

# INSTALLING THE MOUNT ONTO A METAL POLE



The antenna can be installed on a metal pole that you place in the ground. With this option, you will attach the dish and cap mount directly to the pole. *Note: With a metal pole installation, you will not need the mast and base plate included in your antenna kit. Store it for possible future use.*



## PARTS NEEDED

- Metal pole, 2-3/8 inch outside diameter, schedule 40 galvanized water pipe, 9 feet long
- Three 40-pound bags of quick-setting concrete

## TOOLS NEEDED

- Hole digging tools
- Wheelbarrow or concrete mixing box
- Carpenter's level
- Pencil
- Hacksaw

	<b>DANGER</b>
	<ul style="list-style-type: none"> <li>• If the antenna contacts electric power lines, you will be killed or seriously injured.</li> <li>• Before starting the installation procedure, make sure there are no power lines nearby.</li> </ul>

	<b>WARNING</b>
	<ul style="list-style-type: none"> <li>• Call local utility companies before digging to avoid striking underground cables, pipes, or lines.</li> <li>• Striking or cutting underground cables, pipes, or lines can cause personal injury or property damage.</li> </ul>

1. Use the hacksaw to cut the bottom edge of the pole at a 45-degree angle (see Figure 26). This will prevent the pole from rotating over time.
2. Dig a hole at least 8 inches in diameter and at least 36 inches deep (see Figure 27). If you live in an area where the frost line goes below 30 inches, dig the hole at least 6 inches deeper than the frost line.
3. Place the bottom 3 feet of the pole in the hole and use rocks or similar objects to stabilize the pole vertically.
4. With the carpenter's level, plumb the pole along its side. Use at least two different locations at right angles to each other (see Figure 28).
5. When the pole is plumb, use the rocks or guy wires and stakes to hold it in place.
6. Confirm the pole is still plumb and adjust if necessary.
7. Prepare the quick-drying concrete according to directions and fill the hole. Slope the top of the concrete downward away from the pole to improve drainage.
8. Let the concrete dry for 24 hours.

Continue with section **“Installing the Cap Onto the Satellite Antenna Dish”** on page 22.

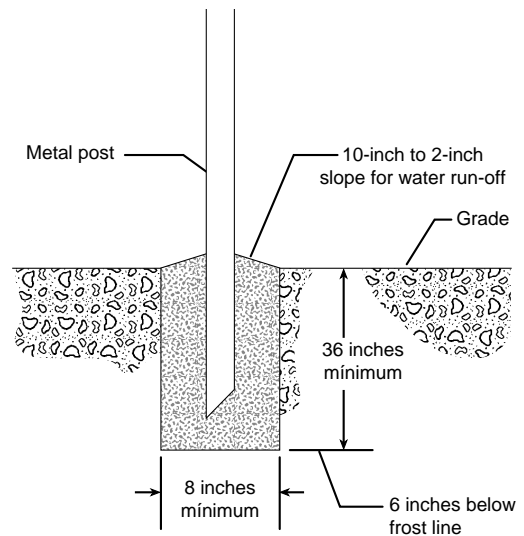
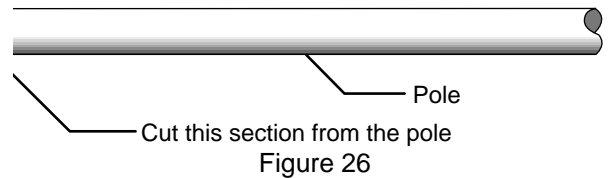


Figure 27

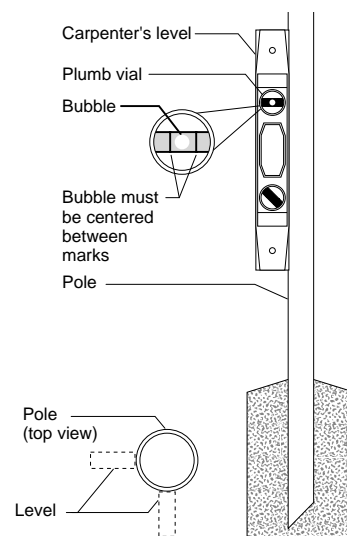


Figure 28