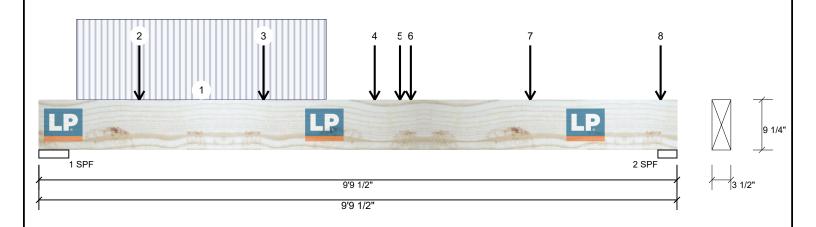


84 Lumber-Fayetteville #2307 CL3187 - 17 Blackbridge Lot 17 Blackbridge Village Date: 2/10/2020 Input by: Kyle Militzer

Job Name: 202002-15246 Project #: 15246

LP-LSL 1.55E 3.500" X 9.250" - PASSED

Level: 2nd Floor



Member Info	rmation			Reac	tions PATTE	RNED Ib (U	lplift)			
Type:	Girder	Application:	Floor	Brg	Live	Dead	Snow	٧	Vind	Const
Plies:	1	Design Method:	ASD	1	2311 (-15)	1172	0		0	0
Moisture Condition	on: Dry	Building Code:	IRC 2012	2	2376 (-4)	876	0		0	0
Deflection LL:	360	Load Sharing:	No							
Deflection TL:	240	Deck:	Not Checked							
Importance:	Normal									
Temperature:	Temp <= 100°F									
General Load				Bear	ings					
Floor Live:	40 PSF			Bea	ring Length	Cap. Rea	ct D/L lb	Total	Ld. Case	Ld. Comb.
Dead:	10 PSF			1 - 8	SPF 5.500"	43% 11	72 / 2311	3483	L	D+L
				2_9	SPF 3.500"	62% 8	76 / 2376	3253	L	D+L

Analysis Results

ſ	Analysis	Actual	Location	Allowed	Capacity	Comb.	Case
ı	Moment	7857 ft-lb	3'5 3/8"	10127 ft-lb	0.776 (78%)	D+L	L
ı	Shear	3471 lb	1'2"	8849 lb	0.392 (39%)	D+L	L
ı	LL Defl inch	0.246 (L/447)	4'11 3/16"	0.306 (L/360)	0.810 (81%)	L	L
ı	TL Defl inch	0.364 (L/302)	4'10 1/4"	0.458 (L/240)	0.800 (80%)	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 = 0.118", Long Term = 0.177"
- 3 Girders are designed to be supported on the bottom edge only.
- 4 Top braced at bearings.
- 5 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	0-7-1 to 4-4-13		Тор	0 PLF	-5 PLF	0 PLF	0 PLF	0 PLF	
2	Point	1-6-8		Тор	385 lb	1037 lb	0 lb	0 lb	0 lb	J2
	Bearing Length	0-3-8								
3	Point	3-5-6		Тор	935 lb	1142 lb	0 lb	0 lb	0 lb	J2
	Bearing Length	0-3-8								
4	Point	5-1-13		Тор	70 lb	283 lb	0 lb	0 lb	0 lb	FB8
	Bearing Length	0-3-8								
5	Point	5-6-8		Тор	166 lb	665 lb	0 lb	0 lb	0 lb	J14
ĺ	Bearing Length	0-3-8								

Continued on page 2...

