isD	Design	Client: W Project: Address:	EAVER DEVELOPME			t by:	7/16/202 LENNY N BELLHA	ORRIS				Page 1 of
GDH 18' I	L Kerto-S	LVL 1.750	" X 11.875"	3-Ply -			vel: Level					
		2										
1 SPF End C	Grain 0-3-8	in - All	1	175			• • •	2 S	PF End Grair	0-3-8		11 7/
]			19'								, ,	5 1/4"
1			19'							ľ		
/lember Info	ormation				Reactions	UNPA	TTERN	ED Ib	(Uplift)			
Туре:	Girder	Application	n: Floor		Brg Directi		Live		Dead	Snow	Wind	Cor
Plies:	3	Design Me			1 Vertica		0		2602	0	0	
Moisture Condit Deflection LL:	480	Building C Load Shar			2 Vertica	ıl	0		2602	0	0	
Deflection TL:	360	Deck:	Not Checke	b								
Importance:	Normal - II											
Temperature:	Temp <= 100°F											
					Bearings							
					Bearing Le	-	Dir.		React D/L lb		Ld. Case	Ld. Com
					1 - SPF 3.	.500"	Vert	17%	2602 / 0	2602	Uniform	D
nalysis Resu	ulte				End Grain							
-	Actual Loca	tion Allowed	Capacity Comb.	Case	2 - SPF 3.	.500"	Vert	17%	2602 / 0	2602	Uniform	D
	11769 ft-lb		0.421 (42%) D	Uniform	End Grain							
	11769 ft-lb		0.998 D	Uniform	Grain							
			(100%)									
			0.189 (19%) D	Uniform								
	0.000 (L/999)	0 999.000 (L/0)	()									
TL Defl inch	0.519 (L/429) 9'6 1	1/16" 0.618 (L/360)	0.839 (84%) D	Uniform	4							
esign Note	s											
	ort to prevent lateral mo required at the interior b			teral support								
2 Fasten all plie	es using 2 rows of 10d E	0,	0	distance not								
	Nail from both sides. page of calculations for t	fastanars required for	specified leads									
	esigned to be supported											
	ist be supported equally	• •										
	laterally braced at a max be laterally braced at er											
	erness ratio based on si	-										
ID	Load Type	Location Tr	b Width Side	Dead 0.9	Live 1	Snow	1.15	Wind 1.	6 Const. 1	.25 Cc	omments	
1	Uniform		Тор	200 PLF	0 PLF	C) PLF	0 PL	F OF	PLF GA	BLE END	
2	Uniform		Тор	60 PLF	0 PLF	C) PLF	0 PL	F OF	LF DE	AD WALL	
	Self Weight			14 PLF								
										1		
Notes		chemicals	6. For	flat roofs provide p ding	proper drainage to pre-	veni	anufacture	er Info		4		
structural adequacy of	esigns is responsible only of the this component based on the loadings shown. It is the	. LVL beams must not be cut of	drilled	-		30	etsä Wood 01 Merritt 7		2nd Floor			
esponsibility of the cus ensure the component	tomer and/or the contractor to t suitability of the intended	 Refer to manufacturer's regarding installation re fastening details, beam stre 	uirements, multi-ply			N	orwalk, CT 800) 622-58	06851				
pplication, and to verify	the dimensions and loads.	approvals 3. Damaged Beams must not be	used				ww.metsaw		us			
	s, unless noted otherwise	 Design assumes top edge is I Provide lateral support at b 	aterally restrained earing points to avoid								ют	есн
. LVL not to be treated		lateral displacement and rotat		is design is valid								