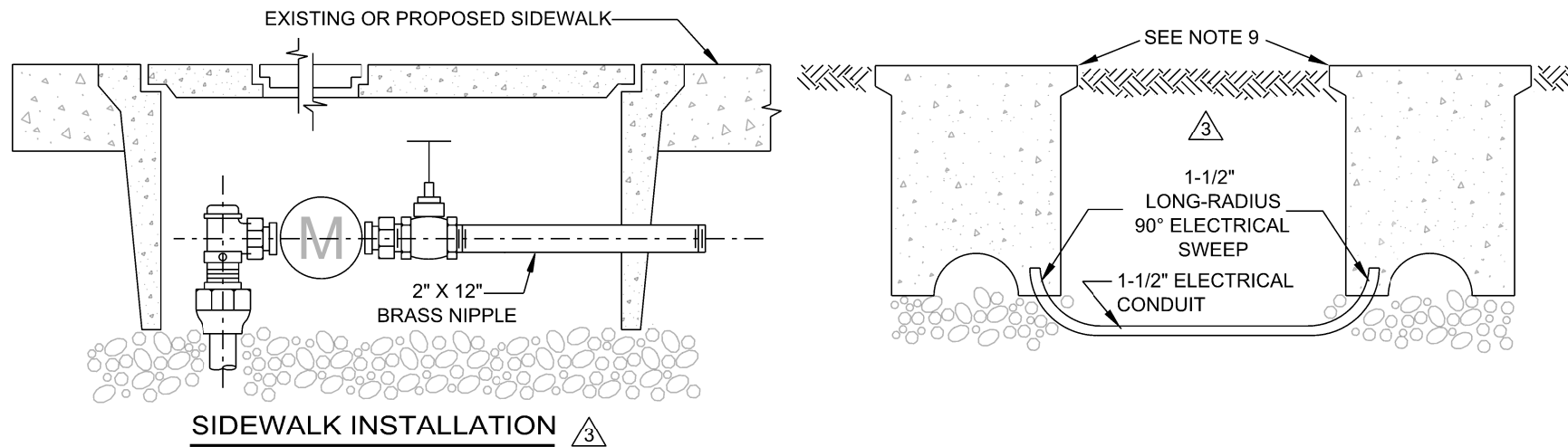


FLOW RATE TABLE ³

LATERAL SIZE	METER SIZE	FLOWRATE (GPM)	VELOCITY (ft/s)	METER LENGTH
2" COPPER	1" MULTIJET	30	3.19	10 3/4"



GENERAL NOTES

1. ALL PIPE AND 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.
2. PRESSURE TEST PER EMWD SPECIFICATIONS.
3. ALL BARE IRON AND STEEL SHALL BE COATED WITH CEMENT MORTAR AS PER THE FIELD ENGINEER..
4. ALTERNATE MATERIALS MAY BE USED UPON APPROVAL BY THE ENGINEER.
5. CORPORATION STOP, FITTINGS, AND SERVICE LINE WITHIN 3 FEET OF SADDLE SHALL BE PRIMED AND WRAPPED WITH APPROVED COAL-TAR RESIN TAPE.
- ³ 6. ALL SERVICE PIPE AND TUBING SHALL BE LAID ON A POSITIVE SLOPE FROM THE WATER MAIN TO THE METER, NO DIPS, OR POCKETS IN THE LINE WILL BE PERMITTED. 36" COVER SHALL BE MAINTAINED AT GAS MAIN CROSSINGS.
7. THREAD NOTATION SHOWN THUS:
 - IP = IRON PIPE THREAD;
 - CS = CORPORATION STOP (MUELLER) THREAD;
 - PJ = PACK JOINT.
8. METER BOXES SHALL BE EMWD APPROVED 13" X 24" COMPLETE WITH COVER AND LID. LID TO BE PAINTED APPROVED PURPLE.
9. EMWD TO LOCK OFF ANGLE METER STOP UNTIL METER IS INSTALLED. NO METER SHALL BE INSTALLED UNTIL APPROVED BY EMWD.
 - A. METER SHALL BE PER EMWD APPRVD. MATER. LIST W/ AMR & READ IN CUBIC FEET.
 - B. NO JUMPER SHALL BE INSTALLED.
 - C. 10" BRASS NIPPLE, VALVE AND METER FITTINGS SHALL BE INSTALLED WHEN METER IS INSTALLED.
10. METER PORT HOLES CENTER TO BE INSTALLED 9-3/4" BELOW TOP OF METER BOX.
- ² 11. INSTALL LOCATOR IDENTIFICATION TAPE (CHRISTY'S PART NO. TA-DT-03-PRW) PER E.M.W.D. SPEC.
- ² 12. METER SHALL BE PAINTED APPROVED PURPLE WHEN METER IS INSTALLED
- ² 13. NO METER SHALL BE INSTALLED BEFORE FINAL INSPECTION AND CROSS CONNECTION SHUT DOWN TESTS HAVE BEEN PERFORMED AND APPROVED BY E.M.W.D.
- ² 14. BURIED COPPER TO BE ENCASED IN 8-MIL PURPLE POLYETHYLENE SLEEVE.
- ² 15. RECYCLED WATER METER ANGLE STOP / BALL VALVE AND 2" X 1" REDUCER BUSHING SHALL BE COATED WITH PURPLE ENAMEL PAINT. ADD "RECYCLED WATER" TAG TO CURB STOPS.
- ² 16. INSPECTORS SHALL METAL STAMP METER ANGLE STOP / BALL VALVE WITH "RW"
- ² 17. CURB SHALL BE INSCRIBED WITH "RW" TO IDENTIFY RECYCLED WATER SERVICE LOCATION.

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 8).
- C. WHEN NO SIDEWALK IS PROPOSED, PLACE FRONT EDGE OF BOX 7.5' 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.
- E. WHEN INSTALLED IN CONCRETE (SIDEWALK) USE EMWD APPROVED 17" X 30" METER BOX COMPLETE W/ COVER & LID.

REVISIONS						APPROVALS		
NO	DATE	INITIAL	DESCRIPTION	APP'D	DATE		INITIAL	DATE
³	6/9/15	GS	REMOVED ALL 1" REFERENCES, ADDED 2" LATERAL INSTALLATION, NOTES, ADDED FLOW RATE TABLE, AND INTALLATION DETAIL	AGA	6/9/15	DESIGN	CM	4/28/05
²	9/2/08	RE	ADDED NOTES # 11 THRU 17	JM	10/9/09	CONSTRUCTION		
¹	9/28/05	CM	CHANGE DRWG NO. FROM PB-10 TO PB-12	VB	9/23/05	INSPECTION	CD	4/28/05
						OPERATIONS	K.G.	4/28/05
						SUBMITTED	VB	4/29/05



EASTERN MUNICIPAL WATER DISTRICT
STANDARD DRAWING

1" RECYCLED WATER ¹ ³
METER INSTALLATION

REFERENCES:	SCALE: NONE
FILE I.D.: \kawaii\engineering\std\dwgs\PB-12.dgn	DRAWN BY: CM

APPROVED: <i>C J BACHMANN</i>	4/29/05	PB-12
ASST. GENERAL MANAGER, ENGINEERING	DATE	