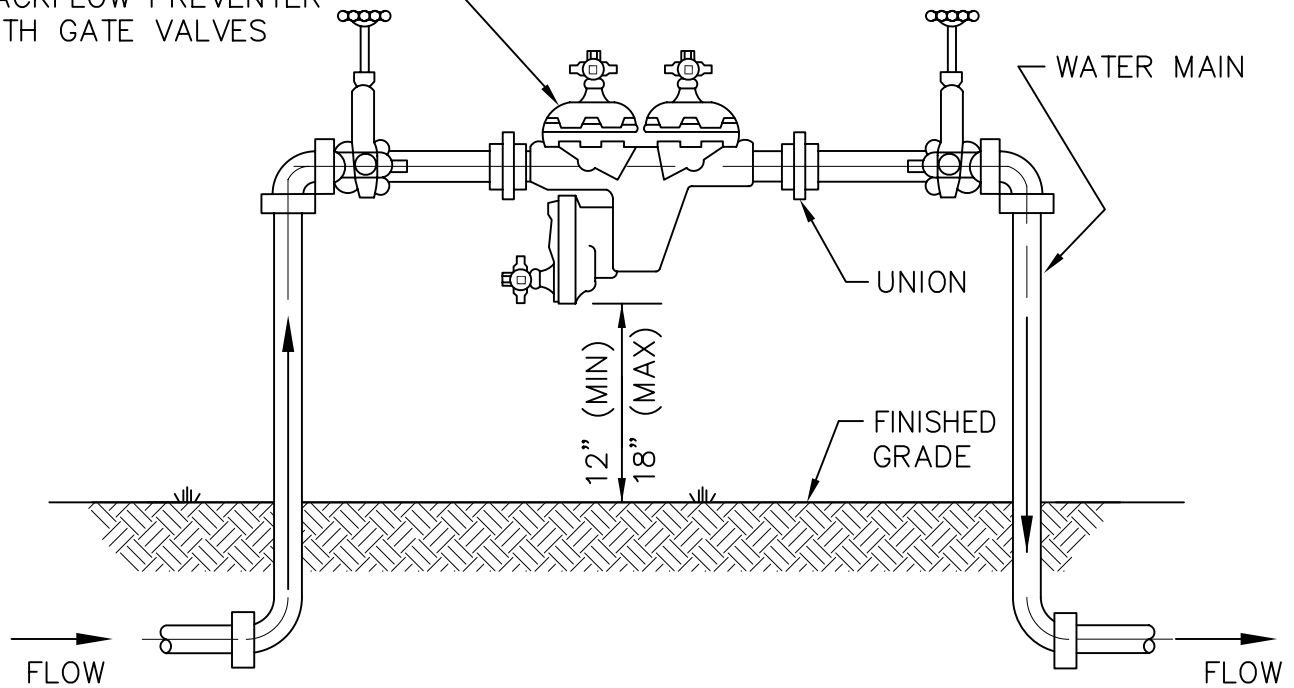


PLAN VIEW

REDUCED PRESSURE
BACKFLOW PREVENTER
WITH GATE VALVES



ELEVATION

-ART-

NOTES

1. ALL BUILDINGS WITH FIRE SPRINKLER PROTECTION SYSTEMS INCLUDING SINGLE FAMILY RESIDENTIAL AND COMMERCIAL ARE REQUIRED TO INSTALL DOUBLE CHECK BACKFLOW PREVENTER WITH REDUCED PRESSURE ZONE FEATURE AS DETERMINED BY UTILITY.
2. ALL MULTI-STORY, MULTI-FAMILY SERVICES ARE REQUIRED TO INSTALL RPZ BACKFLOW PREVENTORS.
3. APPROVED EQUALS HAVING FULL UL, USC, AND AWWA CERTIFICATIONS MAY BE INSTALLED ONLY AFTER SPECIFIC APPROVAL BY IRCDUS.
4. SUPPORT BACKFLOW PREVENTER FROM WALL OR APPROVED PIPE SUPPORT SYSTEM. PIPE SUPPORT SYSTEM SHALL BE BRASS, COPPER OR D.I.P., AS APPROVED BY IRCDUS.
5. BELOW GROUND INSTALLATION IN A VAULT MAY BE CONSIDERED FOR APPROVAL IF FINISHED GRADE OF BOTTOM OF VAULT IS AT LEAST 1'-0" ABOVE THE HIGH WATER LEVEL.
6. PIPING 2-1/2" OR GREATER SHALL BE FLANGED DUCTILE IRON PIPE.
7. ALL MATERIALS ARE TO BE PER IRCDUS APPROVED MANUFACTURERS' PRODUCT LIST.
8. ALL FASTENERS SHALL BE 304 STAINLESS STEEL (OR APPROVED EQUAL).
9. ALL RPZ BACK FLOW PREVENTERS SHALL BE CERTIFIED BY APPROVED TESTER AND APPROPRIATE CERTIFIED FORM SUBMITTED TO IRCDUS.

INDIAN RIVER COUNTY
DEPARTMENT OF
UTILITIES SERVICES



BACKFLOW PREVENTER

DRAWING
NO.

W-11

MARCH 2014