



PROFILE VIEW

METER SIZE	4"	6"	
A	40"	60"	MIN STRAIGHT PIPE BEFORE METER (10 TIMES PIPE DIAMETER)
B	20"	30"	MIN STRAIGHT PIPE AFTER METER (5 TIMES PIPE DIAMETER)
C	18"	20.5"	MIN DISTANCE FROM VERTICAL WALL TO CENTER OF PIPE
D	17"	17"	MIN DISTANCE FROM FLOOR TO CENTER OF PIPE
E	20"	24"	LAYLENGTH OF METER
F	60"	60"	OVERHEAD CLEARANCE
-	2"	3"	BY-PASS SIZE

- (A) GATE VALVES SHALL BE OUTSIDE SCREW AND YOKE, RESILIENT WEDGE CONFORMING TO UL, FM, AND AWWA C509 OR C515, USE AMERICAN FLOW CONTROL SERIES 2500, CLOW R/W F6136, KENNEDY KS-FW, MUELLER R-2360-6 RELIABLE REL-OSY-399F, OR APPROVED EQUAL..
- (B) BALL VALVES SHALL BE FULL PORT, LEAD FREE, NSF/ANSI 61 AND 372 APPROVED, CONFORMING TO AWWA C507-99 "PROOF OF DESIGN TEST", USE APOLLO 6PLF SERIES, AMERICAN VALVE SERIES 4000, OR APPROVED EQUAL.
- (C) CHECK VALVES SHALL BE FLANGE, SWING TYPE, BRONZE TRIMMED CONFORMING TO AWWA C508, USE CLOW F-5335, MUELLER A-2600-6, KENNEDY 1106 (NOT 106), OR APPROVED EQUAL.
- (D) BY-PASS MATERIAL SHALL BE CAST OR DUCTILE IRON, OR BRASS. COPPER MAY BE USED AFTER BY-PASS VALVES ONLY.
- (E) BY-PASS VALVE WITH MANUFACTURED PAD-LOCK TABS TO BE LOCATED AS SHOWN.
- (F) WHEN REQUIRED BY SPRWS, TWO REMOTE READ WIRES MUST BE INSTALLED IN AN APPROVED LOCATION. OBTAIN WIRE FROM SPRWS METER SHOP.
- (G) CHECK VALVES, PRESSURE REDUCING VALVES, STRAINERS, STRAIGHTENERS, AND REDUCERS SHALL NOT BE INCLUDED TOWARD MINIMUM STRAIGHT PIPE REQUIREMENTS.
- (H) 6" SERVICE THAT IS REDUCED TO 4" METER MUST MEET THE 4" STRAIGHT PIPE REQUIREMENTS .

DR. VB TR. CH. TGJ BLM APPROVED: DDW 9/4/02 DDW 8/31/17	<b>SAINT PAUL REGIONAL WATER SERVICES</b> ST. PAUL, MINNESOTA  <b>TYPICAL SETTINGS FOR STRAIGHT COMPOUND METERS AS USED IN COMMERCIAL SERVICES</b> <b>4" AND 6" - FOR INSIDE INSTALLATION</b>	SCALE: NONE REDRAWN: Cad Dr. 4/5/00 REVISIONS: 9/4/02 8/31/2017  <b>A1-6677</b>
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