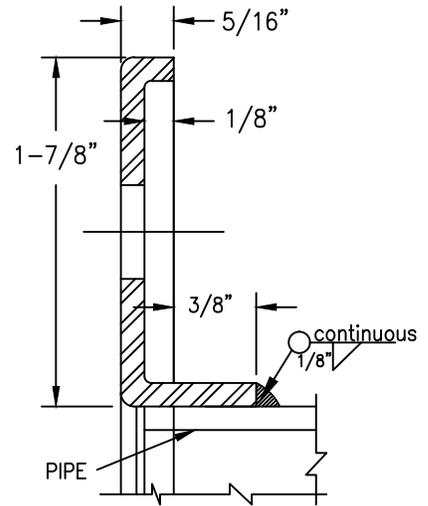


FLANGE LAYOUT



SECTION A-A

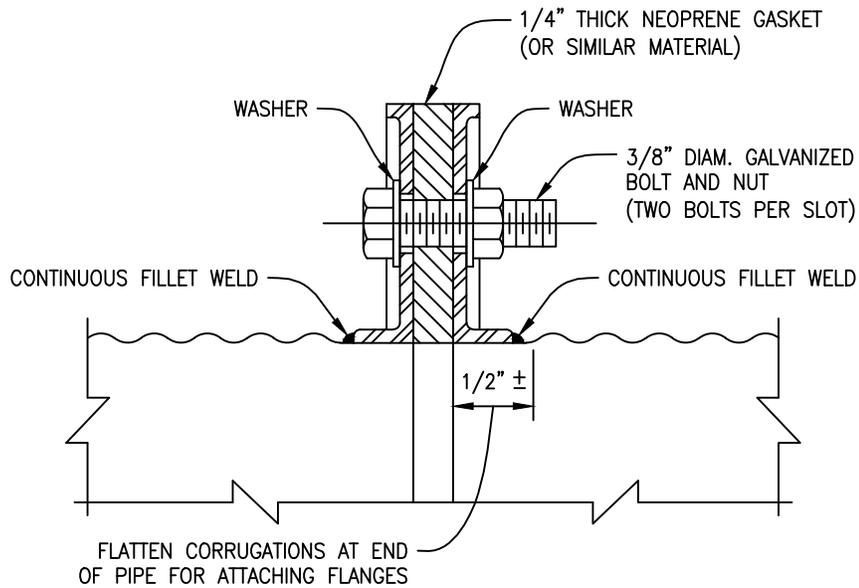
FLANGE LAYOUT DIAMETERS			
PIPE	SLOT CIRCLE	INNER BEND	OUTER BEND
10"	12-3/4"	11"	14-3/4"
12"	14-3/4"	13"	16-3/4"

FLANGE DETAILS FOR 10" AND 12" DIAM. PIPES

CLIENT: _____
 COUNTY: _____

Date _____
 Designed _____
 Drawn _____
 Checked _____
 Approved _____

File Name
 WI-241
 Date
 07/14
 Sheet of



FLANGE CONNECTION

NOTES:

1. FLANGE COUPLINGS SHALL BE FABRICATED FROM HOT ROLLED SHEET STEEL AND THEN GALVANIZED; METAL THICKNESS = 0.109 INCHES.
2. CONNECTIONS SHALL BE MADE USING TWO BOLTS PER SLOT. BOLTS ARE TO BE LOCATED AT THE ENDS OF EACH SLOT. TWO WASHERS ARE TO BE USED – ONE BEHIND THE BOLT HEAD AND ONE BEHIND THE NUT.
3. INSTALL A 1/4 INCH THICK NEOPRENE GASKET (OR SIMILAR MATERIAL) IN EACH FLANGE CONNECTION. TWO GASKETS ARE NEEDED IF THE CONNECTION INCORPORATES AN ANTISEEP COLLAR.
4. NEOPRENE GASKETS ARE TO BE PRE-PUNCHED WITH 5/8 INCH DIAMETER HOLES TO MATCH THE HOLES IN THE ANTISEEP COLLARS AND FLANGES.
5. THE PIPE MAY BE SMOOTH STEEL, HELICAL OR ANNULAR CORRUGATED STEEL, OR OF A MATERIAL OF EQUIVALENT STRENGTH AND DURABILITY.