



PLAN

NOTES:

1. GATE VALVE AND DETECTOR CHECK VALVE SHALL BE EPOXY COATED AND LINED, UL LISTED; FM APPROVED.
2. DETECTOR CHECK VALVE SHALL HAVE A CAST OR DUCTILE IRON BODY WITH SPRING LOADED MAIN CHECK VALVE AND TRIM KIT FOR BY-PASS METER AND SHALL BE INSTALLED IN ACCORDANCE WITH THE VALVE MANUFACTURER'S STANDARDS AND SPECIFICATIONS.
3. BYPASS METER AND METER COUPLINGS SHALL BE FURNISHED BY THE WATER BUREAU AND INSTALLED BY THE PLUMBER. METER AND COUPLINGS ARE AVAILABLE FOR PICK UP AT THE WATER BUREAU OPERATIONS CENTER, 10 FELIX STREET, TELEPHONE 428-7618.
4. BYPASS PIPING SHALL BE 3/4 INCH BRASS OR COPPER. BYPASS FITTINGS AND VALVES SHALL BE BRASS.
5. THE WATER BUREAU WILL INSPECT AND SEAL THE BY-PASS METER, SEAL THE BY-PASS BALL VALVE AND INSTALL A REMOTE TOUCH PAD OR RADIO READING DEVICE.
6. THE OWNER'S ENGINEER SHALL BE RESPONSIBLE FOR DESIGNING RESTRAINT SYSTEM FOR ALL PIPE AND APPURTENANCES TO ACCOMMODATE ANTICIPATED TESTING AND OPERATING PRESSURES.
7. PIPE AND APPURTENANCES ARE TO BE ADEQUATELY RESTRAINED, BRACED AND SUPPORTED. ALL WORK AND MATERIALS SHALL BE IN CONFORMANCE WITH APPLICABLE FEDERAL, STATE AND LOCAL PLUMBING CODES.

DIMENSIONS	
BY-PASS METER LENGTH "A" (INCHES)	BY-PASS METER AND COUPLING CLEARANCE "B" (INCHES)
7½"	13" +/-

CITY OF ROCHESTER		
TYPICAL WATER METER INSTALLATION FOR HOLLY FIRE SERVICE 4 INCH AND LARGER		
ISSUED	8-8-11	NON-STANDARD
REVISED	8-27-13	DWG.NO.S970-7