



Universal Installation and Maintenance Instructions Double Wall Spill Containment Bucket (5 and 15 gal)

IMPORTANT: It is imperative that the user read these warnings and use of the assembly instructions completely and carefully before installing Universal's Double Wall Spill Containment Bucket. Failure to do so may cause product failure, or result in environmental contamination due to fluid leakage.

IMPORTANT: Double Wall Spill Containment is pre-assembled for the user's convenience. Check to make sure the unit is undamaged and all parts are supplied before attempting to install the unit. If any part is missing consult with supplier, never substitute or replace parts. Other parts may result in product failure, or future repair problems.

WARNING-DANGER: Using electrically operated equipment near gasoline or gasoline vapors may result in fire or explosion, causing personal injury, death and property damage. Be sure that the working area is free from such hazards, and always use proper precautions when working with hazards.

NOTE: Make sure to keep riser pipe capped, this will prevent any kind of dirt or pebbles entering the tank, and also prevent too much vapor escaping the tank.

NOTICE: UNIVERSAL products must be used in compliance with applicable federal, state, and local laws and regulations. Product selection is based primarily on environmental conditions, compatibility, efficiency and esthetics. Specifications, limitations are specified and complied with the ULC. All illustrations and specifications in this literature are based on the latest product selection. Prices, materials, and specifications are subject to change at any time.

Performance Specifications:

The double Wall Spill containment bucket is assembled and tested at Universal Valve Company, and was found to be authentic. The double Wall Spill containment bucket was pressure and vacuum tested by Universal Valve Company.

Tool Required:

Boot Nuts-	7/16 (11mm) socket or wrench
Boot Clamp –	5/16 (8mm) socket or wrench
Primary containment screwing	71cd-2 Wrench
Iron Ring Bolts	9/16 socket or wrench

Torque Specification:

Boot nuts, 7/16-20 UN thread, 10ft-lbs min – 15ft-lbs max
Boot clamp, 5/16-18 UN thread, 10ft-lbs min – 15ft-lbs max
Primary containment 4" NPT, 120ft-lbs min – 250ft-lbs max
bolts, 3/8-16 UN thread, 13ft-lbs min – 20ft-lbs max.

1. Level off a finish grade as shown in Figure 1 using cord. Check with level.

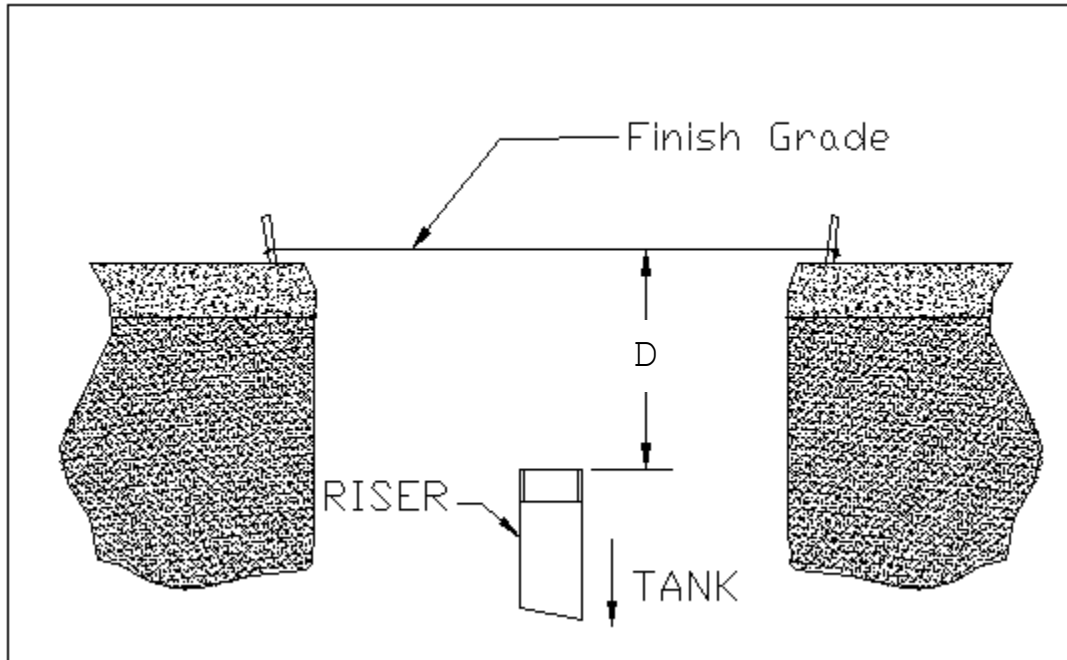


Figure 1

2. RISER PIPE should be installed at D (see list below for your model) below finish grade level.

- D= Slip on 5 gallon primary = 5" +/- 0.5
- D= Thread on 5 gallon primary = 16" +/- 0.5
- D= Thread on 15 gallon primary = 24" +/- 0.5

