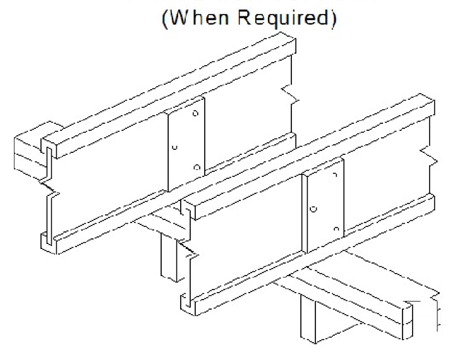
I-Joist can be offset up to 3" to avoid vertical plumbing.

A7i SOLID RIM AS START JOIST w/ Additional I Joist



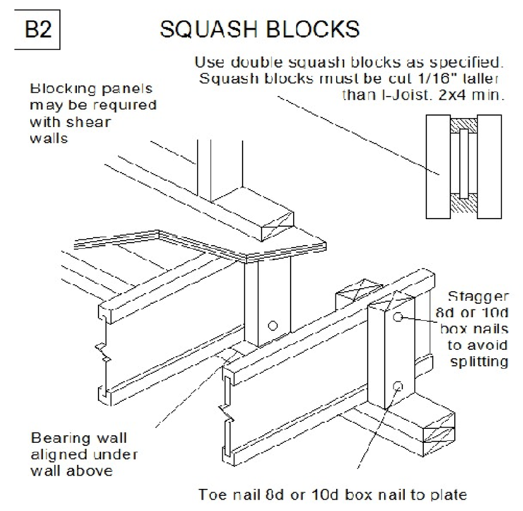
Must be sized to match adjacent joist

B1 WEB STIFFENERS AT INTERIOR SUPPORT (When Required)



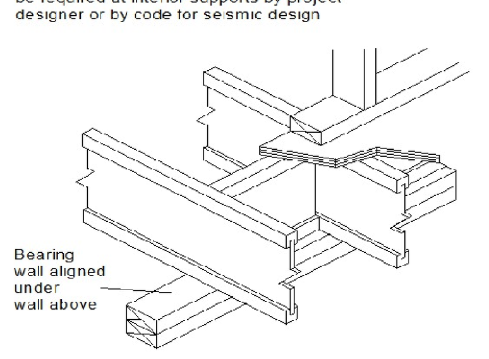
Verify stiffener requirements

B2 SQUASH BLOCKS

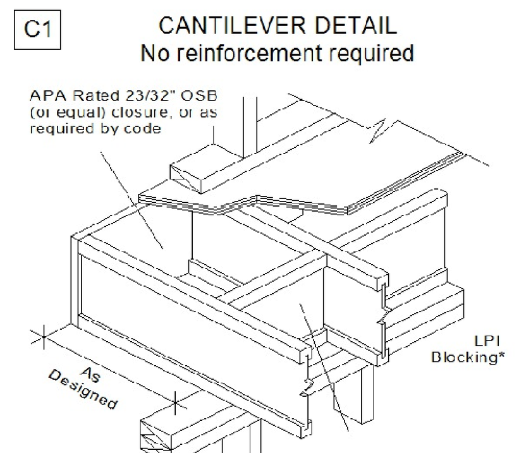


B3 BLOCKING AT INTERIOR SUPPORT

Blocking is not required if no wall above unless I-Joists end at support. Blocking may be required at interior supports by project designer or by code for seismic design



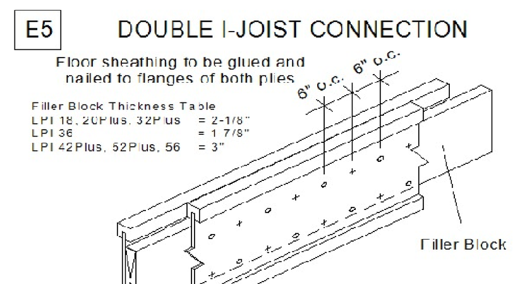
C1 CANTILEVER DETAIL
No reinforcement required



