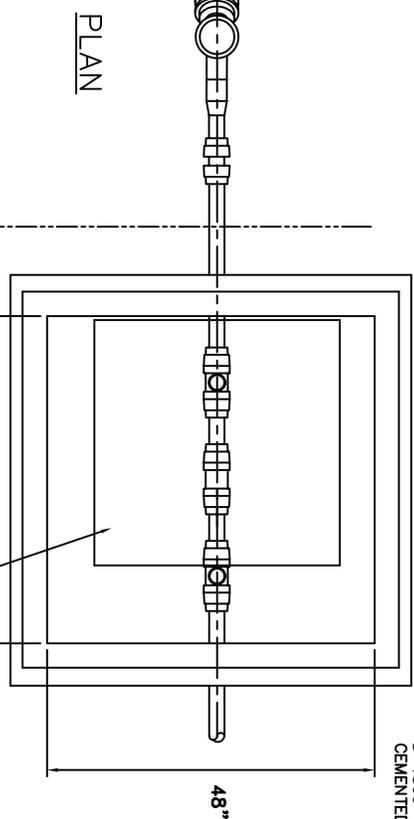


LOCATOR WIRE:

- LOCATOR WIRE SHALL BE MINIMUM #9 AWG SUITABLE FOR DIRECT BUREL RATED AT 600 VAC.
- 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.
- LOCATOR WIRE SHALL BE CONTINUOUS ALONG ENTIRE LENGTH OF PIPE. HEAT SHRINK SPRUCE KITS SHALL BE USED WHERE WIRE SECTIONS NEED TO BE SPLICED.
- 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.



SADDLE SUPPLIED W/ASTM D-1869-66 RUBBER O-RING CEMENTED IN PLACE

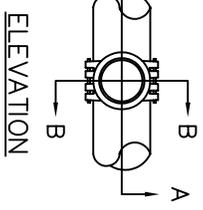
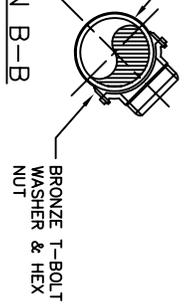
CAST IRON SADDLE CONFORMS TO ASTM SPEC. A-48 CLASS 35 AND IS TO BE COATED WITH BLACK ASPHALTUM TYPE PAINT

SECTION A-A

ENCASE WITH POLYETHYLENE (SEE NOTE 8)