3. Universal Double Wall spill container is pre-assembled for consumer's convenience, however, remove 70c-cover, water tight ring, and bellow assembly. (See Figure 2)

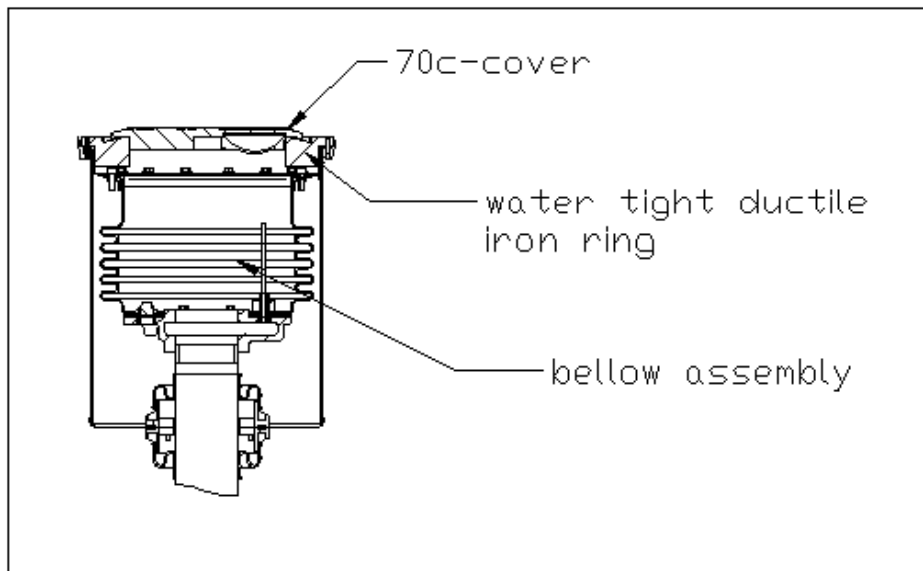


Figure 2

4. Install provided flexible boot at the bottom of secondary containment. (SEE PROVIDED SEPARATE INSTRUCTION FOR BOOT). Then slide the boot with secondary container over the riser pipe, making sure that the clamps on the entry fitting are loose to allow adjusting of the container over the riser.

