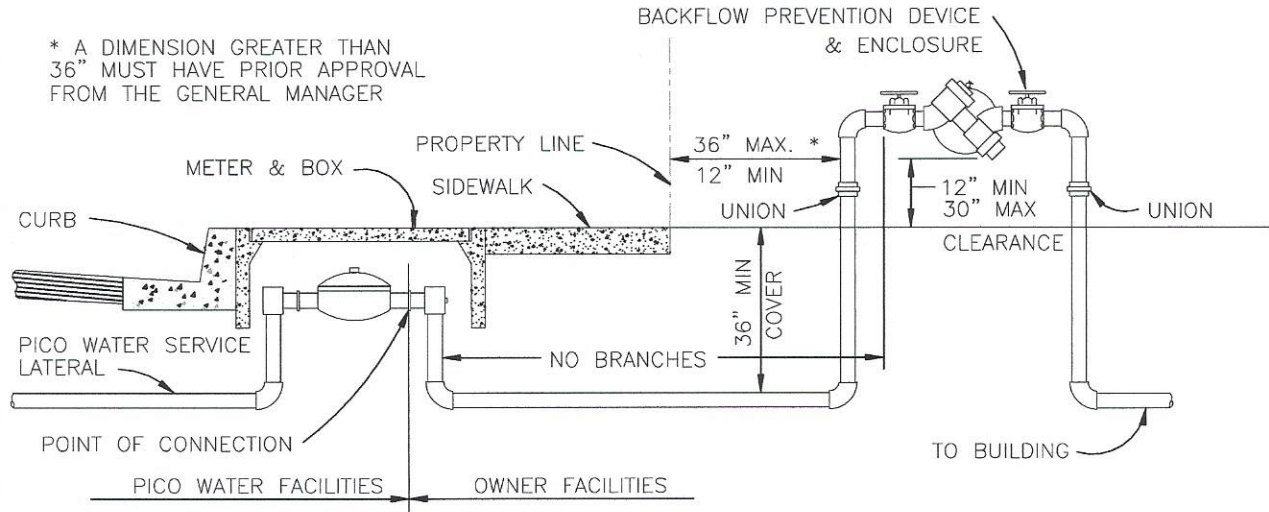


* A DIMENSION GREATER THAN 36" MUST HAVE PRIOR APPROVAL FROM THE GENERAL MANAGER

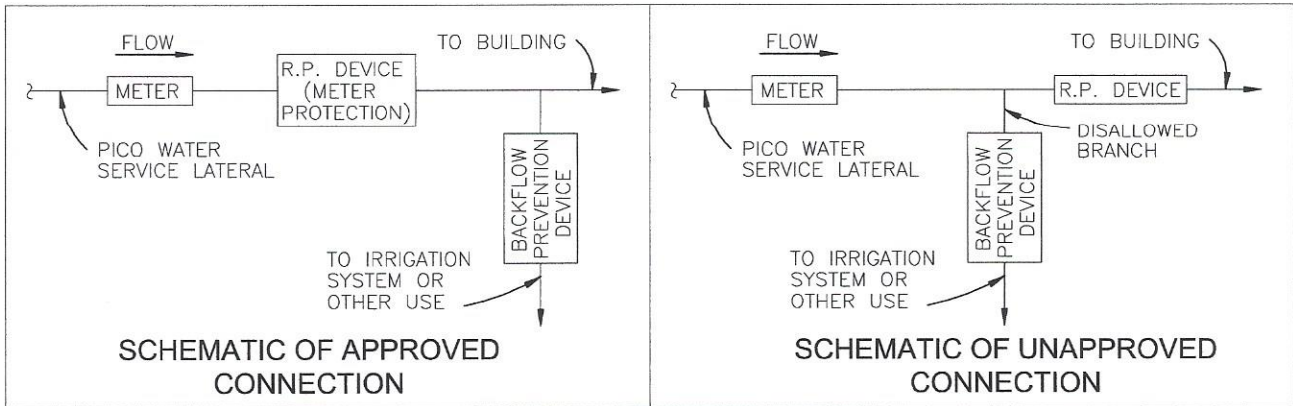


BACKFLOW PREVENTION DEVICE

TYPICAL INSTALLATION

TO BE USED FOR BOTH
REDUCED PRESSURE
PRINCIPLE & DOUBLE
DETECTOR CHECK

N.T.S.



