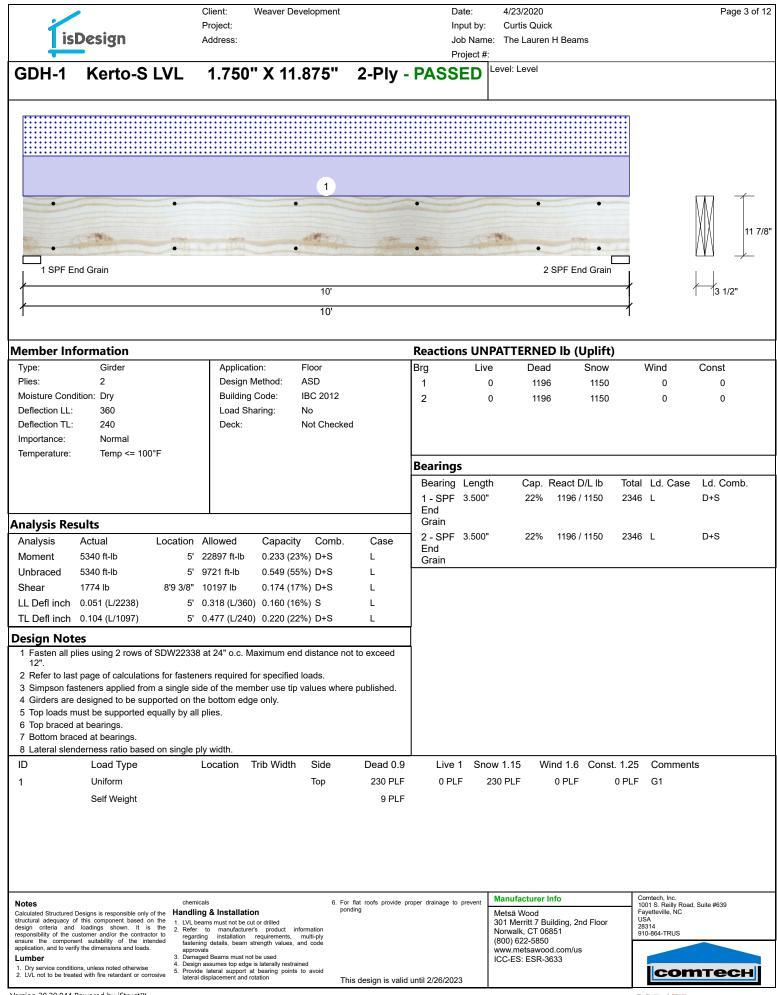
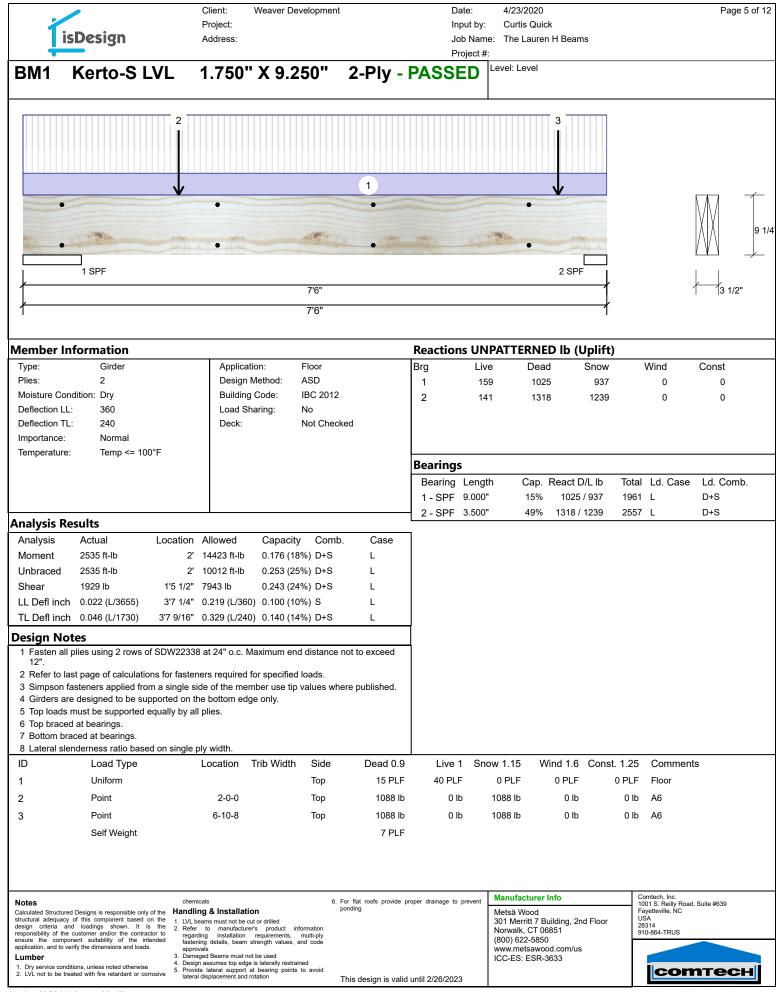
	Design	Address:	Job Name: The Lauren H Beams Project #: Level: Level Level: Level
BDH	Kerto-S LVL	1.750" X 14.000" 2-Ply	
- - 1 SPF End	e e e e e e e e e e e e e e e e e e e		2 SPF End Grain
		18'10"	3 1/2"
<u> </u>		18'10"	
	formation		Reactions UNPATTERNED lb (Uplift)
ype: Plies: Aoisture Cond Deflection LL: Deflection TL: mportance:	360 240 Normal	Application:FloorDesign Method:ASDBuilding Code:IBC 2012Load Sharing:NoDeck:Not Checked	Brg Live Dead Snow Wind Const 1 0 2457 0 0 0 2 0 2457 0 0 0
emperature:	Temp <= 100°F		Bearings
			Bearing Length Cap. React D/L lb Total Ld. Case Ld. Comb. 1 - SPF 3.500" 23% 2457 / 0 2457 Uniform D End
halysis Re Analysis		cation Allowed Capacity Comb. Ca	Grain se 2 - SPF 3.500" 23% 2457 / 0 2457 Uniform D
Aoment Jobraced Shear	11011 ft-lb 11011 ft-lb	9'5" 24299 ft-lb 0.453 (45%) D Un 9'5" 11013 ft-lb 1.000 D Un (100%)	iform Grain
	0.000 (L/999) 0.444 (L/497) 9'5	0 999.000 (L/0) 0.000 (0%) 5 1/16" 0.919 (L/240) 0.480 (48%) D Ur	iform
esign Not		5 110 0.515 (1240) 0.400 (40%) D 01	
12". 2 Refer to las 3 Simpson fa 4 Girders are 5 Top loads n 6 Top must b 7 Bottom bra 3 Lateral sler	t page of calculations fo steners applied from a s designed to be support nust be supported equal e laterally braced at a m ced at bearings. hderness ratio based on	aximum of 9'7 1/2" o.c. single ply width.	ned.
