



PACIFIC CORRUGATED PIPE CO. D.B.A. ARIZONA CULVERT CO.

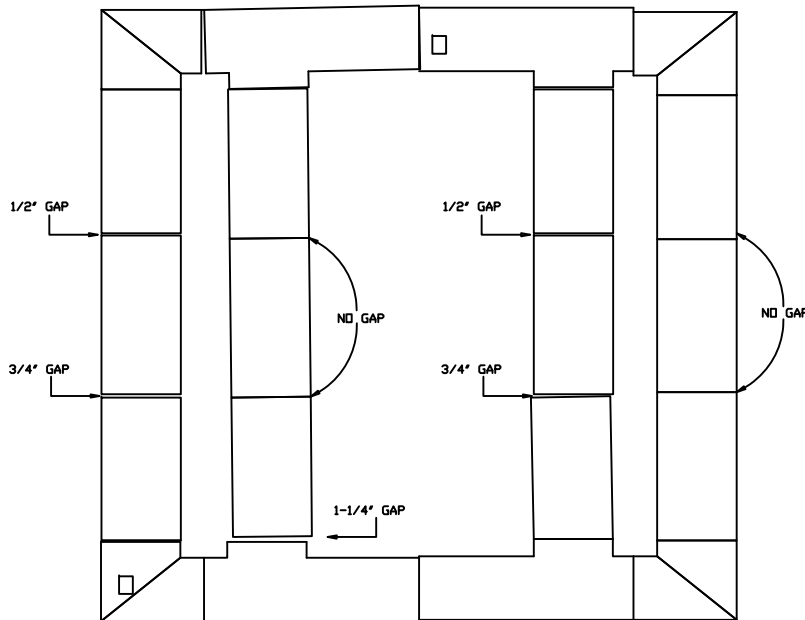
CASA GRANDE, AZ (520) 426-6000 OR (800) 822-1770 SANTA FE, NM (505) 474-5400

DESIGN PROBLEMS

REVISION: 05/03/2007

NOT RECOMMENDED

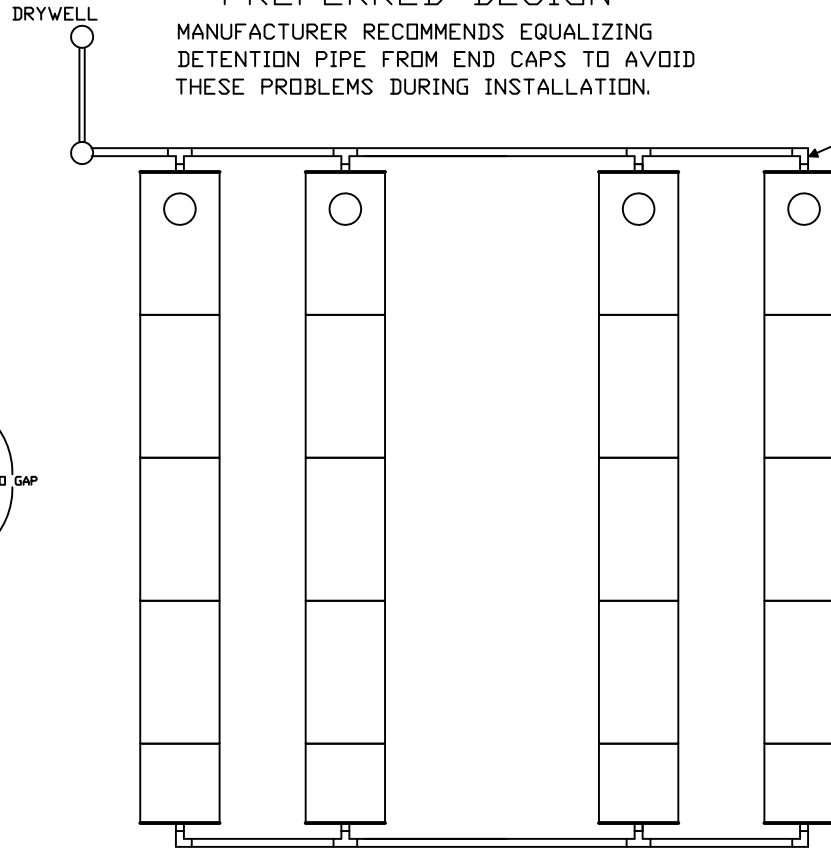
IT IS VIRTUALLY IMPOSSIBLE TO ALIGN LARGE DIAMETER MANIFOLD PIPE DURING THE INSTALLATION PROCESS.



PREFERRED DESIGN

MANUFACTURER RECOMMENDS EQUALIZING DETENTION PIPE FROM END CAPS TO AVOID THESE PROBLEMS DURING INSTALLATION.

12" HDPE, FIELD BUILT OUTLET w/ FITTINGS. AASHTO M-252 & M-294
(OR)
12" CSP (.064) 2-2/3" X 1/2" CORRUGATION, ALUMINIZED TYPE II, FIELD BUILT OUTLET w/ FITTINGS. AASHTO M-274



(OPTIONAL 2ND MANIFOLD)
12" HDPE, FIELD BUILT OUTLET w/ FITTINGS. AASHTO M-252 & M-294
(OR)

12" CSP (.064) 2-2/3" X 1/2" CORRUGATION, ALUMINIZED TYPE II, FIELD BUILT OUTLET w/ FITTINGS. AASHTO M-274

NOTE:
THE OPTIMUM METHOD OF EQUALIZING MULTIPLE BARRELS IS AT THE BULK HEADS WITH A HDPE OR CSP FIELD BUILT MANIFOLD. THIS ELIMINATES PIPE MISALIGNMENTS, EXCESSIVE LEAKAGE AND BACKFILL PROBLEMS.