

TRUSS DETAIL
TRUSS SPACING = 8'-0" O.C.

BILL OF MATERIALS

MARK	DESCRIPTION	LENGTH	NUMBER REQUIRED	MATERIAL	
A1	TOP CHORD	LL 2 x 2 x 3/16	39'-0 1/4"	1	A36
A2	BOTTOM CHORD	LL 2 x 2 x 3/16	39'-0 1/4"	1	A36
A3	SEAT ANGLE	L 2 x 2 x 3/16	0' 5-1/2"	2	A36
W1	WEB	L 1-1/4x1-1/4x1/8	1' - 11"	2	A36
W2	WEB	L 1-1/4x1-1/4x1/8	2' 0-1/2"	38	A36

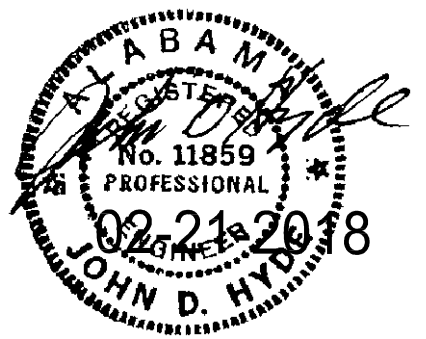
NOTES:

- PURLINS TO BE MINIMUM **2x6** FOR 8' TRUSS SPACING.
- PURLINS TO BE #2 SYP (OR STRONGER) AND SPACED AT A MAXIMUM 2'-0" O.C.
- CONTRACTOR RESPONSIBLE FOR TEMPORARY CONSTRUCTION & PERMANENT BRACING.
- FABRICATOR SHALL VERIFY DIMENSIONS BEFORE CUTTING AND/OR FABRICATING.
- FABRICATION AND WELDING PER AISC AND AWS.
- STEEL TO BE MINIMUM ASTM A36 OR EQUIVALENT.
- THIS DESIGN MAY ALSO BE USED FOR SHORTER TRUSSES WITH SAME LOADING.
- THIS DESIGN IS FOR TRUSS ONLY. THE SUPPORT POST, AS SHOWN, AND THE SIDEWALL DESIGN ARE NOT A PART OF THIS DESIGN.
- MEMBER DIMENSIONS ARE TO BE ADJUSTED FOR SHORTER TRUSS LENGTHS.
- IF SUPPORT POSTS ARE TREATED WOOD, THEN FASTENERS ARE TO BE AS RECOMMENDED BY FASTENER MANUFACTURER FOR USE WITH THE TYPE TREATMENT.
- LAG SCREWS SHALL HAVE PRE-DRILLED PILOT HOLES PER MANUFACTURER AND/OR NDS.

DESIGN CRITERIA - 2015 IBC

- DESIGN LOADS PER ASCE 7-10
- CONCRETE MATERIALS AND CONSTRUCTION PER ACI 318
- STEEL MATERIALS AND CONSTRUCTION PER AISC 360
- ROOF LIVE LOAD = 20 PSF
- DESIGN WIND SPEED = 115 MPH (IBC 2015)
- BUILDING RISK CATEGORY II
- WIND EXPOSURE CATEGORY B
- IMPORTANCE FACTOR = 1.0
- GROUND SNOW LOAD = 10 PSF
- TRUSS SPACING = 8'-0" O.C.
- ALLOWABLE DEAD LOAD = 6 PSF

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SCALE AS NOTED	DATE 07-09-2018	DRAWN BY J. HYDE	DRAWN NO. 18-0609
40' TRUSS DETAIL			SHEET NO. 1 OF 1