



Attached are diagrams that indicate acceptable designs and dimensions for sanitary dumping stations and includes details familiar to most campers.

The diagrams show a modified air tower, parts, and templates available from commercial manufacturers. The parts are readily available from any large plumbing or hardware store. The method of connecting the spring to the hose, and the spring length, is determined in the field.

Plans must be submitted to the Grand County Building Department **and** the Southeastern Utah District Health Department for review and approval **prior** to the construction. Prior approval ensures that the sanitary dumping station meets construction requirements and is properly located. Questions regarding sanitary dumping stations may be directed to the following:

Grand County Building Department

125 East Center Street
Moab, Utah 84532
435-259-4134

Southeastern Utah District Health Department

575 South Kane Creek Boulevard
Moab, Utah 84532
435-259-5602



Grand County Building Department • 125 East Center Street • Moab, Utah 84532

Standards for Construction

All recreational vehicle campgrounds, which do not possess sewer risers at each campsite, must provide a sanitary dumping station for the safe and efficient disposal of wastes from the holding tanks of recreational vehicles. Each dumping station shall be constructed to conform to this standard.

If the dumping station is not continuously monitored by an attendant, the inlet hatch shall be secured by a locking device between users.

A sign shall be posted in the business familiarizing employees with the rules for the dumping station. This sign must include verbiage detailing the allowable materials to be discharged:

The discharge of wastewater from the kitchens and personal sanitary conveniences of recreational vehicles is allowed. The discharge of any other wastes, chemicals or substances is prohibited. The use of normal sanitizing and deodorizing chemicals is allowed. Please remember that the discharge of any other chemicals, wastes, or trash can harm the wastewater treatment facility.

The dump station must be kept clean and free from debris at all times.

The sanitary dumping station must have the following features:

1. A sloped concrete apron with a drain at least four inches in diameter at the low point near the center of the pad.
2. A tight-fitting, self-closing drain cover (to prevent the escape of odors) equipped with a foot-operated attachment or similar device, to open the drain cover without directly contacting waste material.
3. An approved water outlet or hydrant adjacent to the dumping station for flushing down the drain pad after use.
4. An approved atmospheric vacuum breaker attached to the water outlet to prevent possible back-siphonage into the water supply system. The vacuum breaker must be installed downstream from the shutoff valve and at the highest point.
5. An adequate length of flexible hose for flushing the concrete apron and drain. A means must be provided to retract the hose when not in use so it does not contact the concrete pad or rest on the ground surface.
6. The sanitary dumping station must be located at least 100 feet from any water supply well. The dumping station and associated water outlet must be at least 50 feet from any campsite or potable water outlet. If possible, locate the dumping station at a pullover near the campground exit for ease of access and disposal without blocking traffic.
7. A sign must be posted at the sanitary dumping station stating that the adjacent water outlet is **“UNSAFE FOR DRINKING.”**
8. Water at the dumping station drain must discharge to an approved wastewater disposal system.

