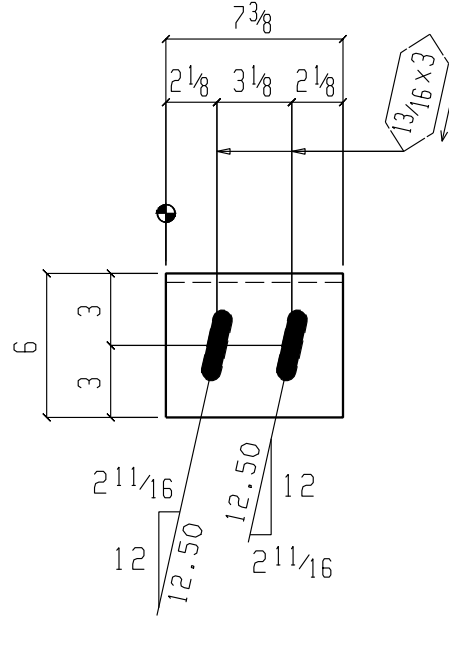
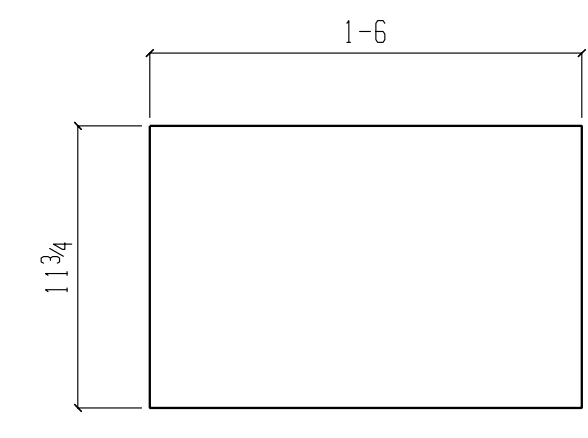