Notes

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Page 1 of 2



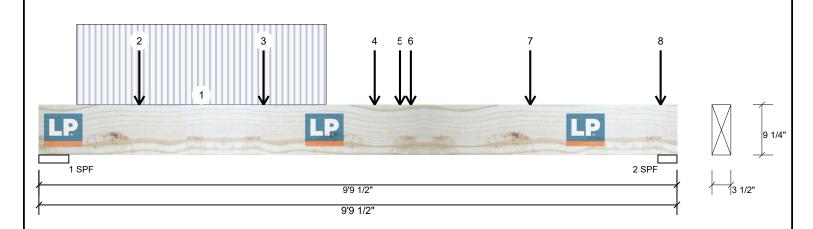


84 Lumber-Fayetteville #2307 CL3187 - 17 Blackbridge Lot 17 Blackbridge Village Date: 2/10/2020 Input by: Kyle Militzer

Job Name: 202002-15246 Project #: 15246

DB1-A LP-LSL 1.55E 3.500" X 9.250" - PASSED

Level: 2nd Floor



Continued from p	page 1									
ID	Load Type	Location	Trib Width	Side	Dead 0.9	Live 1	Snow 1.15	Wind 1.6	Const. 1.25	Comments
6	Point	5-8-8		Тор	23 lb	91 lb	0 lb	0 lb	0 lb	J1
	Bearing Length	0-3-8								
7	Point	7-6-8		Тор	199 lb	795 lb	0 lb	0 lb	0 lb	J1 J14
	Bearing Length	0-3-8								
8	Point	9-6-8		Тор	169 lb	674 lb	0 lb	0 lb	0 lb	J4
	Bearing Length	0-3-8								
	Self Weight				10 PLF					

Notes

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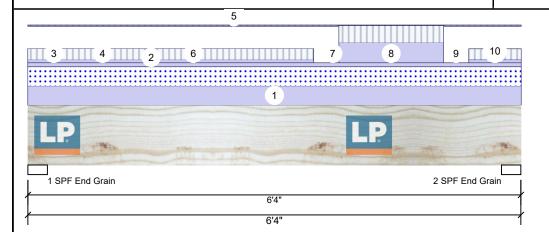


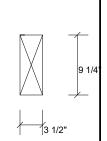
Client: 84 Lumber-Fayetteville #2307 Project: Address:

CL3187 - 17 Blackbridge Lot 17 Blackbridge Village Date: 2/10/2020 Input by: Kyle Militzer Job Name: 202002-15246 Project #:

15246 Level: 2nd Floor

3.500" X 9.250" - PASSED HD2-A **LP-LSL 1.55E**





Page 1 of 2

Type: Plies: Moisture Condition: Dry Deflection LL: 360 Deflection TL: 240 Importance: Normal

Member Information

Temp <= 100°F Temperature:

General Load 40 PSF Floor Live: 10 PSF Dead:

Application: Floor Design Method: ASD **Building Code:** IRC 2012 Load Sharing: No Deck:

Not Checked

Reactions PATTERNED Ib (Uplift)														
Brg	Live	Dead	Snow	Wind	Const									
1	697 (-54)	1807	1203	0	0									
2	696 (-54)	2019	1203	0	0									

Bearings

Bearing Length Cap. React D/L lb Total Ld. Case Ld. Comb. 1 - SPF 3.000" 1807 / 1425 3232 L D+0.75(L+S) End

Grain

2 - SPF 3.000" 2019 / 1425 3443 L D+0.75(L+S) End Grain

Analysis Results

Analysis	Actual	Location	Allowed	Capacity	Comb.	Case
,				- 1 /		
Moment	4701 ft-lb	3'3 5/16"	11647 ft-lb	0.404 (40%)	D+0.75(L+S)	L
Shear	2567 lb	5'4 1/2"	10177 lb	0.252 (25%)	D+0.75(L+S)	L
LL Defl inch	0.045 (L/1590)	3'2"	0.199 (L/360)	0.230 (23%)	0.75(L+S)	L
TL Defl inch	0.106 (L/674)	3'2 1/2"	0.298 (L/240)	0.360 (36%)	D+0.75(L+S)	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 = 0.061", Long Term = 0.092"
- 3 Girders are designed to be supported on the bottom edge only.
- 4 Top braced at bearings.
- 5 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 6-4-0		Тор	380 PLF	0 PLF	380 PLF	0 PLF	0 PLF	
2	Part. Uniform	0-0-0 to 6-4-0		Тор	80 PLF	0 PLF	0 PLF	0 PLF	0 PLF	Wall Self Weight
3	Tapered Start	0-0-0		Тор	0 PLF	1 PLF	0 PLF	0 PLF	0 PLF	
	End	0-8-0			0 PLF	1 PLF	0 PLF	0 PLF	0 PLF	
4	Part. Uniform	0-0-0 to 3-8-0		Тор	67 PLF	219 PLF	0 PLF	0 PLF	0 PLF	J5
5	Part. Uniform	0-0-0 to 6-4-0		Тор	0 PLF	-17 PLF	0 PLF	0 PLF	0 PLF	J5
6	Tapered Start	0-8-0		Тор	0 PLF	1 PLF	0 PLF	0 PLF	0 PLF	
	End	2-8-0			0 PLF	1 PLF	0 PLF	0 PLF	0 PLF	
Continued on pa	age 2									

