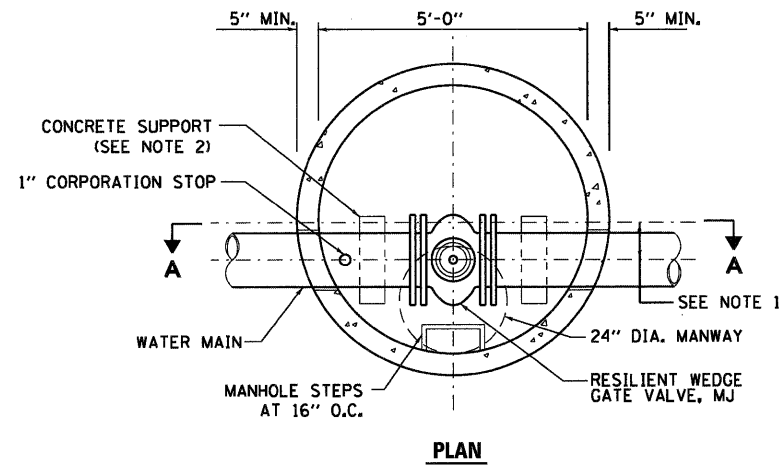


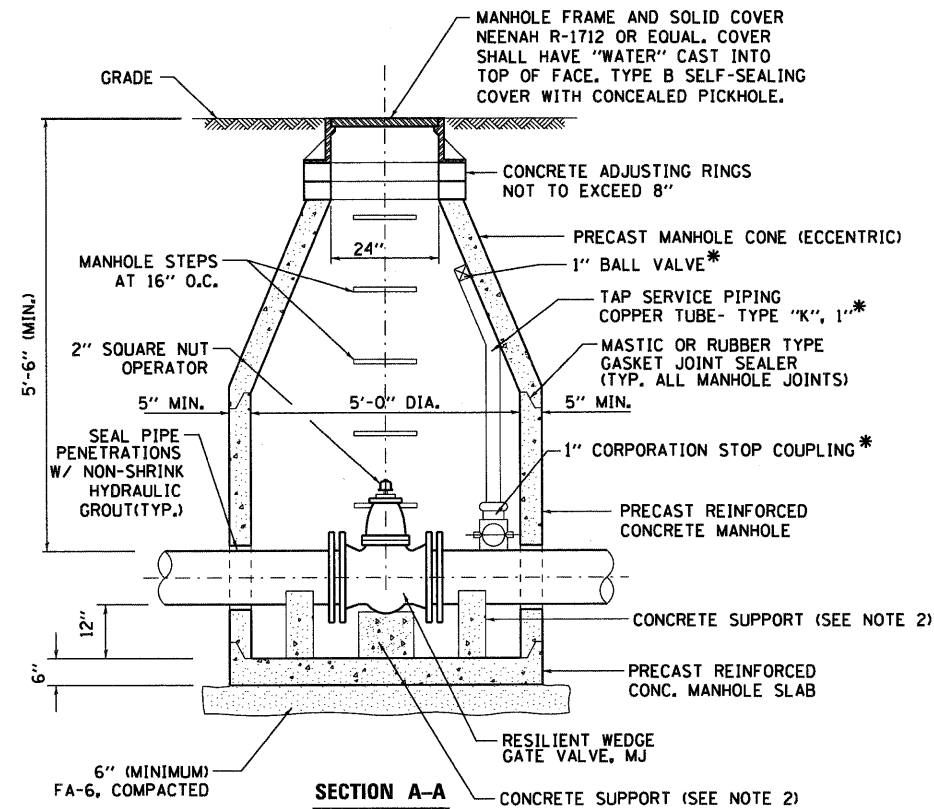
WATER MAIN SCHEDULE

SHEET	STATION	DESCRIPTION
WTR-01	10+16.7	CONNECTION TO EXISTING WATER MAIN WITH 12" SLEEVE (MJ)
WTR-01	10+62.7	12" GATE VALVE IN VAULT
WTR-01	11+78.1	12"-45° BEND (MJ)
WTR-01	11+88.3	12"-45° BEND (MJ)
WTR-01	12+00.0	12" TEE (MJ) AND PLUG (MJ)
WTR-01	13+19.0	12" GATE VALVE IN VAULT
WTR-01	13+25.5	12" X 6" TEE (MJ), 32' OF 6" DIP, 12"-45° BEND (MJ), AND HYDRANT
WTR-01	13+44.3	12" TEE (MJ) AND PLUG (MJ)
WTR-01	14+36.2	2" CORPORATION STOP IN VAULT
WTR-01	21+83.9	12"-45° BEND
WTR-01	21+88.6	12"-45° BEND
WTR-01	22+15.3	2" CORPORATION STOP IN VAULT
WTR-02	28+15.0	2" CORPORATION STOP IN VAULT
WTR-02	29+53.3	12" X 10" TEE (MJ), 10" GATE VALVE IN VAULT, 39' OF 10" DIP, AND CONNECTION TO EXISTING WATER MAIN WITH 10" SLEEVE (MJ)
WTR-02	30+88.0	12" X 6" TEE (MJ), 26' OF 6" DIP, AND HYDRANT
WTR-02	30+94.0	12" GATE VALVE IN VAULT
WTR-02	31+32.6	12"-22.5° BEND (MJ)
WTR-02	31+73.3	CONNECTION TO EXISTING WATER MAIN WITH 12" SLEEVE (MJ)



