is	sDesign	-	Lindsay 1553 Lindsay 1553		Input Job N	by: Christ lame: GDH	ine Shivy		
DH	Kerto-S LVL	1.750" >	X 14.000 "	2-Ply - F	Proje PASSED	ct #: Level: Le	vel		
		2							
			1						
• •			1997	• • •	• •	-	· · · · ·	•	1'2"
1 SPF En	d Grain			• •	•		2 SPF Er	nd Grain	
<u>, </u>			18'1	10"					3 1/2"
<u>.</u>			18'1	10"					
ember In	formation				Reactions	JNPATTE	RNED Ib (Uplift)		
ype:	Girder	Applicati			Brg	Live	Dead Snow	Wind	Const
lies: loisture Con	2 Idition: Dry	Design M Building			1	0	2363 377 2363 377	0	0 0
eflection LL:		Load Sh	-		-	-		-	-
eflection TL nportance:	: 360 Normal	Deck:	Not Check	ed					
emperature:									
	·				Bearings				
					Bearing Le	-		Total Ld. Cas	
					1 - SPF 3.4 End	500" 2	26% 2363 / 377	2739 L	D+S
alysis Re	esults	•			Grain				
nalysis		cation Allowed	Capacity Comb.	Case	2 - SPF 3.9 End	500" 2	26% 2363 / 377	2739 L	D+S
loment	10589 ft-lb	9'5" 24299 ft-lb	0.436 (44%) D	Uniform	Grain				
nbraced	12277 ft-lb	9'5" 12280 ft-lb	1.000 D+S (100%)	L					
hear	2012 lb 17	"5 1/4" 9408 lb	0.214 (21%) D	Uniform					
L Defl inch	0.068 (L/3239) 9'	5 1/16" 0.459 (L/480)	0.150 (15%) S	L					
L Defl inch	0.495 (L/445) 9's	5 1/16" 0.612 (L/360)	0.810 (81%) D+S	L					
sign No					1				
Fasten all to exceed	plies using 3 rows of 100 6".	Box nails (.128x3") a	t 12" o.c. Maximum en	d distance not					
Refer to las	st page of calculations fo								
	e designed to be support must be supported equa	•	e only.						
Top must b	be laterally braced at a m	, , ,							
	aced at bearings. nderness ratio based on	single ply width							
)	Load Type		rib Width Side	Dead 0.9	Live 1	Snow 1.15	Wind 1.6 Const.	1.25 Comme	ents
	Uniform		Тор	200 PLF	0 PLF	0 PLF	0 PLF 0	PLF Exterior	Siding / Plywood
	Uniform		Тор	40 PLF	0 PLF	40 PLF	0 PLF 0	PLF 2'0" Roo	f Load
	Self Weight			11 PLF					
otes	d Designs is responsible only of the	chemicals Handling & Installatio		or flat roofs provide p onding	roper drainage to prev	wer drainage to prevent Manufacturer Info Metsä Wood		Comtech, Inc. 1001 S. Reilly Ro Fayetteville, NC	ad, Suite #639
uctural adequacy sign criteria an	of this component based on the id loadings shown. It is the	1. LVL beams must not be cur 2. Refer to manufacturer	or drilled s product information			301 Merri	itt 7 Building, 2nd Floor CT 06851	USA 28314	
ponsibility of the sure the compor	customer and/or the contractor to nent suitability of the intended arify the dimensions and loads.	regarding installation fastening details, beam s	requirements, multi-ply			(800) 622	-5850	910-864-TRUS	
	, and amonatoria and loada.	approvals				www.met	sawood.com/us		
ımber	itions, unless noted otherwise	 Damaged Beams must not Design assumes top edge Provide lateral support at 	s laterally restrained				ESR-3633		