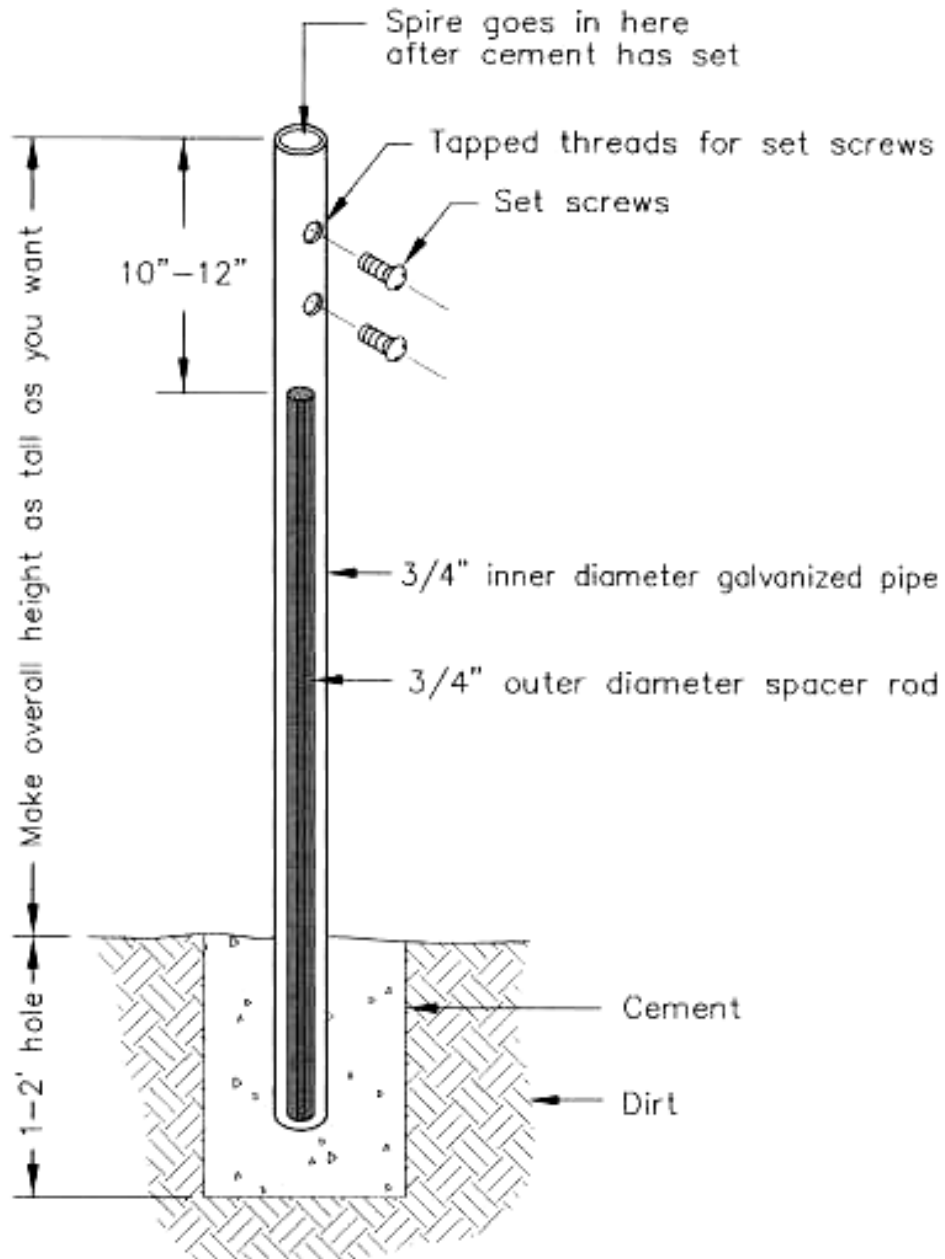


INSTALLING WEATHERVANE IN GARDEN, *On a Pole*



Tools and supplies recommended for installing your weather vane:

- 3/4" **inside diameter tube** galvanized or stainless steel (have it cut to whatever height desired).
- Drill & tap two threaded holes in top 8" of tube for use with set screws.
- Drill a hole that goes completely through tube 10-12 inches from the top and insert bolt. Screw on nut and tighten. (This acts as a stop for spire)

OR...

Insert a 3/4" diameter rod into tube described in #1 above. (Note: this rod needs to be 10 - 12 inches shorter than tube)
Rod should be flush with the tube at the bottom.

Directions for installing your weathervane:

1. Dig hole approximately 2 ft deep and 2 ft wide (the taller the pole, the deeper and wider the hole needs to be) - fill with one sack of Ready Mix concrete.
2. Insert tube assembly into the center of the wet cement.
3. **MAKE SURE TUBE ASSEMBLY IS PLUMB AND STAYS PLUMB WHILE CONCRETE SETS UP** (usually about 3 days)
4. Allow cement to set completely before installing weather vane and harness.
5. Insert spire (thickest diameter if tapered) and make sure it reaches the bottom of the hole. Then check to make sure it is vertical. If it is not, use a nail, wooden shim, etc. to position it correctly. The spire must be vertical in order for your new weather vane to spin freely. **NEVER TUG OR PULL ON SPIRE.**
6. Assemble ring, globes and directionals on spire. Use your compass to orient the brass directional letter N to true north.
7. Coat the section of the spire that will be covered by the vane sculpture piece with grease.
8. Insert ONE steel ball into the mounting tube at the base of the weather vane ornament. (*The remaining steel balls are spares in case you drop the first one during the installation.*) Then slide the vane on top of spire. If you have a 3/8" spindle on the top 10" of your rod, check to see that the vane clears the flared section of the spire. If not, add a second ball bearing and check again.
9. Be sure to tighten set screws so vertical rod does not move.



Enjoy your new weathervane!