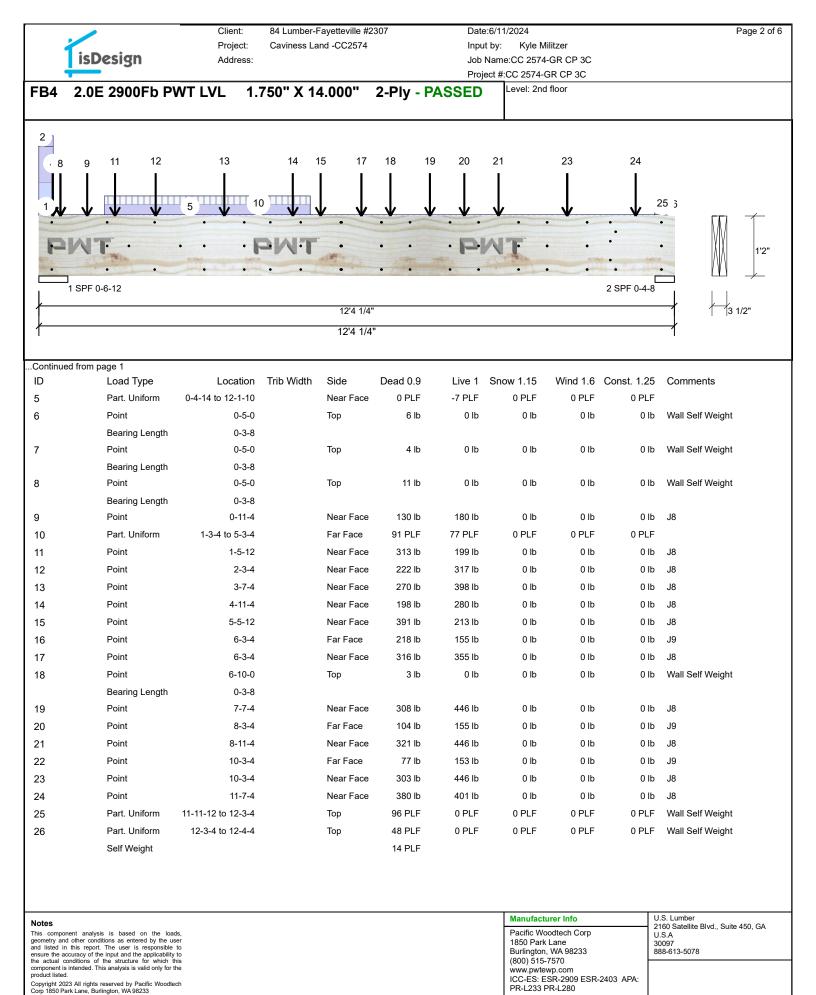
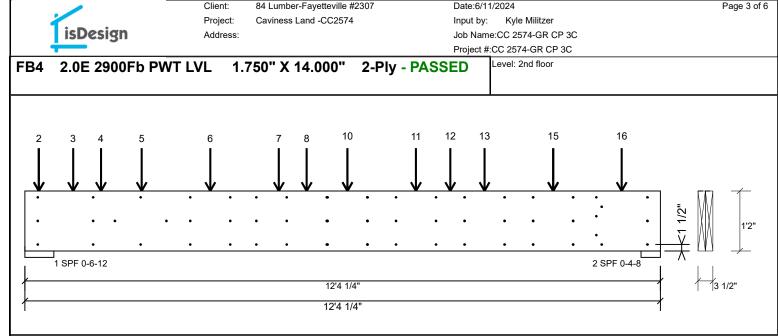
1		Client: Project		-Fayetteville #2 and -CC2574	307		ate:6/11/ put by:	2024 Kyle Mili	zer				Page 1 of 6
is	Design	Addres	SS:					:CC 2574-0 CC 2574-GF					
FB4 2.0	E 2900Fb P	WT LVL	1.750" X 1	4.000"	2-Ply -		<u> </u>	_evel: 2nd fl					
		13 5 V			18		21	Ē	23	24 ↓ ·	25 3	$\overline{\mathbb{M}}$	1'2"
	0-6-12	A MARKAR		•		•		· ·		2 SPF 0-	•	/ V \	
	0-0-12			12'4 1/4'	1					2 3FF 0-	4-0		1/2"
/				12'4 1/4							\longrightarrow		1/2
I				12 - 1/-							I		
Member Inf	ormation					Reaction	ns PAT	TERNED	lb (Up	lift)			
Туре:	Girder		oplication:	Floor		-	ection	Live		ead	Snow	Wind	Cons
Plies:	2		esign Method:	ASD		1 Vert		2321 (-59)		2279	0	0	8
Moisture Cond Deflection LL:	360		uilding Code: ad Sharing:	IRC 2018 No		2 Vert	ical	2305 (-41)	2	2037	0	0	
Deflection TL:	240		eck:	Not Checked									
Importance:	Normal - II												
Temperature:	Temp <= 100°	F				Booring	-						
General Load Floor Live:	40 PSF					Bearing		Dir.	Can R	eact D/L lb	Total	Ld. Case	Ld. Comb
Dead:	40 PSF					Bearing 1 - SPF	-	Vert	•	2279 / 2321	4600		D+L
						2 - SPF		Vert		2037 / 2305	4343		D+L
Analysis Res	sults												
Analysis		Location Allowe	•	•	Case								
Moment	12970 ft-lb	6'3 1/4" 26792		-	L								
Shear	4372 lb	10'9 3/4" 9310 lk	-	-	L								
TL Defl inch	0.114 (L/1210)		(L/360) 0.297 (3) (L/240) 0.382 (3)		L								
		031/4 0.377 ((L/240) 0.302 (30	570) D+L	L	{							
1 Provide sup	es port to prevent latera	al movement and r	otation at the end	hearings Late	eral support	4							
 2 Dead Load I 3 Fasten all pl distance not 4 Refer to last 5 Concentrate present. 6 Girders are 7 Top loads m 8 Top must be 	required at the inte Deflection: Instant = lies using 3 rows of to exceed 6". Clinci page of calculation de load fastener spe- designed to be supp ust be supported eq laterally braced at a t be laterally braced	0.106", Long Term 16d Sinker Nails (. h Nails where poss s for fasteners req cification is in addir ported on the botto qually by all plies. a maximum of 10'2	n = 0.159". 148x3.25") at 12" sible. uired for specified tion to hanger fas m edge only.	l loads.									
ID	Load Type		on Trib Width		Dead 0.9	Live		w 1.15		6 Const. 1.		nments	
1	Part. Uniform	0-0-0 to 0-3		Тор	320 PLF	0 PLI		0 PLF	0 PLF				
2	Part. Uniform	0-0-0 to 0-3		Тор	96 PLF	0 PLI		0 PLF	0 PLF			I Self Weight	t
3	Point	0-3		Near Face	59 lb	174 II		0 lb	0 lb) Ib J18		
4 ontinued on pag	Point ge 2	0-3	5-4	Near Face	dl 0	-18 ll	D	0 lb	0 lb) () lb J18		
geometry and other co and listed in this repu- ensure the accuracy of the actual conditions component is intended. product listed.	tysis is based on the loc onditions as entered by the u ort. The user is responsible the input and the applicabilit of the structure for which This analysis is valid only for	user a to y to this the					-	Manufactum Pacific Wood 1850 Park L Burlington, V (800) 515-75 www.pwtewp ICC-ES: ESI	Itech Corp ane VA 98233 570 5.com	R-2403 APA:	U.S. Lun 2160 Sa U.S.A 30097 888-613	tellite Blvd., Sui	te 450, GA
Copyright 2023 All righ Corp 1850 Park Lane, E	ts reserved by Pacific Woodt Burlington, WA 98233	tech		This	design is valid	until 6/28/202	6	PR-L233 PR		. 2.00 AIA.			



Version 23.40.705 Powered by iStruct[™] Dataset: 23072501.15733

This design is valid until 6/28/2026



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

Capacity	23.8 %	
Load	84.0 PLF	
Yield Limit per Foot	352.8 PLF	
Yield Limit per Fastener	117.6 lb.	
См	1	
Yield Mode	IV	
Edge Distance	1 1/2"	
Min. End Distance	3"	
Load Combination	D+L	
Duration Factor	1.00	

Concentrated Load

Fasten at concentrated side load at 0-11-4 with a

minimum of (3) – 16d Sinker Nails (.148x3.25") in the

pattern shown.

Capacity	43.9 %	
Load	155.0lb.	
Total Yield Limit	352.7 lb.	
Cg Cm	0.9998	
См	1	
Yield Limit per Fastener	117.6 lb.	
Yield Mode	IV	
Load Combination	D+L	
Duration Factor	1.00	

Concentrated Load Fasten at concentrated side load at 3-7-4 with a

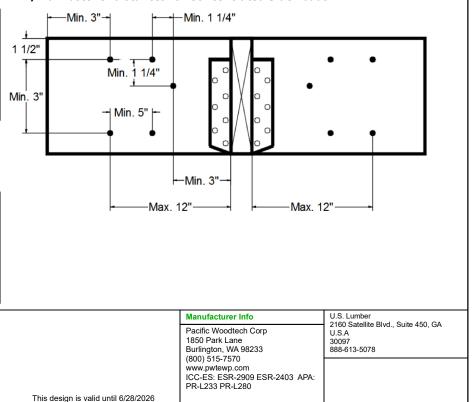
minimum of (6) - 16d Sinker Nails (.148x3.25") in the pattern shown. Capacity 47.3 %

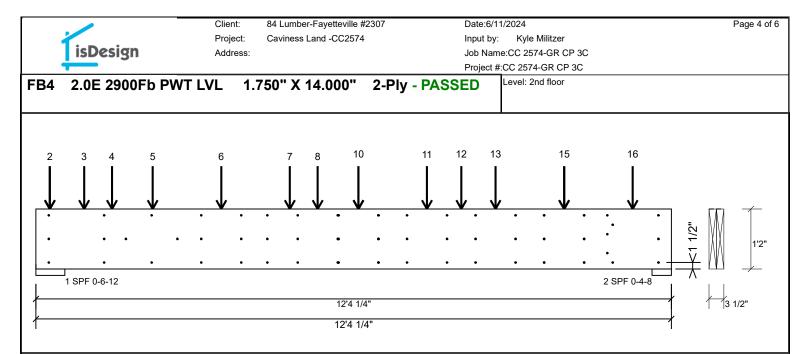
oupdony	11.0 /0	
Load	334.0lb.	
Total Yield Limit	705.4 lb.	
Cg	0.9998	
Cg См	1	
Yield Limit per Fastener	117.6 lb.	
Yield Mode	IV	
Load Combination	D+L	
Duration Factor	1.00	

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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Concentrated Load

