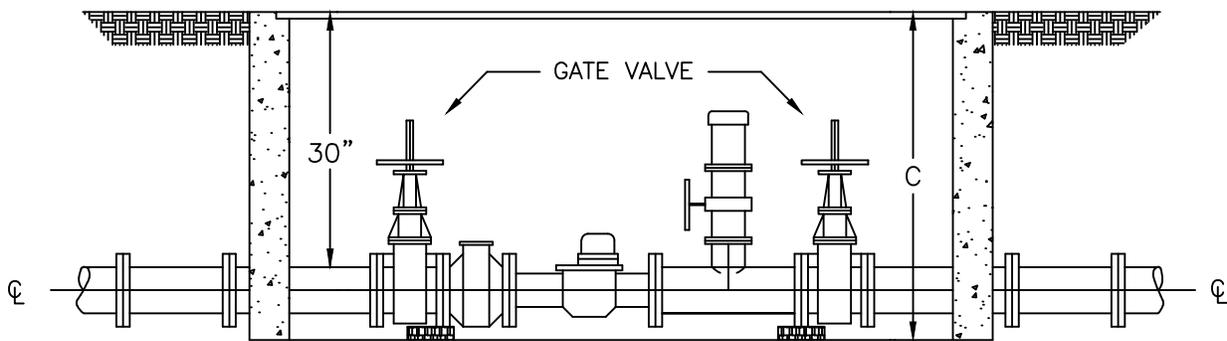


PLAN VIEW



ELEVATION

NOTES:

1. BY-PASS MAY BE INSIDE METER BOX OR OUTSIDE METER BOX. IF INSTALLED OUTSIDE METER BOX A CASING AND COVER WILL BE REQUIRED OVER BY-PASS VALVE.
2. 1-1/2 INCH AND 2 INCH BY-PASS VALVES MUST BE BALL VALVES. THREE INCH AND LARGER TO BE RESILIENT SEATING SHUT-OFF VALVES.
3. METERS DEEPER THAN 30 INCHES TO TOP OF PIPE MUST BE RAISED TO 30 INCHES.
4. INLET AND OUTLET VALVES TO BE INSTALLED AT EACH END OF METER.
5. TEST TEE TO BE 3 PIPE DIAMETERS DOWNSTREAM OF METER.
6. WHEN CHARGING METER WITH WATER - OPEN INLET VALVE VERY SLOWLY, THEN SLOWLY OPEN OUTLET VALVE.
7. INSTALL IN CONFORMANCE WITH MANUFACTURERS SPECIFICATIONS.
8. TURBINE METER SHALL BE PRECISION OR SENSUS WITH AN ENCODED REGISTER AND AN END POINT TRANSMITTER TYPE SENSUS/FLEX NET M520X.
9. REFER TO CITY STANDARD DRAWING W-9A FOR FURTHER REQUIREMENTS

MINIMUM VAULT SIZE

	A	B	C
2", 3" & 4"	20"	48"	42"
4", 6" & 8"	40"	72"	42"
10"	60"	100"	42"

**TURBINE METER SETTING
WITH BY-PASS**

REF. & REV.
MARCH 2005
AUG. 2008

CITY OF MADERA

W-25