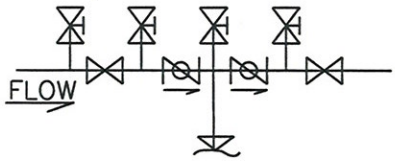
TEST COCK

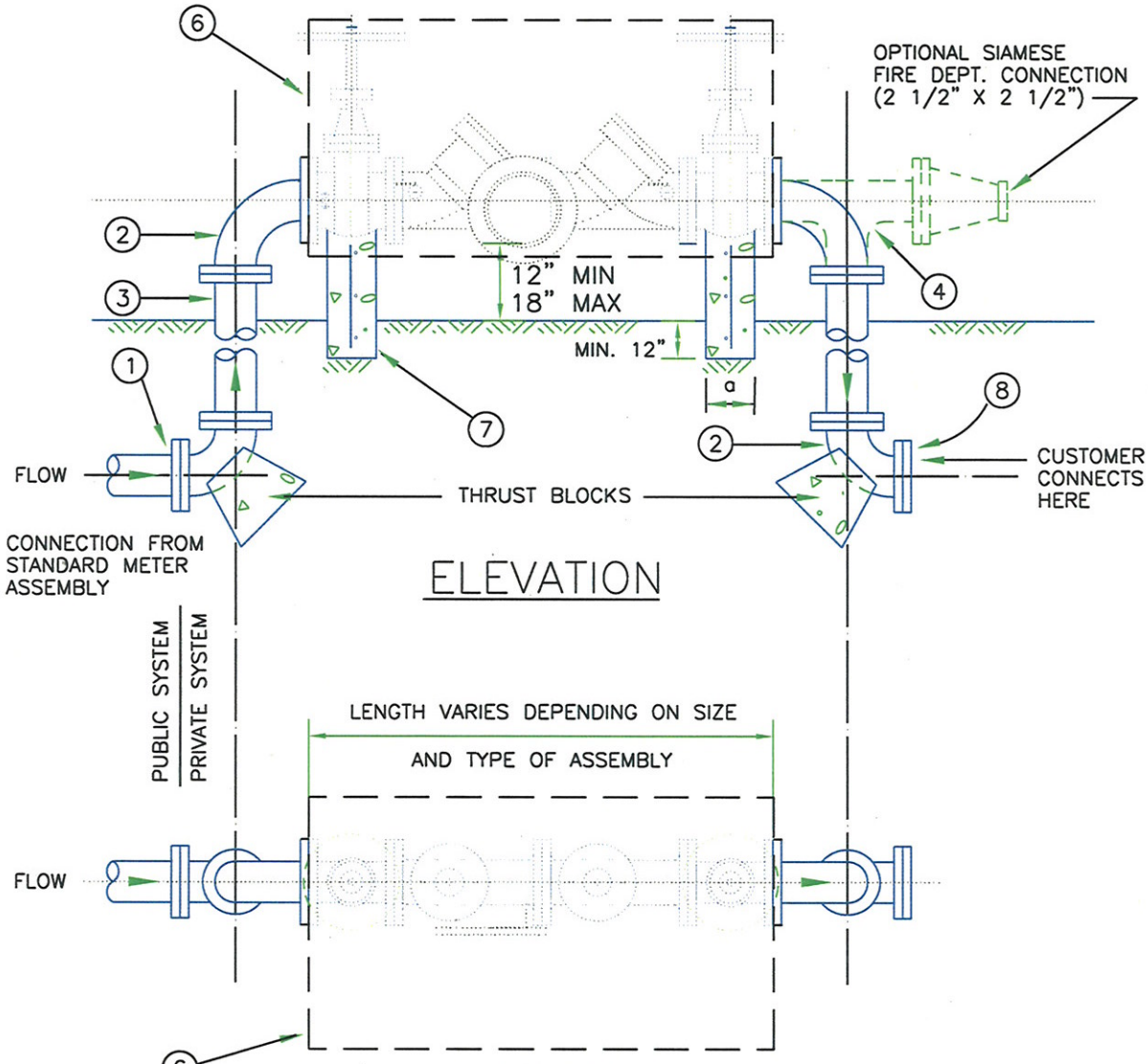
CHECK VALVE

VALVE, BALL OR GATE

REDUCED PRESURE PRINCIPLE ASSEMBLY.



SCHEMATIC



ELEVATION

PLAN

REDUCED PRESSURE PRINCIPLE ASSEMBLY

REVISIONS		
NO.	DATE	APPROVED

CITY OF SAN JUAN CAPISTRANO

APPROVED

WATER SERVICES MANAGER — DATE 1.15.08

STD. NO. W - 19

SHEET 1 OF 2

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MATERIAL NOTES

1. 90°DIP ELL FLANGED
2. 90° DIP ELL FLG X FLG
3. DIP SPOOL FLG X FLG
4. 90° DIP ELL FLG X FLG OR OPTIONAL DIP TEE AND SIAMESE FIRE DEPT. CONNECTION (2-1/2" X 2-1/2")
5. RESILIANT WEDGE OR GATE VALVE OS & Y FLG X FLG
6. APPROVED REDUCED PRESSURE DEVICE (SIZE DEPENDS UPON REQUIREMENT)
7. REINFORCED CONCRETE SUPPORT
   a) THICK – PIPE SIZE (MINIMUM 6")
   b) WIDTH – PIPE SIZE + 18"
   c) BURY – MINIMUM 12" (OR AS DIRECTED BY INSPECTOR)
   d) REINFORCING BARS – #4 BARS AT 6" O.C. EACH WAY (2 BARS MIN. VERTICAL)

   SUPPORTS MAY BE OMMITED IF MNFG'S SPECIFICATIONS DO NOT REQUIRE SUPPORTS.
8. TEMPORARY BLIND FLANGE

GENERAL NOTES

1. ALL UNITS MUST BE IN THE LATEST EDITION OF THE LIST OF APPROVED BACKFLOW PREVENTION DEVICES AS SUPPLIED BY THE "FOUNDATION FOR CROSS CONNECTION CONTROL AND HYDRAULIC RESEARCH" BY U.S.C. SCHOOL OF ENGINEERING (AVAILABLE FOR REVIEW AT CVWD).
2. NOTIFY CVWD PRIOR TO INSTALLATION OF UNIT.
3. INSTALLATION SHALL COMPLY WITH THE LATEST PLUMBING CODES AND APPLICABLE LOCAL AGENCY REQUIREMENTS.
4. UPON COMPLETION OF THE INSTALLATION OF THE DEVICE, A TEST SHALL BE PERFORMED AND A CERTIFICATE OF ADEQUACY AND OPERATIONAL COMPLIANCE SHALL BE FURNISHED TO CVWD. THE TEST SHALL BE PERFORMED BY A TESTING AGENCY APPROVED BY THE ORANGE COUNTY HEALTH DEPT.
5. THE ABOVE MATERIALS NOTES PERTAIN TO RPPA'S 3" AND LARGER. WHEN INSTALLING AN RPPA LESS THAN 3" IN SIZE, USE TYPE K RIDGID COPPER PIPE AND FITTINGS.
6. THRUST BLOCKS SHALL BE SIZED PER DWG. W-14.

REDUCED PRESSURE PRINCIPLE ASSEMBLY

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