Fasten at concentrated side load at 5-5-12 with a

minimum of (6) – 16d Sinker Nails (.148x3.25") in the

pattern	shown
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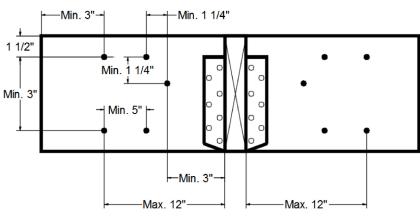
Capacity	42.8 %
Load	302.0lb.
Total Yield Limit	705.4 lb.
Cg	0.9998
См	1
Yield Limit per Fastener	117.6 lb.
Yield Mode	IV
Load Combination	D+L
Duration Factor	1.00

Concentrated Load

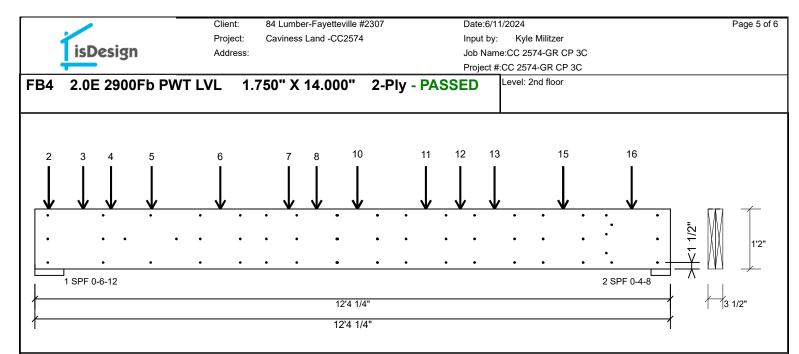
Fasten at concentrated side load at 6-3-4 with a minimum of (6) – 16d Sinker Nails (.148x3.25") in the

pattern	shown.
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Capacity	47.6 %	
Load	335.5lb.	
Total Yield Limit	705.4 lb.	
Cg	0.9998	
См	1	
Yield Limit per Fastener	117.6 lb.	
Yield Mode	IV	
Load Combination	D+L	
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	Pacific Woodtech Corp 1850 Park Lane Burlington, WA 98233	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 2023 All rights reserved by Pacific Woodtech Corp 1850 Park Lane, Burlington, WA 9823	(800) 515-7570 www.pwtewp.com ICC-ES: ESR-2909 ESR-2403 APA: PR-L233 PR-L280		
This design is valid until 6/28/2026			



Concentrated Load

Fasten at concentrated side load at 7-7-4 with a

minimum of (6) – 16d Sinker Nails (.148x3.25") in the

pattern shown.

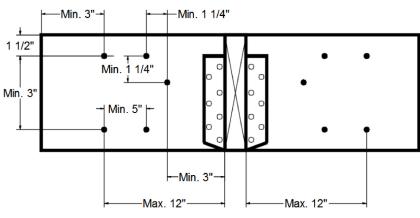
Capacity	53.4 %
Load	377.0lb.
Total Yield Limit	705.4 lb.
Cg Cm	0.9998
См	1
Yield Limit per Fastener	117.6 lb.
Yield Mode	IV
Load Combination	D+L
Duration Factor	1.00

Concentrated Load

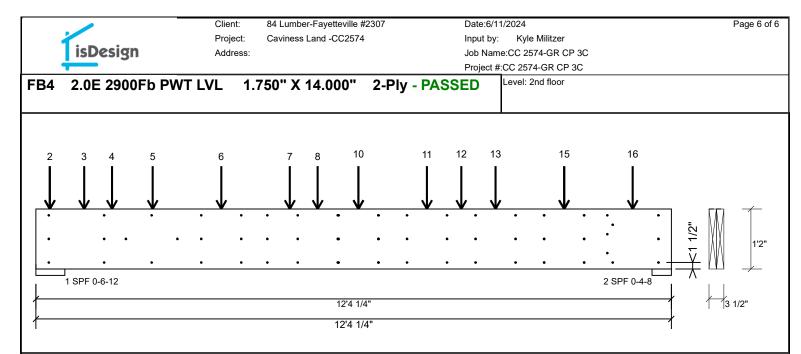
Fasten at concentrated side load at 8-11-4 with a minimum of (6) – 16d Sinker Nails (.148x3.25") in the

pattern	shown.

Capacity	54.4 %	
Load	383.5lb.	
Total Yield Limit	705.4 lb.	
Cg	0.9998	
См	1	
Yield Limit per Fastener	117.6 lb.	
Yield Mode	IV	
Load Combination	D+L	
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 the actual conditions of the structure for which this component is intended. This analysis is valid only for the product listed.	Pacific Woodtech Corp 1850 Park Lane Burlington, WA 98233 (800) 515-7570 www.pwtewp.com ICC-ES: ESR-2909 ESR-2403 APA;	U.S.A 30097 888-613-5078
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Concentrated Load

Fasten at concentrated side load at 10-3-4 with a

minimum of (6) – 16d Sinker Nails (.148x3.25") in the

pattern shown

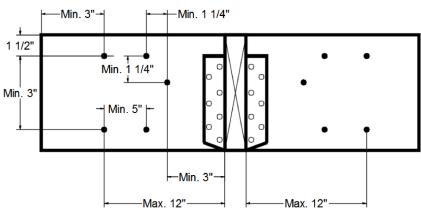
•	
Capacity	53.1 %
Load	374.5lb.
Total Yield Limit	705.4 lb.
Сg См	0.9998
См	1
Yield Limit per Fastener	117.6 lb.
Yield Mode	IV
Load Combination	D+L
Duration Factor	1.00
Load Combination	D+L

Concentrated Load

Fasten at concentrated side load at 11-7-4 with a minimum of (5) – 16d Sinker Nails (.148x3.25") in the

pattern	shown.
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Capacity	66.4 %
Load	390.5lb.
Total Yield Limit	587.8 lb.
Cg	0.9998
См	1
Yield Limit per Fastener	117.6 lb.
Yield Mode	IV
Load Combination	D+L
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 the actual conditions of the structure for which this	Pacific Woodtech Corp 1850 Park Lane Burlington, WA 98233 (800) 515-7570	U.S.A 30097 888-613-5078
component is intended. This analysis is valid only for the product listed. Copyright 2023 All rights reserved by Pacific Woodtech	(600) 515-7570 www.pwtewp.com ICC-ES: ESR-2909 ESR-2403 APA: PR-L233 PR-L280	
Corp 1850 Park Lane, Burlington, WA 98233 This design is valid ur		

Pine: 2 Design Method: ASD Building Code: IRC 2018 Load Sharing: No Deck: 1 Vertical 202 1434 0 2 Vertical 360 Defection TL: 200 198 1452 0 Defection TL: 200 Normal II Temps results: Not Checked 198 1452 0 Bearings Elearings Elearings Elearings Elearings Elearings Analysis Results Actual Location Allowed Capacity Comb. Case No Hanger 1434 0 Analysis Results Actual Location Allowed Capacity Comb. Case Langer Hanger Hanger Analysis Results Actual Location Allowed Capacity Comb. Case Langer Hanger	#2307 Date:6/11/2024 4 Input by: Kyle Militzer Job Name:CC 2574-GR CP 3C Project #:CC 2574-GR CP 3C	Page 1
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10'10 7/8'' Reactions PATTERNED 16 (Uplift) Type: Circle Application: Flor Design Method: ASD Bitg Direction Live Dead Snow Defection L: 360 Design Method: ASD Bitg Direction Live Dead Snow Enderston L: 360 Design Method: ASD Building Code: IRC 2018 Laad Sharing: No Defection L: 360 Design Method: No Design Method: No Design Method: Direction 1 SPE 4375 Vertical 198 1452 0 Bearings Method: No Design Method: No Design Method: 1 SPE 4375 Vertical Adv/707 2231 L 2. 3.000" Vertical Location Allowed Capacity Comb, Case Manger Hanger Moment 564 Fr/b 56 1/8" 34800 0.456 (17%) DrC L Hanger L Periodical State L 1. Deficion 0.030 (L/22.4) 56 1/8" 0.347 (L/240) 0.056 (%) C L L L L Deficion 0.030 (L/22.4) 56 1/8" 0.457 (L/240) 0.157 (L/240) 0.151 (L/24) 0.151 (L/24	2 • • • • • •	
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Deflection LL: 300 Load Sharing: No Deflection TL: 240 Deck: Not Checked Dende: Normal - II Temporatore: Normal - II Temporature: Temp <= 100°F		
Importance: Normal - II Temperature: Temp < 100°F General Load Floor Live: 40 PSF Dead: 10 PSF Talysis Results Analysis Actual Location Allowed Capacity Comb. Case Moment 584 fr.b. 16 56 1/8 33490 ft.b. 0.170 (17%) D+C L Hanger Hanger Hanger Hanger Hanger Bearings Bearing Bearing Bearing Bearings Bearing Bearin		0 0
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nalysis Results 2 3.000° Vert 29% 1452/809 2261 L Analysis Actual Location Allowed Capacity Comb. Case Case Hanger Moment 5684 ft/s 33490 ft/s 0.170 (17%) D+C L Shear 1684 16 163.87 11638 0.145 (14%) D+C L LLD eff inch 0.030 (L/4224) 56 1/8" 0.347 (L/260) 0.065 (9%) C L TD effinch 0.083 (L/1511) 56 1/8" 0.347 (L/260) 0.065 (9%) C L Previde support to prevent lateral movement and rotation at the end bearings. Lateral support L Participacity and the end bearings. L 2 Dead Load Deflection: ristanter = 0.053°. (Cong Term = 0.060°. 3 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. 4 Ref to last page of aciduations for fasteners required for specified loads. 5 Fili all hanger nailing holes. 5 Fili all hanger nailing holes. 5 Ender Johan sust be supported equally by all plies. 9 Do Load Type Location Trib Width Side Dead		
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Analysis Actual Location Allowed Capacity Comb. Case Moment 5684 ft-b 56 1/8" 33490 ft-b 0.170 (17%) D+C L Shear 1684 lb 16 3/8" 11638 lb 0.145 (14%) D+C L LL Defl inch 0.030 (L/4224) 56 1/8" 0.347 (L/3000 0.085 (9%) C L TL Defl inch 0.083 (L/1511) 56 1/8" 0.327 (L/240) 0.159 (16%) D+C L resign Notes 1 Provide support to prevent lateral movement and rotation at the end bearings. Lateral support may also be required at the inherior bearings by the building ocde. 2 Dead Load Deflection: Instant = 0.053", Long Term = 0.080". 3 3 Fasten all piles using 3 rows of 16d Sinker Nails (146x3.25") at 12" o.c. Maximum end distance not to exceed 6". Clinch Nails where possible. 6 Fill all hanger naling holes. 6 6 Right Header: DF, Thickness: 7" 7 Girders are designed to be supported on the bottom edge only. 8 So to has must be supported equalty by all piles. 9 0 Past. 0 Past. 0 Not to 10.10-14 Op 10 10 PSF 0 PSF 0 PSF 0 PSF 0 PSF		52 / 809 2261 L D+C
Shear 1684 lb 16 3/8" 11638 lb 0.145 (14%) D+C L LL Defl inch 0.030 (L/4224) 56 1/8" 0.347 (L/360) 0.085 (9%) C L T. Defl inch 0.083 (L/1511) 56 1/8" 0.521 (L/240) 0.159 (16%) D+C L esign Notes 1 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. 2 Dead Load Deflection: Instant = 0.053", Long Term = 0.080". 3 Fasten all piles using 3 rows of 164 Sinker Nalis (1482x3.25") at 12" o.c. Maximum end distance not to exceed 6". Clinch Nalis where possible. 4 Refer to last page of calculations for fasteners required for specified loads. 5 Fill all hanger nalling holes. 8 Right Header: DF, Thickness: 7" 7 Girders are designed to be supported equally by all piles. 9 Top must be laterally braced at end bearings. D Load Type Location Trib Width Side Dead 0.9 1 Tie-In 0-0-0 to 10-10-14 0-11-0 Top 10 PSF 40 PSF 0 PSF 0 PSF 2 Part. Uniform 0-2-6 to 10-10-14 Top 150 PLF 0 PLF 0 PLF 0 PLF 150 PLF 3 Part. Uniform 0-2-6 to 10-10-14 Top 96 PLF 0 PLF 0 PLF 0 PLF 0 PLF Wall Self Self Weight 14 PLF Naturation of the loads, for part of the loads, for the loads, for part of		
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1 Tie-In 0-0-0 to 10-10-14 0-11-0 Top 10 PSF 40 PSF 0 PSF 0 PSF 0 PSF 2 Part. Uniform 0-2-6 to 10-10-14 Top 150 PLF 0 PLF		
2 Part. Uniform 0-2-6 to 10-10-14 Top 150 PLF 0 PLF 0 PLF 0 PLF 150 PLF 3 Part. Uniform 0-2-6 to 10-10-14 Top 96 PLF 0 PLF	Dead 0.9 Live 1 Snow 1.15 Wind 1.6	onst. 1.25 Comments
3 Part. Uniform 0-2-6 to 10-10-14 Top 96 PLF 0 PLF 0 PLF 0 PLF 0 PLF 0 PLF Wall Self Self Weight 14 PLF hts component analysis is based on the loads, common the roorditions as entered by the user nalisted in this report. The user is responsible to nsure the accuracy of the input and the applicability to e actual conditions of the structure for which this	10 PSF 40 PSF 0 PSF 0 PSF	0 PSF
3 Part. Uniform 0-2-6 to 10-10-14 Top 96 PLF 0 PLF 0 PLF 0 PLF 0 PLF 0 PLF 0 PLF Wall Self Self Weight Integration of the loads, component analysis is based on the load	150 PLF 0 PLF 0 PLF 0 PLF	150 PLF
Self Weight 14 PLF Interse Manufacturer Info U.S. Lumber bits component analysis is based on the loads, sometry and other conditions as entered by the user in listed in this report. The user is responsible to nsure the accuracy of the input and the applicability to is actual conditions of the structure for which this U.S. Lumber 2160 Satellite B U.S. A 900 515-7570 30097	96 PLF 0 PLF 0 PLF 0 PLF	0 PLF Wall Self Weight
Jotes 2160 Satellite B his component analysis is based on the loads, sometry and other conditions as entered by the user Pacific Woodtech Corp U.S.A nd listed in this report. The user is responsible to nsure the accuracy of the input and the applicability to the actual conditions of the structure for which this Burlington, WA 98233 888-613-5078		5
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nd listed in this report. The user is responsible to survey of the input and the applicability to eacuracy of the input and the applicability to the actual conditions of the structure for which this (800) 515-7570		
the actual conditions of the structure for which this (800) 515-7570		30097
	(800) 515-7570	
roduct listed. IICC-ES: ESR-2909 ESR-2403 APA:	ICC-ES: ESR-2909 ESR-2)3 APA:
opyright 2023 All rights reserved by Pacific Woodlech orp 1850 Park Lane, Burlington, WA 98233 PR-L280 PR-L233 PR-L280	PR-L233 PR-L280	

