
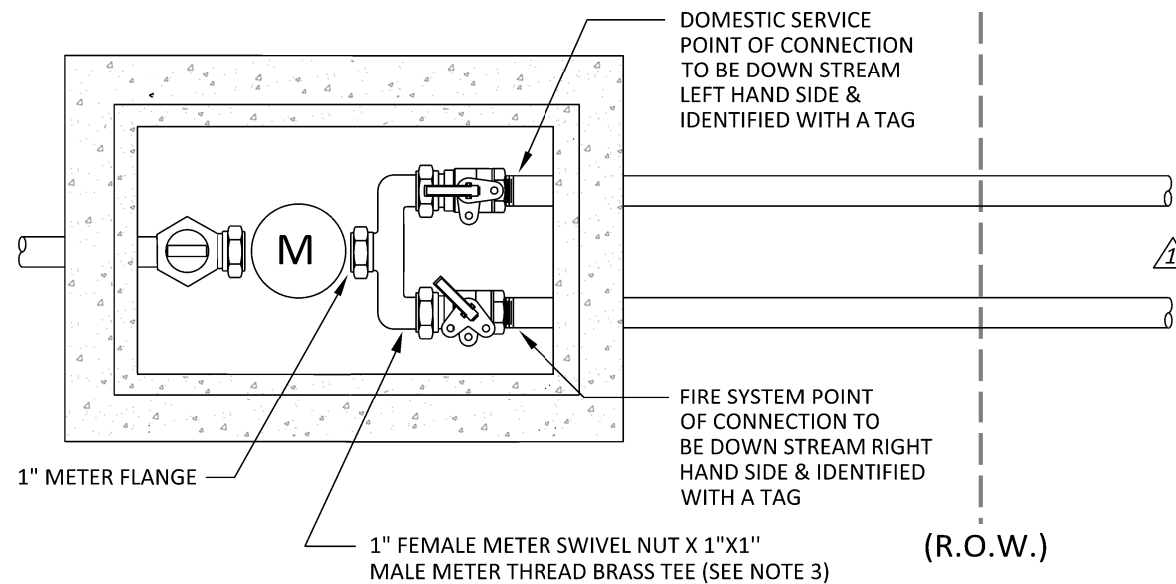
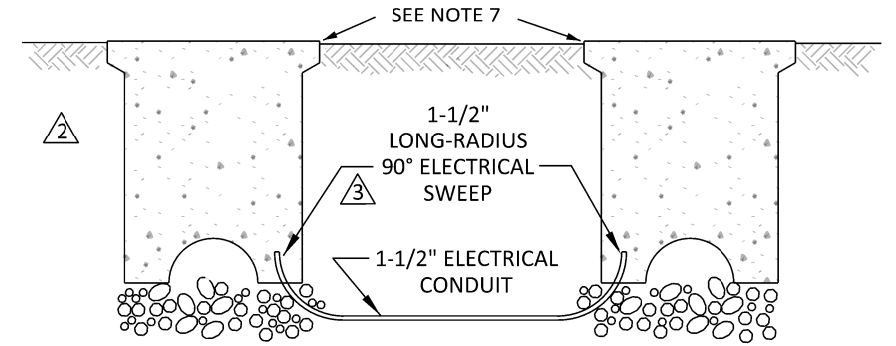
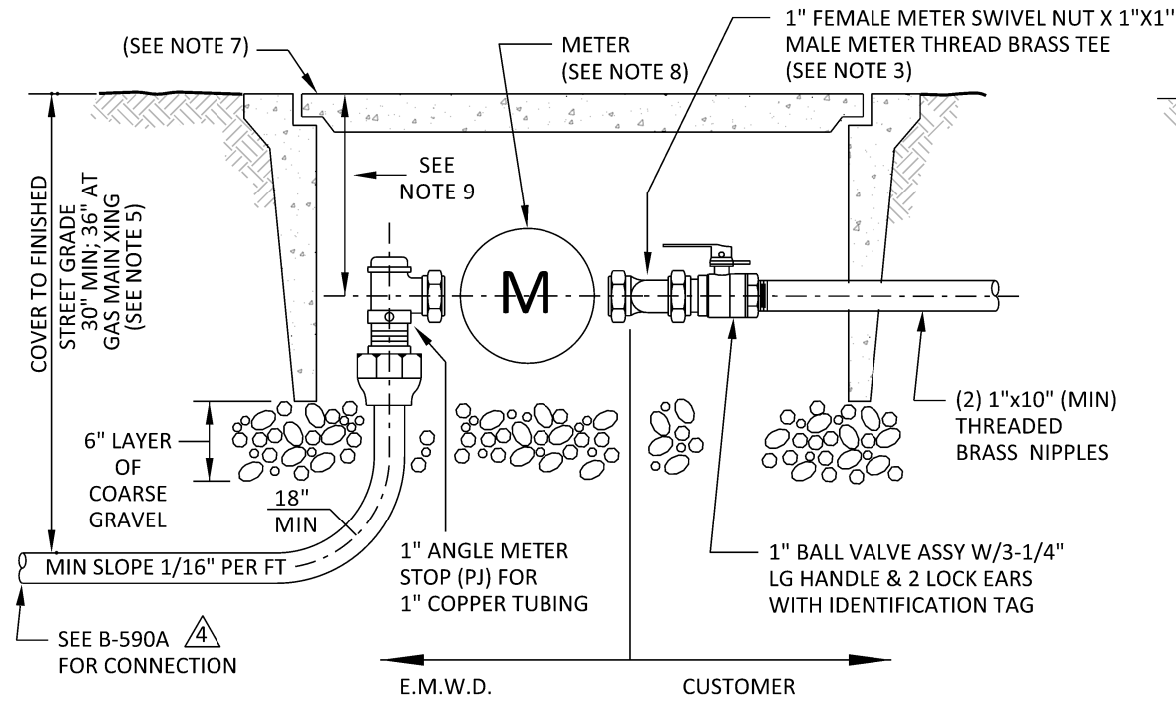


