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 #: 52307 JOB: 24-7828-F02 JOB NAME: LOT 0.0009 CAMPBELL RIDGE Wind Code: N/A Wind Speed: Vult= N/A Exposure Category: N/A Mean Roof Height (feet): N/A These truss designs comply with IRC 2015 as well as IRC 2018. *13 Truss Design(s)*

Trusses: F01, F02, F03, F04, F05, F06, F07, F08, F09, F10, F11, F12, F13



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



			12-1-0 12-1-0		I
Plate Offsets (X,Y)	[6:0-1-8,Edge], [16:0-1-8,Edge], [20:E	Edge,0-1-8]			
LOADING (psf) TCLL 40.0 TCDL 10.0 BCLL 0.0 BCDL 5.0	SPACING- 2-0-0 Plate Grip DOL 1.00 Lumber DOL 1.00 Rep Stress Incr YES Code IRC2021/TPI2014	CSI. TC 0.06 BC 0.01 WB 0.03 Matrix-SH	DEFL. in Vert(LL) n/a Vert(CT) n/a Horz(CT) 0.00	i (loc) I/defi L/d - n/a 999 - n/a 999 11 n/a n/a	PLATES GRIP MT20 244/190 Weight: 54 lb FT = 20%F, 11%E
LUMBER-TOP CHORD2x4 SP No.1(flat)BOT CHORD2x4 SP No.1(flat)WEBS2x4 SP No.3(flat)OTHERS2x4 SP No.3(flat)			BRACING- TOP CHORD BOT CHORD	Structural wood sheathing c end verticals. Rigid ceiling directly applied	irectly applied or 6-0-0 oc purlins, except or 10-0-0 oc bracing.

REACTIONS. All bearings 12-1-0.

(lb) - Max Grav All reactions 250 lb or less at joint(s) 20, 11, 19, 18, 17, 16, 15, 14, 13, 12

FORCES. (Ib) - Max. Comp./Max. Ten. - All forces 250 (Ib) or less except when shown.

NOTES- (5-8)

- 1) Gable requires continuous bottom chord bearing.
- 2) Truss to be fully sheathed from one face or securely braced against lateral movement (i.e. diagonal web).
- 3) Gable studs spaced at 1-4-0 oc.
- 4) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.
- 5) 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.
- 6) 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.
- 7) 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.
 8) SEE BCSI-B3 SUMMARY SHEET- PERMANENT RESTRAING/BRACING OF CHORDS & WEB MEMBERS FOR RECOMMENDED
- 8) 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





ļ	5-2-10 5-2-10	6-2-10 1-0-0	0 7-2-10 0 1-0-0	12- 5-2	5-4 -10
Plate Offsets (X,Y)	[3:0-1-8,Edge], [4:0-1-8,Edge], [6:0-1-	8,Edge], [14:Edge,0-1-8]			
LOADING (psf) TCLL 40.0 TCDL 10.0 BCLL 0.0 BCDL 5.0	SPACING- 1-7-3 Plate Grip DOL 1.00 Lumber DOL 1.00 Rep Stress Incr YES Code IRC2021/TPI2014	CSI. TC 0.23 BC 0.44 WB 0.32 Matrix-SH	DEFL. in Vert(LL) -0.07 Vert(CT) -0.09 Horz(CT) 0.02	(loc) I/defl L/d 11-12 >999 480 11 >999 360 7 n/a n/a	PLATES MT20 GRIP 244/190 Weight: 62 lb FT = 20%F, 11%E
LUMBER- TOP CHORD 2x4 SF BOT CHORD 2x4 SF WEBS 2x4 SF	2 No.1(flat) 2 No.1(flat) 2 No.3(flat)		BRACING- TOP CHORD BOT CHORD	Structural wood sheathing di end verticals. Rigid ceiling directly applied	irectly applied or 6-0-0 oc purlins, except or 10-0-0 oc bracing.

REACTIONS. (lb/size) 14=531/0-3-6 (min. 0-1-8), 7=531/0-3-6 (min. 0-1-8)

FORCES. (Ib) - Max. Comp./Max. Ten. - All forces 250 (Ib) or less except when shown.

TOP CHORD 14-15=-528/0, 1-15=-527/0, 7-16=-528/0, 6-16=-527/0, 1-2=-533/0, 2-3=-1304/0, 3-4=-1546/0, 4-5=-1304/0,

- 5-6=-533/0 BOT CHORD 12-13=0/1055, 11-12=0/1546, 10-11=0/1546, 9-10=0/1546, 8-9=0/1055
- WEBS 3-12=-396/0, 2-12=0/335, 2-13=-679/0, 1-13=0/675, 4-9=-396/0, 5-9=0/335, 5-8=-679/0, 6-8=0/675

NOTES-(3-6)

1) Unbalanced floor live loads have been considered for this design.

2) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.

3) 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.

4) 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.

5) 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. 6) 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	5-2-10	0-2-10 1-2-	.10	12-0-14	12-9-0 14-0-7
	5-2-10	1-0-0 1-0	-0	5-1-4	0-1-8 2-0-1
Plate Offsets (X,Y) [3:0-1-8,Edge], [4:0-1-8,Edge], [17:Ed	dge,0-1-8]			
LOADING (psf) TCLL 40.0 TCDL 10.0 BCLL 0.0 BCDL 5.0	SPACING- 1-7-3 Plate Grip DOL 1.00 Lumber DOL 1.00 Rep Stress Incr YES Code IRC2021/TPI2014	CSI. TC 0.27 BC 0.46 WB 0.33 Matrix-SH	DEFL. in Vert(LL) -0.07 Vert(CT) -0.09 Horz(CT) 0.02	n (loc) I/defi L/d 714-15 >999 480 014-15 >999 360 2 10 n/a n/a	PLATES GRIP MT20 244/190 Weight: 75 lb FT = 20%F. 11%E
LUMBER- TOP CHORD 2x4 BOT CHORD 2x4 WEBS 2x4	SP No.1(flat) SP No.1(flat) SP No.3(flat)		BRACING- TOP CHORD BOT CHORD	Structural wood sheathing o end verticals. Rigid ceiling directly applied	directly applied or 6-0-0 oc purlins, except

12 2 14

6-0-0 oc bracing: 10-11,9-10.

7 2 10

REACTIONS. (lb/size) 17=517/0-3-6 (min. 0-1-8), 10=727/0-3-8 (min. 0-1-8) Max Grav 17=527(LC 3), 10=727(LC 1)

F 2 10

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.

TOP CHORD 17-18=-525/0, 1-18=-524/0, 1-2=-529/0, 2-3=-1292/0, 3-4=-1526/0, 4-5=-1275/0, 5-6=-503/0

BOT CHORD 15-16=0/1047, 14-15=0/1526, 13-14=0/1526, 12-13=0/1526, 11-12=0/1017

WEBS 6-10=-707/0, 3-15=-387/0, 2-15=0/328, 2-16=-674/0, 1-16=0/670, 4-12=-440/0, 5-12=0/366, 5-11=-672/0, 6-11=0/684

6 2 10

NOTES- (4-7)

1) Unbalanced floor live loads have been considered for this design.

2) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.

3) CAUTION, Do not erect truss backwards.

4) 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.

5) 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.

