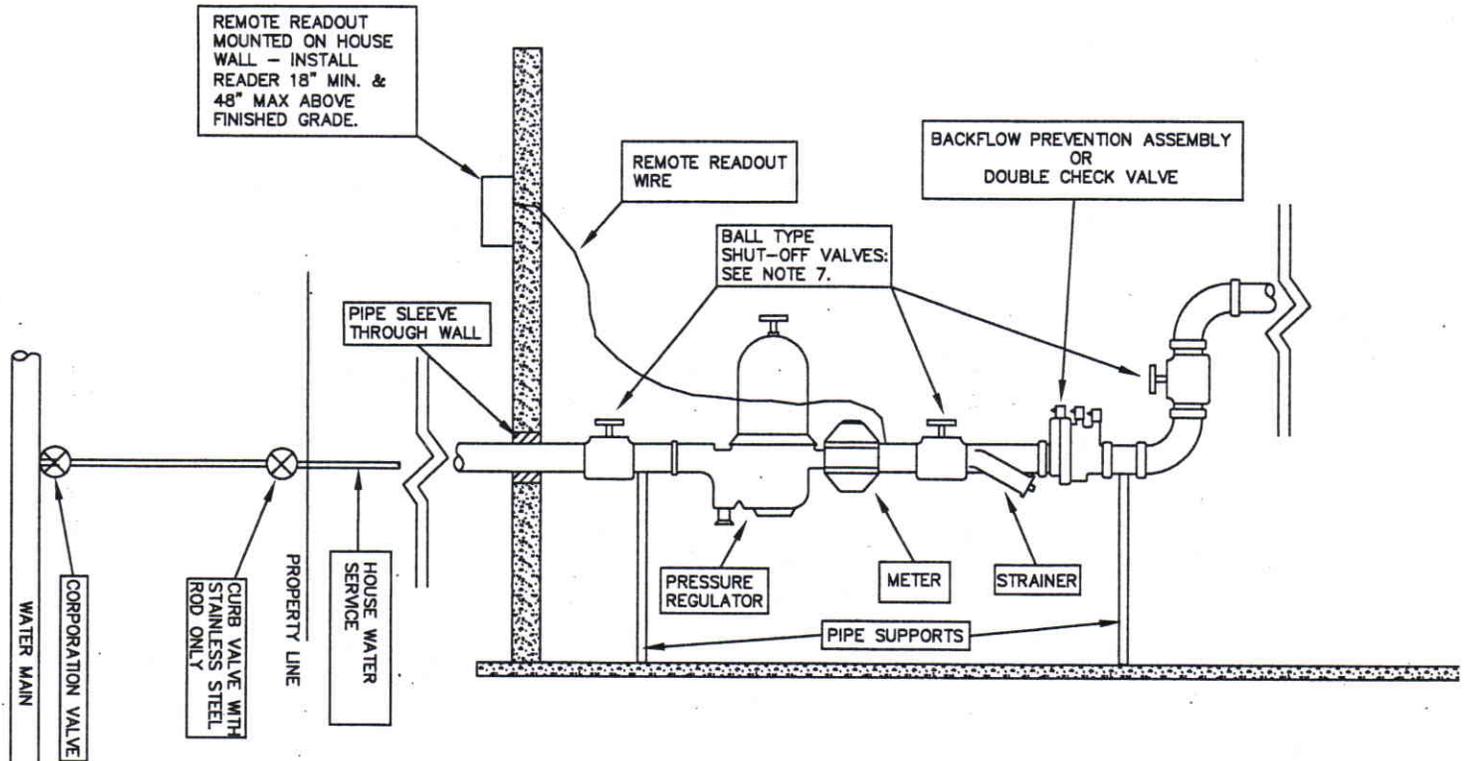


W A T E R



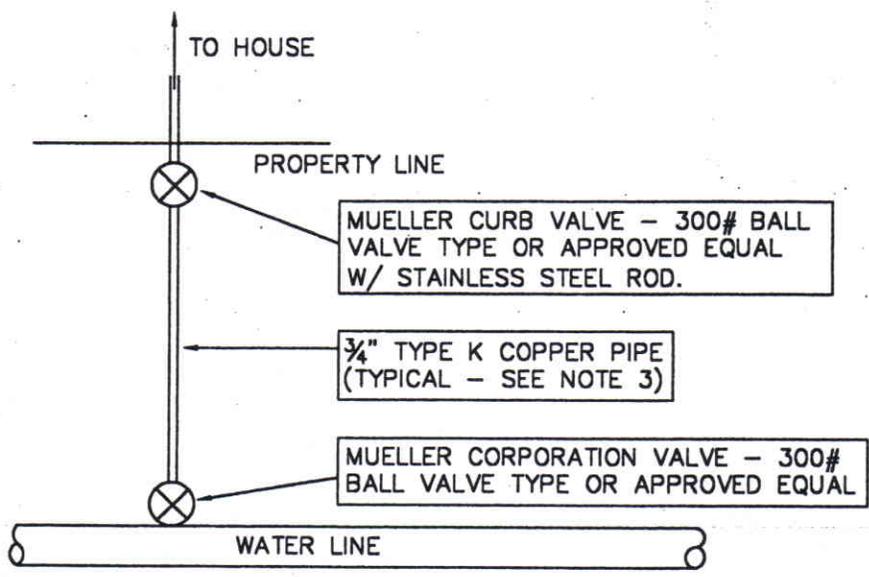
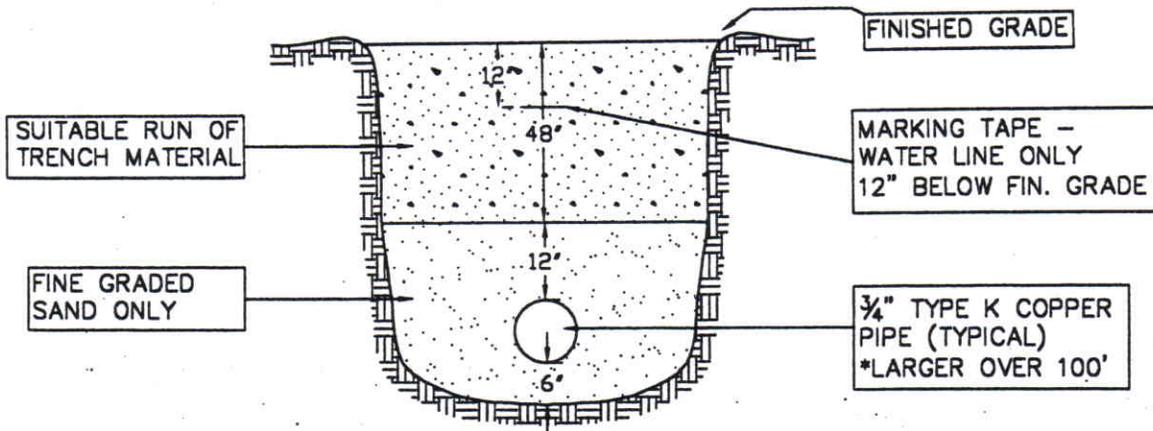
INSTALLATION NOTES:

1. ALL MATERIALS USED SHALL CONFORM TO THE REQUIREMENTS OF THE NEW YORK STATE PLUMBING CODE.
2. INSIDE PIPE JOINTS SHALL BE SOLDERED OR FLARED CONNECTIONS ONLY.
3. NO FITTINGS SHALL BE INSTALLED ON THE LINE BETWEEN THE HOUSE AND THE CURB VALVE UNLESS THE LENGTH OF PIPE INSTALLED EXCEEDS 100 FEET.
4. UTILITY LINES, INCLUDING SEWER AND WATER SERVICES, MUST BE SEPARATED BY A MINIMUM OF 10' UNLESS BENCHED IN ACCORDANCE WITH N.Y.S. PLUMBING CODE. BENCHED PIPES SHALL HAVE 18" MINIMUM HORIZONTAL AND VERTICAL SEPARATION. WATER LINES SHALL ALWAYS BE INSTALLED ABOVE SANITARY SEWER LINES.
5. BACKFLOW PREVENTION ASSEMBLIES SHALL BE PERIODICALLY TESTED PER TOWN CODE SECTIONS 2503.7.1 AND 2503.7.2. TEST RESULTS SHALL BE PROVIDED TO THE TOWN. PROPERTY OWNERS SHALL BE RESPONSIBLE FOR TESTING OF ALL BACKFLOW PREVENTION DEVICES AND SHALL SUBMIT TEST RESULTS TO THE TOWN UPON REQUEST.
FOR RESIDENTIAL USE: WATTS SERIES 7 RESIDENTIAL DUAL CHECK VALVE OR EQUAL.