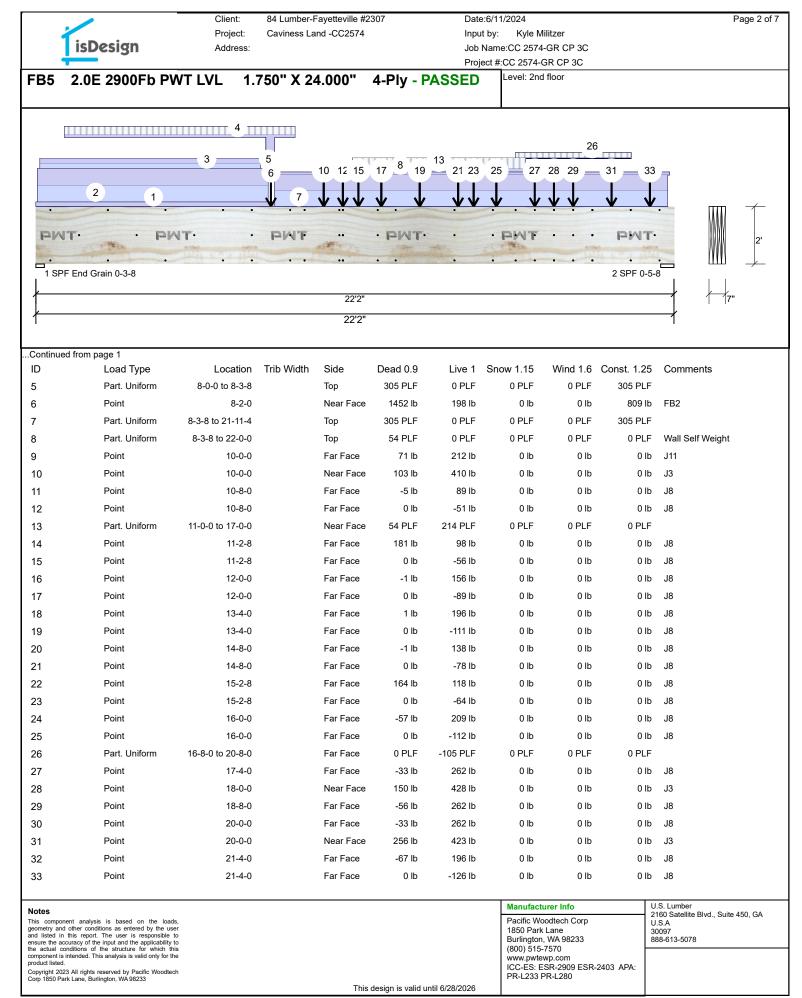
ſ		Client:	84 Lumber-Fayetteville #2	2307	Date:6/	11/2024	Page 2 of 2
		Project:	Caviness Land -CC2574		Input by	: Kyle Militzer	
	isDesign	Address:			Job Nar	me:CC 2574-GR CP 3C	
	÷				Project	#:CC 2574-GR CP 3C	
FB2	2.0E 2900Fb PWT	LVL 1.7	750" X 14.000"	2-Ply - PA	SSED	Level: 2nd floor	
	• • • • • • • • • • • • • • • • • • •	· · · · · · · · · · · · · · · · · · ·	· · ·	• •	• • 2 Har	nger (HHUS410) 0-3-0	
/			10'10 7/8"				3 1/2"
			10'10 7/8"				
'			10 10 110			·	
Multi-I	Ply Analysis						
Fasten		6d Sinker Na	ils (.148x3.25") at 12	" o.c Maximı	ım end dist	ance not to exceed 6". Clinch Nai	ls
Capacity	0.0 %	6					
L	0.0 5						

Capacity	0.0 %
Load	0.0 PLF
Yield Limit per Foot	352.8 PLF
Yield Limit per Fastener	117.6 lb.
См	1
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	Pacific Woodtech Corp 1850 Park Lane Burlington, WA 98233	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 2023 All rights reserved by Pacific Woodtech Corp 1850 Park Lane, Burlington, WA 98233	(800) 515-7570 www.pwtewp.com ICC-ES: ESR-2909 ESR-2403 APA: PR-L233 PR-L280	
This design is valid until 6/28/2026		

-	•		lient: roject:	84 Lumber-Fa Caviness Lan		2307			e:6/11/2 ut by:	024 Kyle Milit	zer				Page 1 of
lis	Design		ddress:	Carnicco Lan	002011			Job	Name:	CC 2574-G	R CP 3				
FB3 2	.0E 2900Fk		IVI	1 750	" X 14	000" -	PΔS			C 2574-GF evel: 2nd fl					
				1.700											
	1		2		4										
	*		V		¥									Π	1
PN	T		F	TN	1. Mar 19									X	1'2"
1 Hanger	0-3-0			2 SPF 0-5-	-8										_ <u>/</u>
ł		6'1 1/2"												<i>∤</i> ∤1 :	3/4"
1		6'1 1/2"													
Member Inf	ormation						React	tions	DATT	ERNED	lb (11	nlift)			
Туре:	Girder		Applica	tion: F	loor		—	Direc		Live		Dead	Snow	Wind	Cor
Plies:	1 itian: Dru		-		SD RC 2018			Vertic		555		160	0	0	
Moisture Cond Deflection LL:	360		Building Load S	5			2	Vertic	al	709 (-21)		380	0	0	
Deflection TL:	240		Deck:	-	ot Checked										
Importance:	Normal - II														
Temperature:	Temp <= 100°F	-					Beari	nac							
General Load Floor Live:	40 PSF							-	ength	Dir.	Can	React D/L lb	Total	Ld. Case	Ld. Com
Dead:	10 PSF							-	8.000"	Vert	18%	160 / 555	714		D+L
							Hang	ger							
Analysis Res Analysis		ocation A	llowed	Capacity	Comb.	Case	2-S	PF 5	.500"	Vert	27%	380 / 709	1090	L	D+L
Moment	1235 ft-lb		3396 ft-lb	0.092 (9%)		L									
Shear	713 lb	1'5" 40	655 lb	0.153 (15%) D+L	L									
LL Defl inch	0.011 (L/5949)	3' 3/16" 0.	.185 (L/36	0) 0.061 (6%)	L	L									
TL Defl inch	0.014 (L/4652)	3' 3/16" 0.	.277 (L/24	0) 0.052 (5%)	D+L	L									
Design Not							[
may also be	port to prevent latera required at the interi	ior bearings l	by the buil	ding code.	earings. Late	eral support									
	Deflection: Instant = (er nailing holes.	0.003", Long) Term = 0.	005".											
4 Left Header	: SPF, Thickness: 3 1														
	designed to be suppo e laterally braced at e			ge only.											
7 Bottom mus	t be laterally braced a Load Type		-	Trib Width	Side	Dead 0.9	<u> </u>	ive 1	Snow	1 15	Wind 1	.6 Const. 1	25 Co	mments	
1	Point		1-10-0		Far Face	132 lb		527 lb	GHOW	0 lb			25 C0) lb J2		
2	Point		3-10-0		Far Face	135 lb		538 lb		0 lb) lb J2		
3	Point		5-10-0		Far Face	230 lb		99 lb		0 lb) lb J2		
4	Point		5-10-0		Far Face	200 lb		-21 lb		0 lb) lb J2		
	Self Weight					7 PLF									
Notes									N	/anufacture	er Info		U.S. Lur 2160 Sa	nber atellite Blvd., Su	ite 450 GA
This component ana geometry and other or	lysis is based on the load onditions as entered by the us	ser								Pacific Wood 850 Park La		p	U.S.A 30097		00, OA
and listed in this rep ensure the accuracy of	ort. The user is responsible f the input and the applicability of the structure for which the	to to							E	Burlington, V 800) 515-75	/A 98233	1	888-613	-5078	
component is intended product listed.	This analysis is valid only for t	he							v	www.pwtewp	.com	00 0400 101			
	its reserved by Pacific Woodte Burlington, WA 98233	ch								CC-ES: ESF PR-L233 PR		SR-2403 APA:	1		
					This	design is valid	until 6/28	/2026					<u> </u>		

