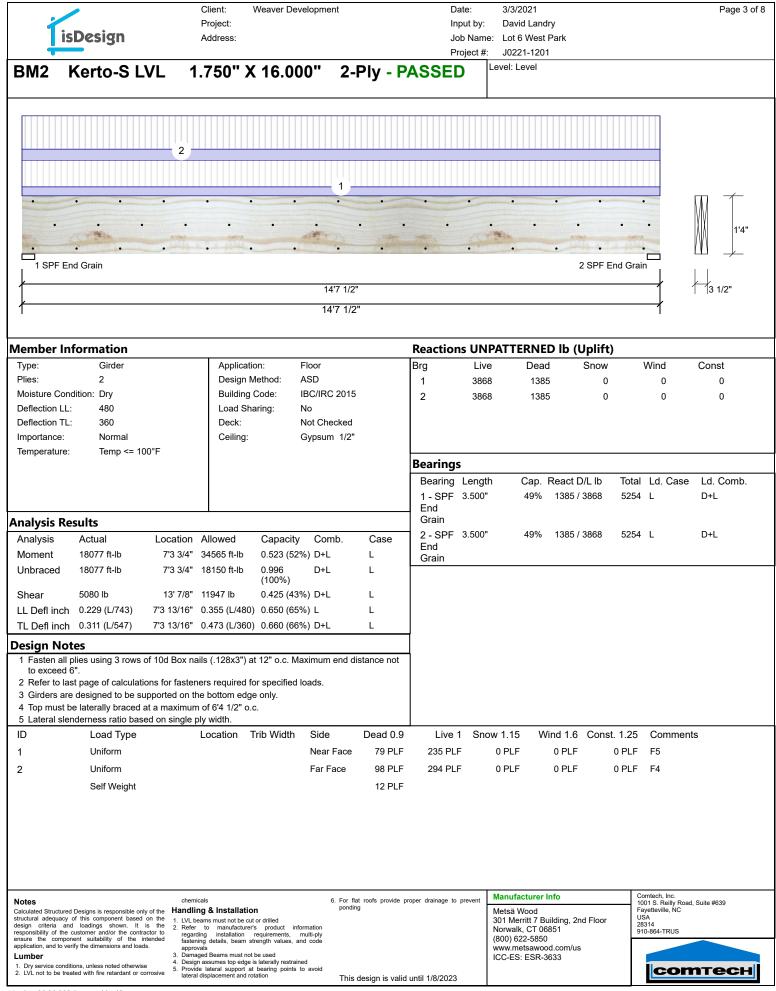


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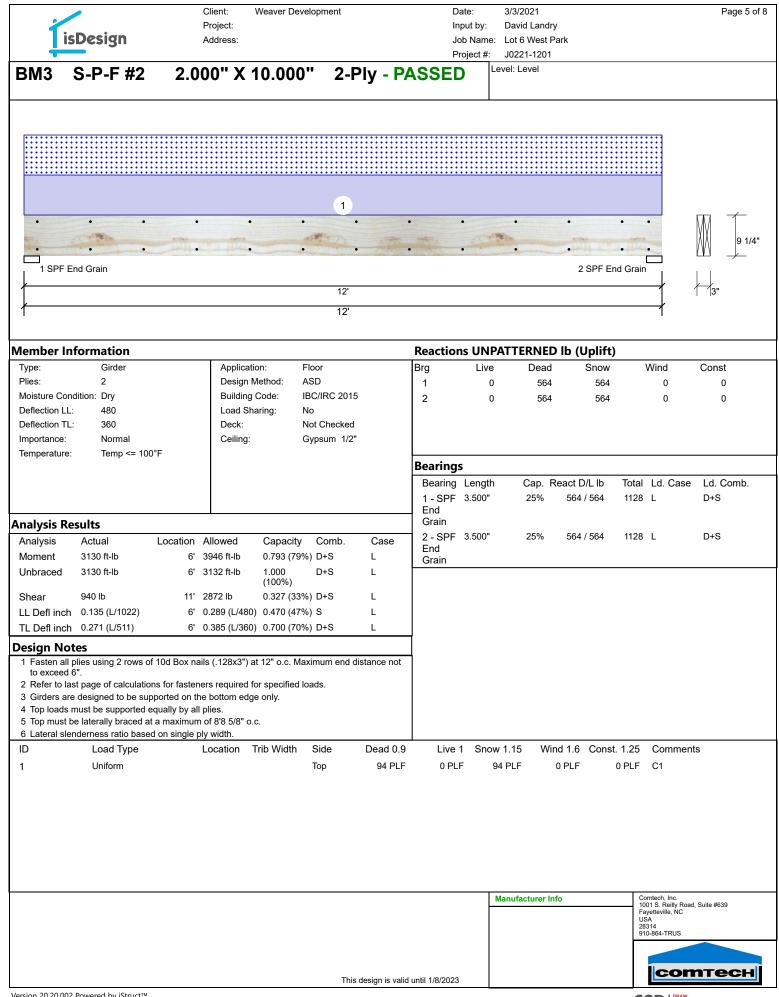
-	Client: Weaver Developme	ent Date:	3/3/2021	Page 2 of 8
	Project:	Input by	: David Landry	
isDesign	Address:	Job Nar		
		Project		
BM1 Kerto-S LVL	1.750" X 16.000"	2-Ply - PASSED	Level: Level	
		-		
	• • •	• • •	•••	
			• 1/2"	1'4"
			\overline{v}	M 14
	• • •	• • •		
1 SPF			2 SPF //	
¢	11'11"		/	3 1/2"
<u>,</u>				
I	11'11"		Ι	
Multi-Ply Analysis				
Fasten all plies using 3 rows of 10)d Box nails (.128x3") at 12"	o.c Maximum end distance	not to exceed 6"	
Capacity 0.0 %				
Load 0.0 PL				
Yield Limit per Foot 245.6				
Yield Limit per Fastener 81.9 lb Yield Mode IV	5.			
