



**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 17.25".

MATERIAL LIST

| ITEM ID               | QTY. | DESCRIPTION   |
|-----------------------|------|---|
| MS-2.00               | 1.0  | SETTER WATER METER, NEW 2" FIP ENDS                                       |
| WSC-2.00x2.00-CTSxMIP | 1.0  | COUPLING SERVICE 2" CTS COMPRESSION X 2" MIP                              |
| SSL-2.00              | 1.0  | LINER RIGID STAINLESS STEEL FOR 2" CTS HDPE TUBING                        |
| GSKT-2.00             | 2.0  | GASKET-2" FOR WATER METER   |
| WM-DISC-2.00          | 1.0  | 2" WATER METER - SUPPLIED AND INSTALLED BY TMWA                           |
| ENCL-17x30-NT         | 1.0  | ENCLOSURE NON-TRAFFIC 17 X 30 WATER METERS, SEE NOTE 3                    |
| ENCL-17x30-LID-NT     | 1.0  | COVER NON-TRAFFIC 17 X 30, NON CONCRETE FIBRELYTE LID, SEE NOTE 3         |
| ENCL-17x30-EXT-NT     | 1.0  | EXTENSION BOX NON-TRAFFIC 17 X 30, SEE NOTE 3                             |
| 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-2.00             | 1.0  | IDLER WATER METER 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 COMMERCIAL INSTALLATION  
 2" SINGLE SERVICE  
 FOR 2" SETTER, METER  
 AND TRANSMITTER

|                |        |
|----------------|--------|
| DRAWING NUMBER | 10K-10 |
|----------------|--------|