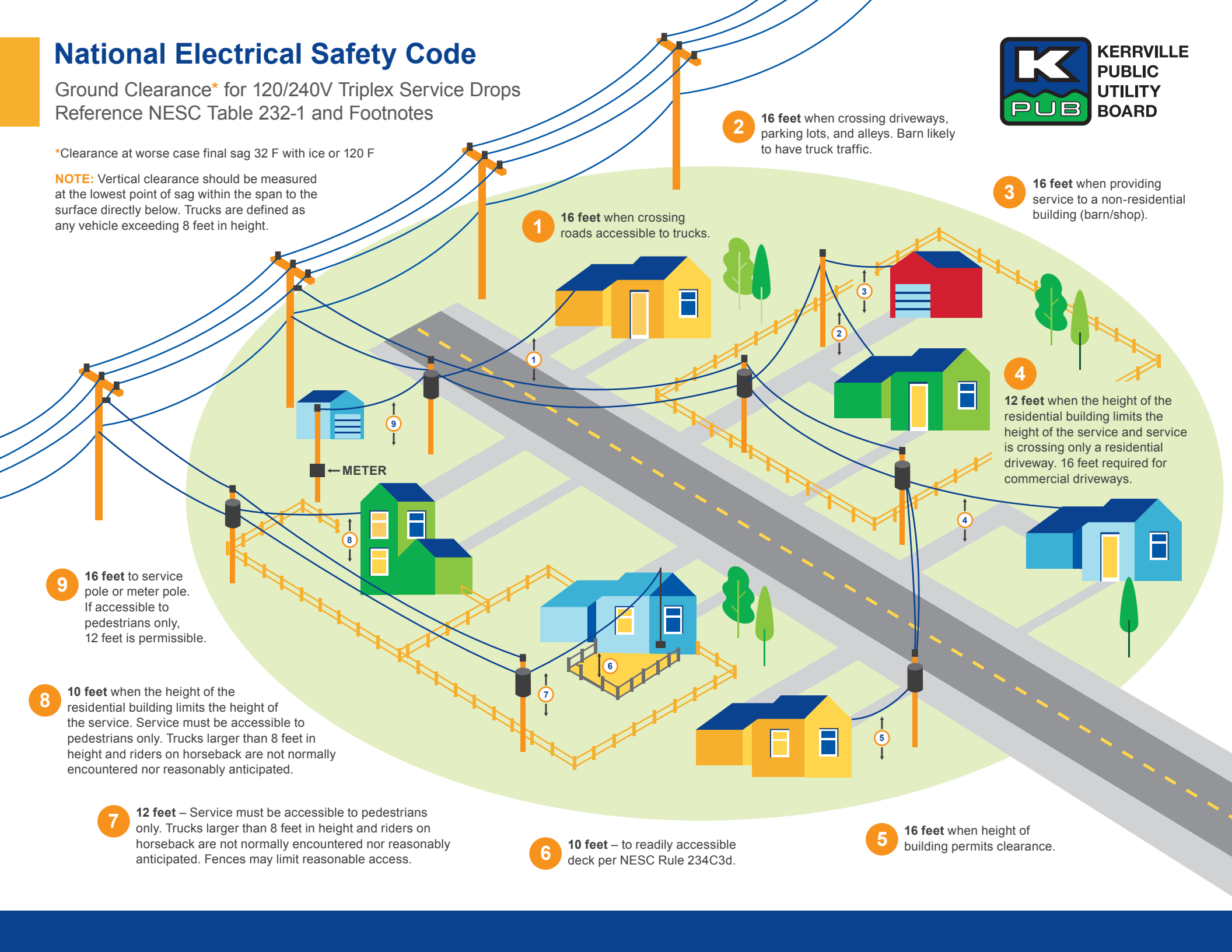


National Electrical Safety Code

Ground Clearance* for 120/240V Triplex Service Drops
Reference NESC Table 232-1 and Footnotes

*Clearance at worse case final sag 32 F with ice or 120 F

NOTE: Vertical clearance should be measured at the lowest point of sag within the span to the surface directly below. Trucks are defined as any vehicle exceeding 8 feet in height.



