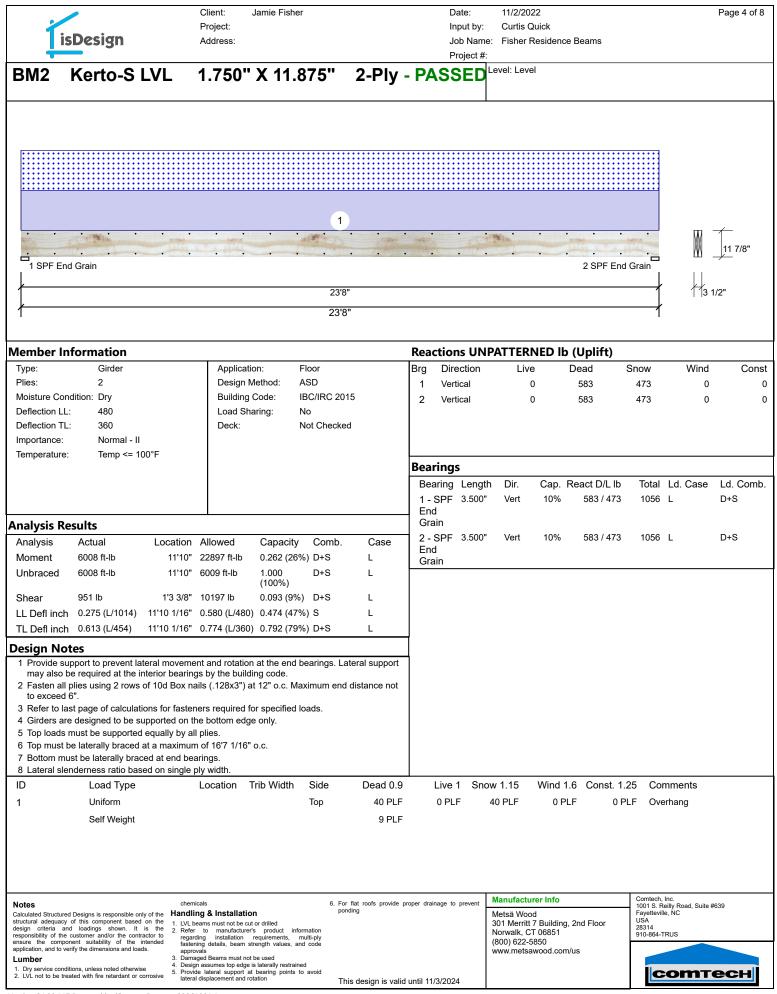


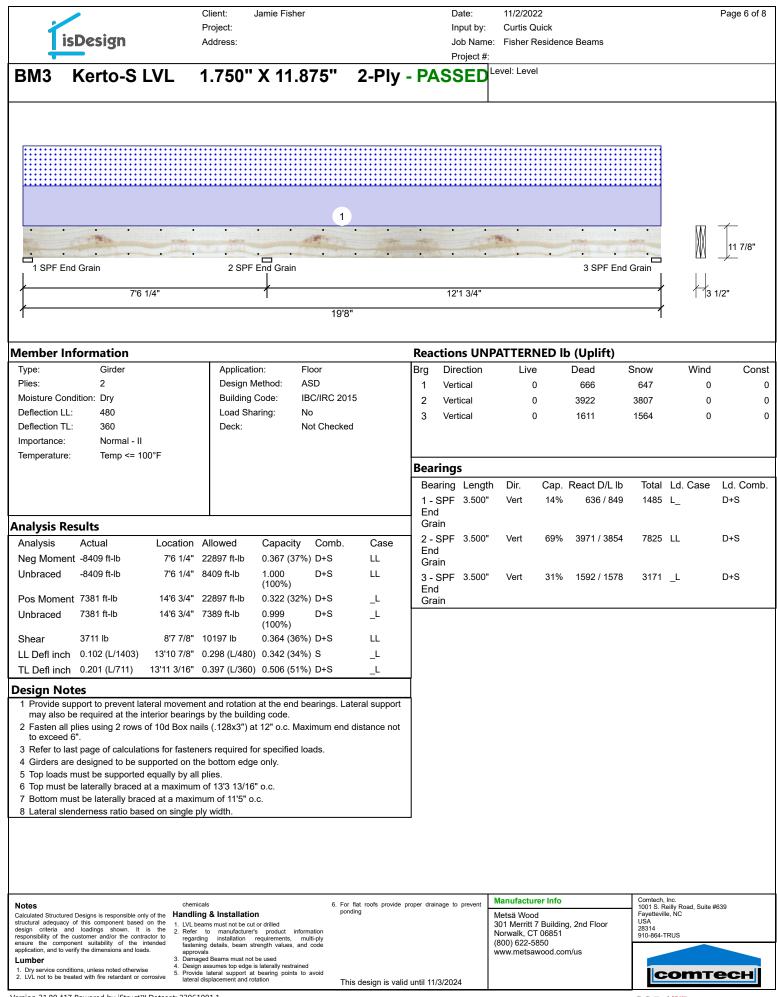
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	/		lamie Fisher		Date:	11/2/2022	Page 3 of 8
Í	isDesign	Project: Address:			Input by:	Curtis Quick e: Fisher Residence Beams	
- 4	130631311	Autress.			Project #:		
BM1	Kerto-S LVI	_ 1.750"	X 11.875"	2-Ply -	PASSED	Level: Level	
							······································
• •	• • • •	• • •		• •	• • •		· · · · · · · · · · · · · · · · · · ·
1 SPF	End Grain	<u> </u>	2 SPF End	Grain		3 SPF End	
	1	2'3 3/4"				2'3 3/4"	
	1	2 3 3/4	24'7 1	/2"		2 3 3/4	3 1/2
			2471	12			I
Multi-Ph	y Analysis						
-	l plies using 2 rows of	f 10d Box nails (.1	28x3") at 12" o.c.	. Maximum	end distance no	ot to exceed 6".	