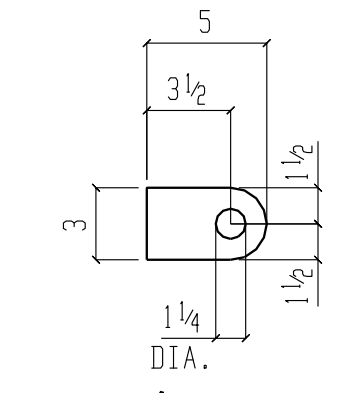
**ONE L6x4x3/8x0-7/8 a6**  
GRADE: A36



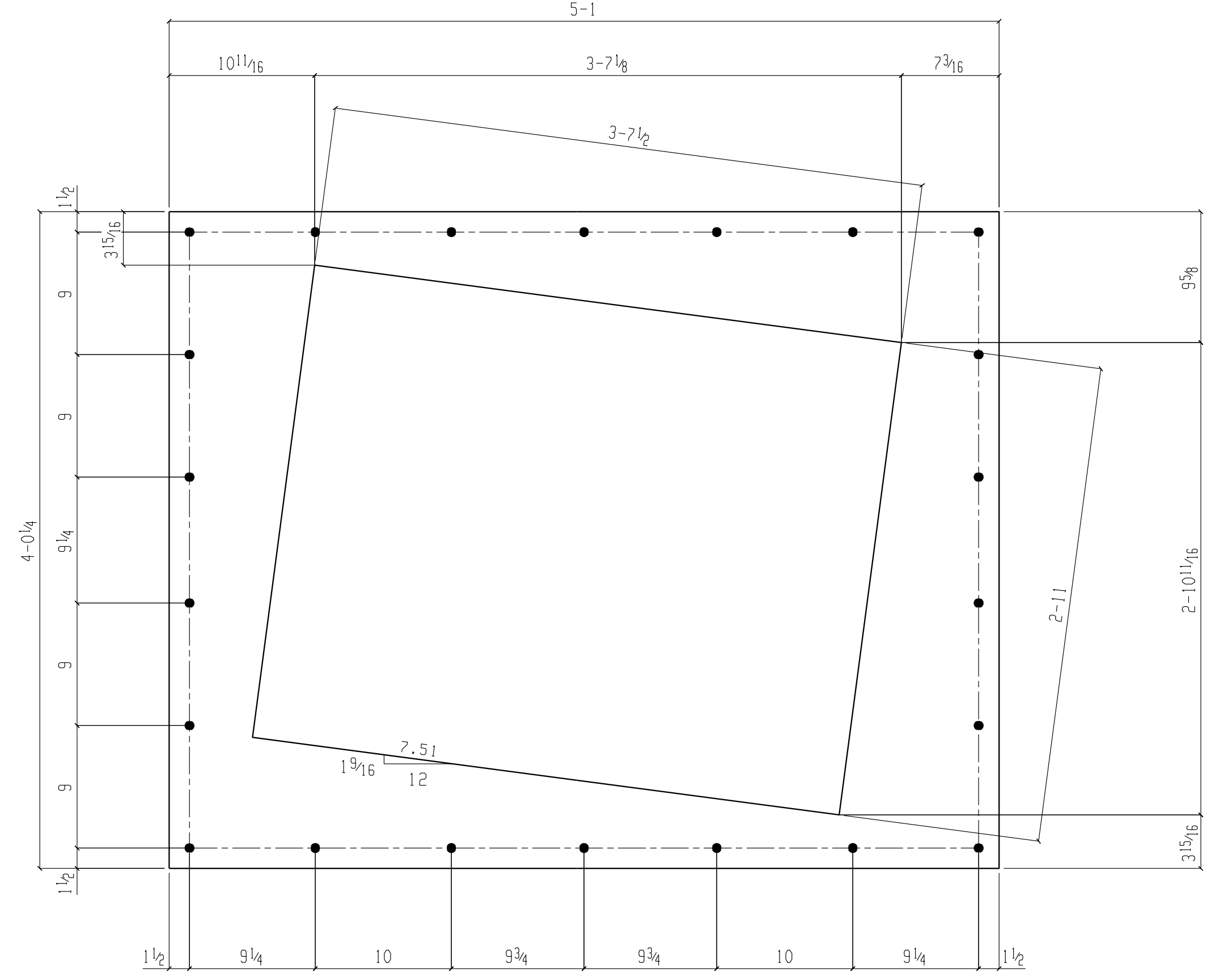
**ONE L6x4x3/8x0-7/8 a7**  
GRADE: A36



