



### BILL OF MATERIALS

MARK	DESCRIPTION		LENGTH	NUMBER REQUIRED	MATERIAL
A1	TOP CHORD	LL 2 x 2 x 3/16	34'- 0 1/4"	1	A36
A2	BOTTOM CHORD	LL 2 x 2 x 3/16	33'- 0 1/4"	1	A36
A3	BASE	L 2 x 2 x 3/16	0'- 5 1/2"	2	A36
A4	VERTICAL END	L 2 x 2 x 3/16	1'- 4 3/4"	2	A36
W1	WEB	L 1.5x1.5x .125	1'- 6 1/2"	2	A36
W2	WEB	L 1.5x1.5x .125	1'- 7 1/4"	31	A36

NOTE: IF TRUSS DEPTH IS INCREASED TO 2'-0", DOUBLE LL1.5x1.5x3/16 CHORDS MAY BE USED WITH MEMBER LENGTHS ADJUSTED ACCORDINGLY. (LOAD CAPACITIES WOULD REMAIN THE SAME AS SHOWN)

### 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	DATE	DRAWN BY	DRAWN NO.
AS NOTED	06-13-2017	J. HYDE	17-0613-34LT
34' ROOF TRUSS			SHEET NO. 1 OF 1