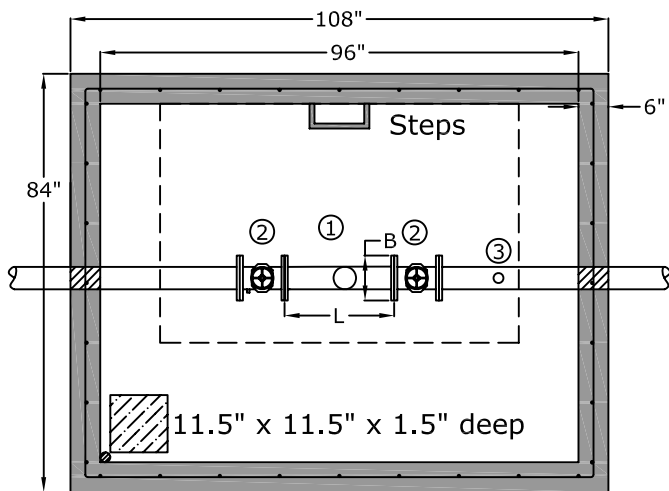


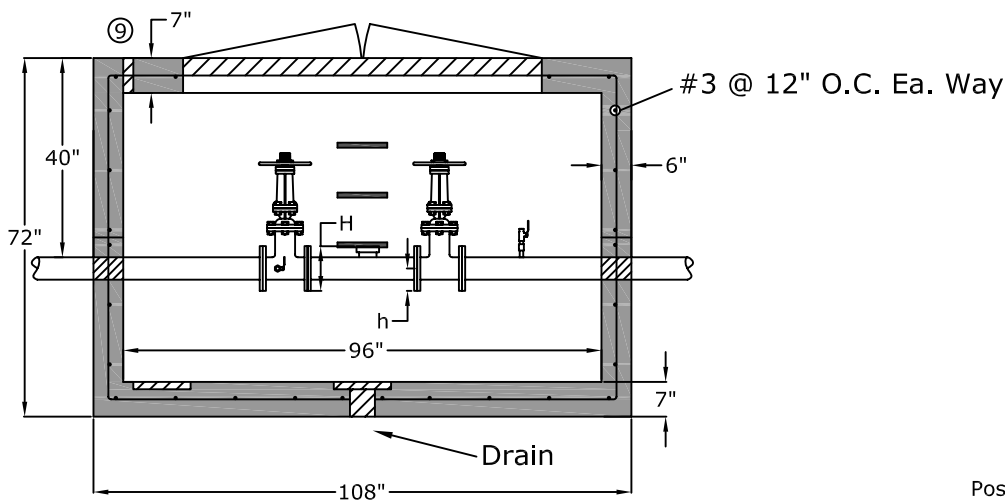
## Top View



1. Octave Ultrasonic Meter series
2. Gate valve
3. Test port to be 2" with gate valve and plug.
4. Precast concrete vault supplied by H.D. Supply and manufactured by C.R. Barger & Sons, Inc. with 48" x 72" Bilco PDCM-3 Aluminum Hatch or Equal.
5. Vault depth shall be determined and sized accordingly.
6. Drain line shall be 4" size with sufficient field drainage capacity.
7. Meter must be equipped with the Orion Automated meter reading system (AMR).
8. Use M.J. fitting with thrust blocks or restrain joint pipe and fitting on bypass.
9. 2" PVC pipe cast in top.
10. Sump pump will be installed.
11. Outside bypass will be required.

## Side View

48" x 72" Bilco PDCM-3 Aluminum Hatch or Equal

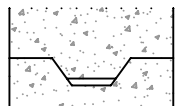


## Dimensions (inches)

Size	A	B	C	D
4"	14	9	9.9	4.5
6"	18	11	10.9	5.13
8"	20	13.5	12.9	6.4

## Joint Detail

Positive Lock Male/Female Keyway  
+- 0.005" tolerance



## Approved for Production

Project: \_\_\_\_\_ Date: \_\_\_\_\_

Quantity: \_\_\_\_\_ By: \_\_\_\_\_



Five generations. One goal.  
**BargerAndSons.com**  
Quality precast concrete.

C.R. Barger & Sons, Inc.  
P.O. Box 370 - Kingston TN 37763  
Phone 888.270.8080 - BargerAndSons.com

## Specifications

- Concrete:** 5,000 psi minimum strength (28 day)  
**Reinforcing:** Primary reinforcement will be a #3 rebar (Grade 60) rebar.  
**Pipe Penetrations:** The inlet and outlet are fitted with solid seals or a grout connection. All pipe penetrations are placed according to job requirements.  
**Pipe Stands:** Adjustable height pipe stands will be provided to support assembly.  
**Sealant:** Sealant used will meet or exceed ASTM C990.  
**Steps:** Aligned under hatch unless specified.  
**General:** Meter vaults are not water tight structures unless specified by Barger And Sons.

## 8' x 6' Meter Vault Smyrna Utility District

Date: 10.192011

Drawn By: Eric Barger

Approx. Vault Weight: 18,000 lbs.