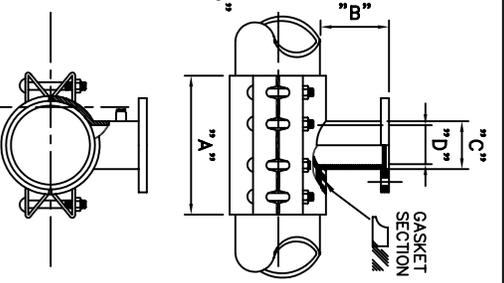
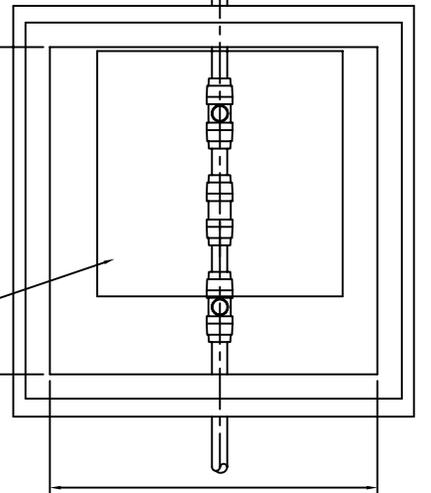


PLAN



MATERIAL SPECIFICATIONS
 BODY - ASTM 283 GRADE C
 BOLTS - ANSI A21.11 STAINLESS STEEL 18-8 TYPE 304
 FLANGE - AWWA C207 CLASS D, ANSI 150 LB. DRILLING, RECESSED FOR TAPPING VALVE MSS-SP 60 USE WITH WATER, SALT SOLUTIONS, MILD ACIDS, AND BASES.
 FINISH - FUSION APPLIED EPOXY COATING
 SERVICE RATING: 4\"/>

FLANGE SIZE	A	B	C	D	NUMBER OF BOLTS	SIZE OF BOLTS
3	12	5	4-1/32	3	6	3/4
4	12	5	5-1/32	4	6	3/4
6	12	5	7-1/32	6	6	3/4
8	16	5-1/8	9-1/32	8	8	3/4
10	20	5-1/2	11-1/16	10	10	3/4
12	20	5-3/4	13-1/16	12	10	3/4

NOTES:

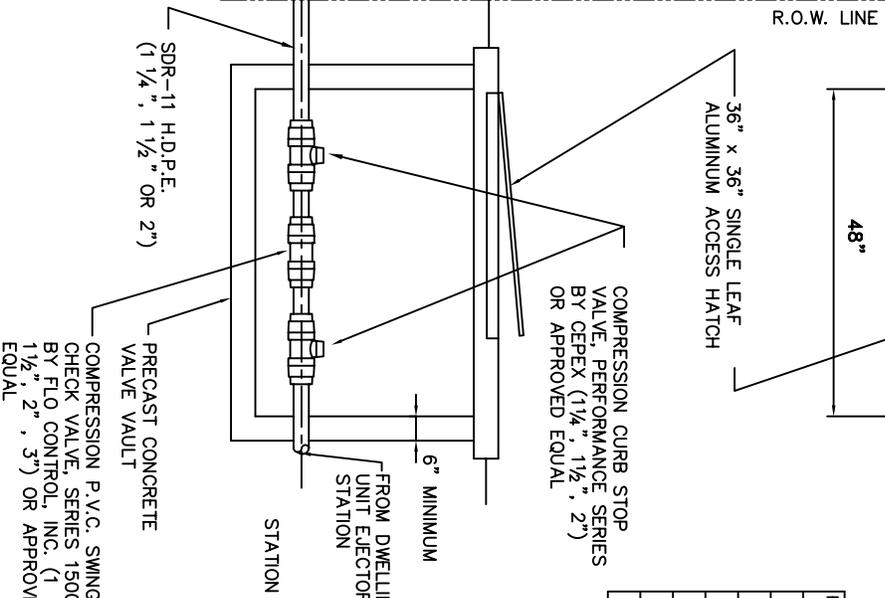
1. ALL UNIT EJECTOR STATIONS ARE TO BE EQUIPPED WITH A BACKFLOW PREVENTOR.
2. ALL GATE VALVES SHALL BE SUPPLIED WITH COVER AND FOLLOWER PLATE NUTS AND BOLTS CONSTRUCTED OF 316 STAINLESS STEEL.
3. H.D.P.E. SHALL BE SDR-11.
4. ALL DUCTILE IRON PIPE AND FITTINGS SHALL BE ENCASED WITH POLYETHYLENE IN ACCORDANCE WITH ANSII/AWWA C105/A21.5.
5. LOCATOR WIRE SHALL BE INSTALLED FOR ALL H.D.P.E. PIPE TO ENABLE DETECTION BY A RADIO FREQUENCY CABLE AND PIPE LOCATOR. SEE LOCATOR WIRE NOTES FOR ADDITIONAL INFORMATION.

