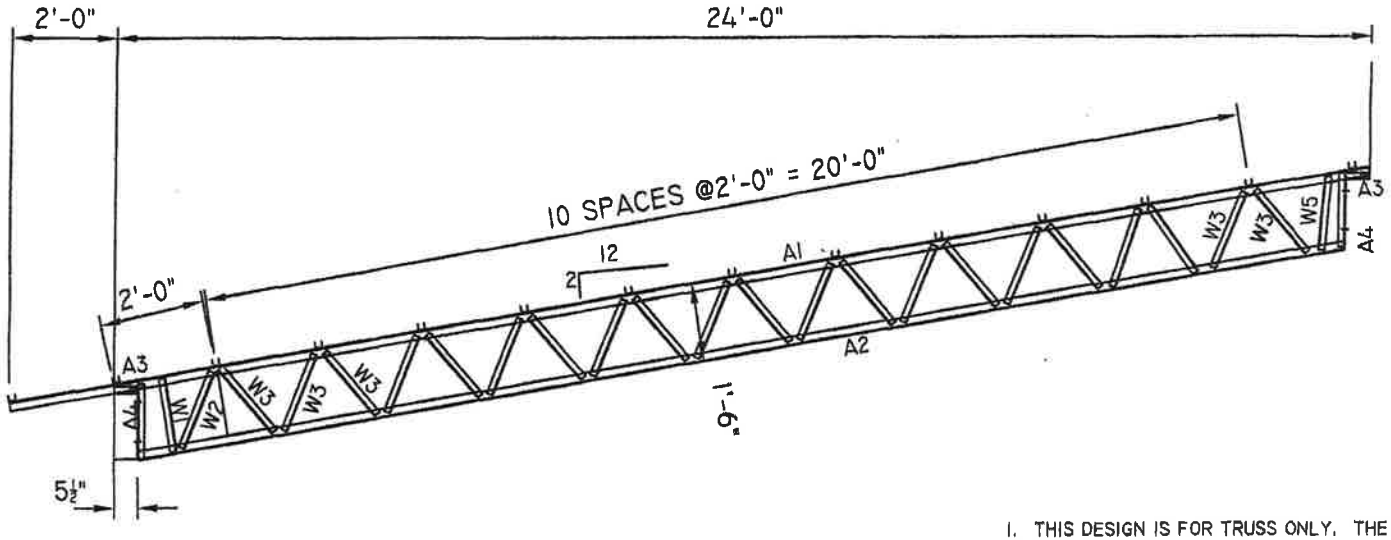

BILL OF MATERIALS

MARK	DESCRIPTION		LENGTH	NUMBER REQUIRED	MATERIAL
A1	TOP CHORD	L 2x2x 3/16	26'-4"	1	A36
A2	BOTTOM CHORD	L 2x2x 3/16	23' 4-1/2"	1	A36
A3	BASE	L 1-1/2x1-1/2x 3/16	0'-5-1/2"	2	A36
A4	VERTICAL END	L 1-1/2x1-1/2x 3/16	1'- 5"	2	A36
W1	WEB	L 1-1/2x1-1/2x1/8	1'- 5"	1	A36
W2	WEB	L 1-1/2x1-1/2x1/8	1' 6-1/2"	1	A36
W3	WEB	L 1-1/2x1-1/2x1/8	1' 6-1/2"	21	A36
W5	WEB	L 1-1/2x1-1/2x1/8	1' 5"	1	A36

1. THIS DESIGN IS FOR TRUSS ONLY. THE SUPPORT POST IS ASSUMED TO BE 5-1/2" BUT THE SIDEWALL DESIGN IS NOT A PART OF THIS DESIGN.
2. PURLIN SPACING 2'-0".
3. INCREASE IN ALLOWABLE STRESS FOR WIND LOADING HAS BEEN USED.
4. THIS DESIGN IS FOR TRUSS FABRICATION ONLY. CONSULT ENGINEER FOR TEMPORARY AND PERMANENT CONSTRUCTION BRACING.

DESIGN LOADS
PER INTERNATIONAL BUILDING CODE (2003–2009)

	10' TRUSS SPACING
DEAD LOAD	10 PSF
LIVE LOAD	20 PSF
TOTAL LOAD	30 PSF
WIND LOAD	90 MPH

STRUCTURAL STEEL
ASTM A36 MINIMUM
WELDING
PER AWS AND AISC

BY:
JOHN D. HYDE, PE
AL REG NO 11859
855 HAYNES ROAD NE
ARAB, AL 35016
PH 256-5572-0195.
jdhyde@mindspring.com

ALABAMA REGISTERED No. 11859 PROFESSIONAL ENGINEER JOHN D. HYDE 8-15-2012

SCALE	DATE	DRAWN BY	DRAWN NO.
AS NOTED	8-15-2012	J. HYDE	12-0815-24
24' ROOF TRUSS – 2"CHORDS			SHEET NO. 1 OF 1