	•		ient:		ayetteville #2	2307		e:6/11/2024					Page 1 of 7		
Tis	Design		oject: dress:	Caviness La	ind -CC2574			it by: Kyle Mili Name:CC 2574-0							
			uiess.					ect #:CC 2574-G							
FB5 2.0)E 2900Fb	PWT LVL	1.7	750" X 24	4.000"	4-Ply -	PASSED	Level: 2nd f	loor						
						,									
			4					•							
									:	26					
		3		5	10 12 15	17 8 1	9 🛁 21 23	25 _ 27	28 29 -	31	33 💻				
	2														
	2 1	•		7	$\sqrt{1}$	<u>v</u> v		<u>v</u> <u>v</u>	$\psi \psi$	<u> </u>	↓	mn	-1		
												MM			
PNT	Coltan.	TWC		PWT	al the grant	PMT	-	PMT	•	- PM	T	WWW	2'		
		· · ··································	-			• •				• •	<u>.</u>	ШШ			
1 SPF End	Grain 0-3-8									2 SPF	0-5-8				
1					22'2"								7"		
1					22'2"										
Member Inf			_					PATTERNED) lb (Up						
Type:	Girder 4		Applica		Floor		Brg Direc				Snow	Wind	Con		
Plies: Moisture Cond			-		ASD IRC 2018		1 Vertic 2 Vertic	,		7026 5942	0 0	0 0	458 379		
Deflection LL:	360			-	Yes		Z Venic	ai 3000 (-031))	J942	0	0	573		
Deflection TL:			Deck:	-	Not Checked										
Importance:	Normal - II														
Temperature:	Temp <= 10	0°F													
General Load	-						Bearings								
Floor Live:	40 PSF						Bearing L	ength Dir.	Cap. R	eact D/L lb	Total	Ld. Case	Ld. Com		
Dead:	10 PSF						1 - SPF 3	.500" Vert	67%	7026 / 5331	12356	Uniform	D+0.75(L·		
							End Grain								
Analysis Res Analysis	Actual	Location Al	lowed	Capacity	Comb.	Case	2-SPF 5	.500" Vert	71%	5942 / 5611	11553	Uniform	D+0.75(L-		
Moment	54866 ft-lb	10'5 5/8" 14				L									
Shear	9059 lb	19'8 1/2" 31		0.284 (28)		L									
	0.180 (L/1435)	10'11 3/4" 0.													
			-												
	0.394 (L/657)	10101/16 1.	078 (L/24	0) 0.365 (37	%) D+0.75(L+	-C) Uniform	1								
Design Not		aral mayamant	and rotati	an at the and	haaringa Late	ral auna art	1								
	port to prevent lat e required at the ir				bearings. Late	eral support									
	Deflection: Instant														
3 Fasten all p 12".	lies using 3 rows of	of SDW22634 at	24" o.c. l	Maximum end	distance not	to exceed									
4 Refer to las	t page of calculations of calculations of the second strain of the second strains of the		•			aer is									
present.															
	steners applied fro designed to be su	-			alues where	published.									
	nust be supported			ge only.											
•	e laterally braced a			6. c.											
10 Bottom mus	t be laterally brac		-	Trib Width	Side	Dead 0.9	Live 1	Snow 1.15	Mind 1	6 Const. 1.	25 0-	mments			
1	Load Type Part. Uniform		o 8-3-8		Тор	86 PLF	0 PLF	0 PLF				mments Il Self Weight			
2	Part. Uniform	0-0-12 to			Тор	320 PLF	0 PLF	0 PLF	0 PLI			con weight			
3	Part. Uniform	0-0-12 to 0-1-12 t			Тор	100 PLF	0 PLF	0 PLF	0 PLI						
4	Part. Uniform		o 9-0-0		Far Face	53 PLF	158 PLF	0 PLF	0 PLI						
ontinued on pa	ge 2														
Notes								Manufactur	er Info		U.S. Lu		150 CA		
This component and	alysis is based on the onditions as entered by th	loads, ne user						Pacific Woo			U.S.A	tellite Blvd., Sui	18 430, GA		
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Fasten all plies using 3 rows of SDW22634 at 24" o.c.. except for regions covered by concentrated load fastening. Maximum end distance not to exceed 12".

cha distance not to exceed	12.
Capacity	44.7 %
Load	201.0 PLF
Yield Limit per Foot	450.0 PLF
Yield Limit per Fastener	300.0 lb.
См	1
Yield Mode	Lookup
Edge Distance	1 1/2"
Min. End Distance	6"
Load Combination	D+L
Duration Factor	1.00

Concentrated Load

Fasten at concentrated side load at 8-2-0 with a

minimum of (6) – SDW22634 in the pattern shown.

All fasteners shall be installed with the head on the

side of the applied load.	
Capacity	56.5 %
Load	1695.8lb.
Total Yield Limit	3000.0 lb.
Cg	1.0000
См	1
Yield Limit per Fastener	500.0 lb.
Yield Mode	Lookup
Load Combination	D+C
Duration Factor	1.25

Concentrated Load

Notes

Fasten at concentrated side load at 10-0-0 with a minimum of (6) – SDW22634 in the pattern shown.

Capacity	21.4 %
Load	384.8lb.
Total Yield Limit	1800.0 lb.
Cg	1.0000
Cm	1
Yield Limit per Fastene	r 300.0 lb.
Yield Mode	Lookup
Load Combination	D+L
Duration Factor	1.00

Min/Max fastener distances for Concentrated Side Loads -Min. 6"--Min. 5/8" 1 1 1/2" 0 0 ⊕ ⊕ Ŧ Min. 5/8" ÷ 0 Min. 4 0 Min. 6" 0 ٢ Ø Ð -Min. 4"-Max. 12". Max. 12"-U.S. Lumber 2160 Satellite Blvd., Suite 450, GA Manufacturer Info Pacific Woodtech Corp U.S.A 1850 Park Lane Burlington, WA 98233 30097 888-613-5078 (800) 515-7570 www.pwtewp.com ICC-ES: ESR-2909 ESR-2403 APA: PR-L233 PR-L280 This design is valid until 6/28/2026

Version 23.40.705 Powered by iStruct™ Dataset: 23072501.15733

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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				Client	t: 84 I	umbe	er-Fayette	ville #2	2307		Date	e:6/11/	2024							Page 5 of
				Proje	ct: Cav	iness	Land -CC	2574			Inpu	t by:	Kyle	Vilitze	r					
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Concentrated Load

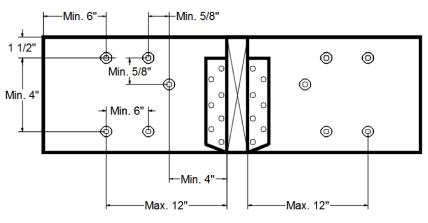
Fasten at concentrated side load at 11-2-8 with a minimum of (6) – SDW22634 in the pattern shown. All fasteners shall be installed with the head on the side of the applied load.

side of the applied load.	
Capacity	8.7 %
Load	209.3lb.
Total Yield Limit	2400.0 lb.
Cg	1.0000
См	1
Yield Limit per Fastener	400.0 lb.
Yield Mode	Lookup
Load Combination	D+L
Duration Factor	1.00

Concentrated Load

Fasten at concentrated side load at 15-2-8 with a minimum of (6) – SDW22634 in the pattern shown. All fasteners shall be installed with the head on the side of the applied load.

Capacity	8.8 %	
Load	211.5lb.	
Total Yield Limit	2400.0 lb.	
Cg	1.0000	
См	1	
Yield Limit per Fastener	400.0 lb.	
Yield Mode	Lookup	
Load Combination	D+L	
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 the actual conditions of the structure for which this component is intended. This analysis is valid only for the product listed. All rights reserved by Pacific Woodtech Copyright 2023 All rights reserved by Pacific Woodtech		Pacific Woodtech Corp 1850 Park Lane Burlington, WA 98233 (800) 515-7570 www.pwtewp.com ICC-ES: ESR-2009 ESR-2403 APA: PR-L233 PR-L280	U.S.A 30097 888-613-5078
	This design is valid until 6/28/2026		

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Concentrated Load

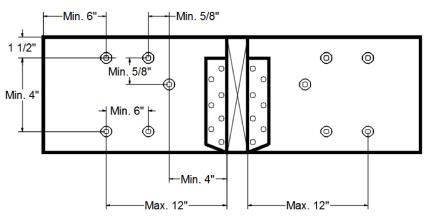
Fasten at concentrated side load at 17-4-0 with a minimum of (6) – SDW22634 in the pattern shown. All fasteners shall be installed with the head on the side of the applied load.

side of the upplied load.	
Capacity	7.2 %
Load	171.8lb.
Total Yield Limit	2400.0 lb.
Cg	1.0000
См	1
Yield Limit per Fastener	400.0 lb.
Yield Mode	Lookup
Load Combination	D+L
Duration Factor	1.00

Concentrated Load

Fasten at concentrated side load at 18-0-0 with a minimum of (6) – SDW22634 in the pattern shown. All fasteners shall be installed with the head on the side of the applied load.