**2 PL 1/4x11 3/4x1-6 p2**  
GRADE: A36

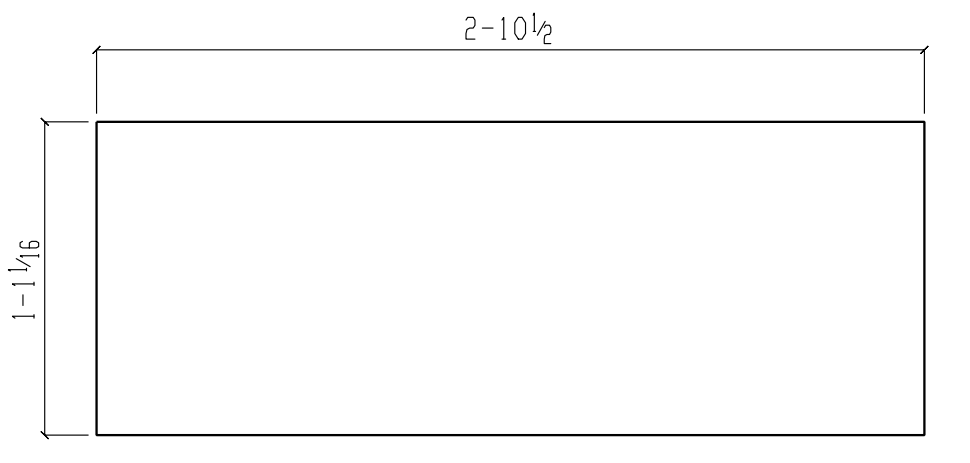


**4 PL 1/2x3x0-5 p6**  
GRADE: A36

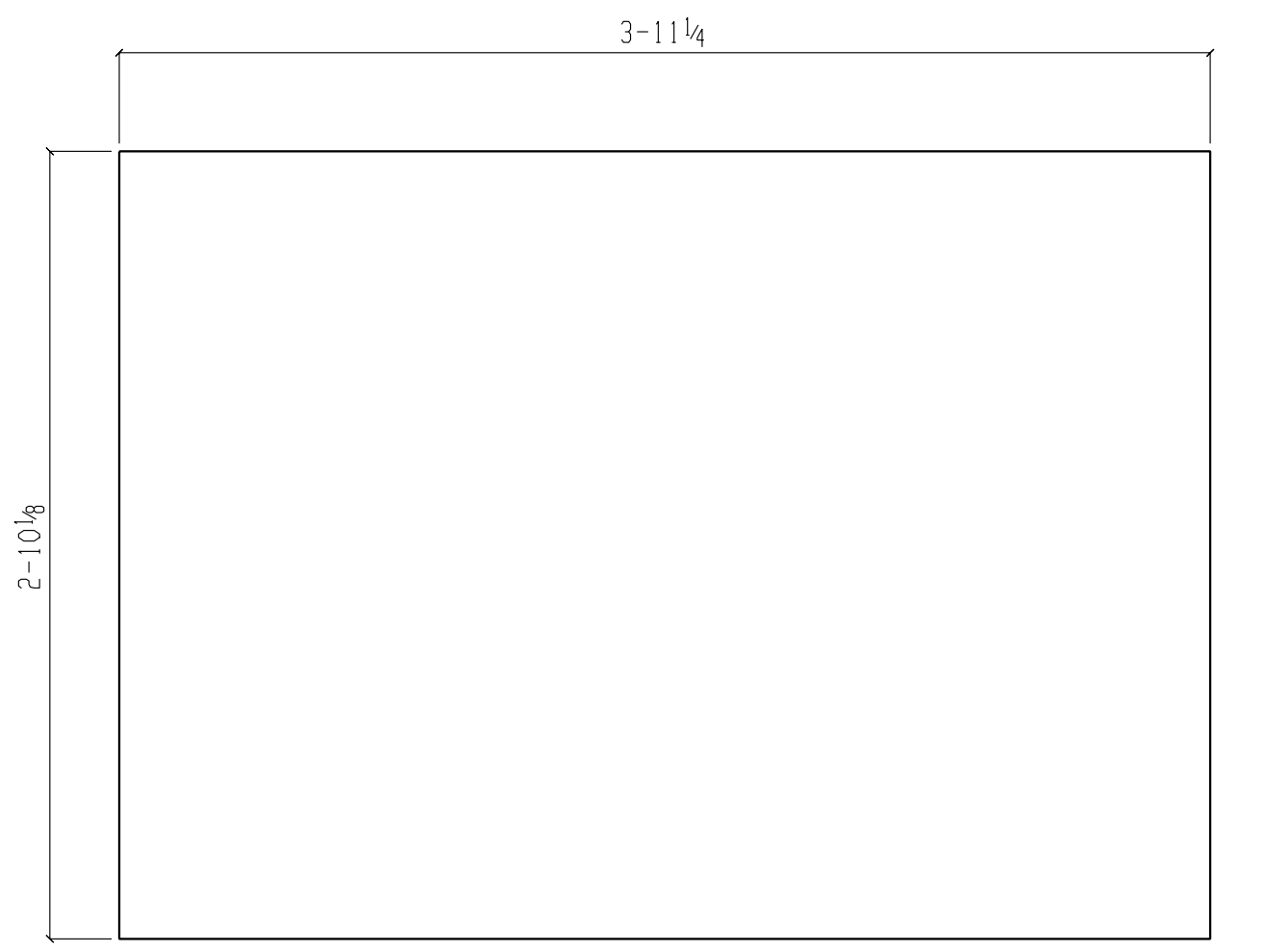