D	Load Type Uniform		d 0.9 Live 1 Snow 1.15 Wind 1.6 Const. 1.25 Comments 0 PLF 0 PLF 0 PLF 0 PLF 0 PLF
	Self Weight		1 PLF
otes	Designs is responsible only of the of this component based on the loadings shown. It is the		provide proper drainage to prevent Metsä Wood 301 Merritt 7 Building, 2nd Floor 28314

CSD DESIGN

	-		Client:	Weaver Developm	ent	Date	e:	4/23/2020	Page 2 of 12
	LiaDasia		Project:				ut by:	Curtis Quick	
	isDesig	n	Address:					The Lauren H Beams	
		0.1.7	4 = = 0 !!	<u> </u>			ject #:	evel: Level	
GDF	i Kerto	-S LVL	1.750	X 14.000"	2-Piy	PASSED			
									-
•	•		•	• •	•	•		• •	· [] [] [] [] [] [] [] [] [] [] [] [] []
	•	•	•	•	•	•	•	• •	• 1'2"
	•		•	• •	•	•		• • •	
15	PF End Grain							2 SPF End (
					18'10"				3 1/2"
/					18'10"				
Multi	Ply Analysis								
		2			مثام اممد مد			100	
Capacity			SDVV22336 a	t 24" o.c Maxim	ium ena aist	ance not to ex	ceeu	12	
Load) PLF						
	it per Foot		2.5 PLF						
Yield Lim	it per Fastener de		5.0 lb. okup						
Edge Dist			1/2"						
Min. End		6"							
Load Con Duration		1.0	0						
Notes			chemicals		6. For flat roofs prov	vide proper drainage to pro	event	Manufacturer Info	Comtech, Inc. 1001 S. Reilly Road, Suite #639
Calculated S	Structured Designs is respondent	onsible only of the ent based on the	Handling & Installa		ponding			Metsä Wood 301 Merritt 7 Building, 2nd Floor	Fayetteville, NC USA
