Mark Morris, P.E.

#126, 1317-M, Summerville, SC 29483 843 209-5784, Fax (866)-213-4614

The truss drawing(s) listed below have been prepared by **Atlantic Building Components** under my direct supervision based on the parameters provided by the truss designers.

AST #: 44031 JOB: 24-0138-R01 JOB NAME: LOT 30 PROVIDENCE CREEK Wind Code: 37 Wind Speed: Vult= 120mph Exposure Category: B Mean Roof Height (feet): 35 These truss designs comply with IRC 2015 as well as IRC 2018. *30 Truss Design(s)*

Trusses:

MR01, MR02, MR03, MRJ01, MRV01, MRV02, PB01, PB02, PB03, R01, R02, R04, R05, R05A, R06, R07, R07A, R08, R09, R10, R11, R12, R13, VT01, VT02, VT03, VT04, VT05, VT06, VT07



Warning !--- Verify design parameters and read notes before use.

This design is based only upon parameters shown, and is for an individual building component to be installed and loaded vertically. Applicability of design parameters and proper incorporation of component is responsibility of building designer – not truss designer or truss engineer. Bracing shown is for lateral support of individual web members only. Additional temporary bracing to ensure stability during construction is the responsibility of the erector. Additional permanent bracing of the overall structure is the responsibility of the building designer. For general guidance regarding fabrication, quality control, storage, delivery, erection and bracing, consult ANSI/TPI 1 *National Design Standard for Metal Plate Connected Wood Truss Construction* and BCSI 1-03 Guide to *Good Practice for*



D'Onofrio Drive, Madison, WI 53719.

Job	Truss	Truss Type	Qty	Ply	LOT 30 PROVIDENCE CREEK 65 COTTONSEED LANE FUQUAY-V	RINA, NC
24-0138-R01	MR01	Common	3	1	Job Reference (optional) # 44031	

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LOAD CASE(S) Standard



1/9/2024



D'Onofrio Drive, Madison, WI 53719.

Job	Truss	Truss Type	Qty	Ply	LOT 30 PROVIDENCE CREEK 65 COTTONSEED LANE FUQUAY-VARINA, NO
24-0138-R01	MR02	Нір	1	1	Job Reference (optional) # 44031
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LOAD CASE(S) Standard



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Job	Truss	Truss Type	Qty	Ply	LOT 30 PROVIDENCE CREEK 65 COTTONSEED LANE FUQUAY-VARINA,
24-0138-R01	MR03	Hip Girder	1	1	Job Reference (optional) # 44031
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- 12) Graphical bracing representation does not depict the size, type or the orientation of the brace on the member. Symbol only indicates that the member must be braced. 13) Bearing symbols are only graphical representations of a possible bearing condition. Bearing symbols are not considered in the structural design of the truss to support the loads indicated.
- 14) Web bracing shown is for lateral support of individual web members only. Refer to BCSI Guide to Good Practice for Handling, Installing, Restraining & Bracing of Metal Plate
- Connected Wood Trusses for additional bracing guidelines, including diagonal bracing. 15) SEE BCSI-B3 SUMMARY SHEET- PERMANENT RESTRAING/BRACING OF CHORDS & WEB MEMBERS FOR RECOMMENDED MINIMUM BRACING REQUIREMENTS OF TOP CHORD, BOTTOM CHORD, AND WEB PLANES. IN ADDITION TO THESE MINIMUM GUIDELINES, ALWAYS CONSULT THE PROJECT ARCHITECT OR ENGINEER FOR ADDITIONAL BRACING CONSIDERATIONS.

LOAD CASE(S) Standard

1) Dead + Snow (balanced): Lumber Increase=1.15, Plate Increase=1.15

Uniform Loads (plf) Vert: 1-4=-60, 4-6=-60, 6-9=-60, 2-8=-20

Concentrated Loads (lb)

Vert: 4=-3(B) 6=-3(B) 12=0(B) 11=0(B) 5=-3(B) 10=0(B) 13=-3(B) 16=-3(B) 17=0(B) 18=0(B)



1/9/2024



LOAD CASE(S) Standard



of individual web members only. Additional temporary bracing to ensure stability during construction is the responsibility of the erector. Additional permanent bracing of the overall structure is the responsibility of the building designer. For general guidance regarding fabrication, quality control, storage, delivery, erection and bracing, consult ANSI/TPI 1 *National Design Standard for Metal Plate Connected Wood Truss Construction* and BCSI 1-03 Guide to *Good Practice for Handling, Installing & Bracing of Metal Plate Connected Wood Trusses* from Truss Plate Institute, 583 D'Onofrio Drive, Madison, WI 53719.

Job	Truss	Truss Type	Qty	Ply	LOT 30 PROVIDENCE CREEK 65 COTTO	ONSEED LANE FUQUAY-VARINA, NO
24-0138-R01	PB01	GABLE	2	1	Job Reference (optional)	# 44031
		Rup: 8/13	0 s Eeb 12	2021 Print	8 /30 s Eeb 12 2021 MiTek Industries Inc.	Wed Jan 10 17:18:01 2024 Page 2

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LOAD CASE(S) Standard

1/9/2024

Job	Truss	Truss Type	Qty	Ply	LOT 30 PROVIDENCE CREEK 65 COTTONSE	ED LANE FUQUAY-VARINA, I
24-0138-R01	PB03	GABLE	5	1	Job Reference (optional)	# 44031
		Bup: 9.42	0 a Eab 12	2021 Drint:	9 420 a Eab 12 2021 MiTak Industrias Inc. Wod	Jon 10 17:19:04 2024 Dogo 2

n: 8.430 s Feb 12 2021 Print: 8.430 s Feb 12 2021 MiTek Industries, Inc. Wed Jan 10 17:18:04 2024 Page 2 ID:kHdPkcON9g3_0IfrDBlgKRzexCS-LCNAIfECgv1lKo2w105yPIGTLyHWW5qdqv5UPBzwiXX

LOAD CASE(S) Standard

1/9/2024

of individual web members only. Additional temporary bracing to ensure stability during construction is the responsibility of the erector. Additional permanent bracing of the overall structure is the responsibility of the building designer. For general guidance regarding fabrication, quality control, storage, delivery, erection and bracing, consult ANSI/TPI 1 *National Design Standard for Metal Plate Connected Wood Truss Construction* and BCSI 1-03 Guide to *Good Practice for Handling, Installing & Bracing of Metal Plate Connected Wood Trusses* from Truss Plate Institute, 583 D'Onofrio Drive, Madison, WI 53719.

Job	Truss	Truss Type	Qty	Ply	LOT 30 PROVIDENCE CREEK 65 COTTONSEED L	ANE FUQUAY-VARINA, N
24-0138-R01	R01	Piggyback Base Supported Gable	1	1	Job Reference (optional)	# 44031
		Run:	8.430 s Feb 12	2021 Print:	8,430 s Feb 12 2021 MiTek Industries. Inc. Wed Jan '	10 17:18:12 2024 Page 2

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14) Graphical bracing representation does not depict the size, type or the orientation of the brace on the member. Symbol only indicates that the member must be braced. 15) Bearing symbols are only graphical representations of a possible bearing condition. Bearing symbols are not considered in the structural design of the truss to support the loads indicated.

16) Web bracing shown is for lateral support of individual web members only. Refer to BCSI - Guide to Good Practice for Handling, Installing, Restraining & Bracing of Metal Plate Connected Wood Trustees for additional bracing guidelines, including diagonal bracing. 17) SEE BCSI-B3 SUMMARY SHEET- PERMANENT RESTRAING/BRACING OF CHORDS & WEB MEMBERS FOR RECOMMENDED MINIMUM BRACING REQUIREMENTS

OF TOP CHORD, BOTTOM CHORD, AND WEB PLANES. IN ADDITION TO THESE MINIMUM GUIDELINES, ALWAYS CONSULT THE PROJECT ARCHITECT OR ENGINEER FOR ADDITIONAL BRACING CONSIDERATIONS.

LOAD CASE(S) Standard

1/9/2024

Scale = 1:102.6

⊢	10-1-12		21-6-0	27-0-0	32-0-	0 36-6-4	48	3-10-4		59-0-0	
	10-1-12	2 0 0 5 01	11-4-4	5-6-0	5-0-0) 4-6-4	1	2-4-0		10-1-12	
	s (ʌ, ː) [18:0-	·ɔ-o,ʊ-ɔ-U]		1						1	
LOADING (p TCLL (roof) Snow (Pf) TCDL BCLL	osf) 20.0 20.0 10.0 0.0 *	SPACING- Plate Grip D Lumber DOL Rep Stress I	2-0-0 OL 1.15 - 1.15 Incr YES	CSI. TC BC WB Matrix	0.71 0.88 0.91	DEFL. Vert(LL) Vert(CT) Horz(CT)	in (loc) -0.28 25-27 -0.44 25-27 0.05 18	l/defl >999 >998 n/a	L/d 240 180 n/a	PLATES MT20 MT20HS	GRIP 244/190 187/143
BCDL	10.0		21/11/12/14	Iviauix	-43					Weight. 409 h	5 11 - 2070
LUMBER- TOP CHORE BOT CHORE WEBS SLIDER	D 2x6 SP No.2 D 2x6 SP No.2 B4: 2x4 SP I 2x4 SP No.3 W5,W7: 2x4 Left 2x4 SP	*Except* No.2 *Except* SP SS No.3 -° 1-11-0, Rig	ht 2x4 SP No.3 -°	1-11-0		BRACING- TOP CHORD BOT CHORD WEBS	Structural we Rigid ceiling 6-0-0 oc bra 1 Row at min 2 Rows at 1/ MiTek reco be installed	ood she directly cing: 20 dpt /3 pts mmend d during	athing direct applied. Ex -22 6-25, 7 8-20 s that Stabil truss erection	lly applied. ccept: 7-23, 10-18, 9-18 izers and required cro on, in accordance with	oss bracing h Stabilizer
REACTIONS	Installation guide. REACTIONS. (lb/size) 2=1339/0-3-8 (min. 0-1-13), 18=3037/0-3-8 (min. 0-2-14), 14=628/0-5-8 (min. 0-1-8) Max Horz 2=167(LC 14) Max Uplift2=-205(LC 14), 18=-7(LC 14), 14=-207(LC 15) Max Grav2=1551(LC 43), 18=4183(LC 43), 14=773(LC 41) Max Grav2=1551(LC 43), 18=4183(LC 43), 14=773(LC 41)										
FORCES. (I TOP CHORE	FORCES. (lb) - Max. Comp./Max. Ten All forces 250 (lb) or less except when shown. TOP CHORD 2-3=-835/0, 3-36=-2505/273, 4-36=-2339/293, 4-37=-2447/404, 5-37=-2432/406, 5-6=-2308/423, 6-38=-1268/291, 7-38=-1142/312, 7-39=-754/267, 39-40=-754/267, 40-41=-754/267, 8-41=-754/267, 8-42=0/1101, 9-43=0/1245, 10-43=0/1070, 10-11=-689/425, 11-44=-835/408, 12-44=-846/406, 12-45=-661/292, 13-45=-861/271.										
BOT CHORE	13-14=-312 2-46=-302/ 25-48=-212 50-51=-162 54-55=-162	1/U '2136, 27-46=-302/ 4/1674, 24-25=-63/ 2/402, 51-52=-162/ 2/402, 18-55=-162/	2136, 27-47=-214, 1058, 24-49=-63/1 402, 19-52=-162/4 402, 18-56=-365/2	1674, 26-47= 058, 23-49=- 02, 19-53=-1 63, 17-56=-3	=-214/1674, 63/1058, 23 62/402, 53- 65/263, 17-	26-48=-214/167/ 3-50=-162/402, 54=-162/402, 57=-365/263,	4,				
WEBS	16-57=-365 6-25=-1053 8-20=-2306 6-27=-182/	5/263, 16-58=-138/ 3/259, 7-25=-109/1 5/217, 18-20=-2402 '968, 10-16=-176/1	678, 14-58=-138/6 129, 7-23=-1169/1 2/195, 10-18=-114 177, 4-27=-476/25	78 62, 22-23=-5 3/266, 19-21= 5, 12-16=-58	6/1619, 8-2 301/0, 9-1 7/254	2=-30/1740, 8=-864/120,					
NOTES- (1 1) Unbalance 2) Wind: ASC Roof; Hip 16-8-6 to 2 59-10-8 zc grip DOL= 3) TCLL: AS Cat B; Pai 4) Unbalance 5) This truss non-conct	 6-27=-182/968, 10-16=-176/1177, 4-27=-476/255, 12-16=-587/254 NOTES- (18-21) 1) Unbalanced roof live loads have been considered for this design. 2) Wind: ASCE 7-16; Vult=120mph (3-second gust) Vasd=95mph; TCDL=5.0psf; BCDL=5.0psf; h=35ft; Cat. II; Exp B; Enclosed; Gable Roof; Hip Truss; MWFRS (envelope) gable end zone and C-C Exterior(2E) -0-10-8 to 3-11-2, Interior(1) 3-11-2 to 16-8-6, Exterior(2E) 55-0-14 to 59-10-8 zone; end vertical left and right exposed; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60 3) TCLL: ASCE 7-16; Pr=20.0 psf (roof LL: Lum DOL=1.15 Plate DOL=1.15); Pf=20.0 psf (Lum DOL=1.15 Plate DOL=1.15); Is=1.0; Rough Cat B; Partially Exp.; Ce=1.0; Cs=1.00; Ct=1.10 4) Unbalanced snow loads have been considered for this design. 5) This truss has been designed for greater of min roof live load of 12.0 psf or 2.00 times flat roof load of 20.0 psf on overhangs 										
6) Provide a	dequate draina	ge to prevent wate	r ponding.							1/9/2024	
7) All plates	are MT20 plate	s unless otherwise	indicated.	a daaian ia t			and in far on in th	aidual b	Idina agencer		adad
vertically A	r pergey zresign p	sion narameters and read h	roper incorporation of	s design is dase	responsibility	of building designer	ma is for an indi	oner or tr	uss engineer	Bracing shown is for late	aucu eral support
vertically. A	PPricaomity of de	51511 parameters and pi	oper meorporation 0	somponent is	responsionity	or ounding designed	1 101 11 105 11051	Suct Of th	ass engineer.	Dracing shown is for late	an support

responsibility of the building designer. For general guidance regarding fabrication, quality control, storage, delivery, erection and bracing, consult ANSI/TPI 1 National Design Standard for Metal Plate Connected Wood Truss Construction and BCSI 1-03 Guide to Good Practice for Handling, Installing & Bracing of Metal Plate Connected Wood Trusses from Truss Plate Institute, 583 D'Onofrio Drive, Madison, WI 53719.

Job	Truss	Truss Type	Qty	Ply	LOT 30 PROVIDENCE CREEK 65 COTTONSEED LANE FUQUAY-VARINA, NO
24-0138-R01	R02	Piggyback Base	9	1	Job Reference (optional) # 44031
		Run: 8.43 ID:	0 s Feb 12 kHdPkcO	2021 Print: N9g3_0Ifr	8.430 s Feb 12 2021 MiTek Industries, Inc. Wed Jan 10 17:18:21 2024 Page 2 DBIgKRzexCS-LTvctTRsg7ALtPrBW5vxbKTG5owq?a?7k2juWizwiXG

NOTES- (18-21)

8) All plates are 5x5 MT20 unless otherwise indicated.

9) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.

10) * This truss has been designed for a live load of 30.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.

11) Bearing at joint(s) 18 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.

12) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 18 except (jt=lb) 2=205, 14=207. 13) Load case(s) 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166 has/have been modified. Building designer must review loads to verify that they are correct for the intended use of this truss.

14) MULTIPLE LOADCASES - This design is the composite result of multiple load cases.

15) User moving load cases exist: Review the load cases for details

16) This truss design requires that a minimum of 7/16" structural wood sheathing be applied directly to the top chord and 1/2" gypsum sheetrock be applied directly to the bottom chord

17) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

18) Graphical bracing representation does not depict the size, type or the orientation of the brace on the member. Symbol only indicates that the member must be braced. 19) Bearing symbols are only graphical representations of a possible bearing condition. Bearing symbols are not considered in the structural design of the truss to support the loads indicated.

20) Web bracing shown is for lateral support of individual web members only. Refer to BCSI - Guide to Good Practice for Handling, Installing, Restraining & Bracing of Metal Plate Connected Wood Trusses for additional bracing guidelines, including diagonal bracing.

21) SEE BCSI-B3 SUMMARY SHEET- PERMANENT RESTRAING/BRĂCINĞ OF CHORDS & WEB MEMBERS FOR RECOMMENDED MINIMUM BRACING REQUIREMENTS OF TOP CHORD, BOTTOM CHORD, AND WEB PLANES. IN ADDITION TO THESE MINIMUM GUIDELINES, ALWAYS CONSULT THE PROJECT ARCHITECT OR ENGINEER FOR ADDITIONAL BRACING CONSIDERATIONS.

LOAD CASE(S) Standard Except:

109) Reversal: 1st User Defined Moving Load - Dead + Snow (balanced): Lumber Increase=1.15, Plate Increase=1.15 Uniform Loads (plf)

Vert: 1-7=-60(F), 7-9=-60(F), 9-15=-60(F), 28-32=-20(F), 20-22=-20(F)

Concentrated Loads (lb)

Vert: 23=-150 51=-150

110) Reversal: 2nd User Defined Moving Load - Dead + Snow (balanced): Lumber Increase=1.15, Plate Increase=1.15 Uniform Loads (plf)

Vert: 1-7=-60(F), 7-9=-60(F), 9-15=-60(F), 28-32=-20(F), 20-22=-20(F)

Concentrated Loads (Ib) Vert: 51=-150 52=-150

111) Reversal: 3rd User Defined Moving Load - Dead + Snow (balanced): Lumber Increase=1.15, Plate Increase=1.15

Uniform Loads (plf)

Vert: 1-7=-60(F), 7-9=-60(F), 9-15=-60(F), 28-32=-20(F), 20-22=-20(F)

Concentrated Loads (lb) Vert: 52=-150 53=-150

112) Reversal: 4th User Defined Moving Load - Dead + Snow (balanced): Lumber Increase=1.15, Plate Increase=1.15

Uniform Loads (plf) Vert: 1-7=-60(F), 7-9=-60(F), 9-15=-60(F), 28-32=-20(F), 20-22=-20(F)

Concentrated Loads (Ib)

Vert: 53=-150 55=-150

113) Reversal: 5th User Defined Moving Load - Dead + Snow (balanced): Lumber Increase=1.15, Plate Increase=1.15

Uniform Loads (plf)

Vert: 1-7=-60(F), 7-9=-60(F), 9-15=-60(F), 28-32=-20(F), 20-22=-20(F)

Concentrated Loads (Ib) Vert: 18=-150 54=-150

114) Reversal: 7th Unbal.1st User Defined Moving Load - Dead + Snow (balanced)-Parallel: Lumber Increase=1.15, Plate Increase=1.15 Uniform Loads (plf)

Vert: 1-7=-32(F=-20), 7-9=-101(F=-20), 9-15=-32(F=-20), 28-32=-20(F), 20-22=-20(F)

Concentrated Loads (lb)

Vert: 23=-150 51=-150

115) Reversal: 8th Unbal.1st User Defined Moving Load - Dead + Snow (balanced)-Parallel: Lumber Increase=1.15, Plate Increase=1.15 Uniform Loads (plf) Vert: 1-36=-60(F=-20), 7-36=-101(F=-20), 7-9=-32(F=-20), 9-45=-101(F=-20), 15-45=-60(F=-20), 28-32=-20(F), 20-22=-20(F)

Unitorin La. Vert: 1-36=-60(F=-20), 7-9=-101(F=-20), 9-15=-32(F=-20), 28-32=-20(F), 20-22=-20(F) Concentrated Loads (lb) Vert: 1-7=-32(F=-20), 7-9=-101(F=-20), 9-15=-32(F=-20), 28-32=-20(F), 20-22=-20(F) Concentrated Loads (lb) Vert: 23=-150 51=-150 117) Reversal: 8th Unbal. 1st User Defined Moving Load - Dead + Snow (balanced)-Parallel: Lumber Increase=1.15, Plate Increase=1.15 Uniform Loads (lb) Vert: 1-38=-60(F=-20), 7-36=-101(F=-20), 7-9=-32(F=-20), 9-45=-101(F=-20), 15-45=-60(F=-20), 28-32=-20(F), 20-22=-20(F) Vert: 1-38=-60(F=-20), 7-36=-101(F=-20), 7-9=-32(F=-20), 9-45=-101(F=-20), 15-45=-60(F=-20), 28-32=-20(F), 20-22=-20(F) Vert: 23=-150 51=-150 118) Reversal: 7th Unbal. 1st User Defined Moving Load - Dead + Snow (balanced)-Parallel: Lumber Increase=1.15, Plate Increase=1.15 Uniform Loads (lf) Vert: 1-7=-32(F=-20), 7-9=-101(F=-20), 9-15=-32(F=-20), 28-32=-20(F), 20-22=-20(F) Vert: 1-7=-32(F=-20), 28-32=-20(F), 20-22=-20(F)