**ONE PL 1/4x48 1/4x5-1 p95**  
GRADE: A36

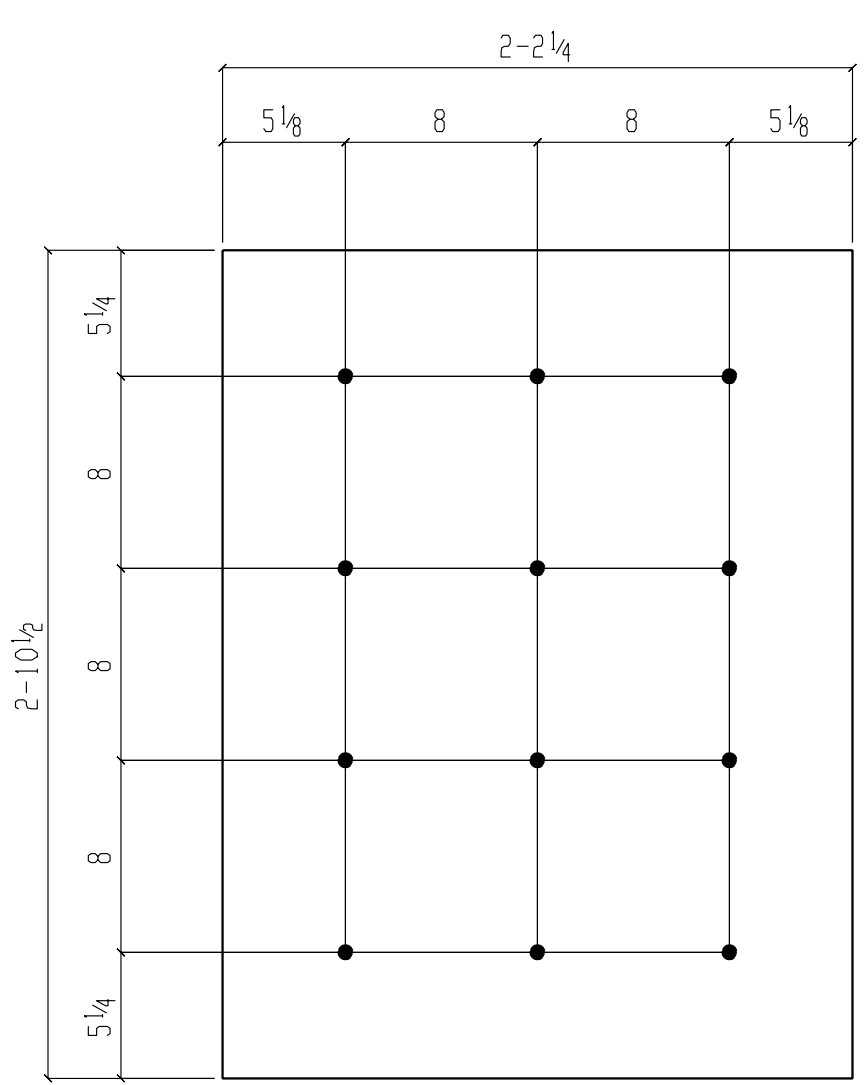
1 1/16 TYPICAL HOLES



**2 PL 1/4x13 1/16x2-10 1/2 p96**  
GRADE: A36