design crit responsibilit	teria and loadings she ty of the customer and/or	the contractor to	2. Refer to manufact	e cut or drilled turer's product information n requirements, multi-ply			1	Norwalk, CT 06851	28314 910-864-TRUS
ensure the application,	 component suitability and to verify the dimension 	of the intended	fastening details, bea approvals	m strength values, and code			,	(800) 622-5850 www.metsawood.com/us	
	vice conditions, unless note			t not be used dge is laterally restrained rt at bearing points to avoid				ICC-ES: ESR-3633	
	to be treated with fire reta		 Provide lateral support lateral displacement ar 	nd rotation	This design is	valid until 2/26/2023			сотесн



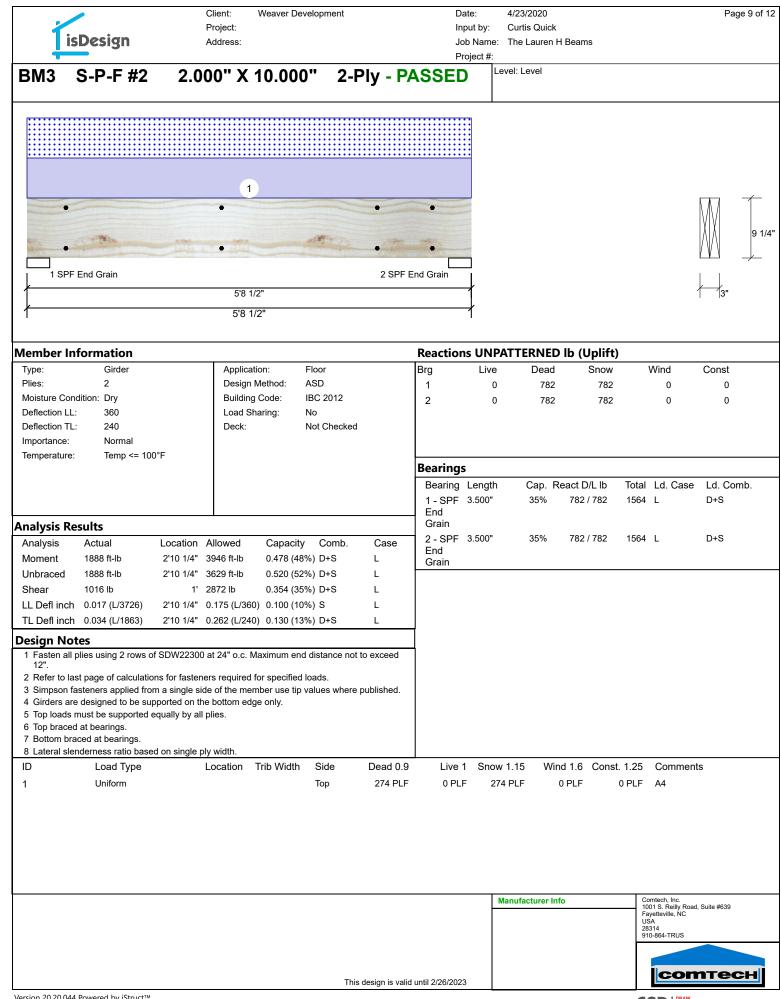
	•	Client: W Project:	eaver Development	Date Inpu	e: 4/23/2020 It by: Curtis Quick	Page 4 of 12
isl	Design	Address:			Name: The Lauren H Beams ect #:	
GDH-1	Kerto-S LV	/L 1.750"	X 11.875"	2-Ply - PASSE		
•		•	•	٠	• •	
		_	_			
1 SPF Er	nd Grain	•	•	•	• • • L 2 SPF End Grain	
<i>r</i>			10'			3 1/2"
/			10'			4
Multi-Ply Ar	nalvsis					
Fasten all plie	es using 2 rows of		<u>' o.c Ma</u> ximum	end distance not to ex	ceed 12"	
Capacity Load) %) PLF				
Yield Limit per Fo Yield Limit per Fa		5.0 PLF 5.0 lb.				
Yield Mode	Lo	okup				
Edge Distance Min. End Distanc		/2"				
Load Combinatio	'n					
Duration Factor	1.0	00				
					Manufacturer Info	Comtech, Inc.
