

Version 21.20.299 Powered by iStruct™ Dataset: embedded

Ťi	sDesign	Client: Projec Addres	t:	ook Lillington	Date: Input b	2/17/2022 by: Johnnie Baggett ame: Lot 68 South Creel			Page 2 of 2
<u> </u>		Addres		ek, Lillington i	NC 300 Na Projec		X		
3M1	Kerto-S LV	′L 1.7	50" X 9.250"	2-Ply -	PASSED	Level: Level			
						•••			
The second second			1						-
								MM	0.1
	and the second	Elect a	-	A MA	- The second	<u></u>		M	9 1
1 SPF	End Grain			:	2 SPF End Grain				
<u> </u>			6'			-			3 1/2"
ŕ			6'			\neg			
ember l	nformation				Reactions U	INPATTERNED Ib (Uplift)		
уре:	Girder	-	oplication: Floor		Brg Directio		ead Snow	v Wind	Cons
Plies: Moisture Co	2 ndition: Dry		esign Method: ASD uilding Code: IBC/IRC	: 2015	1 Vertical 2 Vertical		1339 1317 1339 1317		(
Deflection LI	•		ad Sharing: No	2010	2 Vertical	0	1339 1317	0	
Deflection T		De	eck: Not Che	cked					
mportance:	Normal - II e: Temp <= 100°F	:							
emperature	3: Temp <= 100 F				Bearings				
					Bearing Ler	ngth Dir. Cap. Re	eact D/L lb To	tal Ld. Case	Ld. Comb
					1 - SPF 3.0	00" Vert 29%	1339 / 1317 26	56 L	D+S
nalysis R	osults				End Grain				
Analysis		ocation Allow	ed Capacity Con	nb. Case	2-SPF 3.0	00" Vert 29% ⁻	1339 / 1317 26	56 L	D+S
Noment	3501 ft-lb	3' 14423	1 ,		End Grain				
Jnbraced	3501 ft-lb	3' 10944	· · ·						
Shear	1757 lb	1' 1/4" 7943 li	· · · ·	L					
	h 0.028 (L/2446)		(L/480) 0.196 (20%) S	L					
	h 0.056 (L/1213)	3' 0.281	(L/240) 0.198 (20%) D+S	L	-				
esign No 1 Provide s		movement and	otation at the end bearings	s. Lateral support	4				
may also	be required at the interio	or bearings by th	e building code.	··					
	re designed to be suppo lies must be fastened to		• •						
-	must be supported equ								
-	be laterally braced at er oust be laterally braced a	-							
	enderness ratio based o			D- 100			Oan-1 4 05	0	
D	Load Type Uniform	Locati		Dead 0.9 439 PLF		Snow 1.15 Wind 1.6 439 PLF 0 PLF		Comments	
1			Тор			+J∂FLF UPLF	U PLF		
	Self Weight			7 PLF	:				
	ed Designs is responsible only of th	chemicals		 For flat roofs provide ponding 	proper drainage to preven		1001	tech, Inc. ∣S. Reilly Road, Suite #63 atteville, NC	19
ructural adequac sign criteria a	ed Designs is responsible only of th y of this component based on th rad loadings shown. It is th	he Handling & Ins he 1. LVL beams must he 2. Refer to mai	tallation not be cut or drilled	 For flat roofs provide ponding 	proper drainage to preven	Metsä Wood 301 Merritt 7 Building, 2	nd Floor 1001 2831	S. Reilly Road, Suite #63 atteville, NC	9
alculated Structure ructural adequacy sign criteria a sponsibility of the sure the comp	y of this component based on the and loadings shown. It is the customer and/or the contractor to ponent suitability of the intender	he Handling & Ins 1. LVL beams must 2. Refer to mai regarding insti- fastening details	tallation	 For flat roofs provide ponding 	proper drainage to prever	Metsä Wood 301 Merritt 7 Building, 2 Norwalk, CT 06851 (800) 622-5850	1001 Faye USA 2831 910-1	S. Reilly Road, Suite #63 etteville, NC	19
alculated Structure ructural adequacy sign criteria a sponsibility of the sure the comp oplication, and to v umber	y of this component based on th and loadings shown. It is th e customer and/or the contractor t	he Handling & Ins he 1. LVL beams must 2. Refer to main regarding instation fastening details approvals 3. Damaged Beams	tallation not be cut or drilled nufacturer's product information allation requirements, multi-ply beam strength values, and code	 For flat roofs provide ponding 	proper drainage to prevei	Metsä Wood 301 Merritt 7 Building, 2 Norwalk, CT 06851	1001 Faye USA 2831 910-1	S. Reilly Road, Suite #63 atteville, NC	19