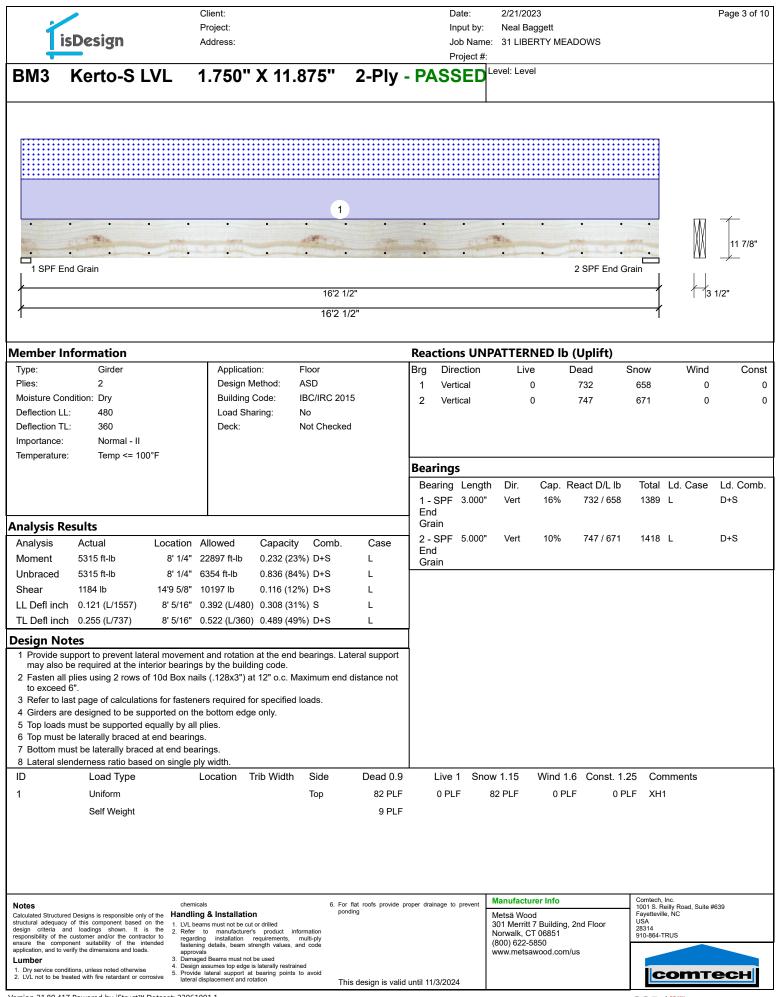


Version 21.80.417 Powered by iStruct<sup>™</sup> Dataset: 22061001.1

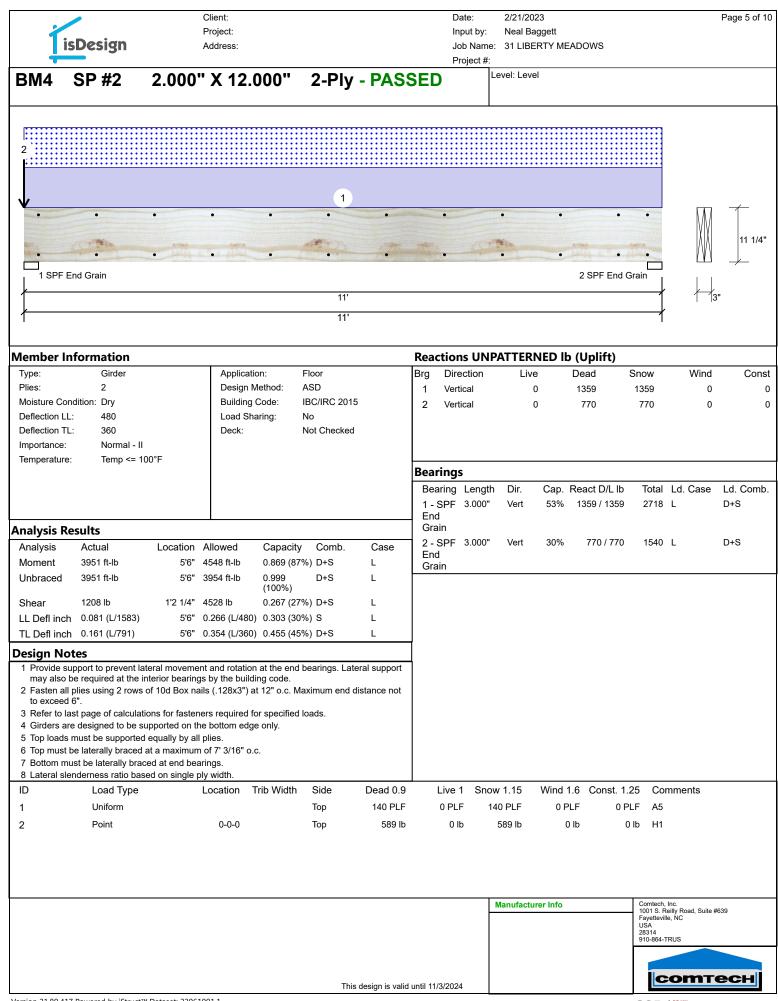
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Next Metric-S LVL         1.750" X 9.250"         2-Pily - PASSED         Level Level           Interf. Level         Interf. Level         Interf. Level         Interf. Level           Multi-Ply Analysis         Interf. Level         Interf. Level         Interf. Level           Radeo         Interf. Level         Interf. Level         Interf. Level         Interf. Level           Value Univerf. Taxa         Interf. Level         Interf. Level         Interf. Level         Interf. Level           Value Univerf. Taxa         Interf. Level         Interf. Level         Interf. Level         Interf. Level           Value Univerf. Taxa         Interf. Level         Interf. Level         Interf. Level         Interf. Level           Value Univerf. Taxa         Interf. Level         Interf. Level         Interf. Level         Interf. Level	LieDosign		-		
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Note:     Analysis       Factor all plics using 3 rows of 10d Box nails (128/3°) at 12° o.c Maximum end distance not to exceed 6°.       Signary       Web Linkiper Factor       2024 PUF       Multi-PUP Analysis       Factor all plics using 3 rows of 10d Box nails (128/3°) at 12° o.c Maximum end distance not to exceed 6°.       