

# City and Borough of Sitka Metering Requirements

## Meter Base Location and Mounting

### APPROVAL OF SERVICE ENTRANCE & METER LOCATION

The location of the service entrance on the customer's premises is an important consideration to both the customer and the Electric Department. The service entrance shall be located to make the meter and service easily accessible from distribution lines and convenient for the installation, monthly reading, testing, and maintenance of metering equipment. The service entrance location must be approved by either the General Foreman or the System Engineer from the Electric Department.

### METER LOCATION RESTRICTIONS

Meters shall be installed outdoors at a location that will remain readily accessible to Electric Department employees. The meter should be located on the side of the structure closest to the point of distribution and should be within 10 feet of the front or street side of the structure. Meters should not be located in the rear of a structure. Meters should not be located on the driveway side of a structure where the addition of a garage is possible. Special conditions requiring a variation from these restrictions must be approved by the Electric Department.

### METER HEIGHT RESTRICTIONS

Individual meters shall be installed at a height of between 60" and 78" above final grade. The only allowable exceptions are for group metering and pedestal metering. The highest meter in a group metering application shall be at a height of approximately 78" above final grade. The height of pedestal metering is dependent upon the construction of a particular model of pedestal. Pedestal meters mounted on a single pressure treated wooden post (6" x 6" minimum) or double pressure treated wooden posts (4" x 4" minimum) shall be installed at a height of between 42" and 60" above final grade.

### RESPONSIBILITY OF ELECTRICAL CONTRACTOR

Meter bases must be plumb in all directions and securely mounted to a rigid surface such as framing studs. A 2x4 block or 5/16" moly bolts are required for installations that are located between studs. Mounting meter bases with screws into sheathing has led to serious ground faults in underground services due to the down force from trench settling pulling out the screws. This condition is a potential fire hazard for the customer and a safety hazard for Electric Department personnel.