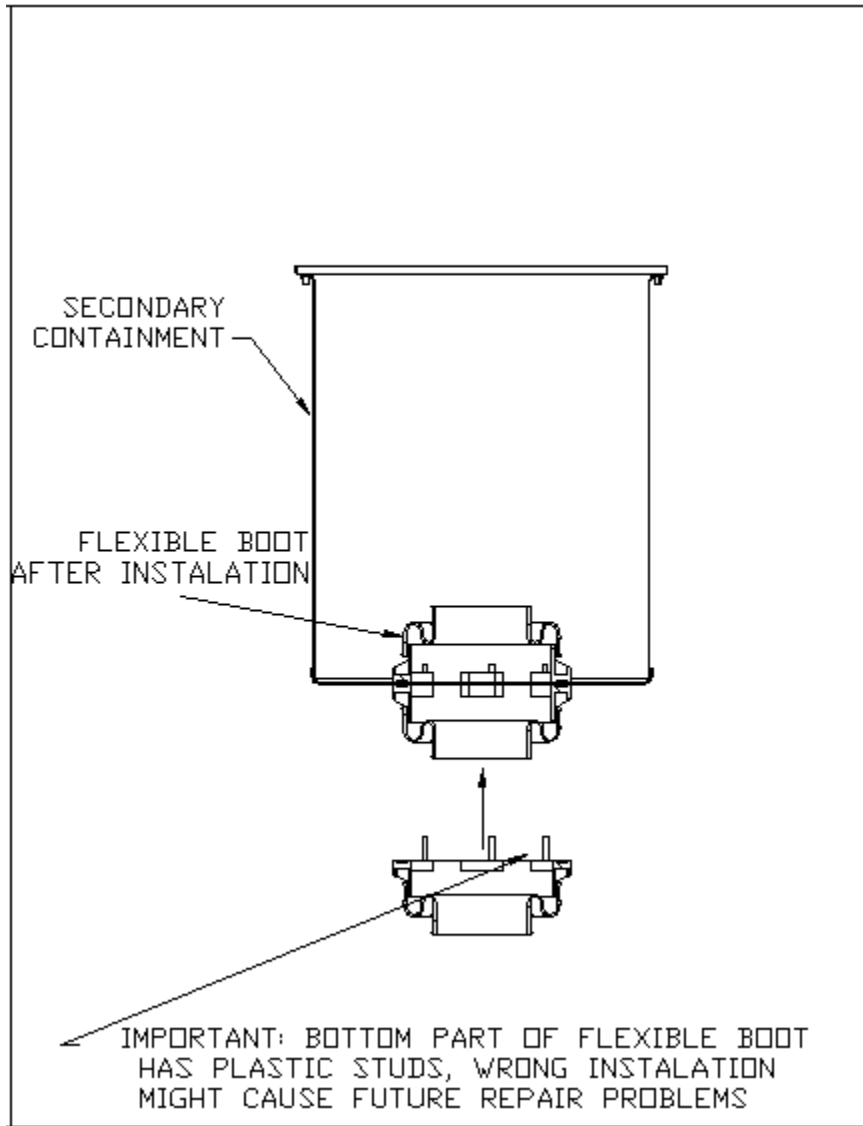


Figure 3

5. Slide the container with boot along the riser pipe until the top of the container is at grade level. Secure the container to the riser by tightening the clamps. Make sure that the clamps are securely tightened; this prevents any fluid leakage.

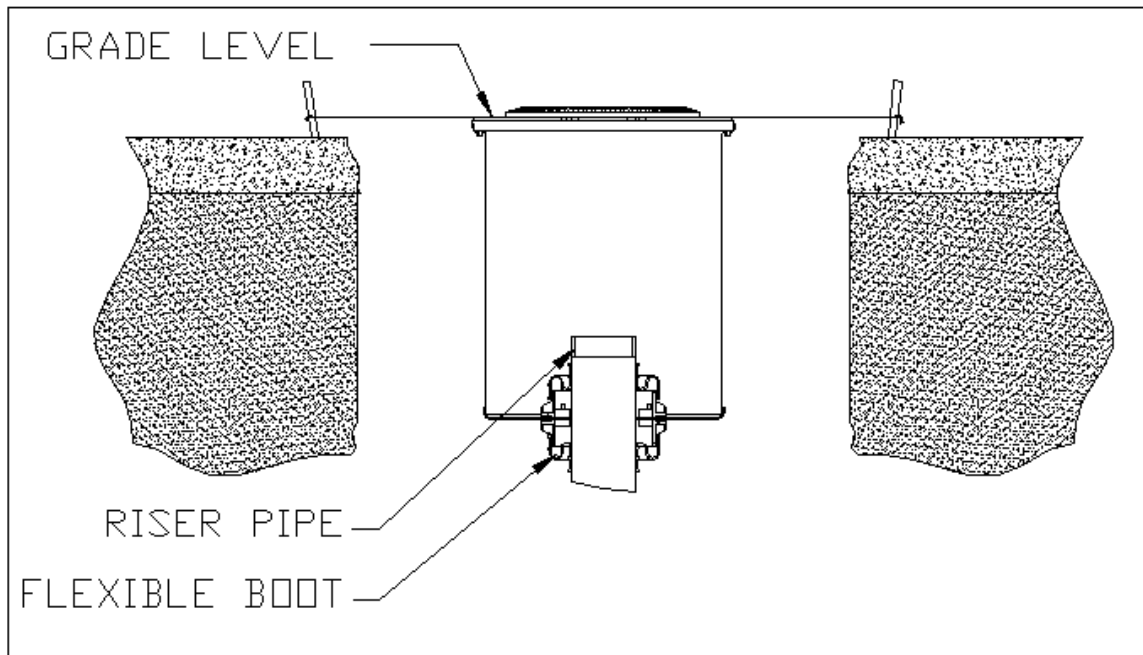


Figure 4

6. Remove the cap from the riser pipe and thoroughly clean riser of any dust or dirt that may occur in the thread, and then apply pipe dope to the riser. The pipe dope is to be of non-hardening, gasoline resistant, pipe thread seal compound.

