

## Clearance Between 26 kV Overhead Distribution Conductors and Buildings



### 1. Scope

This standard establishes the radial clearance requirement between Seattle City Light (SCL) 26 kV overhead distribution conductors and buildings.

Vertical clearances over roofs readily accessible to persons and vehicles are outside the scope of this standard. See SCL 0100.03.

### 2. Application

This standard is for property owners who are planning to construct a building in the vicinity of an SCL 26 kV overhead distribution conductor.

This standard is also directed at anyone who performs construction and/or maintenance work on a building in the vicinity of an SCL 26 kV overhead distribution conductor.

### 3. Requirements

The radial clearance between SCL 26 kV overhead distribution conductors and buildings shall be a minimum of 14 ft.

The 14-ft clearance allows for:

- A safer work environment when performing maintenance
- Building work to occur without the need to request a line outage from SCL

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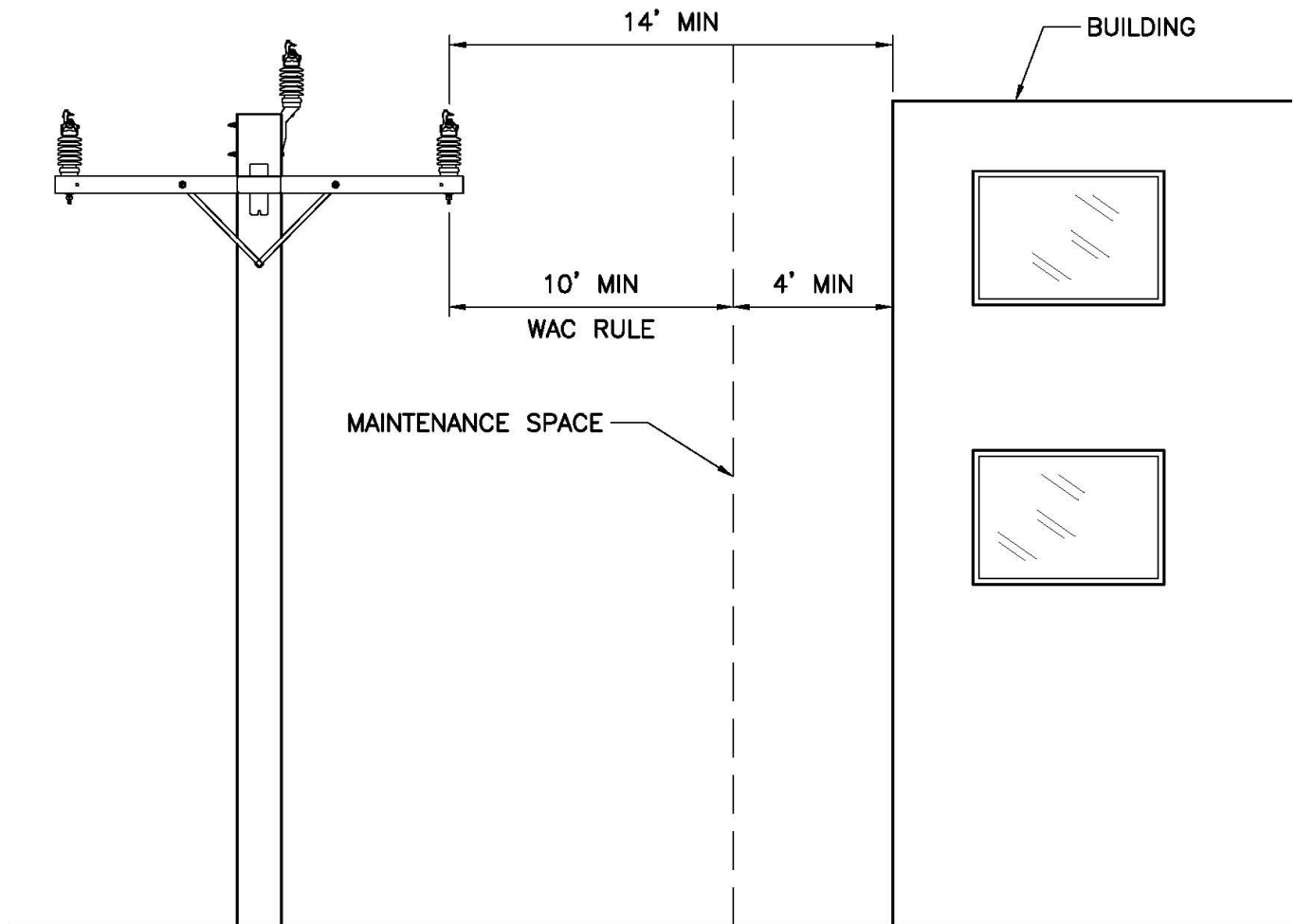
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- The performance of routine building maintenance by individuals other than qualified electrical workers
- Scaffolding to be erected, and other exterior maintenance to occur, while meeting the 10-ft clearance rules as described in WAC 296-155-428.

The 14-ft clearance also applies to any objects that protrude from the building, including downspouts, railings, and signs.

See Figure 3 for clarification.

**Figure 3. Clearance Between 26 kV Overhead Distribution Conductors and Buildings**



#### 4. References

**SCL Construction Standard 0100.03**; "Clearances Between SCL Overhead Distribution Assets and Non-SCL Structures, Except Bridges"

**Washington Administrative Code (WAC)** [296-155-428](https://www.wac.gov/wac/296-155-428)

## 5. Sources

**Lu, Curtis**; SCL Standard Engineer, co-originator, and subject matter expert for 0010.04

**Neuansourinh, Ponet**; SCL Standards Engineer, co-originator, and subject matter expert for 0010.04

**SCL Construction Standard D2-3** (canceled); "Clearances from Structures and Ground"