

Version 23.40.705 Powered by iStruct™ Dataset: 24070801.3993

1	isDesign		Client: Project: Address:	Elmore Builders		Job	te: ut by: Name: oject #:	11/11/2024 Anthony Williams Lane Residence J1124-6094	Page 2 of 2
GDH	Kerto-S	LVL	1.750"	X 18.000"	2-Ply ·	PASSED)	evel: Level	
•	• •	• •	•	• •	• •	• •	•	• • • •	
	•••	•	•••	· ·	 	• •		· · · · ·	· 1/5"
	PF End Grain 0-6-0				16'3"			2 SPF End Grain 0-	
					17'3"				
	y Analysis	6.44		(420.20) (420		1.15.4			
Fasten all Capacity Load	I plies using 3	0.0 % 0.0 % 0.0 Pl		(.128x3") at 12"	o.c Maximi	um end distan	ce no	t to exceed 6".	
Yield Limit p Yield Limit p Cʌ		245.6 81.9 II 1							
Yield Mode Edge Distan Min. End Dis		IV 1 1/2" 3"							
Load Combi Duration Fac	ination	1.00							
	ctured Designs is responsible	e only of the Ha	chemicals ndling & Installa		6. For flat roofs prov ponding	vide proper drainage to p	leveni	Manufacturer Info Metsä Wood	-
design criteria responsibility of ensure the co	uacy of this component ba a and loadings shown. f the customer and/or the component suitability of the to verify the dimensions and	It is the 2. contractor to ne intended	regarding installation	e cut or drilled urer's product information n requirements, multi-ply m strength values, and code			1	301 Merritt 7 Building, 2nd Floor Norwalk, CT 06851 (800) 622-5850 www.metsawood.com/us	
Lumber 1. Dry service	conditions, unless noted othe be treated with fire retardant	3. 4. srwise 5.	Damaged Beams must Design assumes top er	dge is laterally restrained rt at bearing points to avoid	This design is	valid until 6/28/2026			