7. Install primary containment by screwing it into the thread of the riser. Note: make sure that an o-ring is under the lip of the stainless steel ring that is bolted to the bellow. If o-ring is missing, consult with supplier. Screw the primary containment tightly until the holes on the primary containment is aligned with the holes of the secondary containment. The primary containment can be screwed using a 71cd-2 wrench available from supplier. (See Figure 5)

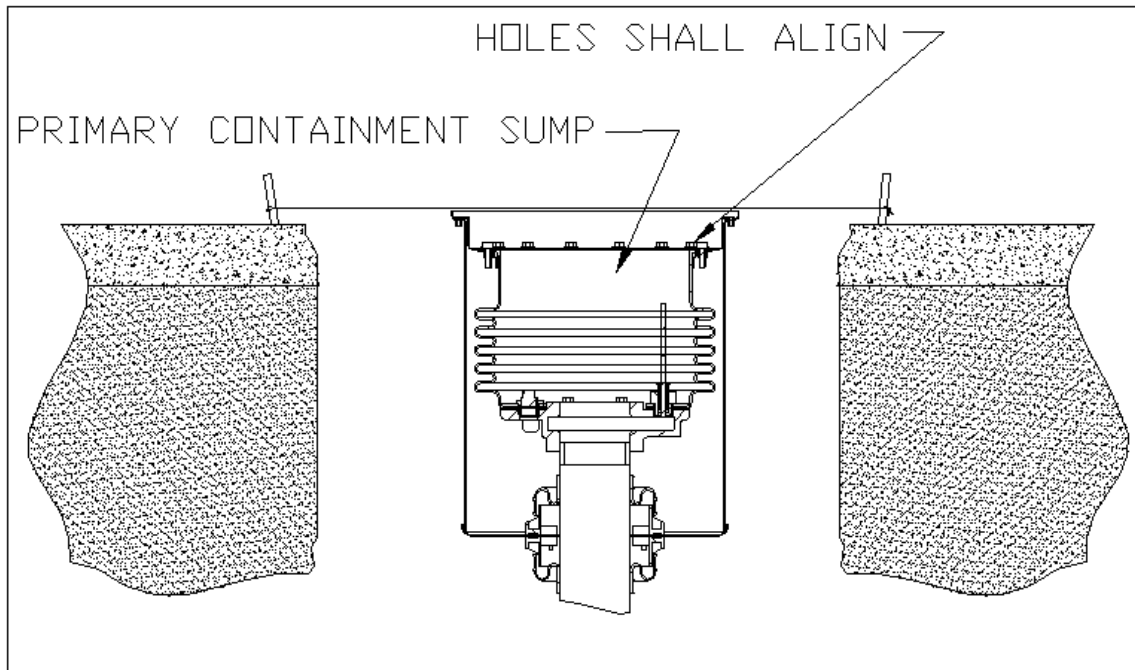


Figure 5

8. Install ductile iron ring by bolting it down to the secondary containment sump. NOTE: Bolts must be tightened in a crossing pattern with a hand torque of about 20ft-lbs. It is unnecessary to use power tool to tighten bolts. Hand tightened until bolts are surely fastened.

9. Place a vacuum unit into the test port. Pull 5 psi for 10 minutes to check the primary and secondary containment from leaks into the environment.(See Figure 6) Then place cover on top of the unit after the test.

