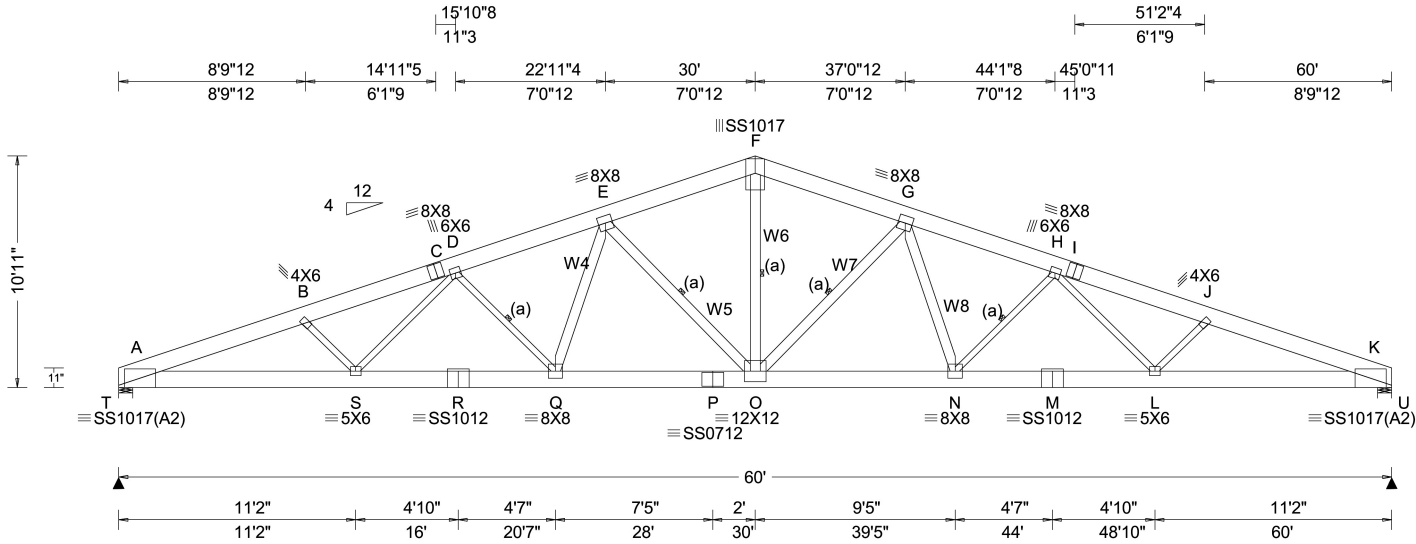


24" Boxed Soffit & Fascia Overhangs on 4 Sides



Loading Criteria (psf)

TCCL:	35.00
TCDL:	4.00
BCLL:	0.00
BCDL:	7.00
Des Ld:	46.00
NCBCLL:	10.00
Soffit:	0.00
Load Duration:	1.15
Spacing:	72.0 "

Wind Criteria

Wind Std: ASCE 7-16
 Speed: 115 mph
 Enclosure: Closed
 Risk Category: II
 EXP: C Kzt: NA
 Mean Height: 15.00 ft
 TCCL: 2.4 psf
 BCDL: 4.2 psf
 MWFRS Parallel Dist: h/2 to h
 C&C Dist a: 6.00 ft
 Loc. from endwall: Any
 GCpi: 0.18
 Wind Duration: 1.60

Snow Criteria (Pg,Pf in PSF)

Pg: 35.0 Ct: 1.0 CAT: II
 Pf: 24.5 Ce: 1.0
 Lu: - Cs: 1.00
 Snow Duration: 1.15

Building Code:
 IRC 2018
 TPI Std: 2014
 Rep Fac: No
 FT/RT:16(0)/10(0)
 Plate Type(s):
 18SS, WAVE

Defl/CSI Criteria

PP Deflection in loc L/defl L/#
 VERT(LL): 1.097 O 652 240
 VERT(CL): 1.449 O 494 180
 HORZ(LL): 0.332 L - -
 HORZ(TL): 0.438 L - -
 Creep Factor: 2.0
 Max TC CSI: 0.974
 Max BC CSI: 0.964
 Max Web CSI: 0.922

VIEW Ver: 20.01.00.0324.19

▲ Maximum Reactions (lbs)

Loc	Gravity			Non-Gravity		
	R+	/R-	/Rh	/Rw	/U	/RL
T	8319	-	-	/2360	/1272	/526
U	8319	-	-	/2360	/1272	-

Wind reactions based on MWFRS
 T Brg Width = 8.0 Min Req = 6.9
 U Brg Width = 8.0 Min Req = 6.9
 Bearings T & K are a rigid surface.
 Members not listed have forces less than 375#

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.Comp.	Chords	Tens. Comp.
A - B	5509 - 20865	F - G	4059 - 13273
B - C	5295 - 19911	G - H	4769 - 16990
C - D	5299 - 19446	H - I	5299 - 19446
D - E	4767 - 16990	I - J	5295 - 19911
E - F	4060 - 13273	J - K	5509 - 20865

Lumber

Top chord: 2x10 SP 2400F-2.0E;
 Bot chord: 2x10 SP 2400F-2.0E;
 Webs: 2x4 SPF Stud; W4,W5,W6,W7,
 W8 2x6 SPF 1650F-1.5E;

Additional Notes

WARNING: Furnish a copy of this DWG to the installation contractor. Special care must be taken during handling, shipping and installation of trusses. See "WARNING" note below.

