-S LVL 1.	750" X 14.0	00" 2-P	Ply - PA		ject #:	Level			
2		1							
		1997					· · ·		
						2	2 SPF End Gra	ain	
		18'10" 18'10"							∫ [−]]3 1/2"
on			F	Reactions		ERNED Ib (U	plift)		
-	Application:	Floor	F		Live		Snow	Wind	Const
	Design Method:	ASD		1	0	2363	377	0	0
	Load Sharing:	No		2	0	2363	377	0	0
	Deck:	Not Checked							
p <= 100°F			-						
					enath	Cap. React D	/L lb Total	Ld. Case	Ld. Comb.
				Ũ	Ũ	•			D+S
				End					
Lessting A	land Oracit	. Or mile	0		3.500"	26% 2363 /	377 2739	L	D+S
	•			End					
	· ·	D+S	L	Grain					
	(100%)								
			Uniform						
,	, , , , , , , , , , , , , , , , , , ,	,							
			_						
3 rows of 10d Box nails	s (.128x3") at 12" o.c. N	laximum end dist	tance not						
alculations for factors	re required for specifies	loads							
		ivaus.							
		Sido	Dead 0.0	Live 1	Spour 1.4	5 Wind 1 C	Const 1 2F	Common	te
n n	ocation ind width	Side I Top	200 PLF	LIVE 1 0 PLF	Snow 1.1		0 PLF		ts ding / Plywood
		Тор	200 PLF 40 PLF	0 PLF	40 PL			2'0" Roof L	
n					HU FL	,			
n eight		.00	11 PLF				0.1		
	b 9'5" 2 b 9'5" 1 17'5 1/4" 9 3239) 9'5 1/16" 0 445) 9'5 1/16" 0 3 rows of 10d Box nails alculations for fastener to be supported on the ported equally by all p praced at a maximum of ings.	Location Allowed Capacity b 9'5" 24299 ft-lb 0.436 (44) b 9'5" 12280 ft-lb 1.000 (100%) 17'5 1/4" 9408 lb 0.214 (21) 3239) 9'5 1/16" 0.459 (L/480) 0.150 (15) 3445) 9'5 1/16" 0.612 (L/360) 0.810 (81) 23 rows of 10d Box nails (.128x3") at 12" o.c. M Malual Indiana (128x3") at 12" o.c. M alculations for fasteners required for specified to be supported on the bottom edge only. Storm of 8'6" o.c. ings. tio based on single ply width. 10'6'' o.c. ings.	LocationAllowedCapacityComb. Deck:b9'5"24299 ft-lb0.436 (44%) Db9'5"12280 ft-lb1.000D+S (100%)17'5 1/4"9408 lb0.214 (21%) D3 rows of 10d Box nails (.128x3") at 12" o.c. Maximum end dist alculations for fasteners required for specified loads. to be supported on the bottom edge only. poported equally by all plies. praced at a maximum of 8'6" o.c. ings. tio based on single ply width.	er Application: Floor Design Method: ASD Building Code: IBC/IRC 2015 Load Sharing: No Deck: Not Checked $p <= 100^{\circ}F$ Location Allowed Capacity Comb. Case b 9'5" 24299 ft-lb 0.436 (44%) D Uniform b 9'5" 12280 ft-lb 1.000 D+S L (100%) 17'5 1/4" 9408 lb 0.214 (21%) D Uniform 3239) 9'5 1/16" 0.459 (L/480) 0.150 (15%) S L 445) 9'5 1/16" 0.612 (L/360) 0.810 (81%) D+S L 3 rows of 10d Box nails (.128x3") at 12" o.c. Maximum end distance not alculations for fasteners required for specified loads. to be supported on the bottom edge only. poported equally by all plies. praced at a maximum of 8'6" o.c. ings. tio based on single ply width.	er Application: Floor Design Method: ASD Building Code: IBC/IRC 2015 Load Sharing: No Deck: Not Checked	er Application: Floor Design Method: ASD Building Code: IBC/IRC 2015 Load Sharing: No Deck: Not Checked Mal p <= 100°F Location Allowed Capacity Comb. Case b 9'5" 24299 ft-lb 0.436 (44%) D Uniform b 9'5" 12280 ft-lb 1.000 D+S L 17'5 1/4" 9408 lb 0.214 (21%) D Uniform 3239) 9'5 1/16" 0.612 (L/360) 0.810 (81%) D+S L At45) 9'5 1/16" 0.612 (L	er Application: Floor Brg Live Dead Dead <thdead< th=""> Dead</thdead<>	er Application: Floor Design Method: ASD ASD mal p <= 100°F	er Application: Design Method: Soud Sharing: Deck: Floor Method: MSD/RC 2015 Load Sharing: Deck: Brg Live Dead Snow Wind 1 0 2363 377 0 2 0 2363 377 0 2 0 2363 377 0 2 0 2363 377 0 2 0 2363 377 0 2 0 2363 377 0 2 0 2363 377 0 2 0 2363 377 0 2 0 2363 377 2739 L 6 9'5" 12280 ft-ib 0.436 (44%) D Uniform 2 2 SPF 3.500" 26% 2363 / 377 2739 L 175 1/4" 9408 lb 0.214 (21%) D Uniform 2 SPF 3.500" 26% 2363 / 377 2739 L 3 rows of 10d Box nails (.128x3") at 12" o.c. Maximum end distance not

			oject: Tayl	aver Development or (190608B)			ate: out by:	11/17/2020 Christine Shiv	у		Page 1 o
	Design	Ad	dress: Tay	lor (190608B)			b Name: oject #:	: Taylor (19060	8B)		
Vindow I	Hdr. Kerto	-S LVL	1.750	" X 9.250"	2-Ply -	PASSE	-	evel: Level			
								1			
								1			
-	•	•	1	•		•	•	1			M 1
•	1.20	-		-		-					
1 SPF E	nd Grain				2	2 SPF End Gr	ain				
			6'1"					7			1 1/2"
lember Info			_			F		PATTERNED	lb (Uplift)		
Type: Plies:	Girder 2		Application: Design Meth	Floor od: ASD		Brg 1	Live 0		Snow 1405	Wind 0	Const 0
Noisture Condi			Building Cod		5	2	0		1405	0	0
Deflection LL:	480		Load Sharing								
Deflection TL: mportance:	360 Normal		Deck:	Not Checked	1						
emperature:	Temp <= 100°F										
						Bearings					
						Bearing 1 - SPF			eact D/L lb 427 / 1405	Total Ld. Case 2832 L	Ld. Comb. D+S
nalysis Res	ults					End Grain					
		ocation All		apacity Comb.	Case	2 - SPF End	3.500"	27% 1	427 / 1405	2832 L	D+S
	3683 ft-lb 3683 ft-lb	3' 1/2" 14		255 (26%) D+S	L	Grain					
011010000	1901 lb	3' 1/2" 10 5'1" 79		337 (34%) D+S 239 (24%) D+S	L						
	0.029 (L/2324)		41 (L/480) 0.		L						
TL Defl inch				310 (31%) D+S	L						
esign Note	s					ſ					
1 Fasten all pli	es using 2 rows of 10	d Box nails ((.128x3") at 12	o.c. Maximum end	distance not	1					
	page of calculations f designed to be suppor										
4 Top loads mu 5 Top braced a	ust be supported equa at bearings.	ally by all plie	es.								
6 Bottom brace	ed at bearings.										
7 Lateral slend	lerness ratio based or Load Type			Width Side	Dead 0.9	l ive 1	Snov	w 1 15 Wind	d 1.6 Const.	1.25 Commen	ts
1	Uniform	LO		Тор	462 PLF	0 PLF				0 PLF A2	15
	Self Weight			·-r	7 PLF	3. LI					
	Sen weight										
		akamiaala		ê Fer	flat radio provida p	rener drainess to .		Manufacturer Info		Comtech, Inc.	
ructural adequacy of	esigns is responsible only of the this component based on the loadings shown. It is the stomer and/or the contractor to at suitability of the intended	e 1. LVL beams e 2. Refer to regarding	must not be cut or dri manufacturer's pr installation requir	ponc roduct information rements, multi-ply	flat roofs provide p ling	oper urannage to	prevent	Metsä Wood 301 Merritt 7 Build Norwalk, CT 0685 (800) 622-5850	ing, 2nd Floor	1001 S. Reilly Road Fayetteville, NC USA 28314 910-864-TRUS	I, Suite #639
sure the component	the dimensions and loads		letails, beam strength	n values, and code				(800) 622-5850 www.metsawood.c	om/us		
pplication, and to verify .umber . Dry service conditior	ns, unless noted otherwise d with fire retardant or corrosive	 Design assi Provide lat 	Beams must not be us umes top edge is late eral support at bear	rally restrained				ICC-ES: ESR-363		ll and a second	птесн