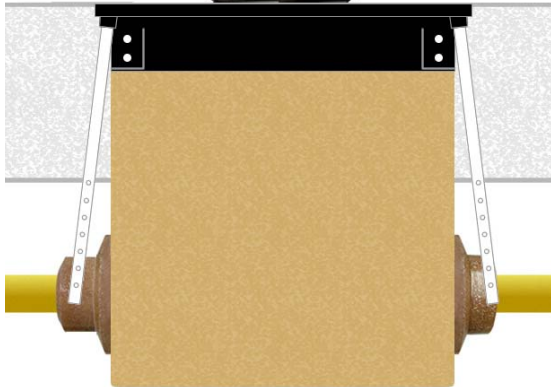


# INSTALLATION MANUAL

## B-700/750 H2O-Rated SERIES

MODULAR TRANSITION SUMP



# H2O-RATED



**B-700 ONE-PIECE LID TRANSITION SUMP SHOWN WITH  
H2O-RATED DIAMOND PLATE LID FOR TRAFFIC**



Tech Support: 323-888-4133

**RECOMMENDED - T-FS-SAND-KIT**

5/8" sanding disc backs and  
centralizers for all Bravo  
Systems Fittings



ii-B700-750-SW-08A-R1

# MANDATORY

The B-700/750 SingleWall Vent/Piping Transition Sump Series from S. Bravo Systems, Inc. **MUST** be installed by, and only by, **Bravo Certified Installation Contractors**. Details can be found at [www.sbravo.com/cert.htm](http://www.sbravo.com/cert.htm)

# IMPORTANT

**READ THESE INSTRUCTIONS - KEEP FOR FUTURE REFERENCE**

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## RECOMMENDED - T-FS-SAND-KIT

5/8" sanding disc backs and centralizers for all Bravo Systems Fittings



# NOTICE

- ***Closely adhere to all directions and warnings indicated on the product or contained in these instructions.***
- ***Warranty is void if there is any evidence of modification, abuse, tampering, negligence or improper installation.***
- ***For assistance please call Bravo for technical support at (800) 28-BRAVO. Outside the U.S.A. please call (323) 888-4133.***

**SAFETY FIRST!** S. Bravo Systems, Inc. urges you to carefully adhere to the normal safety procedures and precautions followed by your company. Please follow the mandates and compliances decreed by OSHA, local, State and federal regulations regarding the use of this product.

### WARRANTY

All containment systems sold by S. Bravo Systems, Inc. are warranted to be free from defects in material and workmanship for a period of one year from date of purchase. This warranty will be limited to the repair and replacement of Bravo parts only and will exclude all claims for labor or consequential damage. No other express warranties given and no affirmation of S. Bravo Systems, Inc., or its agents and/or representatives, by words or action, will constitute a warranty. IT IS EXPRESSLY AGREED THAT THIS WARRANTY WILL BE IN LIEU OF ALL WARRANTIES OF FITNESS AND IN LIEU OF THE WARRANTY OF MERCHANTABILITY.

This warranty is void if there is any evidence of modification, abuse, negligence, or improper installation. If any fittings or components, other than S. Bravo Systems approved fittings or components, are used in conjunction with any S. Bravo Systems product, the warranty pertaining to these products is immediately void.

## A - SUMP POSITIONING

**A.1** - Determine the permanent position of the Transition Sump according to your specs.

**IMPORTANT** You must seat the Transition Sump on a minimum 4" bed of sand, which must cover an area that extends past the sump diameter by 6" all the way around.

**A.2** - Using leveling stakes, stake the target area for vent box to be set and frame or scaffold the box into a permanent fixed position, and to prevent any shifting or movement prior to pouring of concrete. Make sure to allow access to where your penetration fittings will be installed.

**⚠ CRITICAL** YOU MUST **NOT** REMOVE THE FACTORY-INSTALLED FOAM FROM THE BOTTOM OF THIS TRANSITION SUMP, IT IS A MANDATORY PART OF THE INSTALLATION AS DETAILED BELOW.  
**THIS WILL VOID YOUR WARRANTY IMMEDIATELY**

