<b>PASSED</b> Level: Level $1^{14^{"}}$ 2  SPF End Grain $1^{14^{"}}$
eactions PATTERNED Ib (Uplift)
g Direction Live Dead Snow Wind C Vertical 0 2481 0 0 Vertical 0 2481 0 0
earings Bearing Length Dir. Cap. React D/L lb Total Ld. Case Ld. Co L - SPF 3.500" Vert 61% 2481 / 3088 5568 L D+C
End Grain
2 - SPF 3.500" Vert 61% 2481 / 3088 5568 L D+C End Grain
Live 1 Snow 1.15 Wind 1.6 Const. 1.25 Comments 0 PSF 0 PSF 0 PSF 20 PSF

CSD DRAW DESIGN BUILD

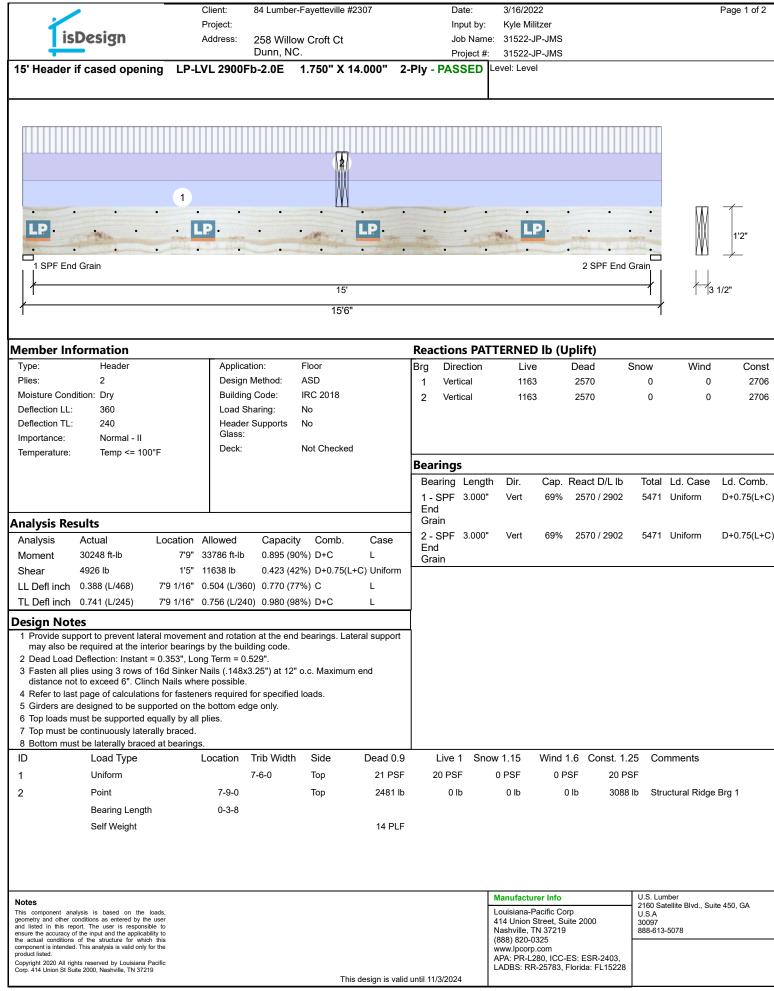
isDesign	Client: Project Addres	t:	Fayetteville #2307 v Croft Ct	Date: Input by: Job Name:	3/16/2022 Kyle Militzer 31522-JP-JMS	Page 2 of
	LP-LVL 2900Fb-	Dunn, NC		Project #:	31522-JP-JMS	
• • • •	· · ·	<del></del>	• • •	• • • •	· · · · · ] 5	
· · ·	· · ·	· · ·	• • • • • • •	· · · · ·	· · · · · · · ·	
1 SPF End Grain			201		2 SPF End Grain	
1			20' 20'7"			3 1/2"
			20 1		I	
d Limit per Foot d Limit per Fastener d Mode e Distance End Distance d Combination	352.8 PLF 117.6 lb. IV 1 1/2" 3"					
ation Factor	1.00					

Notes	Manufacturer Info	U.S. Lumber 2160 Satellite Blvd., Suite 450, GA
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	Louisiana-Pacific Corp 414 Union Street, Suite 2000 Nashville, TN 37219	U.S.A 30097 888-613-5078
component is intended. This analysis is valid only for the product listed	(888) 820-0325 www.lpcorp.com APA: PR-L280, ICC-ES: ESR-2403, LADBS: RR-25783, Florida: FL15228	
This design is valid until 11/3/2024		

