2" RECYCLED SERVICE CONNECTION

2" IRON PIPE SIZE

FUTURE METER SIZE

FLOW RATE (GPM)

EMERG. STD.

VELOCITY (F/T/S)

METER LENGTH

1/4" MASTER

PB-12

1.6

75"

1/2" MASTER

PB-12

2.13

75"

3/4" MASTER

PB-12

3.19

100"

1" MASTER

PB-11

7.08

12"

3/8" STEEL PIPE

MINIMUM 5" SEPARATION BETWEEN SEWER LATERAL AND WATER SERVICE.

7. THREAD NOTATION SHOWN THUS:

PB-12 = IRON PIPE THREAD.

CS = CORROSION STOP (MUELLER) THREAD.

PJ = PACK JOINT

8. METER BOX SHALL BE EMWD APPROVED 17" x 30" COMPLETE WITH COVER, LID, AND ONE (1)-7" EXTENSION WITH KNOCKOUTS AND AMERICAN ANTENNA PORT (SEE NOTE F FOR SIDEWALK INSTALLATION). LID TO BE PAINTED APPROVED PURPLE.

9. VALVE BOX SHALL BE EMWD APPROVED 8" DIA x 10" DEEP COMPLETE WITH COVER AND ONE (1)-6" EXTENSION LID TO BE PAINTED APPROVED PURPLE.

10. METER PORT HOLES TO BE INSTALLED:

A. 1/8" R/F/B TOP OF METER BOX FOR METER TILT F/METER

B. 1/8" BELOW TOP OF METER BOX FOR COMPASS METER

C. 1/8" BELOW TOP OF METER BOX FOR TURBINE METER

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

12. INSTALL LOCATOR IDENTIFICATION TAPE (CHRISTIAN'S PART NO. TA-DT-03-PWR) PER EMWD SPEC.

13. METER TO BE PAINTED APPROVED PURPLE AND REGISTER TO READ IN ACRE FEET.

14. NO METER SHALL BE INSTALLED UNTIL FINAL INSPECTION AND CROSS CONNECTION SHUT DOWN TESTS HAVE BEEN PERFORMED AND APPROVED BY EMWD.

15. E.M.W.D. TO LOCK-OFF METER ANGLE STOP UNTIL METER IS INSTALLED.

16. BURIED CLOSER TO BE ENCASED IN 6-8 MILE POLYETHYLENE SLEEVE.

17. RECYCLED WATER METER ANGLE STOP / BALL VALVE SHALL BE COATED WITH PURPLE ENAMEL PAINT ADD "RECYCLED WATER" TAG TO CUTOFF TOPS.

18. INSPECTORS SHALL METAL STAMP METER STOP / BALL VALVE "RW".

19. CUBS SHALL BE INSRIDED WITH "50W" TO IDENTIFY RECYCLED WATER SERVICE LOCATION.

20. SYSTEMS WITH ONSITE PUMPS SHALL NOT EXCEED 5 FPS VELOCITY WITHIN THE SERVICE LATERAL. SYSTEMS WITHOUT PUMPS, SHALL NOT EXCEED 10 FPS.

PLACEMENT OF METER BOX

A. PLACE FRONT EDGE OF METER BOX 1 5/8" BEHIND EXISTING OR PROPOSED 6" OR 8" SIDEWALK.

B. WHEN PROPOSED OR EXISTING SIDEWALK IS 12" WIDE, PLACE FRONT EDGE OF BOX 1 1/2" BEHIND CURB USING APPROPRIATE BOX.

C. WHEN NO SIDEWALK IS PROPOSED, PLACE FRONT EDGE BOX 7 1/2" BEHIND CURB.

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

E. MINIMUM 5" SEPARATION BETWEEN SEWER LATERAL AND WATER SERVICE.

F. WHEN INSTALLED IN CONCRETE (SIDEWALK), USE 20" x 48" METER BOX WITH 2 PIECE LID ASSEMBLY TO INCLINE C READING LID.

REFERENCES:

FILE I.D.: kawaiengineering/standard/dwgs/EB-10A.dgn

DRAWN BY: GS

RECOMMENDED BY: Joseph D. Van Sickle

APPROVED BY: G. Hunter Kruger

DATE: 1/30/93

REVISIONS:

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SIGNATURE: Scale: None

DRAWN BY: GS

RECOMMENDED BY: Joseph D. Van Sickle

APPROVED BY: G. Hunter Kruger

DATE: 1/30/93

PAGE: 10A

EASTERN MUNICIPAL WATER DISTRICT

STANDARD DRAWING

EASTERN MUNICIPAL WATER DISTRICT

DIRECTOR OF ENGINEERING

APPROVED BY: G. Hunter Kruger

CHIEF ENGINEER

DATE: 1/30/93