1/9/2024

Job	Truss	Truss Type	Qty	Ply	LOT 30 PROVIDENCE CRE	EK 65 COTTONSEED LANE FUQUAY-VARINA,
24-0138-R01	R02	Piggyback Base	9		1 Job Reference (optional)	# 44031
			Run: 8.430 s Feb 12 ID:kHdPkcC	2021 Prir N9g3_01	ht: 8.430 s Feb 12 2021 MiTek I	ndustries, Inc. Wed Jan 10 17:18:21 2024 Page 3 g7ALtPrBW5vxbKTG5owq?a?7k2juWizwiXG
LOAD CASE(S)						
120) Reversal: 7th Un	bal.1st User Defined	Moving Load - Dead + Snow (balan	ced)-Parallel: Lumber Incre	ase=1.1	5, Plate Increase=1.15	
Vert: 1-7	=-32(F=-20), 7-9=-10 ⁻	1(F=-20), 9-15=-32(F=-20), 28-32=-2	20(F), 20-22=-20(F)			
Vert: 23=	ads (ib) 150 51=-150					
121) Reversal: 8th Un Uniform Loads (r	bal.1st User Defined	Moving Load - Dead + Snow (balan	ced)-Parallel: Lumber Incre	ase=1.1	5, Plate Increase=1.15	
Vert: 1-3	6=-60(F=-20), 7-36=- ads (lb)	101(F=-20), 7-9=-32(F=-20), 9-45=-	101(F=-20), 15-45=-60(F=-2	20), 28-3	32=-20(F), 20-22=-20(F)	
Vert: 23=	-150 51=-150				5 DI (1) ((5	
Uniform Loads (p	bai. 1st User Defined	Moving Load - Dead + Snow (balan	ced)-Parallel: Lumber Incre	ase=1.1	5, Plate Increase=1.15	
Vert: 1-7 Concentrated Lo	=-32(F=-20), 7-9=-10 [.] ads (lb)	1(F=-20), 9-15=-32(F=-20), 28-32=-2	20(F), 20-22=-20(F)			
Vert: 23=	150 51=-150	Moving Load Dead + Show (balan	ced) Parallel: Lumber Incre	250-1 1	5 Plate Increase-1 15	
Uniform Loads (p	blf)					
Vert: 1-3 Concentrated Lo	6=-60(F=-20), 7-36=- ads (lb)	101(F=-20), 7-9=-32(F=-20), 9-45=-	101(F=-20), 15-45=-60(F=-2	20), 28-3	32=-20(F), 20-22=-20(F)	
Vert: 23= 124) Reversal: 7th Un	-150 51=-150 bal 1st User Defined	Moving Load - Dead + Snow (balan	ced)-Parallel: I umber Incre	ase=1.1	5 Plate Increase=1 15	
Uniform Loads (p	olf) - 22(5- 20) 7 0- 40	1/E- 20) 0 1E- 22/E- 20) 20 22- 1	20(F) 20 22- 20(F)			
Concentrated Lo	ads (lb)	T(F20), 9-1532(F20), 26-32	20(F), 20-2220(F)			
Vert: 23= 125) Reversal: 8th Un	-150 51=-150 bal.1st User Defined	Moving Load - Dead + Snow (balan	ced)-Parallel: Lumber Incre	ase=1.1	5, Plate Increase=1.15	
Uniform Loads (p	olf) 6=-60(F=-20)_7-36=-`	101/F=-20) 7-9=-32/F=-20) 9-45=-	, 101(F=-20) 15-45=-60(F=-)	20) 28-7	32=-20(E) 20-22=-20(E)	
Concentrated Lo	ads (lb)	101(1-20), 10-02(1-20), 040-	101(1 - 20), 10 40 - 00(1 - 2	20), 201	52 - 20(1), 20 - 22 - 20(1)	
126) Reversal: 7th Un	bal.1st User Defined	Moving Load - Dead + Snow (balan	ced)-Parallel: Lumber Incre	ase=1.1	5, Plate Increase=1.15	
Uniform Loads (p Vert: 1-7	olf) =-32(F=-20), 7-9=-10 ⁻	1(F=-20), 9-15=-32(F=-20), 28-32=-2	20(F), 20-22=-20(F)			
Concentrated Lo	ads (lb)					
127) Reversal: 8th Un	bal.1st User Defined	Moving Load - Dead + Snow (balan	ced)-Parallel: Lumber Incre	ase=1.1	5, Plate Increase=1.15	
Uniform Loads (p Vert: 1-3	6=-60(F=-20), 7-36=-	101(F=-20), 7-9=-32(F=-20), 9-45=-	101(F=-20), 15-45=-60(F=-2	20), 28-3	32=-20(F), 20-22=-20(F)	
Concentrated Lo Vert: 23=	ads (lb) 150 51=-150					
128) Reversal: 7th Un	bal.1st User Defined	Moving Load - Dead + Snow (balan	ced)-Parallel: Lumber Incre	ase=1.1	5, Plate Increase=1.15	
Vert: 1-7	=-32(F=-20), 7-9=-10	1(F=-20), 9-15=-32(F=-20), 28-32=-2	20(F), 20-22=-20(F)			
Concentrated Lo Vert: 23=	ads (ID) 150 51=-150					
129) Reversal: 8th Un Uniform Loads (r	bal.1st User Defined	Moving Load - Dead + Snow (balan	ced)-Parallel: Lumber Incre	ase=1.1	5, Plate Increase=1.15	
Vert: 1-3	6=-60(F=-20), 7-36=- ads (lb)	101(F=-20), 7-9=-32(F=-20), 9-45=-	101(F=-20), 15-45=-60(F=-2	20), 28-3	32=-20(F), 20-22=-20(F)	
Vert: 23=	-150 51=-150				5 DI (1) ((5	
130) Reversal: 7th Un Uniform Loads (p	bal.1st User Defined	Moving Load - Dead + Snow (balan	ced)-Parallel: Lumber Incre	ase=1.1	5, Plate Increase=1.15	
Vert: 1-7 Concentrated Lo	=-32(F=-20), 7-9=-10 ads (lb)	1(F=-20), 9-15=-32(F=-20), 28-32=-2	20(F), 20-22=-20(F)			
Vert: 23=	-150 51=-150	Moving Load - Dead + Snow (balan	ced)-Parallel: Lumber Incre	260=1 1	5 Plate Increase=1 15	
Uniform Loads (p	blf)					
Concentrated Lo	6=-60(F=-20), 7-36=- ads (lb)	101(F=-20), 7-9=-32(F=-20), 9-45=-	101(F=-20), 15-45=-60(F=-3	20), 28-3	32=-20(F), 20-22=-20(F)	
Vert: 23= 132) Reversal: 7th Un	-150 51=-150 bal.1st User Defined	Moving Load - Dead + Snow (balan	ced)-Parallel: Lumber Incre	ase=1.1	5. Plate Increase=1.15	
Uniform Loads (p	b(f) = 32(E - 20) = 70 - 10	1/E- 20) 0 15- 22/E- 20) 28 22- 4	20(E) 20 22- 20(E)			
Concentrated Lo	ads (lb)	1(1 20), 9-1332(1 20), 20-32	20(1), 20-2220(1)			ANNALIZATION.
133) Reversal: 8th Un	-150 51=-150 bal.1st User Defined	Moving Load - Dead + Snow (balan	ced)-Parallel: Lumber Incre	ase=1.1	5, Plate Increase=1.15	WINNETH CARO
Uniform Loads (p Vert: 1-3	olf) 6=-60(F=-20), 7-36=-	101(F=-20), 7-9=-32(F=-20), 9-45=-	101(F=-20), 15-45=-60(F=-;	20). 28-3	32=-20(F), 20-22=-20(F)	OFESSION
Concentrated Lo	ads (lb)		,	.,, 200		Contraction of the second seco
134) Reversal: 7th Un	bal.1st User Defined	Moving Load - Dead + Snow (balan	ced)-Parallel: Lumber Incre	ase=1.1	5, Plate Increase=1.15	28147
Uniform Loads (p Vert: 1-7	oit) =-32(F=-20), 7-9=-10 ⁻	1(F=-20), 9-15=-32(F=-20), 28-32=-2	20(F), 20-22=-20(F)		(HIII)	
Concentrated Lo Vert: 23=	ads (lb) 150 51=-150				11mm	1 NOINEER S
135) Reversal: 8th Un	bal.1st User Defined	Moving Load - Dead + Snow (balan	ced)-Parallel: Lumber Incre	ase=1.1	5, Plate Increase=1.15	K. MORMUN
Vort: 1-3	6=-60(F=-20). 7-36=-	101(F=-20), 7-9=-32(F=-20), 9-45=-	101(F=-20) 15-45=-60(F=-)	20) 28-3	32=-20(F), 20-22=-20(F)	

	LOT 30 PROVIDENCE CREEK 65 COTTONSEED LANE FUQUAY-VARINA, NO
24-0138-R01 R02 Piggyback Base 9 1	Job Reference (optional) # 44031

Run: 8.430 s Feb 12 2021 Print: 8.430 s Feb 12 2021 Mirek Industries, Inc. Wed Jan 10 17:18:21 2024 Page 4 ID:kHdPkcON9g3 0lfrDBlgKRzexCS-LTvctTRsg7ALtPrBW5vxbKTG5owq?a?7k2juWizwiXG

ID:KHdPKcON9g3_01frDBigi	<pre>KRZexCS-L1vct1Rsg/ALtPrBW5vxbK1G5owq?a?/k2juv</pre>
LOAD CASE(S)	
Concentrated Loads (lb) Vert: 23=-150 51=-150	
136) Reversal: 7th Unbal.1st User Defined Moving Load - Dead + Snow (balanced)-Parallel: Lumber Increase=1.15, Plat Uniform Loads (plf)	e Increase=1.15
Vert: 1-7=-32(F=-20), 7-9=-101(F=-20), 9-15=-32(F=-20), 28-32=-20(F), 20-22=-20(F) Concentrated Loads (lb)	
Vert: 23=-150 51=-150 137) Reversal: 8th Unbal. 1st User Defined Moving Load - Dead + Snow (balanced)-Parallel: Lumber Increase=1.15, Plat User for a location of the second	e Increase=1.15
Vert: 1-36=-60(F=-20), 7-36=-101(F=-20), 7-9=-32(F=-20), 9-45=-101(F=-20), 15-45=-60(F=-20), 28-32=-20 Concentrated Loads (lb)	(F), 20-22=-20(F)
Vert: 23=-150 51=-150 138) 1st User Defined Moving Load - Dead + Snow (balanced): Lumber Increase=1.15, Plate Increase=1.15	
Uniform Loads (pir) Vert: 1-7=-60(F), 7-9=-60(F), 9-15=-60(F), 28-32=-20(F), 20-22=-20(F) Concentrated Loads (lb)	
Vert: 23=-150 51=-150 139) 2nd User Defined Moving Load - Dead + Snow (balanced): Lumber Increase=1 15, Plate Increase=1 15	
Uniform Loads (plf) Vert: 1-7=-60(F), 7-9=-60(F), 9-15=-60(F), 28-32=-20(F), 20-22=-20(F)	
Concentrated Loads (lb) Vert: 51=-150 52=-150	
140) 3rd User Defined Moving Load - Dead + Snow (balanced): Lumber Increase=1.15, Plate Increase=1.15 Uniform Loads (plf)	
Vert: 1-7=-60(F), 7-9=-60(F), 9-15=-60(F), 28-32=-20(F), 20-22=-20(F) Concentrated Loads (lb)	
Vert: 52=-150 53=-150 141) 4th User Defined Moving Load - Dead + Snow (balanced): Lumber Increase=1.15, Plate Increase=1.15	
Vert: 1-7=-60(F), 7-9=-60(F), 9-15=-60(F), 28-32=-20(F), 20-22=-20(F) Concentrated Loads (lb)	
Vert: 53=-150 55=-150 142) 5th User Defined Moving Load - Dead + Snow (balanced): Lumber Increase=1.15, Plate Increase=1.15	
Uniform Loads (pit) Vert: 1-7=-60(F), 7-9=-60(F), 9-15=-60(F), 28-32=-20(F), 20-22=-20(F) Concentrated Loads (lb)	
Vert: 18=-150 54=-150 143) 7th Unbal.1st User Defined Moving Load - Dead + Snow (balanced)-Parallel: Lumber Increase=1.15, Plate Increase	e=1.15
Uniform Loads (plf) Vert: 1-7=-32(F=-20), 7-9=-101(F=-20), 9-15=-32(F=-20), 28-32=-20(F), 20-22=-20(F) Concentrated Loads (lb)	
Vert: 23150 51=-150 144) 8th Unbal.1st User Defined Moving Load - Dead + Snow (balanced)-Parallel: Lumber Increase=1.15. Plate Increase	e=1.15
Uniform Loads (plf) Vert: 1-36=-60(F=-20), 7-36=-101(F=-20), 7-9=-32(F=-20), 9-45=-101(F=-20), 15-45=-60(F=-20), 28-32=-20	(F), 20-22=-20(F)
Concentrated Loads (lb) Vert: 23=-150 51=-150	
145) 7th Unbal.1st User Defined Moving Load - Dead + Snow (balanced)-Parallel: Lumber Increase=1.15, Plate Increase Uniform Loads (plf)	ə=1.15
Vert: 1-7=-32(F=-20), 7-9=-101(F=-20), 9-15=-32(F=-20), 28-32=-20(F), 20-22=-20(F) Concentrated Loads (lb) Vert: 23=-150, 51=-150	
146) 8th Unbal.1st User Defined Moving Load - Dead + Snow (balanced)-Parallel: Lumber Increase=1.15, Plate Increase	e=1.15
Vert: 1.36=-60(F=-20), 7-36=-101(F=-20), 7-9=-32(F=-20), 9-45=-101(F=-20), 15-45=-60(F=-20), 28-32=-20 Concentrated Loads (lb)	(F), 20-22=-20(F)
Vert: 23=-150 51=-150 147) 7th Unbal.1st User Defined Moving Load - Dead + Snow (balanced)-Parallel: Lumber Increase=1.15, Plate Increase	e=1.15
Uniform Loads (plf) Vert: 1-7=-32(F=-20), 7-9=-101(F=-20), 9-15=-32(F=-20), 28-32=-20(F), 20-22=-20(F)	
Concentrated Loads (lb) Vert: 23=-150 51=-150	
148) 8th Unbal.1st User Defined Moving Load - Dead + Snow (balanced)-Parallel: Lumber Increase=1.15, Plate Increase Uniform Loads (plf)	(E) 00 00 00(E)
Vert: 1-36=-60(F=-20), 7-36=-101(F=-20), 7-9=-32(F=-20), 9-45=-101(F=-20), 15-45=-60(F=-20), 28-32=-20 Concentrated Loads (lb) Vert: 23=-150 51=-150	(F), 20-22=-20(F)
149) 7th Unbal.1st User Defined Moving Load - Dead + Snow (balanced)-Parallel: Lumber Increase=1.15, Plate Increase Uniform Loads (olf)	=1.15
Vert: 1-7=-32(F=-20), 7-9=-101(F=-20), 9-15=-32(F=-20), 28-32=-20(F), 20-22=-20(F) Concentrated Loads (lb)	SEAL 28147
150) 8th Unbal.1st User Defined Moving Load - Dead + Snow (balanced)-Parallel: Lumber Increase=1.15, Plate Increase	=1.15
Uniform Loads (plf) Vert: 1-36=-60(F=-20), 7-36=-101(F=-20), 7-9=-32(F=-20), 9-45=-101(F=-20), 15-45=-60(F=-20), 28-32=-20 Concentrated Loads (lb)	(F), 20-22=-20(F) - 4 A OINEER BOUND
Vert: 23=-150 51=-150	Mark. Mount
	1/9/2024