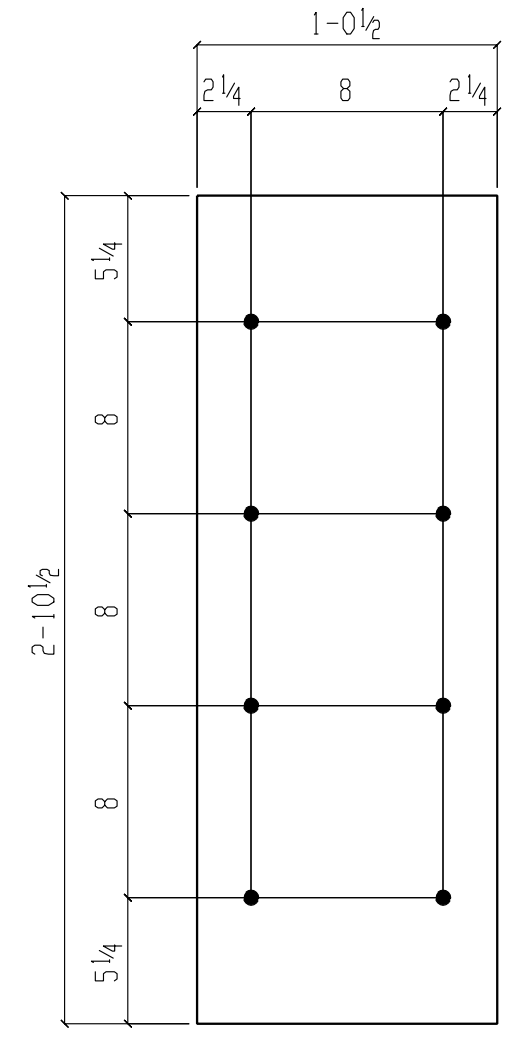


**ONE PL 1/4x34 1/8x3-11 1/4 p97**  
GRADE: AR400



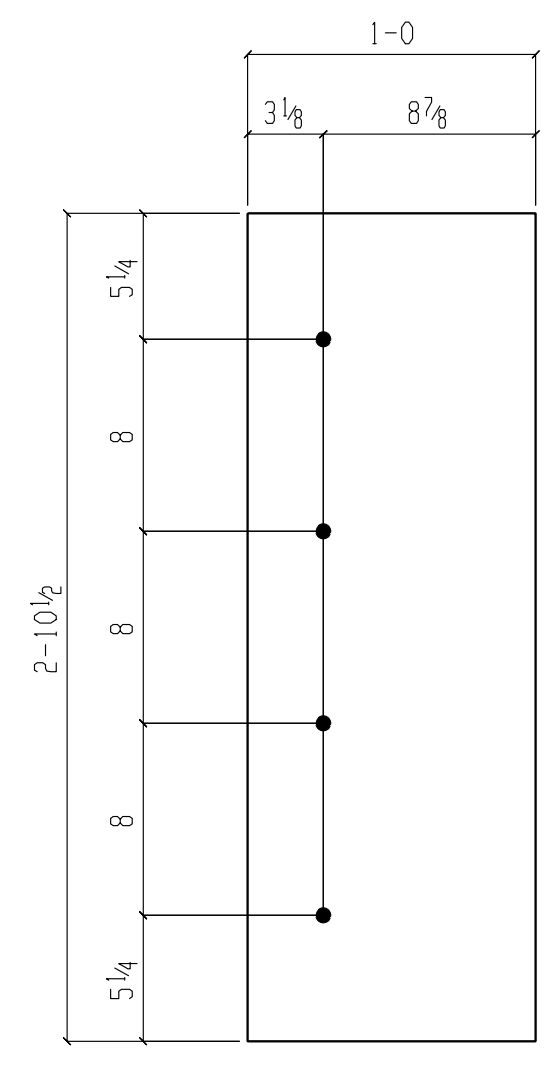
**ONE PL 1/4x26 1/4x2-10 1/2 p98**  
GRADE: A36