Signary       Web Linkiper Factor       2024 PUF       Multi-PUP Analysis       Factor all plics using 3 rows of 10d Box nails (128/3°) at 12° o.c Maximum end distance not to exceed 6°.       Signary       Web Linkiper Factor       2024 PUF       Multi-PUP Analysis       Factor all plics using 3 rows of 10d Box nails (128/3°) at 12° o.c Maximum end distance not to exceed 6°.       Signary       Web Linkiper Factor       2024 PUF       Multi-PUP Analysis       Factor all plice using a row of 10d Box nails (128/3°) at 12° o.c       Multi-PUP Analysis       Factor all plice using a row of 10d Box nails (128/3°) at 12° o.c.       Multi-PUP Analysis       Factor all plice using a row of 10d Box nails (128/3°) at 12° o.c.       Multi-PUP Analysis       Factor all plice using a row of 10d Box nails (128/3°) at 12° o.c.       Multi-PUP Analysis       Factor all plice using a row of 10d Box nails (128/3°) at 12° o.c.       Multi-PUP Analysis       Factor all plice using a row of 10d Box nails	BM1 Kerto-S I VI	1 750" X 9 250"			
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Bit2*       Bit2*         Multi-Ply Analysis         Fasten all plies using 3 rows of 10d Box nails (128x3*) at 12* o.c. Maximum end distance not to exceed 6*.         Coparity       207.0 PLF         Model Lingter Fastener       94.10.         Model Distance       11.2*         Model Distance       95.2         Distance       11.2*         Model Distance       11.5*	• •	• •	• •	• •	
