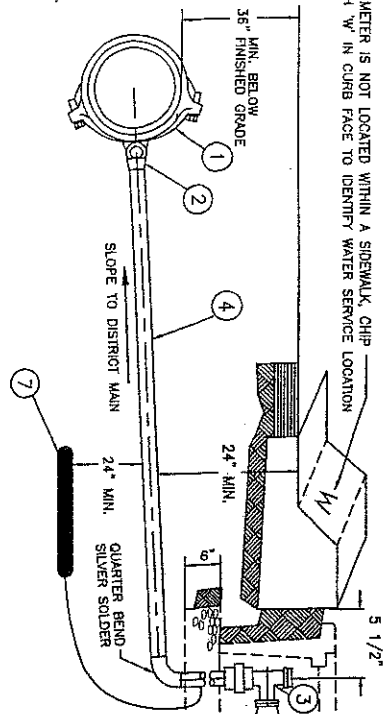


WHEN METER IS NOT LOCATED WITHIN A SIDEWALK, CHIP
2 INCH "W" IN CURB FACE TO IDENTIFY WATER SERVICE LOCATION



CUSTOMER SERVICE VALVE AND TEST TAP
REQUIRED ON CUSTOMER SIDE OF METER
FOR ALL SERVICES. METER TO BE
PURCHASED FROM SHAWD AND INSTALLED
BY THE CUSTOMER.

BASE OF 3/4" ROCK

*CHANGE 9 1/4"
DIMENSION TO
11 1/2".*

*GM
10/22/12*

CONSTRUCTION ITEMS / MATERIALS LIST

ITEM	SIZE AND DESCRIPTION	MANUFACTURER	MFR. CAT. NO. OR SPEC.
1	SERVICE SADDLE WITH IP THRD FOR: ASBESTOS-CEMENT PIPE (ACP) POLYVINYL-CHLORIDE PIPE (PVC) DUCTILE-IRON PIPE (DIP)	ACP FORD MUELLER AY McDONALD PVC FORD MUELLER AY McDONALD DIP ROMAC	20285 20285 3846 3846 20285 20285 3846 3846 STYLE 306 STAINLESS STEEL
2	2" BRONZE CORPORATION STOP	FORD MUELLER JAMES JONES	FB-700 H-15025 J-1829
3	2" BRONZE ANGLE METER STOP WITH LOCKING	FORD MUELLER JAMES JONES	FP23-668W H-14286 J-1525-F
4	2" COPPER TUBING WITH POLYETHYLENE SLEEVE	SEE NOTE 14	TYPE "K" SOFT
5	METER BOX (WITH READING UD) SEE NOTE 8	EISEL	6101MW 2"
6	CUSTOMER BALL VALVE	AY MC DONALD JONES	J1912 3/4" X 2-1/2" BRASS TEE W/ PLUG
7	16 LB ZINC ANODE		

NOTES

- DOUBLE STRAP SERVICE SADDLE REQUIRED FOR ALL MAINS.
- INSTALL CORPORATION STOP TAP WITH KEY SIDEWAYS, IN OPEN POSITION, MACHINE WITH GUIDE OR PILOT TAP.
- THE CORPORATION STOP TAP WILL BE SPECIFIED BY THE PIPE MANUFACTURER, ALL DRY TAPS WILL BE MADE USING THE WATER SERVICE SHALL EXTEND PERPENDICULAR TO THE CENTERLINE OF THE STREET FROM THE WATER MAIN TO THE METER STOP EXCEPT IN CUL-DE-SAC ENDS, WHERE NON-PERPENDICULAR INSTALLATION IS ALLOWED.
- NO TAP TO MAIN SHALL BE WITHIN 12" OF A COUPLING OR WITHIN 24" OF ANOTHER TAP.
- METER BOXES SHALL BE INSTALLED DIRECTLY BEHIND THE CURB WHETHER SIDEWALK IS DIRECTLY BEHIND THE CURB OR NOT. ANGLE METER STOP SHALL BE POSITIONED TO ALLOW FULL OPERATION OF BOTH VALVES.
- SILVER SOLDER COUPLING SHALL BE USED FOR SPLICERS.
- STEEL COVER WITH 8" X 11" HINGED READING UD, SHALL BE INSTALLED ON METER BOX WHERE ROLLED CURB AND GUTTER, NO CURB OR DRIVEWAY CONDITION EXISTS.
- IF REQUIRED BACKFLOW PREVENTER SHALL BE INSTALLED ON CUSTOMER SIDE OF METER AND INSTALLED AND CERTIFIED PRIOR TO ACTIVATION OF THE WATER METER.
- FOR SERVICE TAP OF STEEL MAINS, SEE DRAWING W28.
- FOR METERS IN SLOPES, SEE DRAWING W28.
- CONTACT THE DISTRICT FOR APPROVED LIST OF BACKFLOW PREVENTION ASSEMBLIES.
- ANODE LEAD WIRE SHALL BE CLAMPED TO COPPER TUBING, CLAMP SHALL BE DIRECT BURIAL TYPE OF RED BRASS WITH BRASS SCREWS.
- COPPER TUBING SHALL BE DOUBLE POLYETHYLENE ENCASED WITH 4 MIL. MINIMUM THICKNESS, AND ALL OPENINGS IN THE SLEEVES SHALL BE TAPED SHUT WITH POLYMER # 900 TAPE WRAP, OR APPROVED EQUAL. TAPE SHALL BE APPLIED IN STRICT CONFORMANCE WITH MANUFACTURER'S RECOMMENDATIONS.
- INSTALL SACRIFICIAL ANODE CONSISTING OF 15 LB. HIGH PURITY ZINC BAR BARGED IN A BACKFILL OF CALCIUM BENTONITE AND GYPSUM, WITH NO.12 SOLID COPPER HANGER LEAD WIRE, BURY ANODE IN SERVICE LINE TRENCH, SATURATE ANODE WITH WATER PRIOR TO BACKFILLING TRENCH.

REVISION	DRAWN	APP'D	DATE	Santa Margarita Water District	2 INCH WATER SERVICE	STANDARD DRAWING NUMBER W3
Δ	R.D.	D.F.	OCT. 01			
Δ	R.D.	D.F.	AUG. 07			
APPROVED			395535	9/25/96		
CHIEF ENGINEER			RGE	DATE		