FOR COMMERCIAL USE: BACKFLOW PREVENTION SHALL BE AS PER THE TOWN APPROVED SITE/PROJECT PLAN.
6. COMMERCIAL WATER SERVICE LINES SHALL BE CONSTRUCTED TO MEET THE REQUIREMENTS SHOWN HEREON AT MINIMUM. ADDITIONAL REQUIREMENTS FOR EQUIPMENT OR CONSTRUCTION SHALL BE AS INDICATED ON THE APPROVED SITE PLAN.
7. SHUT OFF VALVES SHALL BE ¼ TURN BALL VALVES ONLY.
8. CURB VALVE SHALL HAVE STAINLESS STEEL ROD.
9. PROPERTY OWNER SHALL BE SOLELY RESPONSIBLE FOR MAINTENANCE AND/OR REPLACEMENT OF THE EXISTING WATER SERVICE PIPE AND COMPONENTS THAT ARE INSTALLED ON THEIR PRIVATE PROPERTY. (E.G. FROM THE CURB VALVE TO AND WITHIN ANY DWELLING OR STRUCTURE ON THE PROPERTY.) TENANTS TO THE SYSTEM AND COMMERCIAL USERS MAY HAVE ADDITIONAL RESPONSIBILITIES WHERE SPECIFIED IN SEPARATE COVENANTS OR APPROVALS WITH THE TOWN. THE TOWN SHALL BE RESPONSIBLE FOR OPERATION AND MAINTENANCE OF THE WATER SERVICE LINE IN THE PUBLIC RIGHT OF WAY, FROM THE MAIN TO THE CURB VALVE.
10. A PERMIT SHALL BE OBTAINED BEFORE ANY CONSTRUCTION ACTIVITY MAY BEGIN. THE TOWN WATER SYSTEM OPERATOR AND THE BUILDING DEPARTMENT MUST BE NOTIFIED IN ADVANCE OF TAPPING THE TOWN WATER MAINS.

