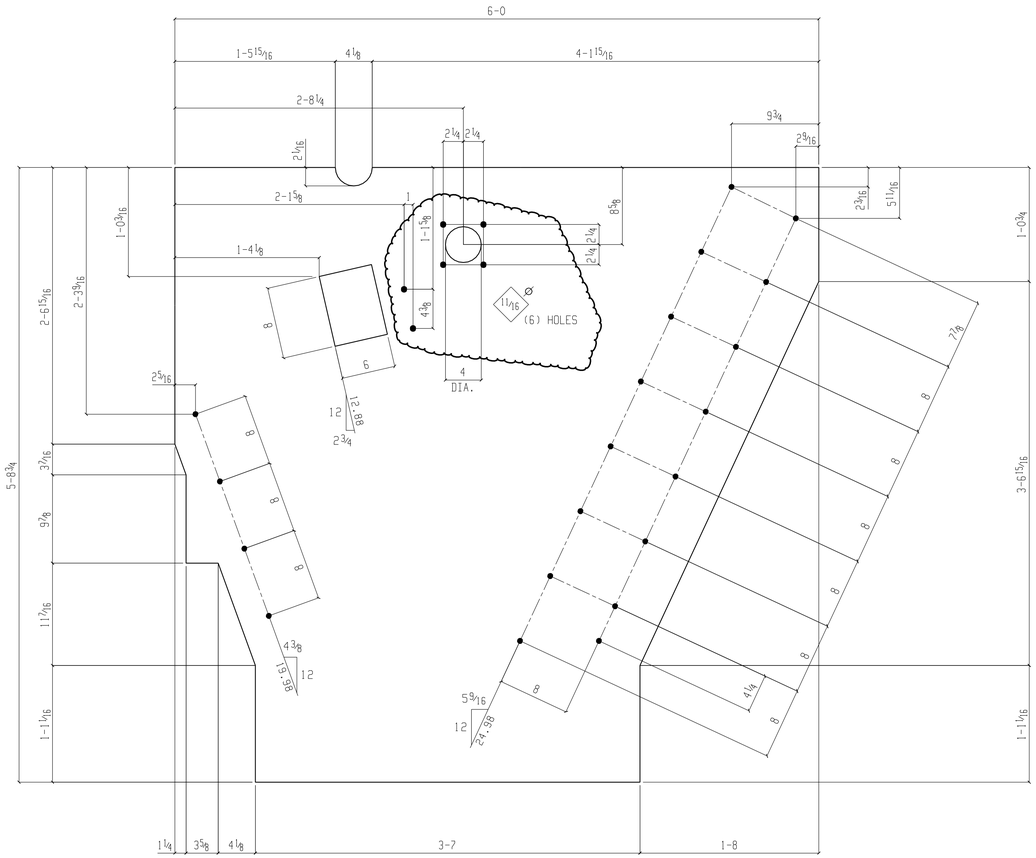
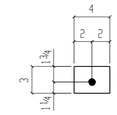


2 PL1/4x68 3/4x6-0 p111

GRADE: A36

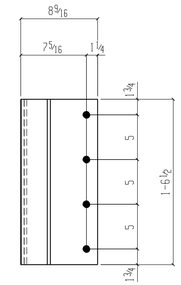
5/8 Ø TYPICAL HOLES (U.N.O.)

