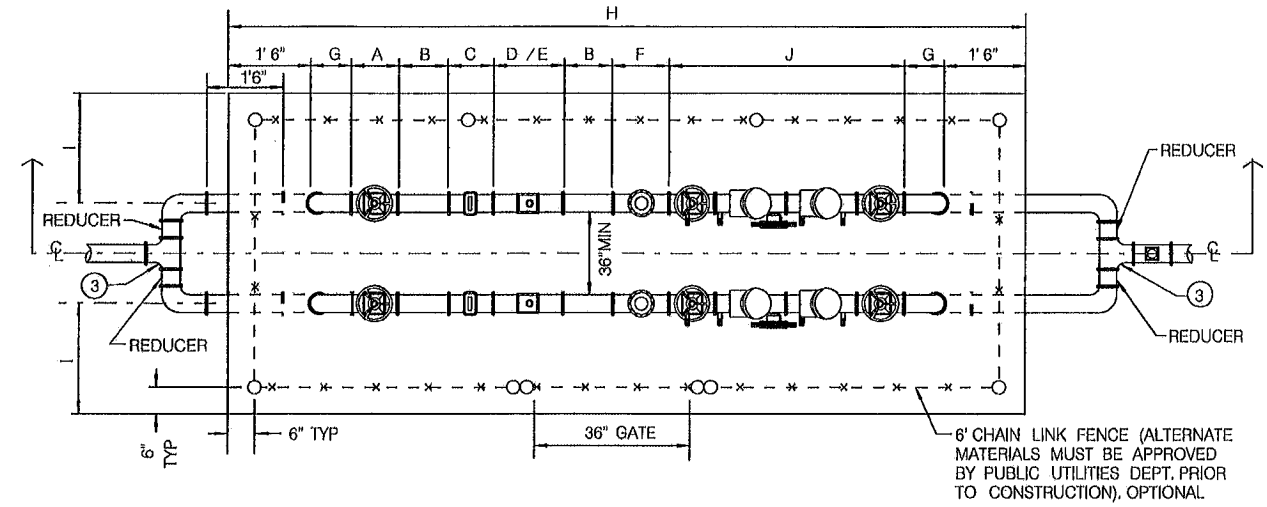

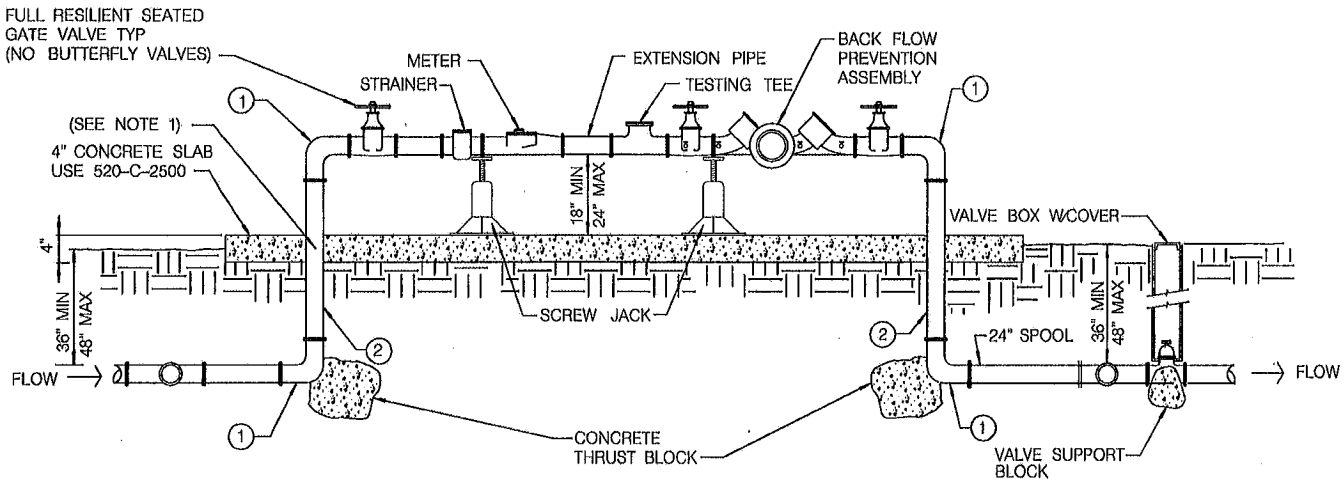

NOT TO SCALE

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 WILL BE INSTALLED BY CONTRACTOR.

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	JC		
REVISION	BM	A. OSKOUI	12/03
NOTES	JS	A. OSKOUI	12/06
UPDATED	KA	J. NAGELVOORT	01/12
UPDATED	KA	J. NAGELVOORT	12/12

CITY OF SAN DIEGO – STANDARD DRAWING

DUAL ABOVE GROUND METER AND BACKFLOW PREVENTION ASSEMBLIES

RECOMMENDED BY THE CITY OF SAN DIEGO STANDARDS COMMITTEE

COORDINATOR R.C.E. 65271 DATE 12/17/2012

DRAWING NUMBER **SDW-119**

LETTER CODE	METER SIZE / PART DESCRIPTION	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' – 6"	2' – 0"	2' – 6"
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 *	11' – 10"	12' – 11"	14' – 9"	16' – 3"	18' – 10"
I	SLAB TO ℄ PIPE	3' – 0"	3' – 0"	3' – 0"	3' – 0"	3' – 6"
J	BACKFLOW *	3' – 2"	3' – 4"	4' – 1/2"	4'– 4 1/2"	4'– 7 1/2"

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

REVISION	BY	APPROVED	DATE
ORIGINAL	JC		
REVISION	BM	A. OSKOUI	12/03
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