5/8 TYPICAL HOLES



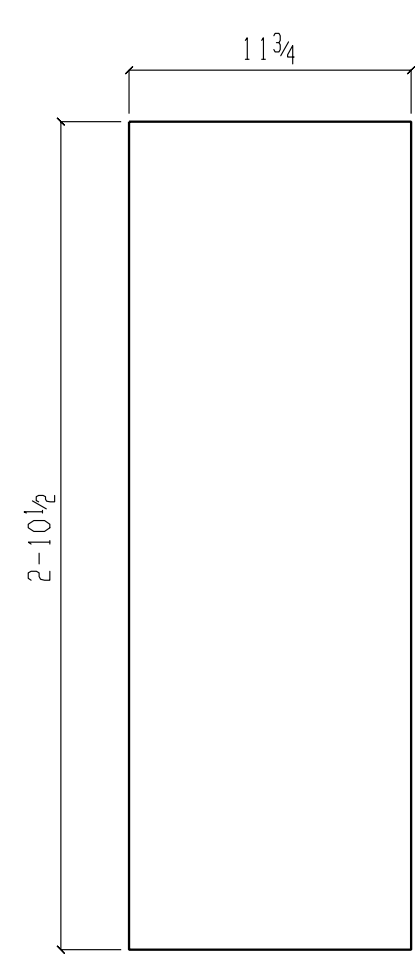
**ONE PL 1/4x12 1/2x2-10 1/2 p99**  
GRADE: A36

