

## Risers and riser placement

### General notes

- All risers require a permit, including drop risers and additions to existing risers.
- Two adjacent quadrants need to remain free to climb.
  - When assessing open quadrants, you need to consider the following:
    - Existing risers
    - Guying
    - Signs
    - Pole bracing
    - Existing equipment attached to the pole (street lights, antennas, etc.).
    - Fences or other ground obstacles (can close out a portion of the pole)
- A pole with permanent bucket access may have up to three u-guards if the two-adjacent-open-quadrants condition is met.
- A private property pole or one without permanent bucket access will be limited to one or two u-guards depending on pole class.
- Risers are not allowed to cover the vertical ground or contact/cover any bolts or other items.
- Feeds to riser cannot cross over existing power risers.

### General riser placement rules, in order of precedence

1. Riser should be placed under a transformer when present.
2. When a fuse or switch is present, the riser should be on the opposite side of the pole to which the fuse or switch opens. The exception to this is underbuilt switches that are pointing down and mounted under double arms. For this scenario, the hinge side of the pole needs to remain open.
3. Riser should be close to existing or proposed guying.
4. If there is existing equipment on the pole, such as a street light or antenna, the proposed riser will need to be placed by the proposed guying (if any) and in the same quadrant as the existing equipment to conserve space on the pole.

### Pole risers are not allowed on:

- Mainline power risers with three u-guards.
- Conduit riser poles with concrete pedestals.
- Load break poles with a switch handle.
- Recloser poles with the large control box.
- Small cell or power supply poles (only equipment owner is allowed risers).
- Poles with line tension disconnects (primary line switches mounted in wire just off pole).

### Riser boots

- Need to be called out at time or permit if use is planned. They need to be kept to minimum size and properly trimmed if that style allows. Boots are not allowed to cover the vertical ground. If not called out at time of permit, we may request removal at audit. Use of boots will limit the amount of risers that can fit on a pole and may not be allowed if multiple companies need to rise on the same pole.

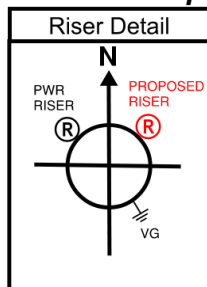
## Riser details

Riser details should show:

- All existing and proposed risers identified (labeled) in detail.
- Vertical grounds when present.
- Equipment when present.

*NOTE: If there is an existing power riser and the proposed communication riser may result in communication facilities crossing over the power riser, a note should be added to not cross over power riser.*

### ***Detail example***



NOTE: \*Owner name\* facilities may not cross power riser.