Capacity	0.0	0 %					
Load Yield Limit p		) PLF 3.7 PLF					
Yield Limit p		.9 lb.					
Yield Mode	IV						
Edge Distan		1/2"					
Min. End Dis Load Combi							
Duration Fac		00					
Notes		chemicals		flat roofs provide pr	oper drainage to prevent	Manufacturer Info	Comtech, Inc. 1001 S. Reilly Road, Suite #639
structural adequ	ctured Designs is responsible only of the uacy of this component based on the	1 LV/L become must not be out	or drilled	5		Metsä Wood 301 Merritt 7 Building, 2nd Floor	Fayetteville, NC USA 28314
responsibility of ensure the co	a and loadings shown. It is the f the customer and/or the contractor to omponent suitability of the intended	<ol> <li>Refer to manufacturer's regarding installation r</li> </ol>	product information equirements, multi-ply			Norwalk, CT 06851 (800) 622-5850	28314 910-864-TRUS
application, and	to verify the dimensions and loads.	fastening details, beam str approvals 3. Damaged Beams must not t	-			www.metsawood.com/us	
1. Dry service of	conditions, unless noted otherwise be treated with fire retardant or corrosive	<ol> <li>Design assumes top edge is</li> <li>Provide lateral support at</li> </ol>	laterally restrained bearing points to avoid				соттесн
2. LVE HOL IO D		lateral displacement and rot	ation Th	is design is valid	until 11/3/2024		

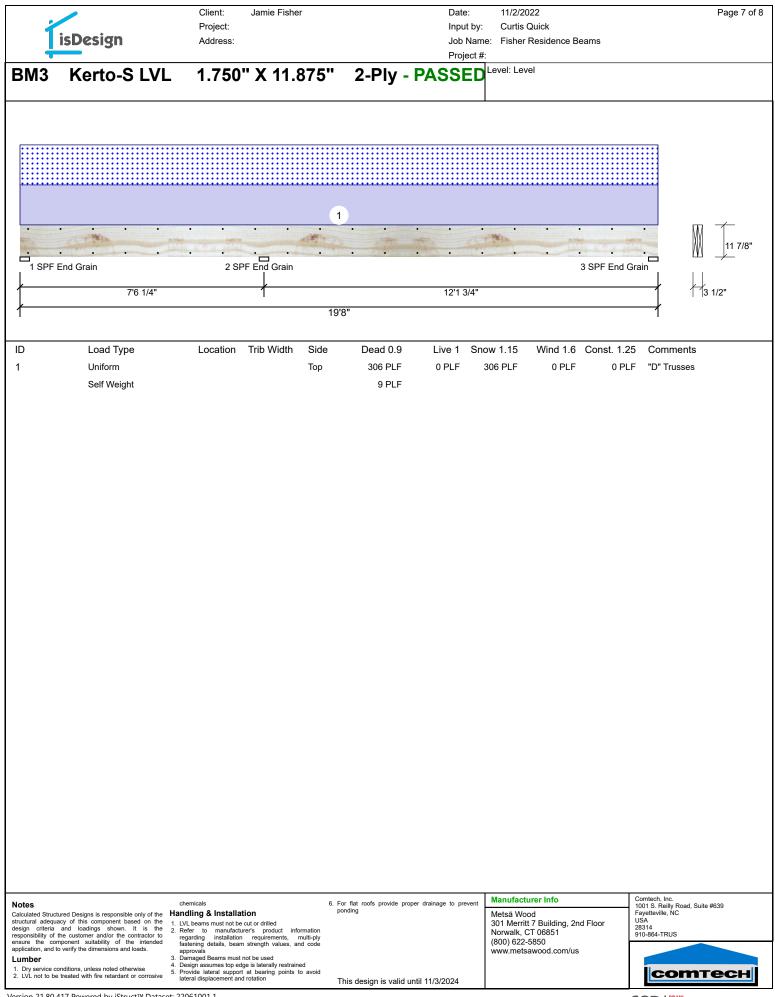


				Jamie Fisher		Date:	11/2/2022	Page 5 of 8
1	isDesign		Project: Address:			Input by:	Curtis Quick e: Fisher Residence Beams	
- 4	Ispesign		Auuress.			Project #:		
DMO	Karta S	• • • • •	4 750"	V 44 075				
BM2	Nerto-S		1.750	X 11.0/5		- PASSED		
								5
· · ·	• •		• •	· · ·	· · · ·	• • •	· · · · ·	
								↓ ↓ 11 7/8"
1 SPF	End Grain	<u>· · ·</u>	• •	• • •	•••	• • •	2 SPF End	
					23'8"			3 1/2"
/					23'8"			/
I					200			
Multi-Ply	y Analysis							
Fasten all	l plies using 2 r	rows of 10d	Box nails (.	128x3") at 12"	o.c Maximum	end distance no	ot to exceed 6".	