 6) 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.
 7) SEE BCSI-B3 SUMMARY SHEET- PERMANENT RESTRAING/BRACING OF CHORDS & WEB MEMBERS FOR RECOMMENDED

7) 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



12 5 6

11 5 7







BRACING-

TOP CHORD

BOT CHORD

end verticals

FORCES. (Ib) - Max. Comp./Max. Ten. - All forces 250 (Ib) or less except when shown. TOP CHORD 20-21=-466/0, 1-21=-465/0, 1-2=-464/0, 2-3=-1088/0, 3-4=-1195/0, 4-5=-817/0, 5-6=-115/292, 6-7=-115/292, 7-8=0/424 BOT CHORD 18-19=0/921, 17-18=0/1195, 16-17=0/1195, 15-16=0/1195, 14-15=0/480, 13-14=0/480, 12-13=-791/0, 11-12=-787/0 7-12=-944/0, 2-19=-596/0, 1-19=0/587, 4-15=-492/0, 5-15=0/445, 5-13=-745/0, 7-13=0/757, 7-11=0/457, 8-11=-411/0, WFBS 8-10=-135/252

Matrix-SH

NOTES-(5-8)

BCDL

LUMBER-

REACTIONS.

WFBS

5.0

TOP CHORD 2x4 SP No.1(flat)

BOT CHORD 2x4 SP No.1(flat)

2x4 SP No.3(flat)

Max Uplift10=-139(LC 3)

1) Unbalanced floor live loads have been considered for this design.

Code IRC2021/TPI2014

Max Grav 20=471(LC 3), 12=961(LC 1), 10=111(LC 4)

2) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 139 lb uplift at joint 10.

(lb/size) 20=469/0-3-6 (min. 0-1-8), 12=961/0-3-8 (min. 0-1-8), 10=-22/0-3-8 (min. 0-1-8)

3) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.

4) CAUTION, Do not erect truss backwards.

5) 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.

6) 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.

7) Web bracing shown is for lateral support of individual web members only. Refer to BCSI - Guide to Good Practice for Handling, Installing,

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 8) SEE BCSI-B3 SUMMARY SHEET- PERMANENT RESTRAING/BRACING OF CHORDS & WEB MEMBERS FOR RECOMMENDED

LOAD CASE(S) Standard

Month and le And an and a state of the state NOINEE ARK K. MORRIS 9/16/2024

Weight: 84 lb

Structural wood sheathing directly applied or 6-0-0 oc purlins, except

Rigid ceiling directly applied or 6-0-0 oc bracing.

FT = 20%F, 11%E



FORCES. (Ib) - Max. Comp./Max. Ten. - All forces 250 (Ib) or less except when shown.

TOP CHORD 23-24=-715/0, 1-24=-714/0, 12-25=-714/0, 11-25=-713/0, 1-2=-855/0, 2-3=-2137/0, 3-4=-2137/0, 4-5=-2994/0,

5-6=-2994/0, 6-7=-3356/0, 7-8=-3344/0, 8-9=-2961/0, 9-10=-2139/0, 10-11=-854/0

BOT CHORD 21-22=0/1614, 20-21=0/2638, 19-20=0/3277, 18-19=0/3344, 17-18=0/3344, 16-17=0/3344, 15-16=0/2637, 14-15=0/2637, 13-14=0/1614

WEBS 1-22=0/1037, 2-22=-987/0, 2-21=0/681, 4-21=-652/0, 4-20=0/455, 6-20=-361/0, 6-19=-49/276, 8-16=-623/0,

9-16=0/468, 9-14=-648/0, 10-14=0/684, 10-13=-988/0, 11-13=0/1036, 7-19=-288/250

NOTES- (4)

1) Unbalanced floor live loads have been considered for this design.

2) All plates are MT20 plates unless otherwise indicated.

3) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.

LOAD CASE(S) Standard



Job	Truss	Truss	уре	C	ty Pl	ly LOT 0.	0009 CAMPBELL RIDG	E ANGIER, NC	
24-7828-F02	F08	FLOOR		1			eference (ontional)		# 52307
				Run: 8.430	s Feb 12 2	021 Print: 8.630	s Jul 12 2024 MiTek Inc	lustries, Inc. Tue Se	p 17 10:47:49 2024 Page 1
0-1-8				10.000			Syowb3-wwwiviezinp	IJFIIJIUHACKUFIS	siszo / usilq@@anychiDe
1-3-0	I		, (0-10-0) .				0-1-8
			Г	11	1				Scale = 1:33.1
4×4 —									4×4 —
4x4 = 1 5x3 =	3x4 = 3x8 F	P = 3x4 = 1	5x3 3x4 =	3x4 =	3x4	=	3x4 =	3x4 ==	4x4 = 1.5x3 =
1	2 3	4	5 6	7	8		9	10	11
				- Fi			- E	E.	
				W3		\backslash			
	R T	ř ř		í	•			B2	
23	22 21	26	20 19	18	17	16 15	14	1	3 12
3x4	4x4 = 3x4	4 = 3	3x8 = 3x4	l = 1.5x3	1.5x3	3x8 MT2)HS FP = 3x4 =	42	≪4 = 3x4
						3x4 =			
		10-1-0		11-1-0 1	2-1-0		19-11-8		
Plate Offsets (X.Y) [1:Edge.0-1-8], [7:0-	10-1-0 -1-8.Edge], [8:0-1-8	3.Edae]. [11:0-1-8.Edae	1-0-0 e]. [23:Edge.0-1-	1-0-0 ' 31		7-10-8		
		1.4.0	<u></u>		- <u>,</u> in (les) l/defi	1 /-1		
TCLL 40.0	Plate Grip D	OL 1.00	TC 0.52	Vert(LL)	-0.31	18 >774	480	MT20	244/190
TCDL 10.0	Lumber DOL	. 1.00	BC 0.70	Vert(CT)	-0.42 18	3-19 >563	360	MT20HS	187/143
BCDL 0.0 BCDL 5.0	Code IRC202	21/TPI2014	Matrix-SH	Horz(CT)	0.06	12 n/a	n/a	Weight: 100 lb	FT = 20%F, 11%E
				PRACING				-	
TOP CHORD 2x4	SP No.1(flat)			TOP CHC	- IRD Si	tructural woo	d sheathing directly	applied or 6-0-	0 oc purlins, except
BOT CHORD 2x4	SP SS(flat) *Except* 2x4 SP No 1(flat)			BOT CHC	er RD R	nd verticals. igid ceiling d	rectly applied or 6-	0-0 oc bracing	
WEBS 2x4	SP No.3(flat)			DOT ONC		igia cening a	rectly applied of 0-	0-0 oc bracing.	
REACTIONS. (lb/	size) 23=718/0-3-8 (i	min 0-1-8) 12=71	3/0-3-0 (min 0-1-8)						
Ma	x Horz 23=26(LC 4)								
FORCES. (lb) - M	ax. Comp./Max. Ten	All forces 250 (lb)	or less except when sh	iown.					
TOP CHORD 23	8-24=-715/0, 1-24=-713	8/0, 12-25=-714/0,	11-25=-713/0, 1-2=-85	5/0, 2-3=-2137/0,					
3- 9-	4=-2137/0, 4-5=-2993/ 10=-2140/0, 10-11=-85	0, 5-6=-2993/0, 6-7 54/0	=-3357/0, 7-8=-3344/0	, 8-9=-2960/0,					
BOT CHORD 21	-22=-34/1613, 21-26=-	-137/2654, 20-26=-	2/2638, 19-20=0/3276	, 18-19=-4/3344,					
WEBS 7-	18=-330/214, 16-17=0/3 18=-330/214, 8-17=-15	53/281, 15-16=0/263 53/281, 1-22=0/103	o, 14-15=0/2638, 13-14 7, 2-22=-987/16, 2-21=	4=0/1614 =-52/710, 4-21=-6	684/82,				
4-	20=-121/537, 6-20=-42	22/106, 6-19=-217/	399, 8-16=-776/274, 9-	16=-135/551,	•				
9-	14003/02, 10-14=-4/	1109, 10-13=-988/	22, 11-13=0/1036, 7-18	9401/400					
NOTES- (5)	n live leade have heer	considered for this	docian						
	TO plates uplace of	considered for this	uesign.						

