



BILL OF MATERIALS

MARK	DESCRIPTION	LENGTH	NUMBER REQUIRED	MATERIAL
A1	TOP CHORD	31'-7 1/2"	2	A36
A2	BOTTOM CHORD	31'-1 3/4"	2	A36
A3	VERTICAL END	1'-5 1/2"	2	A36
A4	VERTICAL END	1'-5 1/2"	1	A36
A5	TIE	31'-0"	1	A36
A6	TIE	4'-7 1/2"	2	A36
W1	WEB	7'-1 1/2"	2	A36
W2	WEB	1'-5 3/4"	2	A36

NOTE:
 AS AN ALTERNATE, THIS TRUSS MAY ALSO BE FABRICATED WITH
 PANEL POINTS AT 2'-0" INSTEAD OF 2'-1 1/2" SPACING WITH MEMBER
 LENGTHS ADJUSTED ACCORDINGLY. MEMBER SIZES WOULD REMAIN.

NOTES:

1. PURLINS TO BE MINIMUM 2x6 #2 SYP (SPACED MAXIMUM 2'-1" O.C.).
2. INCREASE IN ALLOWABLE STRESS FOR WIND LOADING HAS BEEN USED.
3. CONTRACTOR RESPONSIBLE FOR TEMPORARY CONSTRUCTION BRACING.
4. FABRICATOR TO VERIFY DIMENSIONS BEFORE FABRICATION.
5. THIS DESIGN IS FOR TRUSS FABRICATION ONLY. CONSULT ENGINEER FOR TEMPORARY AND PERMANENT CONSTRUCTION BRACING.
6. ALL WELDS AND WELDING PER AWS.
7. STRUCTURAL STEEL AND FABRICATION PER AISC

DESIGN LOADS PER INTERNATIONAL BUILDING CODE 2009 (IBC)

DESIGN LOADS (8' TRUSS SPACING)

TOTAL DEAD + LIVE LOAD = 34 PSF (20 PSF DL + 14 PSF LL)

DESIGN LOADS (10' TRUSS SPACING)

TOTAL DEAD + LIVE LOAD = 29 PSF (20 PSF LL + 9 PSF DL)

WIND LOADS

WIND PER INTERNATIONAL BUILDING
 CODE 2009

3 SECOND GUST WIND----- 90MPH



BY:
 JOHN D. HYDE, PE
 AL REG NO 11859
 855 HAYNES ROAD NE
 ARAB, AL 35016
 PH 256-572-0195

SCALE	DATE	DRAWN BY	DRAWN NO.
NONE	7/16/2012	J. HYDE	12-0616-2L60
60' TRUSS - 2" ANGLE CHORDS			SHEET NO. 1 OF 1