



TYPICAL LOCATION SCHEMATIC FOR LARGER MAINS
N.T.S.

- | NO. | DESCRIPTION: |
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| 1. | VERIFY THRUST RESTRAINT AND IMPROVE AS NECESSARY. |
| 2. | EXISTING WATER MAIN. |
| 3. | EXISTING MAINLINE VALVE. |
| 4. | GATE VALVE AND VALVE BOX REQUIRED IF EXISTING STUB OUT HAS BEEN ACTIVATED. |
| 5. | 24" PVC PIPE OR PRECAST CONC. GRADE RINGS. |
| 6. | FRAME AND COVER. |
| 7. | WATERTIGHT CAPS REQUIRED WHEN RP IS NOT IN PLACE. |
| 8. | 4" TO 10" (VARIES WITH PIPE SIZE) REDUCED PRESSURE (RP) PRINCIPLE BACK FLOW PREVENTER. |
| 9. | WATER SOURCE CORPORATION STOP. |
| 10. | GATE VALVE AND VALVE BOX REQUIRED. |
| 11. | PROP. CONC. BLOCKING PER STD. DETAIL. |
| 12. | RESTRAINED JOINT REDUCER. |
| 13. | CLOSE WITH LONG PATTERN SOLID SLEEVE. |
| 14. | PIPE SPACERS AS REQUIRED MAX OPEN GAP IN PIPE IS 0.25 INCHES. |
| 15. | RESTRAINED JOINT REDUCERS. |
| 16. | CUT EXISTING PIPE - REMOVE BELL, PLUG AND BLOW OFF. |
| 17. | EXISTING CONC. BLOCKING ON 16" AND LARGER MAINS ONLY. |
| 18. | PUBLIC WATER MAIN. |
| 19. | PROPERTY LINE OR R/W. |
| 20. | CLTW REQUIRED BPA ABOVE GROUND. |
| 21. | CHLORINE INJECTION CORPORATION STOP. |

- NOTES:**
- THIS IS THE ONLY CONNECTION ALLOWED BETWEEN EXISTING WATER SYSTEM AND PROPOSED MAIN UNTIL ACTIVATION AND FINAL CONNECTIONS ARE APPROVED BY THE SEALING ENGINEER.
 - VALVES ON EXISTING WATER SYSTEM TO BE OPERATED BY CLTW EMPLOYEES ONLY.
 - ALL PIPE AND FITTINGS SHALL BE OF RESTRAINED JOINT TYPE AS DETERMINED BY THE CONTRACTOR. (PIPE SHOWN AS FLANGE FOR EASE OF DRAWING ONLY).
 - THIS DRAWING IS A SCHEMATIC FOR INTENT ONLY. PIPING AND CONFIGURATION MAY BE ALTERED BY THE CONTRACTOR, SUBJECT TO SEALING ENGINEER APPROVAL.
 - PIPE AND FITTINGS SHALL BE SAME SIZE AS REQUIRED RP.
 - REFER TO APPROPRIATE STANDARD DETAIL WITH NEW WATER MAIN JUMPER SCHEMATIC FOR MORE INFORMATION ON INSTALLING AN OPERATION OF THE JUMPER.
 - LARGE DIAMETER MAINS MAY REQUIRE MULTIPLE PARALLEL JUMPER/BACKFLOW ASSEMBLIES TO OBTAIN MINIMUM FLUSHING VELOCITIES. THE SEALING ENGINEER SHALL RUN HYDRAULIC CALCULATIONS TO DETERMINE THE REQUIRED SIZE AND NUMBER OF ASSEMBLIES REQUIRED FOR FLUSHING.