Capacity	18.1 %	
Load	433.5lb.	
Total Yield Limit	2400.0 lb.	
Cg	1.0000	
Cg См	1	
Yield Limit per Fastener	400.0 lb.	
Yield Mode	Lookup	
Load Combination	D+L	
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 the actual conditions of the structure for which this component is intended. This analysis is valid only for the product listed. All rights reserved by Pacific Woodtech Copyright 2023 All rights reserved by Pacific Woodtech Copy 1850 Park Lane, Burlington, WA 98233		Pacific Woodtech Corp 1850 Park Lane Burlington, WA 98233 (800) 515-7570 www.pwtewp.com ICC-ES: ESR-2009 ESR-2403 APA: PR-L233 PR-L280	2100 Satellite Bivd., Suite 450, GA U.S.A 30097 888-613-5078
	This design is valid until 6/28/2026		

		Clie	ent: 84 Lu	umber-Fayette	eville #2307		Date:	6/11/202	4					Р	age 7 of 7
	_ •	Pro	ject: Cavir	ness Land -C	C2574		Input	by: K	yle Militz	er					
ĬS	sDesign	Ado	lress:				Job N	ame:CC	2574-GF	CP 3C	;				
							Projec	ct #:CC 2	574-GR	CP 3C					
FB5 2.0	0E 2900Fb	PWT LVL	1.750"	X 24.00	0" 4-P	ly - PA	SSED	Leve	I: 2nd flo	or					
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1 SPF End	d Grain 0-3-8										2 5	SPF 0-5-8			
∤───					22'2"								\rightarrow	7"	
/					22'2"								\rightarrow		
													1		

Concentrated Load

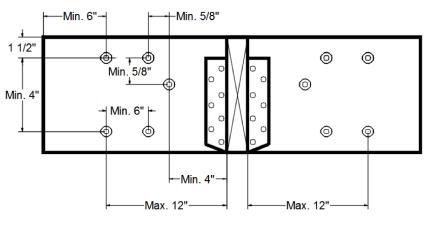
Fasten at concentrated side load at 18-8-0 with a minimum of (6) – SDW22634 in the pattern shown. All fasteners shall be installed with the head on the side of the applied load.

Capacity	6.4 %
Load	154.5lb.
Total Yield Limit	2400.0 lb.
Cg	1.0000
Cg Cm	1
Yield Limit per Fastener	400.0 lb.
Yield Mode	Lookup
Load Combination	D+L
Duration Factor	1.00

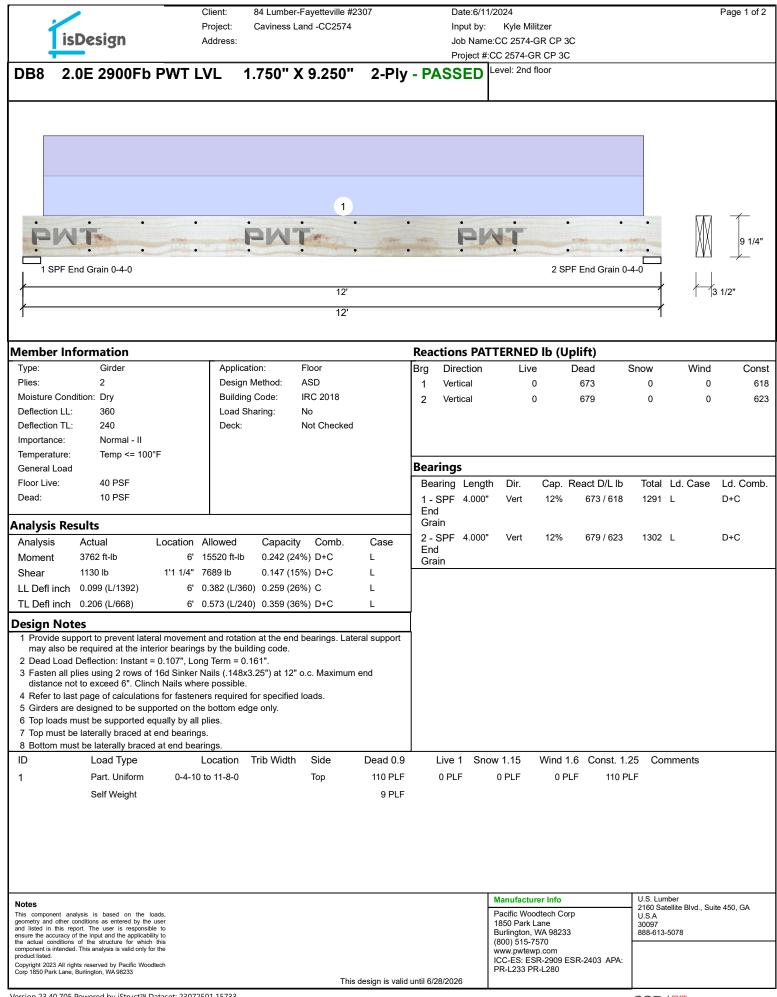
Concentrated Load

Fasten at concentrated side load at 20-0-0 with a minimum of (6) – SDW22634 in the pattern shown.

Capacity	28.3 %
Load	509.3lb.
Total Yield Limit	1800.0 lb.
Сg См	1.0000
См	1
Yield Limit per Fastener	300.0 lb.
Yield Mode	Lookup
Load Combination	D+L
Duration Factor	1.00



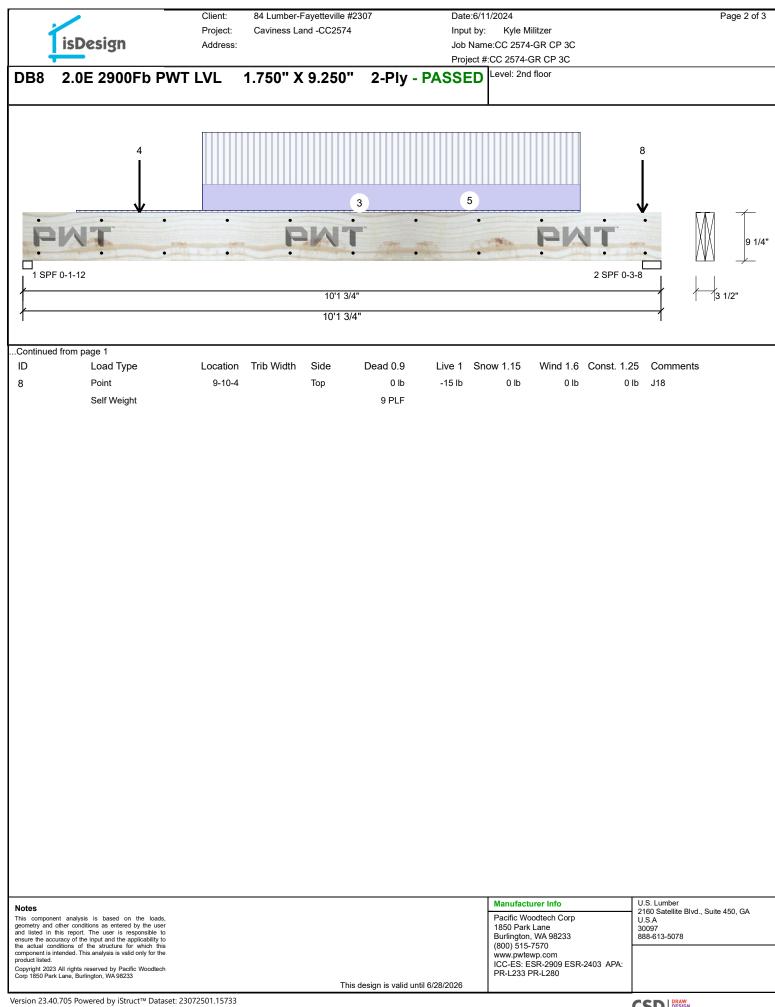
Notes	Manufacturer Info	U.S. Lumber 2160 Satellite Blvd., Suite 450, GA
This component analysis is based on the loads, geometry and other conditions as entered by the user and listed in this report. The user is responsible to ensure the accuracy of the input and the applicability to the actual conditions of the structure for which this	Pacific Woodtech Corp 1850 Park Lane Burlington, WA 98233 (800) 515-7570	U.S.A 30097 888-613-5078
component is intended. This analysis is valid only for the product listed.	www.pwtewp.com ICC-ES: ESR-2909 ESR-2403 APA:	
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This design is valid until 6/28/2026		



Project: Caviness Land -CC2574 Address: Project 30: Name: C2 274-GR CP 3C Project 8CC 2574-GR CP 3C Project 8CC 257-GR CP 3C Project	Project Caviness Land -GC2574 Input by: Kyte Milizer Job Name:CC 2574-GR CP 3C Job Name:CC 2574-GR CP 3C DB8 2.0E 2900Fb PWT LVL 1.750" X 9.250" 2-Pily - PASSED Level: 2nd floor Image: State of the state of			Client:	84 Lumbe	er-Fayetteville #23	307	Date:6/1	1/2024	Page 2 of 2
Job Namec C2 2374-GR CP 3C Project #:CC 2574-GR CP 3C Project #:CC 2574-GR CP 3C Project #:CC 2574-GR CP 3C DB8 2.0E 2900Fb PWT LVL 1.750" X 9.250" 2-Pily - PASSED evel: 2nd floor i	Job Name:CC 2874-GR CP 3C Project #:CC 2574-GR CP 3C Project #:CC 2574-GR CP 3C DB8 2.0E 2900Fb PWT LVL 1.750" X 9.250" 2-Pily - PASSED evel: 2nd floor i </th <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th>5</th>									5
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Min. End Distance 3" Load Combination	Min. End Distance 3" Load Combination									
		-								
Duration Factor 1.00	Duration Factor 1.00									
		Duration Fa	actor	1.00						
		1								