TWO (2), 24 GA. STAINLESS STEEL STRAP

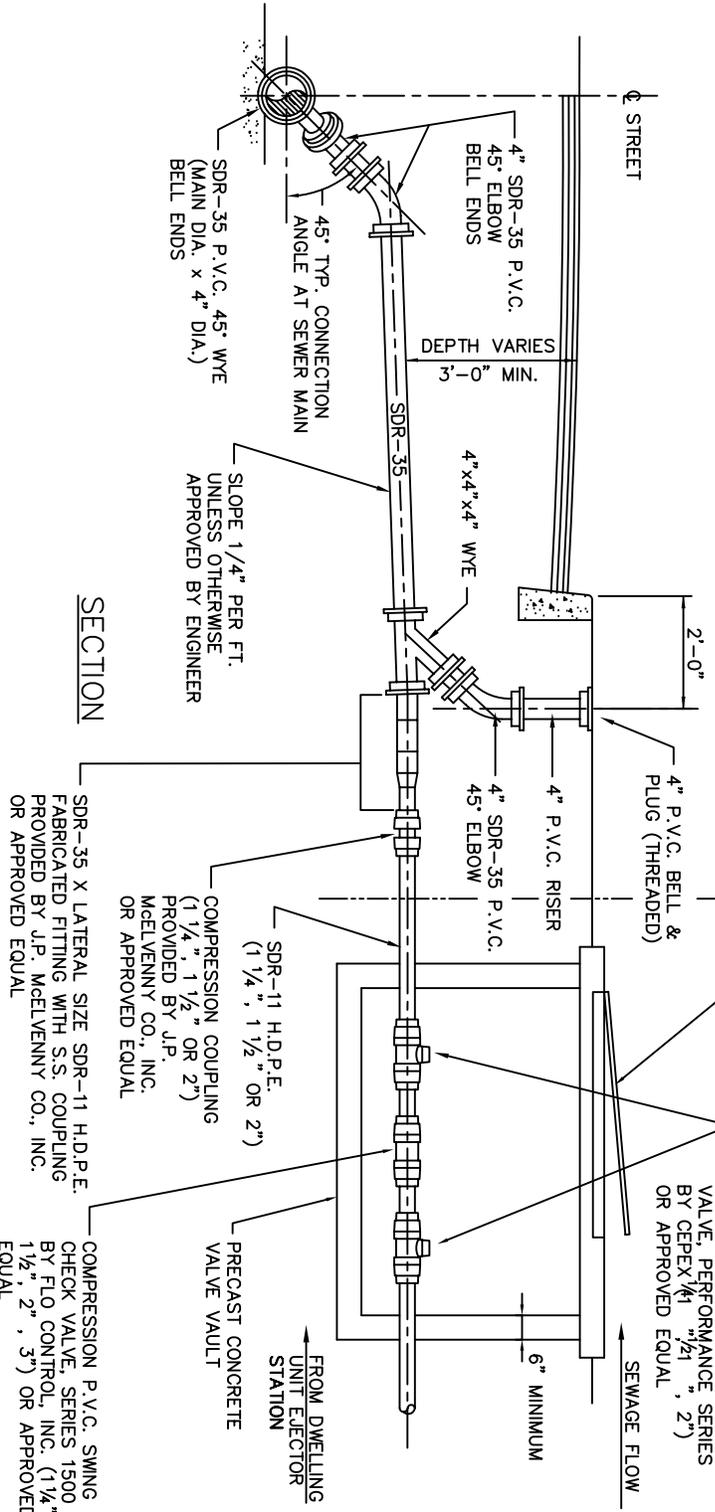
SECTION B-B



TWO STRAP SADDLE

NOTES:

- ALL UNIT EJECTOR STATIONS ARE TO BE EQUIPPED WITH A BACKFLOW PREVENTOR.
- ALL GATE VALVES SHALL BE SUPPLIED WITH COVER AND FOLLOWER PLATE NUTS AND BOLTS CONSTRUCTED OF 316 STAINLESS STEEL.
- WHERE PLUG IS PROVIDED ON RISER CLEANOUT, IT SHALL CONTAIN MAGNETIC MATERIAL SO THAT IT MAY BE LOCATED WITH A METAL DETECTOR.
- CLEANOUTS SHALL NOT BE LOCATED IN SIDEWALKS OR DRIVEWAYS.
- CLEANOUTS REQUIRED EVERY 50' OR AT CHANGE IN DIRECTION.
- FOR CONNECTION INTO AN EXISTING GRAVITY MAIN USE A TWO STRAP SADDLE. SEE DETAIL.
- H.D.P.E. SHALL BE SDR-11.
- ALL DUCTILE IRON PIPE AND FITTINGS SHALL BE ENGAGED WITH POLYETHYLENE IN ACCORDANCE WITH ANSI/AWWA C105/A21.5.
- 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.



SECTION

SDR-35 X LATERAL SIZE SDR-11 H.D.P.E. FABRICATED FITTING WITH S.S. COUPLING PROVIDED BY J.P. McELVENNY CO., INC. OR APPROVED EQUAL

COMPRESSION P.V.C. SWING CHECK VALVE, SERIES 1500 BY FLO CONTROL, INC. (1 1/2", 1 1/2", 2", 3") OR APPROVED EQUAL

BY	DATE	REVISIONS

TOWNSHIP OF FLORENCE WATER & SEWER DEPARTMENT

EJECTOR STATION CONNECTION TO GRAVITY MAIN

DATE:	6/06
DWN BY:	
	12