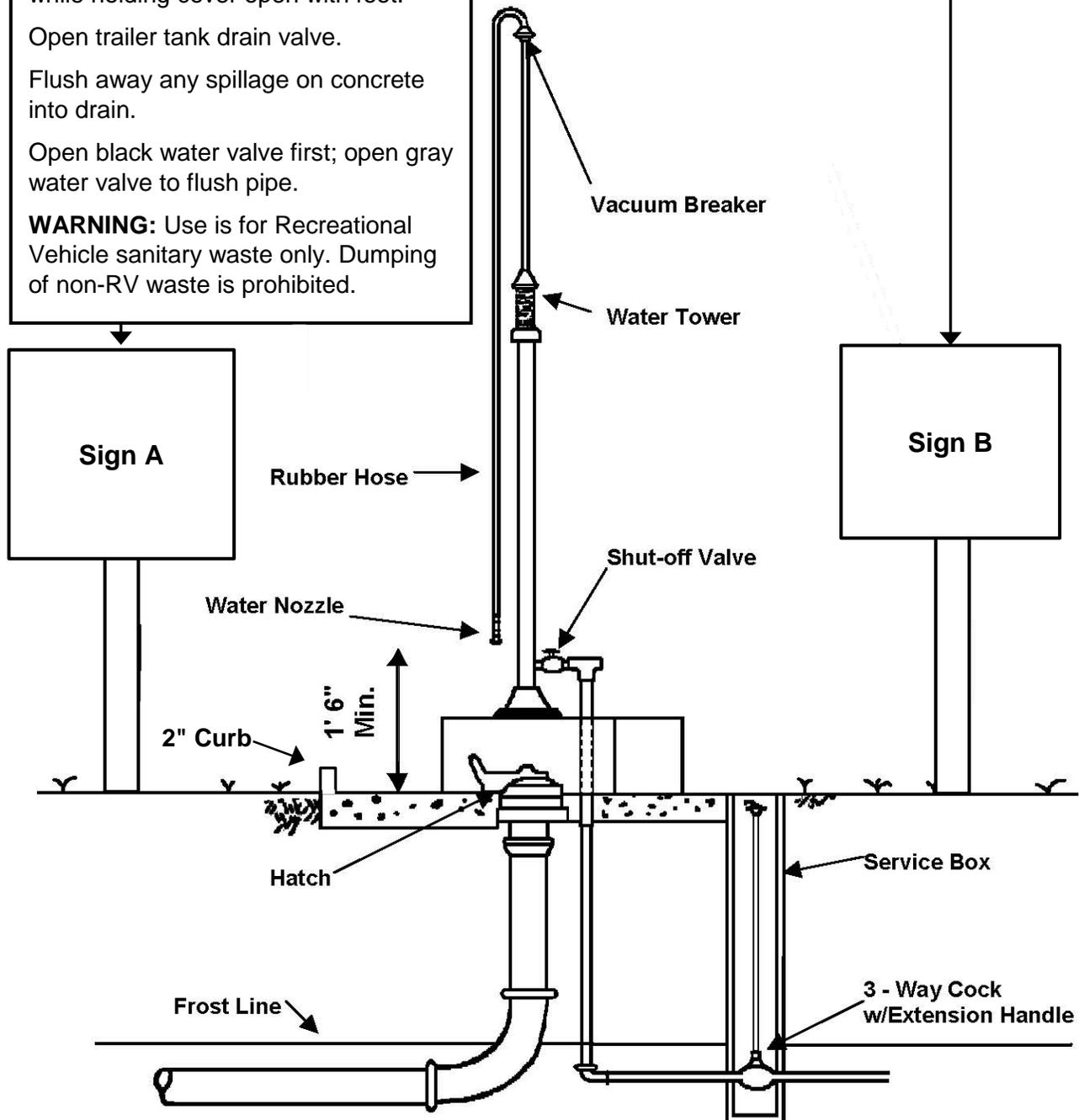
TRAILERS

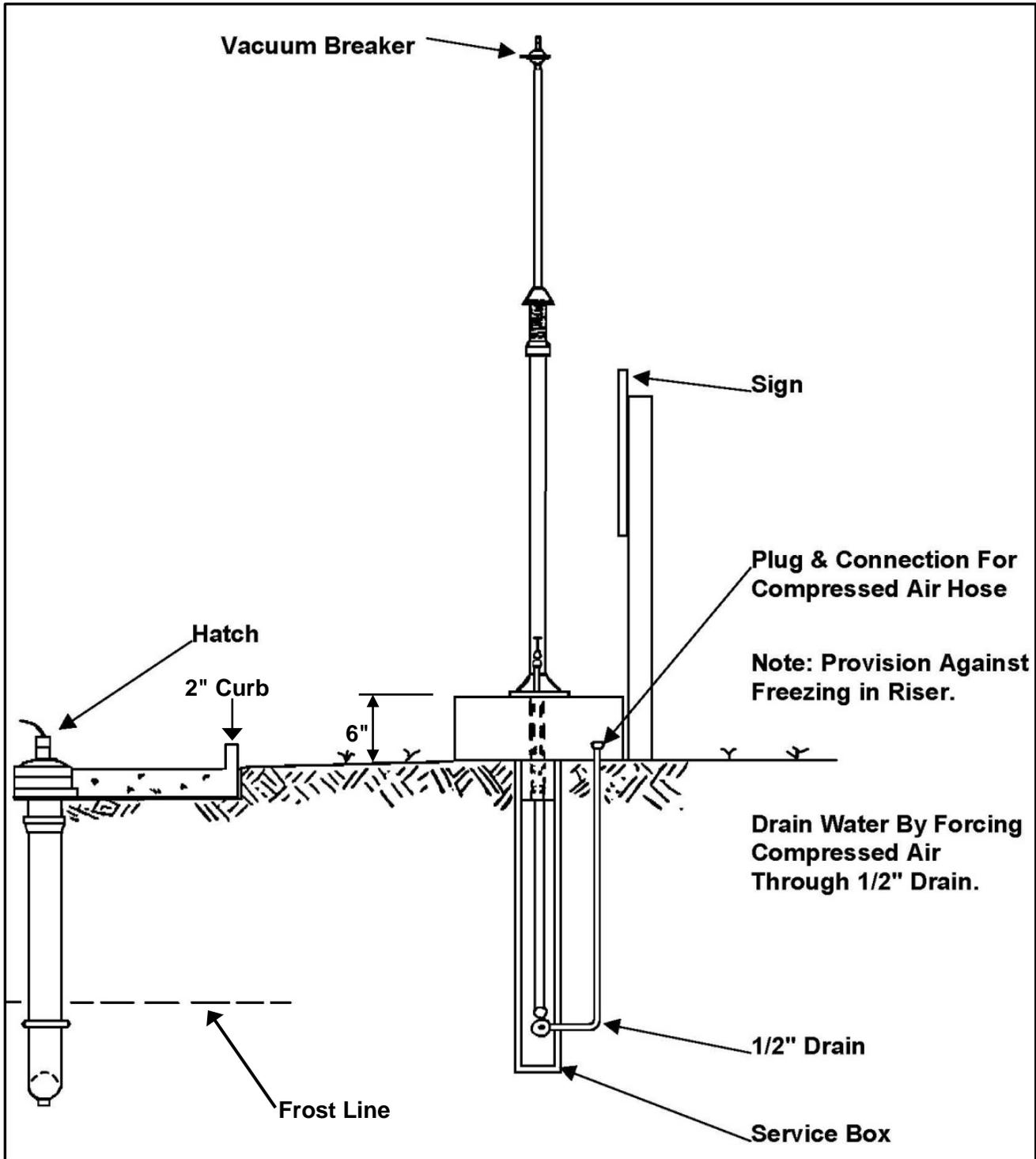
Holding Tank Disposal Instructions

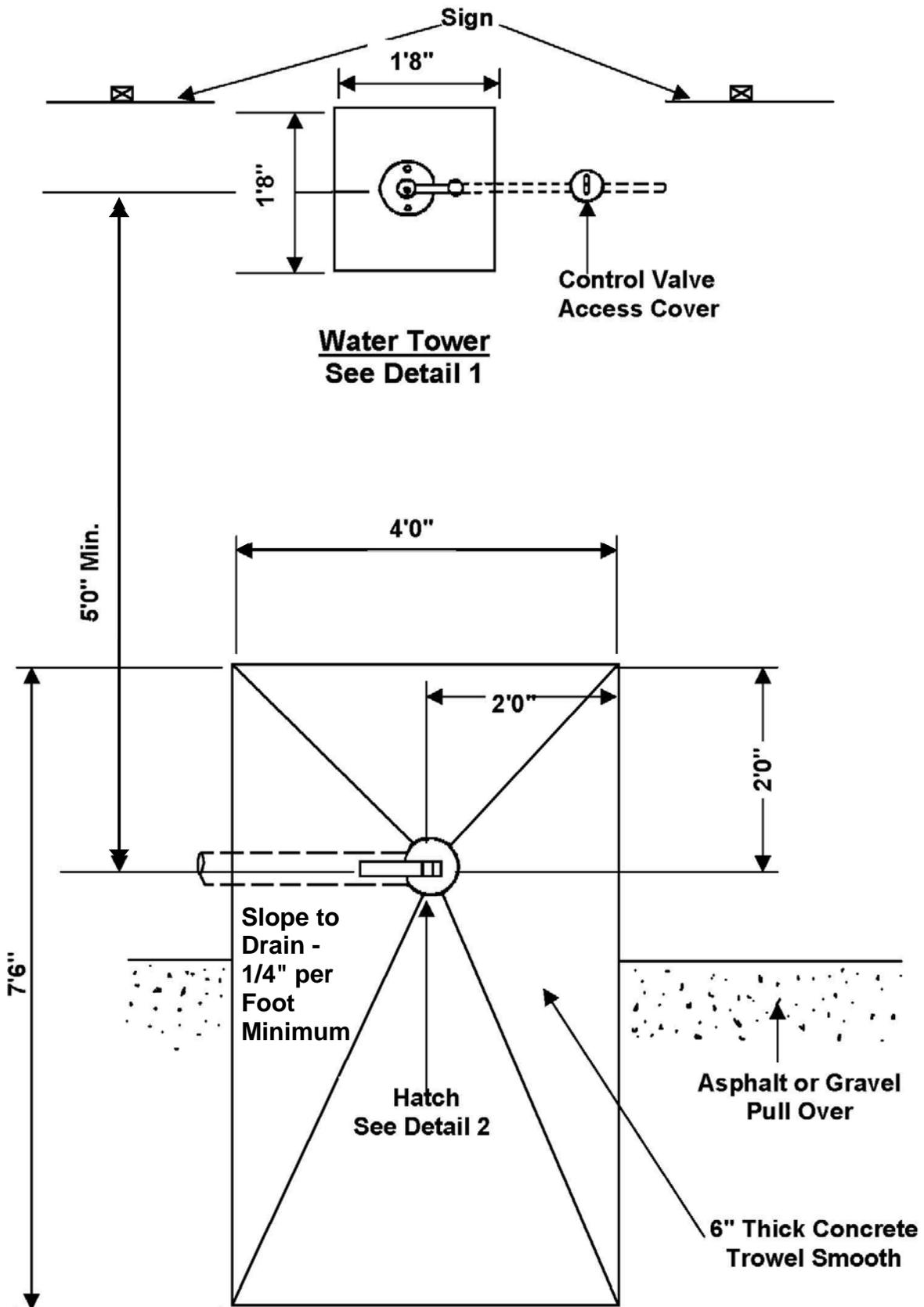
Connect your hose to holding tank.
Place end securely in drain opening while holding cover open with foot.
Open trailer tank drain valve.
Flush away any spillage on concrete into drain.
Open black water valve first; open gray water valve to flush pipe.
WARNING: Use is for Recreational Vehicle sanitary waste only. Dumping of non-RV waste is prohibited.

DANGER UNSAFE WATER

Potable water available
watering stations

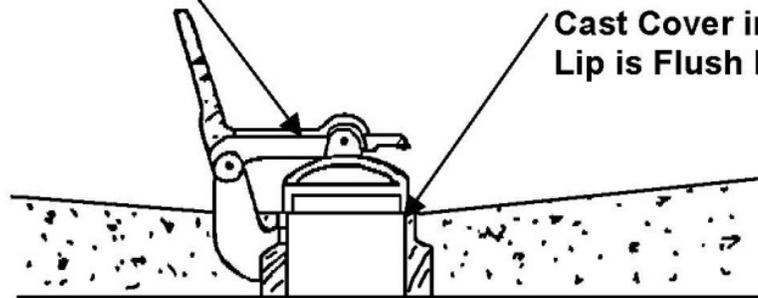






4" Self Closing Foot
Operated Cover

Cast Cover in Slab So
Lip is Flush For Wash



Detail 2
No Scale

