



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. ALL ABOVE GRADE BARE IRON AND STEEL SHALL BE PAINTED PANTONE 522C PER EMWD SPECIFICATIONS
5. ALTERNATE MATERIALS MAY BE USED UPON APPROVAL BY EMWD.
6. EASEMENT WILL BE REQUIRED IF SERVICE IS INSTALLED OUTSIDE OF RIGHT OF WAY (R.O.W.)
7. INSTALL (4) FOUR GUARD POSTS PER B-665
- △ 8. METER ENCLOSURES PER B-994 WILL BE REQUIRED AT THE DIRECTION OF EMWD
- △ 9. ALL MATERIALS SHALL BE FROM EMWD'S APPROVED MATERIAL LIST
- △ 10. METER INSTALLATION SPECIFICATION PER METER MANUFACTURER
- △ 11. 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.
④	1 EA	FxH ADAPTER AS REQUIRED TO CONNECT LATERAL MATERIAL TO DIP OR CML&C ELBOW
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
△ ⑨	1 EA	COUPLING & PLUG (SEE NOTE 11)
△ ⑩	1 EA	BUTTERFLY VALVES W/ 2" OPER. NUT (U.L. APPROVED)
△ ⑪	1 EA	9 1/2" X 16" METER BOX WITH QUICK READ LID PER EMWD'S APPROVED MATERIAL LIST
⑫	2 EA	CONCRETE PAD 12" X 12" X 4"
△ ⑬	1 EA	F X F SPOOL LENGTH EQUALS (5) FIVE X PIPE DIAM.
△ ⑭	1 EA	VICTUALIC COUPLING

REVISIONS				APPROVALS			
NO.	DATE	INITIAL	DESCRIPTION	APP'D	DATE	INITIAL	DATE
△ 5	5/6/19	GS	UPPATED THRUST BLOCK, EMWD AND CUSTOMER DELINEATION	AGA	5/6/19	GS	5/13/05
△ 4	2/16/2017	GS	UPDATED BORDER, LOGO AND NOTE FOR TEST PORTS	AGA	2/21/17		
△ 3	1/20/12	GS	UPDATED NOTES, MAT'S., TOP VIEW, REMOVED ENCLOSURE & REINFORCED CONCRETE PAD	SMM	1/11/06	C.D.	5/16/05
△ 2	1/11/06	CM	REMOVE HAND WHEEL & CHANGE MAT'L LIST	JM	1/11/06	K.G.	5/13/05
REFERENCES:				SCALE: NONE			
FILE I.D.: \kauai\engineering\stddwgs\pb17.dgn				DRAWN BY: GS			



**EASTERN MUNICIPAL WATER DISTRICT
STANDARD DRAWING**

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

APPROVED Charlie Bachmann 5/16/05
CHIEF ENGINEER DATE

PB-17