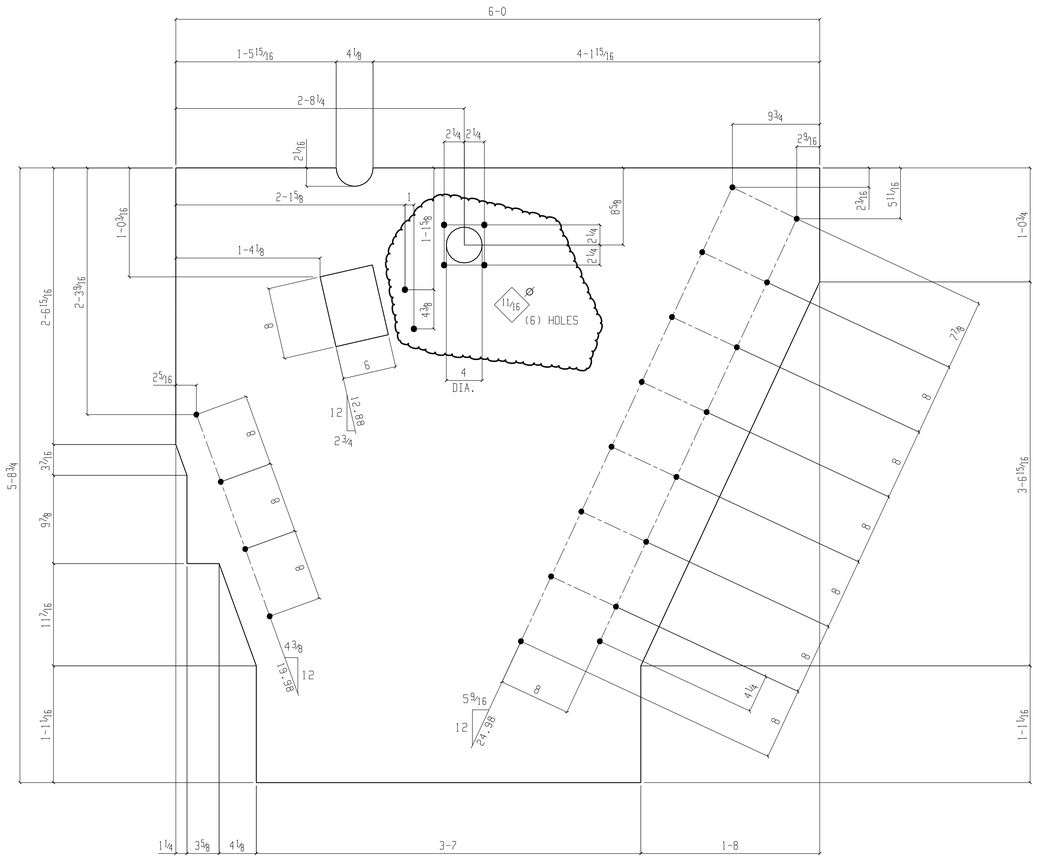
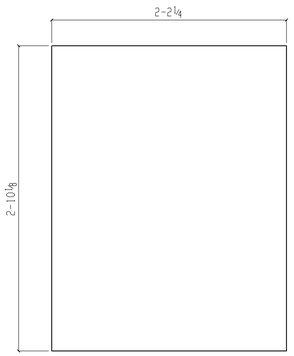


2 PL¼x68¾x6-0 p111

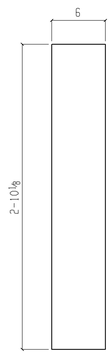
GRADE: A36

5/8 Ø TYPICAL HOLES (U.N.O.)