Notes Calculated Structured E	Designs is responsible only of the	chemicals Handling & Installation	6. F	or flat roofs provide proper drainage to pro onding	Manufacturer Info Metsä Wood	1001 S. Reilly Road, Suite #639 Fayetteville, NC
structural adequacy of design criteria and	f this component based on the loadings shown. It is the	1. LVL beams must not be cut or 2. Refer to manufacturer's	product information		301 Merritt 7 Building, 2nd Floor Norwalk, CT 06851	USA 28314 910-864-TRUS
ensure the compone	ustomer and/or the contractor to ent suitability of the intended by the dimensions and loads.	regarding installation req fastening details, beam stren approvals	uirements. multi-plv		(800) 622-5850 www.metsawood.com/us	
Lumber	, ons, unless noted otherwise	 Damaged Beams must not be Design assumes top edge is la 	terally restrained		ICC-ES: ESR-3633	
2. LVL not to be treate	ed with fire retardant or corrosive	 Provide lateral support at be lateral displacement and rotation 		his design is valid until 2/26/2023		соттесн



New Number of Social Constraints Numer of Social	1	Client: Weaver Developm	ent Date:	4/23/2020	Page 6 of 12
		Project:			
BM1 Kerto-S LVL 1.750" X 9.250" 2.Ply - PASSED Level.Level	isDesign	Address:			
Built Vertuo-S LVL 1.730 X 3.230 2-Pry - PASSED Image: State of the state of					
Network Andrew Market Mark	BM1 Kerto-S LVL	1.750" X 9.250"	2-Ply - PASSED	Level: Level	
NUM Num <th></th> <th></th> <th>-</th> <th></th> <th></th>			-		
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Network Support 2 SPF 4 Support 2 SPF 4 Support 4 Support 78° 78° 78° 78° 78° 78° 78° Whit-Ply Analysis Support 78° 78° 78° 78° Water and place using 2 rows of SDW22338 at 24° o.c. Maximum end distance not to exceed 12° 78° 78° 78° Water and place using 2 rows of SDW22338 at 24° o.c. Maximum end distance not to exceed 12° 78° 78° Ted Lint per foot 255 0.b 78° 78° Ted Lint per foot 1.9° 78° 78° Ted Mathematic Practice 1.9° 1.9° 78° Ted Mathematic Practice 1.9° 1.9° 1.9° Ted Mathematic Practice 1.9° <th>•</th> <th>•</th> <th>•</th> <th>•</th> <th>- 1</th>	•	•	•	•	- 1
Network Support 2 SPF 4 Support 2 SPF 4 Support 4 Support 78° 78° 78° 78° 78° 78° 78° Whit-Ply Analysis Support 78° 78° 78° 78° Water and place using 2 rows of SDW22338 at 24° o.c. Maximum end distance not to exceed 12° 78° 78° 78° Water and place using 2 rows of SDW22338 at 24° o.c. Maximum end distance not to exceed 12° 78° 78° Ted Lint per foot 255 0.b 78° 78° Ted Lint per foot 1.9° 78° 78° Ted Mathematic Practice 1.9° 1.9° 78° Ted Mathematic Practice 1.9° 1.9° 1.9° Ted Mathematic Practice 1.9° <th></th> <th></th> <th></th> <th></th> <th>2 / / </th>					2 / /
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Network					Λ
Network	1 SPF			2 SPF	
Number Properties Search all piles using 2 rows of SDW22338 at 24° o.c. Maximum end distance not to exceed 12°. Sarch all piles using 2 rows of SDW22338 at 24° o.c. Maximum end distance not to exceed 12°. Sarch all piles using 2 rows of SDW22338 at 24° o.c. Maximum end distance not to exceed 12°. Sarch all piles using 2 rows of SDW22338 at 24° o.c. Maximum end distance not to exceed 12°. Sarch all piles using 2 rows of SDW22338 at 24° o.c. Maximum end distance not to exceed 12°. Sarch all piles using 2 rows of SDW22338 at 24° o.c. Maximum end distance not to exceed 12°. Sarch all piles using 2 rows of SDW22338 at 24° o.c. Maximum end distance not to exceed 12°. Sarch all piles using 2 rows of SDW22338 at 24° o.c. Maximum end distance not to exceed 12°. Sarch all piles using 