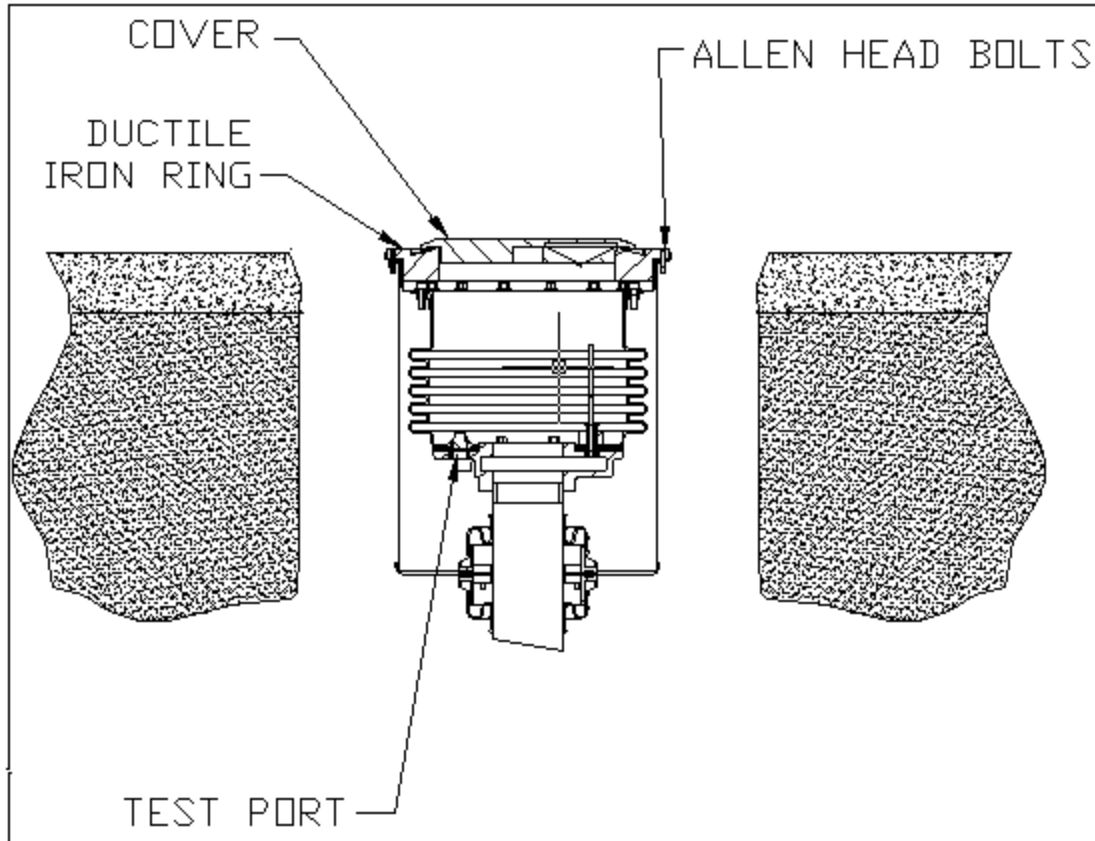


Figure 6

10. Cover the ring and 70c-cover with plastic or anything that will prevent concrete from setting on the cover or ring when the concrete is being poured.

11. It is required that the containment is fully assembled and bolts fastened before pouring any concrete. Failure to do so may result in an offset of the ring and will pose a problem when aligning the bolts for tightening.

12. When pouring the concrete, pour slowly in a circular direction, and hand shovel or trowel the concrete around the containment assembly to prevent the assembly from shifting. Shifting of the containment when pouring concrete may pose future problems for maintenance.

13. NOTE: Do not stand on the medium until the concrete has set. It is recommended that the paved contours around the containment covers be adequately sloped to allow a flow of water from the cover away from area of the containment. 1" minimum slope is recommended for the runoff. (See figure 7)

14. Once the concrete has set repeat step 9 (Vacuum test).

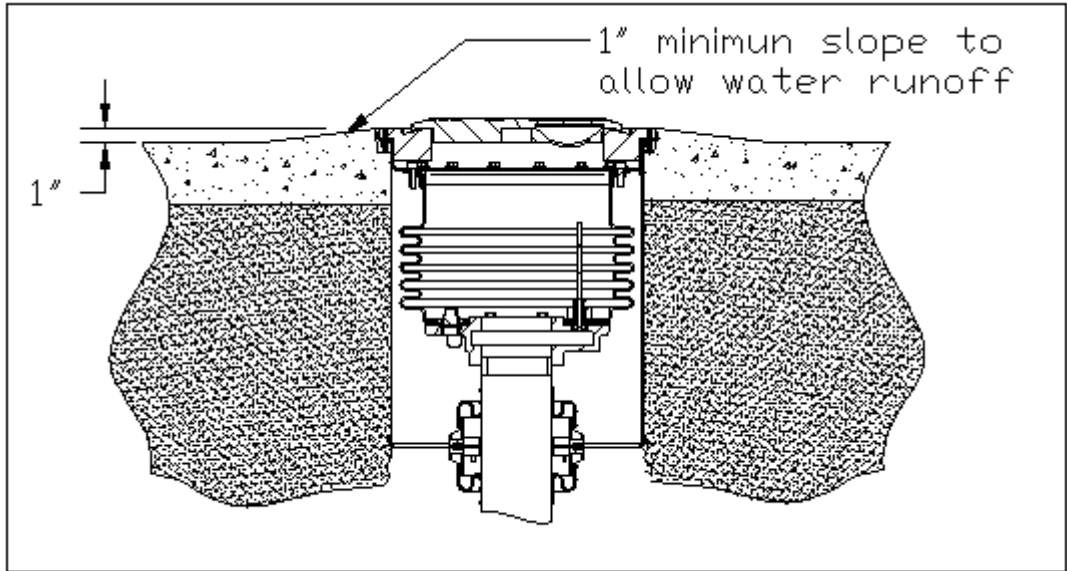


Figure 7