2) All plates are MT20 plates unless otherwise indicated.
 3) This truss has been designed for a total drag load of 125 plf. Lumber DOL=(1.33) Plate grip DOL=(1.33) Connect truss to resist drag loads along bottom chord from 4-8-12 to 19-11-8 for 163.8 plf.

4) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.

LOAD CASE(S) Standard





		5-2-10	1-0-0 1-0-0		5-1-0		3_11_	<u>,</u>	+ 4-0-12	
Plate Of	ffsets (X,Y)	[4:0-1-8,Edge], [5:0-1-8,Edge]	dge], [24:Edge,0-1	-8]	0-1-0		0-11-	0	+-0-12	
LOADIN	G (psf)	SPACING-	1-7-3	CSI.	DEFL.	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL	<u>40.0</u>	Plate Grip DOL	1.00	TC 0.28	Vert(LL) -0.	.07 21-22	>999	480	MT20	244/190
TCDL	10.0	Lumber DOL	1.00	BC 0.47	Vert(CT) -0.	.10 21-22	>999	360		
BCLL	0.0	Rep Stress Incr	YES	WB 0.36	Horz(CT) 0	.01 17	n/a	n/a		
BCDL	5.0	Code IRC2021/TPI	2014	Matrix-SH					Weight: 105 lb	FT = 20%F, 11%E
LUMBE	R-		·		BRACING-					

TOP CHORD 2x4 SP No.1(flat)

BOT CHORD 2x4 SP No.1(flat) 2x4 SP No.3(flat) WFBS

TOP CHORD

Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals

BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.

REACTIONS. All bearings 0-3-8 except (jt=length) 24=0-3-6.

(Ib) - Max Grav All reactions 250 Ib or less at joint(s) 12 except 24=471(LC 5), 17=940(LC 3), 14=350(LC 4)

FORCES. (Ib) - Max. Comp./Max. Ten. - All forces 250 (Ib) or less except when shown.

TOP CHORD 24-25=-466/0, 1-25=-465/0, 1-2=-464/0, 2-3=-1088/0, 3-4=-1088/0, 4-5=-1196/0, 5-6=-818/0, 6-7=-117/290, 7-8=0/468

BOT CHORD 22-23=0/921, 21-22=0/1196, 20-21=0/1196, 19-20=0/1196, 18-19=0/481, 17-18=-788/0, 16-17=-784/0, 15-16=-255/58, 14-15=-255/58

WEBS 7-17=-922/0, 9-14=-256/0, 2-23=-596/0, 1-23=0/587, 5-19=-491/0, 6-19=0/445, 6-18=-744/0, 7-18=0/755, 7-16=0/398, 8-16=-359/0, 8-14=-155/267

NOTES-(4-7)

1) Unbalanced floor live loads have been considered for this design.

2) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.

3) CAUTION, Do not erect truss backwards.

4) 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.

5) 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.

6) 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. SEE BCSI-B3 SUMMARY SHEET- PERMANENT RESTRAING/BRACING OF CHORDS & WEB MEMBERS FOR RECOMMENDED 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. DAD CASE(S) Standard SEAL 28147 7)

