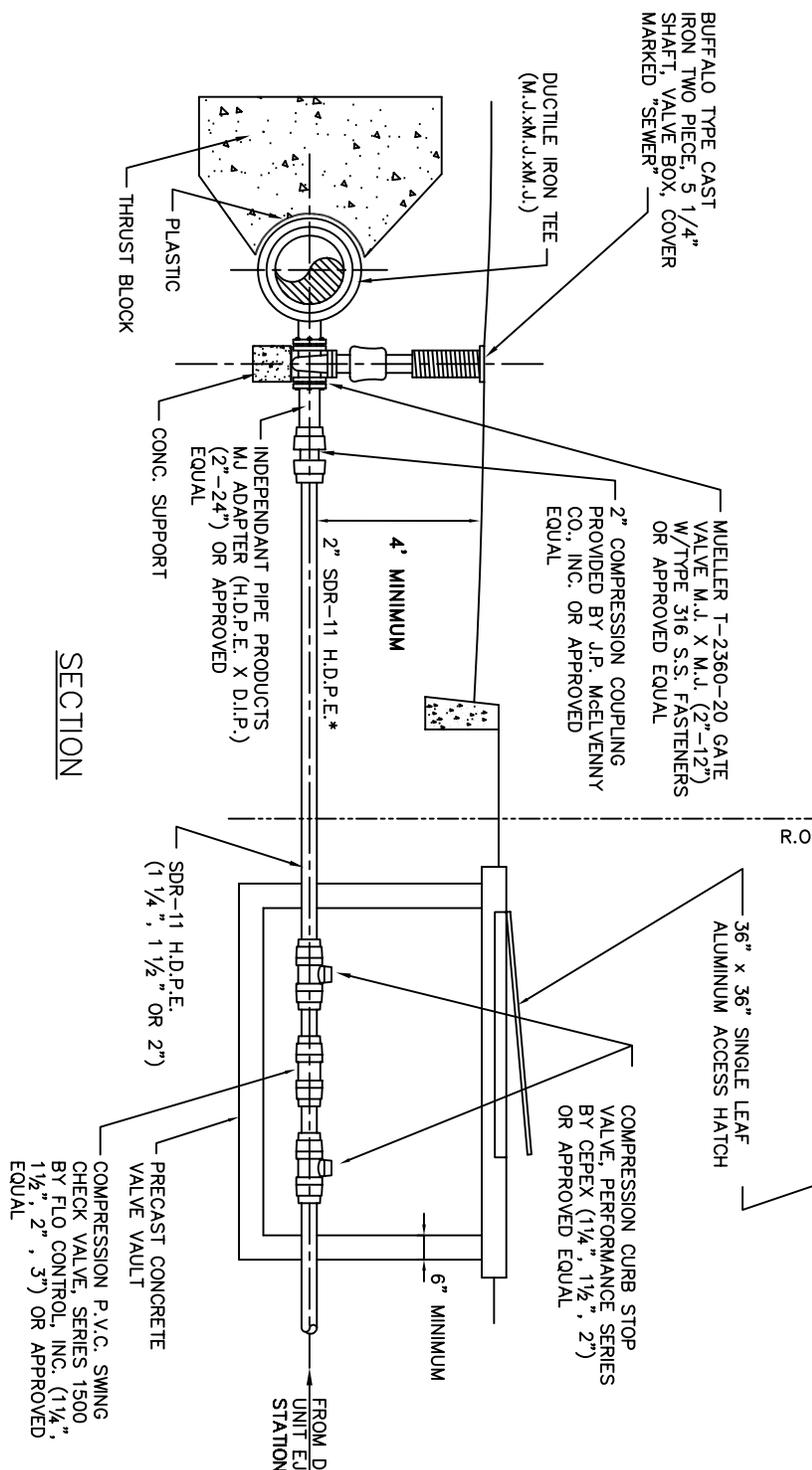


- NOTES:**
1. ALL UNIT EJECTOR STATIONS ARE TO BE EQUIPPED WITH A BACKFLOW PREVENTOR.
 2. ALL GATE VALVES SHALL BE SUPPLIED WITH COVER AND FOLLOWER PLATE NUTS AND BOLTS CONSTRUCTED OF 316 STAINLESS STEEL.
 3. H.D.P.E. SHALL BE SDR-11.
 4. ALL DUCTILE IRON PIPE AND FITTINGS SHALL BE ENCASED WITH POLYETHYLENE IN ACCORDANCE WITH ANSI/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

BY DATE	REVISIONS	TOWNSHIP OF FLORENCE WATER & SEWER DEPARTMENT	EJECTOR STATION CONNECTION TO PROPOSED FORCE MAIN	DATE :	6/06
				DWN BY :	