2 rows of SDW22338 at 24° o.c. Maximum end distance not to exceed 12°. Sarch all piles using 2 rows of SDW22338 at 24° o.c. Maximum end distance not to exceed 12°. Sarch all piles using 2 rows of SDW22338 at 24° o.c. Maximum end distance not to exceed 12°. Sarch all piles using 2 rows of SDW22338 at 24° o.c. Maximum end distance not to exceed 12°. Sarch all piles using 2 rows of SDW22338 at 24° o.c. Maximum end distance not to exceed 12°. Sarch all piles using 2 rows of SDW2338 at 24° o.c. Maximum end distance not to exceed 12°. Sarch all piles using 2 rows of SDW2338 at 24° o.c. Maximum end distance not to exceed 12°. Sarch all piles using 2 rows of SDW2348 at 25°.	1.	7'6"		1	ິ ິ 3 1/2"
Rate all plies using 2 rows of SDW22338 at 24" o.c. Maximum end distance not to exceed 12" Spacing 0.9 PL F Ling Long Top F foot 250 PL F Ling Long Top F foot 250 PL F Ling Long Top F foot 250 PL F Ling Dotation 0 6" Diago Dotation 0 100	ſ	7'6"		ť	
Rate all plies using 2 rows of SDW22338 at 24" o.c. Maximum end distance not to exceed 12" Spacing 0.9 PL F Ling Long Top F foot 250 PL F Ling Long Top F foot 250 PL F Ling Long Top F foot 250 PL F Ling Dotation 0 6" Diago Dotation 0 100					
Rate all plies using 2 rows of SDW22338 at 24" o.c. Maximum end distance not to exceed 12" Spacing 0.9 PL F Ling Long Top F foot 250 PL F Ling Long Top F foot 250 PL F Ling Long Top F foot 250 PL F Ling Dotation 0 6" Diago Dotation 0 100	Multi Dhu Amahasia				
Support 0.0 % Support 0.0 PLF Vield Linit per Foot 255.0 PLF Vield Mode Lookup Vield Mode 0.0 kurste 68 Distance 6" ad Combination """"""""""""""""""""""""""""""""""""					
cad 0.0 PLF fed Linit per Fastoner 255.0 PLF ide Linit per Fastoner 255.0 PLF ide Distance 102 ide Linit per Fastoner 102			num end distance not to excee	d 12"	
Indel Lamit per Food 265.0 FLF Indel Lamit per Food Lockup Sige Distance 0 Sige Distance 0 Machiner 0 Tantano Factor 10 Name Name Distance 0 Name Name Distance 0 Sige Distance 0 Name 0 Sige Distance 0 Name 0 Sige Distance 0 Name 0 Sige Distance					
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Idel Modé Lockup Géo Delance 6 ad Combination 9 Date of Factor 1.01					
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Nets Currents Currents E. For fat roots provids proper dramage to prover dramage to prover provide more dramage to pro					
Notes Chemicals 6. For flat roots provide proper drainage to prevent ponding Metalelistic Metalelistic Calculated Structured Designs is responsible only of the sustment adequacy of this component based on the responsibility of the customer and/or the contractor to ensure the component suitability of the interned to ensure the component suitability of the interned to the verify the dimensions and loadings. 1. UV beams must not be cut or drilled 6. For flat roots provide proper drainage to prevent ponding MetaleWood 1001 S. Reilly Road, Suite #639 Fayetterille, NC USA 2814 301 Merritt 7 Building, 2nd Floor USA Norwalk, CT 06851 (800) 622-5850 www.metsawood.com/us 10-864-TRUS 1. Dys service conditions, unless noted otherwise 3. Damaged Beams must not be used 4. Design assumes top degis is laterally restrained 5. Dering roots provide proper drainage to prevent ponding Www.metsawood.com/us 2. UV not to be treadet with fire relaridant or corrorsing 3. Damaged Beams must not be used 4. Design assumes top degis is laterally restrained 5. Dering roots provide proper drainage to prevent ponding Www.metsawood.com/us 2. UV not to be treadet with fire relaridant or corrorsing 5. Design assumes top degis is laterally restrained 5. Design assumes top degis is laterally restrained 5. Design assumes top degis is laterally restrained 5. Design assumes top degis laterally restrained 5. Design assumes top degis laterally restrained 5. Design assumes top degis laterally restrained					
