



- NO. DESCRIPTION:**
1. RUN X 12" TEE (MJ - MJ) - ROTATE DOWN 56°.
 2. 12" 45° BEND (MJ - PE).
 3. 12" 11 1/4" BEND (MJ - PE).
 4. 12" DIP (PE-PE) LENGTHS 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.
 8. 8" GATE VALVE (MJ - MJ).
 9. 8" DIP (PE-PE) LENGTHS AS REQ'D.
 10. 12" 90° BEND (MJ - MJ) - HORIZONTAL - MAY BE DELETED FOR STRAIGHT INSTALLATION.
 11. HIGH VELOCITY HYDRANT PAINTED OSHA SAFETY BLUE. INSTALLATION PER THE FIRE HYDRANT STD DETAIL.
 12. 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.
 17. 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:**
- A. 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.
 - E. 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.