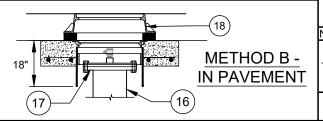


NO. DESCRIPTION:

- 1. RUN X 12" TEE (MJ MJ) ROTATE DOWN 56°.
- 2. 12" 45° BEND (MJ PE).
- 12" 11 1/4° BEND (MJ PE).
- 4. 12" DIP (PE-PE) LÈNGTHS AS REQ'D.
- 5. 12" GATE VALVE (MJ MJ).
- 6. 12" 90° BEND (MJ MJ) VERTICAL.
- 7. 12" X 12" X 8" TEE (MJ MJ) VERTICAL.
- B. 8" GATE VALVE (MJ MJ).
- . 8" DIP (PE-PE) LÈNGTHŚ AS REQ'D
- 0. 12" 90° BEND (MJ MJ) HORIZONTAL MAY BE DELETED FOR STRAIGHT INSTALLATION.
- HIGH VELOCITY HYDRANT PAINTED OSHA SAFETY BLUE. INSTALLATION PER THE FIRE HYDRANT STD DETAIL.
- STANDARD VALVE BOX ASSEMBLY W/VALVE EXTENSION / STEM (AS REQUIRED) PER CLTW STANDARD DETAILS.
- 13. REINFORCED CONCRETE VALVE PAD 24" DIA.
- 14. #57 WASHED STONE AT FH BASE 10 CUBIC FEET.
- 15. #57 WASHED STONE TYPE II BEDDING FOR PIPE & COMPLETE VERTICAL PIPE ENCASEMENT TO UNDERSIDE OF FRAME AND COVER.
- 16. 12" DIP FLANGE X PLAIN END.
- BLIND FLANGE TAPPED WITH A 2" BALL CORPORATION STOP.
- 18. 20.5" CLEAR OPENING MANHOLE FRAME AND COVER.
- 19. PRECAST CONCRETE PAD (REINFORCED).
- 20. AWG #12 GAUGE SOLID COPPER TRACER WIRE WITH 30 MILS BLUE HDPE INSULATION, TERMINATE WITH 24 INCH EXCESS WIRE (COILED) AT VALVE BOX (TYP.).
- 21. FOSTER ADAPTOR.

NOTES:

- ALL FITTINGS SHALL BE FACTORY RESTRAINED JOINTS OR RMJ FITTINGS WITH FOSTER ADAPTERS.
- B. ALL FLANGED HARDWARE (BOLT/WASHER/NUT) SHALL BE TYPE 304 STAINLESS STEEL WITH ANTI SEIZE COMPOUND.
- C. 90° BEND NO. 10 MAY BE OMITTED FOR STRAIGHT INSTALLATION.
- D. TEE NO. 7 MAY BE ROTATED 90° FOR HORIZONTAL ALIGNMENT WITH FH NO. 11 AT ROAD RIGHT-OF-WAY.
- SEE CONSTRUCTION PLANS FOR EXACT LOCATIONS OF VALVES, CLTW ACCESS POINT, AND FIRE HYDRANT.
- F. HYDRANT EXTENSIONS SHALL BE LIMITED TO ONE EACH PER FIRE HYDRANT.
- G. SEE FIRE HYDRANT STD DETAIL FOR INSTALLATION REQUIREMENTS.



WATER

CHARLOTTE WATE
A CITY OF CHARLOTE DEPARTME
STANDARD DETAILS
WATER

12" BLOW-OFF ASSEMBLY (24" - 64" MAINS) MANUAL STAND PIPE WITH FIRE HYDRANT

NO SCALE VERSION

1.0 DATE 04/2024

DETAIL 10.5.2