	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 suitability of the intended application, and to verify the dimensions and loads. Lumber 3 1. Dry service conditions, unless noted otherwise 4	Andling & Installation . UV. beams must not be cut or drilled . Refer to manufacturer's product information regarding installation requirements, multi-ply fastening details, beam strength values, and code approvals . Damaged Beams must not be used . Design assumes top edge is laterally restrained . Provide lateral support at bearing points to avoid	 For flat roofs provide proper drainage to prevent ponding This design is valid until 2/26/2023 	Metsä Wood 301 Merritt 7 Building, 2nd Floor Norwalk, CT 06851 (800) 622-5850 www.metsawood.com/us	1001 S. Reilly Road, Suite #639 Fayettevalle, NC USA 28314 910-864-TRUS

Ťi	isDesign	Proj Add		aver Developm				Curtis Quick The Lauren H E	Beams			
3M2	Kerto-S LV	/L 1.	750" X	9.250"	2-Ply -		roject #: ED	vel: Level				
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•					-							MM I
	Contration of the second	Minere		all the	the off	-						9 1
1 SP	F End Grain				2 SPF End G	rain						
			5'4"									3 1/2"
I			5'4"			1						
ember I	nformation					Reaction	ns UNPA	TTERNED I	-			
ype: Plies:	Girder 2		Application: Design Meth	Floor nod: ASD		Brg 1	Live 0	Dead 1659	Snow 1640	١	Vind 0	Const 0
	ondition: Dry		Building Cod		012	2	0	1659	1640		0	0
Deflection L			Load Sharin	•								
eflection T nportance:			Deck:	Not CI	necked							
emperature		-										
•						Bearing	S					
						Bearing	Length	Cap. Rea	ict D/L lb	Total	Ld. Case	Ld. Comb.
						1 - SPF	3.500"	31% 16	59 / 1640	3299	L	D+S
						End Grain						
nalysis R Analysis		_ocation Allo	wed C	apacity Co	omb. Case	2 - SPF	3.500"	31% 16	59 / 1640	3299	L	D+S
Noment	3675 ft-lb			.255 (25%) D+		End						
Jnbraced	3675 ft-lb	2'8" 118		.311 (31%) D+		Grain						
Shear	2062 lb	4'4" 794	3 lb 0	.260 (26%) D+	S L							
L Defl inc	h 0.023 (L/2497)	2'8" 0.16	62 (L/360) 0	.140 (14%) S	L							
L Defl inc	h 0.047 (L/1241)	2'8" 0.24	44 (L/240) 0	.190 (19%) D+	S L							
esign No	otes											
	Il plies using 2 rows of S	DW22338 at 2	4" o.c. Maxir	num end distar	nce not to exceed	7						
12". 2 Refer to I	ast page of calculations	for fasteners r	equired for s	pecified loads.								
	fasteners applied from a	-			where published.							
	re designed to be suppo s must be supported equ		-	ny.								
6 Top brace	ed at bearings.	,,,,										
	raced at bearings. lenderness ratio based o	on single ply w	idth									
D	Load Type			Width Sid	e Dead 0.9	D Live	1 Snow	1.15 Wind	1.6 Const	. 1.25	Comment	s
1	Uniform			Тор						0 PLF		
	Self Weight				7 PL	=						
					6. For flat roofs provide	proper drainage to	prevent Ma	anufacturer Info		Cor	ntech, Inc. 11 S. Reilly Road	Suite #620
lotes		chemicals								100	1 S. Relly Roau	, Suite #035
alculated Structur	red Designs is responsible only of th	he Handling &		illed	ponding			etsä Wood	a 2nd El		etteville, NC A	
tructural adequad esign criteria a esponsibility of th	cy of this component based on the and loadings shown. It is the se customer and/or the contractor t	the Handling & the 1. LVL beams m to regarding	nust not be cut or dr manufacturer's p	roduct information	ponding		30 No	1 Merritt 7 Buildin rwalk, CT 06851	g, 2nd Floor	US 283	A	