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Multi-Ply Analysis         Fasten all plies using 3 rows of 10d Box nails (128x3") at 12" o.c Maximum end distance not to exceed 6".         Capacity       73.3 %         Weid Limit per Food       222.4 PUF         Weid Limit per Food       72.3 %         Viaid Limit per Food       222.4 PUF         Weid Limit per Food       9.6         Diago Diamone       3°         Scalad Company       0.6         Diago Diamone       3°         Scalad Company       1.15	/ <u>/</u>	8	' 1/2"		
Multi-Ply Analysis         Fasten all plies using 3 rows of 10d Box nails (128x3") at 12" o.c. Maximum end distance not to exceed 6".         Capacity       73.3 %         Load       207.0 PLF         Weld Ling Per Foot       282.4 PLF         Weld Ling Per Foot       28.4 PLF         Machine Distance       11"         Daradom Factor       1.15	¢				
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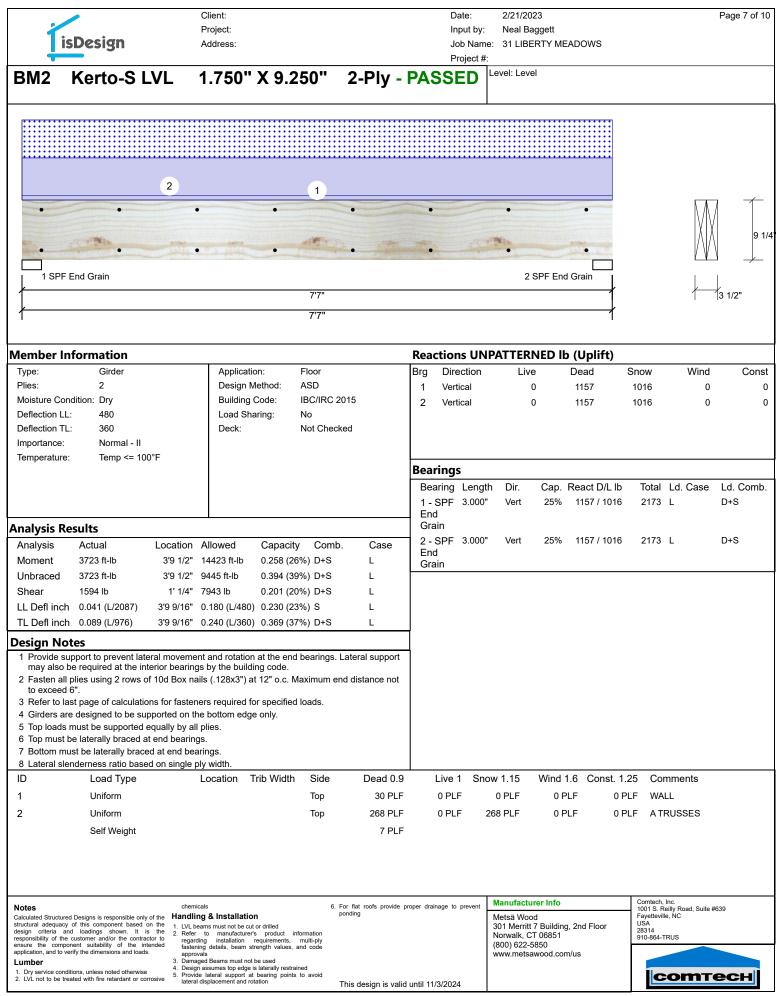
Version 21.80.417 Powered by iStruct<sup>™</sup> Dataset: 22061001.1

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application, and to	mponent suitability of the inte o verify the dimensions and loads.	app	tening details, beam strength values, and code provals maged Beams must not be used			(800) 622-5850 www.metsawood.com/us	
Lumber 1. Dry service co	onditions, unless noted otherwise	4. Des 5. Pro	sign assumes top edge is laterally restrained vide lateral support at bearing points to avoid				соттесн
<ol> <li>∠. LVL not to be</li> </ol>	treated with fire retardant or corre	late	ral displacement and rotation	This design is valid	until 11/2/2021	1	

