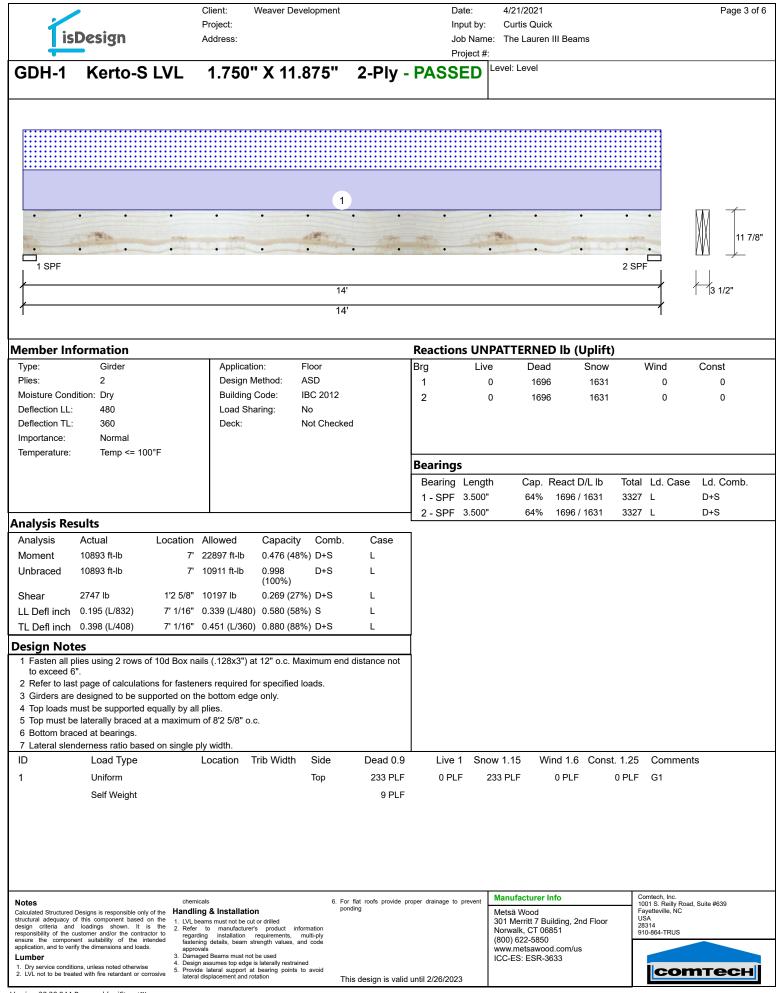


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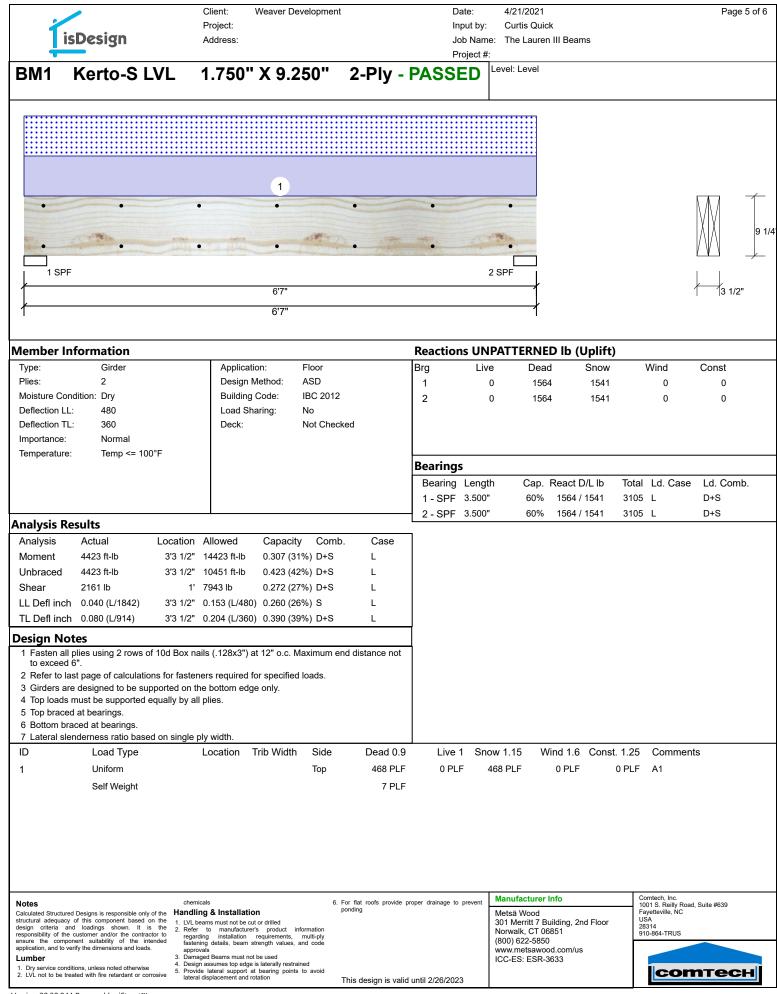
	Client:	Weaver Development	Date: 4/2	21/2021 Page 2 of 6
	Project:	Would Dovelopment		Intis Quick
isDesigr	Address:			le Lauren III Beams
Ispesigi	Address.			
			Project #:	
GDH Kerto-	S LVL 1.750"	X 16.000" 3-F	Ply - PASSED	Level
			3	
	• • • •	• • •	• • • • •	
				· · · · · · · · · · · · · · · · · · ·
	• • •	• • • •	• • • •	$\cdot$ $\cdot$ $\cdot$ $\cdot$ $\cdot$ $\frac{1}{2}$
				· · · · · · · · · · · · · · · · · · ·
1 SPF				
		18'10"		5 1/4"
/		40140		
		18'10"		I
Multi-Ply Analysis				
	3 rows of 10d Box nails	s (.128x3") at 12" o.c Na	ail from both sides. Maximur	n end distance not to exceed
6"				
Capacity	0.0 %			
Load	0.0 PLF			
Yield Limit per Foot	245.6 PLF			
Yield Limit per Fastener	81.9 lb.			
Yield Mode	IV			
Edge Distance	1 1/2"			
Min. End Distance	3"			
Load Combination				
Duration Factor	1.00			

Notes	chemicals	6. For flat roofs provide proper drainage to prevent	Manufacturer Info	Comtech, Inc. 1001 S. Reilly Road. Suite #639
Calculated Structured Designs is responsible only of the structural adequacy of this component based on the design criteria and loadings shown. It is the responsibility of the customer and/or the contractor to ensure the component suitability of the intended application, and to verify the dimensions and loads. <b>Lumbor</b> 1. Dry service conditions, unless noted otherwise 2. LVL not to be treated with fire retardant or corrosive	1. LVL beams must not be cut or drilled 2. Refer to manufacturer's product information	ponding This design is valid until 2/26/2023	Metsä Wood 301 Merritt 7 Building, 2nd Floor Norwalk, CT 06851 (800) 622-5850 www.metsawood.com/us ICC-ES: ESR-3633	Fayetteville, NC USA 28314 910-864-TRUS



