DATE: September 6, 2012

TO: Material Suppliers and Contractors

FROM: Drew Woodruff, P.E., City Engineer

SUBJECT: APPROVED EQUAL WATER METER SETTER

The City will now be accepting Mueller (Part# 394P2470-R2) as an approved equal to the Ford 1" water setter VBH74-24W44-44.
CALL 811 TWO BUSINESS DAYS BEFORE YOU DIG

PLAN VIEW

1. EPOXY COATED SINGLE STAINLESS STEEL STRAP SADDLE WITH IPS THREAD. V-BOLTS ARE NOT ALLOWED.
2. FORD CORPORATION STOP BALL CORP
3. 1" TYPE K U.S. MADE COPPER PIPE OR APPROVED EQUAL (SEE NOTE)

WHEN FACING WATER MAIN,
HORIZONTAL EXPANSION LOOP
POSITIONED ON THE RIGHT OF
CORP TO PREVENT LOOSENING
WHEN BACKFILLING.

WATER METER BY CITY

PRESSURE TREATED 2 X 4
MARKER POST (VACANT LOT)

NOTES:
1. COPPER MAY BE SUBSTITUTED WITH POLYETHYLENE PRESSURE PIPE P.R.200 PSI-SDR 9,
MEETING REQS. OF ASTM D 2737 AND AWWA C901 WITH COPPER TUBE SIZE OD. INSULATED
#14 GAUGE TRACER WIRE IS REQUIRED WITH ALL POLY PIPE INSTALLATION.
2. SEE SECTION 10-3 FOR MATERIAL SPECIFICATIONS.
3. ALL BENDS TO BE A MINIMUM OF ONE FOOT FROM ALL SERVICE LINE FITTINGS.
4. ALL SETTERS SHALL BE BROUGHT TO THE CITY MAINTENANCE SHOP FOR ADJUSTMENTS.
5. METER BOX INSTALLED ELEVATION SAME AS BACK OF SIDEWALK UNLESS PRIOR APPROVAL.
METER BOXES INSTALLED IN TRAFFIC AREAS REQUIRE APPROVED TRAFFIC LID WITH 1 3/8" HOLE.

PROFILE VIEW

PROFILE VIEW

TYP. SIDEWALK OR FUTURE SIDEWALK

6"-12"

5" MIN.

FORD SETTER 1" VBH74-24W44-44
OR MUELLER SETTER 1" 394P2470-R2
WITH LOCKING BALL VALVE
AND BALL CHECK BACKFLOW
DEVICE OR APPROVED EQUAL

RAVEN POLYETHYLENE METER BOX
WITH WHITE INTERIOR AND
LID OR APPROVED EQUAL WITH CAST
IRON METER READING ACCESS LID
MARKED "WATER"

LID IS TO HAVE LOCATION FOR TAP
READ EQUIPMENT CONTRACTOR IS NOT
TO DRILL HOLE THROUGH LID.
RAVEN BOX NUMBER RMB 15X27.

NOTE: TAP AT HORIZONTAL FOR
P.V.C. PIPE.
SEE DWG. No. 4-28 FOR
SERVICE FROM D.I., STEEL
AND AC MAINS.

SINGLE WATER SERVICE - 1"
FROM PVC WATER MAIN

CITY OF WEST RICHLAND

DRAWN BY: DGJ/BTW DATE: 6/09
CHECKED BY: HLM/AFW REVISION: 9/12

DRAWING NO. 4-26