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	Pacific Woodtech Corp 1850 Park Lane Burlington, WA 98233	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.	(800) 515-7570 www.pwtewp.com ICC-ES: ESR-2909 ESR-2403 APA:	
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	•				-Fayetteville #2	2307		Date:6/						Page 1 o
	Design		Project: Address:	Caviness L	and -CC2574			Input by	: Kyle Milit ne:CC 2574-G					
			Audress.						#:CC 2574-GF					
DB8 2.0	0E 2900Ft) PWT I	VL 1	.750"	X 9.250"	2-Ply	- PA		_					
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1 SPF 0-1-	12										2 SPF 0-3	3-8	I. I.	
1.					10'1 3/4	4"								8 1/2"
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lember Inf Type:	Girder		Applicat	tion:	Floor		-	Direction	TTERNED Live			Snow	Wind	Co
Plies:	2		Design I		ASD		Ĭ	Vertical	1205 (-50)		655	0	0	
Moisture Condi	lition: Dry		Building	Code:	IRC 2018		2	Vertical	1524 (-61)		818	0	0	
Deflection LL:	360		Load Sh	naring:	No									
Deflection TL:	240		Deck:		Not Checked	ļ.								
mportance:	Normal - II													
Temperature:	Temp <= 10	0°F					<u> </u>							
General Load							Beari	-						
Floor Live:	40 PSF							ing Leng		Cap. Re	act D/L lb	Total Lo	d. Case	Ld. Co
Dead:	10 PSF						1 - S	PF 1.750)" Vert	71%	655 / 1205	1859 L		D+L
nalveie Der							2 - SI	PF 3.500)" Vert	45%	818 / 1524	2343 L		D+L
nalysis Res		1 4	A II	0		0	1							
Analysis	Actual	Location		Capacity	-	Case								
Moment	5264 ft-lb	4'11 13/16"		0.424 (42	-	L								
Shear	1858 lb		6151 lb	0.302 (30		L .								
	0.141 (L/839)		0.328 (L/360			L								
TL Defl inch	0.216 (L/545)	4'11 7/8"	0.492 (L/240) 0.440 (44	4%) D+L	L	1							
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esign Note	62													
	port to prevent late	eral moveme	nt and rotatio	n at the end	1 bearings. Late	eral support	1							
1 Provide sup may also be	port to prevent late required at the in	nterior bearing	gs by the build	ding code.	l bearings. Late	eral support								
1 Provide sup may also be 2 Dead Load I	port to prevent late required at the in Deflection: Instant	nterior bearing t = 0.076", Lo	gs by the build ong Term = 0.1	ding code. 114".	0									
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 Provide supp may also be Dead Load I Fasten all pl distance not Fasten all pl distance not Girders are a Top loads m Top must be Bottom musi D 3 	port to prevent late e required at the in Deflection: Instant lies using 2 rows of t to exceed 6". Clir t page of calculation designed to be su hust be supported e laterally braced as t be laterally braced Load Type Part. Uniform Point Bearing Lengt Part. Uniform	terior bearing t = 0.076", Lo of 16d Sinker nch Nails whe ons for fasten upported on th equally by all at end bearing ed at end bear 0-10-4	gs by the build ong Term = 0.1 Nails (.148x3 ere possible. here required f he bottom edg I plies. gs. Location 4 to 8-10-4 1-10-4 0-3-8 4 to 8-10-4	ding code. 114". 3.25") at 12" for specifiec ge only.	' o.c. Maximum d loads. Side Top Top Top	Dead 0.9 0 PLF 293 lb 148 PLF	-12 5 293	PLF 80 lb PLF	0 PLF 0 lb 0 PLF	0 PLF 0 lb 0 PLF	0 PL 0 0 PL	.F Ib J18 J1 [,] .F	1	
Provide supp may also be Dead Load I Fasten all pl distance not distance not distance not Girders are 4 Top loads m Top must be <u>8</u> Bottom must D 3 4	port to prevent late e required at the in Deflection: Instant lies using 2 rows of t to exceed 6". Clir t page of calculation designed to be su ust be supported - e laterally braced a st be laterally braced a to be laterally braced Load Type Part. Uniform Point Bearing Lengt Part. Uniform	tterior bearing t = 0.076", Lo of 16d Sinker nch Nails whe ons for fasten upported on th equally by all at end bearing ed at end bearing 0-10-4 th 2-10-4	gs by the build ong Term = 0.1 Nails (.148x3 ere possible. heres required to here bottom edg l plies. ggs. arrings. Location 4 to 8-10-4 0-3-8 4 to 8-10-4 9-10-4	ding code. 114". 3.25") at 12" for specifiec ge only.	d loads. Side Top Top	Dead 0.9 0 PLF 293 lb	-12 5 293	PLF 80 lb	0 PLF 0 lb	0 PLF 0 Ib	0 PL 0 0 PL	-F Ib J18 J1 ²	1	
Provide supp may also be Dead Load I Gasten all pl distance not A Refer to last 5 Girders are of Top must be Bottom must D S	port to prevent late e required at the in Deflection: Instant lies using 2 rows of t to exceed 6". Clir t page of calculation designed to be su ust be supported e laterally braced a st be laterally braced a to be laterally braced Load Type Part. Uniform Point Bearing Lengt Bearing Lengt	tterior bearing t = 0.076", Lo of 16d Sinker nch Nails whe ons for fasten upported on th equally by all at end bearing ed at end bearing 0-10-4 th 2-10-4	gs by the build ong Term = 0.1 Nails (.148x3 ere possible. here required f he bottom edg l plies. gs. Location 4 to 8-10-4 1-10-4 0-3-8 4 to 8-10-4	ding code. 114". 3.25") at 12" for specifiec ge only.	' o.c. Maximum d loads. Side Top Top Top	Dead 0.9 0 PLF 293 lb 148 PLF	-12 5 293	PLF 80 lb PLF	0 PLF 0 lb 0 PLF	0 PLF 0 lb 0 PLF	0 PL 0 0 PL	.F Ib J18 J1 [,] .F	1	
Provide supp may also be Dead Load I Fasten all pl distance not A Refer to last 5 Girders are of Top loads m Top must be <u>8 Bottom muss</u> ID 3 4 5 7 mutinued on page	port to prevent late e required at the in Deflection: Instant lies using 2 rows of t to exceed 6". Clir t page of calculation designed to be su ust be supported e laterally braced a st be laterally braced a to be laterally braced Load Type Part. Uniform Point Bearing Lengt Bearing Lengt	tterior bearing t = 0.076", Lo of 16d Sinker nch Nails whe ons for fasten upported on th equally by all at end bearing ed at end bearing 0-10-4 th 2-10-4	gs by the build ong Term = 0.1 Nails (.148x3 ere possible. heres required to here bottom edg l plies. ggs. arrings. Location 4 to 8-10-4 0-3-8 4 to 8-10-4 9-10-4	ding code. 114". 3.25") at 12" for specifiec ge only.	' o.c. Maximum d loads. Side Top Top Top	Dead 0.9 0 PLF 293 lb 148 PLF	-12 5 293	PLF 80 lb PLF	0 PLF 0 lb 0 PLF	0 PLF 0 lb 0 PLF 0 lb	0 PL 0 0 PL	.F Ib J18 J1 ⁻ .F Ib J18 J1 ⁻ U.S. Lumber	1	
Provide supp may also be Dead Load I Sasten all pl distance not distance not distance not adistance not distance not solver and distance not adistance not for ploads m Top nust be Bottom must be Bottom must be Bottom must be Component anal	port to prevent late e required at the in Deflection: Instant lies using 2 rows of t to exceed 6". Clir t page of calculation designed to be su nust be supported is e laterally braced a st be laterally braced Load Type Part. Uniform Point Bearing Lengt Part. Uniform Point Bearing Lengt ge 2	terior bearing t = 0.076", Lo of 16d Sinker nch Nails whe ons for fasten upported on th equally by all at end bearing ed at end bearing ed at end bearing dat end bearing ed at end bearing ed a	gs by the build ong Term = 0.1 Nails (.148x3 ere possible. heres required to here bottom edg l plies. ggs. arrings. Location 4 to 8-10-4 0-3-8 4 to 8-10-4 9-10-4	ding code. 114". 3.25") at 12" for specifiec ge only.	' o.c. Maximum d loads. Side Top Top Top	Dead 0.9 0 PLF 293 lb 148 PLF	-12 5 293	PLF 80 lb PLF	0 PLF 0 lb 0 PLF 0 lb	0 PLF 0 Ib 0 PLF 0 Ib	0 PL 0 0 PL	.F Ib J18 J1 ² .F Ib J18 J1 ² U.S. Lumber 2160 Satellit	1	e 450, GA
Provide supp may also be Dead Load I Fasten all pl distance nol distance nol distance nol distance nol disted in this report of Top nust be Bottom must be Bottom must D Component analised in this report	port to prevent late e required at the in Deflection: Instant lies using 2 rows of t to exceed 6". Clir t page of calculation designed to be su unust be supported is a laterally braced a st be laterally braced Load Type Part. Uniform Point Bearing Lengt Part. Uniform Point Bearing Lengt ge 2	Interior bearing t = 0.076", Lo of 16d Sinker nch Nails whe ons for fasten upported on th equally by all at end bearing ed at end bearing o-10-4 th 2-10-4 th loads, ne user sible to	gs by the build ong Term = 0.1 Nails (.148x3 ere possible. heres required to here bottom edg l plies. ggs. arrings. Location 4 to 8-10-4 0-3-8 4 to 8-10-4 9-10-4	ding code. 114". 3.25") at 12" for specifiec ge only.	' o.c. Maximum d loads. Side Top Top Top	Dead 0.9 0 PLF 293 lb 148 PLF	-12 5 293	PLF 80 lb PLF	0 PLF 0 Ib 0 PLF 0 Ib Manufacture Pacific Wood 1850 Park Li	0 PLF 0 lb 0 PLF 0 lb er Info itech Corp ane	0 PL 0 0 PL	.F Ib J18 J1 ⁻ .F Ib J18 J1 ⁻ U.S. Lumber 2160 Satellitu U.S.A 30097	1 1 r e Blvd., Suite	≥ 450, GA
Provide supp may also be Dead Load I Fasten all pl distance not distance not distance not distance not for loads m Top loads m Top must be Bottom must D distance not disted in this repr sure the accuracy of listed in this repr sure the accuracy of actual conditions	port to prevent late e required at the in Deflection: Instant lies using 2 rows of t to exceed 6". Clir t page of calculation designed to be su nust be supported e laterally braced a st be laterally braced Load Type Part. Uniform Point Bearing Lengt Part. Uniform Point Bearing Lengt ge 2	terior bearing t = 0.076", Lo of 16d Sinker nch Nails whe ons for fasten upported on th equally by all at end bearing ed at end bearing ed at end bearing ed at end bearing th 2-10-4 th loads, re user billy to billy to this	gs by the build ong Term = 0.1 Nails (.148x3 ere possible. heres required to here bottom edg l plies. ggs. arrings. Location 4 to 8-10-4 0-3-8 4 to 8-10-4 9-10-4	ding code. 114". 3.25") at 12" for specifiec ge only.	' o.c. Maximum d loads. Side Top Top Top	Dead 0.9 0 PLF 293 lb 148 PLF	-12 5 293	PLF 80 lb PLF	0 PLF 0 lb 0 PLF 0 lb Pacific Wood 1850 Park Li Burlington, V (800) 515-75	0 PLF 0 Ib 0 PLF 0 Ib 0 Ib er Info Itech Corp ane VA 98233 70	0 PL 0 0 PL	.F Ib J18 J1 ⁻ .F Ib J18 J1 ⁻ U.S. Lumber 2160 Satelliti U.S.A	1 1 r e Blvd., Suite	e 450, GA
Provide supp may also be Dead Load I Fasten all pl distance not A Refer to last 5 Girders are o 6 Top loads m 7 Top must be <u>8 Bottom musile Bottom musile D 3 4 5 7 Intinued on page is component anal sometry and other and is the accuracy of disted in this reprisere the accuracy of due this due to the correctly and other second other the accuracy of due to the correctly and other second other the accuracy of due this due to the correctly and other second other the accuracy of due this due to the correctly and other second other the accuracy of due this due to the correctly and other second other the accuracy of due the accuracy of other second other second other the accuracy of for the accuracy of the accuracy of the accuracy of other second other the accuracy of advect second the correctly and other second other the accuracy of other second other second other the accuracy of the accuracy of the accuracy of the accuracy of the accuracy other second the correctly and other second othe</u>	port to prevent late e required at the in Deflection: Instant lies using 2 rows of t to exceed 6". Clir t page of calculation designed to be su unust be supported is a laterally braced a st be laterally braced Load Type Part. Uniform Point Bearing Lengt Part. Uniform Point Bearing Lengt ge 2	terior bearing t = 0.076", Lo of 16d Sinker nch Nails whe ons for fasten upported on th equally by all at end bearing ed at end bearing euser all th loads, re user sible to bibly to ch this for the	gs by the build ong Term = 0.1 Nails (.148x3 ere possible. heres required to here bottom edg l plies. ggs. arrings. Location 4 to 8-10-4 0-3-8 4 to 8-10-4 9-10-4	ding code. 114". 3.25") at 12" for specifiec ge only.	' o.c. Maximum d loads. Side Top Top Top	Dead 0.9 0 PLF 293 lb 148 PLF	-12 5 293	PLF 80 lb PLF	0 PLF 0 Ib 0 PLF 0 Ib Manufacture Pacific Wooc 1850 Park La Burlington, V	0 PLF 0 lb 0 PLF 0 lb er Info Itech Corp ane VA 98233 70 .com	0 PL 0 0 PL 0	.F Ib J18 J1 ⁻ .F Ib J18 J1 ⁻ U.S. Lumber 2160 Satellitu U.S.A 30097	1 1 r e Blvd., Suite	e 450, GA



