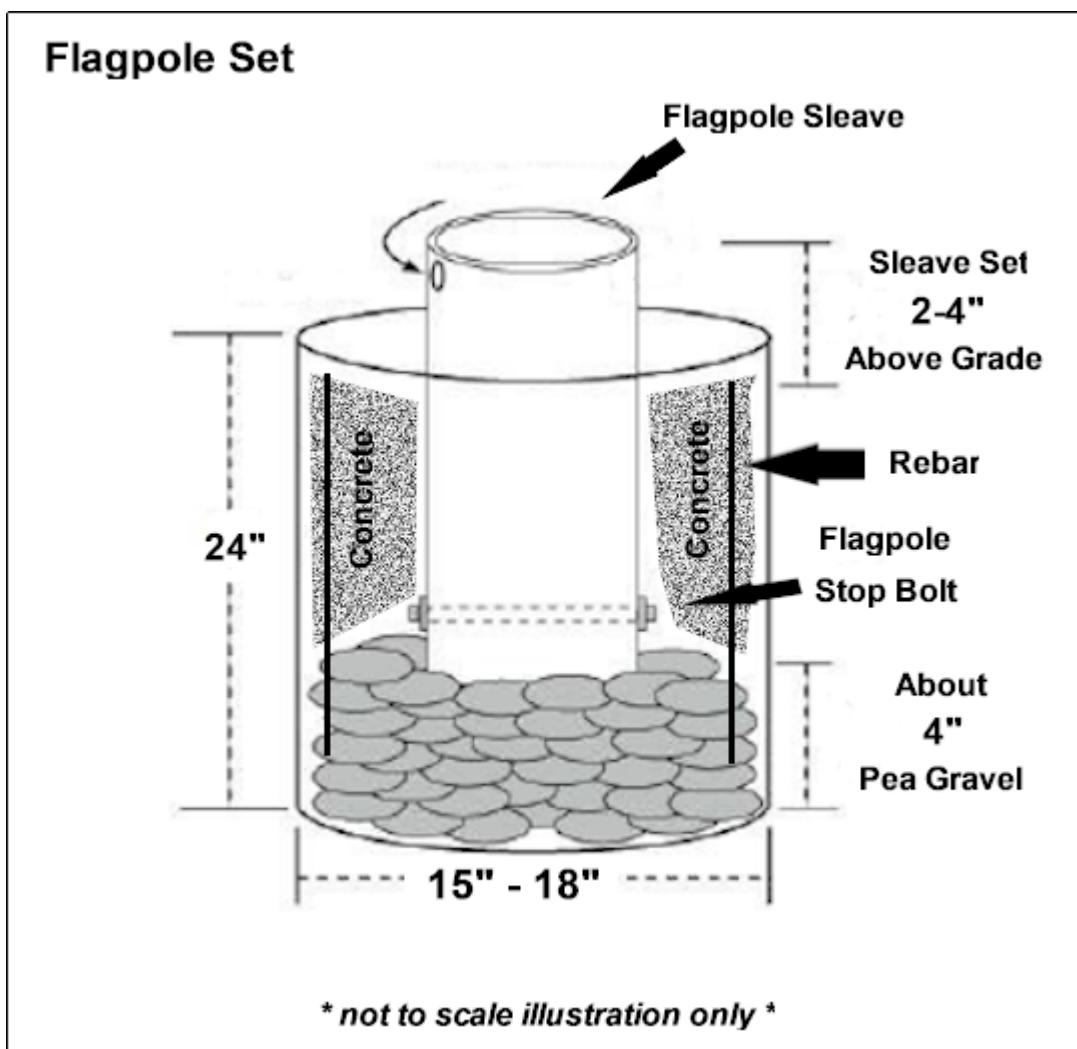




## Standard Residential Flagpole Installation

- Materials and Tools List for Sleeve Set
  - 3-4 bags of concrete mix – I use Quikrete 5000 mix to get 5000 psi mix
  - 1 small bag of pea gravel
  - Wheelbarrow to mix concrete.
  - Hoe to mix concrete.
  - Shovel or Post Hole Digger
  - 4-foot level
  - 24" Sleave – included in kit
  - Flagpole Stop Bolt – included in kit
  - Cover for Top of Sleeve – optional but recommended
  - (4) 3/8" x 2' rebar – optional but recommended
- Dig hole approximately 14-15 inches round and 24" deep.
- Place about 2-4" of pea gravel in bottom of hole for drainage
- Insert the sleeve into pea gravel but do not go past stop bolt that flagpole will eventually rest upon inside sleeve. Cover the top of sleeve to prevent concrete from getting on inside while you are pouring concrete to secure sleeve. I cut the bottom of a plastic jar to use as cover. (see photo)
- I usually mix and pour two bags of concrete before checking sleeve to be plumb. This helps in stiffing the sleeve in the concrete so it will not move when checking for plumb.
- Check for plumb by inserting your level into the sleeve all way down to the stop bolt, letting it rest on stop bolt. Make sure your level is aligned from top to bottom of one side of the sleeve and check for level. Rotate the level 90 degrees and check for plumb on that side also.
- Pour your last bag of concrete and check the sleeve for plumb once again.
- Let the concrete cure for 3 days before attempting to insert the flagpole into sleeve.

- Tips on sleeve installs.
  - **Sectional Halyard Flagpoles** – If you look at the bottom section of the sectional flagpole that will insert into the sleeve you will see notches that will fit over the Stop Bolt. When setting the sleeve try and align the bolt so it aligns with the “prevalent” wind direction for your area. Example, if wind in your area generally blows from north to south, align your bolt north to south. This will align the cleat downwind when you insert the flagpole into the sleeve and help prevent “furloughing” of the rope and flags around the pole.



Cover flagpole sleeve before pouring your concrete

