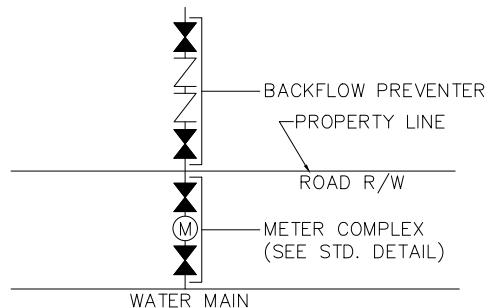
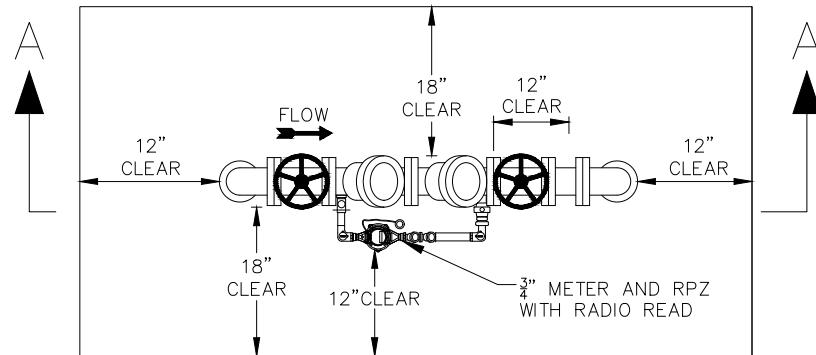


NOTES:

1. REDUCED PRESSURE PRINCIPLE BACKFLOW PREVENTION (RPZ) ASSEMBLY MUST CONFORM TO MCPW SPECIFICATIONS FOR BACKFLOW PREVENTION ASSEMBLIES $\frac{3}{4}$ " - 2".
2. MCPW APPROVED RPZ'S INCLUDE SHUT OFF VALVE #1 AND #2 AS PART OF THE ASSEMBLY. NO SUBSTITUTIONS SHALL BE PERMITTED.
3. TEST COCK #1 SHALL BE UPSTREAM OF SHUT OFF VALVE #1 AND IS PART OF THE APPROVED ASSEMBLY. ALL TEST COCKS MUST BE ON ONE SIDE OR TOP. ASSEMBLIES SHALL BE INSTALLED UPRIGHT AND IN THE HORIZONTAL POSITION.
4. IF OUTDOOR INSTALLATION HAS PROTECTIVE COVER, IT SHALL BE AS SPECIFIED BY MCPW SPECIFICATIONS.
5. ABOVE GROUND INSTALLATIONS MUST BE LOCATED OUTSIDE ZONING SETBACK AREAS.
6. PROTECTIVE COVER TO HAVE A DRAIN PORT TWICE THE SIZE AS THE WATER MAIN.



REVISED		MOORE COUNTY PUBLIC WORKS ENGINEERING DIVISION	REDUCED PRESSURE PRINCIPLE BACKFLOW ASSEMBLY ABOVE GROUND (RPZ) $\frac{3}{4}$ " - 2"	STD NO. CC-1
DATE	DESCRIPTION			



