



**AGRICULTURAL METER SERVICE INSTALLATION**

NOT TO SCALE

**NOTES:**

1. ALL CML&C PIPE SHALL MEET EMWD SPECIFICATION 15061.
2. PRESSURE TEST PER EMWD SPECIFICATIONS.
3. ALL BELOW GRADE BARE IRON AND STEEL SHALL BE COATED WITH CEMENT MORTAR PER EMWD SPECIFICATIONS.
- △ 4. RECYCLED WATER SERVICE SHALL HAVE ALL ABOVE GRADE BARE IRON AND STEEL PAINTED PANTONE 522C PER EMWD SPECIFICATIONS.
- △ 5. POTABLE WATER SERVICE SHALL HAVE ALL ABOVE GRADE BARE IRON AND STEEL PAINTED ???? PER EMWD SPECIFICATIONS.
6. ALTERNATE MATERIALS MAY BE USED UPON APPROVAL BY EMWD.
7. EASEMENT WILL BE REQUIRED IF SERVICE IS INSTALLED OUTSIDE OF RIGHT OF WAY (R.O.W.).
8. INSTALL (4) FOUR GUARD POSTS PER B-665.
- △ 9. METER ENCLOSURES PER B-994 WILL BE REQUIRED AT THE DIRECTION OF EMWD.
- △ 10. ALL MATERIALS SHALL BE FROM EMWD'S APPROVED MATERIAL LIST.
- △ 11. METER INSTALLATION SPECIFICATION PER METER MANUFACTURER.
- △ 12. TEST PORT (COUPLING & PLUG) SHALL BE 2" (IP) FOR 6" & SMALLER METERS, 4" (IP) FOR 8" METER, & 6" (IP) FOR 12" & LARGER METERS.

**MATERIAL LIST**

ITEM	QTY	DESCRIPTION
①	1 EA	AMR/AMI PROP METER W/ INTELLIGENT COMMUNICATION ENCODERS (AMI) (SEE NOTE 10)
△ 2	1 EA	GATE VALVES W/ 2" OPER. NUT (U.L. APPROVED)
△ 3	1 EA	F X VICTAULIC SPOOL LENGTH EQUALS (2) TWO X PIPE DIAM.
△ 6 △ 3	1 EA	F X F SPOOL LENGTH EQUALS (5) FIVE X PIPE DIAM.
⑤	2 EA	ADJUSTABLE PIPE SUPPORT
⑥	4 EA	FXF 90° ELBOW
⑦	1 EA	FXF DIP OR CML&C SPOOL (LENGTH AS REQUIRED)
⑧	1 EA	VICTAULIC X F SPOOL 6" LENGTH W/ COUPLING & PLUG
△ 4 △ 3	1 EA	COUPLING & PLUG (SEE NOTE 11)
△ 3	1 EA	BUTTERFLY VALVES W/ 2" OPER. NUT (U.L. APPROVED)
△ 6	1 EA	8' TO 10' COPPER GROUNDING ROD AND WIRE (ROD LENGTH PER EMWD DIRECTION)
⑫	2 EA	CONCRETE PAD 12" X 12" X 4"
△ 6	1 EA	FxH ADAPTER AS REQUIRED TO CONNECT LATERAL MATERIAL TO DIP OR CML&C ELBOW
△ 3	1 EA	VICTUALIC COUPLING

**REVISIONS**

NO.	DATE	INITIAL	DESCRIPTION
△ 6	6/3/22	GS	ADDED GROUNDING ROD, REMOVED METER BOX, REVISED NOTES
△ 5	5/6/19	GS	UPPDATED THRUST BLOCK, EMWD AND CUSTOMER DELINEATION
△ 4	2/16/2017	GS	UPDATED BORDER, LOGO AND NOTE FOR TEST PORTS
△ 3	1/20/12	GS	UPDATED NOTES, MAT'S., TOP VIEW, REMOVED ENCLOSURE & REINFORCED CONCRETE PAD

**APPROVALS**

APP'D	DATE	INITIAL	DATE
AGA	6/3/22	GS	5/13/05
AGA	5/6/19		
AGA	2/21/17	C.D.	5/16/05
SMM	1/11/06	K.G.	5/13/05
		VJB	5/16/05



**EASTERN MUNICIPAL WATER DISTRICT  
STANDARD DRAWING**

**AGRICULTURAL ABOVE GROUND  
METERED SERVICE  
POTABLE & RECYCLED WATER**

REFERENCES:

FILE I.D.:

SCALE: NONE

DRAWN BY: GS

APPROVED *Charlie Bachmann*  
CHIEF ENGINEER

5/16/05  
DATE

**PB-17**

