GENERAL NOTES:

1. ALL FITTINGS BETWEEN AND INCLUDING CORROSION PROOF STAPLE AND GATE VALVE SHALL BE:
   A. BE MADE OF BRASS OR BRONZE;
   B. OF THE RANNED PATTERN;
   C. BE DESIGNED FOR A MIN OF 175 PSI (COLD WATER) WORKING PRESSURE;
   D. BE LEAD FREE;

2. PRESSURE TEST PRIOR TO WRAPPING OR BACKFILLING.

3. ALL LISTED MATERIALS TO BE USED PER EMWD APPROVED MATERIAL LIST.

4. CORPORATION STOP & FITTINGS AT PIPELINE SHALL BE PRIMED AND WRAPPED WITH APPROVED COAT TAR RESIN TAP.

5. ALL SERVICE PIPES & TUBING SHALL BE LAID ON A CONSTANT SLOPE UP FROM WATER MAIN TO METER. NO DIPS OR POCKETS WILL BE PERMITTED. 36° COVER AT GAS MAIN CROSSINGS.

6. THREAD NOTATION SHOWN THUS:
   IP = IRON PIPE THREAD;
   CS = CORPORATION STOP (MUELLER) THREAD;
   PI = PACK JOINT.

7. METER BOX SHALL BE EMWD APPROVED 17" X 28" COMPLETE WITH COVER, LID & BASE WITH KNOCKOUTS (SEE NOTE 10 FOR SIDEWALK INSTALLATION). UPON EMWD ACCEPTANCE THE METER BOX WILL BE THE PROPERTY OF EMWD.

8. WHEN METER IS FURNISHED BY OTHERS, USE METER MANUFACTURERS SPECIFICATIONS FOR METER LAY. LENGTH SPACING. SEE EMWD APPROVED MATERIAL LIST FOR APPROVED METERS. ANGLE METER STOP SHALL BE LOCKED CLOSED BY EMWD INSPECTIONS DEPT.

9. METER PORT HOLES CENTER TO BE INSTALLED 9-3/4" BELOW TOP OF METER BOX.

10. WHEN INSTALLED IN CONCRETE (SIDEWALK) USE EMWD APPROVE 17" X 30" METER BOX COMPLETE WITH COVER AND LID.

11. SERVICES THAT REQUIRE BACKFLOW PROTECTION FOR ONSITE HAZARDS PER EMWD ORD. 69 SHALL BE PER 85-97.

12. FIRE SYSTEM CUSTOMER SERVICE VALVE SHALL BE SECURED IN THE OPEN POSITION BY AN EMWD APPROVED DEVICE.

13. INSTALL 1/2" PVC SCH. 40 ELECTRICAL CONDUIT BETWEEN ALL METER BOXES & STUBBED INSIDE, THAT ARE LOCATED NEAR PL WITHIN 10' OF EA. OTHER. TAPE END OF SWEEPS PREVENTING DEBRIS FROM ENTERING CONDUIT.

PLACEMENT OF METER BOX

A. PLACE FRONT EDGE OF METER BOX 6" MAX BEHIND EXISTING OR PROPOSED 6" OR 8" SIDEWALKS.

B. WHEN PROPOSED OR EXISTING SIDEWALK IS 12" WIDE PLACE FRONT EDGE OF BOX 6" MAX BEHIND CURB USING APPROPRIATE BOX (SEE NOTE 10).

C. WHEN NO SIDEWALK IS PROPOSED, PLACE FRONT EDGE OF BOX 6'5" BEHIND CURB FACE.

D. WHEN NO CURBS ARE EXISTING OR TO BE INSTALLED UPON COMPLETION OF THE WATER SYSTEM, PLACE BACK EDGE OF METER BOX ON PROPERTY LINE.

REVISIONS

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REFERENCES:

FILE I.D.: Vxswfngtstd,dwg10-965.dgn
DRAWN BY: GS

EMWD
EASTERN MUNICIPAL WATER DISTRICT
STANDARD DRAWING

1" RESIDENTIAL METER SERVICE CONNECTION
1" COPPER TUBING

RECOMMENDED: Joe Mancuso 3/4/11
APPROVED: Charlie J. Buchanan 3/4/11
DIRECTOR OF ENGINEERING DATE
ASSISTANT GENERAL MANAGER DATE