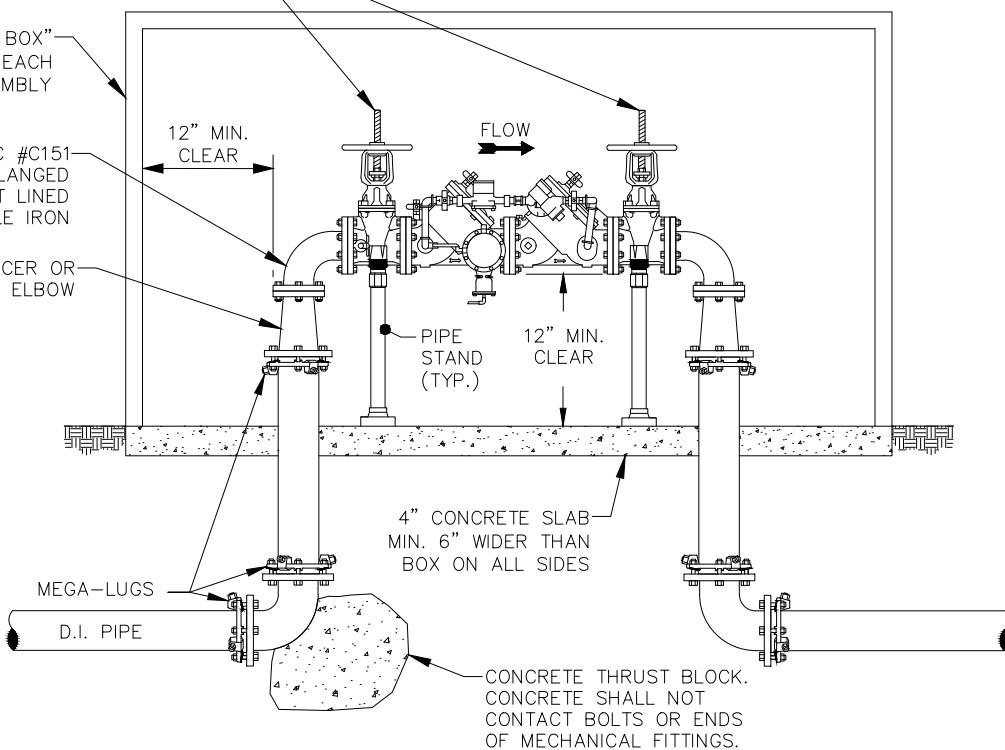
RESILIENT SEATED GATE VALVE
WITH HANDWHEEL OPERATED
SHUT OFF VALVE #1, SEE NOTE 2, 3

TOP VIEW

INSULATED ENCLOSED "HOT BOX"
MINIMUM 9" CLEARANCE ON EACH
END & SIDE OFF THE ASSEMBLY

AWWA SPEC #C151
CLASS 350 FLANGED
FITTING, CEMENT LINED
DUCTILE IRON

REDUCER OR
REDUCER ELBOW

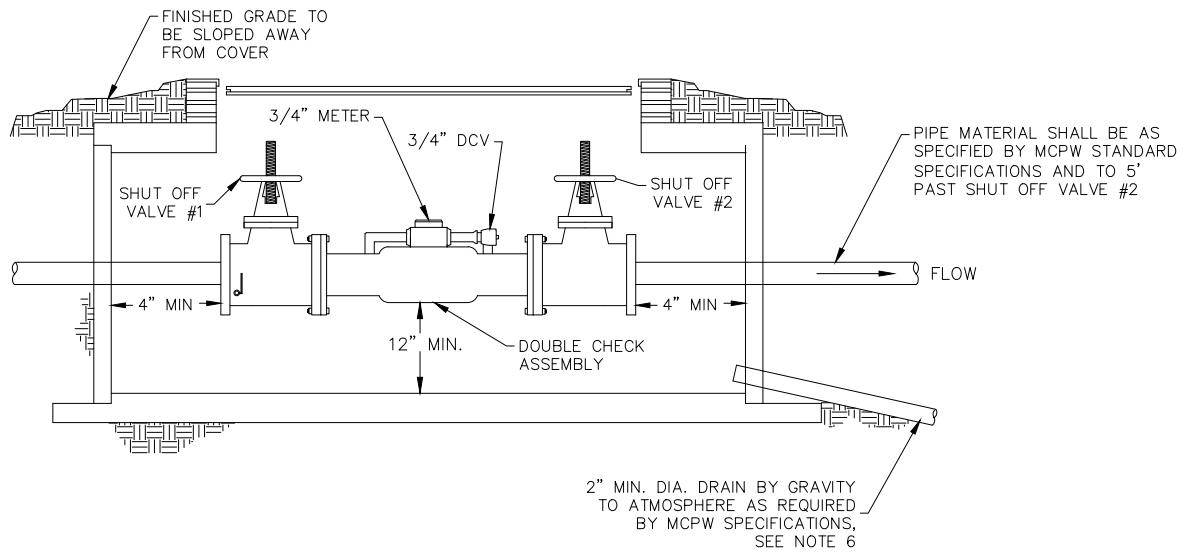


SECTION "A-A"

