



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

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

CORRUGATED PIPE DETENTION SYSTEM (MULTIPLE BARREL - SECTION DETAIL)

REVISION: 06/10/2008

NOTE: TO MEET FOLLOWING SPECIFICATIONS
AASHTO M-36 (MANUFACTURING PROCESS)
AASHTO M-274 (ALUMINIZED)

BEDDING AND BACKFILL PER MAG SPEC. SEC. 601, TYPE 1 COMPACTION, USE CONSTRUCTION METHODS AND EQUIPMENT WHICH WILL NOT DAMAGE OR OVERLOAD THE CMP DURING CONSTRUCTION.

GUIDELINES FOR PIPE SPACING

SLURRY-----0.5' MIN.
FLOWABLE-----1.5' MIN.
(PEA GRAVEL/CRUSHED ROCK)
NATIVE SOIL-----3.0' MIN.

GENERAL NOTE:

3' - 4' OF FILL IS RECOMMENDED BY MANUFACTURER FOR CONSTRUCTION EQUIPMENT. SEE TABLE 4.6, STEEL DRAINAGE AND HIGHWAY CONSTRUCTION PRODUCTS.

EAST JORDAN IRON WORKS
CAST IRON FRAME & GRATE OR
COVER (#V-1610/V-3610)
OR EQUAL

GRADE ADJ.
PER MAG 422

2" AC

4" MIN. AGG. BASE

120° CMP, 14 GA. (.079)
3"x1" CORRUGATIONS,
ALUMINIZED TYPE II
OR GALVANIZED
BITUMINOUS COATED
(OPTIONAL)

24" THRU 48"
CMP RISER-CENTERED
(AS PER PLAN)
(TYPICAL)

NATIVE
SOIL

FLOWABLE
MATERIAL
TO SPRING
LINE

SMOOTH SLEEVE ADAPTOR
FITTING DETAIL BELOW

FLAT BAND W/GASKET

120° CSP
AS PER PLAN

SMOOTH SLEEVE ADAPTOR

HDPE AS PER PLANS
AASHTO M-252 & M-294

AGGREGATE BASE--
MAG SPEC. 702

SECTION A-A (NOT TO SCALE)

THE INFORMATION PRESENTED SHOULD BE CHECKED BY THE PROFESSIONAL ENGINEER RESPONSIBLE FOR THE DESIGN TO VERIFY ACCURACY. ALSO, THE INFORMATION SHOULD BE USED TO OBTAIN THE INFORMATION SHOULD BE REVIEWED TO MAKE CERTAIN THAT THEY ARE APPLICABLE AND SUITABLE FOR THE PROJECT DESIGN.

N.T.S.