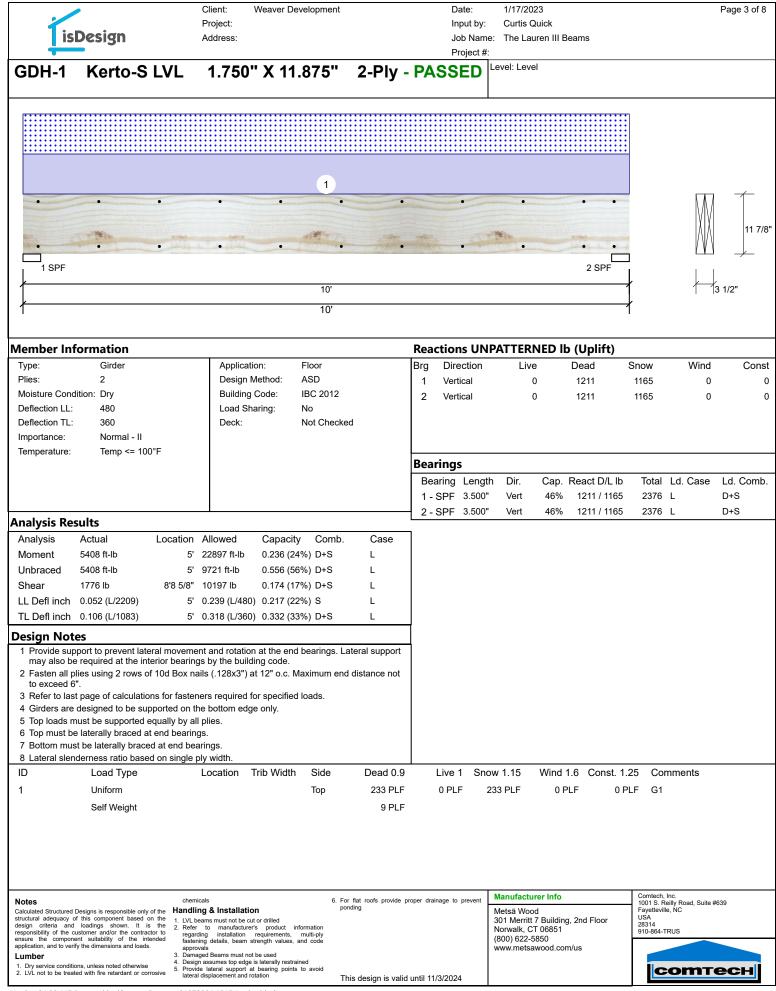


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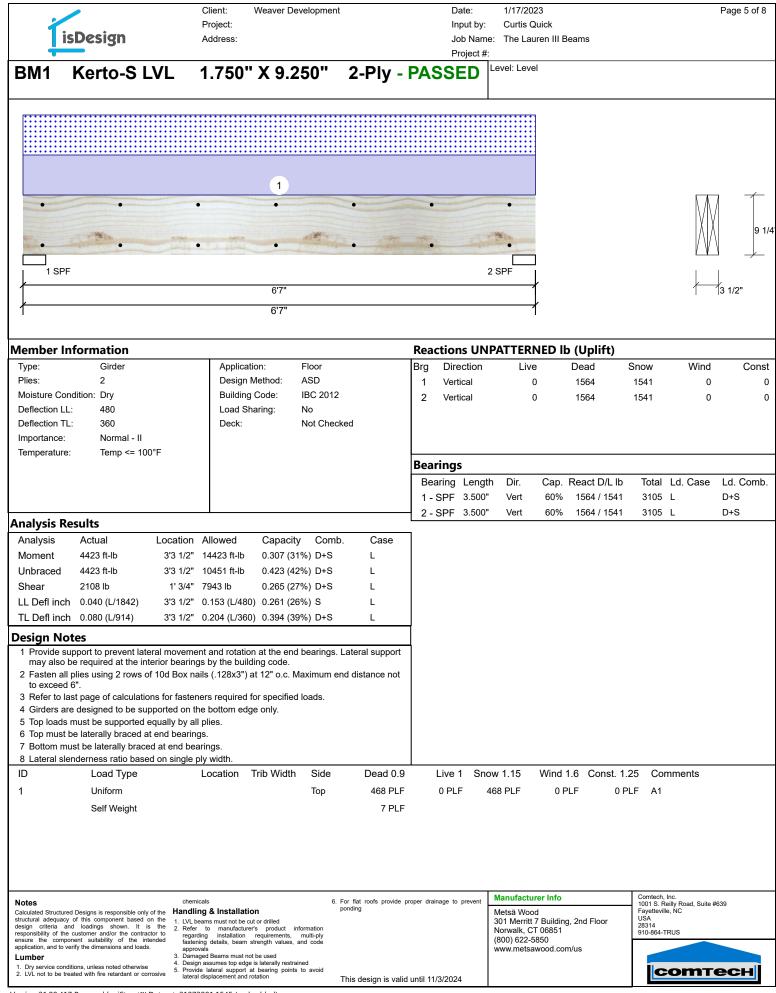
GDH Kerto-S LVL	Project: Address:	Weaver Developm X 16.000" 			Project #:	1/17/2023 Curtis Quick The Lauren III Beams evel: Level		Page 2 of 8
GDH Kerto-S LVL	Address:	X 16.000"	3-Ply -		Job Name: Project #:	The Lauren III Beams		
GDH Kerto-S LVL		X 16.000"	3-Ply -	I	Project #:			
	1.750") 	X 16.000"	3-Ply -			evel: Level		
· · · · · · · · · · · · · · · · · · ·	1.750") 	X 16.000"	3-Ply -	PASSE	• • • • • • • • • • • • • • • • • • •			
· · · · · · · · · · · · · · · · · · ·	· · · ·	· · ·	· · ·	· · ·	I 	· · · ·		1'4"
<i>†</i>			18'10" 18'10"			· · · ·		5 1/4"
Multi-Ply Analysis								
Fasten all plies using 3 rows of 1	0d Box nails (.	.128x3") at 12"	o.c Nail fror	m both side	es. Maxin	num end distance not	t to exceed	
6".								
Capacity 0.0 %								
Load 0.0 P								
Yield Limit per Foot 245.6								