Edge Distance 1 1/2"				
Min. End Distance 3"				
Load Combination Duration Factor 1.00				
Notoo	chemicals	6. For flat roofs provide proper drainage to prevent	Manufacturer Info	Comtech, Inc.
Calculated Structured Designs is responsible only of the Hai	ndling & Installation	 For flat roots provide proper drainage to prevent ponding 	Metsä Wood	1001 S. Reilly Road, Suite #639 Fayetteville, NC
structural adequacy of this component based on the 1. L design criteria and loadings shown. It is the 2 c	LVL beams must not be cut or drilled Refer to manufacturer's product information		301 Merritt 7 Building, 2nd Floor Norwalk, CT 06851	USA 28314 910-864-TRUS
ensure the component suitability of the intended f	regarding installation requirements, multi-ply fastening details, beam strength values, and code		(800) 622-5850	510-004-11/03
Lumber 3. [approvals Damaged Beams must not be used Design assumes top edge is laterally restrained		www.metsawood.com/us ICC-ES: ESR-3633	
Dry service conditions, unless noted otherwise 5. F	Provide lateral support at bearing points to avoid lateral displacement and rotation	This design is valid until 1/0/2022		соттесн
		This design is valid until 1/8/2023		
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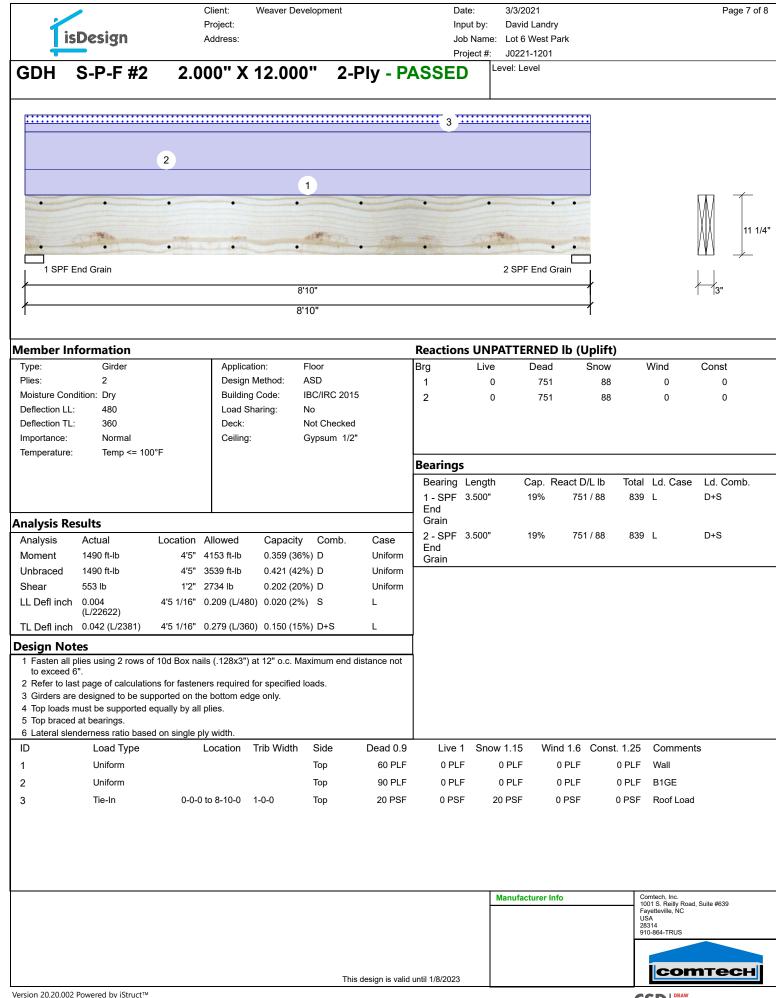
			Client:	Weaver Developm	ient	Date	e:	3/3/2021	Page 4 of 8
			Project:			Inpu	ut by:	David Landry	-
	isDesign		Address:			Job	Name	Lot 6 West Park	
-						Proj	ject #:	J0221-1201	
BM2	Kerto-S		1 750"	X 16.000"	2_Plv		L	evel: Level	
	Nerto-5		1.750	X 10.000	Z -1 1 y				
•	• •	•	•	• •	• •	•	•	• • •	
•	•	•	• •	• •	•	• •	•	• •	· ·
		•	•			•	•		• <u> </u>
	F End Grain							2 SPF E	
								2011	
					14'7 1/2"				3 1/2"
					4'7 1/2"				
					4/ 1/2				I
Multi-Pl	y Analysis								
		rows of 1	Od Boy pails	(.128x3") at 12"	o c Mavim	um and distand	co no	t to avcoad 6"	
Capacity	i piles using 5	79.8		(.12003) at 12			ce no		
Load) PLF						
Yield Limit p	er Foot		6 PLF						
Yield Limit p	er Fastener	81.9	lb.						