Base 188 (n) Not Page 100	Job	Truss	Truss Type	Qty	Ply	LOT 30 PROVIDENCE CR	REEK 65 COTTONSEED LANE FUC	QUAY-VARINA, N
 In the 12 bit 12	24-0138-R01	R02	Piggyback Base	9	1	Job Reference (optiona	al) # 440)31
<pre>Lab Category 10 / In Links (Links Online) Cate / Data / Sov (palanced)-Parallel: Lumber Increase=1.15. Plate Increase=1.15 Uniform Lands (pf) Wer 23=150 3=1-10 So (Links Category), 7:8=-101 (In-20), 9:16-32(F=20), 9:352=-20(F), 20:22=-20(F) Conserting Links Online Delta Moving Land / Data / Sov (palanced)-Parallel: Lumber Increase=1.15. Plate Increase=1.15 Uniform Links (pf) Wer 23=150 3=1-10 So (Links Links Category), 7:8=-101 (F=20), 7:8=-30(F=20), 9:32=-20(F), 20:22=-20(F) Conserting Links (pf) Wer 1:7=30(F=10), 7:8=-101(F=20), 7:8=-30(F=20), 9:32=-20(F), 20:22=-20(F) Wer 1:7=30(F=10), 7:8=-101(F=20), 7:8=-30(F=20), 9:32=-20(F), 20:22=-20(F) Wer 1:7=30(F=10), 7:8=-101(F=20), 7:8=-30(F=20), 9:32=-20(F), 20:22=-20(F) Wer 1:7=30(F=10) Wer 1:7=30(F=10) Wer</pre>				Run: 8.430 s Feb 12 ID:kHdPkcO	2021 Print N9g3 0lfi	: 8.430 s Feb 12 2021 MiTek DBIgKRzexCS-LTvctTR	k Industries, Inc. Wed Jan 10 17:18:2 \sg7ALtPrBW5vxbKTG5owq?a?7	1 2024 Page 5 7k2juWizwiXG
 (1) This full that for Defines Moving Load - Dead + Show (balanced)-Parallel: Lumber Increase=1.15, Plate Increase=1.15 (1) This for the Moving Load - Dead + Show (balanced)-Parallel: Lumber Increase=1.15, Plate Increase=1.15 (1) This for Defines Moving Load - Dead + Show (balanced)-Parallel: Lumber Increase=1.15, Plate Increase=1.15 (1) This for Defines Moving Load - Dead + Show (balanced)-Parallel: Lumber Increase=1.15, Plate Increase=1.15 (1) This for Defines Moving Load - Dead + Show (balanced)-Parallel: Lumber Increase=1.15, Plate Increase=1.15 (1) This for Defines Moving Load - Dead + Show (balanced)-Parallel: Lumber Increase=1.15, Plate Increase=1.15 (1) This for Defines Moving Load - Dead + Show (balanced)-Parallel: Lumber Increase=1.15, Plate Increase=1.15, Pl						-		-
Uniform Leads (pf) Vert 224-100 51-100 Vert 224-100 51-100 Vert 224-100 51-100 Vert 224-100 51-100 Vert 224-100 51-100 Vert 224-100 51-100 Vert 234-100 F1-00 Vert 324-100 F1-00	151) 7th Unbal.1st	User Defined Moving Loa	d - Dead + Snow (balanced)-Paralle	el: Lumber Increase=1.15,	Plate Inc	crease=1.15		
Concerning Load (b) Wet 23-15 051-10 Wet 13-051-051-05 Wet 13-051-051-05 Wet 13-051-051-05 Wet 13-051-051-05 Wet 13-051-051-05 Wet 13-051-051-05 Wet 13-051-05 Wet 13-051-05 Wet 13-05-051-05 Wet 13-05-051-05 Wet 13-05-050-05 Wet 13-05-050 Wet 13-05-050 Wet 13-05-050 Wet 13-05-050 Wet 13-05-050 Wet 13-05-050 Wet 13-05-050 Wet 13-05-050 Wet 13-05-050 Wet 13-050-050 Wet 13-050 Wet 13-050 We	Uniform Load	s (plf) 1-7=-32(F=-20)_7-9=-101((F=-20) 9-15=-32(F=-20) 28-32=-20)(F) 20-22=-20(F)				
 (a) the Vert 23-180 (1) the Defined Working Load - Dead + Show (balanced)-Parallet. Lumber Increase=1.15, Plate Increase=1.15 (b) the Vert 1-3800(F-20), 7-3810((F=20), 0-4510(F=20), 16-4500(F=20), 28-3220(F), 20-2220(F) (c) The Vert 1-3800(F-20), 7-3810(F=20), 9-1532(F=20), 28-3220(F), 20-2220(F) (c) The Vert 1-373800(F-20), 7-3810(F=20), 9-1532(F=20), 28-3220(F), 20-2220(F) (c) The Vert 1-373800(F-20), 7-832(F=20), 28-3220(F), 20-2220(F) (c) The Vert 1-373800(F-20), 7-832(F=20), 28-3220(F), 28-3220(F), 20-2220(F) (c) The Vert 1-373800(F=20), 7-832(F=20), 28-3220(F), 28-3220(F), 28-3220(F), 20-2220(F) (c) The Vert 1-37-00(F=20), 7-832(F=20), 28-3220(F), 28-3220(F), 28-3220(F), 20-2220(F) (c) The Vert 1-37-00(F=20), 7-832(F=20), 28-3220(F), 28-3220(F), 28-3220(F), 20-2220(F) (c) The Vert 1-37-00(F=20), 7-832(F=20), 28-3220(F), 28-3220(F), 20-2220(F) (c) The Vert 1-37-00(F=20), 7-832(F=20), 28-3220(F), 20-2220(F) (c) The Vert 1-37-00(F=20), 7-832(F=20), 28-3220(F), 20-2220(F) (c) The Vert 1-37-00(F=20), 7-832(F=20), 28-3220(F), 20-2220(F) (c) The Vert 1-37-20(F), 20-20(F), 7-932(F=20), 28-3220(F), 20-2220(F) (c) The Vert 1-37-20(F), 20-20(F), 7-932(F=20), 28-3220(F), 20-2220(F) (c) The Vert 1-37-20(F), 20-10(F=20), 7-932(F=20), 28-3220(F), 20-22-20(F) (c) The Vert 1-37-20(F), 20-7-01(F=20), 9-1532(F=20), 28-3220(F), 20-2220(F) (c) The Vert 1-37-20(F), 20-7-01(F=20), 7-932(F=20), 28-3220(F), 20-22-20(F) (c) The Vert 1-37-20(F), 20-7-01(F=20), 7-932(F=20), 28-3220(F), 20-2220(F) (c) The Vert 1-37-20(F), 20-7-01(F=20), 7-932(F=20), 28-3220(F), 20-2220(F) (c) The Vert 1-37-20(F), 20-7-10(F=20), 7-932(F=20), 28-3220(F), 20-2220(F) (c) The Vert 1-37-20(F), 20-7-10(F=2	Concentrated	Loads (lb)	1 - 20, $3 - 10 - 02$ $(1 - 20)$, $20 - 02 - 20$	(i), 20-22-20(i)				
Uniform Loads (pf) Ver. 12-32-300 (F = 20), 7-36-101(F = 20), 7-45-32(F = 20), 54-55-40(F = 20), 28-32-20(F), 20-22-20(F) Concentrated Lase Defined Moving Load - Dead + Snow (balanced)-Parallel: Lumber Increase=1.15, Plate Increase=1.15 (Plate Increase) (Plate Defined Moving Load - Dead + Snow (balanced)-Parallel: Lumber Increase=1.15, Plate Increase=1.15 (Plate Increase) (Plate Defined Moving Load - Dead + Snow (balanced)-Parallel: Lumber Increase=1.15, Plate Increase=1.15 (Plate Increase) (Plate Defined Moving Load - Dead + Snow (balanced)-Parallel: Lumber Increase=1.15, Plate Increase=1.15 (Plate Increase) (Plate Defined Moving Load - Dead + Snow (balanced)-Parallel: Lumber Increase=1.15, Plate Increase=1.15 (Plate Increase) (Plate Increase) (Plate Increase) (Plate Increase=1.15, Plate Increase=1.15) (Plate Increase) (Plate Increase) (Plate Increase) (Plate Increase=1.15, Plate Increase=1.15) (Plate Increase) (Plate Increase) (Plate Increase) (Plate Increase) (Pl	Vert: 2 152) 8th Unbal.1st	23=-150 51=-150 User Defined Moving Loa	d - Dead + Snow (balanced)-Paralle	el: Lumber Increase=1.15,	Plate Inc	crease=1.15		
Concentrated Loads (b) 19 (23) 7th Urbal 11 Liter Defined Moorg Load - Dead + Snow (balanced)-Parallet Lumber Increase=1.15, Plate Increase=1.15 10 (23) 7th Urbal 11 Liter Defined Moorg Load - Dead + Snow (balanced)-Parallet Lumber Increase=1.15, Plate Increase=1.15 10 (23) 7th Urbal 11 Liter Defined Moorg Load - Dead + Snow (balanced)-Parallet Lumber Increase=1.15, Plate Increase=1.15 10 (23) 7th Urbal 11 Liter Defined Moorg Load - Dead + Snow (balanced)-Parallet Lumber Increase=1.15, Plate Increase=1.15 10 (23) 7th Urbal 11 Liter Defined Moorg Load - Dead + Snow (balanced)-Parallet Lumber Increase=1.15, Plate Increase=1.15 10 (23) 7th Urbal 11 Liter Defined Moorg Load - Dead + Snow (balanced)-Parallet Lumber Increase=1.15, Plate Increase=1.15 10 (23) 7th Urbal 11 Liter Defined Moorg Load - Dead + Snow (balanced)-Parallet Lumber Increase=1.15, Plate Increase=1.15 10 (23) 7th Urbal 11 Liter Defined Moorg Load - Dead + Snow (balanced)-Parallet Lumber Increase=1.15, Plate Increase=1.15 10 (23) 7th Urbal 11 Liter Defined Moorg Load - Dead + Snow (balanced)-Parallet Lumber Increase=1.15, Plate Increase=1.15 10 (23) 7th Urbal 11 Liter Defined Moorg Load - Dead + Snow (balanced)-Parallet Lumber Increase=1.15, Plate Increase=1.15 10 (23) 7th Urbal 11 Liter Defined Moorg Load - Dead + Snow (balanced)-Parallet Lumber Increase=1.15, Plate Increase=1.15 10 (23) 7th Urbal 11 Liter Defined Moorg Load - Dead + Snow (balanced)-Parallet Lumber Increase=1.15, Plate Increase=1.15 10 (23) 7th Urbal 11 Liter Defined Moorg Load - Dead + Snow (balanced)-Parallet Lumber Increase=1.15, Plate Increase=1.15 10 (23) 7th Urbal 11 Liter Defined Moorg Load - Dead + Snow (balanced)-Parallet Lumber Increase=1.15, Plate Increase=1.15 10 (23) 7th Urbal 11 Liter Defined Moorg Load - Dead + Snow (balanced)-Parallet Lumber Increase=1.15, Plate Increase=1.15 10 (24) 7th Urbal 11 Liter Defined Moorg Load - Dead + Snow (balanced)-Parallet Lumber Increase=1.15, Plate Increase=1.15 10 (24) 7th Urbal 11 Liter Defined Moorg Load - Dead +	Uniform Load	s (plf) 1 26- 60(E- 20) 7 26- 10))))))))))))))	1/E- 20) 15 45- 60/E- 2	01 20 24	2- 20(E) 20 22- 20(E)		
 Vert. 23+ 160 51+160 Vert. 17+32(7+20).7-8-101(F=20), 8-15+32(F=20), 28-32+20(F), 20-22+20(F) Concentrated Loads (b) Vert. 17+32(7+20).7-8-101(F=20), 8-15+32(F=20), 28-32+20(F), 20-22+20(F) Vert. 150+20(F), 20, 730+10(F=20), 7-9-32(F=20), 0.45+10(F=20), 15-45=00(F=20), 28-32+20(F), 20-22+20(F) Vert. 150+20(F), 20, 730+10(F=20), 9-32(F=20), 24-25+10(F=20), 28-32+20(F), 20-22+20(F) Vert. 150+20(F), 20, 20, 20, 20, 15-32(F=20), 28-32+20(F), 20-22+20(F) Vert. 150+20(F), 20, 20, 20, 15-32(F=20), 24-5+10(F=20), 15-45=00(F=20), 28-32+20(F), 20-22+20(F) Vert. 150+20(F), 20, 20, 20, 20, 20, 20, 20, 20, 20, 20	Concentrated	Loads (lb)	JT(F=-20), 7-932(F=-20), 9-4310	J1(F20), 15-4500(F2	.0), 20-34	220(F), 20-2220(F))	
(b) (Intern Loads (p)) Wet 1-7-32[F=20], 7-9a-10[F=20], 4-15-20[F=20], 2-32-20[F], 20-22-20[F] Concentrated Leads (b) 150 (b) 310 (b) (b) 140 (b) 150 150 (b) 310 (b) (b) 140 (b) 140 (b) 200 (1-16-20), 1-9-32[F=20], 24-32-20[F], 20-22-20[F] 20-22-20[F] Concentrated Leads (b) 150 (b) 310 (b) (b) 140 (b) 140 (b) 200 (1-16-20), 1-9-32[F=20], 24-32-20[F), 20-22-20[F] 20-32-20[F] Concentrated Leads (b) 150 (1-16-20), 1-9-32[F=20], 29-32-20[F] 20-32-20[F] Concentrated Leads (b) 150 (1-16-20), 1-9-32[F=20], 29-32-20[F] 20-22-20[F] Concentrated Leads (b) 150 (1-16-20), 1-9-32[F=20], 29-32-20[F], 20-22-20[F] 20-22-20[F] Concentrated Leads (b) 150 (1-16-20), 1-9-32[F=20], 29-32-20[F], 20-22-20[F] 20-22-20[F] Concentrated Leads (b) 12-20, 7-9-32[F=20], 29-32-20[F], 20-22-20[F] 20-22-20[F] Concentrated Leads (b)	Vert: 2 153) 7th Unbal 1st	23=-150 51=-150 User Defined Moving Loa	d - Dead + Snow (balanced)-Paralle	l: Lumber Increase=1 15	Plate Inc	rease=1 15		
Over 11 = 5.24(7) // Inferror (Inferror), 9-16=20(F=20), 29-32(F=20), 29-32(F), 20-32(F=20), 29-32(F=20), 29-32(F), 20-32(F=20), 29-32(F=20), 29-32(F), 20-32(F=20), 29-32(F), 20-32(F=20), 29-32(F), 20-32(F=20), 29-32(F), 20-32(F), 20-32(F)	Uniform Load	s (plf)						
 Vert: 23-105 01-100 Vert: 1-38-80(07-20), 7-38-101(F=20), 7-48-32(F=20), 8-45-101(F=20), 15-45-80(F=20), 28-32-20(F), 20-22-20(F) Concentrated Loads (b) Vert: 23-105 31-100 Vert: 23-105 21-100 V	Concentrated	1-7=-32(F=-20), 7-9=-101(Loads (lb)	(F=-20), 9-15=-32(F=-20), 28-32=-20	J(F), 20-22=-20(F)				
(s) or unique is being home in known provide the start of the (balanced)-Parallel. Lumber Increase 1.15, Plate	Vert: 2	23=-150 51=-150	d Dood (Snow (balanced) Derell	lu lumbor Ingrago = 1.1E	Diata Inc	raaaa-1 15		
 Vert. 1-38-e0(F)=20, 7-38-101(F=20), 7-9-32(F=20), 9-45-101(F=20), 15-45-e0(F=20), 28-32-20(F), 20-22-20(F) (153) 7th Urbai, 1st User Defined Moving Load - Dead + Snow (balanced)-Parallel: Lumber Increase=1.15, Plate Increase=1.15 (156) 7th Urbai, 1st User Defined Moving Load - Dead + Snow (balanced)-Parallel: Lumber Increase=1.15, Plate Increase=1.15 (157) 7th Urbai, 1st User Defined Moving Load - Dead + Snow (balanced)-Parallel: Lumber Increase=1.15, Plate Increase=1.15 (157) 7th Urbai, 1st User Defined Moving Load - Dead + Snow (balanced)-Parallel: Lumber Increase=1.15, Plate Increase=1.15 (157) 7th Urbai, 1st User Defined Moving Load - Dead + Snow (balanced)-Parallel: Lumber Increase=1.15, Plate Increase=1.15 (157) 7th Urbai, 1st User Defined Moving Load - Dead + Snow (balanced)-Parallel: Lumber Increase=1.15, Plate Increase=1.15 (158) 8th Urbai, 1st User Defined Moving Load - Dead + Snow (balanced)-Parallel: Lumber Increase=1.15, Plate Increase=1.15 (158) 8th Urbai, 1st User Defined Moving Load - Dead + Snow (balanced)-Parallel: Lumber Increase=1.15, Plate Increase=1.15 (159) 7th Urbai, 1st User Defined Moving Load - Dead + Snow (balanced)-Parallel: Lumber Increase=1.15, Plate Increase=1.15 (150) 7th Urbai, 1st User Defined Moving Load - Dead + Snow (balanced)-Parallel: Lumber Increase=1.15, Plate Increase=1.15 (150) 7th Urbai, 1st User Defined Moving Load - Dead + Snow (balanced)-Parallel: Lumber Increase=1.15, Plate Increase=1.15 (151) 7th Urbai, 1st User Defined Moving Load - Dead + Snow (balanced)-Parallel: Lumber Increase=1.15, Plate Increase=1.15 (151) 7th Urbai, 1st User Defined Moving Load - Dead + Snow (balanced)-Parallel: Lumber Increase=1.15, Plate Increase=1.15 (151) 7th Urbai, 1st User Defined Moving Load - Dead + Snow (balanced)-Parallel: Lumber Increase=1.15, Plate Increase=1.15 (152) 7th Urbai, 1st User Defined Moving Load - Dead + Snow (balanced)-P	Uniform Load	s (plf)	u - Deau + Show (balanceu)-Paralle	a. Lumber increase-1.15,	Plate inc	rease-1.15		
Vert. 22a-150 51-160	Vert: ²	1-36=-60(F=-20), 7-36=-10	01(F=-20), 7-9=-32(F=-20), 9-45=-10	01(F=-20), 15-45=-60(F=-2	20), 28-32	2=-20(F), 20-22=-20(F)		
 (15) Th Unball 13 User Defined Moring Load - Dead + Snow (balanced)-Parallet: Lumber Increase=1.15, Plate Increase=1.15 (15) Th Unball 13 User Defined Moring Load - Dead + Snow (balanced)-Parallet: Lumber Increase=1.15, Plate Increase=1.15 (15) Bit Unball 13 User Defined Moring Load - Dead + Snow (balanced)-Parallet: Lumber Increase=1.15, Plate Increase=1.15 (15) Th Unball 13 User Defined Moring Load - Dead + Snow (balanced)-Parallet: Lumber Increase=1.15, Plate Increase=1.15 (15) Th Unball 13 User Defined Moring Load - Dead + Snow (balanced)-Parallet: Lumber Increase=1.15, Plate Increase=1.15 (15) Th Unball 14 User Defined Moring Load - Dead + Snow (balanced)-Parallet: Lumber Increase=1.15, Plate Increase=1.15 (15) Th Unball 14 User Defined Moring Load - Dead + Snow (balanced)-Parallet: Lumber Increase=1.15, Plate Increase=1.15 (15) Th Unball 14 User Defined Moring Load - Dead + Snow (balanced)-Parallet: Lumber Increase=1.15, Plate Increase=1.15 (16) Th Unball 14 User Defined Moring Load - Dead + Snow (balanced)-Parallet: Lumber Increase=1.15, Plate Increase=1.15 (16) Th Unball 14 User Defined Moring Load - Dead + Snow (balanced)-Parallet: Lumber Increase=1.15, Plate Increase=1.15 (17) Th Unball 15 User Defined Moring Load - Dead + Snow (balanced)-Parallet: Lumber Increase=1.15, Plate Increase=1.15 (18) Bit Unball 141 User Defined Moring Load - Dead + Snow (balanced)-Parallet: Lumber Increase=1.15, Plate Increase=1.15 (19) Th Unball 15 User Defined Moring Load - Dead + Snow (balanced)-Parallet: Lumber Increase=1.15, Plate Increase=1.15 (10) Bit Unball 15 User Defined Moring Load - Dead + Snow (balanced)-Parallet: Lumber Increase=1.15, Plate Increase=1.15 (11) Throws 14 User Defined Moring Load - Dead + Snow (balanced)-Parallet: Lumber Increase=1.15, Plate Increase=1.15 (11) Throws 14 User Defined Moring Load - Dead + Snow (balanced)-Parallet: Lumber Increase=1.15, Plat	Vert: 2	23=-150 51=-150						
Vert 1, 7=32(F=20), 7.4=-101(F=20), 9-15=-32(F=20), 28-32=-20(F). 20-22=-20(F) Concentrated Loads (b) Vert 1, 7=32(F=20), 7.38=-101(F=20), 7.9=-32(F=20), 9.45=-101(F=-20), 15-45=-60(F=-20), 28-32=-20(F). 20-22=-20(F) Concentrated Loads (b) Vert 1, 10=0 Vert 1, 10=0 (D) Thomai 1st User Defined Moving Load - Dead + Snow (balanced)-Parallel: Lumber Increase=1.15 Uniform Loads (pl) Vert 23=-150 51=-150 Vert 1, 10=0 (D) Vert 23=-150	155) 7th Unbal.1st Uniform Load	User Defined Moving Loa s (plf)	d - Dead + Snow (balanced)-Paralle	el: Lumber Increase=1.15,	Plate Inc	crease=1.15		
Water 228-150 9] = 150 105 Bit Wurder 11 User Defined Moving Load - Dead + Snow (balanced)-Parallel: Lumber Increase=1.15, Plate Increase=1.15 107 Thu Unstat User Defined Moving Load - Dead + Snow (balanced)-Parallel: Lumber Increase=1.15, Plate Increase=1.15 107 Thu Unstat User Defined Moving Load - Dead + Snow (balanced)-Parallel: Lumber Increase=1.15, Plate Increase=1.15 107 Thu Unstat User Defined Moving Load - Dead + Snow (balanced)-Parallel: Lumber Increase=1.15, Plate Increase=1.15 108 Distribution 108-60(F) 109 Wort 23=150 51=-150 109 Wort 23=150 51=-150 100 Wort 23=150 51=-150 100 Wort 23=150 51=-150 101 Wort 130=0(F=-20), 7-3=-32(F=-20), 28-32=-20(F), 20-22=-20(F) Consentrated Loads (P) 101 Wort 130=0(F=-20), 7-3=-32(F=-20), 28-32=-20(F), 20-22=-20(F) Consentrate 1 Loads (P) 101 Wort 130=0(F=-20), 7-3=-32(F=-20), 28-32=-20(F), 20-22=-20(F) Consentrate 1 Loads (P) 101 Wort 130=0(F=-20), 7-3=-32(F=-20), 28-32=-20(F), 20-22=-20(F) Consentrate 1 Loads (P) 101 Wort 130=0(F=-20), 7-3=-32(F=-20), 28-32=-20(F), 20-22=-20(F) <td>Vert: 2</td> <td>1-7=-32(F=-20), 7-9=-101</td> <td>(F=-20), 9-15=-32(F=-20), 28-32=-20</td> <td>0(F), 20-22=-20(F)</td> <td></td> <td></td> <td></td> <td></td>	Vert: 2	1-7=-32(F=-20), 7-9=-101	(F=-20), 9-15=-32(F=-20), 28-32=-20	0(F), 20-22=-20(F)				
 (56) Bit Unbal. 11 User Defined Moving Load - Dead + Snow (balanced)-Parallel: Lumber Increase=1.15, Plate Increase=1.15 Uniform Loads (III) Vert. 1-38-80(F=20), 7-38-101(F=20), 8-15=32(F=20), 28-32=20(F), 20-22=20(F) (75) Th Unbal. 11 User Defined Moving Load - Dead + Snow (balanced)-Parallel: Lumber Increase=1.15, Plate Increase=1.15 Uniform Loads (III) Vert. 1-7=32(F=20), 7-98-101(F=20), 9-15=32(F=20), 28-32=20(F), 20-22=-20(F) (7) Th Unbal. 15 User Defined Moving Load - Dead + Snow (balanced)-Parallel: Lumber Increase=1.15, Plate Increase=1.15 Uniform Loads (III) Vert. 1-38-60(F=20), 7-38=-101(F=-20), 9-45=-101(F=-20), 15-45=-60(F=-20), 28-32=-20(F), 20-22=-20(F) (7) Concentrate Loads (III) Vert. 1-38=60(F=-20), 7-38=-101(F=-20), 9-45=-101(F=-20), 15-45=-60(F=-20), 28-32=-20(F), 20-22=-20(F) (7) Th Unbal. 15 User Defined Moving Load - Dead + Snow (balanced)-Parallel: Lumber Increase=1.15, Plate Increase=1.15 (1) Uniform Loads (III) Vert. 23=-150 51=-150 (1) Uniform Loads (III) Vert. 23=-150 51=-150 (2) Th Unbal. 15 User Defined Moving Load - Dead + Snow (balanced)-Parallel: Lumber Increase=1.15, Plate Increase=1.15 (1) Uniform Loads (III) Vert. 23=-150 51=-150 (2) Bit Unbal. 15 User Defined Moving Load - Dead + Snow (balanced)-Parallel: Lumber Increase=1.15, Plate Increase=1.15 (2) Bit Unbal. 15 User Defined Moving Load - Dead + Snow (balanced)-Parallel: Lumber Increase=1.15, Plate Increase=1.15 (3) Bit Unbal. 15 User Defined Moving Load - Dead + Snow (balanced)-Parallel: Lumber Increase=1.15, Plate Increase=1.15 (3) Th Unbal. 15 User Defined Moving Load - Dead + Snow (balanced)-Parallel: Lumber Increase=1.15, Plate Increase=1.15 (4) Inform Loads (III) Vert. 23=-150 51=-150 (5) Unbal. 15. User Defined Moving Load - Dead + Snow (balanced)-Parallel: Lumber Increase=1.15, Plate Increase=1.15 (4) Inform Loads (III) Vert. 23=-150 51=-150 (5) Unbal. 15. User Defi	Vert: 2	23=-150 51=-150						
Year: 1-36=40[F=20], 7-36=-101[F=20], 7-9=-32[F=20], 9-45=-101[F=20], 15-45=-60[F=20], 28-32=-20[F], 20-22=-20[F] Concentrate Loads (D) Year: 23=-150 51=-150 York: 153=-60[F=20], 7-9=-101[F=20], 9-15=-32[F=20], 28-32=-20[F], 20-22=-20[F] Concentrate Loads (D) Wert: 1-38=40[F=20], 7-36=-101[F=20], 9-15=-32[F=-20], 28-32=-20[F], 20-22=-20[F] Concentrate Loads (D) Year: 1-38=40[F=20], 7-36=-101[F=20], 7-9=-32[F=-20], 9-45=-101[F=-20], 15-45=-60[F=20], 28-32=-20(F), 20-22=-20(F) Concentrate Loads (D) Year: 1-7=33[F=20], 7-9=-101[F=20], 9-15=-32[F=-20], 28-32=-20(F), 20-22=-20(F) Concentrate Loads (D) Year: 1-7=33[F=20], 7-9=-101[F=20], 7-9=-32[F=-20], 28-32=-20(F), 20-22=-20(F) Concentrate Loads (D) Year: 1-7=-33[F=20], 7-9=-101[F=20], 7-9=-32[F=-20], 28-32=-20(F), 20-22=-20(F) Concentrate Loads (D) Year: 1-7=-30[F=20], 7-9=-101[F=20], 7-9=-32[F=-20], 28-32=-20(F), 20-22=-20(F) Concentrate Loads (D) Year: 1-38=60[F=-20], 7-38=-101[F=20], 7-9=-32[F=-20], 28-32=-20(F), 20-22=-20(F) Year: 1-38=60[F=20], 7-38=-101[F=20], 7-9=-32[F=-20], 28-32=-20(F), 20-22=-20(F) Concentrate Loads (D) Year: 1-38=60[F=20], 7-38=-101[F=20], 7-9=-32[F=-20], 28-32=-20(F), 20-22=-20(F) Concentrate Loads (D) Year: 1-38=60[F=20], 7-38=-101[F=2	156) 8th Unbal.1st	User Defined Moving Loa	d - Dead + Snow (balanced)-Paralle	el: Lumber Increase=1.15,	Plate Inc	crease=1.15		
 Concentrated Loads (b) (b) (c) The Vert 22a-150 51-150 (c) The Vert 23a-150 51-150<td>Vert:</td><td>1-36=-60(F=-20), 7-36=-10</td><td>01(F=-20), 7-9=-32(F=-20), 9-45=-10</td><td>01(F=-20), 15-45=-60(F=-2</td><td>20), 28-32</td><td>2=-20(F), 20-22=-20(F)</td><td>·)</td><td></td>	Vert:	1-36=-60(F=-20), 7-36=-10	01(F=-20), 7-9=-32(F=-20), 9-45=-10	01(F=-20), 15-45=-60(F=-2	20), 28-32	2=-20(F), 20-22=-20(F)	·)	
