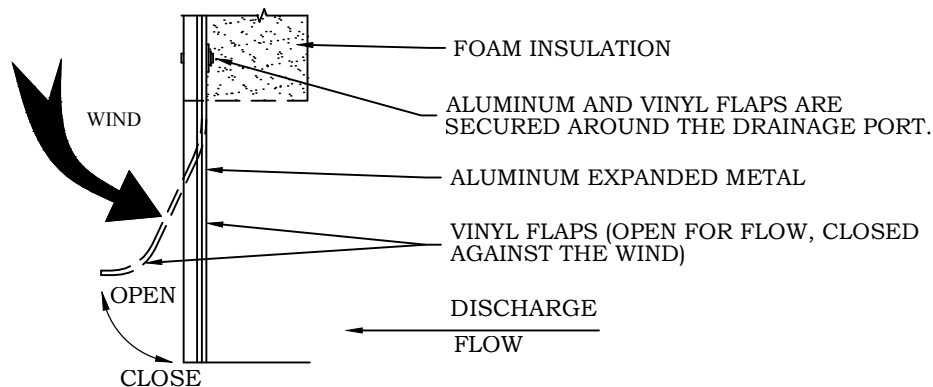


**STEP ONE:** INSTALLATION OF ALUMINUM FLATTENED EXPANDED METAL FOR THE PREVENTION OF ENTRY OF SMALL ANIMALS, RODENTS AND SNAKES WHILE ALLOWING THE EXIT OF THE DRAINAGE DISCHARGE FROM THE ENCLOSURE

**STEP TWO:** INSTALLATION OF SOLID VINYL FLAPS OVER THE ALUMINUM EXPANDED METAL. FLAPS PREVENT WIND FROM ENTERING THE ENCLOSURE THROUGH THE DRAINAGE PORTS WITHOUT OBSTRUCTING THE DRAINAGE DISCHARGE.



**PROFILE VIEW**

**NOTES:**

1. ALL REDUCED PRESSURE ZONE (RPZ) ASSEMBLIES ARE TO BE INSTALLED ABOVE GROUND OR INSIDE THE FACILITY TO PROTECT FROM FREEZING. EXPOSURE TO FREEZING WILL RESULT IN IMPROPER FUNCTIONING OF THE RPZ AND MAY CAUSE UN-REPAIRABLE DAMAGE TO THE ASSEMBLY.
2. SOUTHERN BUILDING CODE SECTION 304.4 - FREEZING (1994): A WATER, SOIL OR WASTE PIPE SHALL NOT BE INSTALLED OR PERMITTED OUTSIDE OF A BUILDING OR CONCEALED IN OUTSIDE WALLS OR ANY PLACE WHERE THEY MAY BE SUBJECT TO FREEZING TEMPERATURES, UNLESS ADEQUATE PROVISION IS MADE TO PROTECT THEM FROM FREEZING.
3. FACILITIES REQUIRING AN RPZ MAY BE ALLOWED TO INSTALL THEM INSIDE THE BUILDING PROVIDED THAT EITHER: THERE IS NO OTHER CONNECTION BETWEEN THE METER AND BUILDING AND IT IS UNLIKELY ANOTHER RPZ WOULD BE INSTALLED IN THE FUTURE, OR A DOUBLE CHECK VALVE IS INSTALLED AT THE METER.
4. ALL ABOVE GROUND ENCLOSURES FOR RPZ ASSEMBLIES ARE TO BE SIZED TO THE RPZ OR LARGER PER MANUFACTURER'S SPECIFICATIONS.
5. IF A PERIMETER FOOTER IS USED GRAVEL COVERING THE ENTIRE BOTTOM OF THE ENCLOSURE MUST BE CLEANED 12" DEEP.
6. ALL ENCLOSURES ARE TO BE DESIGNED WITH DRAIN OPENINGS LARGE ENOUGH TO ACCOMMODATE A FULL DISCHARGE OF THE ASSEMBLY.

NO REVISION OR MODIFICATION OF THIS DETAIL SHALL BE MADE WITHOUT PRIOR WRITTEN APPROVAL FROM AUGUSTA UTILITIES DEPARTMENT.

REVISED: JANUARY 2018

**ABOVE GROUND ENCLOSURE  
DRAIN DETAIL**

**AUD DETAIL 5.7**

**AUGUSTA UTILITIES DEPARTMENT  
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