

HOT BOX - VENT GUARD Model # AVG2036
 20" W X 20" D X 36" H. BEIGE EXTERIOR
 FIBERGLASS ENCLOSURE

WRAP THE ENTIRE AIR
 RELEASE/VACUUM VALVE
 UNIT WITH INSULATION TO
 PREVENT IT FROM FREEZING

2-1/2" 90° ELL
 1-1/2"x 3" NIPPLE
 1-1/2" GATE VALVE

2" BRASS NIPPLE
 2" BRASS UNION

THE VALVE BOX AND RISER
 SHALL BE INSTALLED PER
 CITY DETAIL

SLOPES 2% TO ROAD

FRONT
 OPENING DOOR

BEEHIVE STRAINER

2" COMBINATION AIR
 RELEASE VALVE

SWING OPEN
 ACCESS PANEL

LOCK HASP

EXPANSION
 JOINT

SIDEWALK

7/8" ANCHOR
 BOLT (TYP.)

8" COMMERCIAL
 CONCRETE

THE CONCRETE PAD SHALL BE
 MIN. 8" THICK AND EXTEND 6"
 ON ALL SIDES OF THE CABINET.
 THE PAD WHEN NOT CONNECTED
 TO A SIDEWALK SHALL BE A
 MIN. 2' IN FRONT OF THE DOOR.

#12 GAUGE DOUBLE
 COATED BLUE
 TRACER WIRE

2" BRASS PIPE

SWING JOINT

2" CTS
 POLY PIPE

2' 4"
 MIN.

SET CONCRETE BLOCK(S)
 AS REQUIRED

QUICK
 COUPLER
 ADAPTER

2" BRASS PIPE
 (S=1/4" PER FOOT)

2" GATE VALVE RESILIENT
 WEDGE THREADED

GENERAL NOTES:

1. VALVE ASSEMBLY SHALL BE SET AT THE HIGH POINT OF THE LINE.
2. ALL AIR/VACUUM RELEASE VALVES SHALL BE INSTALLED BEHIND THE SIDEWALK AT THE NEAREST PROPERTY CORNER AND NOT IN FRONT OF A RESIDENCE.
3. AIR RELEASE VALVES SHALL BE 2" APCO 145C, VAL MATIC 202C OR CRISPIN UL-20, ARI D-040 W/THERMO PROTECTION ENCASMENT.
4. ALL FITTINGS AND PIPING SHALL BE BRASS.
5. CABINET SHALL OPEN TOWARDS SIDEWALK.
6. WRAP THE AIR/VACUUM RELEASE VALVE UNIT AND PIPING W/INSULATION TO PREVENT IT FROM FREEZING.
7. AIR/VACUUM RELEASE VALVES FOR 14" AND LARGER MAINS SHALL BE SIZED BY THE DESIGN ENGINEER.

CITY OF TUMWATER, WASHINGTON
 DEPT. OF PUBLIC WORKS

**2" AIR AND VACUUM
 RELEASE VALVE**

APPROVED BY:

DWG. NO.

CITY ENGINEER

WA-20

DES.
 PW

DWG. BY
 PW

CK'D BY
 KMC

DATE
 JULY 2014

NOT TO
 SCALE