GENERAL NOTES

1. ALL PIPE AND FITTINGS BETWEEN AND INCLUDING THE CORPORATION STOP AND BALL VALVE SHALL:
   A. BE MADE OF BRASS OR BRONZE;
   B. BE OF THE BANDED PATTERN;
   C. BE DESIGNED FOR A MIN OF 175 PSI (COLD) WATER WORKING PRESSURE.

2. PRESSURE TEST PER EMWD SPECIFICATIONS.

3. ALL BARE IRON AND STEEL SHALL BE COATED WITH CEMENT MORTAR PER EMWD SPECIFICATIONS.

4. ALTERNATE MATERIALS MAY BE USED UPON APPROVAL BY THE EMWD ENGINEER.

5. CORPORATION STOP, FITTINGS, AND SERVICE LINE WITHIN 3 FEET OF SADDLE SHALL BE PRIMED AND WRAPPED WITH APPROVED CORRUGATED PAINT.

6. ALL SERVICE PIPE AND TUBING SHALL BE LAYED ON A POSITIVE SLOPE UP FROM THE WATER MAIN TO THE METER. NO DIPS OR POCKETS IN THE LINE WILL BE PERMITTED. 36" COVER SHALL BE AT GAS MAIN CROSSINGS.

7. THREAD NOTATION THUS:
   F = IRON PIPE THREAD
   CS = CORPORATION STOP (MUELLER) THREAD
   CT = COPPER THREAD, SERVICE THREAD
   PJ = PACKING JOINT

8. METER BOX SHALL BE EMWD APPROVED 12" X 3/4" COMPLETE WITH COVER, TWO PIECE Lid, AND ONE (1) 3/4" EXTENSION WITH KNOCKOUTS AND ABBR/AMI ANTENNA PORT (SEE NOTE F FOR SIDEWALK INSTALLATION).

9. VALVE BOX SHALL BE EMWD APPROVED 8" DIA X 10" DEEP, COMPLETE WITH COVER AND ONE (1) 6" EXTENSION.

10. WHEN METER IS FURNISHED BY OTHERS, USE 2" GALV NIPPLE COMBINED WITH 2" FLANGES ON EVERY END (SEE FLOW RATE TABLE FOR METER LENGTHS). ANGLE METER STOP SHALL BE LOCKED CLOSED WITH LEAD SEAL AND THREE-STRAND SEALING WIRE.

11. METER PORT HOLES TO BE INSTALLED 12" BELOW TOP OF METER BOX.

12. INSTALL 1-1/2" PVC SDR 40 ELECTRICAL CONDUIT BETWEEN ALL METER BOXES THAT ARE LOCATED NEAR PROPERTY LINE WITHIN 10' OF EA. OTHER. TAPE END OF SLEEVES PREVENTING DIBRIS FROM ENTERING CONDUIT. PLACE SLEEVES INSIDE AND AGAINST SIDE OF METER BOX.

13. SYSTEMS WITH ON-SITE PUMPS SHALL NOT EXCEED 5 FPS VELOCITY WITHIN THE SERVICE LATERAL. SYSTEMS WITHOUT PUMPS, SHALL NOT EXCEED 10 FPS.

14. SEE MANUFACTURER'S SPECIFICATIONS FOR METER INSTALLATION.

15. CONTRACTOR SHALL RETURN AFTER ROAD SHOULDER OR PARKWAY IS COMPLETE TO INSTALL METER. BOX, AND SHALL BE RESPONSIBLE FOR COORDINATING WORK OF OTHER CONTRACTORS FOR SAFEGUARDING SERVICES UNTIL METER BOXES ARE SET.

PLACEMENT OF METER BOX

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

B. WHEN PROPOSED OR EXISTING SIDEWALK IS 12' WIDE, PLACE FRONT EDGE OF BOX 3.5' BEHIND CURB USING APPROPRIATE BOX.

C. WHEN NO SIDEWALK IS PROPOSED, PLACE FRONT EDGE OF BOX 7.5' BEHIND CURB.

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

E. MIN 5' SEPARATION BETWEEN SEWER LATERAL AND WATER SERVICE.

F. WHEN INSTALLED IN CONCRETE (SIDEWALK), USE 30" X 48" METER BOX WITH 2 PIECE Lid ASSEMBLY WHICH INCLUDES LI READING LID.

REVISIONS

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REFERENCES: SUPRENDID - B-343 & B-344 ORIG Dwg 8/68

FILE L.D.: Vaan\eng\std dwgs\B-344.dgn

DRAWN BY: KER

RECOMMENDED: Joseph D. Van Sickle 10/20/93

APPROVED: G. Monte Ruge 10/20/93

EASTERN MUNICIPAL WATER DISTRICT

STANDARD DRAWING

B-344

2" METER INSTALLATION