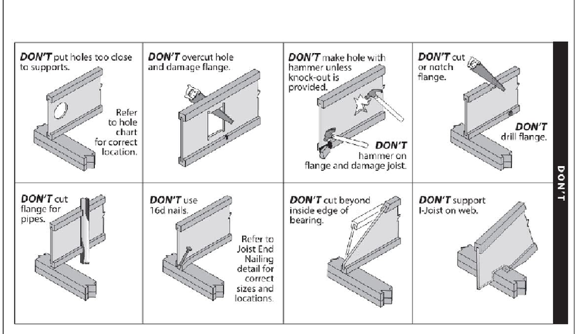
* LPI SolidStart Rim Board, LVL or LSL may be substituted for the LP Blocking

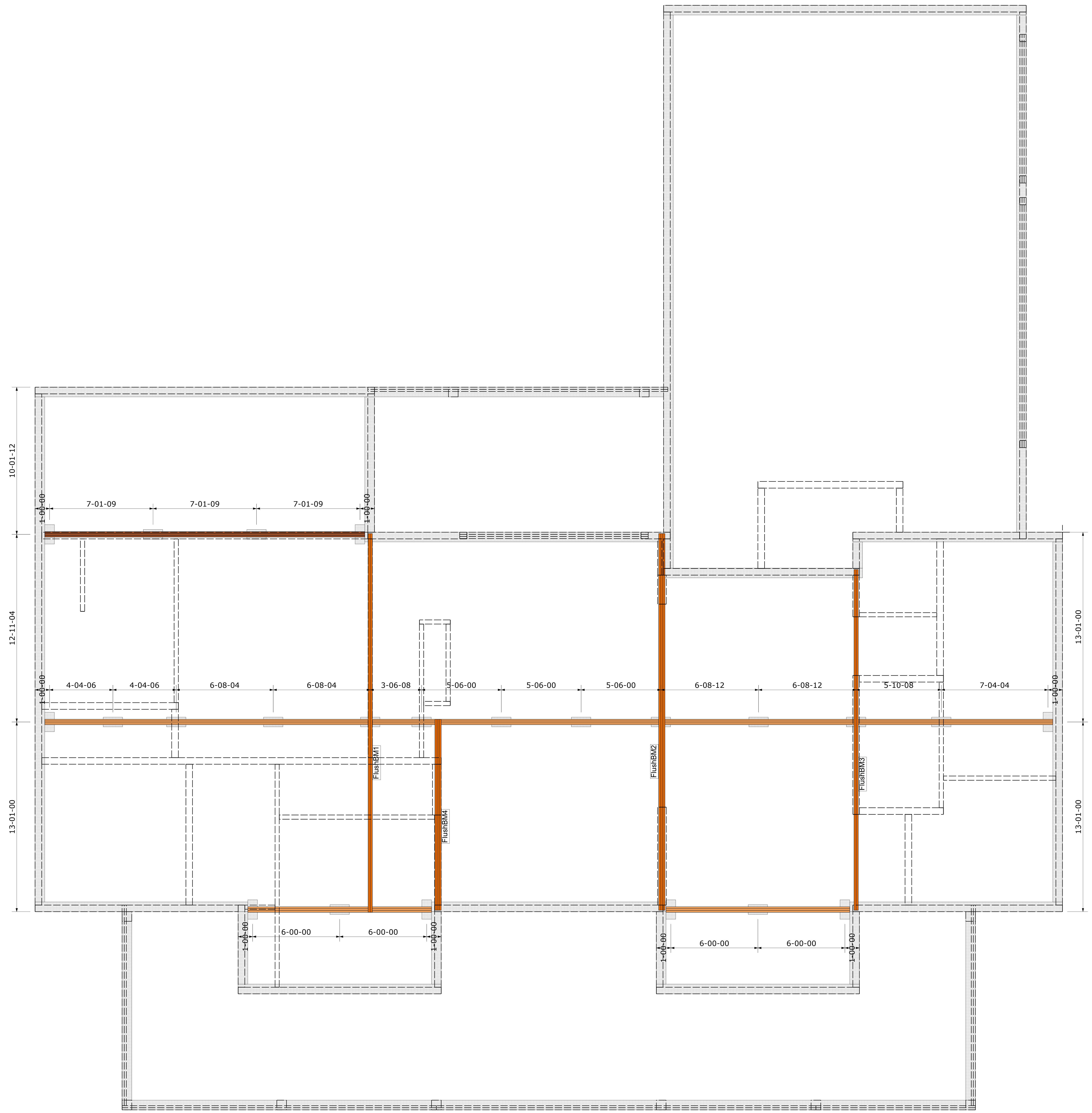
E5 DOUBLE I-JOIST CONNECTION

Floor sheathing to be glued and nailed to flanges of both plies



Filler Blocks: Install in minimum 4' long sections at each support, centered behind each supported hanger and at no more than 8' oc. Lumber fillers may be stacked to achieve the required depth (see notes 2 & 3). For example, two 2' long 2 x 8's may be stacked vertically to achieve the filler depth for an 18" deep I-joist (min. required depth is 18" – 3" – 1" = 14"). Attach filler blocks with 8d nails (10d for flanges wider than 2-1/2") nails spaced 6" or per row. Use one row of nails at each row of stacked fillers, with a minimum of two rows of nails. Drive every other nail from opposite sides.





LP BUILDING SOLUTIONS

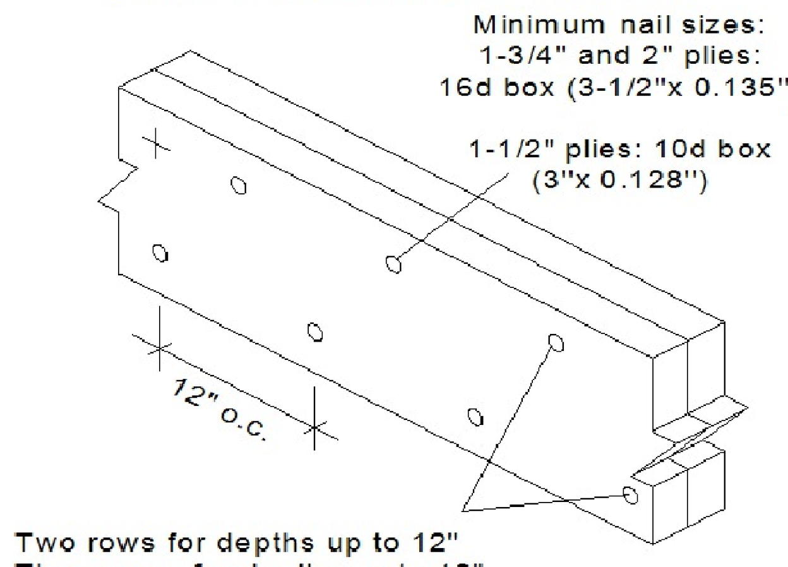
U. S. LUMBER

Important Notes — WARNING: Failure to follow proper procedures for handling, storage and installation could result in unsatisfactory performance, unsafe structures and possible collapse.

These instructions are offered as a guide to good practice in the handling, storage and installation of LP® SolidStart® I-Joists, LP SolidStart LVL & LP SolidStart LSL beams. They are, however, solely general recommendations and, in some instances, other or additional precautions may be desirable. In all cases, the procedures used should be as specified by the architect/engineer responsible for the entire building.

- This is not intended as a manual for selecting products and assumes that components and details have been specified correctly.
- Consult the LP SolidStart I-Joist, LP SolidStart LVL & LP SolidStart LSL brochures or contact your LP SolidStart products distributor for assistance.
- All rim joists, blocking, connections and temporary bracing must be installed before erectors are allowed on the structure.
- No loads other than the weight of the erectors are to be imposed on the structure before it is permanently sheathed.
- After sheathing, do not overload joists with construction materials exceeding design loads.
- LP SolidStart I-Joists, LP SolidStart LVL & LP SolidStart LSL beams must be used under dry, covered and well ventilated interior conditions in which the equivalent moisture content in lumber will not exceed 16%.

