

MINIMUM OF 2"
BETWEEN BOTTOM
OF ENCLOSURE AND
TOP OF
TRANSMITTER

SEE NOTE 4 FOR
HEIGH OF METER
ENCLOSURE

16" - 18"
FROM METER
CONNECTION
C/L TO BOTTOM
OF ENCLOSURE
LID

1" CTS HDPE
SERVICE PIPE

2"x 6"x 24"
REDWOOD

12" BEDDING
SAND

FROM
WATER
MAIN

VALVE OPERATING
CONDUIT.
RECOMMEND 4" PVC.
OWNED AND
MAINTAINED BY
PROPERTY OWNER

ANGLE CHECK VALVE
WITH METER SWIVEL
NUT, INTEGRAL WITH
SETTER

CUSTOMER SHUTOFF
VALVE. RESILIENT
SEATED BALL VALVE.
CONTRACTOR
INSTALLED, OWNER
MAINTAINED. LOCATE
AS CLOSE AS
POSSIBLE TO METER
ON CUSTOMER SIDE
OF P.U.E.

TO POINT
OF USE

PUBLIC UTILITY EASEMENT

3/4" WATER METERS AND TRANSMITTERS
INSTALLED BY TMWA

3/4" SETTERS, IDLERS AND
ENCLOSURE INSTALLED BY
CONTRACTOR

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.

MATERIAL LIST

ITEM ID	QTY.	DESCRIPTION
MS-CHK-0.75	2.0	SETTER WATER METER, WITH ANGLE CHECK VALVE, NEW 3/4" MIP ENDS
WSC-1.00x0.75-CTSxFIP	2.0	COUPLING SERVICE 1" CTS COMPRESSION X 3/4" FIP
SSL-1.00	2.0	LINER RIGID STAINLESS STEEL FOR 1" CTS HDPE TUBING
GSKT-0.75	4.0	GASKET-3/4" FOR WATER METER
WM-DISC-0.75	2.0	3/4" 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-2x6x24	2.0	BOARD - REDWOOD 2" X 6" X 24"
IDLR-0.75	2.0	IDLER WATER METER 3/4" SETTER
ERT	2.0	REMOTE TRANSMITTER - SUPPLIED AND INSTALLED BY TMWA



DATE

6/2004

REV

7/2011

APPENDIX 10K
WATER METERS - SMALL
NEW RESIDENTIAL INSTALLATION
1" DUAL SERVICE
FOR 3/4" SETTER WITH ANGLE CHECK,
METER AND TRANSMITTER

DRAWING NUMBER

10K-6