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		Client:	Weaver Develop	ment	Date:	4/21/2021	Page 4 of 6
		Project:			Input by:	Curtis Quick	
isDe	sign	Address:				e: The Lauren III Beams	
					Project #		
GDH-1 K	erto-S L\	/L 1.75	50" X 11.87	5" 2-Ply	- PASSED	Level: Level	
				5			
• •	•	• •	• •	• •	•	• • •	13
							₹ 
	•				•		· · · · · · · · · · · · · · · · · · ·
1 SPF							
				14'			<u> </u>
│ <i>∤</i>				14'			
	•						
Multi-Ply Analy							
Fasten all plies u			ls (.128x3") at 12	" o.c Maximun	n end distance n	ot to exceed 6"	
Capacity		0 %					
Load Yield Limit per Foot		0 PLF 3.7 PLF					
Yield Limit per Fasten		.9 lb.					
Yield Mode	IV						
Edge Distance		1/2"					
Min. End Distance Load Combination	3"						
Duration Factor	1.0	00					
Notes Calculated Structured Designs structural adequacy of this c design criteria and loadin responsibility of the customer	component based on the logs shown. It is the	<ol> <li>LVL beams must not 2. Refer to manufa</li> </ol>	be cut or drilled acturer's product informatio	ponding	proper drainage to prevent	Manufacturer Info Metsä Wood 301 Merritt 7 Building, 2nd Floor Norwalk, CT 06851	Comtech, Inc. 1001 S. Reilly Road, Suite #639 Fayetteville, NC USA 28314 910-864-TRUS
ensure the component suit application, and to verify the di	tability of the intended	fastening details, be approvals	tion requirements, multi-pl eam strength values, and code	9		(800) 622-5850 www.metsawood.com/us	
Lumber 1. Dry service conditions, unle	ess noted otherwise	<ol> <li>Damaged Beams mi</li> <li>Design assumes top</li> </ol>	edge is laterally restrained	4		ICC-ES: ESR-3633	
2. LVL not to be treated with	fire retardant or corrosive	<ol> <li>Provide lateral sup lateral displacement</li> </ol>	port at bearing points to avoi and rotation	<sup>d</sup> This design is val	id until 2/26/2023		сотесн
Version 20 20 044 Dewar	a al lass (Cass satTM						



	Client: Weaver Develop	ment Date:	4/21/2021	Page 6 of 6
	Project:	Input by:		-
isDesign	Address:		e: The Lauren III Beams	
		Project #	÷	
BM1 Kerto-S L		2-Ply - PASSED	Level: Level	
BINIT Reft0-5 L	.VL 1.750 A 9.250	2-FIY - FASSED		
• •	• •	• •	• -	
			•	
			$\overline{\nabla}$	
•	• •	• •	•	
1 SPF			2 SPF	
1	6'7"		r	3 1/2"
/	6'7"		<del>-</del>	
	07		I	
Multi-Ply Analysis				
Fasten all plies using 2 row	s of 10d Box nails (.128x3") at 12	" o.c. Maximum end distance n	ot to exceed 6"	
Capacity	0.0 %			
Load	0.0 PLF			
Yield Limit per Foot	163.7 PLF			
Yield Limit per Fastener Yield Mode	81.9 lb. IV			
Edge Distance	1 1/2"			
Min. End Distance	3"			
Load Combination				
Duration Factor	1.00			
Notes Calculated Structured Designs is responsible only structural adequacy of this component based design criteria and loadings shown. It is responsibility of the customer and/or the contra ensure the component suitability of the init application, and to verify the dimensions and loads Lumber 1. Dry service conditions, unless noted otherwise	the 1. LVL beams must not be cut or drilled if the 2. Refer to manufacturer's product information regarding installation requirements, multi-pit ended astening details, beam strength values, and codu- approvals 3. Damaged Beams must not be used 4. Design assumes top edge is laterally restrained 6. Broken strength values, and codu- besign assumes top edge is laterally restrained 6. Broken strength values, and codu- for the strength values of the strength values of the strength 6. Broken strength values of the strength values of the strength 6. Broken strength values of the strength values o	2	Manufacturer Info Metsä Wood 301 Merritt 7 Building, 2nd Floor Norwalk, CT 06851 (800) 622-5850 www.metsawood.com/us ICC-ES: ESR-3633	Comtech, Inc. 1001 S. Reilly Road, Suite #639 Fayetteville, NC USA 28314 910-864-TRUS
2. LVL not to be treated with fire retardant or con	5. Provide lateral support at bearing points to avoid lateral displacement and rotation	This design is valid until 2/26/2023		соттесн

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