BARRIER FREE TRENCH DRAIN INSTALLATION

PLEASE REVIEW ENTIRE INSTRUCTIONS BEFORE PROCEEDING WITH THE INSTALLATION.

PRELIMINARY STEPS:
Deliver unit to jobsite immediately after dwelling has been sheeted.

Stock the unit into or next to the bathroom.

Verify that plumbing pipes and valves have been installed in framing wall.

INSTALL BARRIER FREE SHOWER UNITS AS FOLLOWS:
1. Measure framed Pocket Opening. Pocket size needs to be the width of the unit + ¼” - 0” for opening. Request the appropriate trade contractor adjust walls, if necessary, before proceeding. Check the pocket is plumb and square.

2. Sweep and check the floor, make sure it is level and flush front to back and side to side.

3. Verify 8” opening around drain and install brass drain on shower using silicone.

4. Measure water pipe locations for valve, showerhead from the floor up and the back stud wall (inside surface wall). Drill holes with appropriate HOLE SAW size which is typically 1” size for showerhead and tub spout. The water control valve sizes vary greatly in diameter, so measure the valve diameter and add ½” to measurement.

5. Remove center of valve: Critical – serious damage can be done to the valve when removing the center portion of the valve. Consult a professional plumber or the valve manufacturer’s instructions before actually removing center of the valve.

6. Place 2” to 3” dollops of casting plaster every 6” plus 1/2” beads of Simpson Set-XP Epoxy around the drain and across the threshold as shown below.

Optional:
A. Place 1” x 4” lengths of wood on studs so that the 1” side of the 1” x 4” wood is pressing against the back walls and side walls of tubs. Nail or screw wood into studs and apply construction adhesive at the joint where wood and back surface of tub meet. This can be done on each side wall and two places on back wall. Place these boards at the center of units extending approximately 24” in length.
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7. Screw the drain assembly into the hole in the bottom of the shower before setting the stall in the framing. Insert the drain from the top side and tighten the locking nut from the underside. Be sure to properly install the drain according to the manufacturer’s instructions.

8. Set shower unit in pocket taking care not to disturb the epoxy.

9. Level and screw off flanges every 8”, do not step in the middle of the shower.

10. Place 2”x4” in shower pan as shown in image below and brace with 2”x4” from the ceiling.

11. Using a level check the slope of the floor and level of the threshold.

12. Follow up in 24 hours to remove the vertical braces.

13. ALL UNITS ARE TO BE WATER TESTED AT TIME OF INSTALL FOR PROPER DRAINAGE.

NOTE: Barrier Free showers must be installed on a solid surface (wood, gypcrete or concrete). There can NOT be a subfloor under these surfaces such as sound proofing. If using gypcrete, you can

1x4 Support Board attached to studs. See Optional: “A”