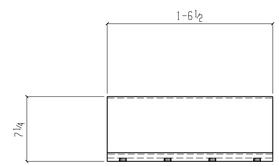


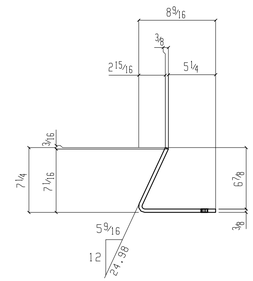
4 PL3/4x3x0-4 p112

GRADE: A36

15/16 Ø TYPICAL HOLES



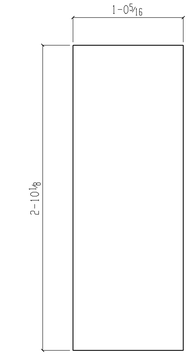




ONE PL3/8x18 1/2x1-3 13/16 p113

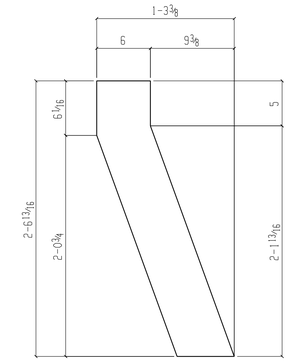
GRADE: A36

13/16 Ø TYPICAL HOLES



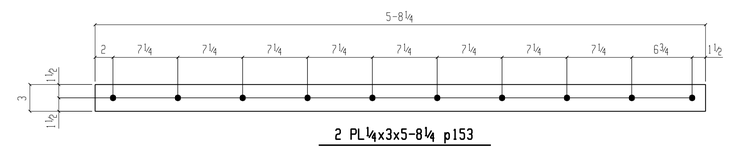
ONE PL1/4x12 5/16x2-10 1/8 p114

GRADE: AR400



2 PL1/4x15 3/8x2-6 13/16 p115

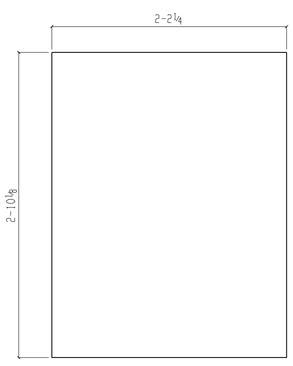
GRADE: AR400



2 PL1/4x3x5-8 1/4 p153

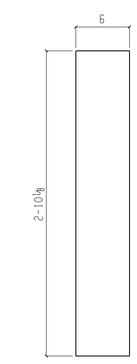
GRADE: A36

11/16 Ø TYPICAL HOLES



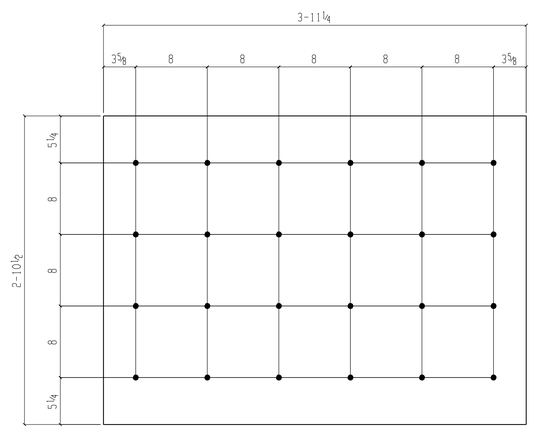
ONE PL1/4x26 1/4x2-10 1/8 p116

GRADE: AR400



ONE PL1/4x6x2-10 1/8 p117

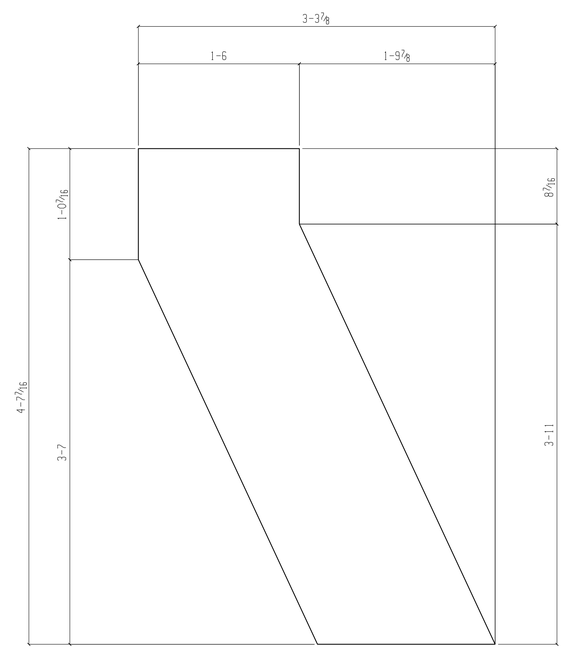
GRADE: AR400



ONE PL1/4x34 1/2x3-11 1/4 p119

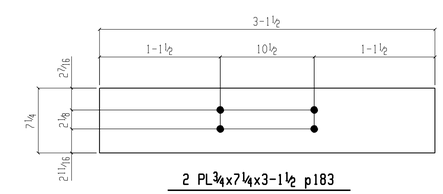
GRADE: A36

5/8 Ø TYPICAL HOLES



2 PL1/4x39 7/8x4-7 7/16 p135

GRADE: AR400



2 PL3/4x7 1/4x3-1 1/2 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
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serskine@newcenturyeng.com

FOR: company name
project name
city, state

TITLE: STRUCTURAL STEEL DETAILS
project name
xxxxx

DRAWN BY: – CHKD BY: – DATE: –

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