Yield Limit per Fastener 81.9 I	.b.							
Yield Mode IV								
Edge Distance 1 1/2'	,							
Min. End Distance 3"								
Load Combination								
Duration Factor 1.00								

Notes 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 subability of the intended application, and to verify the dimensions and loads. 1. UL beams must not be cut or drilled 2. Refer to manufacturer's product information regarding installation requirements, multi-ply fastening details, beam strength values, and code approvals 3. Damaged Deams must not be used 1. Dry service conditions, unless noted otherwise 2. LVL not to be treated with fire retardant or corrosive 3. Damaged Deams must not be used 4. Design assumes top edge is laterally restrained 2. LVL not to be treated with fire retardant or corrosive 4. Provide lateral support at bearing points to avoid lateral displacement and rotation This design is valid until 11/3/2024	Metsä Wood 301 Merritt 7 Building, 2nd Floor Norwalk, CT 06851 (800) 622-5850 www.metsawood.com/us	Fayetteville, NC USA 28314 910-864-TRUS



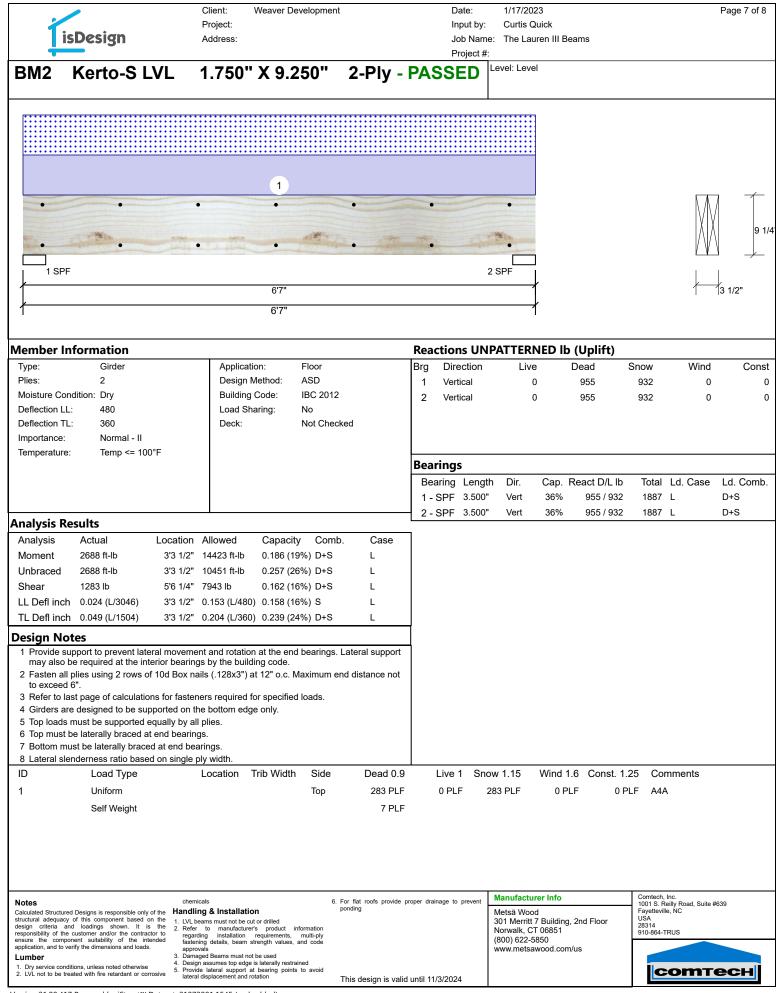
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		Client:	Weaver Developm	ent	Date:	1/17/2023	Page 4 of 8
		Project:			Input by:	Curtis Quick	
isD	esign	Address:				e: The Lauren III Beams	
					Project #		
GDH-1	Kerto-S LVI	L 1.750)" X 11.875	5" 2-Ply	- PASSED	Level: Level	
				-			
•	• •	•	•	• •	•	• • •	
	• •	•	•	• •	•	• • • -	
1 SPF						2 SPF	
/			10	יי			3 1/2"
							1 10 172
1			10)'		·	I
Multi-Ply Ana	alysis						
Fasten all plies	using 2 rows of 1	l0d Box nails	(.128x3") at 12"	o.c., Maximum	n end distance n	ot to exceed 6".	
Capacity	0.0 %		()				
Load	0.0 F						
Yield Limit per Foot Yield Limit per Fast		7 PLF					
Yield Mode	IV	ID.					
Edge Distance	1 1/2	2"					
Min. End Distance	3"						
Load Combination Duration Factor	1.00						
l						Manufacturer Info	Comtech, Inc.