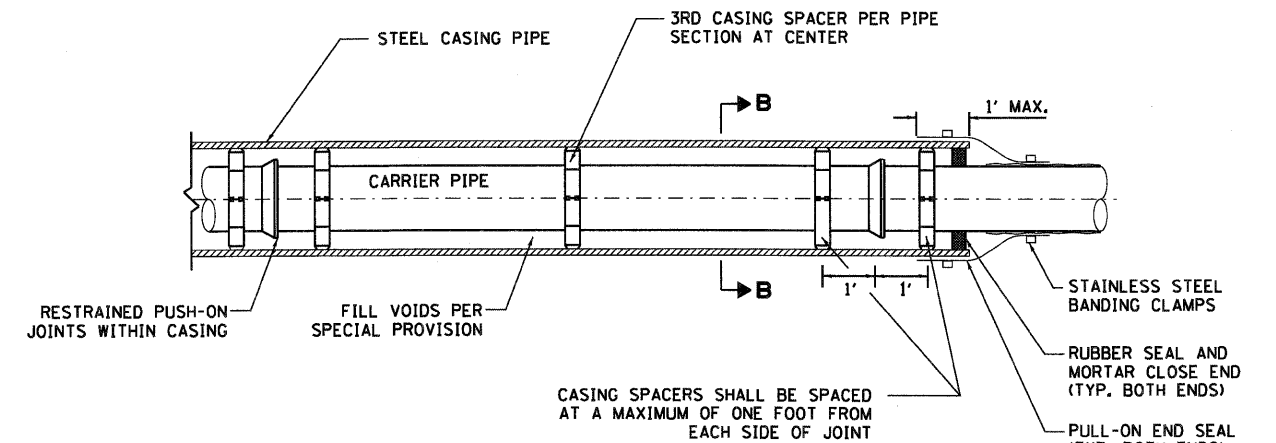
NOTES:

1. INSTALL VALVE SO THAT VALVE OPERATING NUT CAN BE OPERATED FROM GRADE USING A VALVE KEY OR T-WRENCH THROUGH MANWAY.
2. INSTALL 1/2" P.J.F. MATERIAL BETWEEN CONCRETE SUPPORT, PIPE, AND APPURTENANCES AT ALL LOCATIONS.
3. VALVES SHALL HAVE MECHANICAL JOINTS AND 2-INCH SQUARE NUT OPERATORS. GATE VALVES SHALL BE RESILIENT WEDGE TYPE, MODEL 2639, MANUFACTURED BY CLOW VALVE; OR APPROVED EQUAL.



GATE VALVE IN VAULT DETAIL  
NOT TO SCALE

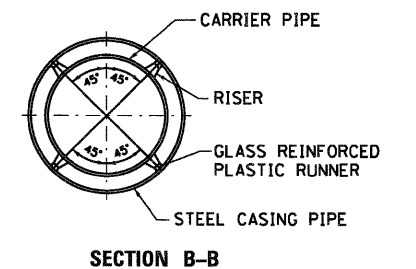
\* FOR MANUAL AIR RELEASE ASSEMBLY



CASING PIPE DETAIL  
NOT TO SCALE

BORING AND JACKING NOTES:

1. JACKING AND BORING OPERATIONS AND CASING PIPE SHALL MEET THE REQUIREMENTS OF THE PROJECT SPECIAL PROVISIONS.
2. ACCESS PITS SHALL BE LOCATED A MINIMUM 10 FEET FROM THE ROADWAY EDGE OF PAVEMENT AND BE LOCATED OUTSIDE OF THE I.D.O.T. HIGHWAY RIGHT-OF-WAY.
3. SHORING SHALL BE INSTALLED IMMEDIATELY DURING THE EXCAVATION OF ACCESS PITS AND SHALL CONFORM TO OSHA STANDARDS FOR TRENCH PROTECTION.
4. SHORING SHALL BE DESIGNED, ERECTED, SUPPORTED, BRACED, AND MAINTAINED SUCH THAT IT WILL SAFELY SUPPORT ALL VERTICAL AND HORIZONTAL LOADS DURING CONSTRUCTION OPERATIONS.
7. OPEN ACCESS PITS SHALL BE CLEARLY MARKED AND REMAIN PROTECTED WITH TEMPORARY CONCRETE BARRIERS AT ALL TIMES.
8. BACKFILL ACCESS PITS WITH CA-6 AND COMPACT.



SECTION B-B