LOAD CASE(S) Standard



$\frac{1}{2} \sum_{k=1}^{1} \sum_{k=1}^{k} \sum_{k=1}^$		Тлисс		1044	Div		
$\frac{1}{12^{-1} - \frac{1}{12^{-1} - \frac{1}$	24-7828-F02	F10	Floor		1 Piy	LOT 0.0009 CAMPBELL RIDGE ANGIER, NC	# 57207
$\frac{1}{12} + \frac{1}{12} $				Run: 8.430 s Feb 1	' 2 2021 Print	Job Reference (optional) t: 8.630 s Jul 12 2024 MiTek Industries, Inc. Tue	# 32307 Sep 17 10:47:51 2024 Page 1
$\frac{1}{12} + \frac{1}{12} $	0.4.9			ID:C6coucD2IwHa	aZ3sGy11r	mE3yowb3-SJz6fDo3HwVS6dROOyevTgk	G9vigbqhAp8vWDFycmDc
$\frac{344}{120} = \frac{344}{120} = $	0-1-8 ,,,, 1-1-2 , 1-3	-0 .	2-0-0	1-1-0			, 1-2-12 ₁ 0-₁1-8
	HF						Scale = 1:33.6
The second seco							
$\frac{1}{10^{10}} + \frac{1}{10^{10}} + \frac{1}{10^{10}$							
$ \begin{array}{c} 10^{-1} & 0^{$	3x4 =						3x4 =
1 2 3 1 0 0 7 0	1.5x3 =	3x4 = 3x4 =	3x4 = 3x	x4 = 3x8 FP = 3x8	3 =	$3x4 = 1.5x3 \parallel 3x4 =$	1.5x3 =
Image: Status	1	2 3	4 5			8 9 10	11
Image: State of the state	25 W2			W4			W5 B 1 26
Product Product <t< td=""><td></td><td></td><td>B1</td><td></td><td></td><td>8 B2</td><td></td></t<>			B 1			8 B2	
Image: Second	277 23	22 21	20 10	18 17		16 15 14	13 17
S2-10 16-2-10 7-2-10 12-3-10 12-3-10 2-10 7-11-12 Plate Offsets (XY)- [30-1-8.Edge] [40-1-8.Edge] [10-1-8.Edge] [24.Edge.0-1-8] Intervention Intervention 7-11-12 LOADING (par) SPACING- 1-7.3 CSL DEFL In (too.) Videl ILd MT20 244/150 TCDL 10.0 Rep Sheas hor YES WB No	3x4 3x4 =	3x4 = 1.5x3	1.5x3 3x4 =	3x4 = 3x4	4 3	x4 = 3x8 FP = 3x8 =	$3x4 = 3x4 \parallel$
Section 162-10 172-10 123-10 203-36 Plate Offsets (XY) - (32-1-13.cbgg), [41-1-3.cbgg), [24-1-3.cbgg), [
F2-10 1-6-210 12-20 12-30 20-3-4 Plate Offsets (XV) = [30-13.6.tdge], [40-13.6.tdge], [110-19.6.tdge], [24.6.tdge, 0.1-8] In (boc) Plate Offsets (XV) = [30-13.6.tdge], [20-13.6.tdge], [24.6.tdge, 0.1-8] CDLI 40.0 Flate Offsets (XV) = [30-13.6.tdge], [20-13.6.tdge], [24.6.tdge, 0.1-8] In (boc) Plate (Figure 0.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1							
Underson 52-10 1-6-210 1-2-20 2-3-10 2-3-10 2-3-10 2-3-10 Plate Offsets (XY)- 13-0-1-13.6Eggl, (14-0-13.6Eggl, (14-0-13.6Eg							
Solid 16-20 16-20 12-20 20-26 Plate Offsets (XY): 20-34.64(2) 15-40 21-102 LoaDING (self) SPACINC 1.7.3 CSI. 15-40 Vert(L) -0.07 21:22 9-999 430 MI20 24/11/20 TCLL 40.0 Lumber Doll Code IRC2021/TPI2014 Matrix-SH Vert(L) -0.07 21:22 9-999 430 MI20 24/41/90 UNDER Code IRC2021/TPI2014 Matrix-SH DP CHORD D Structural wood sheathing directly applied or 6-0-0 oc purlins, except end Verticals, BOT CHORD 24:45 PN 0.11(fat) DP CHORD 24:45 PN 0.21(fat) DP CH							
Ex-10 16-2-10 12-3-10 12-3-10 20-3-6 Plate Offsets (X7)- [30-14.5.dgo], [4:0-14.5.dgo], [11:0-14.5.dgo], [24:5.go,0-1.4] Image: Construct of the state of the st							
Plate Offsets (XY)- 13:01-8,Edgel, [4:01-8,Edgel, [2:10-1-8,Edgel, [2:4Edge.0-1-8] Description LOADING (ps) TCLL 40:01 Plate Grip DOL 1:00 TCLL 10:0 TCLL 5:0 SPACING- Plate Grip DOL 1:00 Rep Stress hor YES C3: Matrix-SH DEFL. 0: (0:0) Vert(L) - 0:0 21-22 >999 360 Vert(CT) - 0:10 21-22 >999 360 Weight: 104 Ib FT = 20%F, 11%E UMBER TOP CHORD 2:44 SP No:1(flat) WEBS TOP CHORD 2:44 SP No:1(flat) Weight: 104 Ib FT = 20%F, 11%E BACING- TOP CHORD 2:44 SP No:1(flat) BOT CHORD 2:44 SP No:1(flat) WEBS TOP CHORD 2:44 SP No:1(flat) BOT CHORD 2:44 SP No:1(flat) Weight: 104 Ib FT = 20%F, 11%E REACTIONS. (Ib/aize) 2:44-62:0-3-6 (min. 0-1-8), 12=2340:0-3-8 (min. 0-1-8), 17=1055/0-3-8 (min. 0-1-8) Matrix-12:20 (2:4) SP No:1(flat) WEBS STO CHORD 2:44-62:0-3-6 (min. 0-1-8), 12=2340:0-3-8 (min. 0-1-8) Matrix-12:20 (2:4) SP No:1(flat) BOT CHORD 2:22-490:0, 12-25-470:0, 12-26-2910; 11-26-4600; 2-4-10960; 3-4-12080; 4-5-8350, SC +1353, 67-1353, 78-644(44), 58-4771; 2:2-4660; 7:10-11-27520 BOT CHORD 2:22-290:028, 21-22-90:100; 10:21-00:1208, 15-19=-4660; 1:7-18-8570, 16-17=-8520, 15-16=-292/38, 10-13=-299/5, 1:1-13=-25/331 ROTES: (4:7) 1) Uhadamed foor live loads have been considered for this design. 1) NOTES: (4:7) 1:13=-26/331 1:13=-26/331 2) CAUTION, Do not rect truss backwards. 3) CAUTION, Do not rect truss backwards. 3) 3) CAUTION, Do not rect truss backwards. 3) CAUTION, Do not recet truss backwards. 3)	l	5-2-10 6 5-2-10	<u>-2-10 7-2-10 12-3</u>	3-10 -0		20-3-6	
LOADING (pric) TCDL SPACING- 10.0 T-7.3 Rep Bress Incr Y (FS) Code IRC2021/TPI2014 CSL New 0.36 Matrix-SH DEFL Ver(LT) in (no) 0/2 1:22 New 10.0 Vided Ver(LT) Vided Ver(LT) Vided Ver(LT) PLATE No CRV Matrix-SH LUMBER- TOP CHORD 244 SP No.1(flat) BOT CHORD Rigid celling directly applied or 6-0-0 oc bracing. FRACTIONS: (Ib/size) 244=f3/C0.3) (12=256LC 4), 17=1055(IC 1) FOP CHORD Rigid celling directly applied or 6-0-0 oc bracing. FOP CHORD 242-SP No.1(flat) BOT CHORD 242-SP No.1(flat) BOT CHORD 242-SP No.1(flat) BOT CHORD 242-SP No.1(flat) COP CHORD 24	Plate Offsets (X,Y) [3:	0-1-8,Edge], [4:0-1-8,Edge]	[11:0-1-8,Edge], [24:Edge,0-1-8]				
TCDL 100 Plate Gin DOL 1.00 TC 0.30 Vert(L1) -0.0721-22 >999 360 MT20 244/190 BCLL 0.0 Rep Stress Incr VES WB 0.36 Horz(CT) 0.01 12 n/a n/a BCLL 0.0 Code IRC2021/TPI2/014 Matrix-SH BACINC TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc bracing. REACTONS. (bisize) 24-462/0-3-6 (min. 0-1-8), 12=234/0-3-8 (min. 0-1-8), 17=1055/0-3-8 (min. 0-1-8) BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing. REACTONS. (bisize) 24-462/0-3-6 (min. 0-1-8), 12=234/0-3-8 (min. 0-1-8), 17=1055/0-3-8 (min. 0-1-8) BOT CHORD Structural wood sheathing directly applied or 6-0-0 oc bracing. REACTONS. (bisize) 24-462/0-3-6 (min. 0-1-8), 12=234/0-3-8 (min. 0-1-8), 17=1055/0-3-8 (min. 0-1-8) BOT CHORD Structural wood sheathing directly applied or 6-0-0 oc bracing. REACTONS. (bisize) 24-462/0-3-6 (min. 0-1-8), 12=234/0-3-8 (min. 0-1-8), 17=1055/0-3-8 (min. 0-1-8) BOT CHORD Structural wood sheathing directly applied or 6-0-0 oc bracing. FORCES. (b) - Max. Comp.Max. Ten All forces 250 (b) or less except when shown. TOP CHORD 2425=46800, 12=22-0120, 20, 20=21-01120, 12=25920	LOADING (psf)	SPACING- 1-7-3	CSI.	DEFL. in	(loc) l	/defl L/d PLATES	GRIP
BCLL 0.0 Rep Stress Incr YES WB 0.36 Hor2(CT) 0.01 12 n/a Weight: 104 lb FT = 20%F, 11%E LUMBER TOP CHORD 2x4 SP No.1(flat) BRACING- TOP CHORD 2x4 SP No.1(flat) BRACING- TOP CHORD X4 SP No.1(flat) TOP CHORD X4 SP No.1(flat) BRACING- TOP CHORD X4 SP No.1(flat) BRACING- TOP CHORD Rigid ceiling directly applied or 6-0-0 oc bracing. REACINGS. (bbizie) 24=462(0-3-6 (min. 0-1-8), 12=234/0-3-8 (min. 0-1-8), 17=1055/0-3-8 (min. 0-1-8) Max Grav24=473(LC3), 12=295(LC4), 17=1055(LC1) BRACING- TOP CHORD X2+25=488/0, 1-25=467/0, 12-26=291/0, 11-26=291/0, 1-26=291/0, 14-26=291/0, 14-26=291/0, 14-26=291/0, 14-26=291/0, 14-26=291/0, 14-26=291/0, 14-26=291/0, 14-16=292/385, 14-15=5927.51, 14-4=5991/0, 12-26=291/0, 14-26=291/0, 14-26=291/0, 14-26=291/0, 14-16=292/385, 14-15=5927.51, 14-6=5991/0, 12-26=001/208, 19-20=01/208, 15-18=-742/0, 7-18=0/754, 7-16=0/568, 8-16=-523/0, 10-13a=2990/51, 11-13=-25/331 NOTES: (4.7) 1) Unbalanced floor live loads have been considered for this design. 2) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 c and fastened to each truss with 3-10d (0.131* X 3*) nails. Strongbacks to be atached to walls at their outer ends or restrained by other means. 3) CAUTION, Do not erect truss backwards.	TCLL 40.0 TCDL 10.0	Plate Grip DOL 1.00 Lumber DOL 1.00) TC 0.30) BC 0.49	Vert(LL) -0.07 Vert(CT) -0.10	21-22 >	>999 480 MT20 >999 360	244/190
Lubber UMBER TOP CHORD 2x4 SP No.1(flat) TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end witched. BOT CHORD 2x4 SP No.3(flat) TOP CHORD Rigid ceiling directly applied or 6-0-0 oc bracing. REACTIONS. (bbixie) 24-452/0-3-6 (min. 0-1-8), 12=234/0-3-8 (min. 0-1-8), 17=1055/0-3-8 (min. 0-1-8) Rigid ceiling directly applied or 6-0-0 oc bracing. REACTIONS. (bbixie) 24-467/0, 12=264/0, 14-26-467/0, 12-26-291/0, 11-26-291/0, 14-2-466/0, 2-31096/0, 3-41208/0, 4-5835/0, 5-6-1735, 3-7-17-153, 7-8-64/449, 9-9-4-77152, 7-01-12-7752/0 BOT CHORD FORCES. (b) - Max. Comp.Max. TenAll forces 250 (b) or less except when shown. TOP CHORD 22-3-0926, 21-22-01/208, 20-21-01/208, 18-20-01/208, 18-19-4/501, 17-18-557/0, 16-173552/0, 15-16-292/385, 14-15-597/055 BOT CHORD 22-3-0926, 21-22-01/208, 20-21-01/208, 18-20-01/208, 18-19-4/501, 17-18-557/0, 16-173552/0, 15-16-292/385, 14-15-597/055 WEBS 7-17-1035/0, 2-23599/0, 1-23-0/500, 4-19-511/0, 5-19-0/458, 5-18742/0, 7-18-0/754	BCLL 0.0	Rep Stress Incr YES	WB 0.36	Horz(CT) 0.01	12	n/a n/a Weight: 104 l	5 FT - 20% F 11% F