P1 TOP LOADED BEAM- NAILED CONNECTION
(See Connection Assemblies for more details)



Framing is applied to top of the beam so that each ply carries an equal load

Customer Name:
BRAD CUMMINGS

Job Name:
THE LASERIA RESIDENCE

Designer:
Tony Huneycutt

Salesman:
EDDIE BAUER

Scale:1/4" = 1'	Date:07/22/20	1ST FLOOR

BMC

BRAD CUMMINGS **BMC/LOCUST LUMBER/SOUTHERN PINES**
THE LASERIA RESIDENCE **SALESMAN:EDDIE BAUER**

FIRST FLOOR FRAMING

1634	LF	12IJ	11-7/8" LPI 20Plus JOISTS			15/36' 3/32' 8/30' 1/28'	3	4902
						18/26' 3/24' 1/20' 3/14'		
						1/10' 9/6' 2/4' + 56' BLKG		
21	PCS	12RIM12	1-1/8" x 11-7/8" x 12' RIM BOARD				43.2	907.2
224	LF	12LVL	1-3/4" x 11-7/8" LVL			2/28' 3/26' 2/24' 3/14'	5.4	1209.6

7018.8

SECOND FLOOR EWP

412	LF	9LVL	1-3/4" x 9-1/4" LVL			2/28' 4/22' 3/16' 7/14' 5/12'	4.2	1730.4
						2/10' 3/8' 3/6'		
42	LF	12LVL	1-3/4" x 11-7/8" LVL			3/14'	5.4	226.8
150	LF	14LVL	1-3/4" x 14" LVL			3/18' 6/16'	6.4	960

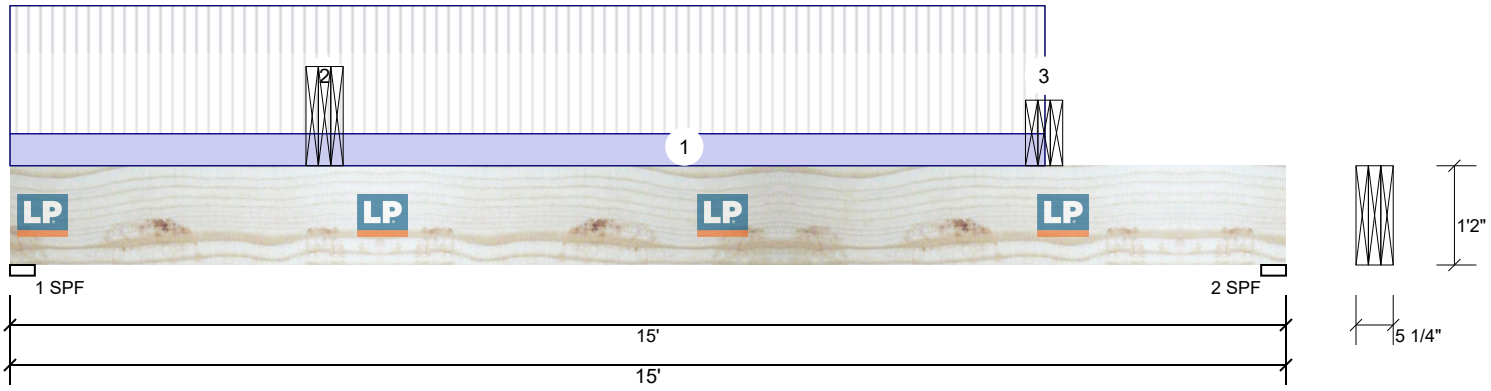
2917.2

0

Client:		Date:	7/22/2020
Project:		Input by:	Tony Huneycutt
Address:		Job Name:	Bartlett-Laseria
		Project #:	