 (57) Th Unbal. 1st User Defined Moving Load - Dead + Snow (balanced)-Parallel: Lumber Increase=1.15, Plate Increase=1.15 Uniform Loads (plf) Vert. 23-e100 S1=e150 (58) Bit Unbal. 1st User Defined Moving Load - Dead + Snow (balanced)-Parallel: Lumber Increase=1.15, Plate Increase=1.15 Uniform Loads (plf) Vert. 23-e100 S1=e150 (59) Th Unbal. 1st User Defined Moving Load - Dead + Snow (balanced)-Parallel: Lumber Increase=1.15, Plate Increase=1.15 (50) Th Unbal. 1st User Defined Moving Load - Dead + Snow (balanced)-Parallel: Lumber Increase=1.15, Plate Increase=1.15 (50) Th Unbal. 1st User Defined Moving Load - Dead + Snow (balanced)-Parallel: Lumber Increase=1.15, Plate Increase=1.15 (50) Th Unbal. 1st User Defined Moving Load - Dead + Snow (balanced)-Parallel: Lumber Increase=1.15, Plate Increase=1.15 (50) Bit Unbal. 1st User Defined Moving Load - Dead + Snow (balanced)-Parallel: Lumber Increase=1.15, Plate Increase=1.15 (51) Th Unbal. 1st User Defined Moving Load - Dead + Snow (balanced)-Parallel: Lumber Increase=1.15, Plate Increase=1.15 (51) Bit Unbal. 1st User Defined Moving Load - Dead + Snow (balanced)-Parallel: Lumber Increase=1.15, Plate Increase=1.15 (51) Windin Loads (plf) (52) St Unbal. 1st User Defined Moving Load - Dead + Snow (balanced)-Parallel: Lumber Increase=1.15, Plate Increase=1.15 (51) Windin Loads (plf) (52) St Unbal. 1st User Defined Moving Load - Dead + Snow (balanced)-Parallel: Lumber Increase=1.15, Plate Increase=1.15 (52) St Unbal. 1st User Defined Moving Load - Dead + Snow (balanced)-Parallel: Lumber Increase=1.15, Plate Increase=1.15 (52) St Unbal. 1st User Defined Moving Load - Dead + Snow (balanced)-Parallel: Lumber Increase=1.15, Plate Increase=1.15 (53) Th Unbal. 1st User Defined Moving Load - Dead + Snow (balanced)-Parallel: Lumber Increase=1.15, Plate Increase=1.15 (54) Windin Loads (plf) (55) Th Unbal. 1st User Defined	Concentrated Vert: 2	Loads (lb) 23=-150 51=-150						
Online Vert 3-9-3 2(F=20), 7-9=-101(F=-20), 7-9=-32(F=20), 28-32=-20(F) Concentrated Loads (b) Vert 23150 51=-150 158 8h U-blat, 154 User Defined Moving Load - Dead + Snow (balanced)-Parallel: Lumber Increase=1.15, Plate Increase=1.15 Uniform Loads (pf) Vert 23150 51=-150 159) Th U-blat, 151 User Defined Moving Load - Dead + Snow (balanced)-Parallel: Lumber Increase=1.15, Plate Increase=1.15 Uniform Loads (pf) Vert 1-73-22(F=20), 7-9=-101(F=-20), 2-15=-32(F=-20), 28-45=-101(F=-20), 15-45=-60(F=-20), 28-32=-20(F) Concentrated Loads (b) Vert 1-73-22(F=20), 7-9=-101(F=-20), 7-9=-32(F=-20), 28-45=-101(F=-20), 15-45=-60(F=-20), 28-32=-20(F) Concentrated Loads (b) Vert 1-73-22(F=-20), 7-38=-101(F=-20), 7-9=-32(F=-20), 24-58=-101(F=-20), 15-45=-60(F=-20), 28-32=-20(F) Concentrated Loads (b) Vert 1-73-22(F=-20), 7-38=-101(F=-20), 7-9=-32(F=-20), 28-32=-20(F) Concentrated Loads (b) Vert 1-73-22(F=-20), 7-9=-101(F=-20), 9-15=-32(F=-20), 28-32=-20(F)	157) 7th Unbal.1st	User Defined Moving Loa	d - Dead + Snow (balanced)-Paralle	el: Lumber Increase=1.15,	Plate Inc	crease=1.15		
Concentrated Loads (b) Wet: 23-150 51-150 158) 8th Unbal. 1st User Defined Moving Load - Dead + Snow (balanced)-Parallel: Lumber Increase=1.15, Plate Increase=1.15 Uniform Loads (pf) Wet: 1-30-60(F=20), 7-36=-101(F=-20), 9-9=-32(F=-20), 26-32=-20(F), 20-22=-20(F) Concentrated Loads (b) Wet: 12-32(F=20), 7-9=-101(F=-20), 9-15=-32(F=-20), 26-32=-20(F), 20-22=-20(F) Concentrated Loads (pf) Wet: 23-150 51=-150 109) 8th Unbal. 1st User Defined Moving Load - Dead + Snow (balanced)-Parallel: Lumber Increase=1.15, Plate Increase=1.15 Uniform Loads (pf) Wet: 23-150 51=-150 109) 8th Unbal. 1st User Defined Moving Load - Dead + Snow (balanced)-Parallel: Lumber Increase=1.15, Plate Increase=1.15 Uniform Loads (pf) Wet: 23-150 51=-150 100) 8th Unbal. 1st User Defined Moving Load - Dead + Snow (balanced)-Parallel: Lumber Increase=1.15, Plate Increase=1.15 Uniform Loads (pf) Wet: 23-150 51=-150 161) 7th Unbal. 1st User Defined Moving Load - Dead + Snow (balanced)-Parallel: Lumber Increase=1.15, Plate Increase=1.15 Uniform Loads (pf) Wet: 23-150 51=-150 162) 8th Unbal. 1st User Defined Moving Load - Dead + Snow (balanced)-Parallel: Lumber Increase=1.15, Plate Increase=1.15 Uniform Loads (pf) Wet: 123-150 51=-150 162) 8th Unbal. 1st User Defined Moving Load - Dead + Snow (balanced)-Parallel: Lumber Increase=1.15, Plate Increase=1.15 Uniform Loads (pf) Wet: 23-150 51=-150 162) 8th Unbal. 1st User Defined Moving Load - Dead + Snow (balanced)-Parallel: Lumber Increase=1.15, Plate Increase=1.15 Uniform Loads (pf) Wet: 23-150 51=-150 164) 8th Unbal. 1st User Defined Moving Load - Dead + Snow (balanced)-Parallel: Lumber Increase=1.15, Plate Increase=1.15 Uniform Loads (pf) Wet: 23-150 51=-150 164) 8th Unbal. 1st User Defined Moving Load - Dead + Snow (balanced)-Parallel: Lumber Increase=1.15, Plate Increase=1.15 Uniform Loads (pf) Wet: 17-32(F=20), 7-9=-10(F=-20), 9-45=-101(F=-20), 9-45=-101(F=-20), 15-45=-60(F=-20), 28-32=-20(F), 20-22=-20(F) Concentrated Loads (b) Wet: 17-32(F=20), 7-9=-10(F=-20	Vert: 2	s (pii) 1-7=-32(F=-20), 7-9=-101((F=-20), 9-15=-32(F=-20), 28-32=-20	D(F), 20-22=-20(F)				
 158) 8th Unball 1st User Defined Moving Load - Dead + Snow (balanced)-Parallet: Lumber Increase=1.15, Plate Increase=1.15 Uniform Loads (pf) Vert: 136=60(F=:20), 7:36=:101(F=:20), 7:9=:32(F=:20), 9:45=:101(F=:20), 15:45=60(F=:20), 28:32=:20(F), 20:22=:20(F) Concentrated Loads (b) Vert: 23=:150 51=:150 160) 8th Unball. 1st User Defined Moving Load - Dead + Snow (balanced)-Parallet: Lumber Increase=1.15, Plate Increase=1.15 Uniform Loads (pf) Vert: 17=:32(F=:20), 7:9=:101(F=:20), 9:15=:32(F=:20), 28:32=:20(F), 20:22=:20(F) Concentrated Loads (b) Vert: 123=:150 51=:150 160) 8th Unball. 1st User Defined Moving Load - Dead + Snow (balanced)-Parallet: Lumber Increase=1.15, Plate Increase=1.15 Uniform Loads (pf) Vert: 136=:60(F=:20), 7:9=:101(F=:20), 7:9=:32(F=:20), 9:45=:101(F=:20), 15:45=:60(F=:20), 28:32=:20(F), 20:22=:20(F) Concentrated Loads (b) Vert: 136=:60(F=:20), 7:9=:101(F=:20), 9:15=:32(F=:20), 28:32=:20(F), 20:22=:20(F) Concentrated Loads (b) Vert: 17=:32(F=:20), 7:9=:101(F=:20), 9:15=:32(F=:20), 28:32=:20(F), 20:22=:20(F) Concentrated Loads (b) Vert: 13=:50(F=:20), 7:9=:101(F=:20), 9:45=:101(F=:20), 15:45=:60(F=:20), 28:32=:20(F), 20:22=:20(F) Concentrated Loads (b) Vert: 13=:60(F=:20), 7:9=:101(F=:20), 9:45=:101(F=:20), 15:45=:60(F=:20), 28:32=:20(F), 20:22=:20(F) Concentrated Loads (b) Vert: 13=:60(F=:20), 7:9=:101(F=:20), 9:45=:101(F=:20), 15:45=:60(F=:20), 28:32=:20(F), 20:22=:20(F) Concentrated Loads (b) Vert: 13=:60(F=:20), 7:9=:101(F=:20), 9:45=:101(F=:20), 15:45=:60(F=:20), 28:32=:20(F), 20:22=:20(F) Concentrated Loads (b) Vert: 13=:60(F=:20), 7:36=:101(F=:20), 7:9=:32(F=:20), 28:32=:20(F), 20:22=:20(F) Concentrated Loads (b) Vert: 13=:60(F=:20), 7:36=:101(F=:20), 7:9=:32(F=:20), 28:32=:20(F), 20:22=:20(F) Concentrated Loads (b)<td>Concentrated</td><td>Loads (lb) 23=-150 51=-150</td><td></td><td></td><td></td><td></td><td></td><td></td>	Concentrated	Loads (lb) 23=-150 51=-150						
Uniform Loads (p1) Vert: 23-56 0(F=-20), 7-36=-101(F=-20), 9-45=-20(F), 20-22=-20(F), 20-22=-20(F) Concentrated Loads (b) Vert: 23-56 051=-150 160) 8th Urbal. 1st User Defined Moving Load - Dead + Snow (balanced)-Parallel: Lumber Increase=1.15, Plate Increase=1.15 Uniform Loads (p1) Vert: 23-56 051=-150 160) 8th Urbal. 1st User Defined Moving Load - Dead + Snow (balanced)-Parallel: Lumber Increase=1.15, Plate Increase=1.15 Uniform Loads (p1) Vert: 1-36-60(F=-20), 7-36=-101(F=-20), 9-15=-32(F=-20), 9-45=-101(F=-20), 15-45=-60(F=-20), 28-32=-20(F), 20-22=-20(F) Concentrated Loads (p1) Vert: 1-36-60(F=-20), 7-36=-101(F=-20), 9-15=-32(F=-20), 9-45=-101(F=-20), 15-45=-60(F=-20), 28-32=-20(F), 20-22=-20(F) Concentrated Loads (p1) Vert: 23-510 51=-150 162) 8th Urbal. 1st User Defined Moving Load - Dead + Snow (balanced)-Parallel: Lumber Increase=1.15, Plate Increase=1.15 Uniform Loads (p1) Vert: 1-78-32(F=-20), 7-9=-101(F=-20), 9-15=-32(F=-20), 28-32=-20(F), 20-22=-20(F) Concentrated Loads (b) Vert: 1-78-30(F=-20), 7-36=-101(F=-20), 9-45=-101(F=-20), 15-45=-60(F=-20), 28-32=-20(F), 20-22=-20(F) Concentrated Loads (b) Vert: 1-78-30(F=-20), 7-36=-101(F=-20), 9-45=-101(F=-20), 15-45=-60(F=-20), 28-32=-20(F), 20-22=-20(F) Concentrated Loads (b) Vert: 1-78-30(F=-20), 7-36=-101(F=-20), 9-45=-101(F=-20), 15-45=-60(F=-20), 28-32=-20(F), 20-22=-20(F) Concentrated Loads (b) Vert: 1-36=60(F=-20), 7-36=-101(F=-20), 9-45=-101(F=-20), 15-45=-60(F=-20), 28-32=-20(F), 20-22=-20(F) Concentrated Loads (b) Vert: 1-36=60(F=-20), 7-36=-101(F=-20), 9-45=-101(F=-20), 15-45=-60(F=-20), 28-32=-20(F), 20-22=-20(F) Concentrated Loads (b) Vert: 1-36=60(F=-20), 7-36=-101(F=-20), 9-45=-32(F=-20), 15-45=-60(F=-20), 28-32=-20(F), 20-22=-20(F) Concentrated Loads (b) Vert: 1-36=60(F=-20), 7-36=-101(F=-20), 9-45=-32(F=-20), 28-32=-20(F), 20-22=-20(F) Concentrated Loads (b) Vert: 1-36=60(F=-20), 7-36=-101(F=-20), 9-45=-32(F=-20), 28-32=-20(F), 20-22=-20(F) Vert: 1-36=60(F=-20), 7-36=-101(F=-20), 7-36=-32(F=-20), 28-32=-2	158) 8th Unbal.1st	User Defined Moving Loa	d - Dead + Snow (balanced)-Paralle	el: Lumber Increase=1.15,	Plate Inc	crease=1.15		
Concentrated Loads (Ib) Vert: 23-150 51-150 159) 7th Unbal.1st User Defined Moving Load - Dead + Snow (balanced)-Parallel: Lumber Increase=1.15, Plate Increase=1.15 Uniform Loads (plf) Vert: 23-150 51-150 160) 8th Unbal.1st User Defined Moving Load - Dead + Snow (balanced)-Parallel: Lumber Increase=1.15, Plate Increase=1.15 Uniform Loads (plf) Vert: 23-150 51-150 161) 7th Unbal.1st User Defined Moving Load - Dead + Snow (balanced)-Parallel: Lumber Increase=1.15, Plate Increase=1.15 Uniform Loads (plf) Vert: 23-150 51-150 161) 7th Unbal.1st User Defined Moving Load - Dead + Snow (balanced)-Parallel: Lumber Increase=1.15, Plate Increase=1.15 Uniform Loads (plf) Vert: 1.38-60(F=20), 7.38-101(F=-20), 24-52-20(F), 20-22=-20(F) Concentrated Loads (b) Vert: 23-150 51-150 161) 7th Unbal.1st User Defined Moving Load - Dead + Snow (balanced)-Parallel: Lumber Increase=1.15, Plate Increase=1.15 Uniform Loads (plf) Vert: 1.38-60(F=20), 7.38-101(F=-20), 7.9=-32(F=-20), 24-32=-20(F), 20-22=-20(F) Concentrated Loads (b) Vert: 23-150 51150 162) 8th Unbal.1st User Defined Moving Load - Dead + Snow (balanced)-Parallel: Lumber Increase=1.15, Plate Increase=1.15 Uniform Loads (plf) Vert: 1.38-60(F=-20), 7.38=-101(F=-20), 7.9=-32(F=-20), 24-32=-20(F), 20-22=-20(F) Concentrated Loads (b) Vert: 23-150 51+-150 163) 7th Unbal.1st User Defined Moving Load - Dead + Snow (balanced)-Parallel: Lumber Increase=1.15, Plate Increase=1.15 Uniform Loads (plf) Vert: 1.38=-60(F=-20), 7.9=-101(F=-20), 9.15=-32(F=-20), 24-32=-20(F), 20-22=-20(F) Concentrate Loads (b) Vert: 23-150 51=-150 164) 8th Unbal.1st User Defined Moving Load - Dead + Snow (balanced)-Parallel: Lumber Increase=1.15, Plate Increase=1.15 Uniform Loads (plf) Vert: 1.38=-60(F=-20), 7.38=-101(F=-20), 9.15=-32(F=-20), 24-32=-20(F), 20-22=-20(F) Concentrate Loads (b) Vert: 23-150 51=-150 165) 7th Unbal.1st User Defined Moving Load - Dead + Snow (balanced)-Parallel: Lumber Increase=1.15, Plate Increase=1.15 Uniform Loads (plf) Vert: 1.38=-60(F=-20)	Vert: 2	s (pii) 1-36=-60(F=-20), 7-36=-1(01(F=-20), 7-9=-32(F=-20), 9-45=-10)1(F=-20), 15-45=-60(F=-2	20), 28-32	2=-20(F), 20-22=-20(F)	.)	
 159) 7th Undat 1st User Defined Moving Load - Dead + Snow (balanced)-Parallel: Lumber Increase=1.15, Plate Increase=1.15 Uniform Loads (II) Vert: 1.7-33(E+20), 7.9=-101(F=-20), 9.15=-32(F=-20), 28-32=-20(F), 20-22=-20(F) Concentrated Loads (III) Vert: 1.23=-100 51=-150 160) 8th Unbal. 1st User Defined Moving Load - Dead + Snow (balanced)-Parallel: Lumber Increase=1.15, Plate Increase=1.15 Uniform Loads (III) Vert: 1.7-32(F=-20), 7.9=-32(F=-20), 9.45=-101(F=-20), 15-45=-60(F=-20), 28-32=-20(F), 20-22=-20(F) Concentrated Loads (III) Vert: 1.7-32(F=-20), 7.9=-101(F=-20), 7.9=-32(F=-20), 28-32=-20(F), 20-22=-20(F) Concentrated Loads (III) Vert: 1.7-32(F=-20), 7.9=-101(F=-20), 7.9=-32(F=-20), 28-32=-20(F), 20-22=-20(F) Concentrated Loads (III) Vert: 1.7-32(F=-20), 7.9=-101(F=-20), 7.9=-32(F=-20), 9.45=-101(F=-20), 15-45=-60(F=-20), 28-32=-20(F), 20-22=-20(F) Concentrated Loads (III) Vert: 1.7-32(F=-20), 7.9=-32(F=-20), 9.45=-101(F=-20), 15-45=-60(F=-20), 28-32=-20(F), 20-22=-20(F) Concentrated Loads (III) Vert: 1.7-32(F=-20), 7.9=-101(F=-20), 7.9=-32(F=-20), 28-32=-20(F), 20-22=-20(F) Concentrated Loads (III) Vert: 1.7-32(F=-20), 7.9=-101(F=-20), 9.15=-32(F=-20), 28-32=-20(F), 20-22=-20(F) Concentrated Loads (III) Vert: 1.7-32(F=-20), 7.9=-101(F=-20), 9.15=-32(F=-20), 28-32=-20(F), 20-22=-20(F) Concentrated Loads (III) Vert: 1.7-32(F=-20), 7.9=-101(F=-20), 9.15=-32(F=-20), 28-32=-20(F), 20-22=-20(F) Concentrated Loads (III) Vert: 1.7-32(F=-20), 7.9=-32(F=-20), 9.45=-101(F=-20), 15-45=-60(F=-20), 28-32=-20(F), 20-22=-20(F) Concentrated Loads (III) Vert: 1.7-32(F=-20), 7.9=-32(F=-20), 9.45=-101(F=-20), 15-45=-60(F=-20), 28-32=-20(F), 20-22=-20(F) Concentrated Loads (III) Vert: 1.7-32(F=-20), 7.9=-32(F=-20), 9.45=-101(F=-20), 15-45=-60(F=-20), 28-32=-20(F), 20-22	Concentrated	Loads (lb) 23=-150 51=-150						
 Unitom Loads (pl) Vert: 1-7-32(F=20), 7-9=-101(F=-20), 9-15=-32(F=-20), 28-32=-20(F), 20-22=-20(F) Concentrated Loads (pl) Vert: 23150 51=-150 160) 8th Unbal.1st User Defined Moving Load - Dead + Snow (balanced)-Parallel: Lumber Increase=1.15, Plate Increase=1.15 Uniform Loads (pl) Vert: 1-75-32(F=20), 7-9=-32(F=-20), 9-45=-101(F=-20), 15-45=-60(F=-20), 28-32=-20(F), 20-22=-20(F) Concentrated Loads (b) Vert: 1-75-32(F=-20), 7-9=-101(F=-20), 9-15=-32(F=-20), 28-32=-20(F), 20-22=-20(F) Concentrated Loads (b) Vert: 1-75-32(F=-20), 7-9=-101(F=-20), 7-9=-32(F=-20), 28-32=-20(F), 20-22=-20(F) Concentrated Loads (b) Vert: 1-75-32(F=-20), 7-9=-101(F=-20), 7-9=-32(F=-20), 9-45=-101(F=-20), 15-45=-60(F=-20), 28-32=-20(F), 20-22=-20(F) Concentrated Loads (b) Vert: 1-75-32(F=-20), 7-9=-101(F=-20), 9-45=-101(F=-20), 15-45=-60(F=-20), 28-32=-20(F), 20-22=-20(F) Concentrated Loads (b) Vert: 1-75-32(F=-20), 7-9=-101(F=-20), 9-45=-101(F=-20), 15-45=-60(F=-20), 28-32=-20(F), 20-22=-20(F) Concentrated Loads (b) Vert: 1-75-32(F=-20), 7-9=-101(F=-20), 9-45=-101(F=-20), 15-45=-60(F=-20), 28-32=-20(F), 20-22=-20(F) Concentrated Loads (b) Vert: 1-75-32(F=-20), 7-9=-101(F=-20), 9-45=-101(F=-20), 15-45=-60(F=-20), 28-32=-20(F), 20-22=-20(F) Concentrated Loads (b) Vert: 1-75-32(F=-20), 7-9=-101(F=-20), 9-45=-101(F=-20), 15-45=-60(F=-20), 28-32=-20(F), 20-22=-20(F) Concentrated Loads (b) Vert: 1-75-32(F=-20), 7-9=-101(F=-20), 9-45=-101(F=-20), 15-45=-60(F=-20), 28-32=-20(F), 20-22=-20(F) Concentrated Loads (b) Vert: 1-75-32(F=-20), 7-9=-101(F=-20), 9-45=-101(F=-20), 15-45=-60(F=-20), 28-32=-20(F), 20-22=-20(F) Concentrated Loads (b) Vert: 1-36=-60(F=-20), 7-36=-101(F=-20), 9-45=-101(F=-20), 15-45=-60(F=-20), 28-32=-20(F), 20-22=-20(F) Concentrated Loads (b) Vert:	159) 7th Unbal.1st	User Defined Moving Loa	d - Dead + Snow (balanced)-Paralle	el: Lumber Increase=1.15,	Plate Inc	crease=1.15		
Concentrated Loads (b)	Uniform Loads Vert: 2	s (plf) 1-7=-32(F=-20), 7-9=-101((F=-20), 9-15=-32(F=-20), 28-32=-20)(F), 20-22=-20(F)				
 16) 8th Unbal. 1st User Defined Moving Load - Dead + Snow (balanced)-Parallel: Lumber Increase=1.15, Plate Increase=1.15 17) Uniform Loads (pl) 18) 17 Unbal. 1st User Defined Moving Load - Dead + Snow (balanced)-Parallel: Lumber Increase=1.15, Plate Increase=1.15 18) 17 Unbal. 1st User Defined Moving Load - Dead + Snow (balanced)-Parallel: Lumber Increase=1.15, Plate Increase=1.15 18) 17 Unbal. 1st User Defined Moving Load - Dead + Snow (balanced)-Parallel: Lumber Increase=1.15, Plate Increase=1.15 18) 17 Unbal. 1st User Defined Moving Load - Dead + Snow (balanced)-Parallel: Lumber Increase=1.15, Plate Increase=1.15 18) 17 Unbal. 1st User Defined Moving Load - Dead + Snow (balanced)-Parallel: Lumber Increase=1.15, Plate Increase=1.15 18) 17 Unbal. 1st User Defined Moving Load - Dead + Snow (balanced)-Parallel: Lumber Increase=1.15, Plate Increase=1.15 18) 17 Unbal. 1st User Defined Moving Load - Dead + Snow (balanced)-Parallel: Lumber Increase=1.15, Plate Increase=1.15 18) 17 Unbal. 1st User Defined Moving Load - Dead + Snow (balanced)-Parallel: Lumber Increase=1.15, Plate Increase=1.15 18) 17 Unbal. 1st User Defined Moving Load - Dead + Snow (balanced)-Parallel: Lumber Increase=1.15, Plate Increase=1.15 18) 17 Unbal. 1st User Defined Moving Load - Dead + Snow (balanced)-Parallel: Lumber Increase=1.15, Plate Increase=1.15 19) Vert: 13-63-60(F=-20), 7-9=-101(F=-20), 9-15=-32(F=-20), 24-52=-20(F), 20-22=-20(F) Concentrated Loads (b) Vert: 13-63-60(F=-20), 7-9=-101(F=-20), 2-9=-32(F=-20), 24-52=-101(F=-20), 15-45=-60(F=-20), 28-32=-20(F), 20-22=-20(F) Concentrated Loads (b) Vert: 13-63-60(F=-20), 7-9=-101(F=-20), 2-9=-20(F), 20-22=-20(F) Concentrated Loads (b) Vert: 13-63-60(F=-20), 7-9=-10(F=-20), 2-9=-32(F=-20), 2-9=-22(F), 20-22=-20(F) Concentrated Loads (b) Vert: 13-63-60(F=-20), 7-9=-10(F=-20), 2-9=-20(F), 20-22=-20(F)	Concentrated	Loads (lb)						
Uniform Loads (plf) Vert: 1-38=-60(F=-20), 7-36=-101(F=-20), 7-9=-32(F=-20), 9-45=-101(F=-20), 15-45=-60(F=-20), 28-32=-20(F), 20-22=-20(F) Concentrated Loads (b) Vert: 23=-150 51=-150 161) 7th Unbal. 1st User Defined Moving Load - Dead + Snow (balanced)-Parallel: Lumber Increase=1.15, Plate Increase=1.15 Uniform Loads (plf) Vert: 23=-150 51=-150 162) 8th Unbal. 1st User Defined Moving Load - Dead + Snow (balanced)-Parallel: Lumber Increase=1.15, Plate Increase=1.15 Uniform Loads (plf) Vert: 23=-150 51=-150 163) 7th Unbal. 1st User Defined Moving Load - Dead + Snow (balanced)-Parallel: Lumber Increase=1.15, Plate Increase=1.15 Uniform Loads (plf) Vert: -37=-32(F=-20), 7-9=-101(F=-20), 9-15=-32(F=-20), 9-45=-101(F=-20), 15-45=-60(F=-20), 28-32=-20(F), 20-22=-20(F) Concentrated Loads (b) Vert: 23=-150 51=-150 164) 8th Unbal. 1st User Defined Moving Load - Dead + Snow (balanced)-Parallel: Lumber Increase=1.15, Plate Increase=1.15 Uniform Loads (plf) Vert: -37=-20(F=-20), 7-9=-32(F=-20), 9-45=-101(F=-20), 15-45=-60(F=-20), 28-32=-20(F), 20-22=-20(F) Concentrated Loads (b) Vert: -37=-150 51=-150 164) 8th Unbal. 1st User Defined Moving Load - Dead + Snow (balanced)-Parallel: Lumber Increase=1.15, Plate Increase=1.15 Uniform Loads (plf) Vert: -37=-60(F=-20), 7-9=32(F=-20), 9-45=-101(F=-20), 15-45=-60(F=-20), 28-32=-20(F), 20-22=-20(F) Concentrated Loads (b) Vert: -37=-150 51=-150 165) 7th Unbal. 1st User Defined Moving Load - Dead + Snow (balanced)-Parallel: Lumber Increase=1.15, Plate Increase=1.15 Uniform Loads (plf) Vert: -73=-32(F=-20), 7-9=101(F=-20), 9-15=-32(F=-20), 28-32=-20(F), 20-22=-20(F) Concentrated Loads (b) Vert: -73=-50 51=-150 166) 8th Unbal. 1st	160) 8th Unbal.1st	User Defined Moving Loa	d - Dead + Snow (balanced)-Paralle	el: Lumber Increase=1.15,	Plate Inc	crease=1.15		
Concentrated Loads (lb) Vert: 23=150 51=-150 161) 7th Uhbal. 1st User Defined Moving Load - Dead + Snow (balanced)-Parallel: Lumber Increase=1.15, Plate Increase=1.15 Uniform Loads (plf) Vert: 1-7=-32(F=-20), 7-9=-101(F=-20), 9-15=-32(F=-20), 28-32=-20(F), 20-22=-20(F) Concentrated Loads (lb) Vert: 1-36=-60(F=-20), 7-36=-101(F=-20), 7-9=-32(F=-20), 9-45=-101(F=-20), 15-45=-60(F=-20), 28-32=-20(F), 20-22=-20(F) Concentrated Loads (lb) Vert: 23=-150 51=-150 163) 7th Uhbal. 1st User Defined Moving Load - Dead + Snow (balanced)-Parallel: Lumber Increase=1.15, Plate Increase=1.15 Uniform Loads (plf) Vert: 1-7=-32(F=-20), 7-36=-101(F=-20), 9-15=-32(F=-20), 28-32=-20(F), 20-22=-20(F) Concentrated Loads (lb) Vert: 23=-150 51=-150 164) 8th Uhbal. 1st User Defined Moving Load - Dead + Snow (balanced)-Parallel: Lumber Increase=1.15, Plate Increase=1.15 Uniform Loads (plf) Vert: 1-36=-60(F=-20), 7-36=-101(F=-20), 9-45=-101(F=-20), 15-45=-60(F=-20), 28-32=-20(F), 20-22=-20(F) Concentrated Loads (lb) Vert: 23=-150 51=-150 165) 7th Uhbal. 1st User Defined Moving Load - Dead + Snow (balanced)-Parallel: Lumber Increase=1.15, Plate Increase=1.15 Uniform Loads (plf) Vert: 1-36=-60(F=-20), 7-36=-101(F=-20), 28-32=-20(F), 20-22=-20(F) Concentrated Loads (lb) Vert: 23=-150 51=-150 165) 7th Uhbal. 1st User Defined Moving Load - Dead + Snow (balanced)-Parallel: Lumber Increase=1.15, Plate Increase=1.15 Uniform Loads (plf) Vert: 1-7=-32(F=-20), 7-9=-101(F=-20), 9-15=-32(F=-20), 28-32=-20(F), 20-22=-20(F) Concentrated Loads (lb) Vert: 23=-150 51=-150 166) 8th Uhbal. 1st User Defined Moving Load - Dead + Snow (balanced)-Parallel: Lumber Increase=1.15, Plate Increase=1.15 Uniform Loads (plf) Vert: 1-7a=-32(F=-20), 7-36=-101(F=-20), 9-45=-30(F=-20), 28-32=-20(F), 20-22=-20(F) Concentrated Loads (lb) Vert: 1-36=-60(F=-20), 7-36=-101(F=-20), 7-9=-32(F=-20), 9-45=-101(F=-20), 28-32=-20(F), 20-22=-20(F) Vert: 1-36=-60(F=-20), 7-36=-101(F=-20), 7-9=-32(F=-20), 9-45=-101(F=-20), 28-32=-20(F), 20-22=-20(F) Vert:	Uniform Loads Vert	s (plf) 1-36=-60(F=-20)_7-36=-1()1(F=-20) 7-9=-32(F=-20) 9-45=-1()1(F=-20) 15-45=-60(F=-2	0) 28-3	2=-20(F) 20-22=-20(F)	:)	