	_	Client:	84 Lumbe	r-Fayetteville #2	2307	Date	e:	3/16/202	2					Page 1 of 2
		Project:				Inpu	ut by:	Kyle Milit	zer					
is	Design	Address:		w Croft Ct		Job	Name:	31522-JF	P-JMS					
			Dunn, N			-	ject #:	31522-JF						
15' Header if	door/window openin	g LP-LVL 29	00Fb-2.0E	1.750" X 1	8.000" 3-1	Ply - PASSE	D Le	vel: Level						
				2										
		1		M										
			No. of Concession, Name	· Ш .						MARKET CONTRACT				1
													MM	
LP -	• • •	LP ·	• •	•	_ <b>P</b>	• •	•	LP -			• •		XIXIXI	1'6"
100	a rise	An other than the second second		alt is the	a tra		1	- C.A.	and the second	1	-		IVW	
1 SPF End	d Grain			and the second second second		and the second second second	and the second second		2	SPF End	Grain		ш	
	Grain								2.	SFF Ellu	Grain	1		
1				15'							{			5 1/4"
<i>∤</i>				15'6"								ł		
1				100								1		
Member In	formation					Reactions	PATT	ERNED	lb (Up	olift)				
Туре:	Header	Applic	ation:	Floor		Brg Direct	tion	Live	[	Dead	Sr	ow	Wind	Const
Plies:	3	°	n Method:	ASD		1 Vertica	al	1163		2670		0	0	2706
Moisture Cond			ng Code:	IRC 2018		2 Vertica	al	1163		2670		0	0	2706
Deflection LL:			Sharing:	Yes										
Deflection TL:	240	Glass	er Supports	No										
Importance: Temperature:	Normal - II Temp <= 100°F	Deck:		Not Checked										
Temperature.	Temp <= 100 P					Bearings								
						Bearing L	enath	Dir.	Can B	React D/I	l lh	Total	Ld. Case	Ld. Comb.
						1 - SPF 3	-	Vert		2670 / 29			Uniform	D+0.75(L+C
						End		Vort	11 /0	201072	002	0012	onnonn	D • 0.7 0(L • 0
Analysis Re	sults					Grain								
Analysis	Actual Loca	tion Allowed	Capacit	y Comb.	Case	2 - SPF 3	8.000"	Vert	47%	2670 / 29	902	5572	Uniform	D+0.75(L+C
Moment	30676 ft-lb	7'9" 84054 ft-lb	0.365 (3	6%) D+C	L	End Grain								
Shear	4896 lb	1'9" 22444 lb	0.218 (2	2%) D+0.75(L-	+C) Uniform									
LL Defl inch	0.130 (L/1398) 7'9 1	/16" 0.505 (L/3	60) 0.257 (2	6%) C	L									
TL Defl inch	0.251 (L/723) 7'9 1	/16" 0.757 (L/2	40) 0.332 (3	3%) D+C	L									
Design Not	·es					1								
	oport to prevent lateral mo	vement and rotat	ion at the en	d bearings. Lat	eral support	1								
	e required at the interior b	• •	•	-										
	Deflection: Instant = 0.12 blies using 3 rows of 16d S			'oc Maximum	and									
	of to exceed 6". Clinch Nai				i chu									
	t page of calculations for		•	d loads.										
	<ul> <li>designed to be supported nust be supported equally</li> </ul>		dge only.											
	e continuously laterally bra													
	st be laterally braced at be													
ID	Load Type	Location	Trib Width	Side	Dead 0.9	Live 1	Snow	1.15	Wind 1.	6 Cons	st. 1.25	Co	mments	
1	Uniform		7-6-0	Тор	21 PSF	20 PSF	0	PSF	0 PS	F :	20 PSF			
2	Point	7-9-0		Тор	2481 lb	0 lb		0 lb	01	b	3088 lb	Stru	uctural Ridge	e Brg 1
	Bearing Length	0-3-8		•								-	3-	-
	Self Weight	000			27 PLF									
Notes							М	anufacture	er Info			U.S. Lur		
This component and	alysis is based on the loads,							ouisiana-Pa				U.S.A	tellite Blvd., Sui	ite 450, GA
and listed in this re	conditions as entered by the user port. The user is responsible to of the input and the applicability to							14 Union S ashville, TN		e 2000		30097 388-613	-5078	
the actual conditions	d. This analysis is valid only for the						(8	88) 820-03 ww.lpcorp.o	325					
product listed.	this reserved by Louisiana Pacific						A	PA: PR-L28	30, ICC-ES					
Corp. 414 Union St St	ite 2000, Nashville, TN 37219			This	s design is valid	until 11/3/2024	LA	ADBS: RR-	25783, Flo	orida: FL1	5228			
				i nis	acayıı is valla	unui 11/3/2024								