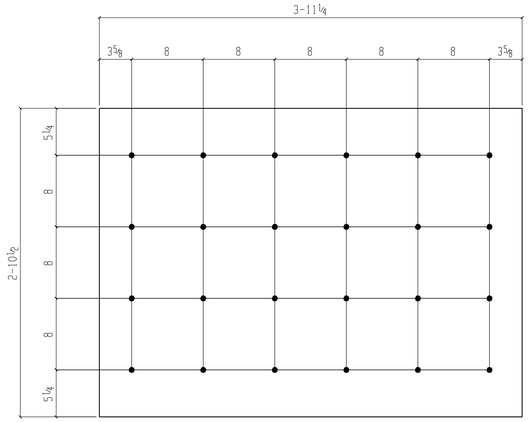
ONE PL¼x26¼x2-10⅛ p116

GRADE: AR400



ONE PL¼x6x2-10⅛ p117

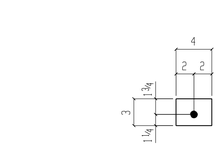
GRADE: AR400



ONE PL¼x34½x3-11¼ p119

GRADE: A36

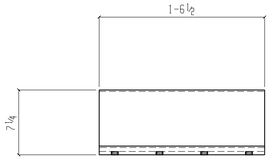
5/8 Ø TYPICAL HOLES

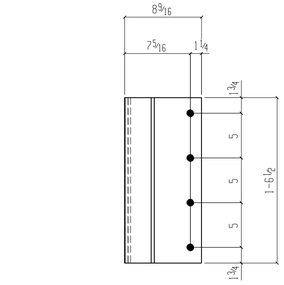


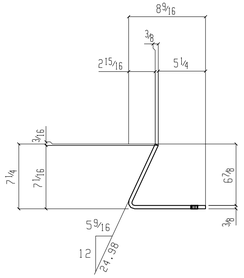
4 PL¾x3x0-4 p112

GRADE: A36

15/16 Ø TYPICAL HOLES



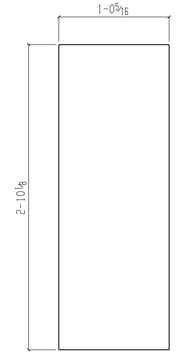




ONE PL⅜x18½x1-3 13/16 p113

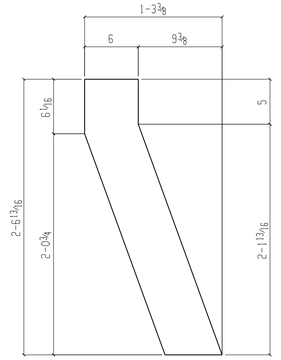
GRADE: A36

13/16 Ø TYPICAL HOLES



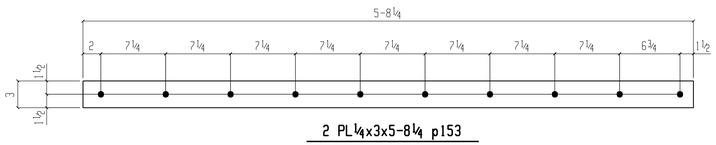
ONE PL¼x12 5/16x2-10⅛ p114

GRADE: AR400



2 PL¼x15 3/8x2-6 13/16 p115

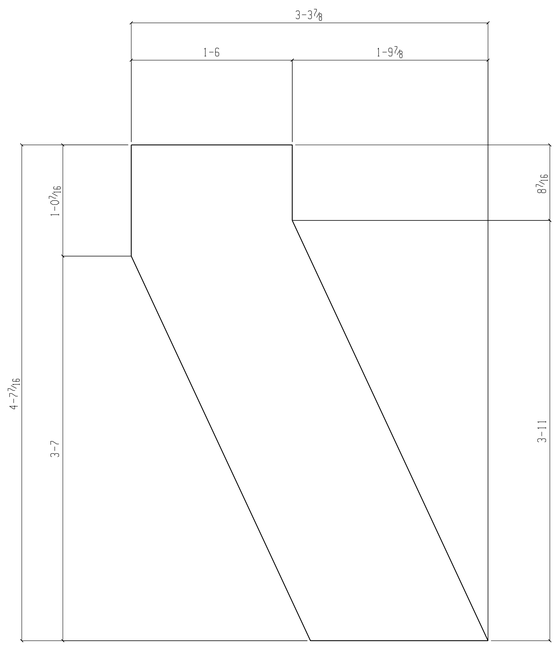
GRADE: AR400



2 PL¼x3x5-8¼ p153

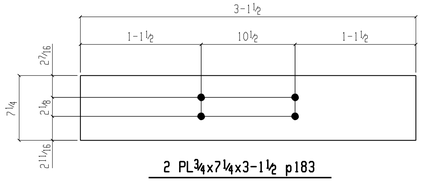
GRADE: A36

11/16 Ø TYPICAL HOLES



2 PL¼x39⅞x4-7 7/16 p135

GRADE: AR400



2 PL¾x7¼x3-1½ p183

GRADE: A36

13/16 Ø TYPICAL HOLES

DRAWING REVIEW / APPROVAL

NEW CENTURY ENGINEERING HAS MADE EVERY EFFORT TO CORRECTLY AND COMPLETELY INCORPORATE THE INTENT OF THE CONTRACT DOCUMENTS. APPROVAL BY THE CLIENTS REPRESENTATIVE SHALL CONSTITUTE ACCEPTANCE. ANY POST-APPROVAL CHANGES WILL BE CONSIDERED TO BE CONTRACT CHANGES.

GENERAL SHOP FABRICATION NOTES:

1. ALL WIDE FLANGE MEMBERS ("W" SHAPES) SHALL BE ASTM A572 GRADE 50 (W/ SPECIAL REQUIREMENTS PER AISC TECHNICAL BULLETIN #3 DATED 3/97) OR ASTM A992 GRADE 50. Fy = 50 ksi.
2. ALL STEEL PIPE TO BE ASTM A53 U.N.O.
3. ALL STEEL PLATES, ANGLES, CHANNELS, BARS, ETC. TO BE ASTM A36, (Fy=36 KSI)
4. ALL STRUCTURAL TUBE STEEL TO BE ASTM A500, GRADE B, (Fy=46 KSI), U.N.O.
5. ALL HOLES TO BE 13/16" DIA., U.N.O.
6. ALL WELDED CONNECTIONS TO BE ELECTRIC ARC WELDED W/ AWS SERIES E70 ELECTRODES.
7. ALL BOLTED CONNECTIONS TO BE W/ ASTM A-325 H.S. BOLTS W/ HARD NUTS & WASHERS.
8. ALL WELDS (SEAL WELDED) TO BE 1/16" LESS THAN MATERIAL THICKNESS U.N.O.
9. ALL ADDITIVES (DOUBLE ARROWS) ARE REF. TO CUT END OF MEMBER OR TOP OF COL. BASE PL. U.N.O.
10. PRIME, & PAINT PER FABRICATORS STANDARD RUST INHIBITING RED PRIMER, LEAD FREE. UNLESS NOTED OTHERWISE.
11. ERECTION PLAN PER SHEET E1.

NEW CENTURY ENGINEERING AND DESIGN
3106 E. VANTAGE PT. DR.
MIDLAND, MICH. 48640
PHONE : (989) 633-3331
FAX : (989) 633-3334
serskine@newcenturyeng.com

FOR: company name
project name
city, state

TITLE: STRUCTURAL STEEL DETAILS
project name
xxxxx

DRAWN BY: _ CHKD BY: _ DATE: _

START DATE: _
NCED JOB NO. _
REVISIONS NO. DATE
DWG. NO. X