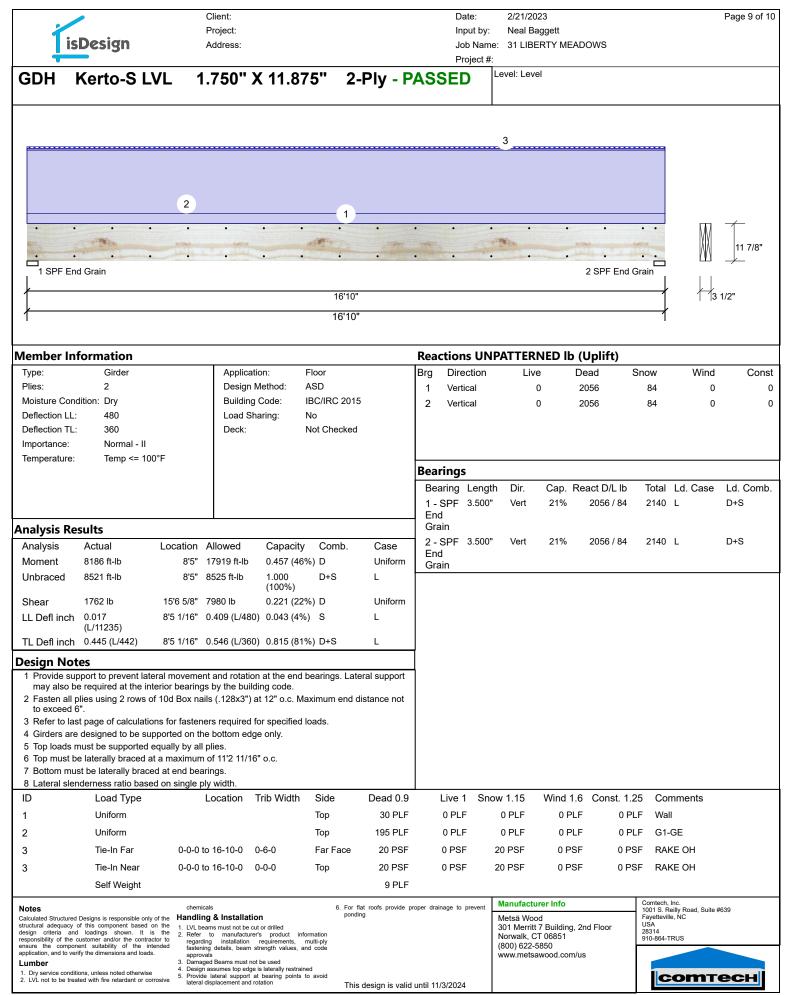
This design is valid until 11/3/2024



			Client:				Date:	2/21/2023	Page 6 of 10
1	isDesign		Project: Address:					Neal Baggett 2: 31 LIBERTY MEADOWS	
BM4	SP #2	2.000"	X 12.0	00" 2-	Ply -	PASSED	Project #:	Level: Level	
•	•	•	•	•	•	•	•	• • •	• 1/2"
	•	•	•	•	•	•	•		• • • • • • • • • • • • • • • • • • • •
1 SP	PF End Grain							2 SPF End C	Grain
					11' 11'				/ _/ <sub>3"</sub>
Fasten al	<b>y Analysis</b> I plies using 2 r		ox nails (.1	28x3") at 12"	' o.c N	laximum end o	distance no	ot to exceed 6".	
Capacity Load		0.0 % 0.0 PLF							
Yield Limit p Yield Limit p	per Fastener	202.6 PLF 101.3 lb.							
Yield Mode Edge Distar	nce	IV 1 1/2"							
Min. End Di Load Combi		3"							
Duration Fa	ctor	1.00							
							Г	Manufacturor Info	Contect Inc
							-	Manufacturer Info	Comtech, Inc. 1001 S. Reilly Road, Suite #639 Fayetteville, NC
									USA 28314 910-864-TRUS
					This d	esign is valid until 11/	3/2024		соттесн



		Client:	Date:	2/21/2023	Page 8 of 10
2		Project:	Input by		
	isDesign	Address:	Job Na	me: 31 LIBERTY MEADOWS	
			Project		
BM2	Kerto-S LVL	. 1.750" X 9.250"	2-Ply - PASSED	Level: Level	
			-		
				1	
•	•	• •	• •	• •	2
					₽ 1/4
•	•	• •	• •	• •	<u> </u>
1 SI	PF End Grain			2 SPF End Grain	
1		7'7"			<b>3 1/2</b> "
1		7'7"		ł	
Multi-Pl	y Analysis				
-		10d Box nails (.128x3") at 12"	o.c. Maximum end distance	not to exceed 6"	
Capacity	0.0				
Load	0.0	PLF			
Yield Limit p Yield Limit p		3.7 PLF 9 lb.			
