



**NOTES:**

1. THERMAL EXPANSION PROTECTION IS REQUIRED IN ANY DOMESTIC WATER SUPPLY SYSTEM THAT IS DOWNSTREAM FROM A BACKFLOW PREVENTION DEVICE. REFERENCE: UNIFORM PLUMBING CODE.
2. METER AND TRANSMITTER SUPPLIED AND INSTALLED BY TMWA.
3. FOR DRIVEWAY OR TRAFFIC AREAS USE 17X30 ENCLOSURE APPROVED FOR TRAFFIC RATED H/20 LOADING. SEE DETAIL 10K-18.
4. TOP OF METER ENCLOSURE SHALL BE SET 0.2 FEET ABOVE HIGHEST FINISHED GRADE SURROUNDING ENCLOSURE WITHIN LANDSCAPED AREAS, AND SHALL BE SET FLUSH WITH SURROUNDING FINISH GRADE IN TRAFFIC AREAS.
5. ENCLOSURE TO BE BACKFILLED WITH WATER PIPE BEDDING SAND ONLY, SEE SECTION 5, TRENCH BEDDING & BACKFILL.
6. BLANKET TO BE INSTALLED ABOVE METER AND BELOW TRANSMITTER.
7. DISTANCE BETWEEN FLANGES SHALL BE 13.25".

MATERIAL LIST

ITEM ID	QTY.	DESCRIPTION
MS-CHK-1.50	1.0	SETTER WATER METER, WITH ANGLE CHECK VALVE, NEW 1-1/2" FIP ENDS
WSC-1.50x1.50-CTSxMIP	1.0	COUPLING SERVICE 1-1/2" CTS COMPRESSION X 1-1/2" MIP
SSL-1.50	1.0	LINER RIGID STAINLESS STEEL FOR 1-1/2" CTS HDPE TUBING
GSKT-1.50	2.0	GASKET-1-1/2" FOR WATER METER
WM-DISC-1.50	1.0	1-1/2" WATER METER - SUPPLIED AND INSTALLED BY TMWA
ENCL-17x30-NT	1.0	ENCLOSURE NON-TRAFFIC 17 X 30 WATER METERS, SEE NOTE 2
ENCL-17x30-LID-NT	1.0	COVER NON-TRAFFIC 17 X 30, NON CONCRETE FIBRELYTE LID, SEE NOTE 2
ENCL-17x30-EXT-NT	1.0	EXTENSION BOX NON-TRAFFIC 17 X 30, SEE NOTE 2
INSL-BLKT-4x4	1.0	BLANKET INSULATION 4' X 4' FOR WATER METERS
RDWD-BRD-2X6X36	2.0	BOARD - REDWOOD 2" X 6" X 36"
IDLR-1.50	1.0	IDLER WATER METER 1-1/2" SETTER
BOLTS	4.0	BOLT COPPER #651 SILICONE BRONZE 5/8" X 2-1/2" WITH 2 FLAT WASHERS & NUTS
ERT	1.0	REMOTE TRANSMITTER - SUPPLIED AND INSTALLED BY TMWA



DATE

6/2004

REV

7/2011

APPENDIX 10K  
 WATER METERS - SMALL  
 NEW RESIDENTIAL INSTALLATION  
 1-1/2" SINGLE SERVICE  
 FOR 1-1/2" SETTER WITH ANGLE CHECK,  
 METER AND TRANSMITTER

DRAWING NUMBER

10K-4