Header @ Kit./Great Room LP-LVL 2900Fb-2.0E 1.750" X 14.000" 3-Ply - PASSED

Level: Level



Member Information

Type:	Girder	Application:	Floor
Plies:	3	Design Method:	ASD
Moisture Condition:	Dry	Building Code:	IBC/IRC 2015
Deflection LL:	480	Load Sharing:	Yes
Deflection TL:	240	Deck:	Not Checked
Importance:	Normal		
Temperature:	Temp <= 100°F		

Reactions UNPATTERNED lb (Uplift)

Brg	Live	Dead	Snow	Wind	Const
1	4236	3013	0	0	0
2	3131	2380	0	0	0

Bearings

Bearing	Length	Cap.	React D/L lb	Total	Ld. Case	Ld. Comb.
1 - SPF	3.500"	93%	3013 / 4236	7249	L	D+L
2 - SPF	3.500"	71%	2380 / 3131	5510	L	D+L

Analysis Results

Analysis	Actual	Location	Allowed	Capacity	Comb.	Case
Moment	23084 ft-lb	5'3 7/16"	42165 ft-lb	0.547 (55%)	D+L	L
Shear	6731 lb	1'4 3/4"	13965 lb	0.482 (48%)	D+L	L
LL Defl inch	0.241 (L/724)	7'2 13/16"	0.364 (L/480)	0.660 (66%)	L	L
TL Defl inch	0.410 (L/425)	7'2 3/8"	0.727 (L/240)	0.560 (56%)	D+L	L

Design Notes

1 Provide lateral support to prevent rotation at end bearings and at interior bearings when required by code for seismic design.
2 Dead Load Deflection: Instant = 0.169", Long Term = 0.254"
3 Girders are designed to be supported on the bottom edge only.
4 Multiple plies must be fastened together as per manufacturer's details.
5 Top loads must be supported equally by all plies.
6 Top must be laterally braced at a maximum of 8'1 1/2" o.c.
7 Bottom braced at bearings.

ID	Load Type	Location	Trib Width	Side	Dead 0.9	Live 1	Snow 1.15	Wind 1.6	Const. 1.25	Comments
1	Part. Uniform	0-0-0 to 12-2-0		Top	70 PLF	280 PLF	0 PLF	0 PLF	0 PLF	Floor Load
2	Point	3-8-6		Top	2728 lb	2560 lb	0 lb	0 lb	0 lb	Beam @ Loft Brg 1
	Bearing Length	0-3-8								
3	Point	12-1-14		Top	1497 lb	1400 lb	0 lb	0 lb	0 lb	Beam over Kitchen Brg 2
	Bearing Length	0-3-8								
	Self Weight				21 PLF					

Notes

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This design is valid until 10/31/2021