LUMBER: BRACING TOP CHORD 2x4 SP No.1(flat) BOT CHORD 2x4 SP No.1(flat) WEBS 2x4 SP No.1(flat) WEBS 2x4 SP No.1(flat) WEBS 2x4 SP No.1(flat) BOT CHORD R Rid celling directly applied or 6-0-0 oc bracing. REACTIONS. (Ib/size) 24=462/0-3-6 (min. 0-1-8), 12=234/0-3-8 (min. 0-1-8), 17=1055/0-3-8 (min. 0-1-8) Max Grav24=473(LC 3), 12=235(LC 4), 17=1055(LC 1) FORCES. (Ib) - Max. Comp./Max. Ten All forces 250 (Ib) or less except when shown. TOP CHORD 2x4 SP No.1(flat) EOR CHORD 2x4 SP No.1(flat) FORCES. (Ib) - Max. Comp./Max. Ten All forces 250 (Ib) or less except when shown. TOP CHORD 2x4 SP 480, 12=26-2910, 11-26=-2910, 12=-4660, 2=-10960, 3=-10960, 3=-12080, 4=-5=8350, 5=6-11333, 6-7=1333, 7-8=-641449, 8=-477/152, 10=11=-27520 DOT CHORD 2x2=30=090, 0.2-21=0/1208, 4=9-9=100, 12=-4660, 2=-10960, 3=-10900, 4=-5=8350, 5=6-11333, 6-7=-1333, 7-8=-641449, 8=-8-477/152, 10=11=-27520 DOT CHORD 2x3=0906, 2x2=1=50/1208, 19=20=0/1208, 18=9=4/501, 17=-18=2570, 15=16=-292/385, 14=15=-292/385, 13=14=-59/503 DOT CHORD 2x3=0000, 2=-23=0590, 19=20=0/1208, 18=9=4/501, 17=-18=2570, 15=16=-292/385, 14=15=-292/385, 13=14=-59/503 NOTES (4-7) 10 Unbalanced foor live loads have been considered for this design. 2) CAUTION, Do not erect trus backwards. 3) CAUTION, Do not erect trus backwards. 4) Graphical brack and topeint the size, type or the orientation of the brace on the member. Symbol only indicates that the member must be braced. 5) Bearing symbols are ont graphical representations of a possible bearing condition. Bearing symbols are not considered in the structural design of the trus to support the loads indicated. 6) Web bracing of Metal Plate Connected Wood Trusses for additional bracing guidelines, including diagonal bracing. 7) SEE DCSI-BS SUMMARY SHEET- PERMANENT RESTRENAINO/BRACING OF CHORDS & WEB MEMBERS FOR RECOMMENDED MINIMU						Weight. 1041	b 11 - 20 /01 , 11 /0∟
BOT CHORD 24: 45 P No.1(flat) end verticals. REACTIONS. (b/size) 24: 45 P.No.3(flat) Rigid celling directly applied or 6-0-0 oc bracing. REACTIONS. (b/size) 24: 45 P.No.3(flat) Rigid celling directly applied or 6-0-0 oc bracing. REACTIONS. (b/size) 24: 45 P.No.3(flat) Rigid celling directly applied or 6-0-0 oc bracing. FORCES. (b) - Max. Comp.Max. Ten All forces 250 (b) or less except when shown. TOP CHORD 24: 25-4680, 1-12-26-2910, 11-22-36910, 2-3-1096/0, 3-4-12080, 4-5=-835/0, 5-68-17353, 6-78-17353, 7-8-64449, 8-9-477152, 10-11-2-757/20 BOT CHORD 22: 23-0926, 21-22-01208, 20: 21-011208, 19-20-017208, 18-19=-4/501, 17-18=-857/0, 16-17=-857/0, 16-17=-852/0, 15-16=-292/385, 13-14=-59/505 WEBS 7.17=-10350, 2-21=2091020, 1-22=0-5910, 20: 11-20, 5-190/458, 5-18=-742/0, 7-18=0/754, 7-16=0/568, 8-16=-523/0, 10-13=-299/51, 11-13=-25/331 NOTES (4-7) 1) 1) Unbalanced foor live loads have been considered for this design. 2) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131* X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means. 3) CAUTION, Do not erect truss backwards. 4) 4) Graphical bracing prepresentation does not depict the size, type or the orientation of the brace on the member. Symbol only indicates that the member must be braced. 5) 5) Bearing symbo	TOP CHORD 2x4 SP N	o.1(flat)		BRACING- TOP CHORD	Structura	al wood sheathing directly applied or 6-	0-0 oc purlins, except
 REACTIONS. (Ibiaze) 24-462/0-3-6 (min. 0-1-8), 12=234/0-3-8 (min. 0-1-8), 17=1055/0-3-8 (min. 0-1-8) Max Grav 24=473(LC 3), 12=295(LC 4), 17=1055(LC 1) FORCES. (Ib) - Max. Comp./Max. Ten All forces 250 (Ib) or less except when shown. TOP CHORD 24:258-468/0, 1:258-467/0, 12:268-291/0, 11:2:269:201/0, 1:2:-466/0, 2:3=-1096/0, 3-4=-1208/0, 4-5=-835/0, 5-6=-1/33, 67=-1/33, 7:3864/48, 0; 8:-9=-4771/152, 10-11=-273/20 BOT CHORD 22:23-0/320, 21:2:2=0/1208, 20:2:1=0/1208, 18:-20=0/1208, 18:-19==4/801, 17:-18=-857/0, 16:-17=-852/0, 15:-16=-292/385, 11:41=5-292/385, 13:14=-59/058 WEBS 7:-17=-1035/0, 2:2:3=-598/0, 1:2:3=01590, 4:19=-511/0, 5:-19=-0/458, 5:-18=-742/0, 7:-18=0/754, 7:16=0/568, 8:-16=-523/0, 10:13==25/331 NOTES- (4-7) 1) Unbalanced floor live loads have been considered for this design. 2) Recommend 2x6 storogbacks, on edge, spaced at 10:0-0 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means. 3) CAUTION, Do not erect truss backwards. 4) Graphical bracing representation does not depict the size, type or the orientation of the brace on the member. Symbol only indicates that the member and. 5) Bearing symbols are only graphical representations of a possible bearing condition. Bearing symbols are not considered in the structural design of the truss backwards. 6) Web bracing shown is for lateral support of individual web members only. Refer to BCS1- Guide to Good Practice for Handling, Installing, Restraining & Bracing of Metal Plate Connected Wood Trusses for additional bracing guidelines. Including diagonal bracing. 7) SEE BCS1-35 SUMMARY SHEET- PERMANENT RESTRAING/BRACING OF CHORDS & WEB MEMBERS FOR RECOMMENDED MINIMUM MRACING REQUIREMENTS OF TOP CHORD, BOTTOM CHORD, AND WEB PLANES. IN ADDITION TO THESE MINIMUM GUIDELINES, ALWAYS OCONSULT THE PROJECT ARCHITECT OR ENGINEER FOR ADDITIONAL BRACING CO	BOT CHORD 2x4 SP N WEBS 2x4 SP N	o.1(flat) o.3(flat)		BOT CHORD	end verti Rigid cei	icals. iling directly applied or 6-0-0 oc bracing	1
 (Ibs):28) / 24462/03-56 (Inih, 0-1-36), 1/22/24/0-36 (Inih, 0-1-6), 1/21/05/03-68 (Inih, 0-1-6) (Max Grav/24-473(LC 3), 1/22295(LC 4), 1/71-1055(LC 1) FORCES. (Ib) - Max. Comp./Max. Ten All forces 250 (Ib) or less except when shown. TOP CHORD / 24-25-468/0, 1-25-467/0, 12-268-291/0, 11-26-291/0, 1-22-466/0, 2-3-1096/0, 3-4=-1208/0, 4-5=-835/0, 5-6=-1335, 6-72-1335, 7-8=-64/44, 9, 6-9-477/152, 10-11=-275/20 BOT CHORD / 22-23-0926, 21-22-01/208, 19-21=01/208, 19-20-01/208, 18-19=-4/501, 10-117=275/20 BOT CHORD / 22-23-0926, 21-22-01/208, 19-22-001/208, 18-19=-4/501, 17-18=-857/0, 16-17=-852/0, 15-16=-292/385, 13-14=-59/505 WEBS 7-17=-1035/0, 2-23=-5990, 1-23=-290/50, 4-19=-511/0, 5-19=0/458, 5-18=-742/0, 7-18=0/754, 7-16=0/568, 8-16=-523/0, 10-13=-29/51, 11-13=-25/331 NOTES- (4-7) 1) Unbalanced floor live loads have been considered for this design. 2) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131*X 3*) nails. Strongbacks to be attached to walls at their outer ends or restrained by other means. 3) CAUTION, Do not erect truss backwards. 4) Graphical bracing representation does not depict the size, type or the orientation of the brace on the member. Symbol only indicates that the membrand. 5) Bearing symbols are only graphical representations of a possible bearing condition. Bearing symbols are not considered in the structural design of the truss backwards. 6) 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. 7) SEE BCSI-S 3UMMARY SHEET- PERMANENT RESTRAIN/GRRACING OF CHORDS & WEB MERES FOR RECOMMENDED MINIMUM BRACING REQUIREMENTS OF TOP CHORD, BOTTOM CHORD, AND WEB PLANES. IN ADDITION TO THESE MINIMUM MACING REQUIREMENTS OF TOP		0.0(iidt)	40,004/0,0,0, (with 0,4,0),47,4		0)		
FORCES. (lb) - Max. Comp./Max. Ten All forces 250 (lb) or less except when shown. TOP CHORD 24-25=-468/0, 1-25=-467/0, 12-26=-291/0, 11-26=-291/0, 1-2=-466/0, 2-3=-1096/0, 3-4=-1208/0, 4-5=-835/0, 5-6=-1/35, 67=-1/35, 73=-644/48, 96-94-77/152, 10-11=-275/20 BOT CHORD 22-23=0/926, 21-22=0/1208, 19-20=0/1208, 18-19=-4/501, 17-18=-857/0, 16-17=-852/0, 15-16=-292/385, 14-15=-292/385, 13-14=-59/505 WEBS 7-17=-1035/0, 2-23=-699/0, 1-23=-0/590, 4-19=-511/0, 5-19=0/458, 5-18=-742/0, 7-18=0/754, 7-16=0/568, 8-16=-523/0, 10-13=-299/51, 11-13=-25/331 NOTES (4-7) 1) Unbalanced floor live loads have been considered for this design. 2) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 co and fastened to each truss with 3-10d (0.131* X 3*) nails. Strongbacks to be attached to walls at their outer ends or restrained by other means. 3) CAUTION, Do not erect truss backwards. 4) Graphical bracing perpresentation does not depict the size, type or the orientation of the brace on the member. Symbol only indicates that the member must be braced. 6) 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. 7) SEE BCSI-B3 SUMMARY SHEET- PERMANENT RESTRAING/BRACING OF CHORDS & WEB MEMBERS FOR RECOMMENDED DIM MIMUM BRACING REQUIREMENTS OF TOP CHORD, NAD WEB PLASE. IN ADDITION TO THESE MINIMUM GUIDELINES, ALWAYS CONSULT THE PROJECT ARCHITECT OR ENGINEER FOR ADDITIONAL BRACING CONSIDERATIONS.	Max Grav	24=462/0-3-6 (min. 0-1-8) 24=473(LC 3), 12=295(LC	4), 17=1055(LC 1)	055/0-3-8 (min. 0-1-	8)		