Notes

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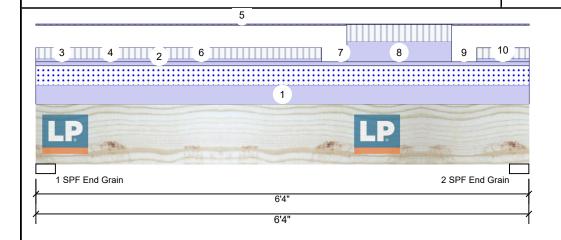
Client: 84 Lumber-Fayetteville #2307 Project: Address:

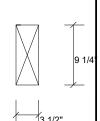
CL3187 - 17 Blackbridge Lot 17 Blackbridge Village Date: 2/10/2020 Input by: Kyle Militzer Job Name: 202002-15246

Project #: 15246

LP-LSL 1.55E 3.500" X 9.250" - PASSED HD2-A

Level: 2nd Floor





Page 2 of 2

Continued from	n page 1									
ID	Load Type	Location	Trib Width	Side	Dead 0.9	Live 1	Snow 1.15	Wind 1.6	Const. 1.25	Comments
7	Tapered Start	2-8-0		Тор	0 PLF	1 PLF	0 PLF	0 PLF	0 PLF	
	End	4-8-0			0 PLF	1 PLF	0 PLF	0 PLF	0 PLF	
8	Part. Uniform	4-0-0 to 5-4-0		Тор	418 PLF	330 PLF	0 PLF	0 PLF	0 PLF	J5
9	Tapered Start	4-8-0		Тор	0 PLF	1 PLF	0 PLF	0 PLF	0 PLF	
	End	6-4-0			0 PLF	1 PLF	0 PLF	0 PLF	0 PLF	
10	Part. Uniform	5-8-0 to 6-4-0		Тор	65 PLF	216 PLF	0 PLF	0 PLF	0 PLF	J5
	Self Weight				10 PLF					
	ID 7 8 9	7 Tapered Start End 8 Part. Uniform 9 Tapered Start End 10 Part. Uniform	ID Load Type Location 7 Tapered Start 2-8-0 End 4-8-0 8 Part. Uniform 4-0-0 to 5-4-0 9 Tapered Start 4-8-0 End 6-4-0 10 Part. Uniform 5-8-0 to 6-4-0	ID Load Type Location Trib Width 7 Tapered Start 2-8-0 End 4-8-0 8 Part. Uniform 4-0-0 to 5-4-0 9 Tapered Start 4-8-0 End 6-4-0 10 Part. Uniform 5-8-0 to 6-4-0	ID Load Type Location Trib Width Side 7 Tapered Start 2-8-0 Top 8 Part. Uniform 4-0-0 to 5-4-0 Top 9 Tapered Start 4-8-0 Top End 6-4-0 Top 10 Part. Uniform 5-8-0 to 6-4-0 Top	ID Load Type Location Trib Width Side Dead 0.9 7 Tapered Start 2-8-0 Top 0 PLF End 4-8-0 Top 418 PLF 8 Part. Uniform 4-0-0 to 5-4-0 Top 418 PLF 9 Tapered Start 4-8-0 Top 0 PLF End 6-4-0 Top 0 PLF 10 Part. Uniform 5-8-0 to 6-4-0 Top 65 PLF	ID Load Type Location Trib Width Side Dead 0.9 Live 1 7 Tapered Start 2-8-0 Top 0 PLF 1 PLF 8 Part. Uniform 4-0-0 to 5-4-0 Top 418 PLF 330 PLF 9 Tapered Start 4-8-0 Top 0 PLF 1 PLF End 6-4-0 Top 0 PLF 1 PLF 10 Part. Uniform 5-8-0 to 6-4-0 Top 65 PLF 216 PLF	ID Load Type Location Trib Width Side Dead 0.9 Live 1 Snow 1.15 7 Tapered Start 2-8-0 Top 0 PLF 1 PLF 0 PLF 8 Part. Uniform 4-0-0 to 5-4-0 Top 418 PLF 330 PLF 0 PLF 9 Tapered Start 4-8-0 Top 0 PLF 1 PLF 0 PLF 10 Part. Uniform 5-8-0 to 6-4-0 Top 65 PLF 216 PLF 0 PLF	ID Load Type Location Trib Width Side Dead 0.9 Live 1 Snow 1.15 Wind 1.6 7 Tapered Start 2-8-0 Top 0 PLF 1 PLF 0 PLF 0 PLF 8 Part. Uniform 4-0-0 to 5-4-0 Top 418 PLF 330 PLF 0 PLF 0 PLF 9 Tapered Start 4-8-0 Top 0 PLF 1 PLF 0 PLF 0 PLF 10 Part. Uniform 5-8-0 to 6-4-0 Top 65 PLF 216 PLF 0 PLF 0 PLF	ID Load Type Location Trib Width Side Dead 0.9 Live 1 Snow 1.15 Wind 1.6 Const. 1.25 7 Tapered Start 2-8-0 Top 0 PLF 1 PLF 0 PLF <td< td=""></td<>

