

# — Instruction Manual —

## FLOATING FLOOR SOCKET WITH BRASS FLOOR PLATE

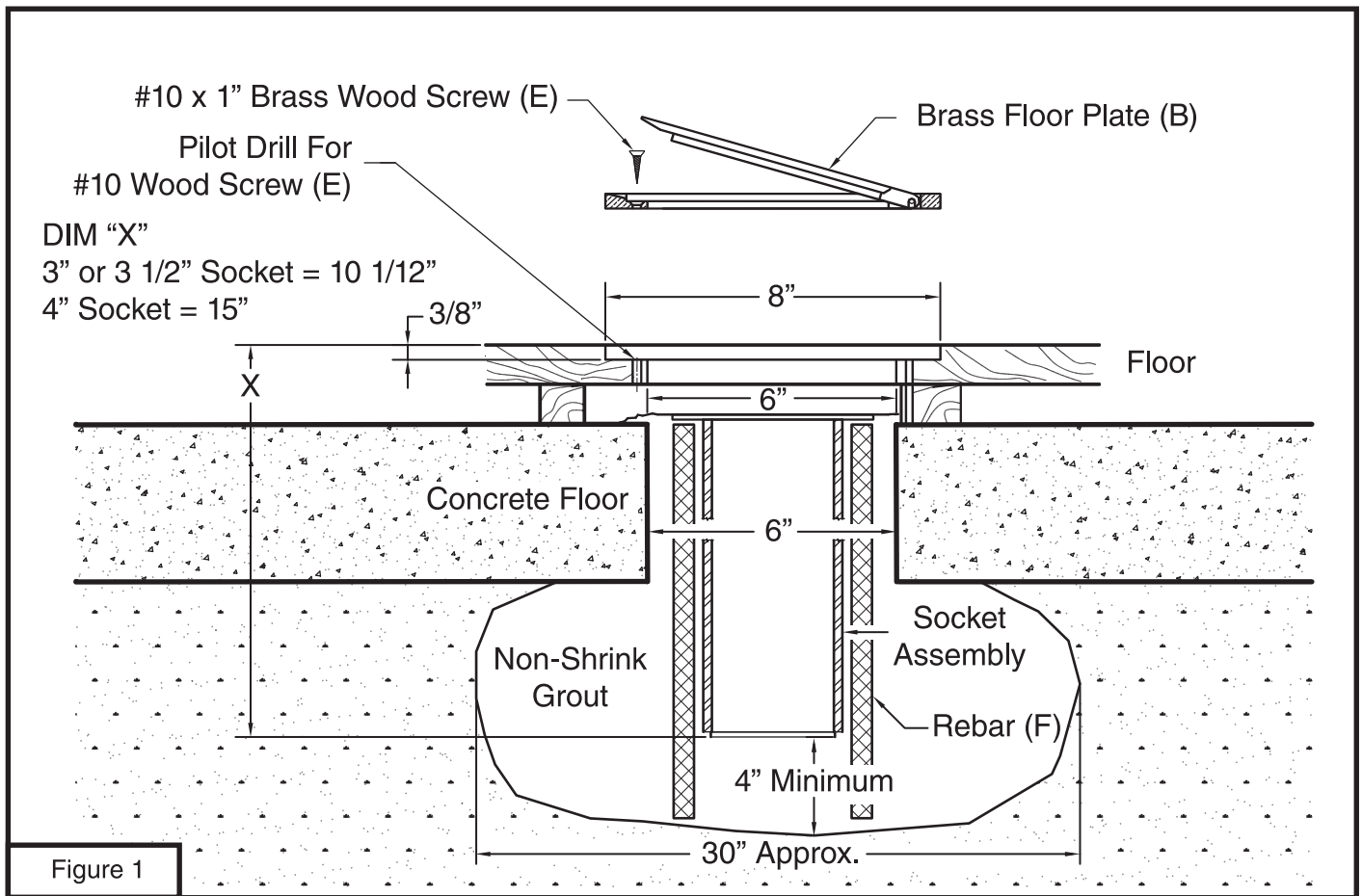
P A R T S   L I S T					
Item	Qty	Description	Item	Qty	Description
A	1	Floating Floor Socket Tube	D	3	#10 X 1 3/4" Flat Head Phillips Wood Screw
B	1	Brass Floor Plate	E	4	#10 X 1" Brass Wood Screw
C	1	Rebar Tie Wire Roll	F	4	2' Rebar, .5" Diameter

- ♦ Inspect all contents prior to installation. Report any missing parts to dealer immediately.
- ♦ Read all instructions before proceeding.

