

BILL OF MATERIALS

MARK	DESCRIPTION		LENGTH	NUMBER REQUIRED	MATERIAL
A1	TOP CHORD	L 1-1/2x1-1/2x 1/8	11'-7 3/4"	1	A36
A2	BOTTOM CHORD	L 1-1/2x1-1/2x 1/8	11' 2"	1	A36
A3	BASE	L 1-1/2x1-1/2x 1/8	0'-5-1/2"	1	A36
A4	VERTICAL END	L 1-1/2x1-1/2x 1/8	1'- 5 1/4"	2	A36
W1	WEB	L 1-1/4x1-1/4x1/8	1'- 5 1/4"	1	A36
W2	WEB	L 1-1/4x1-1/4x1/8	1' 7"	10	A36

DESIGN LOADS

(APPLIED PER INTERNATIONAL BUILDING CODE (IBC) 2009 UNLESS NOTED)

WIND SPEED = 90 MPH (IBC - 2009 AND ASCE 7-05)

WIND SPEED = 105 MPH (IBC - 2012 or 2015 AND ASCE 7-10)

GROUND SNOW LOAD = 10 PSF

12' TRUSS SPACING = DEAD LOAD = 4 PSF ROOF LIVE LOAD = 20.0 PSF

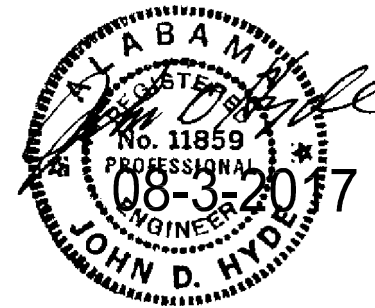
10' TRUSS SPACING = DEAD LOAD = 8 PSF ROOF LIVE LOAD = 20.0 PSF

8' TRUSS SPACING = DEAD LOAD = 12 PSF ROOF LIVE LOAD = 20.0 PSF

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NOTES:

- PURLINS TO BE MINIMUM #2 SYP 2x6 SPACED AT 2'-0" O.C.
- INCREASE IN ALLOWABLE STRESS FOR WIND LOADING HAS BEEN USED.
- TRUSS WEB MEMBER CONFIGURATION MAY VARY. ADJUST MEMBER LENGTHS ACCORDINGLY. MAXIMUM PANEL DISTANCE = 2'-0".
- THIS TRUSS DESIGN MAY BE USED FOR SHORTER SPANS, ADJUST MEMBER LENGTHS ACCORDINGLY.
- THIS TRUSS DESIGN MAY BE USED FOR ALL ROOF SLOPES UP TO 5:12, ADJUST MEMBER LENGTHS ACCORDINGLY.
- CONTRACTOR RESPONSIBLE FOR TEMPORARY CONSTRUCTION & PERMANENT BRACING.
- FABRICATION AND WELDING PER AISC AND AWS.
- DESIGN IS FOR TRUSS ONLY.
- FABRICATOR SHALL VERIFY DIMENSIONS BEFORE FABRICATING TRUSS.



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SCALE AS NOTED	DATE 08-3-2017	DRAWN BY J. HYDE	DRAWN NO. 17-0803-14LT
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14' ROOF TRUSS

SHEET NO.
1 OF 1