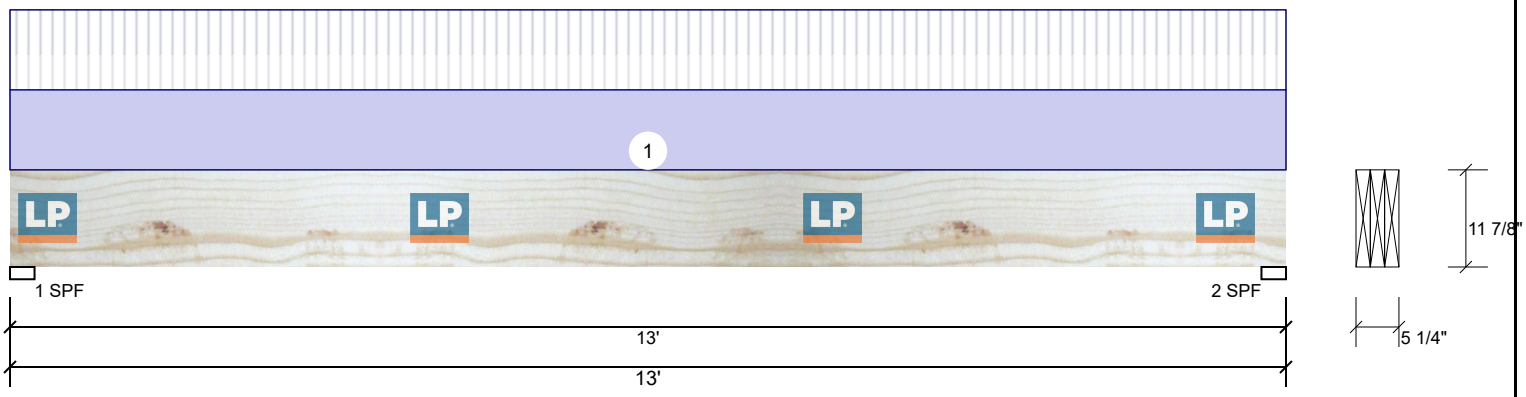
Manufacturer Info

Louisiana-Pacific Corp
414 Union Street, Suite 2000
Nashville, TN 37219
(888) 820-0325
www.lpcorp.com
APA: PR-L280, ICC-ES: ESR-2403, LADBS: RR-25783, Florida: FL15228

BMC/Locust Lumber Company
312 E. Main St., NC
United States
28097
(704) 888-4411

Client:		Date:	7/22/2020
Project:		Input by:	Tony Huneycutt
Address:		Job Name:	Bartlett-Laseria
		Project #:	

Header over Door in Great Room **LP-LVL 2900Fb-2.0E** **1.750" X 11.875"** **3-Ply - PASSED** Level: Level



Member Information

Type:	Girder	Application:	Floor
Plies:	3	Design Method:	ASD
Moisture Condition:	Dry	Building Code:	IBC/IRC 2015
Deflection LL:	480	Load Sharing:	Yes
Deflection TL:	240	Deck:	Not Checked
Importance:	Normal		
Temperature:	Temp <= 100°F		

Reactions UNPATTERNED lb (Uplift)

Brg	Live	Dead	Snow	Wind	Const
1	2275	2391	0	0	0
2	2275	2391	0	0	0

Bearings

Bearing	Length	Cap.	React D/L lb	Total	Ld. Case	Ld. Comb.
1 - SPF	3.000"	70%	2391 / 2275	4666	L	D+L
2 - SPF	3.000"	70%	2391 / 2275	4666	L	D+L

Analysis Results

Analysis	Actual	Location	Allowed	Capacity	Comb.	Case
Moment	14302 ft-lb	6'6"	31048 ft-lb	0.461 (46%)	D+L	L
Shear	3821 lb	1'2 1/8"	11845 lb	0.323 (32%)	D+L	L
LL Defl inch	0.149 (L/1014)	6'6"	0.316 (L/480)	0.470 (47%)	L	L
TL Defl inch	0.306 (L/494)	6'6"	0.631 (L/240)	0.490 (49%)	D+L	L

Design Notes

1. Provide lateral support to prevent rotation at end bearings and at interior bearings when required by code for seismic design.
2. Dead Load Deflection: Instant = 0.157", Long Term = 0.236"
3. Girders are designed to be supported on the bottom edge only.
4. Multiple plies must be fastened together as per manufacturer's details.
5. Top loads must be supported equally by all plies.
6. Top must be continuously braced.
7. Bottom braced at bearings.

ID	Load Type	Location	Trib Width	Side	Dead 0.9	Live 1	Snow 1.15	Wind 1.6	Const. 1.25	Comments
1	Uniform			Top	350 PLF	350 PLF	0 PLF	0 PLF	0 PLF	Roof Load
	Self Weight				18 PLF					

