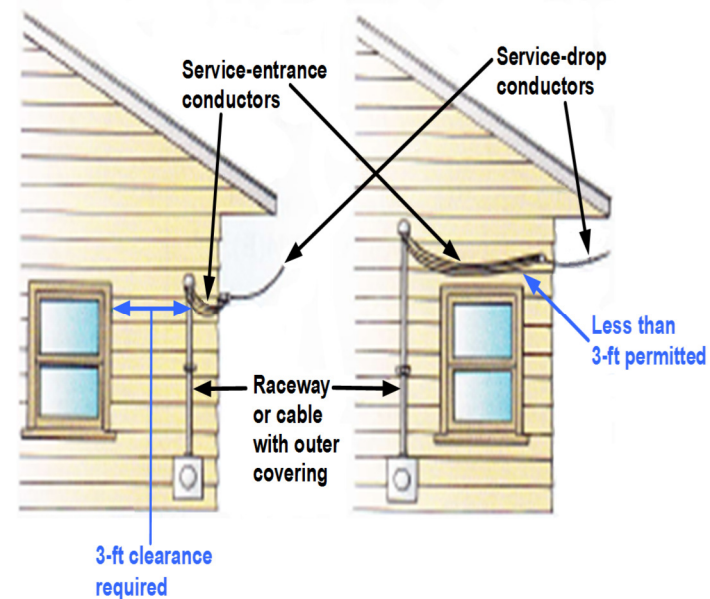


UNGROUNDING MAST ARMS

The diagram shows a vertical communication cable and a horizontal street light bracket arm crossing at an angle. The following clearances and dimensions are specified:

- SUPPLY SPACE**: Indicated at the top of the cable.
- 40" MIN. COMMUNICATION WORKER SAFETY ZONE**: A vertical clearance zone above the crossing point.
- 12" MIN. DRIP LOOP**: A loop in the cable below the safety zone.
- EXCEPTION: 3" IF DRIP LOOP IS COVERED AND MAST IS GROUNDED**: A note for a reduced clearance.
- 40" MIN. TO BOTTOM OF UNGROUNDED BRACKET**: The clearance from the bottom of the bracket arm to the cable.
- { EXCEPTION 4" CLEARANCE IF MAST IS VISIBLY GROUNDED. }**: A note for a further reduced clearance.
- COMMUNICATION SPACE**: The area around the cable below the crossing.
- COMMUNICATION CABLE**: The cable itself.
- STREET LIGHT BRACKET ARM**: The arm of the street light fixture.