Yield Limit p		9 10.			
Edge Distan	nce 11	/2"			
Min. End Dis Load Combi					
Duration Fac		0			
Notes			6. For flat roofs provide proper drainage to prevent		Comtech, Inc. 1001 S. Reilly Road, Suite #639
structural adequ	uacy of this component based on the	Handling & Installation 1. LVL beams must not be cut or drilled	ponding	Metsä Wood 301 Merritt 7 Building, 2nd Floor	Fayetteville, NC USA
design criteria responsibility of	a and loadings shown. It is the f the customer and/or the contractor to	<ol> <li>Refer to manufacturer's product information regarding installation requirements, multi-ply</li> </ol>		Norwalk, CT 06851 (800) 622-5850	28314 910-864-TRUS
application, and	component suitability of the intended d to verify the dimensions and loads.	fastening details, beam strength values, and code approvals 3. Damaged Beams must not be used		(800) 622-5850 www.metsawood.com/us	
	conditions, unless noted otherwise	<ol> <li>Design assumes top edge is laterally restrained</li> <li>Provide lateral support at bearing points to avoid</li> </ol>			соттесн
<ol> <li>LVL not to b</li> </ol>	be treated with fire retardant or corrosive	lateral displacement and rotation	This design is valid until 11/3/2024		



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isDesign	Client: Project: Address:			Date: Input by: Job Name: Project #:	2/21/2023 Neal Baggett 31 LIBERTY MEADOWS	Page 10 of
GDH Kerto-S L\	/L 1.750")	X 11.875"	2-Ply - PASSI		evel: Level	
· · · · ·	· · ·	• •	• • •	•••	· · ·	· · · · · · · · · · · · · · · · · · ·
1 SPF End Grain					2 SPF End	Grain //
			16'10"			<b>1</b> 3 1/2"
1			16'10"			1
Multi-Ply Analysis						
Fasten all plies using 2 rows	s of 10d Box nails (	.128x3") at 12"	o.c., Maximum end dis	tance no	t to exceed 6".	
Capacity	5.3 %	,				
Load Yield Limit per Foot	10.0 PLF 188.3 PLF					
Yield Limit per Fastener	94.1 lb.					
Yield Mode Edge Distance	IV 1 1/2"					
Min. End Distance	3"					
Load Combination	D+S					
Duration Factor	1.15					
					Manufacturor Info	Comtech Inc
Notes	chemicals f the Handling & Installati	on	<ol><li>For flat roofs provide proper drainage ponding</li></ol>	e to prevent	Manufacturer Info Metsä Wood	Comtech, Inc. 1001 S. Reilly Road, Suite #639 Fayetteville, NC
Calculated Structured Designs is responsible only or structural adequacy of this component based on design criteria and loadings shown. It is	the 1. LVL beams must not be c	ut or drilled	-		301 Merritt 7 Building, 2nd Floor	USA 28314
responsibility of the customer and/or the contractor ensure the component suitability of the inter-	or to regarding installation	er's product information requirements, multi-ply strength values, and code			Norwalk, CT 06851 (800) 622-5850	910-864-TRUS
application, and to verify the dimensions and loads. Lumber	approvals 3. Damaged Beams must no	ot be used			www.metsawood.com/us	
1. Dry service conditions, unless noted otherwise	<ol> <li>Design assumes top edge</li> <li>Provide lateral support</li> </ol>	e is laterally restrained at bearing points to avoid				соттесн
2. LVL not to be treated with fire retardant or corro	lateral displacement and	rotation	This design is valid until 11/3/2	024		