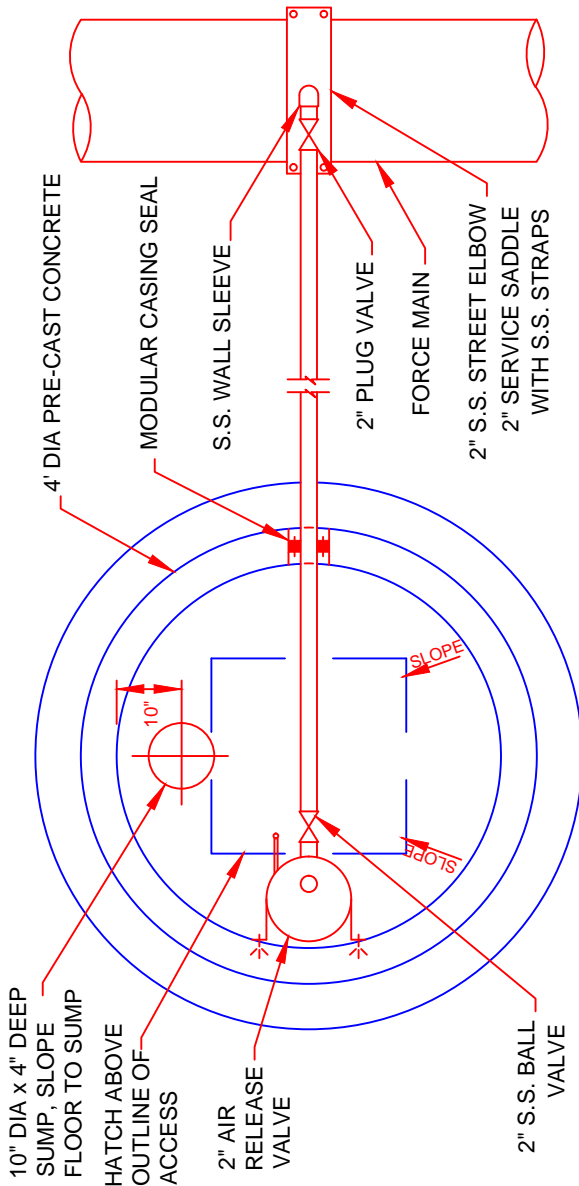


PUBLIC WORKS & UTILITIES ENGINEERING & DESIGN STANDARDS



PLAN VIEW

NOTES:

1. ALL MOUNTING HARDWARE, FASTENERS, PIPING, VALVES, AND OTHER ITEMS WITHIN VAULT SHALL BE STAINLESS STEEL, UNLESS SPECIFIED OR NOTED BY OTHERS.
2. LOCATION OF VAULT MAY BE DIRECTLY OVER MAIN IF CONDITIONS ALLOW.
3. RECOMMENDED OPENING TO BE CORED AFTER INSTALLATION.
4. ONLY ARI MODEL D-025 COMBINATION AIR VALVE FOR SEWAGE SHORT VERSION 2" THREADED / STAINLESS STEEL 316, 250 PSI WORKING PRESSURE - TESTED TO 350 PSI OR EQUAL SHALL BE USED. SUBSTITUTIONS SHALL BE CONSIDERED FOR APPROVAL BY THE CITY ENGINEER AND CHIEF LIFT STATION OPERATOR.

30" x 30" TYPE CPS ALUMINUM HATCH WITH "AIR" CAST IN LID. H-20 LOAD RATING REQUIRED IF IN PAVEMENT.

AS REQUIRED FOR GRADE

4' DIA. PRE-CAST CONCRETE VAULT WALLS & TOP SLAB

2" AIR RELEASE VALVE

2" S.S. BALL VALVE

AS REQUIRED (MAX. 4')

GROUT FILL

10" DIA x 4" DEEP SUMP, SLOPE FLOOR TO SUMP

FOUNDATION STABILIZATION WHEN DIRECTED BY THE CITY ENGINEER

6" CURB

2 #4 BARS

#4 @ 12"

APPLY 2 COATS CARBOLINE 300M TO INTERIOR CONCRETE SURFACES AND HATCH. 8 DFT PER COAT MIN.

MODULAR CASING SEAL AND S.S. WALL SLEEVE (SEE NOTE 3.)

2" S.S. PIPE, SLOPED UP TO AIR RELEASE VALVE

2" SERVICE SADDLE WITH S.S. STRAPS

10"

#6 @ 12"

2" PLUG VALVES SHALL BE DEZURIK SERIES 100 (TYPICAL FOR ALL ASSEMBLY PLUG VALVES)

SECTION VIEW



CITY OF ALTAMONTE SPRINGS
950 CALABRIA DRIVE
ALTAMONTE SPRINGS, FLORIDA 32714

AIR RELEASE VALVE ASSEMBLY

SS006-2

ISSUED 2017

REVISED 03/01/2017 BY DJB