**TYPICAL RESIDENTIAL WATER
PIPING SYSTEM**
TOWN OF WAPPINGER
DUTCHESS COUNTY, NY

NO SCALE
5/31/06
DRAWN BY:
PJP

PAGGI, MARTIN & DEL BENE, LLP
Consulting Engineers & Land Surveyors
56 MAIN STREET
POUGHKEEPSIE, NEW YORK 12601



INSTALLATION NOTES:

1. ALL MATERIALS USED SHALL CONFORM TO THE REQUIREMENTS OF THE NEW YORK STATE PLUMBING CODE.
2. THE FOLLOWING GUIDELINES MUST BE CONFORMED TO:
 - A. THE ENTIRE TRENCH SHALL BE EXCAVATED BEFORE ANY PIPE IS LAID.
 - B. THE TRENCH SHALL BE GRADED WITH A MINIMUM OF 6" OF SAND AS SHOWN. THIS LAYER SHALL THEN BE PROPERLY COMPACTED.
 - C. THE PIPE MAY THEN BE LAID.
 - D. A FINE GRADED SAND MUST BE THEN PLACED AROUND THE PIPE AND COMPACTED TO PROPERLY SUPPORT THE PIPE.
 - E. THE TRENCH MUST THEN BE FILLED TO A POINT 1' ABOVE TO TOP OF THE PIPE WITH SAND. THIS LAYER MUST BE THOROUGHLY COMPACTED WITH A MECHANICAL TAMPER.
 - F. THE REMAINDER OF THE TRENCH MAY THEN BE FILLED TO GRADE WITH RUN OF TRENCH MATERIAL.
3. PIPE USED IN WATER SERVICE CONNECTIONS SHALL BE TYPE "K" COPPER TUBING OR AS APPROVED IN THE N.Y.S. PLUMBING CODE, SECTION 605.
4. MINIMUM COVER OVER THE PIPE WILL BE 5'-0" UNLESS INSULATED AGAINST FROST.
5. ALL DITCHES ARE TO BE DEWATERED BEFORE ANY PIPE IS LAID.
6. THE PIPE SHALL BE INSPECTED PRIOR TO ANY BACK-FILLING.
7. FOR TESTING, WATER LINES SHALL BE TURNED ON AT THE CURB VALVE BY CAMO POLLUTION CONTROL AND INSPECTED FOR LEAKS BY THE TOWN BUILDING DEPT.
8. BEFORE ISSUANCE OF A.C.O., MEASUREMENTS BETWEEN THE CURB VALVE BOX COVER AND THE HOUSE CORNERS SHALL BE SUBMITTED TO THE TOWN.
9. ALL FITTINGS TO BE FLARED OR SOLDERED PIPE CONNECTIONS.

* UTILITY LINES, INCLUDING SEWER AND WATER SERVICES, MUST BE SEPARATED BY A MINIMUM OF 10' UNLESS BENCHED ACCORDING TO N.Y.S. PLUMBING CODE.

TYPICAL RESIDENTIAL WATER SERVICE CONNECTION TOWN OF WAPPINGER DUTCHESS COUNTY, NY	NO SCALE 5/31/06	PAGGI, MARTIN & DEL BENE, LLP Consulting Engineers & Land Surveyors 56 MAIN STREET POUGHKEEPSIE, NEW YORK 12601
	DRAWN BY: PJP	