 TOP CHORD 24-25-48i0, 1-25-4670, 12-26-2910, 11-26-2910, 1-22-466(0, 2-33-1096(0, 3-45-835/0, 5-65-1/353, 6-75-1/353, 7-85-64/449, 8-9-477/152, 9-10-477/152, 10-11=-275/20 BOT CHORD 22-23-0/926, 21-22-0/1208, 20-21=0/1208, 19-20-0/1208, 15-19-4/501, 17-18-857/0, 16-17=-852/0, 15-16=-292/385, 14-15-292/385, 13-14-59/505 WEBS 7-175-10350, 2-23-259/0, 1-23=0/590, 4-19=-511/0, 5-19=0/458, 5-18=-742/0, 7-18=0/754, 7-16=0/568, 8-16=-523/0, 10-13=-299/51, 11-13=-25/331 NOTES- (4-7) 1) Unbalanced floor live loads have been considered for this design. 2) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means. 3) CAUTION, Do not erect truss backwards. 4) 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. 5) 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 to 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. 7) SEE BCSI-BS SUMMARY SHEET - PERMANEENT RESTRAING/BRACING OF CHORDS & WEB MEMBERS FOR RECOMMENDED MINIMUM BRACING REQUIREMENTS OF TOP CHORD, AND WEB PLANES. IN ADDITION TO THESE MINIMUM GUIDELINES, ALWAYS CONSULT THE PROJECT ARCHITECT OR ENGINEER FOR ADDITIONAL BRACING CONSIDERATIONS. LOAD CASE(\$) Standard 	FORCES. (lb) - Max. Co	omp./Max. Ten All forces	250 (lb) or less except when show	'n.			
BOT CHORD 22-23-09/26, 21-22-01/208, 20-21-01/208, 13-95-4//102, 9100-47/17.18857/0, 16-17=-852/0, 15-16=-292/385, 14-15=-292/385, 13-14=-59/505 WEBS 7-17=-1035(0, 22-35-99/0, 1-23=0/590, 4-19=-511/0, 5-19=0/458, 5-18=-742/0, 7-18=0/754, 7-16=0/568, 8-16=-523/0, 10-13=-299/51, 11-13=-25/331 NOTES- (4-7) 1) Unbalanced floor live loads have been considered for this design. 2) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131* X 3*) nails. Strongbacks to be attached to walls at their outer ends or restrained by other means. 3) CAUTION, Do not erect truss backwards. 4) 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. 5) 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 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. 7) SEE BCSI-BS SUMMARY SHEET - PERMANENT RESTRAIN/GBRACING 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	TOP CHORD 24-25=-	468/0, 1-25=-467/0, 12-26=	-291/0, 11-26=-291/0, 1-2=-466/0,	2-3=-1096/0, 3-4=-1	208/0, 4-	5=-835/0,	
 14-15292/385, 13-1459/0505 WEBS 7-17=:1035(0, 2-23=-0/590, 4-19=-511/0, 5-19=0/458, 5-18=-742/0, 7-18=0/754, 7-16=0/568, 8-16=-523/0, 10-13=-299/51, 11-13=-25/331 NOTES. (4-7) 1) Unbalanced floor live loads have been considered for this design. 2) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means. 3) CAUTION, Do not erect truss backwards. 4) 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. 5) 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. 6) 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. 7) 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 	BOT CHORD 22-23=0)/926, 21-22=0/1208, 20-21	=0/1208, 19-20=0/1208, 18-19=-4/	/501, 17-18=-857/0, ²	16-17=-85	52/0, 15-16=-292/385,	
 10-13=-299/51, 11-13=-25/331 NOTES- (4-7) 1) Unbalanced floor live loads have been considered for this design. 2) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means. 3) CAUTION, Do not erect truss backwards. 4) 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. 5) 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. 6) 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. 7) 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 	14-15=- WEBS 7-17=-1	292/385, 13-14=-59/505 035/0, 2-23=-599/0, 1-23=0	/590, 4-19=-511/0, 5-19=0/458, 5-	18=-742/0, 7-18=0/7	54, 7-16=	0/568, 8-16=-523/0,	
 NOTES- (4-7) 1) Unbalanced floor live loads have been considered for this design. 2) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means. 3) CAUTION, Do not erect truss backwards. 4) 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. 5) 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. 6) 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. 7) 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 	10-13=	-299/51, 11-13=-25/331					
 Unbalanced floor live loads have been considered for this design. Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 co and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means. CAUTION, Do not erect truss backwards. Graphical bracing presentation does not depict the size, type or the orientation of the brace on the member. Symbol only indicates that the member must be braced. 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. 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 Trussees for additional bracing guidelines, including diagonal bracing. 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 	NOTES- (4-7)						
 be attached to walls at their outer ends or restrained by other means. 3) CAUTION, Do not erect truss backwards. 4) 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. 5) 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. 6) 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. 7) SEE BCSI-BS 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 	 Unbalanced floor live Recommend 2x6 strop 	loads have been considere ngbacks, on edge, spaced a	d for this design. at 10-0-0 oc and fastened to each	truss with 3-10d (0.1	31" X 3")	nails. Strongbacks to	
 (a) 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. (b) Bearing symbols are only graphical representations of a possible bearing condition. Bearing symbols are not considered in the structural design of the trust os support the loads indicated. (c) 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. (c) 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 	be attached to walls a	t their outer ends or restrair	ed by other means.			-	
 the member must be braced. 5) 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. 6) 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. 7) 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 	4) Graphical bracing rep	resentation does not depict	the size, type or the orientation of	the brace on the me	mber. Syr	mbol only indicates that	
design of the truss to support the loads indicated. 6) 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. 7) 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	5) Bearing symbols are	braced. only graphical representatio	ns of a possible bearing condition.	. Bearing symbols are	e not cons	sidered in the structural	
 (v) Works bit and support of methods with the minors of minors of the boot of the construction of the management of the minors of the boot of the management of the minors of the minors of the boot of the minors of	design of the truss to 6) Web bracing shown is	support the loads indicated	dual web members only. Refer to F	BCSL - Guide to Good	d Practice	for Handling Installing	
(7) SEE BCSI-B3 SUMMARY SHELT-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 LOAD CASE(S) Standard	Restraining & Bracing	of Metal Plate Connected	Nood Trusses for additional bracin	ng guidelines, includi	ng diagor	hal bracing.	(a)
GUIDELINES, ALWAYS CONSULT THE PROJECT ARCHITECT OR ENGINEER FOR ADDITIONAL BRACING CONSIDERATIONS.	MINIMUM BRACING	REQUIREMENTS OF TOP	CHORD, BOTTOM CHORD, AND	ORDO & WEB MEME WEB PLANES. IN		N TO THESE MINIMUM	Routh
LOAD CASE(S) Standard	GUIDELINES, ALWA	YS CONSULT THE PROJE	CT ARCHITECT OR ENGINEER I	FOR ADDITIONAL B	RACING	CONSIDERATIONS.	PAN A SIL
SEAL 28147	LOAD CASE(S) Standar	ď				In all all all all all all all all all al	St
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A MORE A MORE AND A MO						2014	
APA & MORELINE						A ANOINE	ER & M
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						All high and	inthe.



