

**BILL OF MATERIALS**

MARK	DESCRIPTION	LENGTH	NUMBER REQUIRED	MATERIAL
A1	TOP CHORD	L 2 x 2 x 3/16	22'- 1"	A36
A2	BOTTOM CHORD	L 2 x 2 x 3/16	21'-6 3/4"	A36
A3	VERTICAL END	L 2 x 2 x 3/16	1'-5 1/2"	A36
A5	TIE	L 1 1/2 x 1 1/2 x 1/8	1'-8"	A36
A6	TIE	L 1 1/2 x 1 1/2 x 1/8	21'-0"	A36
W1	WEB	L 1 1/2 x 1 1/2 x 1/8	1'-7 3/8"	A36
W2	WEB	L 1 1/2 x 1 1/2 x 1/8	1'-5 1/4"	A36
W3	WEB	L 1 1/2 x 1 1/2 x 1/8	1'-9 7/8"	A36
B1	BASE	L 2 x 2 x 3/16	5 1/2"	A36

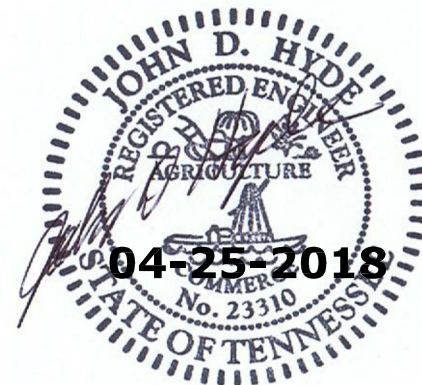
**TRUSS DETAIL**

**DESIGN LOAD NOTES:**  
 FOR TRUSS SPACING = 12' ALLOWABLE DEAD LOAD = 6 PSF  
 FOR TRUSS SPACING = 10' ALLOWABLE DEAD LOAD = 8 PSF  
 FOR TRUSS SPACING = 8' ALLOWABLE DEAD LOAD = 10 PSF

WIND LOAD = 90 MPH (INTERNATIONAL BUILDING CODE 2009)

- DESIGN CRITERIA - 2015 IBC**
- DESIGN LOADS PER ASCE 7-10
  - REQUIREMENT FOR STEEL - ASTM A-36
  - ROOF LIVE LOAD = 20 PSF  
DEAD LOAD = SEE DESIGN LOAD NOTES
  - DESIGN WIND SPEED = 115 MPH
  - WIND RISK CATEGORY II
  - WIND EXPOSURE CATEGORY B
  - BUILDING CATEGORY II
  - GROUND SNOW LOAD = 15 PSF
  - IMPORTANCE FACTOR 1.0
  - ROOF UNHEATED - NOT SLIPPERY

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- NOTES:**
- PURLINS TO BE MINIMUM 2x6 #2 SYP (SPACED MAXIMUM 2'-0" O.C.).
  - FABRICATOR TO VERIFY DIMENSIONS BEFORE FABRICATION.
  - CONTRACTOR RESPONSIBLE FOR TEMPORARY CONSTRUCTION & PERMANENT BRACING.
  - ALL WELDS AND WELDING PER AWS.
  - STRUCTURAL STEEL AND FABRICATION PER AISC.
  - FASTENERS INSTALLED WITH TREATED WOOD MUST BE MANUFACTURER RECOMMENDED FOR USE WITH THE ASSOCIATED WOOD TREATMENT.
  - DESIGN IS FOR TRUSS ONLY, SUPPORT WALLS AND/OR POSTS ARE NOT A PART OF THIS DESIGN.

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<b>AGCOR STEEL, LLC.</b>			
<b>42' GABLE TRUSS</b>			
SCALE AS NOTED	DATE 04-25-2018	DRAWN BY J. HYDE	DRAWING NO. 18-0425 - 42
<b>TRUSS DETAIL</b>			SHEET NO. 1 OF 1