SUPPLY CLEARANCE TO WINDOWS



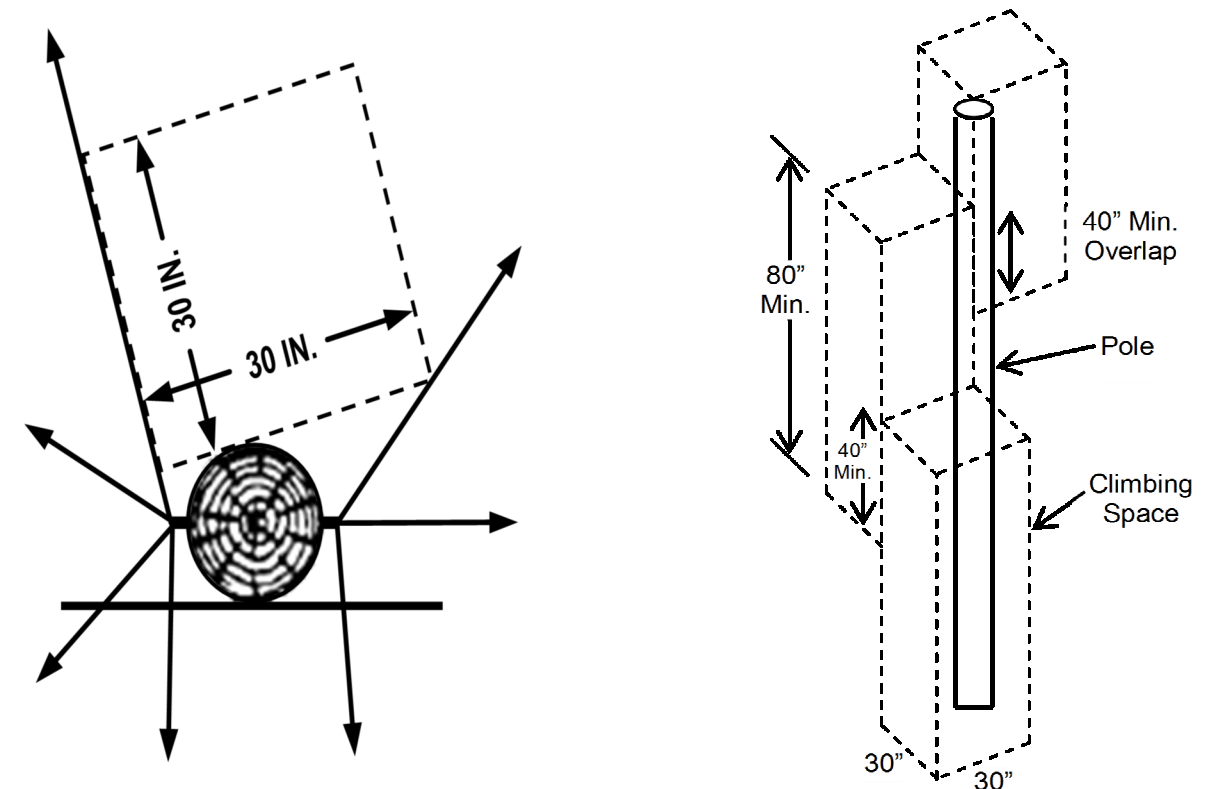
This image shows a blank sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.



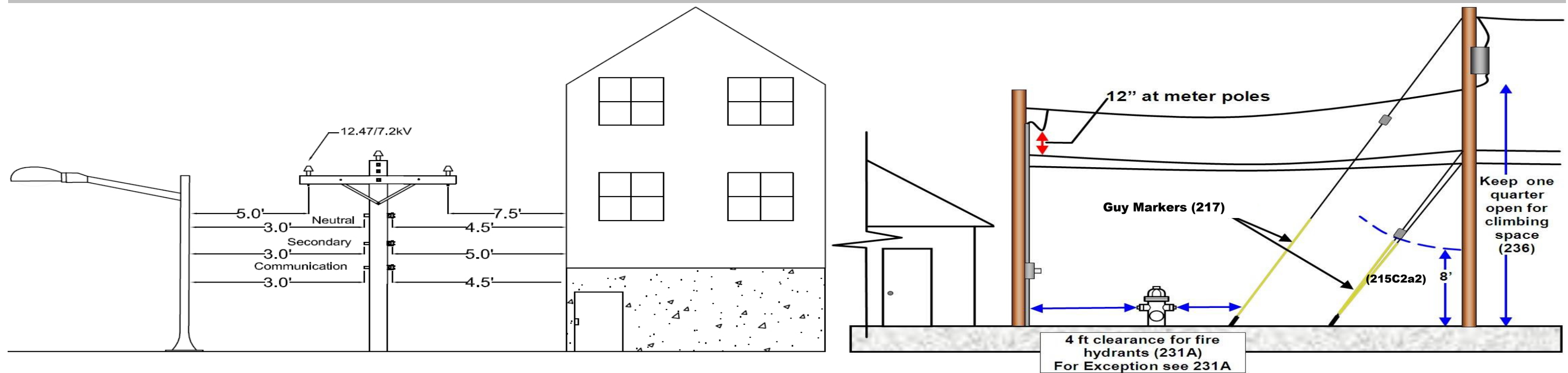
Other Resources:

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.gov/admin/safejobsb/sjsbagriculture.html

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.



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



NESC TABLE 232-1 VERTICAL CLEARANCE OVER SURFACES
NESC TABLE 235-5 VERTICAL CLEARANCE AT SUPPORTS
NESC 235C2b(1)(a) SAG RELATED CLEARANCES
NESC 235H CLEARANCE AND SPACING BETWEEN COMMUNICATIONS

MINIMUM ACCEPTABLE CLEARANCES

NOTE: These values are intended for NESC inspection reference only and are not intended for construction or design criteria.

