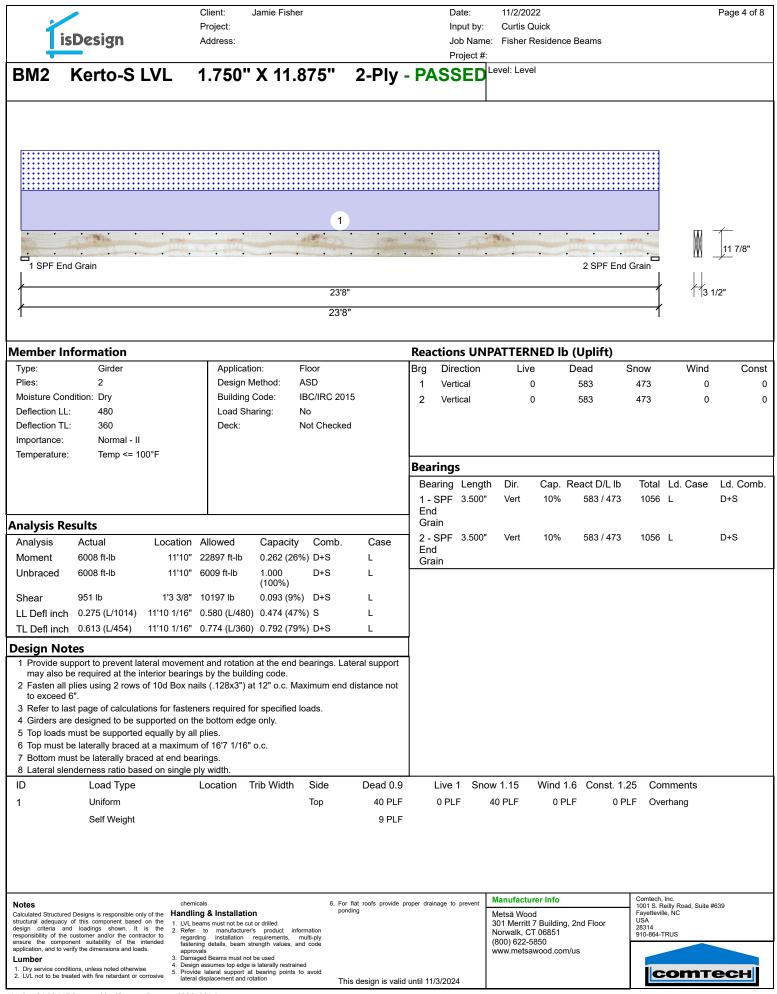


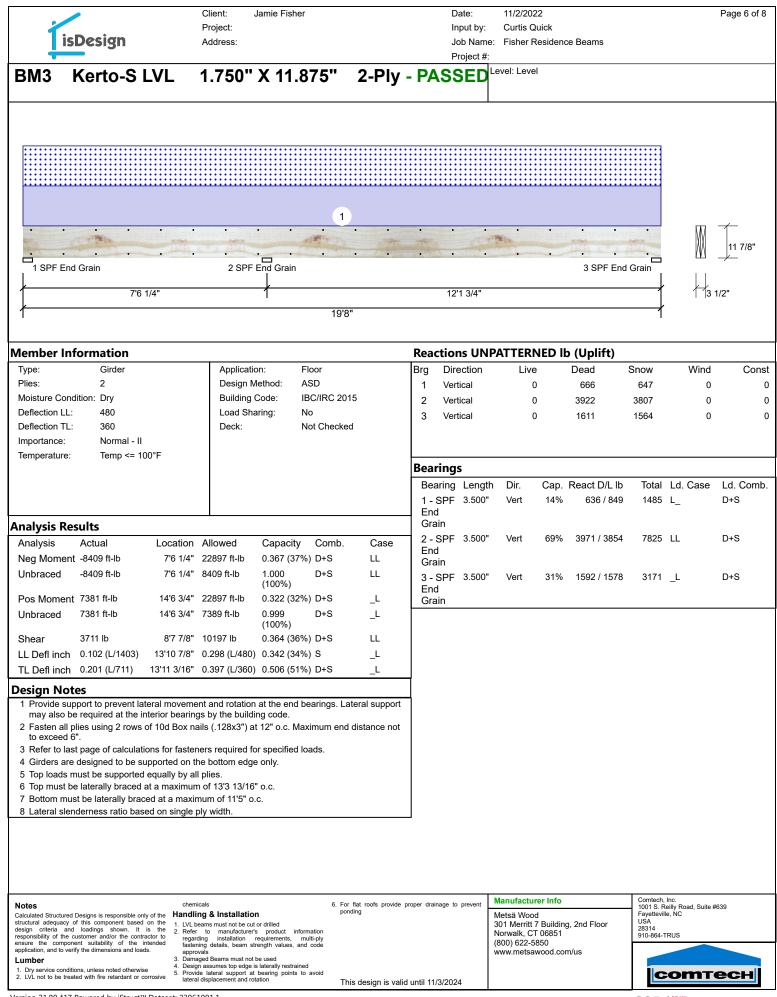
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	/		lamie Fisher		Date:	11/2/2022	Page 3 of 8
Í	isDesign	Project: Address:			Input by:	Curtis Quick e: Fisher Residence Beams	
- 4	130631311	Autress.			Project #:		
BM1	Kerto-S LVI	_ 1.750"	X 11.875"	2-Ply -	PASSED	Level: Level	
							······································
• •	• • • •	• • •		• •	• • •		· · · · · · · · · · · · · · · · · · ·
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	 Refer to manufacturer's regarding installation r 	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	 Design assumes top edge is Provide lateral support at 	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		

