

# Lawn Flagpoles, 10: 15: or 20' Groundset

Your new Lawn Flagpole is of anodized, all-aluminum construction, and will require no further care or maintenance after installation.

## INSTALLATION:

Prepare a hole in the ground 12" in diameter, and 21" deep for 10' pole. 24" deep for 15' pole for 26" deep for 20' pole. Fill bottom with gravel and sand to a depth of 6". Place PVC setting tube into hole, and work the bottom into the sand. Plumb and brace tube, then pour concrete into hole around tube to within 1" to 1-1/2" of top. Be careful to keep inside of tube clean and free of concrete. Re-plumb setting tube before concrete sets, by temporarily inserting bottom section of pole and plumbing it instead of tube. Allow concrete to cure 24 hours before installing flagpole.

## ASSEMBLY:

Slide sections together, with the swaged ends extending **upwards** into the next section. The top section will always be the unswaged section. The second section from the bottom will always be a swaged section drilled for the cleat. To avoid the possibility of this section to rotate, it is advisable to pin this section to the bottom section with a self-tapping screw of your choice. The remaining sections complete the flagpole. Attach the cleat using the self-tapping screws supplied.

Screw the ball-stem tightly into the top of the truck. Thread the rope halyard over the pulley in the truck and tie each flag snap into place about mid-rope, using a simple overhand knot. Fasten truck to pole, using a screw driver to tighten the set-screws. Make certain that pulley in truck is aligned over cleat.

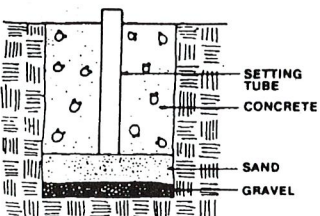
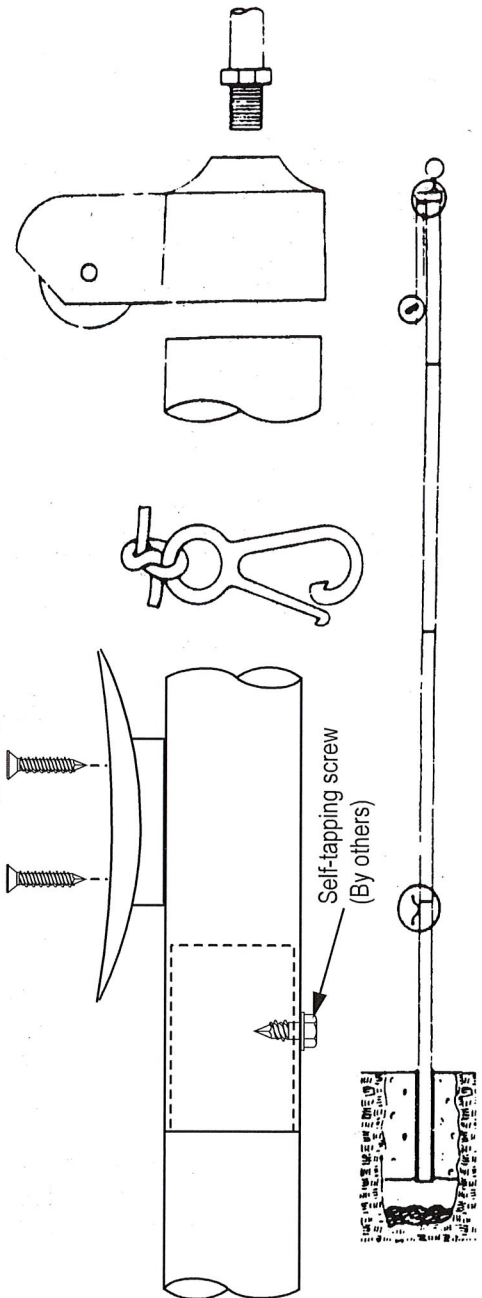
If optional flash collar is supplied, slide collar on bottom of pole and temporarily tape it to the pole below the cleat. Slide bottom of assembled sections into PVC setting tube, aligning truck and cleat in the desired direction. Drop collar down upon foundation, and caulk it into place. Adjust distance between flag snaps to fit the size flag being flown. Attach flag to flag snaps, tie-off halyard on cleat.

## ALTERNATE "A":

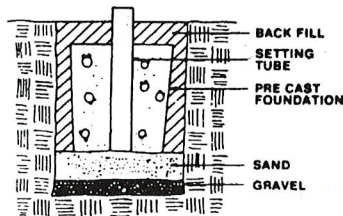
When concrete is not available at the installation site, you can use a large plastic wastebasket or pail as a concrete form. In this way you can cast the concrete foundation in one location, and then move it to the jobsite for final installation. The wastebasket or pail should be 15" to 18" deep, and at least 18" in diameter. If you decide to leave the form in place around the concrete when installing the foundation, be sure to cut an opening in the bottom of the plastic so that the butt of the flagpole can contact the sand. When you place the pre-cast foundation into the hole, work it well into the sand before backfilling. All backfill must be firmly tamped, layer by layer.

## ALTERNATE "B":

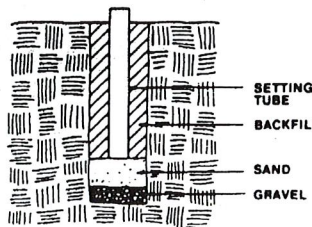
When it is not practical to use a concrete foundation, you will find that an 8" diameter hole cut into firm soil with a post-hole digger will work just as well. After the hole is dug, carefully plumb the setting tube before tamping backfill into the hole. All backfill must be firmly tamped and compressed, layer by layer.



INSTALLATION DETAIL



ALTERNATE "A"



ALTERNATE "B"

Extreme caution should be exercised when installing flagpoles near overhead powerlines or in the vicinity of buried cables