Notes

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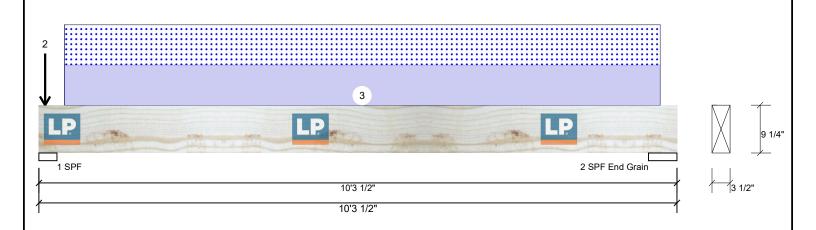
Client: 84 Lumber-Fayetteville #2307 Project: CL3187 - 17 Blackbridge Address: Lot 17 Blackbridge Village

Date: 2/10/2020 Input by: Kyle Militzer Job Name: 202002-15246 Project #:

15246

3.500" X 9.250" - PASSED **LP-LSL 1.55E** DB4-B

Level: 2nd Floor



Member Info	rmation			React	ions PATTE	RNED Ib	(Uplift)		
Type:	Girder	Application:	Floor	Brg	Live	Dead	Snow	Wind	Const
Plies:	1	Design Method:	ASD	1	221 (-34)	864	744	0	0
Moisture Conditi	on: Dry	Building Code:	IRC 2012	2	0	846	792	0	0
Deflection LL:	240	Load Sharing:	No						
Deflection TL:	180	Deck:	Not Checked						
Importance:	Normal								
Temperature:	Temp <= 100°F								
General Load				Beari	ngs				
Floor Live:	40 PSF			Beari	ng Length	Cap. F	React D/L lb	Total Ld. Case	Ld. Comb.
Dead:	10 PSF			1 - SI	PF 3.500"	31%	864 / 744	1608 L	D+S
				2 - SI	PF 5.500"	10%	846 / 792	1638 L	D+S

End Grain

Analysis Results

Analysis	Actual	Location	Allowed	Capacity	Comb.	Case
Moment	3856 ft-lb	5' 3/4"	11647 ft-lb	0.331 (33%)	D+S	L
Shear	1343 lb	1'	10177 lb	0.132 (13%)	D+S	L
LL Defl inch	0.096 (L/1204)	5' 3/4"	0.483 (L/240)	0.200 (20%)	S	L
TL Defl inch	0.199 (L/583)	5' 3/4"	0.644 (L/180)	0.310 (31%)	D+S	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 = 0.103", Long Term = 0.154"
- 3 Girders are designed to be supported on the bottom edge only.
- 4 Top braced at bearings.
- 5 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	0-1-3		Тор	67 lb	221 lb	0 lb	0 lb	0 lb	J5	
	Bearing Length	0-3-8									
2	Point	0-1-3		Тор	0 lb	-34 lb	0 lb	0 lb	0 lb	J5	
3	Part. Uniform	0-4-15 to 10-0-2		Тор	160 PLF	0 PLF	160 PLF	0 PLF	0 PLF		
	Self Weight				10 PLF						

