1. RUN X 12" TEE (MJ - MJ) - ROTATE DOWN 56°.
2. 12" 45° BEND (MJ-PE)
3. 12" 90° 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 6" TEE (MJ-MJ) - VERTICAL.
8. 6" GATE VALVE (MJ-MJ) (SEE PLANS - FOR LOCATION).
9. 6" DIP (PE-PE) LENGTHS AS REQ'D.
10. 12" 90° BEND (MJ-MJ) - HORIZONTAL - MAY BE DELETED FOR STRAIGHT INSTALLATION.
11. STANDARD HYDRANT PAINTED OSHA SAFETY BLUE.
12. STANDARD VALVE BOX ASSEMBLY INVOLVE.
13. REINFORCED CONCRETE VALVE PAD - 24" DIA.
14. # 57 OR # 67 WASHERED STONE AT FH BASE - 10 CUBIC FEET.
15. # 57 OR # 67 WASHED STONE - TYPE # BEDDING FOR PIPE, & COMPLETE VERTICAL PIPE ENCLOSING TO 6" ABOVE BLIND FLANGE.
16. 12" D.P. - FLANGE x P.E.
17. 12" BLIND FLANGE.
18. 30" x 30" x 6" REINFORCED CONCRETE PAD - # 4 REBAR @ 6 O.C. EACH WAY. LOCATION MARKER KPRINT WITH "CMUD ACCESS".
19. "J" - RAIL MARKER POST - BLUE TO SIGNIFY WATER (RINCE OR APPROVED EQUAL).
20. AWG # 12 GAUGE COPPER TRACER WIRE (THWN)

NOTES:
A. ALL PIPE FITTINGS, ETC., SHALL BE RESTRAINED JOINT OR MJ WITH WEDGE ACTION RESTRAINT.
B. ALL FLANGED HARDWARE (BOLT / WASHER / NUT) SHALL BE TYPE 304 STAINLESS STEEL WITH ANTI-SEIZE COMPOUND.
C. 90° BEND MAY BE OMITTED FOR STRAIGHT INSTALLATION.
D. TEE MAY BE ROTATED 90° FOR HORIZONTAL ALIGNMENT WITH FH AT ROAD RIGHT-OF-WAY.
E. SEE CONSTRUCTION PLANS FOR EXACT LOCATIONS OF VALVES, CMUD ACCESS POINT, AND FIRE HYDRANT.
F. HYDRANT EXTENSIONS SHALL BE LIMITED TO 1 EACH PER FIRE HYDRANT.