	Client:	84 Lumber-Fayetteville #23	07 Date:6/1	1/2024		Page 3 of 3
	Project:	Caviness Land -CC2574	Input by	: Kyle Militzer		
isDesign	Address	c	Job Nan	ne:CC 2574-GR CP 3C	;	
- · ·			Project #	#:CC 2574-GR CP 3C		
DB8 2.0E 290		1.750" X 9.250"	,			
		1.750 × 9.250	2-FIY - FA33ED			
•••	• •	• •	• •	•	• •	₽M I
						∑ Å Å 9 1/4"
• •	• •	• •	• •	٠	• • •	
1 SPF 0-1-12					2 SPF 0-3-8	Λ
/ <u>/</u>		10'1 3/4"				3 1/2"
						5 1/2
1		10'1 3/4"			1	
Multi-Ply Analysis						
	rows of 16d Sinker	Nails (.148x3.25") at 12" (o.c. Maximum end dist	ance not to evcee	d 6" Clinch Nails	
where possible.					.a o . cinteri Nalis	
Capacity	0.0 %					
Load	0.0 % 0.0 PLF					
Yield Limit per Foot Yield Limit per Fastener	235.2 PLF 117.6 lb.					
CM	1					
Cm Yield Mode	I IV					
Edge Distance	1 1/2"					
Min. End Distance	3"					
	3					
Load Combination						

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	Pacific Woodtech Corp 1850 Park Lane Burlington, WA 98233	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 2023 All rights reserved by Pacific Woodtech Corp 1850 Park Lane, Burlington, WA 98233	(800) 515-7570 www.pwtewp.com ICC-ES: ESR-2909 ESR-2403 APA: PR-L233 PR-L280	
This design is valid until 6/28/2026		