Notes Calculated Structured Desi	igns is responsible only of the H	chemicals andling & Installa	tion	For flat roofs provide ponding	proper drainage to prevent	Metsä Wood	 1001 S. Reilly Road, Suite #639 Fayetteville, NC
structural adequacy of the design criteria and log	is component based on the 1. adings shown. It is the 2	. LVL beams must not be . Refer to manufactu	cut or drilled urer's product information			301 Merritt 7 Building, 2nd Floor	USA 28314
responsibility of the custo ensure the component	omer and/or the contractor to suitability of the intended	regarding installation fastening details, bear	n requirements, multi-ply n strength values, and code			Norwalk, CT 06851 (800) 622-5850	910-864-TRUS
application, and to verify the Lumber	e dimensions and loads. 3.	approvals Damaged Beams must	not be used			www.metsawood.com/us	
 Dry service conditions, LVL not to be treated w 	unless noted otherwise 5. with fire retardant or corrosive	 Design assumes top ed Provide lateral suppor lateral displacement an 	t at bearing points to avoid	This dealer in the			соттесн
		.a.o.a. arapiacement all		This design is vali	a until 11/3/2024		



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	Client: Weaver Developr	nent Date:	1/17/2023	Page 6 of 8
	Project:	Input by:		5
isDesign	Address:		ne: The Lauren III Beams	
		Project #		
BM1 Kerto-S L		2-Ply - PASSED	Level: Level	
Bivit Kerto-S L	VL 1.750 X 9.250	2-FIY - FASSED		
• •	• •	• •	• -	
			11/2	
			<1 1/2"	
•	• •	• •	•	
1 SPF			2 SPF	
1	6'7"			3 1/2"
/	6'7"		/	
	07		I	
Multi-Ply Analysis				
Fasten all plies using 2 row	s of 10d Box nails (.128x3") at 12	o c Maximum end distance r	not to exceed 6"	
Capacity	0.0 %			
Load	0.0 PLF			
Yield Limit per Foot	163.7 PLF			
Yield Limit per Fastener	81.9 lb.			
Yield Mode Edge Distance	IV 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 or design criteria and loadings shown. It is responsibility of the customer and/or the contrar	n the 1. LVL beams must not be cut or drilled the 2. Refer to manufacturer's product information	 For flat roofs provide proper drainage to prevent ponding 	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 suitability of the int application, and to verify the dimensions and loads	ended fastening details, beam strength values, and code approvals		(800) 622-5850 www.metsawood.com/us	
1. Dry service conditions, unless noted otherwise 2. LVL not to be treated with fire retardant or con	 Design assumes top edge is laterally restrained Provide lateral support at hearing points to avoid 	This design is valid until 11/3/2024		соттесн
		-		



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	Client: Weaver Developm	ent Date:	1/17/2023	Page 8 of 8
	Project:	Input by:		0
isDesign	Address:		e: The Lauren III Beams	
		Project #		
BM2 Kerto-S LV		2-Ply - PASSED	Level: Level	
Diviz Kerto-S LV	L 1.750 A 9.250	2-PIY - PASSED		
• •	• •	• •	• •	
			12	
			- <1 1/2"	Å Å 9 1/4
•	• •	• •	•	
1 SPF			2 SPF	
1	6'7"		ł	3 1/2"
 	6'7"		_	
	07		I	
Multi-Ply Analysis				
	of 10d Box nails (.128x3") at 12"	o.c. Maximum and distance n	at to avcord 6"	
	.0 %	o.c Maximum end distance i	ot to exceed o .	
	.0 PLF			
	63.7 PLF			
Yield Limit per Fastener 8	1.9 lb.			
Yield Mode				
Edge Distance 1 Min. End Distance 3	1/2"			
Load Combination				
	.00			
Notes	chemicals	6. For flat roofs provide proper drainage to prevent	Manufacturer Info	Comtech, Inc.
Calculated Structured Designs is responsible only of the	Handling & Installation	ponding	Metsä Wood	1001 S. Reilly Road, Suite #639 Fayetteville, NC
structural adequacy of this component based on the design criteria and loadings shown. It is the responsibility of the customer and/or the contractor the	2. Refer to manufacturer's product information		301 Merritt 7 Building, 2nd Floor Norwalk, CT 06851	USA 28314 910-864-TRUS
responsibility of the customer and/or the contractor to ensure the component suitability of the intended application, and to verify the dimensions and loads.	regarding installation requirements, multi-ply fastening details, beam strength values, and code		(800) 622-5850	
Lumber	approvals 3. Damaged Beams must not be used 4. Design assumes top edge is laterally restrained		www.metsawood.com/us	
 Dry service conditions, unless noted otherwise LVL not to be treated with fire retardant or corrosive 	 Design assumes top edge is laterally restrained Provide lateral support at bearing points to avoid lateral displacement and rotation 			соттесн
	atoral displacement and fuldion	This design is valid until 11/3/2024	l	

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