Job	Truss	Truss Type	Qty	Ply LOT 0.0	0009 CAMPBELL RID	GE ANGIER, NC	
24-7828-F02	F11	Floor	3	1 Job Re	eference (optional)		# 52307
			Run: 8.430 s Feb 1 ID:C6coucD2IwHaz	2 2021 Print: 8.630 Z3sGy11mE3yow	s Jul 12 2024 MiTek Ir b3-SJz6fDo3HwVS	dustries, Inc. Tue Sep 6dROOyevTgkBbve	17 10:47:51 2024 Page 1 Ybm2Ap8vWDFycmDc
0-1-8							
H ⊢1-3-0		<u> 0</u>	-10-0 2-0-0				0-1-8 Scale = 1:33 1
							00010 - 1.00.1
4x4 =							4x4 =
1.5x3 =	4x4 = 1.5x3 3x4	= 3x8 FP $=$ 3x4 $=$	3x4 = 3x	x4 =	3x4 =	3x4 =	1.5x3 =
1			، أ أنكا	T2	- Les -		ा हिन्दु
9 ²⁴ 5 ²⁴ 8 ⁴			W3				
		B1 B1	•			B2	
23 22	21	20 19	18 17	7 16	15 14	13	12
3x4 4x6 =	3x8 =	3x4 = 3x4	= 1.5x3 1.5x	x3 3x4 = 3	3x8 MT20HS FP=	4x6	i = 3x4 ∣∣
					3x4 =	=	
	<u> </u>		<u>+ 11-1-0 + 12-1-0</u> 1-0-0 1-0-0		<u> </u>	8	
Plate Offsets (X,Y) [1:1	Edge,0-1-8], [7:0-1-8,Edge],	[8:0-1-8,Edge], [11:0-1-8,Edge	e], [23:Edge,0-1-8]				
LOADING (psf)	SPACING- 1-7-3	CSI.	DEFL. in	(loc) l/defl	L/d	PLATES G	
TCDL 10.0	Lumber DOL 1.00	BC 0.76	Vert(CT) -0.50	18 >648 18-19 >471	360	MT20 2 MT20HS 1	.87/143
BCLL 0.0 BCDI 5.0	Rep Stress Incr YES Code IRC2021/TPI2014	WB 0.59 Matrix-SH	Horz(CT) 0.07	12 n/a	n/a	Weight [,] 100 lb	FT = 20%F 11%F
TOP CHORD 2x4 SP N	o.1(flat)		TOP CHORD	Structural wood	d sheathing direct	ly applied or 6-0-0	oc purlins, except
BOT CHORD 2x4 SP S B2: 2x4 S	S(flat) *Except* P No 1(flat)		BOT CHORD	end verticals. Rigid ceiling di	rectly applied or 1	0-0-0 oc bracing	
WEBS 2x4 SP N	o.3(flat)		BOTOHORB	r tigita connig ai		e e e e sidenig.	
REACTIONS. (lb/size)	23=862/0-3-8 (min. 0-1-8),	12=862/0-3-0 (min. 0-1-8)					
FORCES (lb) - Max Co	omp /Max Ten - All forces 2	50 (lb) or less except when she	own				
TOP CHORD 23-24=-	857/0, 1-24=-856/0, 12-25=-	857/0, 11-25=-855/0, 1-2=-102	2/0, 2-3=-2609/0,				
3-4=-26 9-10=-2	09/0, 4-5=-3586/0, 5-6=-358 566/0, 10-11=-1025/0	6/0, 6-7=-4028/0, 7-8=-4009/0,	, 8-9=-3550/0,				
BOT CHORD 21-22=0	/1928, 20-21=0/3215, 19-20 //3163_14_15=0/3163_13_14	=0/3940, 18-19=0/4009, 17-18 =0/1935	=0/4009, 16-17=0/4009	9,			
WEBS 7-18=-2	86/122, 1-22=0/1240, 2-22=-	-0/1333 -1179/0, 2-21=0/870, 4-21=-77	4/0, 4-20=0/483,				
6-20=-4 10-14=0	60/0, 6-19=-61/322, 7-19=-3 /821, 10-13=-1185/0, 11-13=	45/309, 8-16=-750/0, 9-16=0/5 =0/1243	57, 9-14=-777/0,				
NOTES_ (4.7)	,,						
1) Unbalanced floor live	loads have been considered	for this design.					
 All plates are MT20 pl Recommend 2x6 strop 	ates unless otherwise indica nobacks, on edge_spaced at	ted. t 10-0-0_oc and fastened to ea	ch truss with 3-10d (0 1	131" X 3") nails	Strongbacks to		
be attached to walls a	t their outer ends or restraine	ed by other means.					