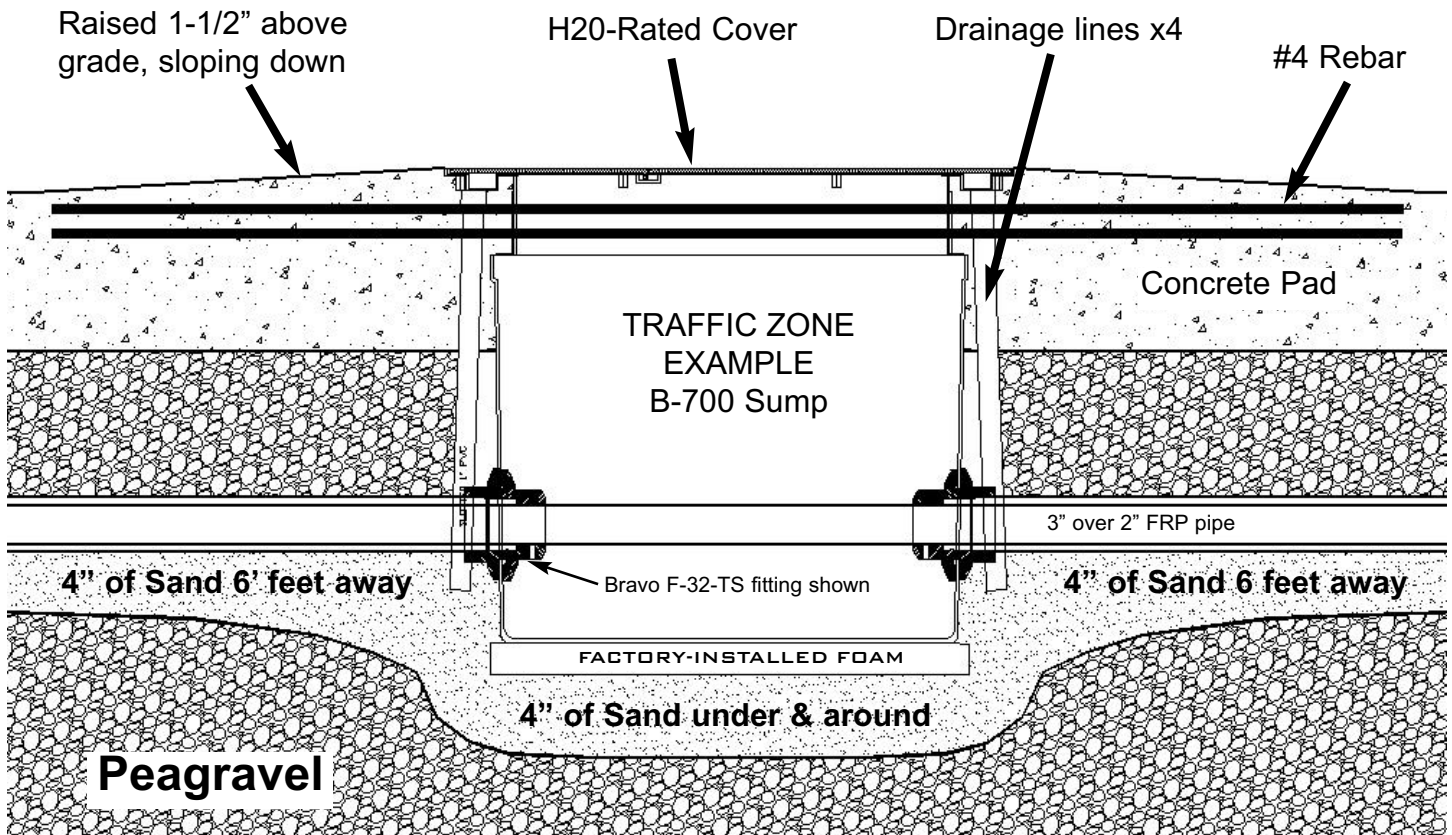
## CONCRETE DETAIL

NUMBER 4 REBAR THROUGH ALL AVAILABLE ANCHORING HOLES

1-1/2" ABOVE GRADE, SLOPING DOWN

SAND 4" DEEP UNDER PIPE LINES, REACHING 6 FEET AWAY FROM SUMP

SAND 4" DEEP UNDER SUMP, APPROXIMATELY 6" AWAY, 360° AROUND



## B - PENETRATION FITTINGS

**B.1** - Remove Access Cover from Vent Box, set aside. Install any/all penetration fittings.

**IMPORTANT**

IT IS RECOMMENDED THAT YOU ABRABE THE  
SUMP WALLS FLAT PER THE T-FS-SAND-KIT  
INSTALLATION INSTRUCTIONS

Refer to your pipe manufacturer's Installation Instructions to install your piping system.

## C - WATER TESTING SUMP / FITTINGS

*All piping and conduits should be connected at this time. Clear all debris & materials from the transition sump. All field installed penetration fittings must be water-leak tested.*

**C.1-** To test field installed fittings, ensure the Transition Sump's weight is completely supported.

**C.2-** Fill the box with water to **2 inches** above the highest fitting. **After 3 hours**, make a visual inspection of the exterior of the box. If there are no leaks, proceed to remove the water by appropriate means.

If there are any leaks, proceed to **Step D** (below) for repair instructions.

## D - IF ANY LEAKS ARE FOUND!!

**A:** Locate leak point(s) and mark with marker so you can locate it / monitor it.

**B:** Repair or reinstall penetration fittings according to your penetration fitting manufacturers' Installation / Maintenance Instructions.

**C: FOR FIBERGLASS REPAIRS:** Abrade a 2" diameter area centered on the leak point until flow coat is gone and natural resin/fiberglass material can be seen. Dust with shop brush or compressed air and do not use shop towels or acetone. S. Bravo Systems recommends "**Smith Fibercast Adhesive Kit #8014**" to repair and reinforce Bravo Fiberglass products. Make sure area is completely dry and apply resin generously. For anything larger than pinhole leaks, consult the factory. Allow minimum 2 hours to cure.

## E - BACKFILL AND POURING THE CONCRETE

**E.1** - Prepare site for concrete pouring. Backfill with peagravel or sand on top of your piping and around the Transition Sump. Ensure that a 4" bed of sand is beneath sump and all piping coming to and from the sump.

**E.2** - Level concrete away from Vent Box. Per the detail called out on **page 3**, the sump should be raised 1-1/2" above the grade, and the concrete should slope away.