LOCATOR WIRE:

- a. LOCATOR WIRE SHALL BE MINIMUM #9 AWG SUITABLE FOR DIRECT BURIAL RATED AT 600 VAC.
- b. LOCATOR WIRE SHALL BE PLACED ON THE TOP SIDE OF THE H.D.P.E. PIPE. WIRE SHALL BE ATTACHED TO THE PIPE USING NYLON CABLE TIES SPACED AT 10 FOOT INTERVALS.
- c. LOCATOR WIRE SHALL BE CONTINUOUS ALONG ENTIRE LENGTH OF PIPE. HEAT SHRINK SPLICE KITS SHALL BE USED WHERE WIRE SECTIONS NEED TO BE SPLICED.
- d. LOCATOR WIRE ENDS SHALL BE TERMINATED AT THE VALVE BOX AND CURB STOP PIT USING A COPPER SET SCREW LUG ATTACHED TO THE VALVE BOX AND THE CURB STOP PIT.

* IF FORCE MAIN IS LESS THAN 2", THEN AN ADDITIONAL SDR-11 H.D.P.E. IPS REDUCER WILL BE REQUIRED. USE 2 X 1 1/4" OR 2 X 1 1/2", AND CONNECT TO FORCE MAIN USING A 1 1/4" OR 1 1/2" COMPRESSION COUPLING

SECTION



2" COMPRESSION COUPLING PROVIDED BY J.P. McELVENNY CO., INC. OR APPROVED EQUAL
 4" MINIMUM
 2" SDR-11 H.D.P.E.*
 INDEPENDANT PIPE PRODUCTS (2"-24") OR APPROVED EQUAL
 CONC. SUPPORT
 JCM MODEL 412 TAPPING SLEEVE (2"-12") OR APPROVED EQUAL
 MUELLER T-2360-16 GATE VALVE M.U. X FL. (2"-12") W/TYPE 316 S.S. FASTENERS OR APPROVED EQUAL
 36" x 36" SINGLE LEAF ALUMINUM ACCESS HATCH
 COMPRESSION CURB STOP VALVE, PERFORMANCE SERIES BY CEPEX (1 1/4", 1 1/2", 2") OR APPROVED EQUAL
 6" MINIMUM
 FROM DWELLING UNIT EJECTOR STATION
 STATION
 PRECAST CONCRETE VALVE VAULT
 SDR-11 H.D.P.E. (1 1/4", 1 1/2" OR 2")
 COMPRESSION P.V.C. SWING CHECK VALVE, SERIES 1500 BY FLO CONTROL, INC. (1 1/2", 2", 3") OR APPROVED EQUAL

BY	DATE	REVISIONS

**TOWNSHIP OF FLORENCE
 WATER & SEWER DEPARTMENT**

**EJECTOR STATION
 CONNECTION TO EXISTING
 FORCE MAIN**

DATE: **6/06**
 DWN BY: **14**