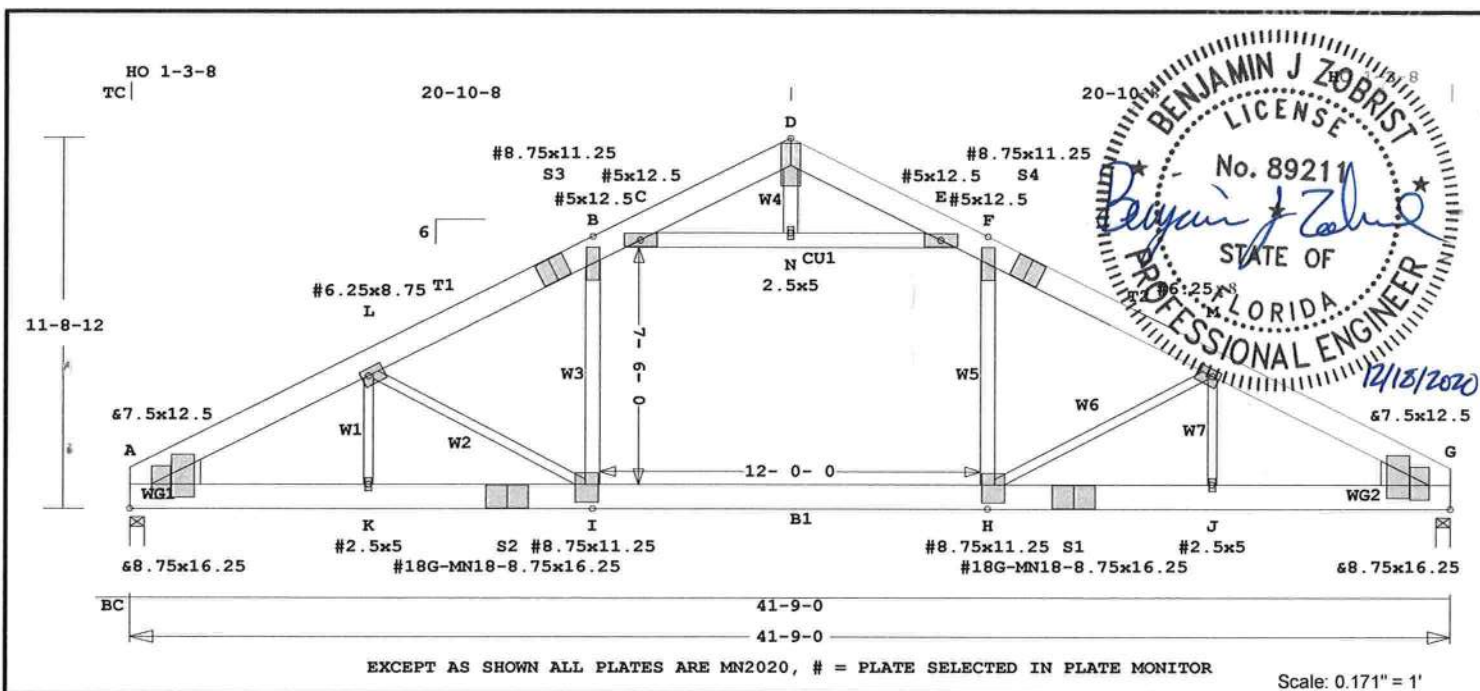


Job 111026924	Mark 4392850004109(2)	Quan 1*2P	Type ATI2	Span 410900	P1-H1 6	Left OH 0	Right OH 0	Engineering 73
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Online Plus -- Version 30.0.069
 RUN DATE: 14-DEC-20

 * 2-Ply Truss *

Southern Pine lumber design
 values are those effective
 06-01-13 by SPIB//ALSC UON
 CSI -Size- ---Lumber---
 TC 0.21 2x10 SP-2400f-2.0E
 BC 0.65 2x10 SP-2400f-2.0E
 WB 0.22 2x 6 SP-#1
 -- 0.09 2x 4 SP-#1
 K -L L -I H -M J -M
 ACT 0.88 2x 6 SP-#1
 AWT 0.00 2x 6 SP-#1
 WG --- 2x10 SP-#1

Brace truss as follows:
 O.C. From To
 TC 24.0" 0- 0- 0 41- 9- 0
 BC 90.0" 0- 0- 0 41- 9- 0
 Cont. Attic Chords (Top)
 or 60.0" Attic Chords (Top)

psf-Ld Dead Live
 TC 7.0 16.0
 BC 2.0 0.0
 TC+BC 9.0 16.0
 Total 25.0 Spacing 96.0"
 Lumber Duration Factor 1.15
 Plate Duration Factor 1.15
 Fb Fc Ft Emin
 TC 1.00 1.00 1.00 1.00
 BC 1.00 1.00 1.00 1.00