 Vert 234-150 514-150 Vert 1.738-261 514-150 162) 8th Unbal.1st User Defined Moving Load - Dead + Snow (balanced)-Parallel: Lumber Increase=1.15, Plate Increase=1.15 Uniform Loads (pf) Vert: 232-150 514-150 162) 8th Unbal.1st User Defined Moving Load - Dead + Snow (balanced)-Parallel: Lumber Increase=1.15, Plate Increase=1.15 Uniform Loads (pf) Vert: 328-150 514-150 163) 7th Unbal.1st User Defined Moving Load - Dead + Snow (balanced)-Parallel: Lumber Increase=1.15, Plate Increase=1.15 Uniform Loads (pf) Vert: 328-150 514-150 163) 7th Unbal.1st User Defined Moving Load - Dead + Snow (balanced)-Parallel: Lumber Increase=1.15, Plate Increase=1.15 Uniform Loads (pf) Vert: 1-78-32(F=-20), 7-9=-101(F=-20), 9-15=-32(F=-20), 28-32=-20(F), 20-22=-20(F) Concentrated Loads (lp) Vert: 1-78-32(F=-20), 7-9=-101(F=-20), 9-15=-32(F=-20), 28-32=-20(F), 20-22=-20(F) Concentrated Loads (lp) Vert: 1-78-32(F=-20), 7-9=-32(F=-20), 9-45=-101(F=-20), 15-45=-60(F=-20), 28-32=-20(F), 20-22=-20(F) Concentrated Loads (lp) Vert: 1-36-60(F=-20), 7-36=-101(F=-20), 9-15=-32(F=-20), 9-45=-101(F=-20), 15-45=-60(F=-20), 28-32=-20(F), 20-22=-20(F) Concentrated Loads (lb) Vert: 1-78-150 51=-150 165) 7th Unbal.1st User Defined Moving Load - Dead + Snow (balanced)-Parallel: Lumber Increase=1.15, Plate Increase=1.15 Uniform Loads (pf) Vert: 1-78-32(F=-20), 7-9=-32(F=-20), 9-45=-101(F=-20), 15-45=-60(F=-20), 28-32=-20(F), 20-22=-20(F) Concentrated Loads (lb) Vert: 1-78-150 51=-150 166) 8th Unbal.1st User Defined Moving Load - Dead + Snow (balanced)-Parallel: Lumber Increase=1.15, Plate Increase=1.15 Uniform Loads (pf) Vert: 1-78-150 51=-150 166) 8th Unbal.1st User Defined Moving Load - Dead + Snow (balanced)-Parallel: Lumber Increase=1.15, Plate Increase=1.15 Uniform Loads (pf) Vert: 1-36=-60(F=-20), 7-36=-101(F=-20), 7-9=-32(F=-20), 9-45=-101(F=-20), 15-45=-60(F=-20	Concentrated	Loads (lb)			.0), 20 0.	2 20(1), 20 22 20(1)	,	
Uniform Loads (plf) Vert: 1-7=-32(F=-20), 7-9=-101(F=-20), 9-15=-32(F=-20), 28-32=-20(F), 20-22=-20(F) Concentrated Loads (b) Vert: 23=-150 51=-150 162) 8th Unbal.1st User Defined Moving Load - Dead + Snow (balanced)-Parallel: Lumber Increase=1.15, Plate Increase=1.15 Uniform Loads (plf) Vert: 1-36=-60(F=-20), 7-36=-101(F=-20), 7-9=-32(F=-20), 9-45=-101(F=-20), 15-45=-60(F=-20), 28-32=-20(F), 20-22=-20(F) Concentrated Loads (b) Vert: 23=-150 51=-150 163) 7th Unbal.1st User Defined Moving Load - Dead + Snow (balanced)-Parallel: Lumber Increase=1.15, Plate Increase=1.15 Uniform Loads (plf) Vert: 1-36=-60(F=-20), 7-36=-101(F=-20), 7-9=-32(F=-20), 9-45=-101(F=-20), 15-45=-60(F=-20), 28-32=-20(F), 20-22=-20(F) Concentrated Loads (b) Vert: 23=-150 51=-150 164) 8th Unbal.1st User Defined Moving Load - Dead + Snow (balanced)-Parallel: Lumber Increase=1.15, Plate Increase=1.15 Uniform Loads (plf) Vert: 23=-150 51=-150 165) 7th Unbal.1st User Defined Moving Load - Dead + Snow (balanced)-Parallel: Lumber Increase=1.15, Plate Increase=1.15 Uniform Loads (plf) Vert: 23=-150 51=-150 166) 8th Unbal.1st User Defined Moving Load - Dead + Snow (balanced)-Parallel: Lumber Increase=1.15, Plate Increase=1.15 Uniform Loads (plf) Vert: 23=-150 51=-150 166) 8th Unbal.1st User Defined Moving Load - Dead + Snow (balanced)-Parallel: Lumber Increase=1.15, Plate Increase=1.15 Uniform Loads (plf) Vert: 1-7=-32(F=-20), 7-9=-32(F=-20), 28-32=-20(F), 20-22=-20(F) Concentrated Loads (b) Vert: 23=-150 51=-150 166) 8th Unbal.1st User Defined Moving Load - Dead + Snow (balanced)-Parallel: Lumber Increase=1.15, Plate Increase=1.15 Uniform Loads (plf) Vert: 1-36=-60(F=-20), 7-36=-101(F=-20), 7-9=-32(F=-20), 9-45=-101(F=-20), 28-32=-20(F), 20-22=-20(F) Uniform Loads (plf) Vert: 1-36=-60(F=-20), 7-36=-101(F=-20), 7-9=-32(F=-20), 9-45=-101(F=-20), 28-32=-20(F), 20-22=-20(F) Uniform Loads (plf) Vert: 1-36=-60(F=-20), 7-36=-101(F=-20), 7-9=-32(F=-20), 9-45=-101(F=-20), 28-32=-20(F), 20-22=-20(F) Uniform Loads (plf) Ver	161) 7th Unbal.1st	23=-150 51=-150 User Defined Moving Loa	d - Dead + Snow (balanced)-Paralle	el: Lumber Increase=1.15,	Plate Inc	crease=1.15		
 Vert 19 452(17) 452(17) (1 = 20), 913-1502(1 = 20), 2013-22(1 = 20), 2013-22(1 = 20), 12022-20(11) Concentrated Loads (lb) Vert 23=-150 51=-150 162) 8th Unbal. 1st User Defined Moving Load - Dead + Snow (balanced)-Parallel: Lumber Increase=1.15, Plate Increase=1.15 Uniform Loads (lb) Vert 23=-150 51=-150 163) 7th Unbal. 1st User Defined Moving Load - Dead + Snow (balanced)-Parallel: Lumber Increase=1.15, Plate Increase=1.15 Uniform Loads (lb) Vert: 23=-150 51=-150 164) 8th Unbal. 1st User Defined Moving Load - Dead + Snow (balanced)-Parallel: Lumber Increase=1.15, Plate Increase=1.15 Uniform Loads (lb) Vert: 23=-150 51=-150 165) 7th Unbal. 1st User Defined Moving Load - Dead + Snow (balanced)-Parallel: Lumber Increase=1.15, Plate Increase=1.15 Uniform Loads (lb) Vert: 23=-150 51=-150 165) 7th Unbal. 1st User Defined Moving Load - Dead + Snow (balanced)-Parallel: Lumber Increase=1.15, Plate Increase=1.15 Uniform Loads (lb) Vert: 23=-150 51=-150 165) 7th Unbal. 1st User Defined Moving Load - Dead + Snow (balanced)-Parallel: Lumber Increase=1.15, Plate Increase=1.15 Uniform Loads (lb) Vert: 23=-150 51=-150 166) 8th Unbal. 1st User Defined Moving Load - Dead + Snow (balanced)-Parallel: Lumber Increase=1.15, Plate Increase=1.15 Uniform Loads (lb) Vert: 1-7-32(F=-20), 7-9=-101(F=-20), 28-32F=-20(F), 20-22F=-20(F) Concentrated Loads (lb) Vert: 1-7-32(F=-20), 7-9=-32(F=-20), 28-32F=-20(F), 20-22F=-20(F) Concentrated Loads (lb) Vert: 1-7-32(F=-20), 7-9=-32(F=-20), 28-32F=-20(F), 20-22F=-20(F) Concentrated Loads (lb) Vert: 1-7-32(F=-20), 7-9=-32(F=-20), 28-32F=-20(F), 20-22F=-20(F) Concentrated Loads (lb) Vert: 1-7-36F=-60(F=-20), 7-9=-32(F=-20), 9-45=-101(F=-20), 15-45=-60(F=-20), 28-32F=-20(F), 20-22F=-20(F) I/0/2024 	Uniform Load	s (plf) 1 7- 32(E- 20) 7 9- 101/	(E- 20) 0 15- 32(E- 20) 28 32- 20)(E) 20 22- 20(E)				
Vert: 23150 51150 162) 8th Unbal.1st User Defined Moving Load - Dead + Snow (balanced)-Parallel: Lumber Increase=1.15, Plate Increase=1.15 Uniform Loads (plf) Vert: 1-36=-60(F=-20), 7-36=-101(F=-20), 7-9=-32(F=-20), 9-45=-101(F=-20), 15-45=-60(F=-20), 28-32=-20(F), 20-22=-20(F) Concentrated Loads (lb) Vert: 23150 51=-150 163) 7th Unbal.1st User Defined Moving Load - Dead + Snow (balanced)-Parallel: Lumber Increase=1.15, Plate Increase=1.15 Uniform Loads (plf) Vert: 1-7=-32(F=-20), 7-9=-101(F=-20), 9-15=-32(F=-20), 28-32=-20(F), 20-22=-20(F) Concentrated Loads (lb) Vert: 23150 51=-150 164) 8th Unbal.1st User Defined Moving Load - Dead + Snow (balanced)-Parallel: Lumber Increase=1.15, Plate Increase=1.15 Uniform Loads (plf) Vert: 136=-60(F=-20), 7-36=-101(F=-20), 7-9=-32(F=-20), 9-45=-101(F=-20), 15-45=-60(F=-20), 28-32=-20(F), 20-22=-20(F) Concentrated Loads (lb) Vert: 23150 51=-150 165) 7th Unbal.1st User Defined Moving Load - Dead + Snow (balanced)-Parallel: Lumber Increase=1.15, Plate Increase=1.15 Uniform Loads (plf) Vert: 1-7=-32(F=-20), 7-9=-32(F=-20), 28-32=-20(F), 20-22=-20(F) Concentrated Loads (lb) Vert: 23150 51=-150 166) 8th Unbal.1st User Defined Moving Load - Dead + Snow (balanced)-Parallel: Lumber Increase=1.15, Plate Increase=1.15 Uniform Loads (plf) Vert: 1-7=-32(F=-20), 7-9=-101(F=-20), 9-15=-32(F=-20), 28-32=-20(F), 20-22=-20(F) Concentrated Loads (lb) Vert: 23150 51=-150 166) 8th Unbal.1st User Defined Moving Load - Dead + Snow (balanced)-Parallel: Lumber Increase=1.15, Plate Increase=1.15 Uniform Loads (plf) Vert: 1-36=-60(F=-20), 7-36=-101(F=-20), 9-45=-101(F=-20), 15-45=-60(F=-20), 28-32=-20(F), 20-22=-20(F) Vert: 1-36=-60(F=-20), 7-36=-101(F=-20), 9-45=-101(F=-20), 9-45=-101(F=-20), 28-32=-20(F), 20-22=-20(F) Vert: 1-36=-60(F=-20), 7-36=-101(F=-20), 9-45=-101(F=-20), 15-45=-60(F=-20), 28-32=-20(F), 20-22=-20(F) Vert: 1-36=-60(F=-20), 7-36=-101(F=-20), 9-45=-101(F=-20), 15-45=-60(F=-20), 28-32=-20(F), 20-22=-20(F) Vert: 1-36=-60(F=-20), 7-36=-1	Concentrated	Loads (lb)	1 20), 9-1332(1 20), 20-3220	J(I), 20-2220(I)				
 Uniform Loads (pf) Vert: 1-36=-60(F=-20), 7-36=-101(F=-20), 7-9=-32(F=-20), 9-45=-101(F=-20), 15-45=-60(F=-20), 28-32=-20(F), 20-22=-20(F) Concentrated Loads (lb) Vert: 23=-150 51=-150 163) 7th Unbal. 1st User Defined Moving Load - Dead + Snow (balanced)-Parallel: Lumber Increase=1.15, Plate Increase=1.15 Uniform Loads (pf) Vert: 1-7=-32(F=-20), 7-9=-101(F=-20), 9-15=-32(F=-20), 28-32=-20(F), 20-22=-20(F) Concentrated Loads (lb) Vert: 23=-150 51=-150 164) 8th Unbal. 1st User Defined Moving Load - Dead + Snow (balanced)-Parallel: Lumber Increase=1.15, Plate Increase=1.15 Uniform Loads (pf) Vert: 1-36=-60(F=-20), 7-36=-101(F=-20), 7-9=-32(F=-20), 9-45=-101(F=-20), 15-45=-60(F=-20), 28-32=-20(F), 20-22=-20(F) Concentrated Loads (lb) Vert: 1-36=-60(F=-20), 7-9=-101(F=-20), 9-45=-101(F=-20), 15-45=-60(F=-20), 28-32=-20(F), 20-22=-20(F) SEAL 28147 Vert: 1-7=-32(F=-20), 7-9=-101(F=-20), 9-45=-20(F), 20-22=-20(F) Concentrated Loads (lb) Vert: 1-7=-32(F=-20), 7-9=-101(F=-20), 9-45=-20(F), 20-22=-20(F) Concentrated Loads (lb) Vert: 1-7=-32(F=-20), 7-9=-101(F=-20), 9-45=-20(F), 20-22=-20(F) SEAL 28147 Vert: 1-7=-32(F=-20), 7-9=-101(F=-20), 9-45=-20(F), 20-22=-20(F) Concentrated Loads (lb) Vert: 1-7=-32(F=-20), 7-9=-32(F=-20), 9-45=-101(F=-20), 15-45=-60(F=-20), 28-32=-20(F), 20-22=-20(F) SEAL 28147 Vert: 1-36=-60(F=-20), 7-36=-101(F=-20), 9-45=-101(F=-20), 15-45=-60(F=-20), 28-32=-20(F), 20-22=-20(F) I/0/2024 	Vert: 2 162) 8th Unbal.1st	23=-150 51=-150 User Defined Moving Loa	d - Dead + Snow (balanced)-Paralle	el: Lumber Increase=1.15.	Plate Inc	crease=1.15		
 Vert: 150-400(F=20), 7-30-101(F=20), 7-9-32(F=20), 9-45=-101(F=20), 1543-60(F=20), 26-32-20(F), 20-22-20(F) Concentrated Loads (b) Vert: 23-150 51=-150 164) 8th Unbal. 1st User Defined Moving Load - Dead + Snow (balanced)-Parallel: Lumber Increase=1.15, Plate Increase=1.15 Uniform Loads (pf) Vert: 1-36-60(F=-20), 7-36=-101(F=-20), 9-15=-32(F=-20), 9-45=-101(F=-20), 15-45=-60(F=-20), 28-32=-20(F), 20-22=-20(F) Concentrated Loads (lb) Vert: 1-36-60(F=-20), 7-36=-101(F=-20), 7-9=-32(F=-20), 9-45=-101(F=-20), 15-45=-60(F=-20), 28-32=-20(F), 20-22=-20(F) Concentrated Loads (lb) Vert: 23-150 51=-150 165) 7th Unbal. 1st User Defined Moving Load - Dead + Snow (balanced)-Parallel: Lumber Increase=1.15, Plate Increase=1.15 Uniform Loads (lb) Vert: 23150 51=-150 165) 7th Unbal. 1st User Defined Moving Load - Dead + Snow (balanced)-Parallel: Lumber Increase=1.15, Plate Increase=1.15 Uniform Loads (lb) Vert: 23150 51=-150 166) 8th Unbal. 1st User Defined Moving Load - Dead + Snow (balanced)-Parallel: Lumber Increase=1.15, Plate Increase=1.15 Uniform Loads (lb) Vert: 1-7=-32(F=-20), 9-15=-32(F=-20), 28-32=-20(F), 20-22=-20(F) Concentrated Loads (lb) Vert: 1-7=-32(F=-20), 7-9=-32(F=-20), 28-32=-20(F), 20-22=-20(F) Concentrated Loads (lb) Vert: 1-7=-32(F=-20), 7-9=-32(F=-20), 9-45=-101(F=-20), 15-45=-60(F=-20), 28-32=-20(F), 20-22=-20(F) I/0/2024 	Uniform Load	s (plf))1/E- 20) 7 0- 22/E- 20) 0 45- 1/)1/E- 20) 15 45- 60/E- 2	01 20 24	2- 20(E) 20 22- 20(E)		
Vert: 23=-150 51=-150 163) 7th Unbal.1st User Defined Moving Load - Dead + Snow (balanced)-Parallel: Lumber Increase=1.15, Plate Increase=1.15 Uniform Loads (plf) Vert: 23=-150 51=-150 164) 8th Unbal.1st User Defined Moving Load - Dead + Snow (balanced)-Parallel: Lumber Increase=1.15, Plate Increase=1.15 Uniform Loads (plf) Vert: 1-36=-60(F=-20), 7-36=-101(F=-20), 7-9=-32(F=-20), 9-45=-101(F=-20), 15-45=-60(F=-20), 28-32=-20(F), 20-22=-20(F) Concentrated Loads (lb) Vert: 23=-150 51=-150 165) 7th Unbal.1st User Defined Moving Load - Dead + Snow (balanced)-Parallel: Lumber Increase=1.15, Plate Increase=1.15 Uniform Loads (plf) Vert: 1-7=-32(F=-20), 7-9=-101(F=-20), 9-15=-32(F=-20), 28-32=-20(F), 20-22=-20(F) Concentrated Loads (lb) Vert: 23=-150 51=-150 166) 8th Unbal.1st User Defined Moving Load - Dead + Snow (balanced)-Parallel: Lumber Increase=1.15, Plate Increase=1.15 Uniform Loads (plf) Vert: 23=-150 51=-150 166) 8th Unbal.1st User Defined Moving Load - Dead + Snow (balanced)-Parallel: Lumber Increase=1.15, Plate Increase=1.15 Uniform Loads (plf) Vert: 23=-150 51=-150 166) 8th Unbal.1st User Defined Moving Load - Dead + Snow (balanced)-Parallel: Lumber Increase=1.15, Plate Increase=1.15 Uniform Loads (plf) Vert: 1-36=-60(F=-20), 7-36=-101(F=-20), 9-45=-101(F=-20), 15-45=-60(F=-20), 28-32=-20(F), 20-22=-20(F) Vert: 1-36=-60(F=-20), 7-36=-101(F=-20), 9-45=-101(F=-20), 15-45=-60(F=-20), 28-32=-20(F), 20-22=-20(F) 1/0/2024	Concentrated	Loads (lb)	JT(F20), 7-932(F20), 9-451	JI(F20), 15-4560(F2	.0), 20-32	220(F), 20-2220(F))	
 100/ Inform Loads (pf) Vert: 1-7=-32(F=-20), 7-9=-101(F=-20), 9-15=-32(F=-20), 28-32=-20(F), 20-22=-20(F) Concentrated Loads (b) Vert: 23=-150 51=-150 164) 8th Unbal.1st User Defined Moving Load - Dead + Snow (balanced)-Parallel: Lumber Increase=1.15, Plate Increase=1.15 Uniform Loads (pf) Vert: 23=-150 51=-150 165) 7th Unbal.1st User Defined Moving Load - Dead + Snow (balanced)-Parallel: Lumber Increase=1.15, Plate Increase=1.15 Uniform Loads (plf) Vert: 23=-150 51=-150 165) 7th Unbal.1st User Defined Moving Load - Dead + Snow (balanced)-Parallel: Lumber Increase=1.15, Plate Increase=1.15 Uniform Loads (plf) Vert: 23=-150 51=-150 166) 8th Unbal.1st User Defined Moving Load - Dead + Snow (balanced)-Parallel: Lumber Increase=1.15, Plate Increase=1.15 Uniform Loads (plf) Vert: 23=-150 51=-150 166) 8th Unbal.1st User Defined Moving Load - Dead + Snow (balanced)-Parallel: Lumber Increase=1.15, Plate Increase=1.15 Uniform Loads (plf) Vert: 23=-150 51=-150 166) 8th Unbal.1st User Defined Moving Load - Dead + Snow (balanced)-Parallel: Lumber Increase=1.15, Plate Increase=1.15 Vert: 1-7=-32(F=-20), 7-9=-32(F=-20), 9-45=-101(F=-20), 15-45=-60(F=-20), 28-32=-20(F), 20-22=-20(F) Vert: 1-36=-60(F=-20), 7-36=-101(F=-20), 7-9=-32(F=-20), 9-45=-101(F=-20), 15-45=-60(F=-20), 28-32=-20(F), 20-22=-20(F) Vert: 1-36=-60(F=-20), 7-36=-101(F=-20), 7-9=-32(F=-20), 9-45=-101(F=-20), 15-45=-60(F=-20), 28-32=-20(F), 20-22=-20(F) Vert: 1-36=-60(F=-20), 7-36=-101(F=-20), 7-9=-32(F=-20), 9-45=-101(F=-20), 15-45=-60(F=-20), 28-32=-20(F), 20-22=-20(F) 	Vert: 2 163) 7th Unbal 1st	23=-150 51=-150 User Defined Moving Loa	d - Dead + Snow (balanced)-Paralle	l: Lumber Increase=1 15	Plate Inc	rease=1 15		
 Vert: 1-7=-32(F=-20), 7-9=-101(F=-20), 9-15=-32(F=-20), 28-32=-20(F), 20-22=-20(F) Concentrated Loads (lb) Vert: 23=-150 51=-150 164) 8th Unbal. 1st User Defined Moving Load - Dead + Snow (balanced)-Parallel: Lumber Increase=1.15, Plate Increase=1.15 Uniform Loads (lb) Vert: 23=-150 51=-150 165) 7th Unbal. 1st User Defined Moving Load - Dead + Snow (balanced)-Parallel: Lumber Increase=1.15, Plate Increase=1.15 Uniform Loads (lb) Vert: 23=-150 51=-150 165) 7th Unbal. 1st User Defined Moving Load - Dead + Snow (balanced)-Parallel: Lumber Increase=1.15, Plate Increase=1.15 Uniform Loads (lf) Vert: 1-7=-32(F=-20), 7-9=-101(F=-20), 9-15=-32(F=-20), 28-32=-20(F), 20-22=-20(F) Concentrated Loads (lb) Vert: 23=-150 51=-150 166) 8th Unbal. 1st User Defined Moving Load - Dead + Snow (balanced)-Parallel: Lumber Increase=1.15, Plate Increase=1.15 Uniform Loads (lpf) Vert: 1-7=-32(F=-20), 7-9=-32(F=-20), 9-45=-101(F=-20), 15-45=-60(F=-20), 28-32=-20(F), 20-22=-20(F) 166) 8th Unbal. 1st User Defined Moving Load - Dead + Snow (balanced)-Parallel: Lumber Increase=1.15, Plate Increase=1.15 Uniform Loads (lpf) Vert: 1-36=-60(F=-20), 7-36=-101(F=-20), 7-9=-32(F=-20), 9-45=-101(F=-20), 15-45=-60(F=-20), 28-32=-20(F), 20-22=-20(F) 1/0/2024 	Uniform Load	s (plf)						
 Vert: 23=-150 51=-150 164) 8th Unbal.1st User Defined Moving Load - Dead + Snow (balanced)-Parallel: Lumber Increase=1.15, Plate Increase=1.15 Uniform Loads (plf) Vert: 1-36=-60(F=-20), 7-36=-101(F=-20), 7-9=-32(F=-20), 9-45=-101(F=-20), 15-45=-60(F=-20), 28-32=-20(F), 20-22=-20(F) Concentrated Loads (lb) Vert: 23=-150 51=-150 165) 7th Unbal.1st User Defined Moving Load - Dead + Snow (balanced)-Parallel: Lumber Increase=1.15, Plate Increase=1.15 Uniform Loads (plf) Vert: 1-7=-32(F=-20), 7-9=-101(F=-20), 9-15=-32(F=-20), 28-32=-20(F), 20-22=-20(F) Concentrated Loads (lb) Vert: 23=-150 51=-150 166) 8th Unbal.1st User Defined Moving Load - Dead + Snow (balanced)-Parallel: Lumber Increase=1.15, Plate Increase=1.15 Uniform Loads (plf) Vert: 1-36=-60(F=-20), 7-36=-101(F=-20), 9-45=-101(F=-20), 15-45=-60(F=-20), 28-32=-20(F), 20-22=-20(F) 1/0/2024 	Concentrated	1-7=-32(F=-20), 7-9=-101(Loads (lb)	(F=-20), 9-15=-32(F=-20), 28-32=-20	J(F), 20-22=-20(F)				
 104) Stir Orbal. Str Oser Defined Moving Load - Dead + Show (balanced)-Parallel: Lumber increase=1.15, Plate increase=1.15, Vert: 1-36=-60(F=-20), 7-9=-32(F=-20), 9-45=-101(F=-20), 15-45=-60(F=-20), 28-32=-20(F), 20-22=-20(F) 105) 7th Unbal. 1st User Defined Moving Load - Dead + Snow (balanced)-Parallel: Lumber Increase=1.15, Plate Increase=1.15, Uniform Loads (lb) Vert: 1-7=-32(F=-20), 7-9=-101(F=-20), 9-15=-32(F=-20), 28-32=-20(F), 20-22=-20(F) Concentrated Loads (lb) Vert: 1-7=-32(F=-20), 7-9=-101(F=-20), 9-15=-32(F=-20), 28-32=-20(F), 20-22=-20(F) Concentrated Loads (lb) Vert: 23=-150 51=-150 166) 8th Unbal. 1st User Defined Moving Load - Dead + Snow (balanced)-Parallel: Lumber Increase=1.15, Plate Increase=1.15, Plate Increase=1.15 Uniform Loads (plf) Vert: 1-36=-60(F=-20), 7-36=-101(F=-20), 9-45=-101(F=-20), 15-45=-60(F=-20), 28-32=-20(F), 20-22=-20(F) 	Vert: 2	23=-150 51=-150	d Dood + Snow (balanced) Barally	l: Lumber Increase=1.15	Diata Inc	vroaco-1 15	WHENTH CARCING	
Vert: 1-36=-60(F=-20), 7-36=-101(F=-20), 7-9=-32(F=-20), 9-45=-101(F=-20), 15-45=-60(F=-20), 28-32=-20(F), 20-22=-20(F), 20-22=-20(F) Vert: 23=-150 51=-150 165) 7th Unbal. 1st User Defined Moving Load - Dead + Snow (balanced)-Parallel: Lumber Increase=1.15, Plate Increase=1.15 Uniform Loads (plf) Vert: 1-7=-32(F=-20), 7-9=-101(F=-20), 9-15=-32(F=-20), 28-32=-20(F), 20-22=-20(F) Concentrated Loads (lb) Vert: 23=-150 51=-150 166) 8th Unbal. 1st User Defined Moving Load - Dead + Snow (balanced)-Parallel: Lumber Increase=1.15, Plate Increase=1.15 Uniform Loads (plf) Vert: 1-36=-60(F=-20), 7-36=-101(F=-20), 7-9=-32(F=-20), 9-45=-101(F=-20), 15-45=-60(F=-20), 28-32=-20(F), 20-22=-20(F) 1/0/2024	Uniform Load	s (plf)	u - Deau - Show (balanceu)-raialle	a. Eulider increase - 1.13,		iease-1.15	STESSIC N	
Vert: 23=-150 51=-150 165) 7th Unbal. 1st User Defined Moving Load - Dead + Snow (balanced)-Parallel: Lumber Increase=1.15, Plate Increase=1.15 Uniform Loads (plf) Vert: 1-7=-32(F=-20), 7-9=-101(F=-20), 9-15=-32(F=-20), 28-32=-20(F), 20-22=-20(F) Concentrated Loads (lb) Vert: 23=-150 51=-150 166) 8th Unbal. 1st User Defined Moving Load - Dead + Snow (balanced)-Parallel: Lumber Increase=1.15, Plate Increase=1.15 Uniform Loads (plf) Vert: 1-36=-60(F=-20), 7-36=-101(F=-20), 7-9=-32(F=-20), 9-45=-101(F=-20), 15-45=-60(F=-20), 28-32=-20(F), 20-22=-20(F) 1/0/2024	Vert: 2 Concentrated	1-36=-60(F=-20), 7-36=-1(Loads (lb)	01(F=-20), 7-9=-32(F=-20), 9-45=-10)1(F=-20), 15-45=-60(F=-2	20), 28-32	2=-20(F), 20-22=-20(F)	Par har	
1003 / Introllication Loads (plf) 28147 Uniform Loads (plf) Vert: 1-7=-32(F=-20), 7-9=-101(F=-20), 9-15=-32(F=-20), 28-32=-20(F), 20-22=-20(F) Concentrated Loads (lb) Vert: 23=-150 51=-150 166) 8th Unbal.1st User Defined Moving Load - Dead + Snow (balanced)-Parallel: Lumber Increase=1.15, Plate Increase=1.15 Uniform Loads (plf) Vert: 1-36=-60(F=-20), 7-36=-101(F=-20), 7-9=-32(F=-20), 9-45=-101(F=-20), 15-45=-60(F=-20), 28-32=-20(F), 20-22=-20(F) 1/0/2024	Vert: 2	23=-150 51=-150	d Dood + Snow (balanced) Darall	l umbor lacrosse 1 45	Diata Ir -	VF0000-1.1E	SEAL	
Vert: 1-7=-32(F=-20), 7-9=-101(F=-20), 9-15=-32(F=-20), 28-32=-20(F), 20-22=-20(F) Concentrated Loads (lb) Vert: 23=-150 51=-150 166) 8th Unbal. 1st User Defined Moving Load - Dead + Snow (balanced)-Parallel: Lumber Increase=1.15, Plate Increase=1.15 Uniform Loads (plf) Vert: 1-36=-60(F=-20), 7-36=-101(F=-20), 7-9=-32(F=-20), 9-45=-101(F=-20), 15-45=-60(F=-20), 28-32=-20(F), 20-22=-20(F) 1/0/2024	Uniform Load	s (plf)	u - Deau + Show (palanceu)-Paralle	a. Lumber increase=1.15,	riate inc	Jedse-1.10	28147	
Vert: 23=-150 51=-150 166) 8th Unbal.1st User Defined Moving Load - Dead + Snow (balanced)-Parallel: Lumber Increase=1.15, Plate Increase=1.15 Uniform Loads (plf) Vert: 1-36=-60(F=-20), 7-36=-101(F=-20), 7-9=-32(F=-20), 9-45=-101(F=-20), 15-45=-60(F=-20), 28-32=-20(F), 20-22=-20(F) 1/0/2024	Vert: ² Concentrated	1-7=-32(F=-20), 7-9=-101(Loads (lb)	(F=-20), 9-15=-32(F=-20), 28-32=-20	D(F), 20-22=-20(F)		Inni	Non al I	
Too) on Onbal. Ist Oser Defined Moving Load - Dead + Snow (balanced)-Parallel: Lumber Increase=1.15, Plate Increase=1.15 Image: Constraint of the state of	Vert: 2	23=-150 51=-150	d Deed (Or over the barrier in D and	la la completa de la		3	ARESORG	
Vert: 1-36=-60(F=-20), 7-36=-101(F=-20), 7-9=-32(F=-20), 9-45=-101(F=-20), 15-45=-60(F=-20), 28-32=-20(F), 20-22=-20(F)	וסס) oth Unbal.1st Uniform Load	user Defined Moving Loa s (plf)	u - Dead + Snow (balanced)-Paralle	en: Lumper Increase=1.15,	Plate Inc	prease=1.15	Manage Munning	
	Vert: 7	1-36=-60(F=-20), 7-36=-10	01(F=-20), 7-9=-32(F=-20), 9-45=-10	01(F=-20), 15-45=-60(F=-2	20), 28-32	2=-20(F), 20-22=-20(F)) 1/0/2024	

