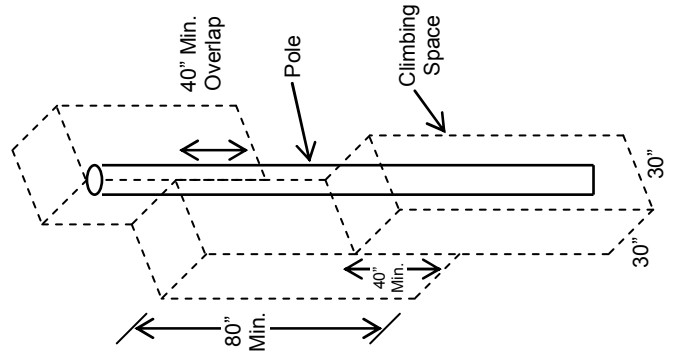
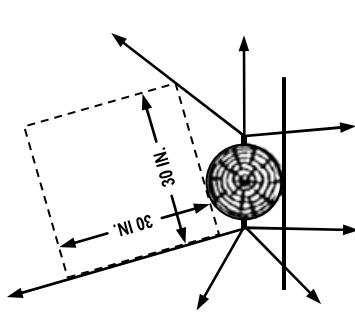


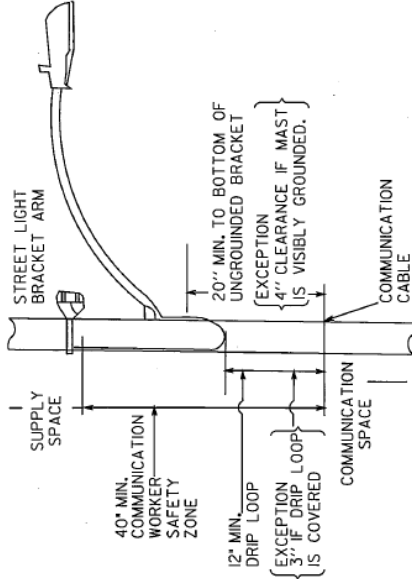
**NEC 236
CLIMBING SPACE**

Climbing Space is an unobstructed, vertical space along the side or corner of the pole. In general, it consists of an imaginary box, 30-inches square, extending at least 40 inches above the highest communications cable or other facility and 40 inches below the lowest communications cable or other facility, but may be shifted from any side or corner to any other side or corner. Support arms are not considered to obstruct the climbing space.

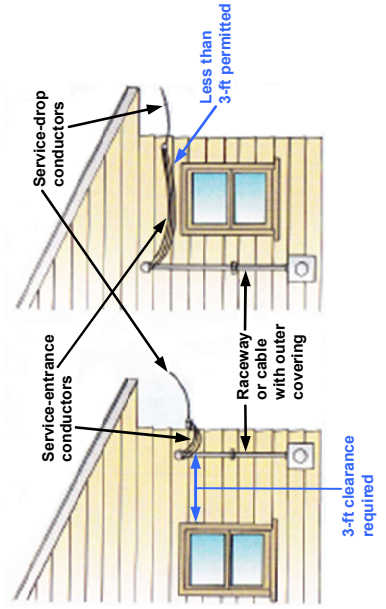


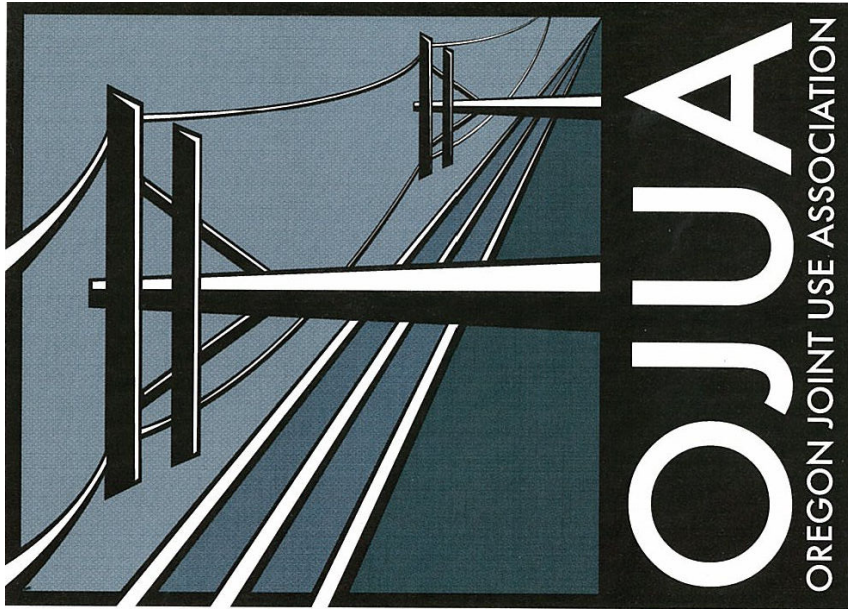
**NEC 238
UNGROUND MAST ARMS**

(Assume all streetlights are ungrounded unless ground is visible)