Notes

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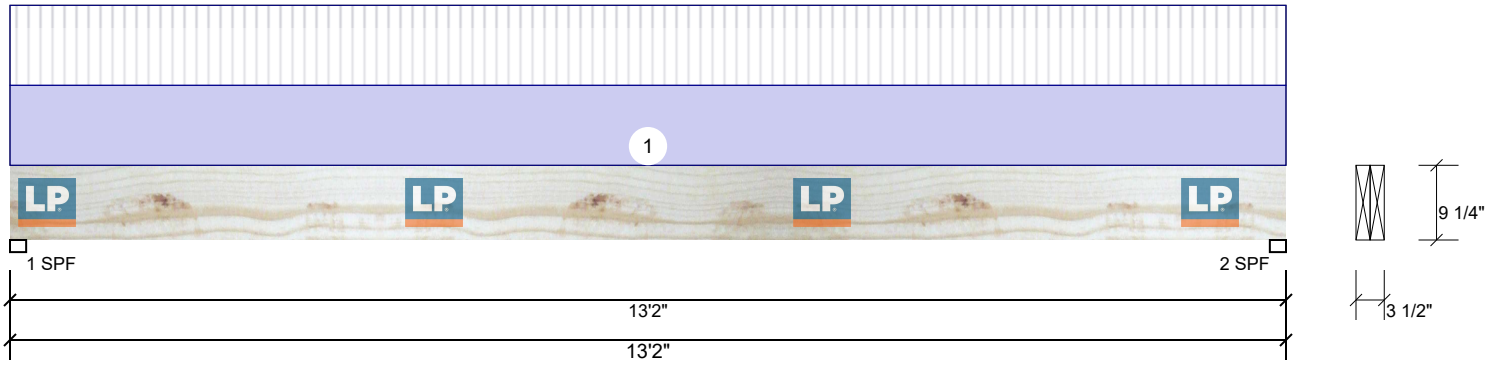
BMC/Locust Lumber Company
312 E. Main St., NC
United States
28097
(704) 888-4411

Client:		Date:	7/22/2020
Project:		Input by:	Tony Huneycutt
Address:		Job Name:	Bartlett-Laseria
		Project #:	

Rear Porch Header LP-LVL 2900Fb-2.0E 1.750" X 9.250" 2-Ply - PASSED

Level: Level



Member Information

Type:	Girder	Application:	Floor
Plies:	2	Design Method:	ASD
Moisture Condition:	Dry	Building Code:	IBC/IRC 2015
Deflection LL:	480	Load Sharing:	No
Deflection TL:	240	Deck:	Not Checked
Importance:	Normal		
Temperature:	Temp <= 100°F		

Reactions UNPATTERNED lb (Uplift)

Brg	Live	Dead	Snow	Wind	Const
1	658	719	0	0	0
2	658	719	0	0	0

Bearings

Bearing	Length	Cap.	React D/L lb	Total	Ld. Case	Ld. Comb.
1 - SPF	2.000"	46%	719 / 658	1378	L	D+L
2 - SPF	2.000"	46%	719 / 658	1378	L	D+L

Analysis Results

Analysis	Actual	Location	Allowed	Capacity	Comb.	Case
Moment	4392 ft-lb	6'7"	12416 ft-lb	0.354 (35%)	D+L	L
Shear	1195 lb	10 1/2"	6151 lb	0.194 (19%)	D+L	L
LL Defl inch	0.145 (L/1073)	6'7"	0.324 (L/480)	0.450 (45%)	L	L
TL Defl inch	0.303 (L/513)	6'7"	0.648 (L/240)	0.470 (47%)	D+L	L

Design Notes

1. Provide lateral support to prevent rotation at end bearings and at interior bearings when required by code for seismic design.
2. Dead Load Deflection: Instant = 0.158", Long Term = 0.237"
3. Girders are designed to be supported on the bottom edge only.
4. Multiple plies must be fastened together as per manufacturer's details.
5. Top loads must be supported equally by all plies.
6. Top braced at bearings.
7. Bottom braced at bearings.

ID	Load Type	Location	Trib Width	Side	Dead 0.9	Live 1	Snow 1.15	Wind 1.6	Const. 1.25	Comments
1	Uniform			Top	100 PLF	100 PLF	0 PLF	0 PLF	0 PLF	Roof Load
	Self Weight				9 PLF					

Notes

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