Bracing

(a) Continuous lateral restraint, equally spaced on member.

Purlins

In lieu of structural panels or rigid ceiling use purlins to laterally brace chords as follows:

Chord	Spacing(in oc)	Start(ft)	End(ft)
TC	24	0.00	30.00
TC	120	30.00	60.00
BC	88	0.15	59.85

Apply purlins to any chords above or below fillers at 24" OC unless shown otherwise above.

Loading

Bottom chord checked for 10.00 psf non-concurrent live load.
 Truss designed for unbalanced snow loads.

Wind

Wind loads based on MWFRS with additional C&C member design.
 Wind loading based on both gable and hip roof types.

I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision and that I am a duly Licensed Professional Engineer under The Laws of the State of Minnesota.

Bradley E. Morris
 BRADLEY E. MORRIS

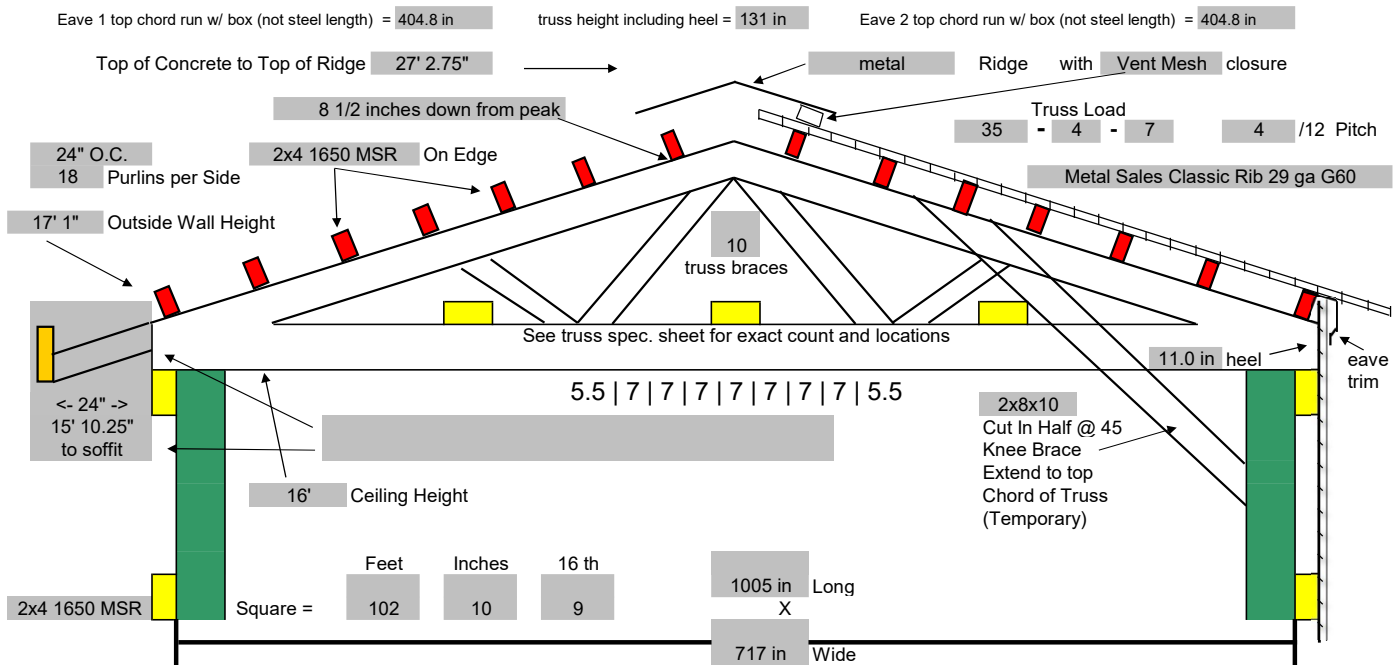
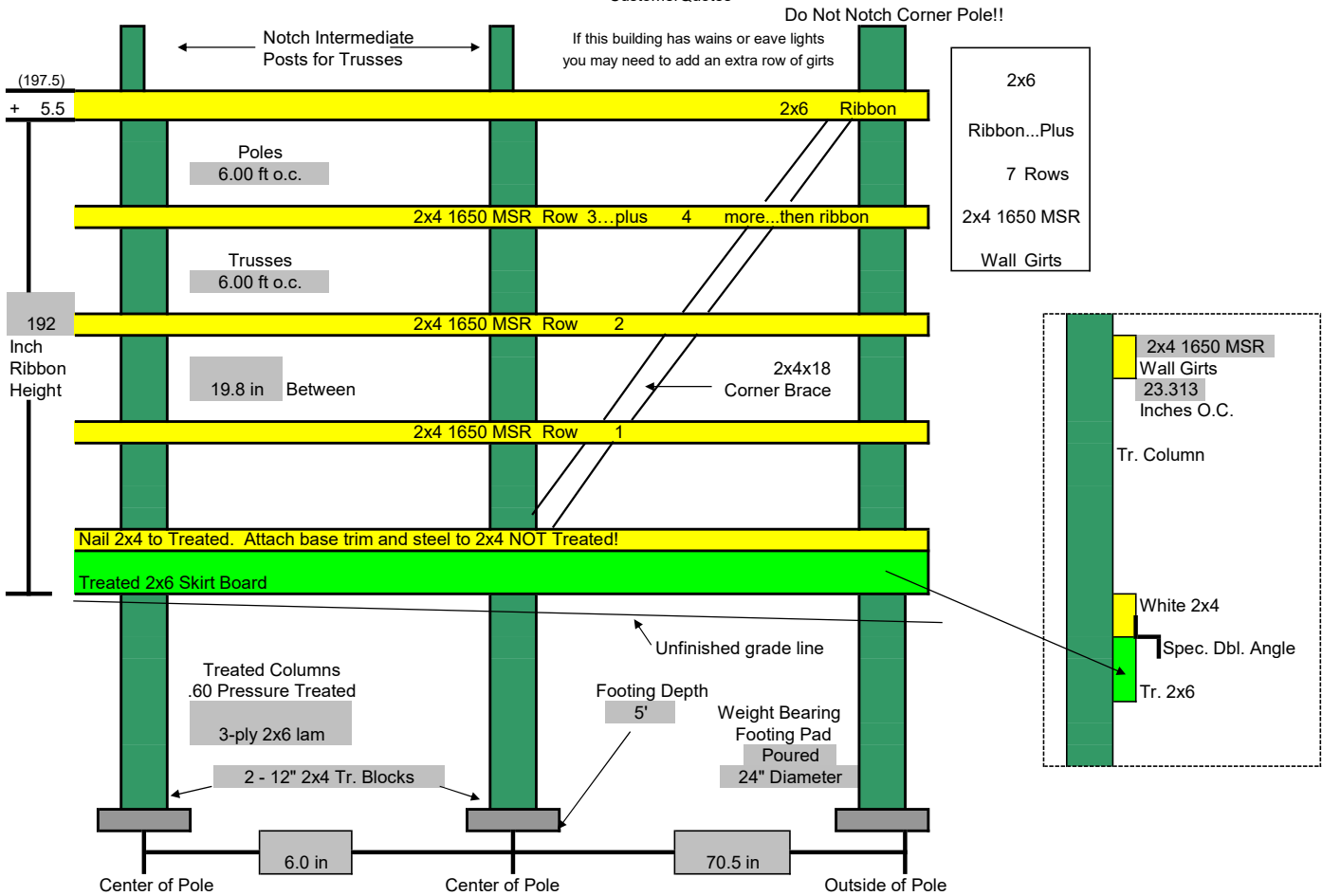
Date _____ License No. 41772

02/23/2021

****WARNING** READ AND FOLLOW ALL NOTES ON THIS DRAWING!**
****IMPORTANT** FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE INSTALLERS**
 Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the latest edition of BCSI (Building Component Safety Information, by TPI and SBCA) for safety practices prior to performing these functions. Installers shall provide temporary bracing per BCSI. Unless noted otherwise, top chord shall have properly attached structural sheathing and bottom chord shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraint of webs shall have bracing installed per BCSI sections B3, B7, or B10, as applicable. Apply plates to each face of truss and position as shown above and on the Joint Details, unless noted otherwise. Refer to drawings 160A-Z for standard plate positions. Refer to job's General Notes page for additional information.
 Alpine, a division of ITW Building Components Group Inc. shall not be responsible for any deviation from this drawing, any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installation and bracing of trusses. A seal on this drawing or cover page listing this drawing, indicates acceptance of professional engineering responsibility solely for the design shown. The suitability and use of this drawing for any structure is the responsibility of the Building Designer per ANSI/TPI 1 Sec.2.
 For more information see these web sites: Alpine: alpineitw.com; TPI: tpinst.org; SBCA: sbcinustry.com; ICC: iccsafe.org; AWC: awc.org



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Building Design And Prices Are Subject To Local Building Codes