PICO WATER DISTRICT

BACKFLOW PREVENTION DEVICE INSTALLATION

APP. Mark Grajeda

MARK J. GRAJEDA
GENERAL MANAGER

STANDARD
DRAWING NUMBER

W-34

DATE: NOV. 2017

SHEET
1 OF 2

GENERAL PROVISIONS:

1. ALL COMMERCIAL/INDUSTRIAL/INSTITUTIONAL METERED SERVICES SHALL BE PROTECTED BY A REDUCED PRESSURE PRINCIPLE BACKFLOW PREVENTION DEVICE (R.P. DEVICE).
2. R.P. DEVICES MUST BE PLACED ON PRIVATE PROPERTY AS CLOSE AS POSSIBLE TO THE METERED SERVICE.
3. NO BRANCHES (i.e., TEES, CROSSES ETC.) SHALL BE ALLOWED BETWEEN THE DEVICE AND THE METER.
4. R.P. DEVICE MUST BE APPROVED BY THE FOUNDATION FOR CROSS-CONNECTION CONTROL AND HYDRAULIC RESEARCH, UNIVERSITY OF SOUTHERN CALIFORNIA.
5. R.P. DEVICE MUST BE THE SAME SIZE AS THE SERVICE LINE, UNLESS APPROVED BY THE PICO WATER DISTRICT.
6. R.P. DEVICE MUST BE INSTALLED ABOVE GROUND PREFERABLY IN A LANDSCAPED AREA WITH 12" MINIMUM TO 30" MAXIMUM VERTICAL CLEARANCE FROM GRADE.
7. ONLY ONE R.P. DEVICE WILL BE ALLOWED PER METER TO SERVE AS METER PROTECTION, UNLESS APPROVED BY PICO WATER DISTRICT.
8. METER PROTECTION DEVICE MUST BE INSPECTED AND TESTED ANNUALLY BY LICENSED, LOS ANGELES COUNTY HEALTH DEPARTMENT CERTIFIED BACKFLOW DEVICE TESTER, AND RESULTS SUBMITTED TO THE PICO WATER DISTRICT.
9. FAILURE TO PROPERLY INSTALL AND MAINTAIN METER PROTECTION MAY RESULT IN TERMINATION OF WATER SERVICE.
10. A LIST OF APPROVED BACKFLOW PREVENTION DEVICES IS AVAILABLE AT THE PICO WATER DISTRICT.
11. IN SOME CASES WHERE AN UNINTERRUPTED WATER SUPPLY IS REQUIRED, DUAL PARALLEL BACKFLOW DEVICES WILL BE REQUIRED.
12. ALL ABOVE GROUND PIPING MUST BE OF METALLIC MATERIAL- COPPER, GALVANIZED, DUCTILE IRON PIPE. NO PVC PIPING IS ALLOWED.
13. ALL BACKFLOW DEVICE INSTALLATIONS MUST INCLUDE WITH A PROTECTIVE CAGE/ COVER.
14. CAGE TYPE PROTECTION SHALL BE PREMIUM STEEL, (HUNTER GREEN IN COLOR), (GUARDIAN ENCLOSURE OR APPROVED EQUAL).
15. CONCRETE SLAB SHALL BE REQUIRED.

PICO WATER DISTRICT

BACKFLOW PREVENTION
DEVICE INSTALLATION

APP. Mark Grajeda
MARK J. GRAJEDA
GENERAL MANAGER

STANDARD
DRAWING NUMBER
W-34

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SHEET
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