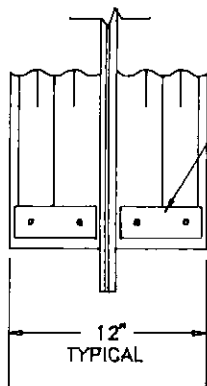


NOTE:  
ONE HALF DIAPHRAGM SHOWN, OTHER HALF SAME EXCEPT SLOTS ARE VERTICAL



A-A

STANDARD BAND ANGLES

AN ALTERNATE METHOD OF CONNECTION IS TO ELIMINATE THE BAND ANGLES AND SUBSTITUTE FOUR RODS AND LUGS.

NOTES:

- UNASSEMBLED DIAPHRAGMS SHALL BE MARKED BY PAINTING OR TAGGING WHEN NECESSARY TO IDENTIFY MATCHING PAIRS TO SECURE A PROPER INSTALLATION.
- THE LAP BETWEEN THE TWO HALF SECTIONS AND BETWEEN THE PIPE AND COUPLING BAND SHALL BE CAULKED WITH BITUMINOUS MASTIC AT TIME OF INSTALLATION. NEOPRENE GASKET 3/8" x 7" MINIMUM WIDTH MAY BE USED IN LIEU OF MASTIC.
- ALL WELDS AND ALL HEAT AFFECTED AREAS ON ZINC COATED METAL SHALL BE THOROUGHLY CLEANED AND TREATED IN ACCORDANCE WITH SPECIFICATIONS (STEEL ONLY).
- EACH DIAPHRAGM SHALL BE FURNISHED WITH TWO RODS AND NUTS AND TWO STANDARD TANK LUGS OR "L" LUGS FOR SECURING DIAPHRAGMS TO PIPE.
- RODS FOR COLLAR COUPLING BANDS AND DIAPHRAGMS FOR 6" THRU 15" DIA. PIPE SHALL BE 3/8" DIA. AND FOR PIPE LARGER THAN 15" DIA. THE RODS SHALL BE 1/2" DIA.
- FOR DIMENSIONS LARGER THAN 54", CONTACT THE REGIONAL OFFICE.

SIZES FOR STANDARD SCS 20' SPACING

| DIA.<br>(IN) | GAGE | NOMINAL<br>DIAPHRAGM<br>SIZE (IN) | FABRICATION<br>DIMENSIONS INCHES |           |
|--------------|------|-----------------------------------|----------------------------------|-----------|
|              |      |                                   | W(WIDTH)                         | H(HEIGHT) |
| 8            | 16   | 58 X 58                           | 58 1/2                           | 30 1/2    |
| 10           | 16   | 58 X 58                           | 58 1/2                           | 30 1/2    |
| 12           | 16   | 60 X 60                           | 64                               | 32 1/2    |
| 15           | 16   | 63 X 63                           | 68                               | 34        |
| 18           | 16   | 66 X 66                           | 69 1/4                           | 35 1/2    |
| 21           | 16   | 69 X 69                           | 72                               | 37        |
| 24           | 14   | 72 X 72                           | 72                               | 38 1/2    |
| 30           | 14   | 78 X 78                           | 82 1/2                           | 41 1/2    |
| 36           | 12   | 84 X 84                           | 88                               | 44 1/2    |
| 42           | 12   | 90 X 90                           | 93 1/4                           | 47 1/2    |
| 48           | 12   | 96 X 96                           | 96                               | 50 1/2    |
| 54           | 12   | 102 X 102                         | 106 1/2                          | 53 1/2    |



DIAPHRAGM / ANTI-SEEP COLLARS  
CORRUGATED STEEL PIPE

Drawing  
Date:

R.G.T.  
12-16-91

Revision  
Date:

D.E.N.  
9-4-95

Drawing  
Number:

1008612C