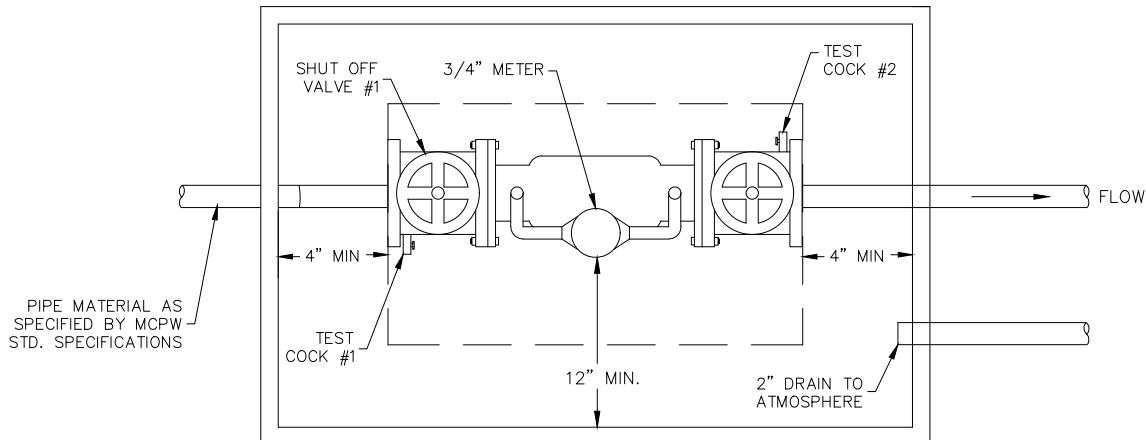
NOTES:

1. REDUCED PRESSURE PRINCIPLE ASSEMBLIES (RPZ) MUST CONFORM TO MCPW SPECIFICATIONS.
2. THE MCPW APPROVED RPZ INCLUDES SHUT OFF VALVES #1 AND #2 AS PART OF THE ASSEMBLY. NO SUBSTITUTIONS SHALL BE PERMITTED.
3. FIRE LINE SERVICES SHALL HAVE OUTSIDE STEM AND YOKE HANDWHEEL OPERATORS.
4. 8" – 10" RPZ SHALL BE SUPPORTED AT CENTER OF HANDWHEEL WITH BRICK PEDESTALS.
5. RESTRAINED JOINTS SHALL BE MEGA-LUG RESTRAINTS OR APPROVED EQUAL.
6. TEST COCK #1 SHALL BE UPSTREAM OF SHUT OFF VALVE #1 AND IS PART OF THE APPROVED ASSEMBLY.
7. IF OUTDOOR INSTALLATION HAS PROTECTIVE COVERING, IT SHALL BE AS SPECIFIED IN MCPW SPECIFICATIONS FOR INSTALLATION OF BACKFLOW PREVENTION ASSEMBLIES.
8. ABOVE GROUND INSTALLATIONS MUST BE LOCATED OUTSIDE ZONING SETBACK AREAS.
9. PROTECTIVE COVER TO HAVE A DRAIN PORT TWICE THE SIZE AS THE WATER MAIN.
10. METAL, BRICK OR CONCRETE PEDESTAL IS REQUIRED UNDER GATE VALVES FOR 2-1/2" & LARGER.