Job	Truss	Truss Type	Qty	Ply	LOT 30 PROVIDENCE CREEK 6	55 COTTONSEED LANE FUQUAY-VARINA,	NC
24-0138-R01	R02	Piggyback Base	9	1	Job Reference (optional)	# 44031	
		Run: 8.43 ID	0 s Feb 12 kHdPkcO	2021 Print: N9g3_0lfrl	8.430 s Feb 12 2021 MiTek Industr DBIgKRzexCS-LTvctTRsg7ALt	ries, Inc. Wed Jan 10 17:18:21 2024 Page 6 tPrBW5vxbKTG5owq?a?7k2juWizwiXG	i

LOAD CASE(S)

Concentrated Loads (lb)

Vert: 23=-150 51=-150

Scale = 1:102.5

⊢	10-1-12		21-6-0	27-0-0	32-0-0	36-6-4	48-10	-4	59-0-0	
	10-1-12	2 0 0 5 01	11-4-4	5-6-0	5-0-0	4-6-4	12-4-	0	10-1-12	
Plate Offset	is (X,Y) [17:0-	·3-8,0-5-0j		1					1	
LOADING (TCLL (roof) Snow (Pf) TCDL BCLL BCDL	psf) 20.0 20.0 10.0 0.0 * 10.0	SPACING- Plate Grip DC Lumber DOL Rep Stress In Code IRC202	2-0-0 DL 1.15 1.15 cr YES 1/TPI2014	CSI. TC 0.7 BC 0.8 WB 0.9 Matrix-A3	71 38 91 S	DEFL. Vert(LL) Vert(CT) Horz(CT)	in (loc) l/d -0.28 24-26 >9 -0.44 24-26 >9 0.05 17 r	lefl L/d 99 240 98 180 n/a n/a	PLATES MT20 MT20HS Weight: 467 lb	GRIP 244/190 187/143 FT = 20%
LUMBER- TOP CHOR BOT CHOR	2D 2x6 SP No.2 D 2x6 SP No.2 B4: 2x4 SP I	*Except* No.2			B T(B)	RACING- OP CHORD OT CHORD	Structural wood Rigid ceiling dire 6-0-0 oc bracing	sheathing direct ectly applied. Ex j: 19-21	lly applied. ccept:	
WEBS	2x4 SP No.3 W5,W7: 2x4	3 *Except* SP SS			W	/EBS	1 Row at midpt 2 Rows at 1/3 p	6-24, 7 ts 8-19	7-22, 10-17, 9-17	
SLIDER	R Left 2x4 SP No.3 -° 1-11-0, Right 2x4 SP No.3 -° 1-11-0 MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.								ss bracing I Stabilizer	
REACTION	S. (lb/size) 2= Max Horz 2= Max Uplift2= Max Grav 2=	=1341/0-3-8 (min. 0- =173(LC 14) =-204(LC 14), 17=-9(=1552(LC 45), 17=41	.1-13), 17=3035/((LC 14), 14=-188 (81(LC 45), 14=7)-3-8 (min. 0-2- (LC 15) 22(LC 43)	14), 14=57	7/0-5-8 (min. (0-1-8)			
FORCES. TOP CHOR	(lb) - Max. Com D 2-3=-836/0 5-6=-2310/ 39-40=-65/ 10-11=-69 13-14=-31	p./Max. Ten All for , 3-35=-2507/268, 4 ,421, 6-37=-1266/28 0/261, 8-40=-650/26 7/421, 11-43=-844/4 9/0	ces 250 (lb) or le -35=-2342/289, 4 6, 7-37=-1141/30 1, 8-41=0/1094, 9 04, 12-43=-855/4	ss except when -36=-2450/404, 8, 7-38=-650/26 9-41=0/1094, 9- 02, 12-44=-659	shown. 5-36=-2429 51, 38-39=- 42=0/1238, /288, 13-44	9/405, 650/261, 10-42=0/1063 !=-868/267,	3,			
BOT CHOR	2-45=-307/ 24-47=-219 18-49=-160 16-52=-363	/2138, 26-45=-307/2 9/1672, 23-24=-71/1 0/338, 18-50=-160/3 3/268, 15-52=-363/2	138, 26-46=-219/ 051, 23-48=-71/1 38, 17-50=-160/3 68, 15-53=-148/6	1672, 25-46=-2 051, 22-48=-71, 38, 17-51=-363, 86, 14-53=-148,	19/1672, 25 /1051, 22-4 /268, 16-51 /686	5-47=-219/167 9=-160/338, =-363/268,	2,			
WEBS	6-24=-105 8-19=-230 6-26=-182/	3/259, 7-24=-109/11 5/219, 17-19=-2401/ /967, 10-15=-177/11	29, 7-22=-1167/1 197, 10-17=-1149 80, 4-26=-485/25	63, 21-22=-57/1 9/266, 18-20=-3 6, 12-15=-586/2	1618, 8-21= 01/0, 9-17= 255	30/1739, 860/123,				
NOTES- 1) Unbaland 2) Wind: AS Roof; Hip 16-8-6 to zone; enc DOL=1.6 3) TCLL: AS Cat B; Pa 4) Unbaland 5) This truss	(14-17) ced roof live loa SCE 7-16; Vult= o Truss; MWFR: 26-3-10, Interic d vertical left an 0 SCE 7-16; Pr=2 artially Exp.; Ce ced snow loads s has been desi	ds have been consid 120mph (3-second g S (envelope) gable e or(1) 26-3-10 to 32-8- d right exposed;C-C 0.0 psf (roof LL: Lum =1.0; Cs=1.00; Ct=1 have been consider	lered for this desi just) Vasd=95mp ind zone and C-C -6, Exterior(2R) 3 for members and DOL=1.15 Plate 10 ed for this design in roof live load	gn. h; TCDL=5.0psf Exterior(2E) -0 2-8-6 to 42-3-10 f forces & MWF DOL=1.15); Pf: of 12.0 psf or 2	f; BCDL=5.0 -10-8 to 3-1), Interior(1) RS for read =20.0 psf (L 00 times fia	0psf; h=35ft; C 11-2, Interior(1)) 42-3-10 to 54 stions shown; L Lum DOL=1.15	at. II; Exp B; Encl) 3-11-2 to 16-8-6, i-2-6, Exterior(2E) umber DOL=1.60 5 Plate DOL=1.15; 20.0 psf on overha	osed; Gable Exterior(2R) 54-2-6 to 59-00 plate grip ; Is=1.0; Rough	SEAL 28147	HILLING CONTRACTOR
non-conc	current with othe	er live loads.		or 12.0 psi 01 2.				สามูร	Man K. MUMM	
7) All plates	are MT20 plate	es unless otherwise i	ndicated.						1/9/2024	
Convisionuitage 6	n pengie 21esign p	arameters and read no	icated otes before use. Thi	s design is based o	only upon par	ameters shown, a	and is for an individu	al building compon	ent to be installed and loa	ded
vertically.	Applicability of de	sign parameters and pro	per incorporation of	component is resp	consibility of	building designe	r – not truss designer	or truss engineer.	Bracing shown is for late	rai support

of individual web members only. Additional temporary bracing to ensure stability during construction is the responsibility of the erector. Additional permanent bracing of the overall structure is the responsibility of the building designer. For general guidance regarding fabrication, quality control, storage, delivery, erection and bracing, consult ANSI/TPI 1 National Design Standard for Metal Plate Connected Wood Trusse Construction and BCSI 1-03 Guide to Good Practice for Handling, Installing & Bracing of Metal Plate Connected Wood Trusses from Truss Plate Institute, 583 D'Onofrio Drive, Madison, WI 53719.

