



NOTES:

1. DIAMETER FOR PIPELINE & APPURTENANCES SHALL BE EQUAL TO THE METER SIZE.
2. THE WATER SERVICE VAULT SHALL BE LOCATED & INSTALLED SUBJECT TO APPROVAL OF THE CITY.
3. ADJUST VAULT & COVER TO MEET SIDEWALK & CURB GRADE.
4. ALL METAL INSIDE VAULT TO BE PAINTED WITH PRIMER AND TWO (2) COATS OF PAINT.
5. ALL FIELD JOINTS SHALL BE FLANGED UNLESS OTHERWISE INDICATED. ALL WELDED JOINTS ON LINED STD. WT. PIPE SHALL BE SHOP FABRICATED.
6. SHOULD THE DEPTH OF THE VAULT EXCEED FOUR (4) FEET, AN OSHA APPROVED LADDER ATTACHED TO AN INSIDE WALL SHALL BE PROVIDED. THE LOCATION OF THE LADDER SHALL BE AS DIRECTED BY THE CITY.
7. VAULT DOORS SHALL BE 5'x6'
8. DOOR HINGES SHALL SIT ABOVE THE IN & OUT OF THE METER AND SHALL BE SPRING LOADED

- ① MAINLINE Ø X BRANCH Ø (A.W.W.A.) FLANGED OUTLET TEE
- ② VALVE BOX & GATE VALVE INSTALLATION PER CITY OF ONTARIO STD. DWG. NO. 4005.
- ③ 150# SLIP ON FLANGED (TYPICAL)
- ④ CML/CMC W.S.P. (10 GA. MIN.)
- ⑤ CML/CMC W.S.P. (10 GA. MIN.) A.W.W.A. FLANGED TEE IF REQUIRED BY THE CITY.
- ⑥ STD. WT. STL. PIPE CML/CMC
- ⑦ CML/CMC A.W.W.A. FLANGED 90° BEND (FLANGED STD. WT. STL. 90° BEND MAY BE SUBSTITUTED UPON APPROVAL BY THE CITY OF ONTARIO.
- ⑧ KNOCKOUTS AS REQUIRED (2" LARGER THAN PIPE SIZE O.D. ALL AROUND)
- ⑨ REMOVE AN ADEQUATE AMOUNT OF CMC TO ALLOW PROPER INSTALLATION OF THE FLANGED COUPLING ADAPTOR. PAINT BARE METAL PER NOTE 4.
- ⑩ COMPOUND METER WITH BRONZE BY PASS ASSEMBLY WITH COVER.
- ⑪ FLANGED COUPLING ADAPTOR.
- ⑫ PIPE SUPPORT PER CITY OF ONTARIO STD. DWG. NO. 4307
- ⑬ PRE-CAST CONCRETE VAULT WITH 2 PIECE 5' X 6' TORSION HINGED ALUMINUM COVER. QUICKSET OR APPROVED EQUAL. COVER TO BE SPECIFIED FOR TRAFFIC LOADS WHERE REQUIRED.

** 3" AND 4" COMPOUND WATER METER							
METER SIZE	DIMENSION					CONTINUOUS FLOW	MAXIMUM FLOW
	A	B	C	D	E	RANGE GPM	GPM
3"	30"	72"	72"	18"	24"	1 to 330	400
4"	30"	72"	72"	18"	33"	2 to 440	500



APPROVED BY:		10.5.15	
<i>Louis Abi-Younes</i>		44485	
LOUIS ABI-YOUNES, CITY ENGINEER		RCE	DATE
RECOMMENDED BY:		9/17/15	
<i>Dennis Mejia</i>		62268	
DENNIS MEJIA, UTILITIES ENGINEERING DIRECTOR		RCE	DATE
REV	DESCRIPTION	BY	APP'D DATE

CITY OF ONTARIO		3" AND 4" WATER SERVICE METER	STANDARD DRAWING NUMBER 4203
44485			