REVISED		MOORE COUNTY PUBLIC WORKS ENGINEERING DIVISION	REDUCED PRESSURE DETECTOR BACKFLOW ASSEMBLY ABOVE GROUND (RPDA) 2-1/2" - 10"	STD NO. CC-2
DATE	DESCRIPTION			



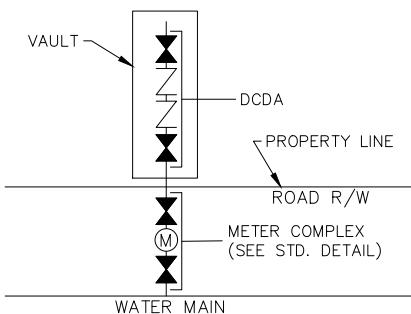
ELEVATION VIEW



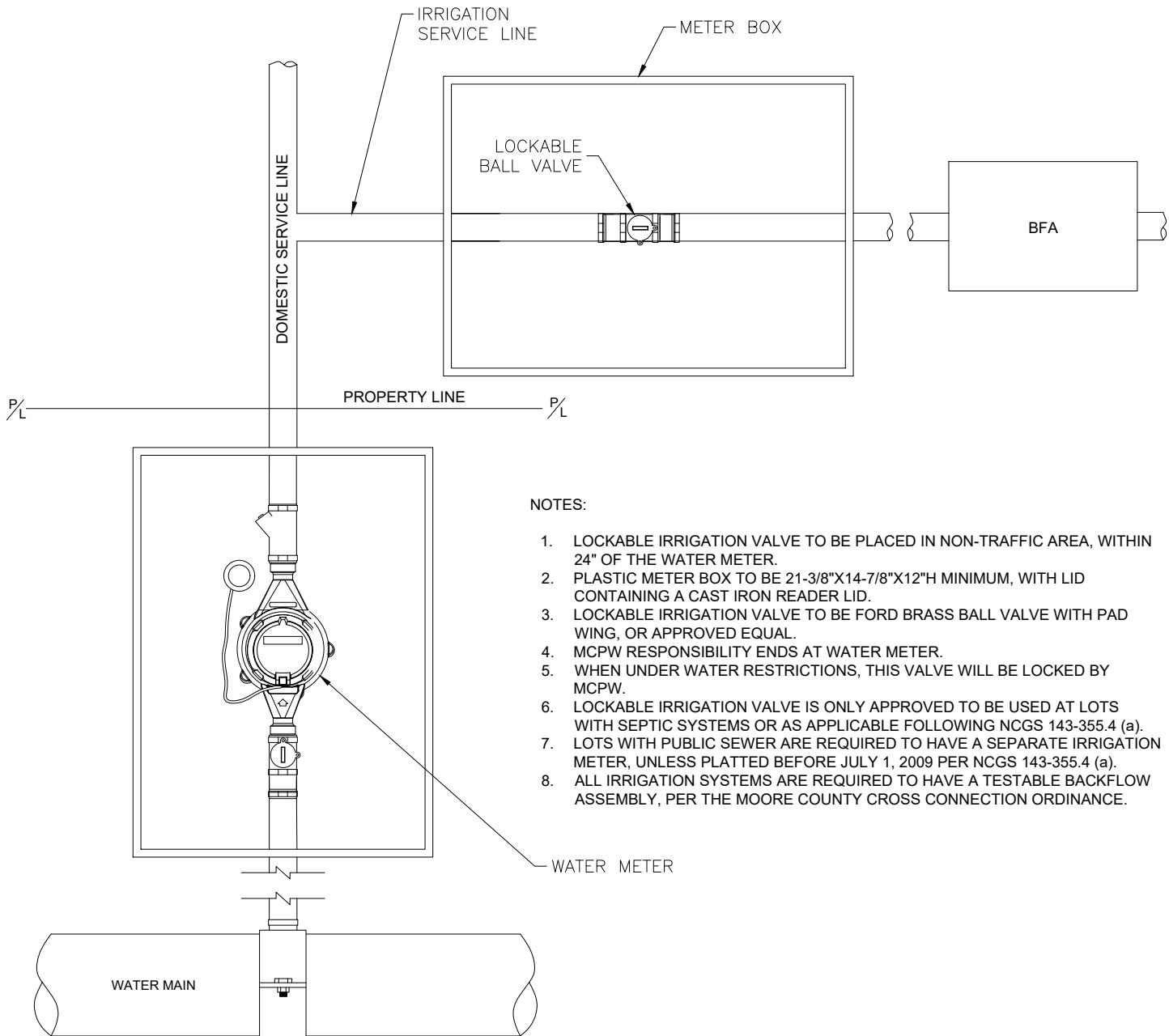
PLAN VIEW

NOTES:

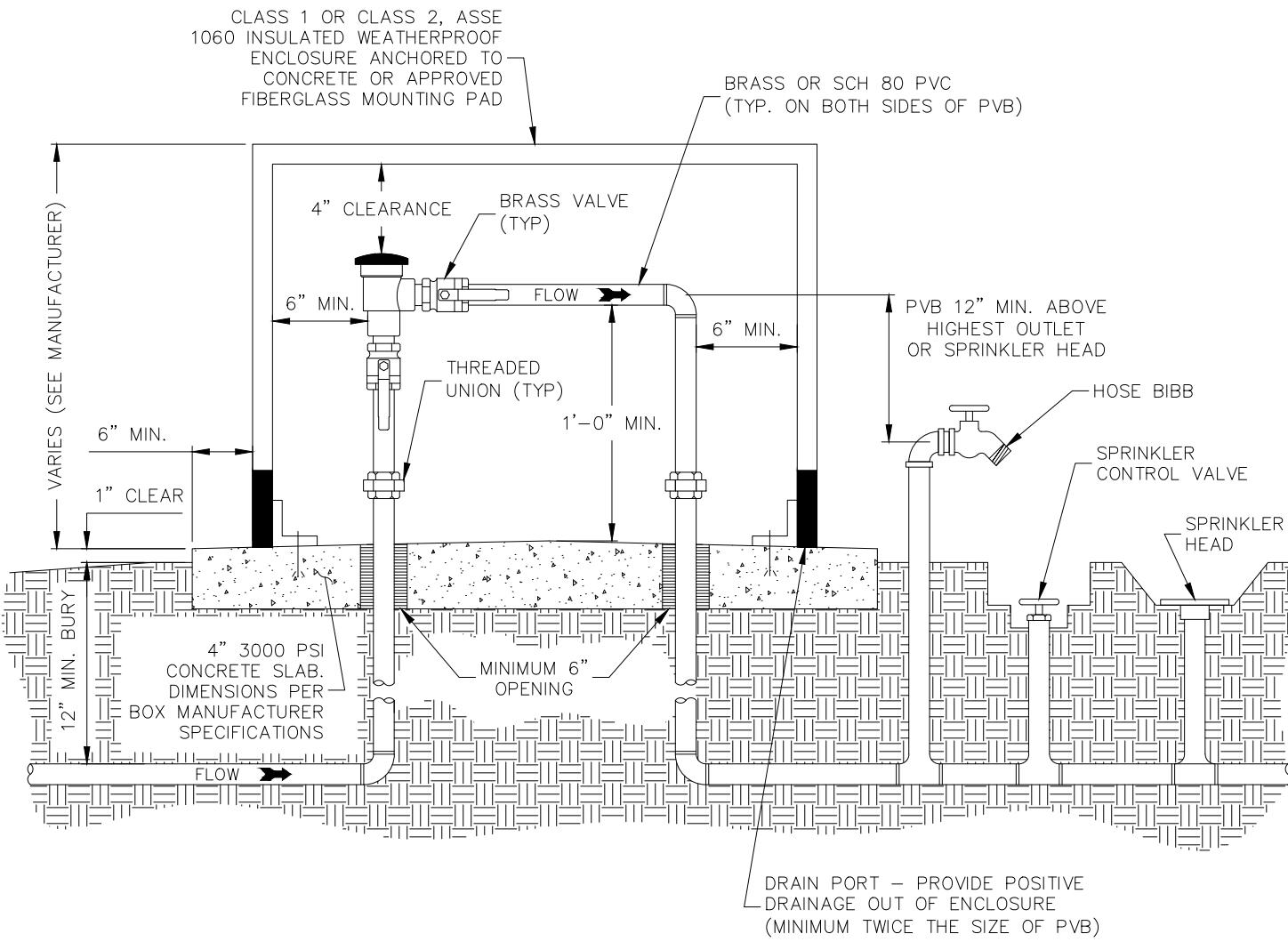
1. DCDA MUST CONFORM TO MCPW SPECIFICATIONS FOR BACKFLOW PREVENTION ASSEMBLIES 1½" - 10".
2. MCPW APPROVED DCDA'S INCLUDE SHUT OFF VALVE #1 AND #2. NO SUBSTITUTIONS SHALL BE PERMITTED.
3. VAULT, DOORS, OR COVERS AND SUPPORT OF ASSEMBLY SHALL BE APPROVED BY MCPW.
4. IF DRAINAGE CANNOT BE PROVIDED TO FREE ATMOSPHERE OR STORM DRAINAGE, THE DCDA'S SHALL BE INSTALLED ABOVE GROUND.
5. TEST COCK #1 SHALL BE UPSTREAM OF SHUT OFF VALVE #1 AND IS PART OF THE APPROVED ASSEMBLY. ALL TEST COCKS MUST BE ON ONE SIDE OR TOP. ASSEMBLIES SHALL BE INSTALLED UPRIGHT AND IN THE HORIZONTAL POSITION.
6. DRAIN MAY BE PROVIDED AS SHOWN OR AS FLOOR DRAIN.