Capacity		0.0 %						
Load		0.0 PLF	_					
Yield Limit p		163.7 PL	.F					
Yield Limit pe Yield Mode	er Fastener	81.9 lb. IV						
Edge Distan		1 1/2"						
Min. End Dis		3"						
Load Combi		Ũ						
Duration Fac		1.00						
Notes		chei	micals		6. For flat roofs provide p	roper drainage to prevent	Manufacturer Info	Comtech, Inc. 1001 S. Reilly Road, Suite #639
Calculated Struc	ctured Designs is responsible	e only of the Hand	ling & Installatio		ponding		Metsä Wood	Fayetteville, NC USA
design criteria	and loadings shown.	It is the 2 Refe	beams must not be cu er to manufacturer	's product information			301 Merritt 7 Building, 2nd Floor Norwalk, CT 06851	28314 910-864-TRUS
ensure the co	the customer and/or the component suitability of the	e intended fast	irding installation ening details, beam s	requirements, multi-ply trength values, and code			(800) 622-5850	510-004- TXUS
application, and Lumber	to verify the dimensions and	3. Dan	ovals naged Beams must not	be used			www.metsawood.com/us	
1. Dry service c	conditions, unless noted othe treated with fire retardant	Twise 5. Prov	ign assumes top edge ride lateral support a	bearing points to avoid				соттесн
E. EVE NOT TO DE		later	al displacement and ro	nation	This design is valid	until 11/3/2024		
V			C1001 1					

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Ťi	sDesign	Client: Jamie Fisher Project: Address:	Date: Input by: Job Nam	11/2/2022 Curtis Quick e: Fisher Residence Beams	Page 8
BM3	Kerto-S LVL	1.750" X 11.875	Project #	: Level: Level	
••••	· · · ·	· · · · ·	· · · · ·	· · · ·	· · · · · · · · · · · · · · · · · · ·
 1 SPF E		••••••••••••••••••••••••••••••••••••••	• • • • •	••••••••••••••••••••••••••••••••••••••	
]	7'6 1/4"	1	12'1 3/4"		
1			19'8"		1
	A				
-	Analysis	0d Boy pails ( 128v3") at 12"	o.c Maximum end distance n	at to avcood 6"	
pacity	0.0 %		o.c Maximum end distance n		
ld Id Limit per	0.0 Pl Foot 163.7				
d Limit per					
d Mode	IV				
e Distance . End Dista					
d Combina	ation				
ration Facto	or 1.00				
tes		chemicals	6. For flat roofs provide proper drainage to prevent ponding	Manufacturer Info	Comtech, Inc. 1001 S. Reilly Road, Suite #639
uctural adequac	ed Designs is responsible only of the y of this component based on the 1.	andling & Installation LVL beams must not be cut or drilled	ponding	Metsä Wood 301 Merritt 7 Building, 2nd Floor	Fayetteville, NC USA
sign criteria a ponsibility of the	and loadings shown. It is the 2.	Refer to manufacturer's product information regarding installation requirements, multi-ply		Norwalk, CT 06851 (800) 622-5850	28314 910-864-TRUS
lication, and to	verify the dimensions and loads.	fastening details, beam strength values, and code approvals		(800) 622-5850 www.metsawood.com/us	
	ditions, unless noted otherwise 4.	Damaged Beams must not be used Design assumes top edge is laterally restrained Provide lateral support at bearing points to avoid			
	and the second s	lateral displacement and rotation	This design is valid until 11/3/2024		COMTECH