4) 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.

5) 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.

6) Web bracing shown is for lateral support of individual web members only. Refer to BCSI - Guide to Good Practice for Handling, Installing,

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 AD CASE(S) Standard 7) SEE BCSI-B3 SUMMARY SHEET- PERMANENT RESTRAING/BRACING OF CHORDS & WEB MEMBERS FOR RECOMMENDED

LOAD CASE(S) Standard

2024 Tk -Humannumment 28147 NOINEE K. MORR 9/16/2024



 	4-2-8 4-2-8	5-2-8 6-2-8 1-0-0 1-0-0	<u>14-1-0</u> 7-10-8	
Plate Offsets (X,Y)	[4:0-1-8,Edge], [7:0-1-8,Edge], [13:	0-1-8,Edge], [15:Edge,0-1-8	8]	
LOADING (psf) TCLL 40.0 TCDL 10.0 BCLL 0.0 BCDL 5.0	SPACING- 1-7-3 Plate Grip DOL 1.00 Lumber DOL 1.00 Rep Stress Incr YES Code IRC2021/TPI2014	CSI. TC 0.63 BC 0.88 WB 0.39 Matrix-SH	DEFL. in (loc) l/defl L/d Vert(LL) -0.18 11-12 >918 480 Vert(CT) -0.24 11-12 >679 360 Horz(CT) 0.03 8 n/a n/a	PLATES GRIP MT20 244/190 Weight: 70 lb FT = 20%F, 11%E
LUMBER- TOP CHORD 2x4 SF BOT CHORD 2x4 SF WEBS 2x4 SF	P No.1(flat) P No.1(flat) P No.3(flat)		BRACING- TOP CHORD Structural wood sheathing of end verticals. BOT CHORD Rigid ceiling directly applied	lirectly applied or 6-0-0 oc purlins, except d or 10-0-0 oc bracing.

REACTIONS. (lb/size) 15=608/Mechanical, 8=603/0-3-0 (min. 0-1-8)

FORCES. (Ib) - Max. Comp./Max. Ten. - All forces 250 (Ib) or less except when shown.

TOP CHORD 1-15=-584/0, 8-16=-600/0, 7-16=-599/0, 1-2=-647/0, 2-3=-1848/0, 3-4=-1848/0, 4-5=-1966/0, 5-6=-1613/0,

6-7=-684/0

BOT CHORD 13-14=0/1288, 12-13=0/1848, 11-12=0/1848, 10-11=0/1937, 9-10=0/1278

WEBS 3-13=-291/0, 1-14=0/812, 2-14=-834/0, 2-13=0/782, 4-11=-129/255, 5-10=-423/0, 6-10=0/436, 6-9=-772/0, 7-9=0/828

NOTES- (5)

1) Unbalanced floor live loads have been considered for this design.

2) Refer to girder(s) for truss to truss connections.

3) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to

be attached to walls at their outer ends or restrained by other means.

4) CAUTION, Do not erect truss backwards.

LOAD CASE(S) Standard



