



### CONSTRUCTION NOTES:

- ① Brass coupling with female I.P. thread.
- ② ③ Brass tail piece and meter installed by City after meter box is in place. Tail piece shall be ford C38-23-X (where X is the tail piece length in inches) or Jones J-134- $\frac{3}{4}$ " for a  $\frac{3}{4}$ " meter, and ford C38-44-X (where X is the tail piece length in inches) or Jones J-134-1" for a 1" meter.
- ④ Angle meter stop with copper flare inlet & lockwing, James Jones J-1525 or Ford KV23-444W.
- ⑤ Type "K" copper tubing.
- ⑥ Coupling with copper flare ends, Jones J-1528 or J-1529, Ford C-22-44 or CS-22-44.
- ⑦ Corporation stop, male c.c. threads inlet & copper flare outlet, Jones J-1500, Ford F700, or Mueller H-15025.
- ⑧ Double strap bronze service saddle with c.c. threads, Jones J-979 or Ford 202B.
- ⑨ Concrete meter box, Eisle #437. Boxes subject to traffic loading require cast iron traffic covers.
- ⑩ When installing a  $\frac{3}{4}$ " meter, install a meter bushing after the 1" angle stop. Bushing shall be Jones J-128-H or Ford A-34.

### GENERAL NOTES:

1. Couplings will not be permitted when service line is less than 60 feet in length.
2. All tubing and fittings between main and meter shall be 1" diameter (except where noted).
3. Tubing shall be bent with an approved bender. Distortion of O.D. shall not exceed  $\frac{1}{8}$  of its original diameter.
4. See STD-516-L for spacing of multiple tap connections.
5. See STD-505-L for service tap on steel water mains.
6. Compression fitting of all types are expressly prohibited from use.
7. Where services are to be installed on steel water mains, refer to STD-505-L. Where services are to be installed on cast or ductile iron water mains, change the saddle to a stainless steel service clamp with iron pipe threaded bushing. Ford FS202-IP4 for appropriate pipe diameter.

CITY OF NEWPORT BEACH  
PUBLIC WORKS DEPARTMENT

1" WATER SERVICE

APPROVED:

RCE NO. 36106

PUBLIC WORKS DIRECTOR

Drawn: M. Elias

Scale: N.T.S.

Date: Jan. 2004

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DRAWING NO.

STD-502-L