Notes

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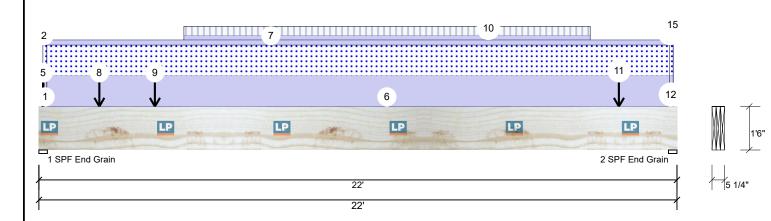
Client: Project:

84 Lumber-Fayetteville #2307 Caviness Land - CL3187 GL CP Date: 3/11/2020 Input by: Kyle Militzer Job Name: CL3187 GL CP

Project #: **CL3187 GL CP** Level: 2nd Floor

FB6-A LP-LVL 2900Fb-2.0E 1.750" X 18.000" 3-Ply - PASSED

Address:



Reactions PATTERNED Ib (Uplift) Type: Girder Application: Floor Brg Live Dead Snow Plies: 3 Design Method: ASD 1131 5725 4125 1 Moisture Condition: Dry **Building Code:** IRC 2012 5677 4125 2 1134 Deflection LL: 360 Load Sharing: Yes Deflection TL: 240 Deck: Not Checked Importance: Normal Temp <= 100°F Temperature: Bearings General Load Floor Live: 40 PSF 10 PSF Dead:

Analysis Results

Member Information

Analysis	Actual	Location	Allowed	Capacity	Comb.	Case
Moment	52730 ft-lb	10'11 15/16"	77329 ft-lb	0.682 (68%)	D+S	L
Shear	8490 lb	1'8 5/8"	20648 lb	0.411 (41%)	D+S	L
LL Defl inch	0.389 (L/665)	11' 1/16"	0.719 (L/360)	0.540 (54%)	S	L
TL Defl inch	0.929 (L/278)	10'11 15/16"	1.078 (L/240)	0.860 (86%)	D+S	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 = 0.540", Long Term = 0.810"
- 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 4'4 1/2" o.c.
- 7 Bottom braced at bearings.

-cug.	•					
Bearing	Length	Cap. F	React D/L lb	Total	Ld. Case	Ld. Comb.
1 - SPF End Grain	3.500"	71%	5725 / 4125	9849	L	D+S
2 - SPF End Grain	3.500"	71%	5677 / 4125	9801	L	D+S

Wind

0

0

Const

0

0

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	0-1-12 to 0-3-6		Тор	380 PLF	0 PLF	380 PLF	0 PLF	0 PLF	
2	Part. Uniform	0-1-12 to 0-3-6		Тор	64 PLF	0 PLF	0 PLF	0 PLF	0 PLF	Wall Self Weight
3	Point	0-1-12		Тор	11 lb	0 lb	0 lb	0 lb	0 lb	Wall Self Weight
	Bearing Length	0-3-8								
4	Point	0-1-12		Тор	4 lb	0 lb	0 lb	0 lb	0 lb	Wall Self Weight
	Bearing Length	0-3-8								
5	Point	0-1-12		Тор	2 lb	0 lb	0 lb	0 lb	0 lb	Wall Self Weight

Continued on page 2...

Notes

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Client: 84 Lumber-Fayetteville #2307
Project: Caviness Land - CL3187 GL CP

Address:

Date: 3/11/2020
Input by: Kyle Militzer

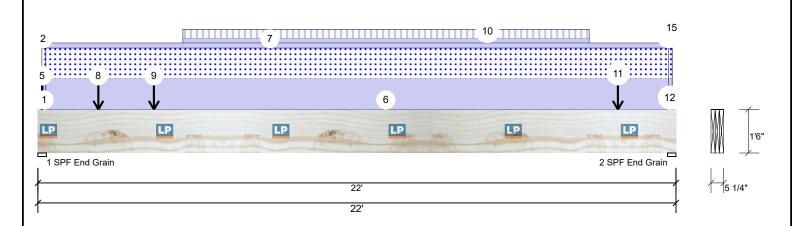
Job Name: CL3187 GL CP
Project #: CL3187 GL CP

FB6-A LP-LVL 2900Fb-2.0E

1.750" X 18.000"