alculated Structur tructural adequad esign criteria a esponsibility of th nsure the com	cy of this component based on th	the Handling & 1. LVL beams m 2. Refer to regarding fastening del approvals	nust not be cut or di manufacturer's p installation requi tails, beam strengt	rements, multi-ply th values, and code	ponding		30 No (80	1 Merritt 7 Buildin	-	US 283	A 14	
alculated Structur ructural adequac esign criteria a sponsibility of th nsure the comp pplication, and to umber	cy of this component based on the and loadings shown. It is the customer and/or the contractor to ponent suitability of the intender	he Handling & 1. LVL beams m 2. Refer to regarding data approvals 3. Damaged Be 4. Design assur	nust not be cut or dr manufacturer's p installation requi tails, beam strengt ams must not be us mes top edge is late	rements, multi-ply th values, and code	ponding		30 No (80 WW	1 Merritt 7 Buildin orwalk, CT 06851 00) 622-5850	-	US 283	4 114 1-864-TRUS	птесн

isDesig	'n	Client: Weaver Develop Project: Address:	lı J		4/23/2020 Curtis Quick The Lauren H Beams	Page 8 of 12
BM2 Kerto	-S LVL	1.750" X 9.250	2-Ply - PASS	Project #: ED	evel: Level	
•		•	•	<1 1/2"		
•		•	•	-¥		9 1/
1 SPF End Grain			2 SPF End Grain	$\overline{\mathbf{\Lambda}}$		
		5'4"				3 1/2"
1		5'4"	1			
Multi-Ply Analysis						
Fasten all plies using Capacity	2 rows of SDV 0.0 %	W22338 at 24" o.c Maxii	mum end distance not to	exceed ?	12"	
Load Yield Limit per Foot	0.0 PLF 255.0 PI					
Yield Limit per Fastener	255.0 lb					
Yield Mode Edge Distance	Lookup 1 1/2"					
Min. End Distance	6"					
Load Combination Duration Factor	1.00					
Notes Calculated Structured Designs is resp structural adequacy of this compone	ensible only of the Hand	emicals Iling & Installation . beams must not be cut or drilled	 For flat roofs provide proper drainage to ponding 	N	lanufacturer Info letsä Wood 01 Merritt 7 Building, 2nd Floor	Comtech, Inc. 1001 S. Reilly Road, Suite #639 Fayetteville, NC USA
design criteria and loadings sh responsibility of the customer and/or ensure the component suitability application, and to verify the dimension	own. It is the 2. Ref region of the intended fast	fer to manufacturer's product informatio arding installation requirements, multi-pl tening details, beam strength values, and cod	v	N (8	lorwalk, CT 06851 300) 622-5850 ww.metsawood.com/us	28314 910-864-TRUS
Lumber Dry service conditions, unless note LVL not to be treated with fire retained	3. Dar 4. Des 5. Pro	rovals maged Beams must not be used sign assumes top edge is laterally restrained wide lateral support at bearing points to avoi rral displacement and rotation	^d This design is valid until 2/26/202	10	ww.metsawood.com/us CC-ES: ESR-3633	соттесн
Version 20 20 044 Powered by	C+ru c+TM		<u> </u>	1		



	Client: Weaver Dev	velopment	Date: 4/23/2020	Page 10 of 1
	Project:		Input by: Curtis Quick	
isDesign	Address:		Job Name: The Lauren H Beams	
			Project #: Level: Level	
BM3 S-P-F #2	2.000 × 10.000)" 2-Ply - PASSE		
•	•	• •	"2"	N/M/
			<1 1/2"	X X 9 1/4"
•	•	• • –		
1 SPF End Grain		ے 2 SPF End Grain		
	5'8 1/2"			3"
				J
	5'8 1/2"		I	
Multi-Ply Analysis				
	vs of SDW22300 at 24" o.c N	laximum end distance not to	o exceed 12"	
Capacity Load	0.0 % 0.0 PLF			
Yield Limit per Foot	255.0 PLF			
Yield Limit per Fastener	255.0 lb.			
Yield Mode Edge Distance	Lookup 1 1/2"			
Min. End Distance	6"			
Load Combination	°			
Duration Factor	1.00			
			Manufacturer Info	Comtech, Inc.