REVISED		MOORE COUNTY PUBLIC WORKS ENGINEERING DIVISION	DOUBLE CHECK DETECTOR ASSEMBLY IN VAULT 1 1/2" - 10"	STD NO. CC-3
DATE	DESCRIPTION			



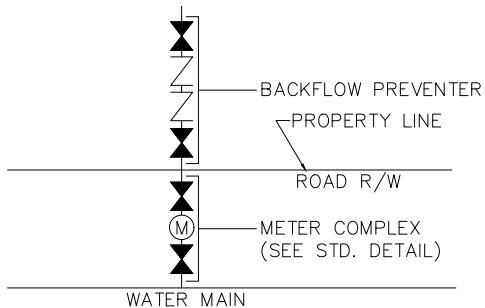
REVISED		MOORE COUNTY PUBLIC WORKS ENGINEERING DIVISION	Lockable Valve for Irrigation (Lots not required to have an Irrigation Meter Only)	STD NO. CC-4 (PW-17)
DATE	DESCRIPTION			



ONLY USE IF NO PUMP IS TO BE USED

NOTES:

1. PRESSURE VACUUM BREAKER BACKFLOW PREVENTION (PVB) ASSEMBLY MUST CONFORM TO MCPW SPECIFICATIONS FOR BACKFLOW PREVENTION ASSEMBLIES $\frac{3}{4}$ " – 1".
2. PVB HEIGHT MUST BE AT LEAST 12" ABOVE THE HIGHEST OUTLET OR SPRINKLER HEAD IN THE SYSTEM.
3. MCPW APPROVED PVB'S INCLUDE SHUT OFF VALVE #1 AND #2 AS PART OF THE ASSEMBLY.
4. TEST COCK #1 SHALL BE UPSTREAM OF SHUT OFF VALVE #1 AND IS PART OF THE APPROVED ASSEMBLY. ALL TEST COCKS MUST BE ON ONE SIDE OR TOP. ASSEMBLIES SHALL BE INSTALLED UPRIGHT AND IN THE HORIZONTAL POSITION.
5. IF OUTDOOR INSTALLATION HAS PROTECTIVE COVER, IT SHALL BE AS SPECIFIED BY MCPW SPECIFICATIONS.
6. ABOVE GROUND INSTALLATIONS MUST BE LOCATED OUTSIDE SETBACK AREAS.
7. PROTECTIVE COVER TO HAVE A DRAIN PORT TWICE THE SIZE AS THE WATER MAIN.



REVISED		MOORE COUNTY PUBLIC WORKS ENGINEERING DIVISION	PRESSURE VACUUM BREAKER BACKFLOW ASSEMBLY ABOVE GROUND (PVB) $\frac{3}{4}$ " - 1"	STD NO. CC-5
DATE	DESCRIPTION			