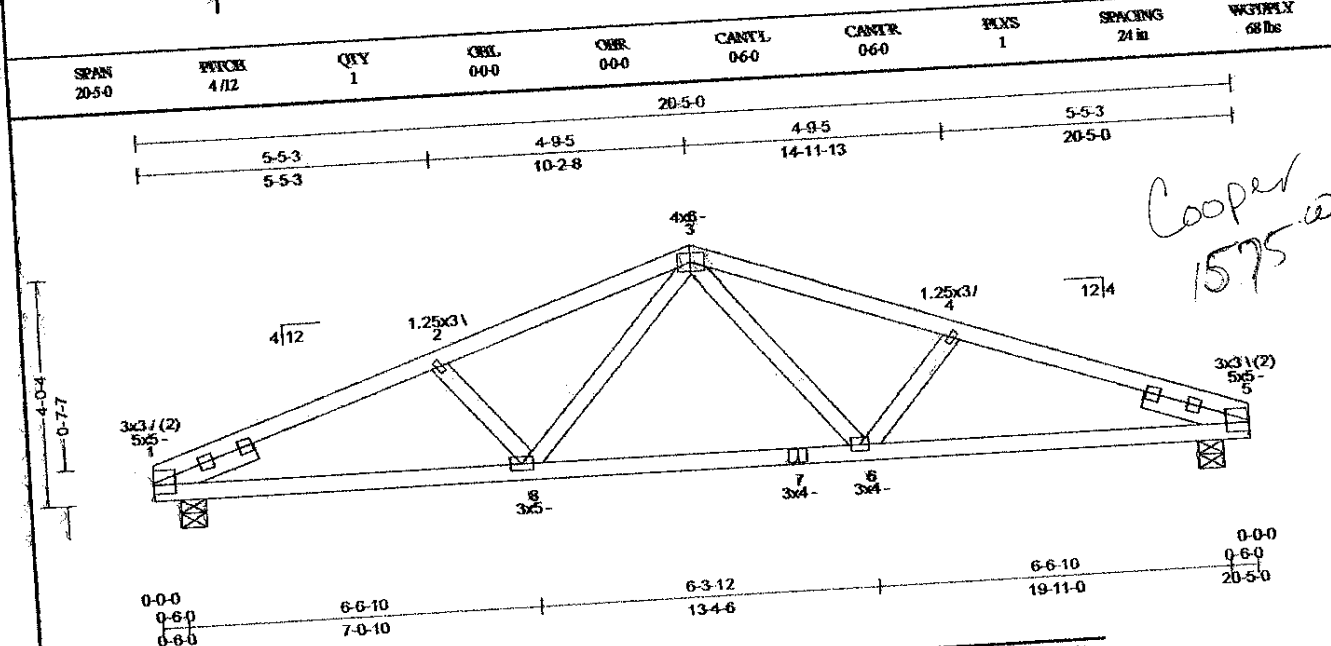


Truss Worthy
217 Lincoln Road
Hodgdon, ME 04730
ph (207) 532-3200

Truss: T06-ASMART
Job Name: T06-ASMART
Date: 09/18/17 16:26:27
Page: 1 of 1
Notes: All connector plates to be Eagle
20 gauge unless otherwise noted



All plates shown to be Eagle 20 unless otherwise noted

Loading (psf)	General	CSI	Deflection	L/F	(loc)	Allowed
GSL: 60	Edg Code: IBC 2009/ TPI 1-2007	TC: 0.52 (2-3) BC: 0.68 (5-6) Web: 0.17 (3-8)	Vert TL: 0.25 in Vert LL: 0.09 in UP Horz TL: 0.07 in	L / 904 L / 999	(7-8) (7-8) 5	L / 240 L / 360

Reaction	JT	By Combo	By Width	Rd By Width	Max React	Max Grw Uplift	Max MWFRS Uplift	Max C&C Uplift	Max Uplift	Max Horz
1	1	5.5 in	1.89 in	1.205 lbs	-64 lbs	-64 lbs	-153 lbs	-153 lbs	-153 lbs	-19 lbs
5	1	5.5 in	1.89 in	1.205 lbs						

Bracing
TC: Sheathed or Purlins at 3-5-0, Purlin design by Others.
BC: Sheathed or Purlins at 10-8-0, Purlin design by Others.

Material

TC: SPF #2 2 x 4
BC: SPF #2 2 x 4
Web: SPF #2 2 x 4

Loads

1) This truss has been designed for the effects of balanced (2 psf) and unbalanced sloped roof snow loads in accordance with ASCE 7 -05 with the following user defined input: 60 psf GSL, Terrain C, Exposure (Ce = 1.0), Building Category II (I = 1.00), Thermal (Ct = 1.00), DOL = 1.15. Unobstructed slippery surface. If the roof configuration differs from hip/gable, Building Designer shall verify snow loads.

2) This truss has been designed for the effects of wind loads in accordance with ASCE 7 -05 with the following user defined input: 90 mph, Exposure C, Endored, Gable/Hip, Building Category II (I = 1.00), h = B = 15 ft, End Zone Truss, Both end webs considered. DOL = 1.60.

3) This truss has been designed for the effects of a 20 psf live load computed in accordance with IBC 2009 assuming slope = 4/12 and area supported = 40.83 ft², DOL = 115%.

4) Minimum storage attic loading has been applied in accordance with IBC 1607.1

Member Forces	TC	BC	Web	Additional Member ID's as per CSI, user defined (in summary form) (in summary form) (in summary form)	2-3	3-4	4-5	5-6	6-7	7-8
TC	1.2	0.830	-2.029 lbs		2.3	0.524	-2.045 lbs	3.4	0.518	-2.072 lbs
BC	5.0	0.673	2.893 lbs	(242 lbs)	0.3	0.114	1.699 lbs	(130 lbs)	0.672	2.297 lbs
Web	1.2	0.832	-3.03 lbs		3.3	0.168	0.82 lbs	(41 lbs)	3.6	0.168

Notes

- 1) Unless noted otherwise, do not cut or alter any truss member or plate without prior approval from a Professional Engineer.
- 2) When this truss has been chosen for quality assurance inspection, the Double Polygon Method per TPI 1-2007/Chapter 3 shall be used.
- 3) The fabrication tolerance for this roof truss is 10% (C₁ = 0.90).
- 4) Brace bottom chord with approved sheathing or purlins per Bracing Summary.
- 5) Listed wind uplift reactions based on MWFRS & C&C loading.

ALL PERSONS FABRICATING, HANDLING, ERECTING OR INSTALLING ANY TRUSS BASED UPON THIS TRUSS DESIGN DRAWING ARE INSTRUCTED TO REFER TO ALL OF THE INSTRUCTIONS, LIMITATIONS AND QUALIFICATIONS SET FORTH IN THE EAGLE METAL PRODUCTS DESIGN NOTES ISSUED WITH THIS DESIGN AND AVAILABLE FROM EAGLE UPON REQUEST DESIGN VALID ONLY WHEN EAGLE METAL CONNECTORS ARE USED.

TruBuild Software v5.5.2.242
Eagle Metal Products
Date: 09/18/17