NOTES:
A. NO BRANCHES, OUTLETS OR TAPS SHALL BE PERMITTED BETWEEN 1 AND 5.
B. RP BACKFLOW ASSEMBLY MUST BE TESTED AND APPROVED BY CMU.
C. APPROVED PERTA PRIOR TO MOVING ANY WATER TO THE NEW MAIN.
D. FLEXIBLE HOSE 10 SHALL BE REMOVED AFTER PRESSURE / LEAKAGE TESTS.
E. CMU FURNISHED PRESSURE GAUGE 14 AND METER 18, 20 SHALL BE REMOVED AFTER CHLORINATION.
F. CMU METER SHALL BE INSTALLED AT PRIMARY LOCATION 22 AS SHOWN. UNLESS SPECIFICALLY APPROVED AT ALTERNATE LOCATION 1.
G. CMU PRESSURE GAUGES SHALL BE INSTALLED AT LOWEST POINT IN NEW MAIN AND AT OPPOSITE END OF NEW MAIN.
H. CMU PRESSURE GAUGE 14 AND METER 18, 20 SHALL BE INSTALLED WHILE NEW MAIN IS NOT UNDER PRESSURE. MAIN SHALL THEN BE PUMPED UP TO TEST PRESSURE.
I. BRANCH PIPING TO AND FROM TANK AND INJECTOR PUMP SHALL BE SIZED AS DETERMINED BY CONTRACTOR.
J. ALL WATER USED TO FILL, FLUSH, CHLORINATE, DE-CHLORINATE, REFRESH, OR ACTIVATE NEW MAIN SHALL PASS THROUGH TURBINE METER 22.
K. CMU INSPECTOR AND CONTRACTOR SHALL READ AND RECORD METER READING WHEN INSTALLED AND PRIOR TO REMOVAL OF METER 22.
L. DURING COLD WEATHER MONTHS, PROVIDE FREEZE PROTECTION AS NECESSARY.

NO. DESCRIPTION
1. EXISTING BLOW-OFF ASSEMBLY AND CONTROL VALVE ON EXISTING WATER MAIN
2. 2" OR 4" RIGID HARD PIPING
3. BALL VALVE (OPTIONAL)
4. 2" OR 4" TURBINE METER (GALS)
5. CMU APPROVED 2" OR 4" REDUCED PRESSURE PRINCIPLE BACKFLOW PREVENTION ASSEMBLY.
6. RIGID MECHANICAL SUPPORT
7. QUICK CONNECT COUPLING
8. FLEXIBLE HOSE WITH QUICK CONNECT COUPLINGS
9. TEE
10. 300 PSI IN LINE SPRING LOADED CHECK VALVE (OPTIONAL)
11. 300 PSI BALL VALVE
12. CROSS WITH 1/4" OUTLET
13. 300 PSI BRASS (OR STAINLESS STEEL) 1/4" QUICK CONNECT COUPLER (FEMALE)
14. CMU FURNISHED 300 PSI PRESSURE GAUGE WITH BRASS (OR STAINLESS STEEL) 1/4" COUPLER PLUG (MALE)
15. TEMPORARY BLOW-OFF ASSEMBLY AND CONTROL VALVE ON NEW WATER MAIN
16. FLEXIBLE HOSE
17. TANK - LIQUID CHLORINE (DURING CHLORINATION) OR FRESH WATER (DURING PRESSURE / LEAKAGE TEST).
18. SUCTION PIPE (FLEXIBLE HOSE OR INSIDE PIPE)
19. CMU FURNISHED 5/8" METER (GALS) - (PRIMARY LOCATION)
20. CMU FURNISHED 5/8" METER (GALS) - (ALTERNATE LOCATION)
21. INJECTOR PUMP

LEGEND
= FLEXIBLE HOSE

NEW WATER MAIN JUMPER
SCHEMATIC FOR 2" - 24" MAINS