### NOTICE:

These instructions assume you are installing the sockets on a maple floating floor at ground level. You will need to consult a professional installer if your court is above a crawl space or on an upper level.

1. Determine the desired location for the Floating Floor Socket Assembly (see court diagram on page 4 ). Use a pencil to mark the center points.
2. Using a compass or similar device draw a 6" circle around the center point at both locations. Cut out this 6" circle through the wood floor and supports.
3. Rout a pocket 3/8" deep and 8" in diameter. Pocket should be concentric with the 6" hole. The *Brass Floor Plate* (B) should set flush with the floor. See Figure 1.
4. Measure the distance from the top of the floor to the concrete surface below. If the distance is greater than 3" call your sales representative for guidance as you will need to make field modifications to your socket.
5. Drill or break out a 6" diameter hole in the concrete. Use of a rotary hammer drill and a chisel or core drill is recommended. Use caution with water cooled coring drills if floor is wood as damage can occur. See Figure 1.
6. Excavate the soil, sand, and gravel below the concrete to an approximate diameter of 30". The depth of the hole should be approximately 20" from the top surface of the wood floor. See Figure 1.
7. Place socket into hole so that when the brass access plate is screwed into place, the lid is opened it is on the outside of the court.
8. Install duct tape over the top of the socket to avoid grout entering the socket during installation.



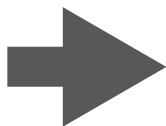
9. Set the socket/floor plate assembly into the prepared hole to insure that both the socket and the floor plate fit neatly. Rework holes if necessary.

10. Pound four 2" rods of Rebar (F) into the ground, surrounding the sleeve. Wrap Rebar with Rebar tie wire (C) to suspend socket in an upright position as non-shrink grout is drying (Figure 3).

11. Fill the hole in the concrete with premixed, non-shrink grout to within approximately 4" of the top surface of the concrete. Using a pole, vibrate the grout to insure the hole is filled. It is recommended to use a quick cure chemical action mortar similar to **Chemrex™ Set 45**

12. Install socket assembly into hole. You will need to work assembly into hole to allow the grout to surround the sleeve. If grout does not flow out the top of the hole in the concrete, remove assembly and add more grout.

13. Attach *Brass Floor Plate* (B) to wood floor using the 4 #10 X 1" Wood Screws (E) provided. It is best to drill a small pilot hole into the wood to avoid cracking.



**Caution!**  
Do not allow use of sockets for 10 days as permanent structural damage to the socket installation may occur.

The cover lid must hinge toward the outside of the court.

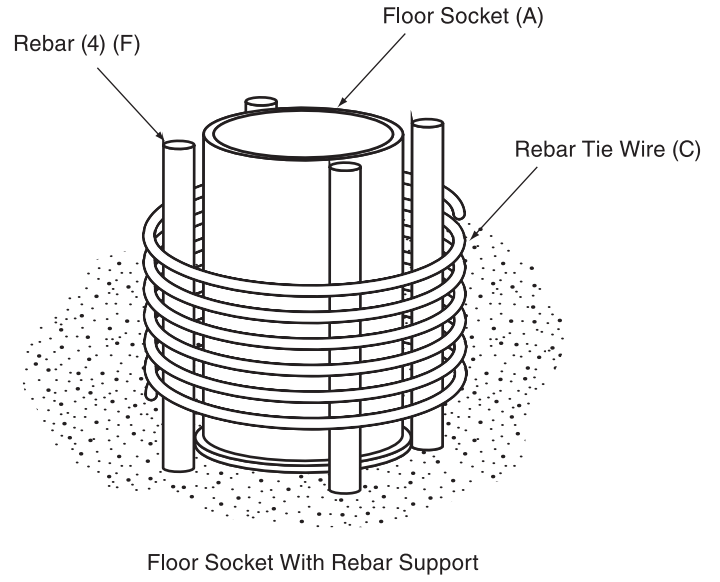
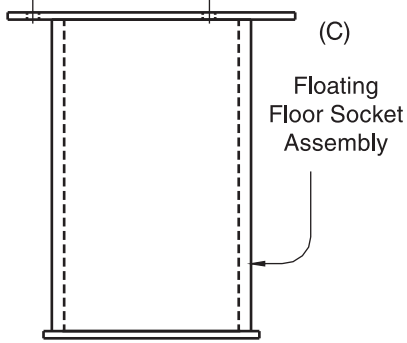
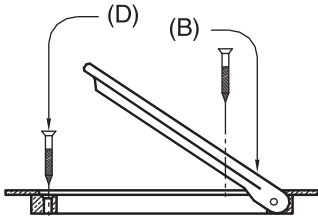


Figure 3

