



NOT TO SCALE

NOTES:

1. ALL BURIED DUCTILE IRON PIPE, FITTINGS, VALVES AND APPURTENANCES SHALL BE COATED WITH A DIELECTRIC COATING. A LIQUID EPOXY COATING SYSTEM PER AWWA C-210 AT 24 MILS MINIMUM DRY FILM THICKNESS (MDFT), OR A COLD APPLIED THREE-PART SYSTEM PETROLEUM WAX TAPE PER AWWA C-217, OR A 100% POLYURETHANE COATING OF 24 MILS (MDFT) SUITABLE.
2. ANY CHANGES SHALL HAVE PUBLIC UTILITIES DEPARTMENT APPROVAL.
3. PIPING SHALL BE SYMMETRICAL TO SLAB CENTERLINE.
4. SUPPLY PIPE IS ONE COMMERCIAL SIZE LARGER THAN PROPOSED METER.
5. CONCRETE SLAB AND FENCE SHALL BE INSTALLED BY CONTRACTOR.
6. CONTACT CORROSION CONTROL SECTION FOR CORROSION REQUIREMENTS.
7. ALL METAL IN CONTACT WITH CONCRETE SHALL BE POLYETHYLENE WRAPPED USING 2" WIDE PLASTIC BACKED ADHESIVE TAPE 8 MILS THICK WITH 1/2" OVERLAP.
8. BACKFLOW SHALL BE INSTALLED IMMEDIATELY DOWNSTREAM FROM METER UNLESS APPROVED BY THE CITY CROSS-CONNECTION SPECIALIST.
9. BACKFLOW PREVENTERS SHALL BE REDUCED PRESSURE PRINCIPLE (RP) ASSEMBLY. (INSTALLED ABOVE GRADE AS CLOSE TO METER AS POSSIBLE) BACKFLOW LOCATION MUST BE APPROVED BY THE CROSS-CONNECTION CONTROL SECTION OF THE PUBLIC UTILITIES DEPT.

ITEMS CALL OUT:

- ① 90° FLANGED DUCTILE IRON ELBOW (TYP).
- ② FLANGED DUCTILE IRON SPOOL, BOTH ENDS SHALL BE FLANGED (UNI-FLANGE SHALL NOT BE USED).
- ③ DIAMETER OF TEE SHALL BE EQUAL TO THE DIAMETER OF THE SUPPLY PIPE.

SHEET 1 OF 2

REVISION	BY	APPROVED	DATE
ORIGINAL	KA	J. NAGELVOORT	12/12

CITY OF SAN DIEGO - STANDARD DRAWING

**DUAL ABOVE GROUND METER  
WITH PRIVATE BACKFLOW**

RECOMMENDED BY THE CITY OF SAN DIEGO  
STANDARDS COMMITTEE

*Handwritten Signature*  
COORDINATOR R.C.E. 65271 DATE 12/17/2012

DRAWING NUMBER **SDW-157**

LTR. CODE	PART DESCRIPTION	METER SIZE				
		3"	4"	6"	8"	10"
A	GATE VALVE	8"	9"	10 1/2"	11 1/2"	1'-1"
B	PIPE EXTENSION	1'-0"	1'-0"	1'-0"	1'-0"	1'-0"
C	STRAINER *	7"	9"	9"	10"	1'-0"
D	TURBINE WATER METER *	1'-0"	1-2"	1'-6"	1'-9"	2'-2"
E	COMPOUND METER *	1'-5"	2'-0"	2'-5"	3'-1"	4'-7"
F	TESTING TEE	11"	1'-1"	1'-4"	1'-6"	1'-10"
G	90 DEG. ELBOW (SHORT)	5 1/2"	6 1/2"	8"	9"	11"
H	OVERALL SLAB LENGTH *					
I	SLAB TO C/L PIPE	3'-0"	3'-0"	3'-0"	3'-0"	3'-0"

\* NOTES:

INDIVIDUAL DIMENSIONS MAY VARY PER MANUFACTURER OVERALL DIMENSIONS INCREASE WITH USE OF THESE COMPONENTS

DIMENSION CHART FOR METER ASSEMBLIES

SHEET 2 OF 2

REVISION	BY	APPROVED	DATE	CITY OF SAN DIEGO - STANDARD DRAWING	RECOMMENDED BY THE CITY OF SAN DIEGO STANDARDS COMMITTEE	
ORIGINAL	KA	J. NAGELVOORT	12/12			12/17/2012
				<b>DUAL ABOVE GROUND METER WITH PRIVATE BACKFLOW</b>	COORDINATOR R.C.E. 65271 DATE	
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