3-Ply - PASSED

Level: 2nd Floor



Continued fro	Continued from page 1										
ID	Load Type	Location	Trib Width	Side	Dead 0.9	Live 1	Snow 1.15	Wind 1.6	Const. 1.25	Comments	
	Bearing Length	0-3-8									
6	Part. Uniform	0-3-6 to 21-8-10		Тор	380 PLF	0 PLF	380 PLF	0 PLF	0 PLF		
7	Part. Uniform	0-3-6 to 21-8-10		Тор	64 PLF	0 PLF	0 PLF	0 PLF	0 PLF	Wall Self Weight	
8	Point	2-1-0		Far Face	147 lb	225 lb	0 lb	0 lb	0 lb	J11	
9	Point	4-0-0		Far Face	112 lb	223 lb	0 lb	0 lb	0 lb	J11	
10	Part. Uniform	5-0-0 to 19-0-0		Far Face	56 PLF	114 PLF	0 PLF	0 PLF	0 PLF		
11	Point	20-0-0		Far Face	106 lb	213 lb	0 lb	0 lb	0 lb	J11	
12	Part. Uniform	21-8-10 to 21-10-4		Тор	380 PLF	0 PLF	380 PLF	0 PLF	0 PLF		
13	Part. Uniform	21-8-10 to 21-10-4		Тор	64 PLF	0 PLF	0 PLF	0 PLF	0 PLF	Wall Self Weight	
14	Tie-In	21-9-10 to 22-0-0	0-10-7	Тор	10 PSF	40 PSF	0 PSF	0 PSF	0 PSF		
15	Tie-In	21-9-10 to 22-0-0	0-1-15	Тор	10 PSF	40 PSF	0 PSF	0 PSF	0 PSF		
	Self Weight				27 PLF						

Notes

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84 Lumber-Fayetteville #2307

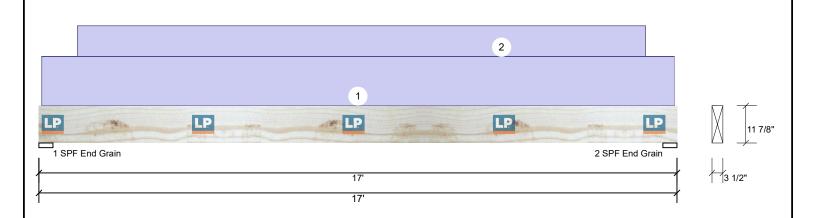
Caviness Land - CL3187 GL CP

Date: 3/26/2020

Input by: Kyle Militzer Job Name: CL3187 GL CP Project #: **CL3187 GL CP**

3.500" X 11.875" - PASSED **LP-LSL 1.55E**

Level: 2nd Floor



Member Info	rmation			Reaction	ons PATTE	RNED lb (l	Uplift)		
Туре:	Girder	Application:	Floor	Brg	Live	Dead	Snow	Wind	Const
Plies:	1	Design Method:	ASD	1	0	2030	0	0	0
Moisture Condition	on: Dry	Building Code:	IRC 2012	2	0	2045	0	0	0
Deflection LL:	360	Load Sharing:	No						
Deflection TL:	240	Deck:	Not Checked						
Importance:	Normal								
Temperature:	Temp <= 100°F								
General Load				Bearin	gs				
Floor Live:	40 PSF			Bearin	g Length	Cap. Rea	act D/L lb	Total Ld. Case	Ld. Comb.
Dead:	10 PSF			1 - SP 	F 4.500"	15%	2030 / 0	2030 Uniform	D
Analysis Resu	pee: Girder ess: 1 Design Method: ASD Building Code: IRC 2012 Incomplete Suite State		Grain						
,		•	,	ase 2 - SP End	F 4.500"	15%	2045 / 0	2045 Uniform	D

Г	Analysis	Actual	Location	Allowed	Capacity	Comb.	Case
	Moment	8404 ft-lb	8'6 1/16"	14578 ft-lb	0.576 (58%)	D	Uniform
	Shear	1809 lb	1'3 5/8"	10224 lb	0.177 (18%)	D	Uniform
	LL Defl inch	0.000 (L/999)	0	999.000 (L/0)	0.000 (0%)		
	TL Defl inch	0.566 (L/347)	8'6 1/16"	0.819 (L/240)	0.690 (69%)	D	Uniform

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 = 0.566", Long Term = 0.848"
- 3 Girders are designed to be supported on the bottom edge only.
- 4 Top braced at bearings.
- 5 Bottom braced at bearings

5 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	0-1-0 to 16-11-0		Тор	146 PLF	0 PLF	0 PLF	0 PLF	0 PLF		
	2	Part. Uniform	1-0-5 to 16-1-14		Тор	92 PLF	0 PLF	0 PLF	0 PLF	0 PLF	Wall Self Weight	
		Self Weight				13 PLF						

Grain

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.