5/8 TYPICAL HOLES

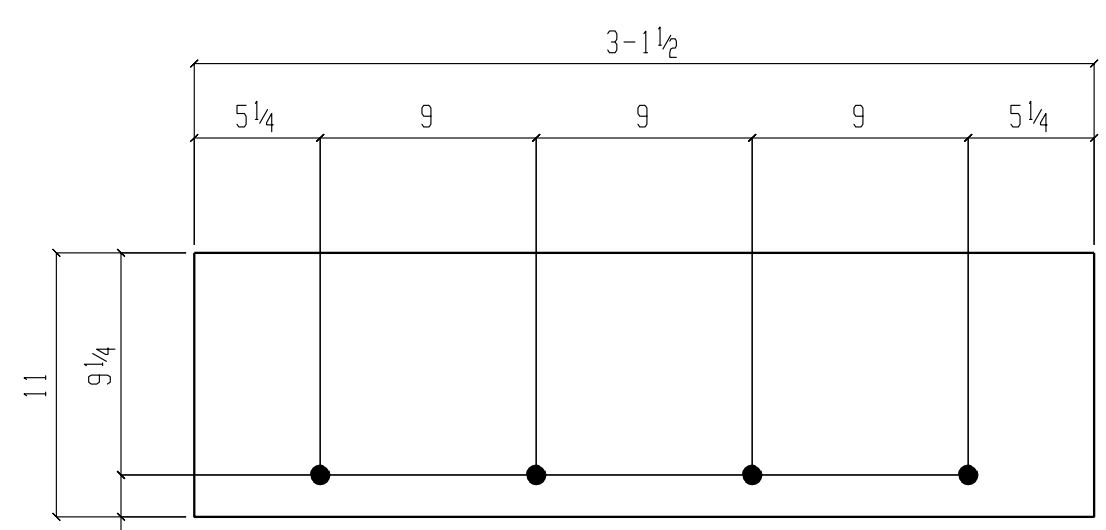


**ONE PL 1/4x12x2-10 1/2 p101**  
GRADE: A36

3/8 TYPICAL HOLES

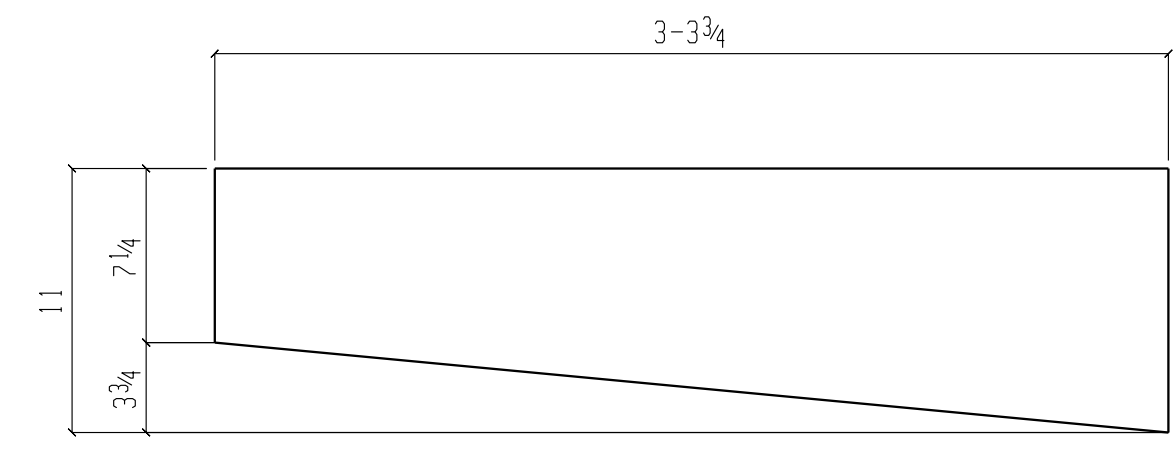


**2 PL 1/4x11 3/4x2-10 1/2 p102**  
GRADE: A36

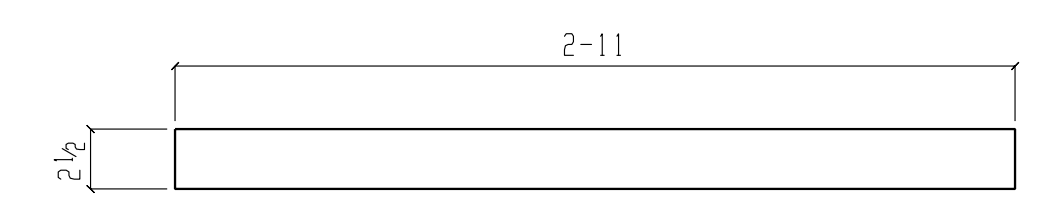


**2 PL 3/4x11x3-1 1/2 p103**  
GRADE: A36

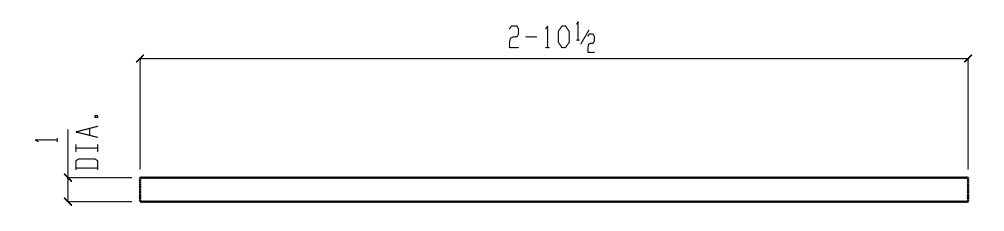
1 3/16 TYPICAL HOLES



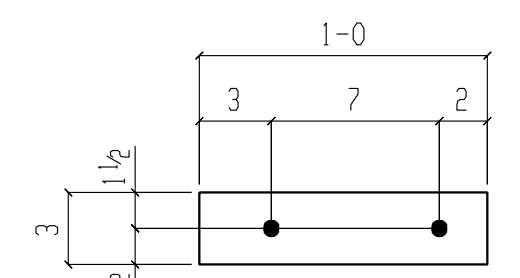
**4 PL 3/4x11x3-3 3/4 p106**  
GRADE: A36



