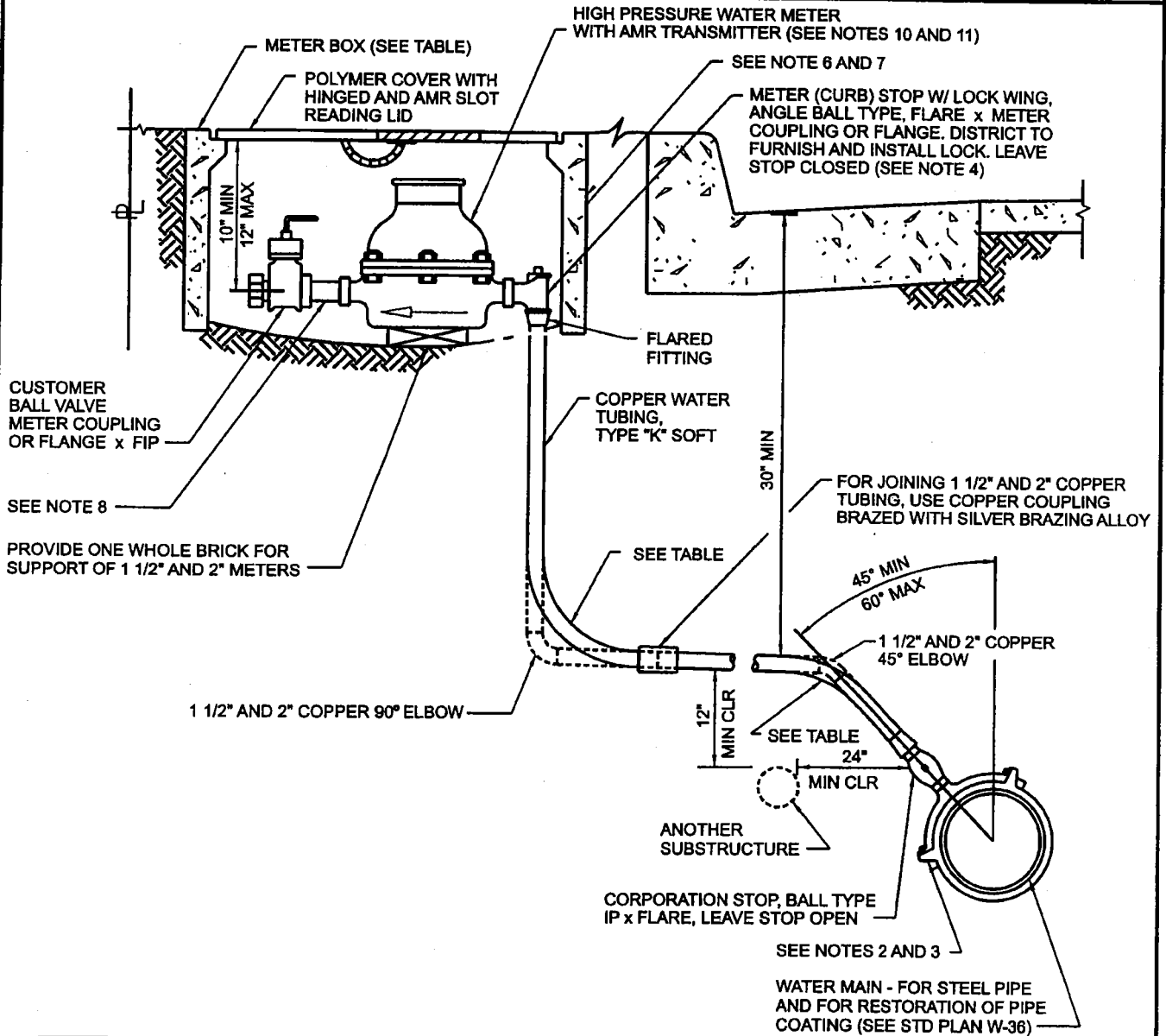


WATER SERVICE CONNECTION AND METER

(2" AND SMALLER, 150 to 500 PSI MAX WWP)



| METER VALVE SIZE | MAIN GLOBE VALVE SIZE | MIN SIZE TUBING | MIN RADIUS TUBING BEND | POLYMER METER BOX NOMINAL INSIDE DIMENSION |
|------------------|-----------------------|-----------------|------------------------|--|
| 3/4" | 1" | 1" | 18" | 13"W x 24"L x 12"D |
| 1" | 1" | 1" | 18" | 13"W x 24"L x 12"D |
| 1 1/2" | 1 1/2" | 1 1/2" | COPPER ELBOW | 30"W x 48"L x 14"D WITH TWO-PIECE LID |
| 2" | 2" | 2" | COPPER ELBOW | 30"W x 48"L x 14"D WITH TWO-PIECE LID |