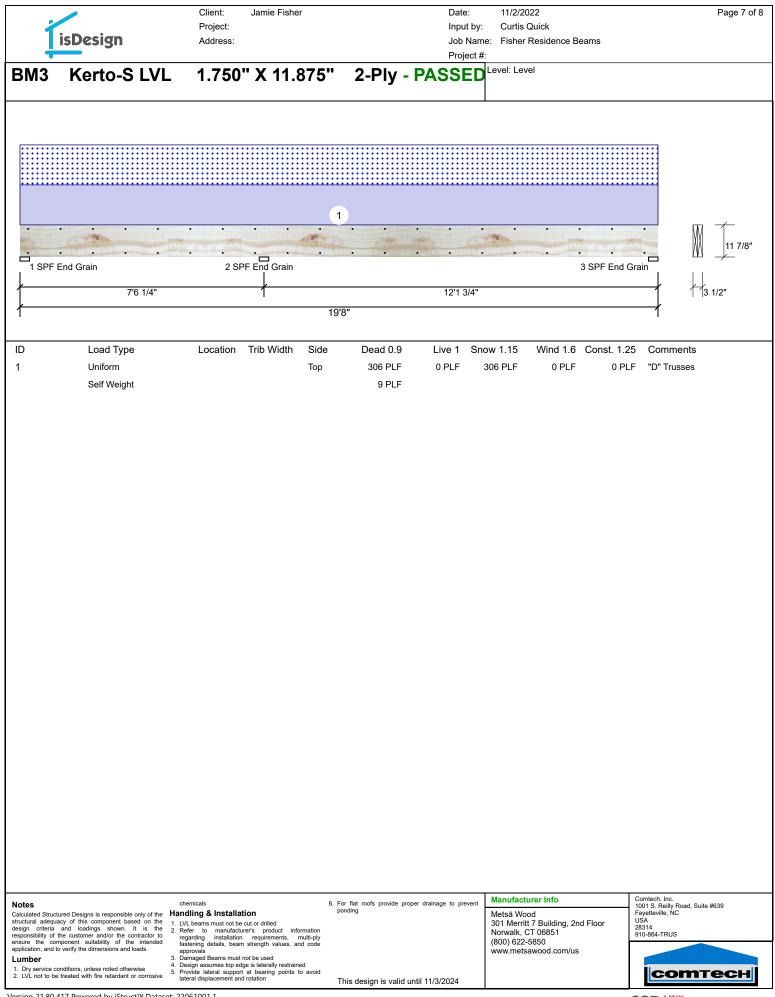


				Jamie Fisher		Date:	11/2/2022	Page 5 of 8
1	isDesign		Project: Address:			Input by:	Curtis Quick e: Fisher Residence Beams	
- 4	Ispesign		Auuress.			Project #:		
DMO	Karta S	• • • • •	4 750"	V 44 075				
BM2	Nerto-S		1.750	X 11.0/5		- PASSED		
								5
· · ·	• •		• •	· · ·	· · · ·	• • •	· · · · ·	
								↓ ↓ 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