NO SCALE

VERSION

1.0

DATE

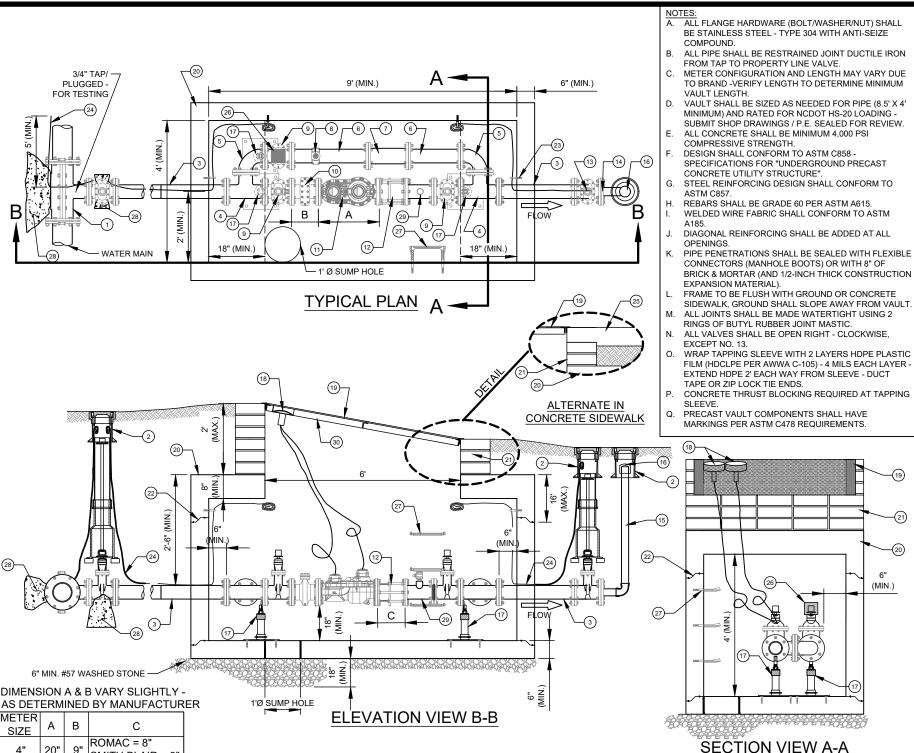
04/2024

DETAIL

15.4.6

## DESCRIPTION: NO.

- 4" TAPPING SLEEVE AND 4" FLANGE X MJ TAPPING VALVE ON EXISTING MAIN. 4" MJ TEE. 4" FOSTER ADAPTOR, AND 4" MJ GATE VALVE ON NEW MAIN.
- STANDARD VALVE BOX ASSEMBLY (TYP.) ALL VALVES.
- FLANGE X PLAIN END DUCTILE IRON PIPE L = 30" (MIN.) (SPECIAL CLASS 53).
- FLANGE DUCTILE IRON TEE WITH ADJUSTABLE FLANGE SUPPORT.
- FLANGE DUCTILE IRON 90° BEND.
- FLANGE X PLAIN END DUCTILE IRON PIPE 2 EA. LL = 62" (MIN. SPECIAL CLASS 53).
- MJ LONG PATTERN SOLID SLEEVE WITH RESTRAINED JOINTS.
- 3/4" BALL CORPORATION STOP WITH TAPPING SADDLE.
- FLANGE GATE VALVE; WITH 2" OPERATING NUT OPEN RIGHT AND WITH ADJUSTABLE FLANGE SUPPORT ON BYPASS VALVE.
- 10. FLANGE STRAINER.
- FLANGE COMPOUND METER ASSEMBLY W/AMR TRANSMITTERS. METER CONFIGURATION MAY VARY DUE TO BRAND SUPPLIED.
- 4" DISMANTLING JOINT (RESTRAINED) ROMAC DJ400 -LL = 7" TO 9", SET TO 8", OR SMITH-BLAIR #975 - 8" TO 10" SET TO 9". - FL X FL - (L = 10" OR 9" - EXTENDED) SMITH BLAIR #975 OR ROMAC #DJ400 WITH STAINLESS STEEL TIE RODS/HARDWARE.
- MECHANICAL JOINT (RJ) GATE VALVE 2" OPERATING NUT - OPEN LEFT AT PROPERTY LINE.
- MECHANICAL JOINT PLUG WITH 2" TAP.
- TEMP. 2" PIPE GALVANIZED STEEL (SCH 80) WITH STANDARD VALVE BOX/CONCRETE PAD.
- TEMP. 2" THREADED COUPLING.
- ADJUSTABLE FLANGE PIPE SUPPORTS (3 REQUIRED)
- AMR TRANSMITTERS.
- 19. 4' X 6' DOUBLE-LEAF ACCESS DOOR, SEE STANDARD DETAIL
- PRECAST REINFORCED CONCRETE VAULT.
- 21. MINIMUM OF (3) STANDARD SOLID CONCRETE BRICK COURSES UNDER ACCESS DOOR FRAME, MAXIMUM 2'.
- JOINT REQUIRED AT FLAT TOP SECTION.
- 23. 3/8" DIA. GALV. STEEL EYE BOLT (ADHESIVE ANCHOR) TYPICAL.
- 24. AWG #12 GAUGE SOLID COPPER TRACER WIRE - WITH 30 MILS BLUE HDPE INSULATION -TERMINATE WITH 24" EXCESS WIRE (COILED) AT EYE BOLT AND VALVE BOX (TYPICAL).
- CAST IN PLACE CONCRETE SIDEWALK BRICKWORK SHALL NOT EXTEND TO SURFACE. ACCESS DOOR FRAME SHALL REST ON SIDEWALK.
- VALVE LOCK AND WARNING TAG (FURNISHED BY CLTW) - LOCK VALVE CLOSED.
- PLASTIC STEP 12" VERTICAL SPACING.
- CONC. THRUST BLOCKING 3,600 PSI.
- 4" EPOXY COATED/LINED STEEL FL X FL SPOOL WITH 2" FNPT TEST OUTLET - LL = 12" (MARS CO) AND 2" BALL CORPORATION STOP WITH T-HEAD OPERATING NUT -MNPT X FNPT.
- ATTACH ENGRAVED LABEL, WITH PREMISE NUMBER, TO UNDERSIDE OF DOOR, NEAR THE LIFTING HANDLE.



20" 9"

SMITH BLAIR = 9"