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---THIS DESIGN MAY ALSO BE USED FOR TRUSS LENGTHS SHORTER THAN 20 FEET.

**BILL OF MATERIALS**

MARK	DESCRIPTION	LENGTH	NUMBER REQUIRED	MATERIAL
A1	TOP CHORD	L 1 1/2 x 1 1/2 x 1/8	10'-6 1/2"	2 A36
A2	BOTTOM CHORD	L 1 1/2 x 1 1/2 x 1/8	10'-0 5/8"	2 A36
A3	VERTICAL END	L 1 1/2 x 1 1/2 x 1/8	1'-6"	4 A36
A4	TIE	L 1 1/4 x 1 1/4 x 1/8	2'-0"	2 A36
A5	TIE	L 1 1/4 x 1 1/4 x 1/8	8'- 8"	1 A36
W1	WEB	L 1 1/4 x 1 1/4 x 1/8	1'-8 1/8"	18 A36
W2	WEB	L 1 1/4 x 1 1/4 x 1/8	1'-10 1/4"	2 A36
B1	BASE	L 1 1/2 x 1 1/2 x 1/8	5 1/2"	2 A36

**DESIGN LOAD NOTES:**

TRUSS SPACING = 12' ALLOWABLE DEAD LOAD = 12 PSF  
 TRUSS SPACING = 10' ALLOWABLE DEAD LOAD = 18 PSF  
 TRUSS SPACING = 8' ALLOWABLE DEAD LOAD = 22 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 LOADS
- DESIGN WIND SPEED = 115 MPH
- WIND RISK CATEGORY II
- WIND EXPOSURE CATEGORY B
- BUILDING CATEGORY II
- GROUND SNOW LOAD = 10 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.).
- CONTRACTOR RESPONSIBLE FOR TEMPORARY CONSTRUCTION BRACING.
- FABRICATOR TO VERIFY DIMENSIONS BEFORE FABRICATION.
- THIS DESIGN IS FOR TRUSS FABRICATION ONLY.
- ALL WELDS AND WELDING PER AWS.
- STRUCTURAL STEEL AND FABRICATION PER AISC.
- MEMBER DIMENSIONS ARE TO BE ADJUSTED FOR SHORTER TRUSS LENGTHS.
- FASTENERS INSTALLED WITH TREATED WOOD MUST BE MANUFACTURER RECOMMENDED FOR USE WITH THE ASSOCIATED WOOD TREATMENT.

<b>AGCOR STEEL, LLC.</b>			
<b>20' STEEL TRUSS</b>			
SCALE NONE	DATE 06-20-2018	DRAWN BY J. HYDE	DRAWING NO. 18-0620-20
TRUSS DETAIL			SHEET NO. 1 OF 1