**ONE PL 1/4x2 1/2x2-11 p108**  
GRADE: A36

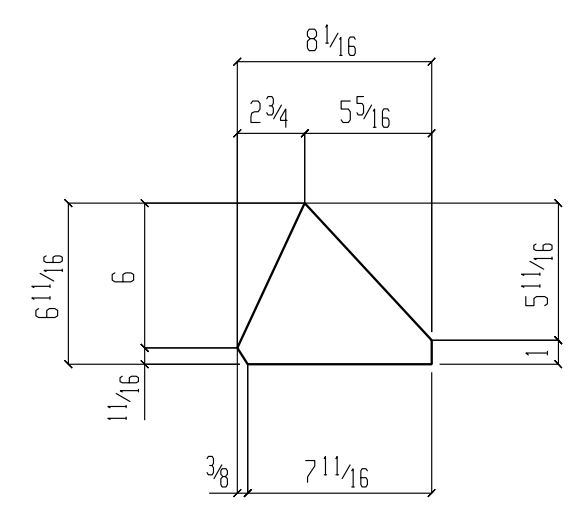


**ONE RB 1x2-10 1/2 rb4**  
GRADE: A36

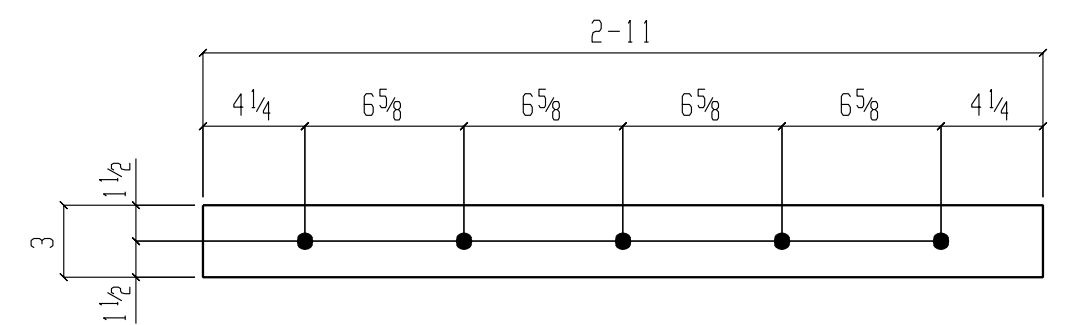


**2 PL 1/4x3x1-0 p105**  
GRADE: A36

1 1/16 TYPICAL HOLES



**3 PL 3/8x6 1/16x0-8 1/16 p107**  
GRADE: A36



**ONE PL 1/4x3x2-11 p110**  
GRADE: A36

1 1/16 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 CLIENT'S REPRESENTATIVE SHALL CONSTITUTE ACCEPTANCE. ANY POST-APPROVAL CHANGES WILL BE CONSIDERED TO BE CONTRACT CHANGES.

**GENERAL SHOP FABRICATION NOTES:**

- ALL WIDE FLANGE MEMBERS ("W" SHAPES) SHALL BE ASTM A572 GRADE 50 (W/ SPECIAL REQUIREMENTS PER AISC TECHNICAL BULLETIN #3 DATED '89) OR ASTM A992 GRADE 50, Fy = 50 KSI.
- ALL STEEL PIPE TO BE ASTM A53 U.N.O.
- ALL STEEL PLATES, ANGLES, CHANNELS, BARS, ETC. TO BE ASTM A36, (Fy=36 KSI)
- ALL STRUCTURAL TUBE STEEL TO BE ASTM A500, GRADE B, (Fy=46 KSI), U.N.O.
- ALL HOLES TO BE 1/16" DIA., U.N.O.
- ALL WELDED CONNECTIONS TO BE ELECTRIC ARC WELDED W/ AWS SERIES E70 ELECTRODES.
- ALL BOLTED CONNECTIONS TO BE W/ ASTM A-325 H.S. BOLTS W/ HARD NUTS & WASHERS.
- ALL WELDS (SEAL WELDED) TO BE 1/16" LESS THAN MATERIAL THICKNESS U.N.O.
- ALL ADDITIVES (DOUBLE ARROWS) ARE REF. TO CUT END OF MEMBER OR TOP OF COL. BASE PL. U.N.O.
- PRIME, & PAINT PER FABRICATORS STANDARD RUST INHIBITING RED PRIMER, LEAD FREE, UNLESS NOTED OTHERWISE.
- ERECTION PLAN PER SHEET ET.

 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	START DATE: _____ REVISIONS NO. DATE	NEED JOB NO. _____ DWG. NO. _____
	TITLE: STRUCTURAL STEEL DETAILS project name xxxxx	DRAWN BY: _____ CHECK BY: _____ DATE: _____	