GENERAL NOTES 

1. ALL FITTINGS BETWEEN AND INCLUDING CORPORATION STOP AND GATE 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.
 - 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 COAL TAR RESIN TAPE.
5. ALL SERVICE PIPE & 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;
 - PJ = 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 B-597.
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.








COPPER TUBING INSTALLATION

1" IRON PIPE SIZE
(NOT TO SCALE)

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						APPROVALS			 EASTERN MUNICIPAL WATER DISTRICT	EASTERN MUNICIPAL WATER DISTRICT STANDARD DRAWING	
NO.	DATE	INITIAL	DESCRIPTION	APP'D	DATE	DESIGN	INITIAL	DATE		1" RESIDENTIAL METER SERVICE CONNECTION 1" COPPER TUBING	
	5/3/19	GS	UPDATE TITLE BLOCK, FONT, LOGO, AND CONNECTION CALL OUT	AGA	5/3/19	CONSTRUCTION					
	4/19/12	GS	REVISED ELECTRICAL CONDUIT TO 1 1/2"	VJB	4/20/12	INSPECTION	JEW	3/1/11			
	10/21/11	GS	ADDED NOTE 13 AND ELECTRICAL CONDUIT DETAIL	SMM	10/26/11	OPERATIONS	KG	3/1/11			
	6/30/11	GS	REMOVED BACKFLOW, METER BOX, AND REVISED NOTES	SMM	6/30/11	SUBMITTED	VJB	3/1/11			
REFERENCES:				SCALE: NONE		RECOMMENDED		Joe Mouawad	3/15/11	APPROVED Charlie J. Bachmann	
FILE I.D.: \kawaii\eng\std dwgs\B-965.dgn				DRAWN BY: GS				DIRECTOR OF ENGINEERING	DATE	ASSISTANT GENERAL MANAGER	
										3/14/11	DATE
											B-965