Total Load Reactions (Lbs)
 Jt Down Uplift Horiz-
 A 6575
 G 6575

Jt Brg Size Required
 A 5.5" 5.5"
 G 5.5" 5.5"

LC# 1 Attic Loading
 Dur Fctrs - Lbr 1.00 Plt 1.00
 plf - Dead Live* From To
 TC V 56 128 0.0' 41.8'
 BC V 16 0 0.0' 41.8'

MiTek® Online Plus™ APPROX. TRUSS WEIGHT: 552.0 LBS

TC V	0	0	14.9'	15.7'
TC V	0	0	26.1'	26.9'
BC V	80	320	14.9'	26.9'

LC# 2 Dead Load Check
 Dur Fctrs - Lbr 0.90 Plt 0.90
 plf - Dead Live* From To
 TC V 56 0 0.0' 41.8'
 BC V 16 0 0.0' 41.8'
 TC V 0 0 14.9' 15.7'
 TC V 0 0 26.1' 26.9'
 BC V 80 0 14.9' 26.9'

LC# 3 Attic 2 Loading
 Dur Fctrs - Lbr 1.00 Plt 1.00
 plf - Dead Live* From To
 TC V 56 0 0.0' 41.8'
 BC V 16 0 0.0' 41.8'
 TC V 0 0 14.9' 15.7'
 TC V 0 0 26.1' 26.9'
 BC V 80 320 14.9' 26.9'

Membr CSI P Lbs Axl-Csi-Bnd
 -----Top Chords-----
 A -L 0.14 10955 C 0.04 0.10
 L -S3 0.21 11122 C 0.04 0.17
 S3-B 0.21 10830 C 0.04 0.17
 B -C 0.15 9288 C 0.02 0.13
 C -D 0.13 773 C 0.00 0.13
 D -E 0.13 773 C 0.00 0.13
 E -F 0.15 9288 C 0.02 0.13
 F -S4 0.21 10830 C 0.04 0.17
 S4-M 0.21 11122 C 0.04 0.17
 M -G 0.14 10955 C 0.04 0.10

-----Bottom Chords-----
 A -K 0.35 9724 T 0.18 0.17
 K -S2 0.44 9724 T 0.18 0.26
 S2-I 0.52 9724 T 0.18 0.34
 I -H 0.65 9840 T 0.18 0.47
 H -S1 0.52 9724 T 0.18 0.34
 S1-J 0.44 9724 T 0.18 0.26
 J -G 0.35 9724 T 0.18 0.17

-----Webs-----
 K -L 0.09 1243 C
 L -I 0.07 756 T
 I -B 0.22 3272 T
 H -F 0.22 3272 T
 H -M 0.07 756 T
 J -M 0.09 1243 C
 -----Attic Chords (Top)-----
 C -N 0.88 9253 C 0.79 0.09

N -E	0.88	9253 C	0.79	0.09
-----Attic Webs (Top)-----				
N -D	0.00	56 T		

TL Defl -0.50" in I -H L/980
 LL Defl -0.35" in I -H L/999
 Shear // Grain in A -A 1.00

Plates for each ply each face.
 Plate - MN20 20 Ga, Gross Area
 Plate - MN18 18 Ga, Gross Area
 Jt Type Plt Size X Y JSI
 L MN20 6.2x 8.8 Ctr Ctr 0.17
 S3 MN20 8.8x11.2 Ctr Ctr 0.59
 B# MN20 5.0x12.5 Ctr Ctr 0.33
 C# MN20 5.0x12.5 Ctr Ctr 0.97
 D# MN18 7.5x16.2 Ctr Ctr 0.33
 E# MN20 5.0x12.5 Ctr Ctr 0.87
 F# MN20 5.0x12.5 Ctr Ctr 0.33
 S4#MN20 8.8x11.2 Ctr Ctr 0.35
 M# MN20 6.2x 8.8 Ctr Ctr 0.17
 K# MN20 2.5x 5.0 Ctr Ctr 0.31
 S2#MN18 8.8x16.2 Ctr Ctr 0.36
 I MN20 8.8x11.2 Ctr Ctr 0.44
 H MN20 8.8x11.2 Ctr Ctr 0.44
 S1#MN18 8.8x16.2 Ctr Ctr 0.66
 J# MN20 2.5x 5.0 Ctr Ctr 0.32
 N# MN20 2.5x 5.0 Ctr Ctr 0.19

= Plate Monitor used
 Placement Tolerance Used 0.10 in.

REFER TO ONLINE PLUS GENERAL
 NOTES AND SYMBOLS SHEET FOR
 ADDITIONAL SPECIFICATIONS.

NOTES:
 Trusses Manufactured by:
 Morton Buildings, Inc.
 Analysis Conforms To:
 TPI 2007