Yield Mode		IV							
Edge Distan Min. End Dis		1 1/2 3"							
Load Combi		5 D+L							
Duration Fac		1.00							
							. 1	Manufacturer Info	Comtech, Inc.
Notes Calculated Strue	ctured Designs is responsib	le only of the H	chemicals andling & Installa	tion	For flat roofs pro ponding	ovide proper drainage to pre	eveni	Metsä Wood	1001 S. Reilly Road, Suite #639 Fayetteville, NC
structural adeque design criteria	uacy of this component ba and loadings shown.	ased on the 1.	LVL beams must not be	cut or drilled				301 Merritt 7 Building, 2nd Floor	USA 28314
responsibility of ensure the co	f the customer and/or the omponent suitability of t	contractor to he intended	regarding installation	rer's product information requirements, multi-ply n strength values, and code				Norwalk, CT 06851 (800) 622-5850	910-864-TRUS
application, and Lumber	to verify the dimensions and	d loads.	approvals Damaged Beams must					www.metsawood.com/us	
1. Dry service	conditions, unless noted oth	erwise 4.	Design assumes top ed Provide lateral suppor	ge is laterally restrained t at bearing points to avoid				ICC-ES: ESR-3633	соттесн
2. LVL not to b	be treated with fire retardant	ur corrosive	lateral displacement an	d rotation	This design is	valid until 1/8/2023			Contech
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		Client	: Weave	er Developme	ent		Date:	3/3/2021		F	Page 6 of 8
· 7	- De siene	Projec	ot:	-			Input by:	David Landry			C
	isDesign	Addre	SS:					Lot 6 West Park J0221-1201			
BM3	S-P-F #2	2 2.000"	Y 10 (2 DIv	DACC	Project #:	JU221-1201 evel: Level			
DIVIJ	З-Г- Г #/	2 2.000	× 10.0	100	Z-FIy	- PASC					
•	•	• •	•	•	•	•	•	• •	• •	₩ 1 2	
										5	9 1/4"
	•	• •	•	•	•	•	٠	• •	••-	<u></u> ₩	
1 SPF	F End Grain								2 SPF End Grain		
1					12'					1 3"	
ł					12'						
Multi-Ply	/ Analysis										
	plies using 2 r	ows of 10d Box n	ails (.128x	3") at 12"	o.c Maxir	mum end o	distance not	to exceed 6"			
Capacity Load		0.0 % 0.0 PLF									
rield Limit pe	∍r Foot	157.4 PLF									
rield Limit pe	er Fastener	78.7 lb.									
∕ield Mode Edge Distanc	ce	IV 1 1/2"									
Min. End Dist		3"									
_oad Combin											
Duration Fact	tor	1.00									

Manufacturer Info	Comtech, Inc. 1001 S. Reilly Road, Suite #639 Fayetteville, NC USA 28314 910-864-TRUS
	соттесн



	Client: Project:	Weaver Developmen	t	Date: Input by:	3/3/2021 David Landry	Page 8 of 8
isDesign	Address:			Job Name:	Lot 6 West Park	
GDH S-P-F #2	2 000" X	12.000"	2-Ply - PASSI	Project #:	J0221-1201 evel: Level	
	2.000 X	12.000	2-1 ly - 1 A001			
• •	• •	•	• •	•	» ۱	\mathbf{M} 1
					11/2"	11 1/4"
•••	• •	•	• •	•		
1 SPF End Grain		014.01			2 SPF End Grain	
		8'10" 8'10"				3"
		010			,	
Multi-Ply Analysis						
Fasten all plies using 2 row		(.128x3") at 12" o	.c Maximum end dis	stance no	t to exceed 6"	
Capacity Load	0.0 % 0.0 PLF					
Yield Limit per Foot Yield Limit per Fastener	157.4 PLF 78.7 lb.					
Yield Mode Edge Distance	IV 1 1/2"					
Min. End Distance	3"					
Load Combination Duration Factor	1.00					
				-		
					Manufacturer Info	Comtech, Inc. 1001 S. Reilly Road, Suite #639 Fayetteville, NC
						USA 28314 910-864-TRUS
			This design is valid until 1/8/2	023		соттесн