Job	Truss	Truss Type	Qty	Ply	LOT 30 PROVIDENCE CREEK 65 COTTONSEED LANE FUQUAY-VARINA, I	NC
24-0138-R01	R04	PIGGYBACK BASE	1	1	Job Reference (optional) # 44031	
		Run: 8.43 I)s Feb 12 D:kHdPko	2021 Print: ON9g3_0	8.430 s Feb 12 2021 MiTek Industries, Inc. Wed Jan 10 17:18:25 2024 Page 2 IfrDBIgKRzexCS-EE86iqVNjMgnL09zlwztmAey9QImxN?jfgh5fTzwiXC	

NOTES- (14-17)

- 9) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- 10)* This truss has been designed for a live load of 30.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.

- 11) Bearing at joint(s) 17 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
 12) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 17 except (jt=lb) 2=204, 14=188.
 13) This truss design requires that a minimum of 7/16" structural wood sheathing be applied directly to the top chord and 1/2" gypsum sheetrock be applied directly to the bottom chord
- 14) Graphical bracing representation does not depict the size, type or the orientation of the brace on the member. Symbol only indicates that the member must be braced. 15) Bearing symbols are only graphical representations of a possible bearing condition. Bearing symbols are not considered in the structural design of the truss to support the loads indicated.
- 16) Web bracing shown is for lateral support of individual web members only. Refer to BCSI Guide to Good Practice for Handling, Installing, Restraining & Bracing of Metal Plate Connected Wood Trusses for additional bracing guidelines, including diagonal bracing. 17) SEE BCSI-B3 SUMMARY SHEET- PERMANENT RESTRAING/BRACING OF CHORDS & WEB MEMBERS FOR RECOMMENDED MINIMUM BRACING REQUIREMENTS
- OF TOP CHORD, BOTTOM CHORD, AND WEB PLANES. IN ADDITION TO THESE MINIMUM GUIDELINES, ALWAYS CONSULT THE PROJECT ARCHITECT OR ENGINEER FOR ADDITIONAL BRACING CONSIDERATIONS.

LOAD CASE(S) Standard

1/9/2024

Scale = 1:99.9

1	10-1-12	1	21-6-0	27-0-0	36-6-4	48-10-4	58-6-8
F	10-1-12	1	11-4-4	5-6-0	9-6-4	12-4-0	9-8-4
Plate Offse	ets (X,Y) [17:0-	5-0,0-4-8]					
LOADING TCLL (roof Snow (Pf) TCDL BCLL BCDL	(psf)) 20.0 20.0 10.0 0.0 * 10.0	SPACING- Plate Grip D Lumber DOL Rep Stress I Code IRC20	2-0-0 OL 1.15 . 1.15 ncr YES 21/TPI2014	CSI. TC 0.70 BC 0.81 WB 0.95 Matrix-AS	DEFL. Vert(LL) Vert(CT) Horz(CT)	in (loc) l/defl L/d 0.12 15-29 >993 240 -0.43 20-22 >999 180 0.05 17 n/a n/a	PLATES GRIP MT20 244/190 MT20HS 187/143 Weight: 452 lb FT = 20%
LUMBER- TOP CHOF BOT CHOF WEBS SLIDER	RD 2x6 SP No.2 RD 2x6 SP No.2 2x4 SP No.3 W5,W7: 2x4 Left 2x4 SP	*Except* SP No.1 No.3 -° 1-11-0, Rigi	nt 2x6 SP No.2 - ^c	1-11-0	BRACING- TOP CHORD BOT CHORD WEBS	Structural wood sheathing dire Rigid ceiling directly applied. 1 Row at midpt 6-20, 2 Rows at 1/3 pts 8-17 MiTek recommends that Stat be installed during truss erect Installation guide.	ctly applied. 7-18, 10-17, 9-17 illizers and required cross bracing tion, in accordance with Stabilizer

REACTIONS. All bearings 0-3-8 except (jt=length) 14=Mechanical.

(lb) - Max Horz 2=178(LC 14)

Max Uplift All uplift 100 lb or less at joint(s) 15 except 2=-207(LC 14), 17=-180(LC 11), 14=-180(LC 10) Max Grav All reactions 250 lb or less at joint(s) except 2=1591(LC 45), 17=3332(LC 45), 14=538(LC 43), 15=621(LC 37)

Containing on page 205 bit 20 thress other wise indicated. Containing on page 205 bit 20 thress other wise indicated. Containing on page 205 bit 20 thress other wise indicated. Containing on page 205 bit 20 thress other wise indicated. Containing on page 205 bit 20 thress other wise indicated. Containing on page 205 bit 20 thress other wise indicated. Containing on page 205 bit 20 thress other wise indicated. Containing on page 205 bit 20 thress other wise indicated. Containing on page 205 bit 20 thress other wise indicated. Containing on page 205 bit 20 thress other wise indicated and loaded vertically. Applicability of design parameters and read notes before use. This design is based only upon parameters shown, and is for an individual building component to be installed and loaded vertically. Applicability of design parameters and proper incorporation of component is responsibility of building designer – not truss designer or truss engineer. Bracing shown is for lateral support of individual web members only. Additional temporary bracing to ensure stability during construction is the responsibility of the erector. Additional permanent bracing of the overall structure is the responsibility of the building designer. For general guidance regarding fabrication, quality control, storage, delivery, erection and bracing, consult ANSI/TPI 1 National Design Standard for Metal Plate Connected Wood Truss Construction and BCSI 1-03 Guide to Good Practice for Handling, Installing & Bracing of Metal Plate Connected Wood Trusses from Truss Plate Institute, 583 D'Onofrio Drive, Madison, WI 53719.

Job	Truss	Truss Type	Qty	Ply	LOT 30 PROVIDENCE CREEK 65 COTTONSEED LANE FUQUAY-VARINA, NC
24-0138-R01	R05	PIGGYBACK BASE	4	1	Job Reference (optional) # 44031
		Run: 8.43 ID:	0 s Feb 12 kHdPkcO	2021 Print: N9g3_0Ifr	8.430 s Feb 12 2021 MiTek Industries, Inc. Wed Jan 10 17:18:29 2024 Page 2 DBIgKRzexCS-6?OdYCYtnbACqeSk_m2pw0ofN1gqtBMJalfJoEzwiX8

NOTES- (15-18)

- 9) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- 10)* This truss has been designed for a live load of 30.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
- 11) Refer to girder(s) for truss to truss connections.
- 12) Bearing at joint(s) 17 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
- 13) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 15 except (jt=lb) 2=207, 17=180, 14=180.
 14) This truss design requires that a minimum of 7/16" structural wood sheathing be applied directly to the top chord and 1/2" gypsum sheetrock be applied directly to the bottom chord.
- 15) Graphical bracing representation does not depict the size, type or the orientation of the brace on the member. Symbol only indicates that the member must be braced. 16) Bearing symbols are only graphical representations of a possible bearing condition. Bearing symbols are not considered in the structural design of the truss to support the loads indicated.
- 17) Web bracing shown is for lateral support of individual web members only. Refer to BCSI Guide to Good Practice for Handling, Installing, Restraining & Bracing of Metal Plate Connected Wood Trusses for additional bracing guidelines, including diagonal bracing. 18) SEE BCSI-B3 SUMMARY SHEET- PERMANENT RESTRAING/BRACING OF CHORDS & WEB MEMBERS FOR RECOMMENDED MINIMUM BRACING REQUIREMENTS
- OF TOP CHORD, BOTTOM CHORD, AND WEB PLANES. IN ADDITION TO THESE MINIMUM GUIDELINES, ALWAYS CONSULT THE PROJECT ARCHITECT OR ENGINEER FOR ADDITIONAL BRACING CONSIDERATIONS.

LOAD CASE(S) Standard

1/9/2024

Scale = 1:98.4

1/9/2024

 	10-1-12	21-6-0	27-0-0	36-6-4	48-10-4	58-6-8		
Plate Offsets (2	X,Y) [16:0-	5-0,0-4-8]	5-0-0	3-0-4	12-4-0	3-0-4		
LOADING (psf) TCLL (roof) Snow (Pf) TCDL BCLL BCDL) 20.0 20.0 10.0 0.0 * 10.0	SPACING- 2-0-0 Plate Grip DOL 1.15 Lumber DOL 1.15 Rep Stress Incr YES Code IRC2021/TPI2014	CSI. TC 0.70 BC 0.81 WB 0.95 Matrix-AS	DEFL. Vert(LL) Vert(CT) Horz(CT)	in (loc) l/defl L/d 0.12 14-28 >993 240 -0.43 19-21 >999 180 0.05 16 n/a n/a	PLATES GRIP MT20 244/190 MT20HS 187/143 Weight: 450 lb FT = 20%		
LUMBER- TOP CHORD BOT CHORD WEBS	2x6 SP No.2 2x6 SP No.2 2x4 SP No.3 W5,W7: 2x4 Left 2x4 SP	*Except* SP No.1 No.3 -° 1-11-0, Right 2x6 SP No.2 -° ′	I-11-0	BRACING- TOP CHORD BOT CHORD WEBS	Structural wood sheathing direc Rigid ceiling directly applied. 1 Row at midpt 5-19, 2 Rows at 1/3 pts 7-16 MiTek recommends that Stabi	tly applied. 6-17, 9-16, 8-16 lizers and required cross bracing		
REACTIONS. (lb) -	REACTIONS. All bearings 0-3-8 except (jt=length) 13=Mechanical. (lb) - Max Horz 1=165(LC 14) Max Uplift All uplift 100 lb or less at joint(s) 14 except 1=-190(LC 14), 16=-180(LC 11), 13=-180(LC 10) Max Grav All reactions 250 lb or less at joint(s) except 1=1548(LC 44), 16=3330(LC 44), 13=538(LC 42), 14=616(LC 36) EORCES (lb) - Max Comp (Max Tep - All forces 250 (lb) or less except when shown							
FORCES. (Ib) - Max. Comp./Max. Ten All forces 250 (Ib) or less except when shown. TOP CHORD 1-2=-888/0, 2-30=-2588/336, 3-30=-2422/357, 3-31=-2529/433, 4-31=-2507/434, 4-5=-2390/451, 5-32=-1316/356, 6-32=-1183/378, 6-33=-639/345, 33-34=-639/345, 34-35=-639/345, 7-35=-639/345, 7-36=0/842, 8-36=0/842, 8-37=0/968, 9-37=0/793, 9-10=-379/585, 10-38=-493/568, 11-38=-508/568, 11-39=-317/471, 12-39=-517/446,								
BOT CHORD	1-40=-319/ 19-42=-23(44-45=-58/ 14-47=-31(2210, 21-40=-319/2210, 21-41=-230/)/1749, 18-19=-80/1056, 18-43=-80/1 337, 16-45=-58/337, 16-46=-310/255)/255, 14-48=-346/377, 13-48=-346/3	1749, 20-41=-230/174 056, 17-43=-80/1056, , 15-46=-310/255, 15- 77	9, 20-42=-230/1749 17-44=-58/337, 47=-310/255,	9,			
WEBS	5-19=-1048 9-16=-840/ 3-21=-481/	3/259, 6-19=-101/1176, 6-17=-1174/1 343, 8-16=-725/93, 5-21=-183/960, 9 255	50, 7-17=-76/1466, 7- -14=-361/674, 11-14=	16=-2060/240, -571/243,				
NOTES- (14- 1) Unbalanced 2) Wind: ASCE Roof; Hip Tr 16-8-6 to 26- 58-6-8 zone; DOL=1.60 pl 3) TCLL: ASCE Cat B; Partia 4) Unbalanced 5) Provide adee 6) All plates are	-17) roof live load 7-16; Vult= uss; MWFR3 -3-10, Interior ; end vertical late grip DOI 7-16; Pr=20 ally Exp.; Cee snow loads quate draina e MT20 plate	ds have been considered for this desi 120mph (3-second gust) Vasd=95mpl S (envelope) gable end zone and C-C r(1) 26-3-10 to 32-8-6, Exterior(2R) 3. left exposed; porch right exposed;C- L=1.60 0.0 psf (roof LL: Lum DOL=1.15 Plate =1.0; Cs=1.00; Ct=1.10 have been considered for this design ge to prevent water ponding. es unless otherwise indicated.	gn. n; TCDL=5.0psf; BCD Exterior(2E) 0-0-0 to 2-8-6 to 42-3-10, Inter C for members and fo DOL=1.15); Pf=20.0	L=5.0psf; h=35ft; C 4-9-10, Interior(1) 4 ior(1) 42-3-10 to 53 rces & MWFRS for psf (Lum DOL=1.15	at. II; Exp B; Enclosed; Gable -9-10 to 16-8-6, Exterior(2R) -8-14, Exterior(2E) 53-8-14 to reactions shown; Lumber Plate DOL=1.15); Is=1.0; Rough	SEAL 28147		

7) All plates are 5x5 MT20 unless otherwise indicated.

8) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.

Job	Truss	Truss Type	Qty	Ply	LOT 30 PROVIDENCE CREEK 65 COTTONSEED LANE FUQUAY-VARINA, NO
24-0138-R01	R05A	PIGGYBACK BASE	1	1	Job Reference (optional) # 44031
		Run: 8.43 ID:kH	0 s Feb 12 IdPkcON9	2021 Print: g3_0lfrDB	8.430 s Feb 12 2021 MiTek Industries, Inc. Wed Jan 10 17:18:33 2024 Page 2 IlgKRzexCS-?nd8OZbOrpgeJFmVDc6l5szLMe1mp?LuUwdWx?zwiX4

NOTES- (14-17)

- 9) * This truss has been designed for a live load of 30.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
- 10) Refer to girder(s) for truss to truss connections.
- 11) Bearing at joint(s) 16 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface. 12) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 14 except (jt=lb) 1=190, 16=180, 13=180.
- 13) This truss design requires that a minimum of 7/16" structural wood sheathing be applied directly to the top chord and 1/2" gypsum sheetrock be applied directly to the bottom chord
- 14) Graphical bracing representation does not depict the size, type or the orientation of the brace on the member. Symbol only indicates that the member must be braced. 15) Bearing symbols are only graphical representations of a possible bearing condition. Bearing symbols are not considered in the structural design of the truss to support the loads indicated.
- 16) Web bracing shown is for lateral support of individual web members only. Refer to BCSI Guide to Good Practice for Handling, Installing, Restraining & Bracing of Metal Plate Connected Wood Trusses for additional bracing guidelines, including diagonal bracing. 17) SEE BCSI-B3 SUMMARY SHEET- PERMANENT RESTRAING/BRACING OF CHORDS & WEB MEMBERS FOR RECOMMENDED MINIMUM BRACING REQUIREMENTS
- OF TOP CHORD, BOTTOM CHORD, AND WEB PLANES. IN ADDITION TO THESE MINIMUM GUIDELINES, ALWAYS CONSULT THE PROJECT ARCHITECT OR ENGINEER FOR ADDITIONAL BRACING CONSIDERATIONS.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	LOT 30 PROVIDENCE CREEK 65 COTTONSEED LANE FUQUAY-VARINA, N
24-0138-R01	R06	PIGGYBACK BASE	5	1	Job Reference (optional) # 44031
			Run: 8.430 s Feb 12 2	2021 Print:	8.430 s Feb 12 2021 MiTek Industries, Inc. Wed Jan 10 17:18:35 2024 Page 2

ID:kHdPkcON9g3_0lfrDBlgKRzexCS-x9lupFceNRwMYZwuL19DAH2bNShDHwAByE6d?uzwiX2 10) Graphical bracing representation does not depict the size, type or the orientation of the brace on the member. Symbol only indicates that the member must be braced.

11) Bearing symbols are only graphical representations of a possible bearing condition. Bearing symbols are not considered in the structural design of the truss to support the loads indicated.

12) Web bracing shown is for lateral support of individual web members only. Refer to BCSI - Guide to Good Practice for Handling, Installing, Restraining & Bracing of Metal Plate Connected Wood Trustees for additional bracing guidelines, including diagonal bracing. 13) SEE BCSI-B3 SUMMARY SHEET- PERMANENT RESTRAING/BRACING OF CHORDS & WEB MEMBERS FOR RECOMMENDED MINIMUM BRACING REQUIREMENTS

OF TOP CHORD, BOTTOM CHORD, AND WEB PLANES. IN ADDITION TO THESE MINIMUM GUIDELINES, ALWAYS CONSULT THE PROJECT ARCHITECT OR ENGINEER FOR ADDITIONAL BRACING CONSIDERATIONS.

LOAD CASE(S) Standard

1/9/2024

Scale = 1:99.9

· · · ·	10-1-12		21-6-0	27-0-0	36-6-4		48-10-4	ļ.	58-6-8	
	10-1-12	0.0.4.0]	11-4-4	5-6-0	9-6-4		12-4-0		9-8-4	I.
Plate Offsets (X,Y)	[17:0-5-	0,0-4-8]		1						
LOADING (psf)		SPACING.	2-0-0	201	DEEL	in (loc)	l/dofl	I /d		GRIP
TCLL (roof) 20.0		Plate Grip D(0 115	TC 0.70	Vert(LL)	-0 28 15-17	>941	240	MT20	244/190
Snow (Pf) 20.0		Lumber DOI	1 15	BC 0.78	Vert(CT)	-0.42 20-22	>999	180	101120	244/100
TCDL 10.0	.	Rep Stress Ir	ncr YES	WB 0.97	Horz(CT)	0.04 17	n/a	n/a		
BCLL 0.0	*	Code IRC202	21/TPI2014	Matrix-AS		0.0.1			Weight: 452 lb	FT = 20%
BCDL 10.0									5	-
LUMBER-					BRACING-					
TOP CHORD 2x6 S	P No.2				TOP CHORD	Structural w	ood she	athing direct	tly applied.	
BOT CHORD 2x6 S	P No.2				BOT CHORD	Rigid ceiling	directly	applied.		
WEBS 2x4 S	P No.3 *	Except*			WEBS	1 Row at mi	dpt	6-20, 7	7-18, 10-17, 9-17	
W5,W	17: 2x4 S	P No.1				2 Rows at 1	/3 pts	8-17		
SLIDER Left 2	X4 SP No	5.3 -° 1-11-0, Righ	t 2x6 SP No.2 -°	1-11-0		MiTek reco	ommend	s that Stabil	lizers and required cro	oss bracing
						be installed	d during	truss erection	on, in accordance with	n Stabilizer
						Installation	guide.			
REACTIONS. (lb/siz	ze) 2=1	336/0-3-8 (min. 0	-1-13), 17=2816/0	0-3-8 (min. 0-2-9),	14=584/Mechanical					
Max I	Horz 2=1	78(LC 14)								
Max (Uplift2=-2	217(LC 14), 17=-8	3(LC 14), 14=-18	7(LC 15)						
IVIAX C	Grav Z= I	520(LC 45), 17=3	757(LC 45), 14=7	19(LC 43)						
FORCES (Ib) - Max	Comp	Max Ten - All for	rces 250 (lb) or le	ss avcant when sh	own					
TOP CHORD 2-3=	818/0 1	R-31=-2441/298 4	-31=-2275/318 4	-32=-2386/430 5-	32=-2363/431					
5-6=	-2246/4/	17 6-33=-1201/31	7 7-33=-1077/33	8 7-34=-591/300	34-35=-591/300					
35-3	36=-591/	300 8-36=-591/30	0 8-37=0/1042	9-37=0/1042 9-38=	=0/1181 10-38=0/1006	\$				
10-1	1=-672/4	406, 11-39=-819/3	89. 12-39=-830/3	87. 12-40=-656/28	1. 13-40=-856/260	,				
BOT CHORD 2-41	=-335/20	080, 22-41=-335/2	080. 22-42=-248	1613. 21-42=-248/	1613. 21-43=-248/161	3.				
20-4	3=-248/	1613, 19-20=-96/9	82, 19-44=-96/98	2, 18-44=-96/982,	18-45=-252/313,	- ,				
45-4	6=-252/3	313, 17-46=-252/3	13, 17-47=-301/2	87, 16-47=-301/28	7, 16-48=-301/287,					
15-4	8=-301/2	287, 15-49=-145/6	71, 14-49=-145/6	71						
WEBS 6-20)=-1051/2	258, 7-20=-100/11	77, 7-18=-1253/1	39, 8-18=-66/1540	, 8-17=-2099/254,					
10-1	7=-1144	/258, 9-17=-828/1	18, 6-22=-180/97	0, 10-15=-152/113	7, 12-15=-537/239,					
4-22	2=-486/28	54								
NOTES- (14-17)										
1) Unbalanced roof li	ive loads	have been consid	dered for this des	ign.					WHILL CAD	- T.T.
2) Wind: ASCE 7-16;	; Vult=12	Omph (3-second g	gust) Vasd=95mp	h; TCDL=5.0psf; B	CDL=5.0psf; h=35ft; C	at. II; Exp B; E	nclosed	l; Gable	N' ATH LANO	11,
	VIVVFRS ((envelope) gable e	end zone and C-C	Exterior(2E) -0-10	1-8 to 3-11-2, interior(1)) 3-11-2 to 16-	0-6, EXT	erior(2R)	FESSIA	04
10-0-0 10 20-3-10, 58 6 8 zono: ond y	, interior(1) 20-3-10 10 32-0	-0, EXIENDI (ZR) 3	2-0-0 10 42-3-10, 11	1101(1) 42-3-10 10 53	-0-14, EXIEND	(2E) 55	-0-14 10 S	let Mai	1
		en exposed, C-C ic			or reactions shown, Lui	TIDEL DOL-1.0	o plate	grip 🗧 🖊	1 All	* =
3) TCLL ASCE 7-16	· Pr=20 () nsf (roof II · I um	n DOI =1 15 Plate	DOI =1 15) Pf=20) 0 psf (Lum DOI =1 15	5 Plate DOI =1	15): ls=	1 0. Rough	SEAL	
Cat B: Partially Fx	(n · Ce=1	0. Cs=1 00. Ct=1	10	BOL 1.10), 11 20			. 10), 10	E	28147	
4) Unbalanced snow	loads ha	ve been consider	ed for this design					111	1	1 2
5) This truss has bee	en desigr	ned for greater of r	nin roof live load	of 12.0 psf or 2.00	times flat roof load of 2	20.0 psf on ov	erhangs	III	A CALL OF A	lun .
non-concurrent wit	th other I	ive loads.				·	0	111	GINEE	S. S.
6) Provide adequate	drainage	e to prevent water	ponding.					5	THAK K MORM	In
7) All plates are 5x5	MT20 ur	less otherwise inc	licated.						All the state and the state	
8) This truss has bee	3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.									
9) * This truss has be	3) * This truss has been designed for a live load of 30.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 wide will fit 1/9/2024									
Containuing on Marie 2	- between the bottom chord and any other members, with BCDL - 10.0pst. Other and be bodted designed and read notes before use. This design is based only upon parameters shown and is for an individual building component to be installed and loaded.									
vertically. Applicabili	vertically. Applicability of design parameters and proper incomposition of component is reponsibility of biolidine designer and trues ensures. Bracine about the internet and the second properties of the second properties									
of individual web men	nhers only	Additional tempora	ry bracing to ensure	stability during const	ruction is the responsibility	of the erector	Additions	al nermanent b	pracing of the overall strue	ture is the
responsibility of the by	uilding day	igner For general or	uidance regarding fo	brightion quality cont	rol storage delivery grad	tion and bracing	consult /	NSI/TDI 1 M	lational Design Standard	for Matal
Plate Corrected War	d Truce C	agnet. For general g	1 1 03 Guida to Car	d Practice for Unit	ing Installing & Province	of Matal Plata C	onnactod	Wood Twees	s from Truce Plata Institu	101 Menu ta 583
i une Connected Wood	u rruss Co	manucuon and bes	1-05 Guide to 600	a 1 raciice jor 11anaii	$n_{\mathcal{S}}$, mstatting α bracing 0	у тени ғине Се	мпесіей	woou rrusses	s nom riuss riate mstitu	u, 565

D'Onofrio Drive, Madison, WI 53719.

