CONSTRUCTION NOTES

1. MALE IPT BRASS NIPPLE ON (PRIVATE) SERVICE LINE, USA.
2. BRONZE METAL FLANGE, FEMALE IPT INLET. FORD CF-31-77 OR JONES J-129.
3. METER SHALL BE INSTALLED BY CITY AFTER METER BOX IS IN PLACE. MUELLER/HERSEY AMI METER.
4. ANGLE METER BALL STOP WITH FEMALE IPT INLET AND TEE–HEAD WITH LOCK–MNNG, JONES J-1974W OR FORD BFA13–777W.
5. TYPE "K" RIGID COPPER TUBING.
6. LONG RADIUS 90° ELBOW, NBBCO OR EQUIVALENT DOMESTIC COPPER FITTING.
7. IF SERVICE LINE IS OVER 20 FEET IN LENGTH, A COPPER FITTING (NBBCO OR EQUIVALENT DOMESTIC COPPER FITTING) MAY BE USED. FOR REPAIRS ONLY, A COMPRESSION FITTING MAY BE USED ONLY WITH AN APPROVAL FROM THE UTILITIES DEPARTMENT.
10. DFW HOPE METER BOX, DFW55CB–AF4T MUE NWPT–LID. BOXES SUBJECT TO TRAFFIC LOADING REQUIRE TRAFFIC RATED COVERS. (NO APPROVED EQUAL).
11. COPPER 45° ELBOW, NBBCO OR EQUIVALENT DOMESTIC COPPER FITTING.
12. 2" BRASS COUPLING, (THREADED) ON CORP, NBBCO, USA.
13. COPPER ADAPTER, MALE IPT X WROTT COPPER, NBBCO TYPICAL. NO THIN WALL FITTINGS.

GENERAL NOTES

1. WROTT COPPER, SILVER BRAZED, SOLDER COUPLINGS WILL BE PERMITTED AT INTERVALS OF 20 FEET OR GREATER.
2. TUBING MAY NOT BE BENT. ALL DEFORMATIONS AND CHANGES IN DIRECTION OF COPPER TUBE SHALL BE ACCOMPLISHED BY MEANS OF WROTT COPPER FITTINGS. BENT OR DAMAGED COPPER LINES SHALL BE REJECTED.
3. SPACING OF MULTIPLE SERVICE CONNECTIONS SHALL BE A MINIMUM OF 24" APART AND 45° ANGLE OR OTHERWISE PERMITTED BY UTILITIES DEPARTMENT.
4. SEE STD 510 FOR SERVICE CONNECTIONS ON STEEL WATER MAINS.
5. LEAD SOLDER SHALL NOT BE USED. SOLDER SHALL BE SILVER BASED MATERIAL.
6. FLARE AND COMPRESSION FITTINGS ARE STRICTLY PROHIBITED.
7. MAINTAIN POSITIVE SLOPE IN SERVICE LINE FROM WATER MAIN TO METER BOX. MAIN MAY BE TAPPED AT SPRING LINE (BY SPECIAL PERMISSION ONLY) WHERE MAINS ARE SHALLOW OR OTHER CONDITIONS WARRANT.
8. ALL FITTINGS SHALL BE 2" DIAMETER.
9. WHERE SERVICES ARE TO BE INSTALLED ON STEEL WATER MAINS, REFER TO STD 510.

FORMER CITY STANDARD PLAN NUMBER (2004 EDITION): STD 503–L

CITY OF NEWPORT BEACH DEPARTMENT OF PUBLIC WORKS

2" WATER SERVICE