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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 US Lumber 2160 Satellite Blvd, Suite 450, GA 30097 888-613-5078

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84 Lumber-Fayetteville #2307

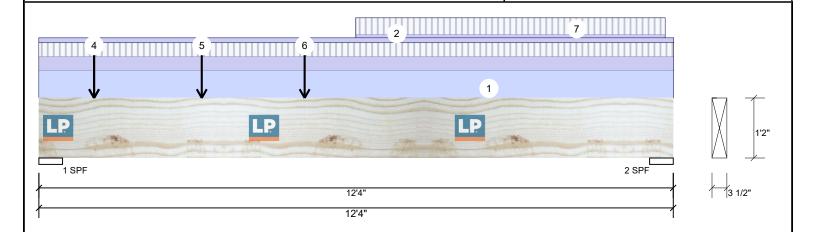
Caviness Land - CL3187 GL CP

Date: 3/26/2020

Input by: Kyle Militzer Job Name: CL3187 GL CP Project #: **CL3187 GL CP**

3.500" X 14.000" - PASSED **LP-LSL 1.55E**

Level: 2nd Floor



Member Infor	rmation			React	Reactions PATTERNED Ib (Uplift)							
Type:	Girder	Application:	Floor	Brg	Live	Dead	Snow	V	Vind	Const		
Plies:	1	Design Method:	ASD	1	3169 (-7)	2802	0		0	2837		
Moisture Condition	n: Dry	Building Code:	IRC 2012	2	3135 (0)	2460	0		0	2837		
Deflection LL:	360	Load Sharing:	No									
Deflection TL:	240	Deck:	Not Checked									
Importance:	Normal											
Temperature:	Temp <= 100°F			-								
General Load				Beari	ngs							
Floor Live:	40 PSF			Bear	ing Length	Cap. Rea	ct D/L lb	Total	Ld. Case	Ld. Comb.		
Dead:	10 PSF			1 - S	PF 5.500"	89% 28	02 / 4504	7306	Uniform	D+0.75(L+C)		
				2 - S	PF 5.500"	85% 24	60 / 4478	6938	Uniform	D+0.75(L+C)		

Analysis Results

I	Analysis	Actual	Location	Allowed	Capacity	Comb.	Case
I	Moment	15569 ft-lb	5'11 7/8"	22073 ft-lb	0.705 (71%)	D+L	L
I	Shear	5505 lb	1'6 3/4"	13393 lb	0.411 (41%)	D+L	L
I	LL Defl inch	0.276 (L/502)	6'1 3/4"	0.385 (L/360)	0.720 (72%)	0.75(L+C)	Uniform
I	TL Defl inch	0.428 (L/323)	6'1 11/16"	0.577 (L/240)	0.740 (74%)	D+0.75(L+C)	Uniform

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 = 0.152", Long Term = 0.229"
- 3 Girders are designed to be supported on the bottom edge only.
- 4 Top braced at bearings.
- 5 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 12-4-0		Тор	230 PLF	230 PLF	0 PLF	0 PLF	460 PLF	
2	Part. Uniform	0-0-0 to 12-4-0		Тор	80 PLF	0 PLF	0 PLF	0 PLF	0 PLF	Wall Self Weight
3	Point	1-0-14		Near Face	501 lb	492 lb	0 lb	0 lb	0 lb	J2
4	Point	1-0-14		Near Face	0 lb	-7 lb	0 lb	0 lb	0 lb	J2
5	Point	3-2-0		Near Face	167 lb	667 lb	0 lb	0 lb	0 lb	J5
6	Point	5-2-0		Near Face	163 lb	652 lb	0 lb	0 lb	0 lb	J5
7	Part. Uniform	6-2-0 to 12-2-0		Near Face	69 PLF	276 PLF	0 PLF	0 PLF	0 PLF	
	Self Weight				16 PLF					

Notes

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