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A Sector of the	saign criteria and loadings shown. It is the 2. Refer to manufacturer's product information sponsibility of the customer and/or the contractor to regarding installation requirements, multi-ply (800) 622-5850 (800) 622-5850	alculated Structured	Designs is responsible only of	f the Handling	g & Installatio			roors provide p	oper grainage to pr	levent	Metsä Wo	od		1001 S. F Fayettevil	eilly Road, Suite	#639
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Instruction Inst	UV service conditions, unless noted otherwise 5. Provide lateral support at bearing points to avoid LVL not to be treated with fire relatard or corrosive lateral displacement and traction	esponsibility of the onsure the component pplication, and to ver umber	ify the dimensions and loads.	approva 3. Damage 4. Design	ls d Beams must not assumes top edge	be used is laterally restraine	ed						i/us			

GDH-2	Design Kerto-S	F	Project: Address:	Watermark Lot 25 Oa ' X 11.	k Haven	2-Ply -	Proje	by: lame: ct #:	1/13/20 Johnnie Lot 25 (J1121-6 evel: Leve	Baggett Dak Have 508	n			Fage	e 2 of :
		2													
					1										1
		E Fig. s	-		and the second	17		1	¥in.						11 7
1 SPF Er	nd Grain								2	SPF En	d Grain				
<i>†</i>					9'3"						+		<i>\</i>	3 1/2"	
ł					9'9"						1				
Member Inf	formation						Reactions I	UNP	ATTER	NED Ib	(Uplift)				
Type: Plies:	Girder 2		Application Design M		Floor ASD		Brg Direction		Live			Snow	Wind		Cor
Moisture Cond			Building		IBC/IRC 2015		1 Vertical 2 Vertical)	1264 1264	0 0	0		
Deflection LL:	480		Load Sha	•	No							-	-		
Deflection TL:			Deck:		Not Checked										
Importance: Temperature:	Normal - II Temp <= 100	J°F													
remperature.							Bearings								
							Bearing Le	ength	Dir.	Cap.	React D/L lb	Total	Ld. Case	Ld. (Com
							1 - SPF 3.0	000"	Vert	14%	1264 / 0	1264	Uniform	D	
Analysis Re	sults						End Grain								
Analysis	Actual	Location A	Allowed	Capacity	Comb.	Case	2-SPF 3.0	000"	Vert	14%	1264 / 0	1264	Uniform	D	
Moment	2848 ft-lb	4'10 1/2" 1		0.159 (16		Uniform	End Grain								
Unbraced	2848 ft-lb	4'10 1/2" 9	9664 ft-Ib	0.295 (29	%) D	Uniform									
Shear	952 lb	1'2 7/8" 7		0.119 (129		Uniform									
	0.000 (L/999)		999.000 (L/0)			l lucifa una									
	0.054 (L/2083)	4'10 1/2" ().469 (L/240)	0.115 (12)	%) D	Uniform	1								
Design Not	es oport to prevent late	aral movement	and rotation	at the end	hearings Late	eral support									
may also be	e required at the int	erior bearings	by the buildi	ng code.	bearings. Late										
	designed to be sup es must be fastened	-	-	-	s.										
4 Top loads m	nust be supported e	equally by all p	lies.												
-	e laterally braced a st be laterally brace	-													
	derness ratio base														
ID 1	Load Type	L	ocation T	rib Width	Side	Dead 0.9		Snow			.6 Const. 1.:		mments		
1	Uniform Uniform				Тор Тор	210 PLF 40 PLF	0 PLF 0 PLF		0 PLF 0 PLF	0 PI 0 PI					
2	Self Weight				Тор	40 PLF 9 PLF	U PLF			υP	_i UP	LF C10			
						σrlľ									
												Camtach	Ine		
Notes Calculated Structured	Designs is responsible only	chemica of the Handling		n	 For fla pondir 		roper drainage to preve		Anufactu Aetsä Woo			Fayettevi	Reilly Road, Suite	#639	
structural adequacy of design criteria and	of this component based of loadings shown. It is	the 1. LVL bea	ms must not be cut to manufacturer's	or drilled s product info	ormation			3		7 Building	, 2nd Floor	USA 28314			
ensure the compone	ustomer and/or the contract ent suitability of the inter- fy the dimensions and loads	tor to regardin ended fastening	g installation i details, beam st	requirements,	multi-ply			(800) 622-5 /ww.metsa	850	lus	910-864-			
Lumber	ons, unless noted otherwise	 Damage Design a 	s d Beams must not issumes top edge is lateral support at	s laterally restrain	ed				CC-ES: ES		1,43				
 Dry service condition 		6 Provido											omt		