Job	Truss	Truss Type	Qty	Ply	LOT 30 PROVIDENCE CREEK 65 COTTONSEED LANE FU	JQUAY-VARINA, NC
24-0138-R01	R07	PIGGYBACK BASE	3	1	Job Reference (optional) # 44	031
		Run: 8.43 II	0 s Feb 12 D:kHdPkc	2021 Print: ON9g3_0I	8.430 s Feb 12 2021 MiTek Industries, Inc. Wed Jan 10 17:18: frDBIgKRzexCS-px?Pedf9QfRn1ADfasDAK7DMn34XD	:39 2024 Page 2 DiYntr4q8fzwiX_

NOTES- (14-17)

- 10) Refer to girder(s) for truss to truss connections.
- 11) Bearing at joint(s) 17 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
- 12) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb upliff at joint(s) 17 except (jt=lb) 2=217, 14=187.
- 13) This truss design requires that a minimum of 7/16" structural wood sheathing be applied directly to the top chord and 1/2" gypsum sheetrock be applied directly to the bottom chord.
- 14) Graphical bracing representation does not depict the size, type or the orientation of the brace on the member. Symbol only indicates that the member must be braced.
- 15) Bearing symbols are only graphical representations of a possible bearing condition. Bearing symbols are not considered in the structural design of the truss to support the loads indicated.
- 16) Web bracing shown is for lateral support of individual web members only. Refer to BCSI Guide to Good Practice for Handling, Installing, Restraining & Bracing of Metal Plate Connected Wood Trusses for additional bracing guidelines, including diagonal bracing.
- 17) SEE BCSI-B3 SUMMARY SHEET- PERMANENT RESTRAING/BRACING OF CHORDS & WEB MEMBERS FOR RECOMMENDED MINIMUM BRACING REQUIREMENTS OF TOP CHORD, BOTTOM CHORD, AND WEB PLANES. IN ADDITION TO THESE MINIMUM GUIDELINES, ALWAYS CONSULT THE PROJECT ARCHITECT OR ENGINEER FOR ADDITIONAL BRACING CONSIDERATIONS.

LOAD CASE(S) Standard

Scale = 1:98.4

	10-1-12	21-6-0	27-0-0	36-6-4	48-10-4	58-6-8
	10-1-12	11-4-4	5-6-0	9-6-4	12-4-0	9-8-4
Plate Offsets ((X,Y) [16:0-	5-0,0-4-8]				
	0	· •				
LUADING (psi	r)	SPACING- 2-0-0	CSI.	DEFL.	in (loc) l/defl L/d	PLATES GRIP
ICLL (roof)	20.0	Plate Grip DOI 115	TC 0.70	Vert(LL)	-0 28 14-16 >941 240	MT20 244/190
Snow (Pf)	20.0	Lumber DOI 115	PC 0.79	Vort(CT)		WI120 244/100
TCDL	10.0		BC 0.78		-0.42 19-21 2999 180	
BCLI	00 *	Rep Stress Incr YES	WB 0.97	Horz(CT)	0.04 16 n/a n/a	
BCDI	10.0	Code IRC2021/TPI2014	Matrix-AS			Weight: 450 lb FI = 20%
LUMBER-				BRACING-		
TOP CHORD	2x6 SP No.2			TOP CHORD	Structural wood sheathing direct	ly applied.
BOT CHORD	2x6 SP No 2			BOT CHORD	Rigid ceiling directly applied	5 11
WERS	2v/ SP No 3	*Excent*		WERS	1 Row at midnt $5-10$ f	-17 9-16 8-16
VVLDO	101 INO.0			WEBO	2 Powe at 1/2 pt = 7.16	-17, 5-10, 6-10
	VV5,VV7. 2X4				2 Rows at 1/3 pis 7-10	
SLIDER	Left 2x4 SP I	No.3 -* 1-11-0, Right 2x6 SP No.2 -* 1	1-11-0		MiTek recommends that Stabili	zers and required cross bracing
					be installed during truss erection	on, in accordance with Stabilizer
					Installation quide	,
REACTIONS	(lb/size) 1=	$(1281/0_3_8 \text{ (min } 0_1.12) 16=2811/0_3$	-3-8 (min $0-2-9$) $13=$	585/Mechanical	inotaliation galao.	
REAGINGING.	(10/3120) 1- Mox Horz 1-	1204/0.000 (mm. 0.1-12), 10-2014/0.	, o o (min. o z o), no-			
	Max Uplift1=	-200(LC 14), 16=-83(LC 14), 13=-18	7(LC 15)			
	Max Grav 1=	:1476(LC 44), 16=3756(LC 44), 13=7	17(LC 42)			
FORCES. (lb)) - Max. Com	o./Max. Ten All forces 250 (lb) or le	ss except when shown			
TOP CHORD	1-2=-838/0	. 2-30=-2446/300. 3-30=-2280/321. 3	-31=-2391/431. 4-31=-	2368/432.		
	4-5=-2252/	448 5-32=-1203/318 6-32=-1079/33	9 6-33=-592/301 33-3	34=-592/301		
	24 25- 500	2/201 + 725 - 502/201 + 726 - 0/1040 + 9	26-0/1040 $9.27-0/1$	100 0 27-0/1005		
	0 40- 070/	400 40 20- 000/200 44 20- 024/20	-30-0/1040, 8-37-0/1	100, 9-37-0/1003,		
	9-10=-670/	406, 10-38=-809/390, 11-38=-824/38	9, 11-39=-053/281, 12	-39=-853/260		
BOT CHORD	1-40=-336/	2084, 21-40=-336/2084, 21-41=-249/	1616, 20-41=-249/161	6, 20-42=-249/161	6,	
	19-42=-249	9/1616, 18-19=-96/983, 18-43=-96/98	3, 17-43=-96/983, 17-4	14=-250/314,		
	44-45=-250)/314, 16-45=-250/314, 16-46=-299/2	86, 15-46=-299/286, 1	5-47=-299/286,		
	14-47=-299	/286. 14-48=-145/668. 13-48=-145/6	68			
WEBS	5-19=-1052	2/259 6-19=-100/1178 6-17=-1253/1	39 7-17=-66/1540 7-1	16=-2099/254		
WEBC	0 16- 11/	1/258 8 16- 827/117 5 21- 181/07/	0.14 - 152/1136 11'	14- 537/230		
	3-10114-	6/200, 0-10-02//11/, 0-21-101/9/4	, 9-14132/1130, 11-	145577255,		
	3-21=-489/	254				
NOTES- (13	3-16)					
1) Unbalanced	d roof live load	ts have been considered for this desi	gn.			ANNUM INTERNET
2) Wind: ASCI	E 7-16: Vult=	120mph (3-second gust) Vasd=95mp	h: TCDL=5.0psf: BCDL	=5.0psf: h=35ft: C	at. II: Exp B: Enclosed: Gable	WINTH CARO, MIL
Roof Hip T	russ MWFRS	S (envelope) gable end zone and C-C	Exterior(2E) 0-0-0 to 4	4-9-10 Interior(1) 4	-9-10 to 16-8-6 Exterior(2R)	CH STATISTICS AND
16-8-6 to 26	3-3-10 Interio	r(1) 26-3-10 to 32-8-6 Exterior(2R) 3	2-8-6 to 12-3-10 Interi	$or(1) 12_3_{10} to 53$	-8-14 Exterior(2E) 53-8-14 to	OFESSIDA
F9 6 9 7000	s and vartical	loft eveneeds C C for members and f		or(1) + 2 - 3 - 10 to 33	wher $DOI = 1.60$ plots grip	Port Reine
50-0-0 ZUIIE	e, enu ventical	leit exposed, C-C for members and in	DICES & WIVERS IDI TE	actions shown, Lui	nber DOL-1.60 plate grip	
DOL=1.60					=	SEAL : E
3) TCLL: ASC	E 7-16; Pr=20).0 psf (roof LL: Lum DOL=1.15 Plate	DOL=1.15); Pt=20.0 p	ost (Lum DOL=1.15	Plate DOL=1.15); Is=1.0; Rough	20147 3
Cat B; Parti	ally Exp.; Ce=	=1.0; Cs=1.00; Ct=1.10			1H	20147 1 5
4) Unbalanced	snow loads	have been considered for this design				1 5
5) Provide ade	equate draina	ne to prevent water ponding				N. R. ALS
6) All plates or	re 5x5 MT20	inless otherwise indicated			11.	4 QINEE C
7) This trues h		and for a 10.0 paf battom abard live	load papagaget wi	th any other live la	ada	APLANDER
i) inis truss n	ias been desl	gried for a 10.0 psr bollom chord live	ioau nonconcurrent W	un any outer live loa	aus.	MULL K. MOUNT
8) ^ This truss	has been des	signed for a live load of 30.0psf on th	e bottom chord in all ai	reas where a rectai	ngle 3-6-0 tall by 1-0-0 wide will fit	at the test in the state of the
between the	e bottom chor	d and any other members, with BCDI	_ = 10.0psf.			
Refer to gire	der(s) for trus	s to truss connections.				1/9/2024
0						
Containuised on h	ð engi ðy Ziesign p	arameters and read notes before use. Thi	s design is based only upo	n parameters shown, a	and is for an individual building compone	ent to be installed and loaded
vertically. App	plicability of dea	sign parameters and proper incorporation of	component is responsibili	ty of building designe	r – not truss designer or truss engineer.	Bracing shown is for lateral support
of individual w	eb members on	ly. Additional temporary bracing to ensure	stability during construction	on is the responsibility	of the erector. Additional permanent b	racing of the overall structure is the
or marviauur w	- f d 1		station multiple of the	to and tesponsionity	is and have in a second ANOUTED 1 M	

responsibility of the building designer. For general guidance regarding fabrication, quality control, storage, delivery, erection and bracing, consult ANSI/TPI 1 National Design Standard for Metal Plate Connected Wood Truss Construction and BCSI 1-03 Guide to Good Practice for Handling, Installing & Bracing of Metal Plate Connected Wood Trusses from Truss Plate Institute, 583 D'Onofrio Drive, Madison, WI 53719.

Job	Truss	Truss Type	Qty	Ply	LOT 30 PROVIDENCE CREEK 65 COTTONSEED LANE FUQUAY-VARINA, NO
24-0138-R01	R07A	PIGGYBACK BASE	1	1	Job Reference (optional) # 44031
		Run: 8.43 ID:kI	0 s Feb 12 HdPkcON	2021 Print: 9g3_0lfrDl	8.430 s Feb 12 2021 MiTek Industries, Inc. Wed Jan 10 17:18:43 2024 Page 2 BIgKRzexCS-iiEwU_ifUuxDWnXQpil6UzN2ngST9VXNoT22GQzwiWw

NOTES- (13-16)

- 10) Bearing at joint(s) 16 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
- 11) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 16 except (jt=lb) 1=200, 13=187.
- 12) This truss design requires that a minimum of 7/16" structural wood sheathing be applied directly to the top chord and 1/2" gypsum sheetrock be applied directly to the bottom chord.

13) Graphical bracing representation does not depict the size, type or the orientation of the brace on the member. Symbol only indicates that the member must be braced. 14) Bearing symbols are only graphical representations of a possible bearing condition. Bearing symbols are not considered in the structural design of the truss to support the loads indicated.

- 15) Web bracing shown is for lateral support of individual web members only. Refer to BCSI Guide to Good Practice for Handling, Installing, Restraining & Bracing of Metal Plate Connected Wood Trusses for additional bracing guidelines, including diagonal bracing. 16) SEE BCSI-B3 SUMMARY SHEET- PERMANENT RESTRAING/BRACING OF CHORDS & WEB MEMBERS FOR RECOMMENDED MINIMUM BRACING REQUIREMENTS
- OF TOP CHORD, BOTTOM CHORD, AND WEB PLANES. IN ADDITION TO THESE MINIMUM GUIDELINES, ALWAYS CONSULT THE PROJECT ARCHITECT OR ENGINEER FOR ADDITIONAL BRACING CONSIDERATIONS.

LOAD CASE(S) Standard

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Job	Truss	Truss Type	Qty	Ply	LOT 30 PROVIDENCE CREEK 65 COTTONSEED LANE FUQUAY-VARINA,	,NC
24-0138-R01	R08	Piggyback Base Supported Gable	1	1	Job Reference (optional) # 44031	
		Run: 8	.430 s Feb 12	2021 Print:	t: 8.430 s Feb 12 2021 MiTek Industries, Inc. Wed Jan 10 17:18:52 2024 Page 2	2

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14) Graphical bracing representation does not depict the size, type or the orientation of the brace on the member. Symbol only indicates that the member must be braced. 15) Bearing symbols are only graphical representations of a possible bearing condition. Bearing symbols are not considered in the structural design of the truss to support the loads indicated.

16) Web bracing shown is for lateral support of individual web members only. Refer to BCSI - Guide to Good Practice for Handling, Installing, Restraining & Bracing of Metal Plate Connected Wood Trustees for additional bracing guidelines, including diagonal bracing. 17) SEE BCSI-B3 SUMMARY SHEET- PERMANENT RESTRAING/BRACING OF CHORDS & WEB MEMBERS FOR RECOMMENDED MINIMUM BRACING REQUIREMENTS

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LOAD CASE(S) Standard

1/9/2024

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Plate Connected Wood Truss Construction and BCSI 1-03 Guide to Good Practice for Handling, Installing & Bracing of Metal Plate Connected Wood Trusses from Truss Plate Institute, 583 D'Onofrio Drive, Madison, WI 53719.

- non-concurrent with other live loads.
- 7) All plates are 2x4 MT20 unless otherwise indicated.
- Gable requires continuous bottom chord bearing.
- 9) Truss to be fully sheathed from one face or securely braced against lateral movement (i.e. diagonal web).
- 10) Gable studs spaced at 2-0-0 oc.
- 11) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- 12) * This truss has been designed for a live load of 30.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 wide will fit between the bottom chord and any other members.
- 13) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 16, 10, 14, 15, 11.

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Job	Truss	Truss Type	Qty	Ply	LOT 30 PROVIDENCE CREEK 65 COTTONSEED LANE FUQUAY-VARINA,	NC
24-0138-R01	R11	Common Supported Gable	1	1	Job Reference (optional) # 44031	
		Run: 8.	30 s Feb 12	2021 Print:	8.430 s Feb 12 2021 MiTek Industries, Inc. Wed Jan 10 17:18:56 2024 Page 2	

ID:kHdPkcON9g3_0lfrDBlgKRzexCS-qCWqDRtpQuaNZn0w4x19WjQPZv3fidyHn?hEEAzwiWj

14) Graphical bracing representation does not depict the size, type or the orientation of the brace on the member. Symbol only indicates that the member must be braced. 15) Bearing symbols are only graphical representations of a possible bearing condition. Bearing symbols are not considered in the structural design of the truss to support the loads indicated.

16) Web bracing shown is for lateral support of individual web members only. Refer to BCSI - Guide to Good Practice for Handling, Installing, Restraining & Bracing of Metal Plate Connected Wood Trustees for additional bracing guidelines, including diagonal bracing. 17) SEE BCSI-B3 SUMMARY SHEET- PERMANENT RESTRAING/BRACING OF CHORDS & WEB MEMBERS FOR RECOMMENDED MINIMUM BRACING REQUIREMENTS

OF TOP CHORD, BOTTOM CHORD, AND WEB PLANES. IN ADDITION TO THESE MINIMUM GUIDELINES, ALWAYS CONSULT THE PROJECT ARCHITECT OR ENGINEER FOR ADDITIONAL BRACING CONSIDERATIONS.

LOAD CASE(S) Standard

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Job	Truss	Truss Type	Qty	Ply	LOT 30 PROVIDENCE CREEK 65 COTTONSEED LANE FUQUAY-VARINA, N
24-0138-R01	R12	Common Structural Gable	1	1	Job Reference (optional) # 44031
		Run:	8.430 s Feb 12	2021 Print:	8.430 s Feb 12 2021 MiTek Industries, Inc. Wed Jan 10 17:18:58 2024 Page 2

ID:kHdPkcON9g3_0lfrDBlgKRzexCS-maebe6u3yVq5p5AlBM3db8VaJjfvAL6aEJALl3zwiWh 12) Graphical bracing representation does not depict the size, type or the orientation of the brace on the member. Symbol only indicates that the member must be braced.

13) Bearing symbols are only graphical representations of a possible bearing condition. Bearing symbols are not considered in the structural design of the truss to support the loads indicated.

14) Web bracing shown is for lateral support of individual web members only. Refer to BCSI - Guide to Good Practice for Handling, Installing, Restraining & Bracing of Metal Plate Connected Wood Trustees for additional bracing guidelines, including diagonal bracing. 15) SEE BCSI-B3 SUMMARY SHEET- PERMANENT RESTRAING/BRACING OF CHORDS & WEB MEMBERS FOR RECOMMENDED MINIMUM BRACING REQUIREMENTS

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LOAD CASE(S) Standard

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of individual web members only. Additional temporary bracing to ensure stability during construction is the responsibility of the erector. Additional permanent bracing of the overall structure is the responsibility of the building designer. For general guidance regarding fabrication, quality control, storage, delivery, erection and bracing, consult ANSI/TPI 1 *National Design Standard for Metal Plate Connected Wood Truss Construction* and BCSI 1-03 Guide to *Good Practice for Handling, Installing & Bracing of Metal Plate Connected Wood Trusses* from Truss Plate Institute, 583 D'Onofrio Drive, Madison, WI 53719.

Job	Truss	Truss Type	Qty	Ply	LOT 30 PROVIDENCE CREEK 65 COTTONSEED LANE FUQUAY-VARINA, NO
24-0138-R01	R13	Common Girder	1	3	Job Reference (optional) # 44031
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NOTES- (13-16)

- 11) Use Simpson Strong-Tie HTU26 (20-10d Girder, 11-10dx1 1/2 Truss, Single Ply Girder) or equivalent spaced at 2-0-0 oc max. starting at 9-5-4 from the left end to 17-5-4 to connect truss(es) R10 (1 ply 2x4 SP), R09 (1 ply 2x4 SP) to front face of bottom chord.
- 12) Fill all nail holes where hanger is in contact with lumber.
- (13) Graphical bracing representation does not depict the size, type or the orientation of the brace on the member. Symbol only indicates that the member must be braced.
 (14) Bearing symbols are only graphical representations of a possible bearing condition. Bearing symbols are not considered in the structural design of the truss to support the
- loads indicated.
- 15) Web bracing shown is for lateral support of individual web members only. Refer to BCSI Guide to Good Practice for Handling, Installing, Restraining & Bracing of Metal Plate Connected Wood Trusses for additional bracing guidelines, including diagonal bracing. 16) SEE BCSI-B3 SUMMARY SHEET- PERMANENT RESTRAING/BRACING OF CHORDS & WEB MEMBERS FOR RECOMMENDED MINIMUM BRACING REQUIREMENTS
- OF TOP CHORD, BOTTOM CHORD, AND WEB PLANES. IN ADDITION TO THESE MINIMUM GUIDELINES, ALWAYS CONSULT THE PROJECT ARCHITECT OR ENGINEER FOR ADDITIONAL BRACING CONSIDERATIONS.

LOAD CASE(S) Standard

- 1) Dead + Snow (balanced): Lumber Increase=1.15, Plate Increase=1.15
- Uniform Loads (plf)
- Vert: 1-7=-60, 7-12=-60, 13-21=-20
- Concentrated Loads (lb)
 - Vert: 16=-347(F) 15=-518(F) 14=-518(F) 27=-699(F) 28=-699(F) 29=-699(F) 30=-697(F) 31=-867(F) 33=-867(F) 34=-347(F) 35=-347(F) 36=-518(F) 38=-518(F) 39=-518(F)

1/9/2024

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