isDesign	Client: Project: Address:	Date: Input by: Job Name	2/1/2021 Lenny Norris e: LEYLAND C	Page 1 of
2852 TWIN Kerto-S	LVL 1.750" X 9.250"	Project #: 2-Ply - PASSED	Level: Level	
••••	1	• • •		
• • • • • • • • • • • • • • • • • • •	•	2 SPF End Grain		
	5'11"			3 1/2"
<u>/</u>	5'11"			
Iember Information		Reactions UNI	PATTERNED Ib (Uplift	:)
Type:GirderPlies:2Moisture Condition:DryDeflection LL:480Deflection TL:360Importance:Normal	Application: Floor Design Method: ASD Building Code: IBC/IRC 20 Load Sharing: No Deck: Not Check	Brg Live 1 00 015 2 00		Wind Const 0 0
Temperature: Temp <= 100°F nalysis Results		Bearings Bearing Length 1 - SPF 3.000" End Grain		Total Ld. Case Ld. Comb. 3210 L D+S
Analysis Actual Loca Moment 4166 ft-lb 2'11 Unbraced 4166 ft-lb 2'11 Shear 2170 lb 4'11 LL Defl inch 0.032 (L/2069) 2'11 TL Defl inch 0.065 (L/1028) 2'11 Design Notes X	ttion Allowed Capacity Comb. 1/2" 14423 ft-lb 0.289 (29%) D+S 1/2" 11027 ft-lb 0.378 (38%) D+S 1/2" 7943 lb 0.273 (27%) D+S 1/2" 0.139 (L/480) 0.230 (23%) S 1/2" 0.185 (L/360) 0.350 (35%) D+S	Case 2 - SPF 3.000" L End L L L L L	35% 1616 / 1595	3210 L D+S
4 Top loads must be supported equally5 Top braced at bearings.6 Bottom braced at bearings.	by all plies.			
ID Load Type 1 Uniform Self Weight	Location Trib Width Side Top	Dead 0.9 Live 1 Sno 539 PLF 0 PLF 5 7 PLF	ow 1.15 Wind 1.6 Cons 339 PLF 0 PLF	st. 1.25 Comments 0 PLF TRUSSES A2,A4
 2 Refer to last page of calculations for f 3 Girders are designed to be supported 4 Top loads must be supported equally 5 Top braced at bearings. 6 Bottom braced at bearings. 7 Lateral slenderness ratio based on sin ID Load Type 1 Uniform Self Weight 	t on the bottom edge only. by all plies. ngle ply width. Location Trib Width Side Top	539 PLF 0 PLF 5		