



* SEE GENERAL NOTE #7

CONSTRUCTION NOTES

- ① BRASS COUPLING WITH FEMALE I.P. THREAD, USA.
- ② 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 - 3/4" FOR A 3/4" METER, AND FORD C38-44-X (WHERE X IS THE TAIL PIECE LENGTH IN INCHES) OR JONES J-134-1.
- ③ MUELLER/HERSEY AMI METER.
- ④ ANGLE METER STOP WITH COPPER FLARE INLET AND LOCKWING, JAMES JONES J-1525 OR FORD KV23-444W. IF APPROVED FOR INLINE METER STOP, USE JAMES JONES J-1901W.
- ⑤ TYPE "K" COPPER TUBING.
- ⑥ CORPORATION STOP, MALE C.C. THREADS INLET AND COPPER FLARE OUTLET, JONES J-1500, FORD F600-4, OR MUELLER H-15000.
- ⑦ DOUBLE STRAP BRONZE SERVICE SADDLE WITH C.C. THREADS, JONES J-979 OR FORD 202B. FOR PVC, USE J-969 SERIES OR 202BS WRAP IN PLASTIC SHEETING (10 MIL.)
- ⑧ DFW HDPE METER BOX, DFW486C-AF4T MUE NWPT<->-LID. BOXES SUBJECT TO TRAFFIC LOADING REQUIRE TRAFFIC RATED COVERS. (NO APPROVED EQUAL).
- ⑨ WHEN INSTALLING A 3/4" METER, INSTALL A METER BUSHING AFTER THE 1" ANGLE STOP. BUSHING SHALL BE JONES J-128-H.

GENERAL NOTES

1. COUPLINGS WILL NOT BE PERMITTED WHEN SERVICE LINE IS LESS THAN 60 FEET IN LENGTH.
2. ALL TUBING AND FITTINGS BETWEEN THE MAIN AND THE METER SHALL BE 1" DIAMETER (EXCEPT WHERE NOTED). IF A COUPLING IS REQUIRED AND APPROVED, USE A COUPLING WITH COPPER FLARE ENDS, JONES J-1528 OR J-1529, FORD C-22-44 OR CS-22-44. FOR REPAIRS ONLY, A COMPRESSION FITTING MAY BE USED ONLY AND COUPLING WITH COPPER FLARE ENDS, JONES J-1528 OR J-1529, FORD C-22-44 OR CS-22-44 WITH AN APPROVAL FROM THE UTILITIES DEPARTMENT.
3. TUBING SHALL BE BENT WITH AN APPROVED BENDER. DISTORTION OF O.D. SHALL NOT EXCEED 1/8 OF ITS ORIGINAL DIAMETER.
4. SPACING OF MULTIPLE TAP CONNECTIONS SHALL BE A MINIMUM OF 24" APART AND 45° ANGLE OR OTHERWISE PERMITTED BY UTILITIES DEPARTMENT.
5. SEE STD 510 FOR SERVICE TAP ON STEEL WATER MAINS.
6. FOR ALL NEW INSTALLATIONS, COMPRESSION FITTING OF ALL TYPES ARE EXPRESSLY PROHIBITED FROM USE.
7. WHERE SERVICES ARE TO BE INSTALLED ON STEEL WATER MAINS, REFER TO STD 510. WHERE SERVICES ARE TO BE REPLACED ON EXISTING OR DUCTILE IRON WATER MAINS, CHANGE THE EXISTING SADDLE TO A STAINLESS STEEL SERVICE CLAMP WITH IRON PIPE THREADED BUSHING. FORD FS1-CC4 FOR APPROPRIATE PIPE DIAMETER.

FORMER CITY STANDARD PLAN NUMBER (2004 EDITION): STD 502-L

APP. <i>James M. Hinkle</i>	51568	11/24/2020			
CITY ENGINEER	RCE	DATE			
			NO.	DATE	DESCRIPTION OF REVISIONS

CITY OF NEWPORT BEACH DEPARTMENT OF PUBLIC WORKS

DRAWN: M. ELIAS	<h1>1" WATER SERVICE</h1>	STANDARD DRAWING NO.
DATE: 11/3/2020		<h1>502</h1>
		SHEET 1 OF 1