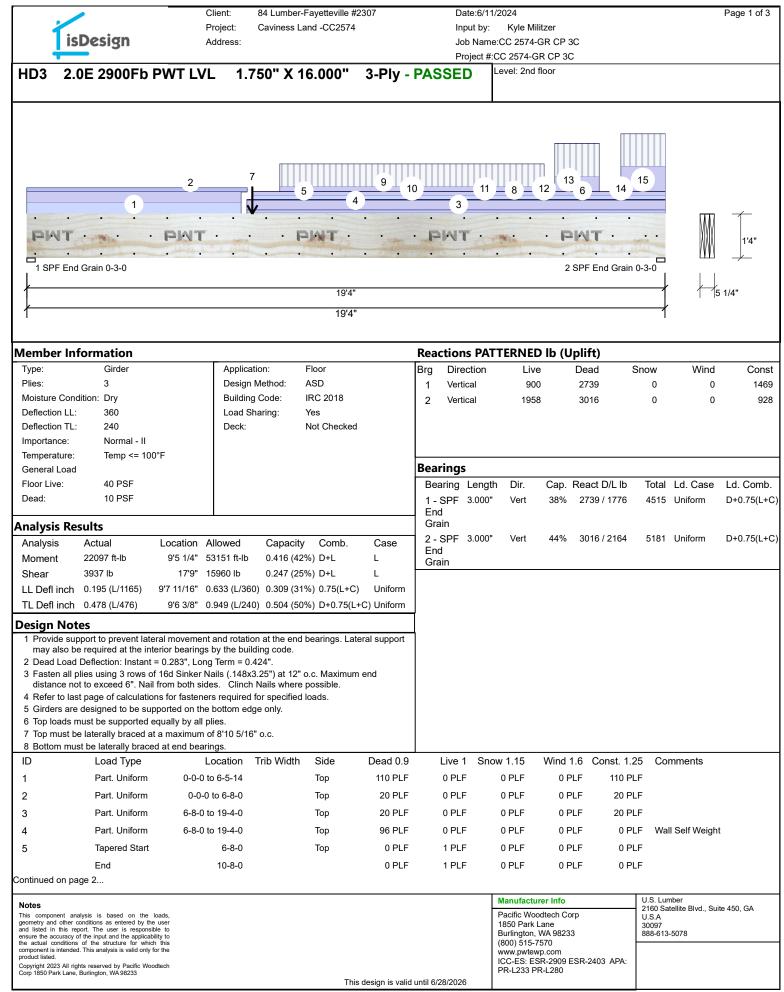
Duration Factor

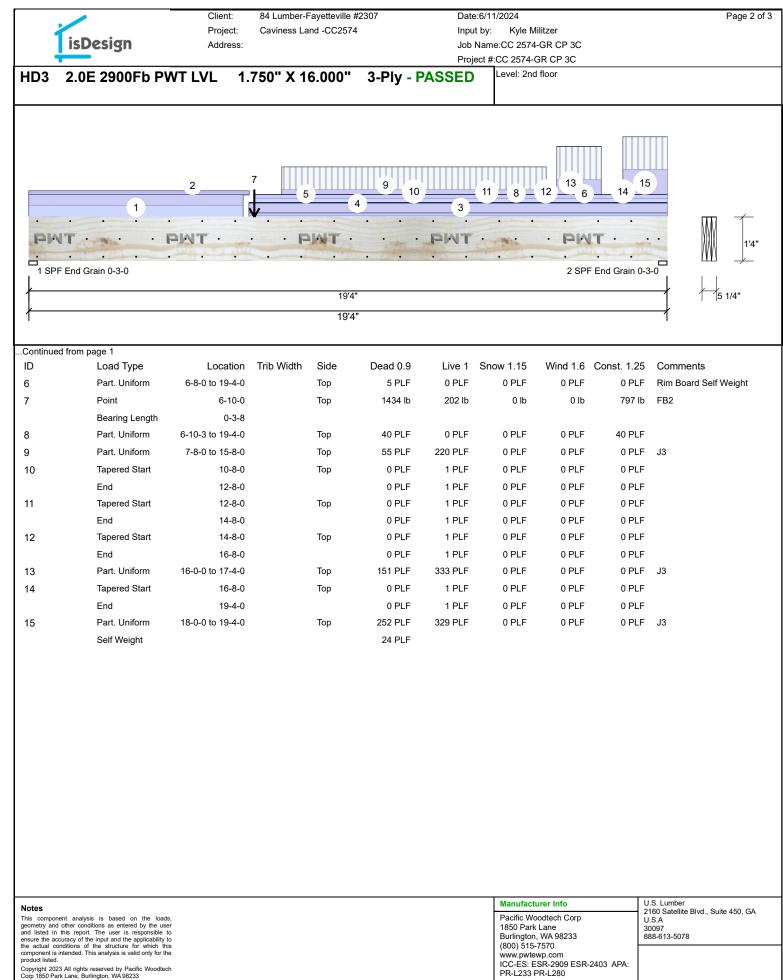
1.00

	•	Client:	84 Lumbe	r-Fayetteville #	2307	Dat	e:6/11/2024				F	Page 1 of 3
is	Design	Project Addres		_and -CC2574		-	ut by: Kyle Mil Name:CC 2574-					
						Pro	ject #:CC 2574-G	R CP 3C				
HD1 2.0	0E 2900Fb	PWT LVL	1.750" X	11.875"	2-Ply -	PASSED	Level: 2nd	floor				
		4										
	3		5			12	13	11				
	2	1	7	6	9 8		10					,
•		•	•		•		•		•		M	T
Pr	- The		P	NI			Contra F	-M-I			МЙ	11 7/8
1 SPF Er	• nd Grain 0-3-0		and the second sec			Service Street	2 5	PF End Grai	n 0-3-0			<u> </u>
				10'								1/2"
∤				10'								
Member Inf	formation Girder	A	oplication:	Floor		Reactions	tion Live			now	Wind	Cons
Plies:	2		' esign Method:	ASD		1 Vertic				0	0	(
Moisture Cond	lition: Dry	Bu	ilding Code:	IRC 2018		2 Vertic			42	0	0	
Deflection LL:	360	Lo	ad Sharing:	No		_	, , , , , , , , , , , , , , , , , , ,					
Deflection TL:	240	De	eck:	Not Checked								
Importance:	Normal - II											
Temperature:	Temp <= 10	0°F										
General Load						Bearings						
Floor Live:	40 PSF					Bearing	Length Dir.	Cap. Rea	ict D/L lb	Total Ld.	Case	Ld. Comb
Dead:	10 PSF					1 - SPF	3.000" Vert	50% 15	91 / 2339	3929 L		D+L
Analysis Re	sults					End Grain						
Analysis	Actual	Location Allowe	ed Capaci	y Comb.	Case	2 - SPF	3.000" Vert	37% 10	42 / 1876	2918 L		D+L
Moment	7929 ft-lb	4'7 13/16" 19902	•	0%) D+L	L	End						
Shear	2960 lb	1'2 7/8" 7897 lt	`	7%) D+L	L	Grain						
	0.101 (L/1147)	4'11 1/8" 0.321 (-	L							
	0.158 (L/730)	4'10 9/16" 0.481 (L							
		4 10 9/10 0.401 ((1/240) 0.329 (3	370) D+L	L	-						
Design Not						4						
		eral movement and r terior bearings by the		d bearings. Lat	eral support							
3 Fasten all p	lies using 2 rows of	t = 0.058", Long Term of 16d Sinker Nails (.	148x3.25") at 12	' o.c. Maximum	n end							
		nch Nails where poss ons for fasteners requ		shealt								
	1 0	ipported on the botto		u 10aus.								
6 Top loads n	nust be supported	equally by all plies.										
	e laterally braced a	-										
8 Bottom mus		ed at end bearings.	on Trib Width	Side	Dood 0.0	Live 4	Snow 1.15	Wind 1 6	Const. 1.2	5 Comme	onte	
	Load Type				Dead 0.9							
1	Part. Uniform	0-0-0 to 6-1		Тор	60 PLF	0 PLF	0 PLF	0 PLF	0 PL		i vveight	
2	Part. Uniform	0-0-0 to 3-9		Тор	67 PLF	268 PLF	0 PLF	0 PLF	0 PL			
3	Part. Uniform	0-5-0 to 1-9	9-0	Тор	278 PLF	301 PLF	0 PLF	0 PLF	0 PL	= J4		
4	Part. Uniform	1-6-3 to 2-10)-3	Тор	375 PLF	158 PLF	0 PLF	0 PLF	0 PL	= J4		
5	Part. Uniform	2-5-10 to 10-0)-0	Тор	85 PLF	256 PLF	0 PLF	0 PLF	0 PL	= J4		
6	Part. Uniform	4-1-0 to 5-5	5-0	Тор	30 PLF	171 PLF	0 PLF	0 PLF	0 PL	= J2		
Continued on pa	ge 2											
Notes							Manufactu			U.S. Lumber 2160 Satellite	Blvd Suite	450. GA
geometry and other o	alysis is based on the onditions as entered by th	ne user					Pacific Woo 1850 Park I		7	U.S.A	, Oune	
and listed in this rep ensure the accuracy of	oort. The user is respons of the input and the application	sible to bility to					Burlington,	WA 98233		30097 888-613-5078		
the actual conditions component is intended	of the structure for white I. This analysis is valid only	ch this					(800) 515-7 www.pwtew		Ē			
product listed. Copyright 2023 All rig	hts reserved by Pacific Wo	oodtech						R-2909 ESR-2	2403 APA:			
Corp 1850 Park Lane,	Burlington, WA 98233			This	s design is valid	until 6/28/2026	FIX-L200 PI	. 1200				
		Datacat: 22072501 157			5		I					

Ť	sDesign	Client: Project: Address:	84 Lumber-Fay Caviness Land 750'' X 11.1	-CC2574		Inpu Job Proj	e:6/11/2024 t by: Kyle M Name:CC 2574 ect #:CC 2574-0 Level: 2nd	-GR CP 3C GR CP 3C		Page 2
	4		5 7 6		9	12		11		
PI	NT	·	PV	NT		•	F	M		
1 SPF ,	End Grain 0-3-0			10' 10'			2	SPF End Gra	in 0-3-0	3 1/2"
ontinued fr D 0 1 2 3	om page 1 Load Type Part. Uniform Part. Uniform Part. Uniform Part. Uniform Tapered Start End Tapered Start End Self Weight	Location 4-1-0 to 5-5-0 5-6-4 to 6-10-4 6-3-8 to 10-0-0 6-3-8 to 10-0-0 6-3-8 10-0-0 6-3-8 8-8-12	ו ו ו ו ו	Side Top Top Top Top	Dead 0.9 0 PLF 48 PLF 0 PLF 60 PLF 0 PLF 0 PLF 17 PLF 17 PLF 12 PLF	Live 1 -7 PLF 203 PLF 0 PLF 0 PLF 1 PLF 69 PLF 69 PLF	Snow 1.15 0 PLF 0 PLF 0 PLF 0 PLF 0 PLF 0 PLF 0 PLF 0 PLF	Wind 1.6 0 PLF 0 PLF 0 PLF 0 PLF 0 PLF 0 PLF 0 PLF 0 PLF	Const. 1.25 0 PLF 0 PLF 0 PLF 0 PLF 0 PLF 0 PLF 0 PLF 0 PLF	J2 J10 J10 Wall Self Weight Rim Board Self Weight
listed in this ure the accurace actual condition	analysis is based on the loads or conditions as entered by the use report. The user is responsible to yof the input and the applicability to ons of the structure for which thi ded. This analysis is valid only for the rights reserved by Pacific Woodtect	r D D S e					1850 Park Burlington (800) 515- www.pwte	odtech Corp Lane WA 98233 7570		J.S. Lumber 160 Satellite Blvd., Suite 450, G/ J.S.A 0097 188-613-5078

	Client:	84 Lumber-Fayetteville #	2307	Date:6/11	/2024	Page 3 of 3
-	Project:	Caviness Land -CC2574		Input by:	Kyle Militzer	
isDesign	Address:				e:CC 2574-GR CP 3C	
150 651311	Address.				CC 2574-GR CP 3C	
HD1 2.0E 2900Fb	PWT LVL 1	.750" X 11.875"	2-Ply - PASS	ED	Level: 2nd floor	
			-			
•	• •	• •	•	•	• • •	
	• •	• •	•	•	• • • –	
1 SPF End Grain 0-3-0					2 SPF End Grain 0-3-0	I I I
<i> </i>		10'			,	3 1/2"
		10				3 1/2
		10'			,	ſ
Multi-Ply Analysis						
	and the Circles N	Latta (1 402 200) at 12		مغمام امم	non not to succeed CII Cline	
	vs of 16d Sinker N	ialis (.148x3.25°) at 12	o.c Maximum e	na aista	nce not to exceed 6". Clinc	in mails
where possible.						
Capacity	0.0 %					
Load	0.0 PLF					
Yield Limit per Foot	235.2 PLF					
Yield Limit per Fastener	117.6 lb.					
См	1					
Yield Mode	IV 1.1/0					
Edge Distance	1 1/2"					
Min. End Distance Load Combination	3"					
Duration Factor	1.00					
	1.00					
Notes					Manufacturer Info	U.S. Lumber 2160 Satellite Blvd., Suite 450, GA
This component analysis is based on the geometry and other conditions as entered by the	loads, ie user				Pacific Woodtech Corp 1850 Park Lane	U.S.A
and listed in this report. The user is response ensure the accuracy of the input and the applica	ible to				1850 Park Lane Burlington, WA 98233	30097 888-613-5078
the actual conditions of the structure for whi component is intended. This analysis is valid only	ch this				(800) 515-7570	
product listed.					www.pwtewp.com ICC-ES: ESR-2909 ESR-2403 APA:	
Copyright 2023 All rights reserved by Pacific Wo Corp 1850 Park Lane, Burlington, WA 98233	odtech				PR-L233 PR-L280	
		Th	s design is valid until 6/28/2	2026		





This design is valid until 6/28/2026

HD3 2.0E 2900Fb PWT LVL 1.750" X 16.000" 3-Ply - PASSED Level: 2nd floor	isDesign		Fayetteville #2307 and -CC2574	Date:6/11/2024 Input by: Kyle Militzer Job Name:CC 2574-GR CP 3C Project #:CC 2574-GR CP 3C	Page 3
1 SPF End Grain 0-3-0 2 SPF End Grain 0-3-0 1 sPf End Grain 0-3-0 2 SPF End Grain 0-3-0 19'4" 19'4" Interview of the second	2.0E 2900Fb PWT	LVL 1.750" X 1	6.000" 3-Ply - PAS	SED Level: 2nd floor	
1 SPF End Grain 0-3-0 2 SPF End Grain 0-3-0 194"					
1 SPF End Grain 0-3-0 2 SPF End Grain 0-3-0 19'4" 10'4''					
1 SPF End Grain 0-3-0 2 SPF End Grain 0-3-0 19'4" 19'4" 19'4" 19'4" 19'4" 19'4" 19'4" 19'4" 19'4" 19'4" 19'4" 19'4" 19'4" 19'4" 19'4" 19'4" 19'4" 10'10'10'10'10'10'10'10'10'10'10'10'10'1	• • • •		· · · · ·	· · · · · ·	·
I SPF End Grain 0-3-0 2 SPF End Grain 0-3-0 19'4" 19'4" 19'4" Itti-Ply Analysis 19'4" ten all plies using 3 rows of 16d Sinker Nails (.148x3.25") at 12" o.c Nail from both sides. Maximum end distance not to eed 6". Clinch Nails where possible. acity 0.0 % d 0.0 PLF Limit per Foot 352.8 PLF Limit per Fastener 117.6 lb. 1 1 Mode IV a Distance 3" d Combination 3"					
19'4" Iti-Ply Analysis ten all plies using 3 rows of 16d Sinker Nails (.148x3.25") at 12" o.c Nail from both sides. Maximum end distance not to eed 6". Clinch Nails where possible. notify 0.0 % 0.0 PLF Limit per Foot 352.8 PLF Limit per Fastener 117.6 lb. 1 Mode 1 Mode 1/2" End Distance 3" Combination	End Grain 0-3-0			2 SPF End Grai	
Iti-Ply Analysis en all plies using 3 rows of 16d Sinker Nails (.148x3.25") at 12" o.c Nail from both sides. Maximum end distance not to seed 6". Clinch Nails where possible. city 0.0 % 0.0 PLF Limit per Foot 352.8 PLF Limit per Fastener 117.6 lb. 1 1 Mode IV Distance 11/2" End Distance 3"			19'4"		5 1/4"
ren all plies using 3 rows of 16d Sinker Nails (.148x3.25") at 12" o.c Nail from both sides. Maximum end distance not to eed 6". Clinch Nails where possible. City 0.0 % 0.0 PLF Limit per Foot 352.8 PLF Limit per Fastener 117.6 lb. 1 Mode IV Distance 11/2" End Distance 3" Combination			19'4"		
en all plies using 3 rows of 16d Sinker Nails (.148x3.25") at 12" o.c Nail from both sides. Maximum end distance not to ed 6". Clinch Nails where possible. city 0.0 % 0.0 PLF Limit per Foot 352.8 PLF Limit per Fastener 117.6 lb. 1 Mode IV Distance 1 1/2" End Distance 3" Combination					
tion Factor 1.00	1 IV e 11/2" ance 3"				

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 the actual conditions of the structure for which this component is intended. This analysis is valid only for the product listed.	Pacific Woodtech Corp 1850 Park Lane Burlington, WA 98233 (800) 515-7570 www.pwtewp.com ICC-ES: ESR-2909 ESR-2403 APA: PR-L233 PR-L280	U.S.A U.S.A 30097 888-613-5078
This design is valid until 6/28/2026		