	Client:	84 Lumber-Fayetteville #2307	Date:	3/16/2022	Page 2 of 2
	Project:		Input by:	Kyle Militzer	1 490 2 01 2
isDesign	Address:	258 Willow Croft Ct		31522-JP-JMS	
		Dunn, NC.	Project #:	31522-JP-JMS	
15' Header if door/windo	w opening LP-LVL 29	900Fb-2.0E 1.750" X 18.000"	3-Ply - PASSED	evel: Level	
		-			
		M			
		M			
· · ·	• • •	· · · · · ·	• • •		
					S
			• • •		1'6"
	• • •	• • •	<u> </u>	· · · ·	$\pm$ $\square$ $\downarrow$
1 SPF End Grain				2 SPF End Grain	
1		15'			5 1/4"
ł		15'6"			,
Multi-Ply Analysis					
	rows of 16d Sinker N	aile ( 1/8v2 25") at 12" o.c.	Nail from both sides	Maximum end distance not	to
exceed 6". Clinch Nails		alis (.140X3.23 ) at 12 0.C 1	Nall Holli Dotti Sides.	Maximum end distance not	10
Capacity	0.0 %				
_oad	0.0 PLF				
Yield Limit per Foot	352.8 PLF				
Yield Limit per Fastener	117.6 lb.				
Yield Mode	IV 1.1/0"				
Edge Distance Min. End Distance	1 1/2" 3"				
Load Combination	5				
Duration Factor	1.00				
	1.00				

	Notes	Manufacturer Info	U.S. Lumber
	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. Copyright 2020 All rights reserved by Louisiana Pacific Corp. 414 Union St Suite 2000, Nashville, TN 37219	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	2160 Satellite Blvd., Suite 450, GA U.S.A 30097 888-613-5078
I	This design is valid until 11/3/2	2024	



	Client:	84 Lumber-Fa	yetteville #2307	Date:	3/16/2022		Page 2 of 2
	Project:			Input by:	Kyle Militzer		
isDesign	Address:	258 Willow C	Croft Ct	Job Name	: 31522-JP-JMS		
		Dunn, NC.		Project #:	31522-JP-JMS		
5' Header if cased opening	LP-LVL 2900F	b-2.0E 1.7	750" X 14.000"	2-Ply - PASSED	evel: Level		
			M				
			IXIX				
			/WN				,
••••	• •	•	• •	• • •	• •	N	$\overline{M}$
	• •	• •	• •	• •	• •	· · · · · · · · · · · · · · · · · · ·	1'2"
	• •	•			• •	· · · · · · · · · · · · · · · · · · ·	
1 SPF End Grain						2 SPF End Grain	
1			15'			1	3 1/2"
ł			15'6"			/	

Fasten all plies using 3 rows of 16d Sinker Nails (.148x3.25") at 12" o.c.. Maximum end distance not to exceed 6". Clinch Nails where possible.

where possible.		
Capacity	0.0 %	
Load	0.0 PLF	
Yield Limit per Foot	352.8 PLF	
Yield Limit per Fastener	117.6 lb.	
Yield Mode	IV	
Edge Distance	1 1/2"	
Min. End Distance	3"	
Load Combination		
Duration Factor	1.00	

Notes	Manufacturer Info	U.S. Lumber 2160 Satellite Blvd., Suite 450, GA
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	Louisiana-Pacific Corp 414 Union Street, Suite 2000 Nashville, TN 37219	U.S.A 30097 888-613-5078
the actual conditions of the structure for which this component is intended. This analysis is valid only for the product listed. Copyright 2020 All rights reserved by Louisiana Pacific Corp. 414 Union SI Suite 2000, Nashville, TN 37219	(888) 820-0325 www.lpcorp.com APA: PR-L280, ICC-ES: ESR-2403, LADBS: RR-25783, Florida: FL15228	
This design is valid until 11/3/2024		