1 16 feet when crossing roads accessible to trucks.

2 16 feet when crossing driveways, parking lots, and alleys. Barn likely to have truck traffic.

3 16 feet when providing service to a non-residential building (barn/shop).

4 12 feet when the height of the residential building limits the height of the service and service is crossing only a residential driveway. 16 feet required for commercial driveways.

9 16 feet to service pole or meter pole. If accessible to pedestrians only, 12 feet is permissible.

8 10 feet when the height of the residential building limits the height of the service. Service must be accessible to pedestrians only. Trucks larger than 8 feet in height and riders on horseback are not normally encountered nor reasonably anticipated.

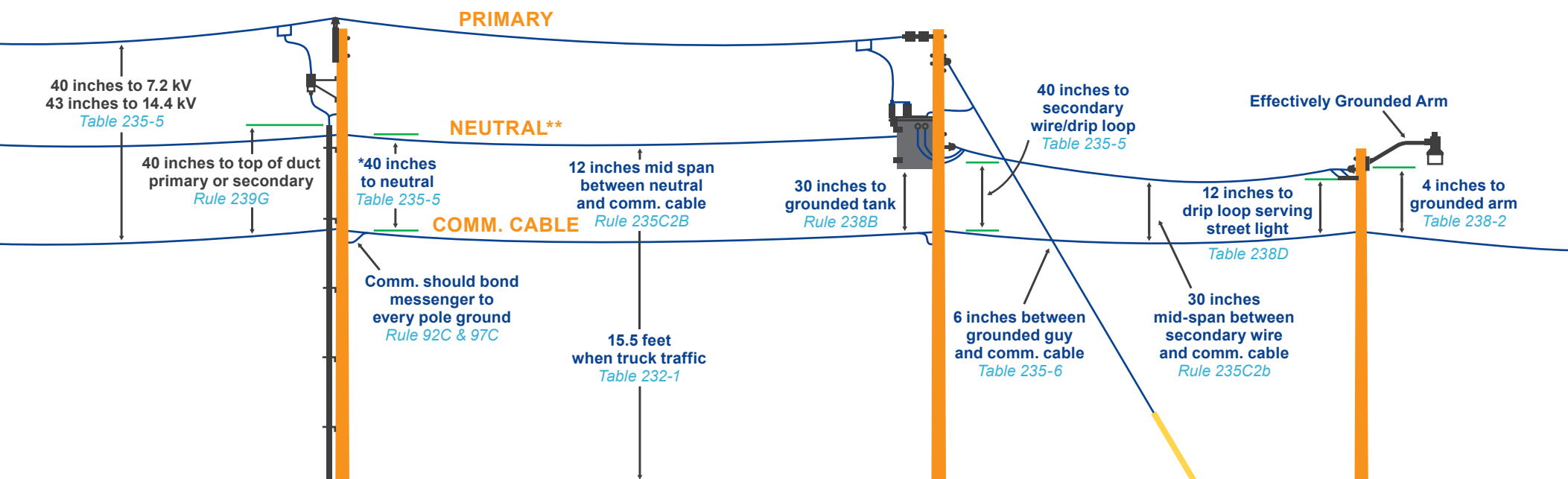
7 12 feet – Service must be accessible to pedestrians only. Trucks larger than 8 feet in height and riders on horseback are not normally encountered nor reasonably anticipated. Fences may limit reasonable access.

6 10 feet – to readily accessible deck per NESC Rule 234C3d.

5 16 feet when height of building permits clearance.

Summary of NESC Clearances to Communication Cables

See NESC for details and exceptions



A communication worker safety zone is 40 inches of clearance between communication lines and supply lines/equipment per *Rule 235C4 & 238E*.

*30 inches is allowed if the communication messenger is bonded to the neutral throughout the service area. *Table 235-5*

**Fiber Optic Cables in the supply space (*Rule 224A*) will have the same required clearance as a multi-ground neutral. (*Rule 235C*)