				1001 S. Reilly Road, Suite #639 Fayetteville, NC USA
				USA 28314 910-864-TRUS
		This design is valid until 2/26/2	2023	соттесн

	Design		ess:		Job Nar	ne: The Lauren	n H Beams		
	Kerto-S LV	L 1.7	50" X 9.25	0" 2-Ply	Project ;	#: Level: Level			
						:			
			1						
	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	•	-	***					9 1
1 SPF	End Grain		1994		2 SPF End Grain				
			6' 6'			7			3 1/2"
ember In	formation				Reactions UI	NPATTERNE	D lb (Uplift)		
ype: llies: loisture Con Deflection LL: Deflection TL:	: 360	C E L	.oad Sharing: No	SD C 2012	Brg Li 1 2	ve Dead 0 2269 0 2269	9 2247	Wind 0 0	Const 0 0
mportance: emperature:					Bearings			Tatal I.d. Casa	
					Bearing Leng 1 - SPF 3.500 End Oracin		React D/L lb 2269 / 2247	Total Ld. Case 4516 L	Ed. Comb. D+S
nalysis Re		antine Alley	red Consoltr	Comb Cooo	Grain 2 - SPF 3.500	0" 42%	2269 / 2247	4516 L	D+S
Analysis ⁄Ioment Jnbraced	Actual Lo 5778 ft-lb 5778 ft-lb	cation Allow 3' 1442 3' 11023	3 ft-lb 0.401 (40%)		End Grain	-			
Shear	3010 lb 0.045 (L/1489)	1' 7943		D+S L					
L Defl inch	0.090 (L/741)	3' 0.277	(L/240) 0.320 (32%)	D+S L					
esign Not 1 Fasten all	tes plies using 2 rows of SE	W22338 at 24	" o.c. Maximum end di	stance not to exceed					
3 Simpson fa 4 Girders are 5 Top loads r 6 Top braceo 7 Bottom bra	st page of calculations f asteners applied from a e designed to be suppor must be supported equa d at bearings. aced at bearings.	single side of t ted on the bott Illy by all plies.	he member use tip val om edge only.						
D	nderness ratio based or Load Type	i single ply wid Loca	tion Trib Width	Side Dead 0			/ind 1.6 Const		nts
l	Uniform Self Weight			Top 749 Pl 7 Pl		749 PLF	0 PLF	0 PLF A2	
uctural adequacy sign criteria and sponsibility of the sure the compor	d Designs is responsible only of the of this component based on the d loadings shown. It is the usutomer and/or the contractor to nent suitability of the intended righ the dimensions and loads.	 LVL beams musical 2. Refer to m regarding instance 	Istallation st not be cut or drilled anufacturer's product inform stallation requirements, mult is, beam strength values, and c	ponding ation il-ply	e proper drainage to prevent	Manufacturer Metsä Wood 301 Merritt 7 Br Norwalk, CT 06 (800) 622-5850 www.metsawoc	uilding, 2nd Floor 851	Comtech, Inc. 1001 S. Reilly Ro: Fayetteville, NC USA 28314 910-864-TRUS	ad, Suite #639

	Client: Weaver Developme	nt Date:	4/23/2020	Page 12 of 12
	Project:	Input by:		
isDesign	Address:		e: The Lauren H Beams	
		Project #	÷	
BM4 Kerto-S LVL	1 750" X 9 250"	2-Ply - PASSED	Level: Level	
	1.750 X 9.250	Z-FIY - FASSED		
			-	
•	•	• •	5	$\Lambda \Lambda = 1$
			1/2	
			<1 1/2"	9 1/4
•	•	• •		
1 SPF End Grain		2 SPF End Grain		· · · ·
	6'			3 1/2"
1	6'		1	
Multi-Ply Analysis				
Fasten all plies using 2 rows of SE		um end distance not to excee	d 12"	
Capacity 0.0 %				
Load 0.0 PL Yield Limit per Foot 255.0				
Yield Limit per Foot255.0Yield Limit per Fastener255.0				
Yield Mode Looku				
Edge Distance 1 1/2"				
Min. End Distance 6"				
Load Combination Duration Factor 1.00				
			.	
		For flat roofs provide proper drainage to prevent ponding	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 1. L	ndling & Installation LVL beams must not be cut or drilled	a	Metsä Wood 301 Merritt 7 Building, 2nd Floor	Fayetteville, NC USA
design criteria and loadings shown. It is the 2 responsibility of the customer and/or the contractor to	Refer to manufacturer's product information regarding installation requirements, multi-ply		Norwalk, CT 06851	28314 910-864-TRUS
application, and to verify the dimensions and loads.	fastening details, beam strength values, and code approvals		(800) 622-5850 www.metsawood.com/us	
4. [Damaged Beams must not be used Design assumes top edge is laterally restrained		ICC-ES: ESR-3633	
	Provide lateral support at bearing points to avoid lateral displacement and rotation	This design is valid until 2/26/2023		соттесн