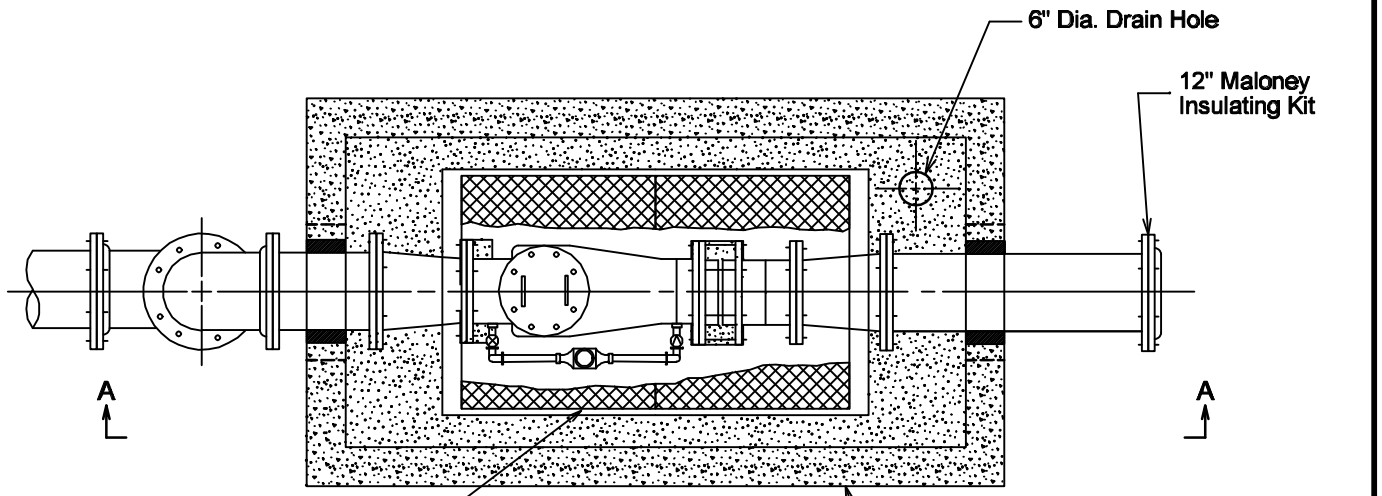


PIPE DIAMETER	DETECTOR CHECK	BY-PASS METER	SMITH-BLAIR COUPLING
10"	10"	1"	912-10-663



PLAN

3' x 5' H-20 Traffic Frame and Cover (2-Piece Cover)

4' x 8' x 3' Rectangular Concrete Vault (Dalworth Quickset No. 408-1 Series) or approved equal See DD-808-09 Sheet 1 of 1

Bolt Down Spring-assisted Lid See DD-808-03

Detector Check Valve with Elevated By-Pass Meter, Swing Check and Shutoff Valve

Place 3/4" Exp. Jt. filler around pipe and grout (each end)

Property Line or Utility Easement

12" Min.

Smith-Blair Flanged Coupling Adaptor (See Table)

Asphalt Pavement

12" Solid Cap, M.J.

4' - 0" Min.

C.I. Nipple, P.E. x P.E.

SECTION A-A

3/4" to 1 1/2" Gravel Bed - 6" Deep

12" x 10" Reducer, Fig. 10" D.I. Nipple, P.E. X Fig. 12" Long

2 - 1/4" Bends, M.J.
4 - Retainer Glands

12" x 10" Reducer, Fig.

12" D.I. Nipple, Fig. x P.E. 18" Long

5" x 15" x 7" Concrete Blocks

12" D.I. Nipple, P.E. x P.E. Min. 16" Long

4' x 8' x 3' RECTANGULAR CONCRETE VAULT (TRAFFIC BEARING LOCATION)

APPROVED

REVISED

AUGUST 1998



DECEMBER 2001

PROPERTY OF
SAN ANTONIO WATER SYSTEM
SAN ANTONIO, TEXAS

10" X 12" DETECTOR CHECK FOR FIRE LINE

DD-824-18

SHEET
2 OF 2