NTS

LOS ANGELES COUNTY WATERWORKS DISTRICTS

DEPARTMENT OF PUBLIC WORKS

STANDARD PLAN

W-7

APPROVED

ASSISTANT DEPUTY DIRECTOR

MAY 2007

DATE

SHEET 1 OF 2

WATER SERVICE CONNECTION AND METER (CONTINUED)

(2" AND SMALLER, 150 to 500 PSI MAX WWP)

GENERAL NOTES:

1. NO METER BOX SHALL BE INSTALLED CLOSER THAN TEN (10) FEET FROM EDGE OF DRIVEWAY APRON (TOP OF X), OR TEN (10) FEET FROM THE PROJECTION OF THE EDGE OF THE GARAGE OPENING, WHICHEVER PROVIDES THE LARGEST SEPARATION BETWEEN THE METER BOX AND THE DRIVEWAY.

NO METER BOX SHALL BE INSTALLED IN A LOCATION WHERE VEHICLE LOADING MAY DAMAGE THE METER BOX AND/OR METER.

NO METER BOX SHALL BE INSTALLED ADJACENT TO SIDEWALK TRANSITIONS WHERE WALKWAY IS NOT PARALLEL TO STREET.
2. MINIMUM DISTANCE BETWEEN SERVICE TAPS ON MAIN TO A BELL, COUPLING, JOINT, OR FITTING IS 36".
3. USE MALLEABLE-IRON OR DUCTILE-IRON DOUBLE STRAP CLAMPS ON CAST IRON, DUCTILE-IRON, AND STEEL PIPE (LESS THAN 10 GA WALL THICKNESS). USE BRONZE DOUBLE STRAP CLAMPS ON ACP. USE A WELDED THREADED OUTLET ON STEEL PIPE (WALL THICKNESS 10 GA AND GREATER). ON ALL METALLIC MAINS, INSTALL AN INSULATING BUSHING BETWEEN CLAMP OR WELDED THREADED OUTLET AND STOP. CLAMP OR WELDED OUTLET SHALL HAVE OUTLET ONE SIZE LARGER THAN STOP TO ALLOW FOR BUSHING. (SEE STANDARD PLAN W-36.)
4. TEST AT SYSTEM PRESSURE AND FLUSH SERVICE LINE BEFORE LOCKING.
5. ONLY EXCAVATED SOIL OR BACKFILL MATERIAL APPROVED BY DISTRICT IS TO BE USED TO BACKFILL TRENCH. NO TRASH IS TO BE LEFT IN TRENCH.
6. FRONT EDGE OF METER BOX TO BE PLACED AGAINST REAR OF CURB EXCEPT WHEN THERE IS A SIDEWALK ADJACENT TO REAR OF CURB. THEN, FRONT EDGE OF METER BOX TO BE PLACED AGAINST REAR OF SIDEWALK.
7. ALL SERVICE CONNECTIONS SHALL BE INSTALLED FROM THE MAIN IN THE STREET FROM WHICH THE SERVICE IS ADDRESSED, AT RIGHT ANGLES TO THE WATER MAIN, LOCATED AS SHOWN ON PLANS OR DIRECTED BY DISTRICT, AND NOT CLOSER THAN TEN (10) FEET TO ANY DRIVEWAY (TOP OF X), GARAGE OPENING, WALKWAY, CURB RETURN, OR OTHER UTILITY UNLESS OTHERWISE NOTED ON PLAN.
8. ALL 1 1/2-INCH AND 2-INCH METERS SHALL HAVE FLANGE CONNECTIONS ON THE MAIN CASE, AND ALL NECESSARY BOLTS, NUTS AND RUBBER GASKETS.
9. IF METER SIZES LARGER THAN 3/4" ARE NOT AVAILABLE, USE MULTIPLE 3/4" METER MANIFOLDS TO PROVIDE SERVICE.
10. METERED WATER SERVICE CONNECTIONS MAY ONLY BE INSTALLED UNDER DISTRICT SUPERVISION, AFTER RECEIPT AND PROCESSING OF WATER SERVICE APPLICATION BY THE DISTRICT AND PAYMENT OF ALL APPLICABLE CHARGES.
11. THE WATER METER MUST BE COMPATIBLE WITH THE DISTRICT'S AUTOMATED METER READING (AMR) SYSTEM. FOR DETAILS, SEE METER SPECIFICATIONS ISSUED AT THE TIME OF APPLICATION FOR WATER SERVICE.
12. UPON DISTRICT ENGINEER'S APPROVAL, 1 1/2" AND 2" METERS MAY BE EXEMPT FROM PROVIDING AN AMR SYSTEM.

LOS ANGELES COUNTY WATERWORKS DISTRICTS

DEPARTMENT OF PUBLIC WORKS

STANDARD PLAN

W-7

APPROVED



ASSISTANT DEPUTY DIRECTOR

MAY 2007

DATE

SHEET 2 OF 2