**NEC 234C3d(2)
SUPPLY CLEARANCE TO WINDOWS**

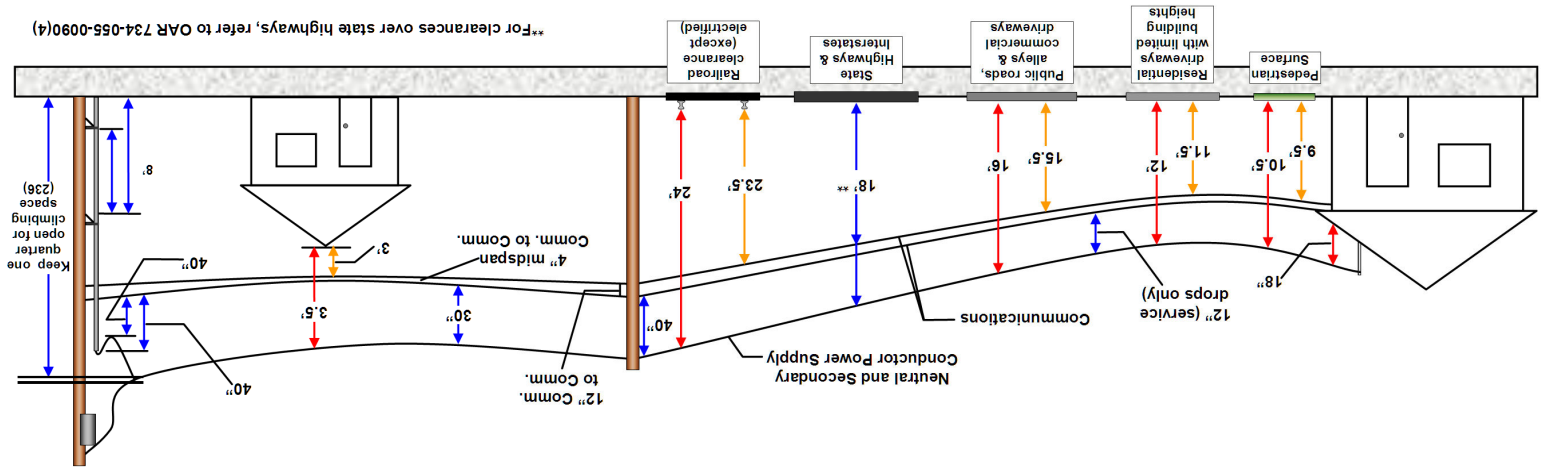




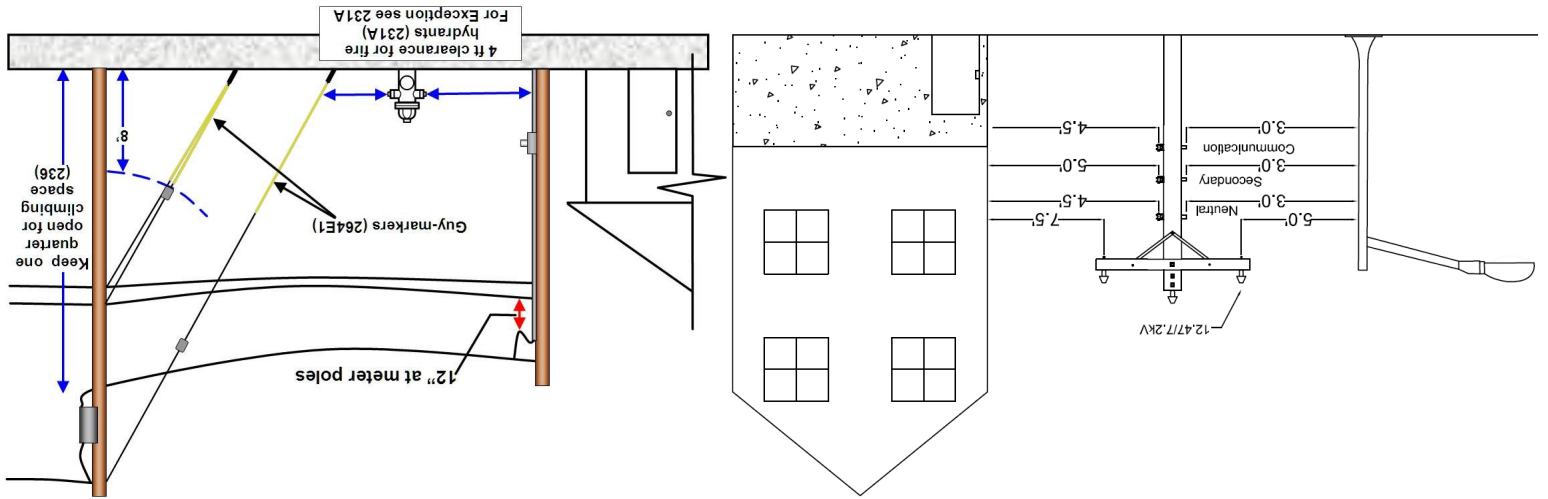
This Document is intended to provide reference for aerial clearances of Communications and Power facilities. This is not an official codebook. When constructing aerial facilities, please refer to the governing codes, such as the National Electrical Safety Code, National Electric Code, Oregon Public Utility Commission Safety Rules, Oregon Occupational Safety and Health Administration, State, County and Municipal codes, and all other applicable standards, including contracts.

Other Resources:

- OJUA www.ojua.org
- OPUC www.oregon.gov/PUC/safety/index.shtml
- IEEE www.ieee.org/portal/site
- NESC <http://standards.ieee.org/nesc>
- OSHA www.osha-slc.org/admin/safejobsb/sjsbagriculture.html



NESC TABLE 232-1 VERTICAL CLEARANCE OVER SURFACES
 NESC TABLE 235-5 VERTICAL CLEARANCE AT SUPPORTS
 NESC 235C2a(1)(b) SAG RELATED CLEARANCES
 NESC 235H CLEARANCE AND SPACING BETWEEN COMMUNICATIONS



NESC 234 CLEARANCES TO OTHER STRUCTURES
 Cables 300 V or less need to be a minimum two feet over the street light.