



**BILL OF MATERIALS**

MARK	DESCRIPTION	LENGTH	NUMBER REQUIRED	MATERIAL
A1	TOP CHORD	26'-3 1/2"	2	A36
A2	BOTTOM CHORD	25'-9 1/2"	2	A36
A3	VERTICAL END	1'-6"	4	A36
A4	TIE	4'-8"	2	A36
A5	TIE	25'-6"	1	A36
W1	WEB	1'-9"	48	A36
W2	WEB	1'-9 1/8"	2	A36
B1	BASE	5 1/2"	2	A36

**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 (10' TRUSS SPACING)  
 TOTAL DEAD + LIVE LOAD = 34 PSF (20 PSF DL + 14 PSF LL)  
 DESIGN LOADS (12' TRUSS SPACING)  
 TOTAL DEAD + LIVE LOAD = 29 PSF (20 PSF LL + 9 PSF DL)

**WIND LOADS**

WIND VELOCITY ..... 90MPH

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**50' STEEL TRUSS**

SCALE	DATE	DRAWN BY	DRAWING NO.
NONE	11/11/2013	J. HYDE	13-1111-6012
50' TRUSS DETAIL - 2" ANGLE			SHEET NO. 1 OF 1