

Introduction

Custom Proform HD (PFHD) Inspection Ports allow for camera viewing inside the Proform HD system after installation to ensure proper functionality. Installation of the ports should be done after walls have been poured and before backfilling to prevent damage of the port or standpipe. Necessary equipment for installation includes: 1- 1/2" hole saw bit with drill, 1-1/4" PVC male adapter, 1-1/4" diameter Schedule 40 PVC pipe with endcap, and PVC pipe cement. PVC standpipe to be sized in-field for appropriate length to reach above finish grade elevation.

Inspection Port Installation Instructions

Step 1: Locate the desired location to insert the Inspection Port; in the top of the PFHD (min. 4 inches from elbow or coupler), or the top of the 90° Elbow. Drill a 1- 1/2" hole in the middle of the stick or following the pre-stamped location on the elbow. See Figures 1 and 2.

Step 2: Screw the 1-1/4" male adapter end into the 1- 1/2" hole. The threads will fit tightly into the hole. When inserting into the elbow, a short end of PVC may help to push/screw the adapter into place. See Figures 3 and 4.

Step 3: Apply adhesive in the female end of the adapter and insert the 1-1/4" PVC pipe (Figure 5 and 6). Secure connection until glue has cured.

Step 4: When backfilling, be cautious around the riser and ensure that nothing is cracked. Plug the top of the riser with a 1-1/4" PVC cap to prevent debris from entering the system and mark the cap with a label to indicate that it's the location of a Proform HD Inspection Port.



Figure 1: Inserting into PFHD stick.



Figure 2: Inserting into PFHD 90° Elbow



Figure 3: Installed adapter on PFHD stick.



Figure 4: Installed adapter on PFHD 90° Elbow



Figure 5: PVC Pipe inserted into adapter at PFHD stick.



Figure 6: PVC Pipe inserted into adapter at 90° Elbow



Figure 7: Installed Inspection Port with PVC pipe.