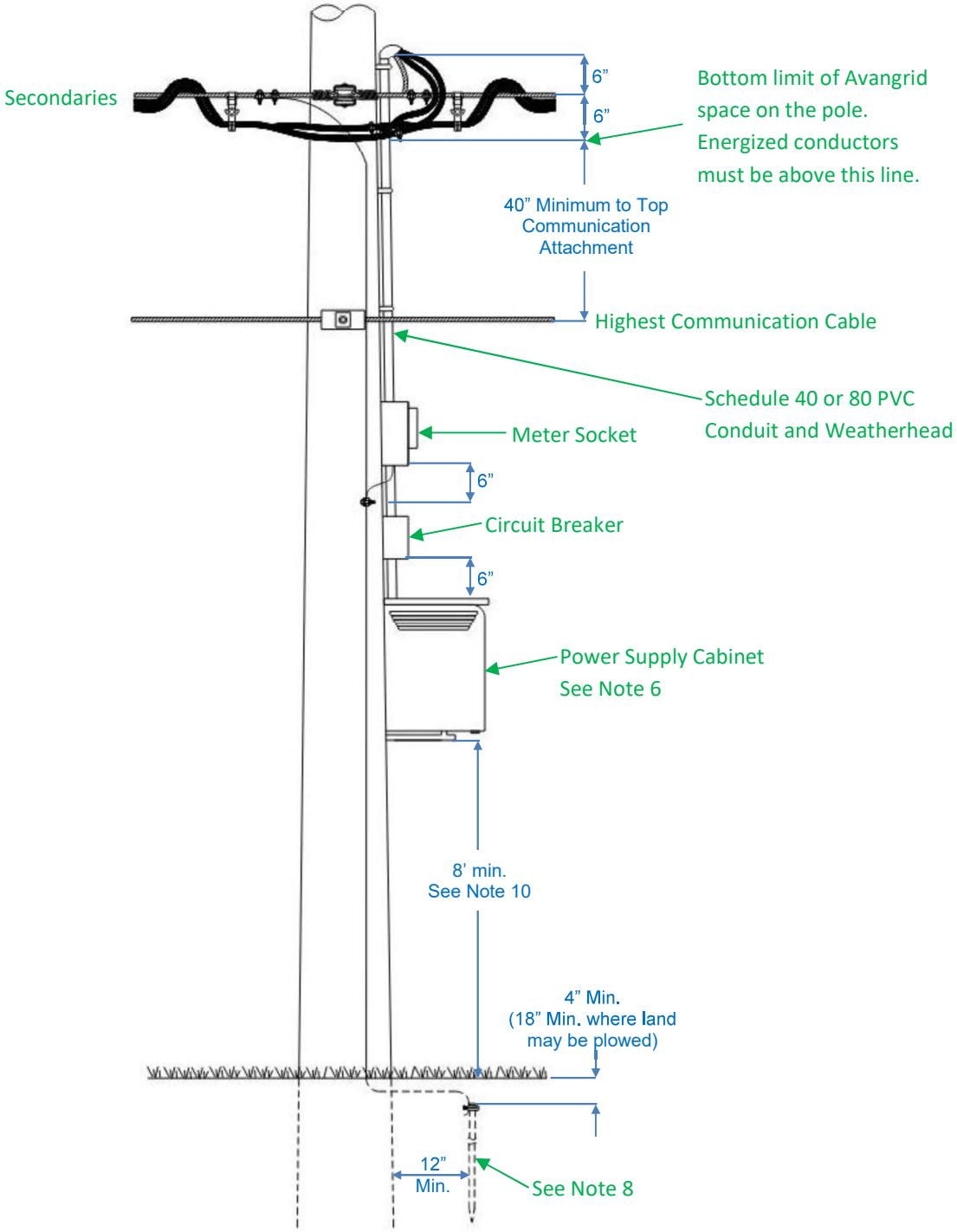
Cable Television/Communications Power Supply

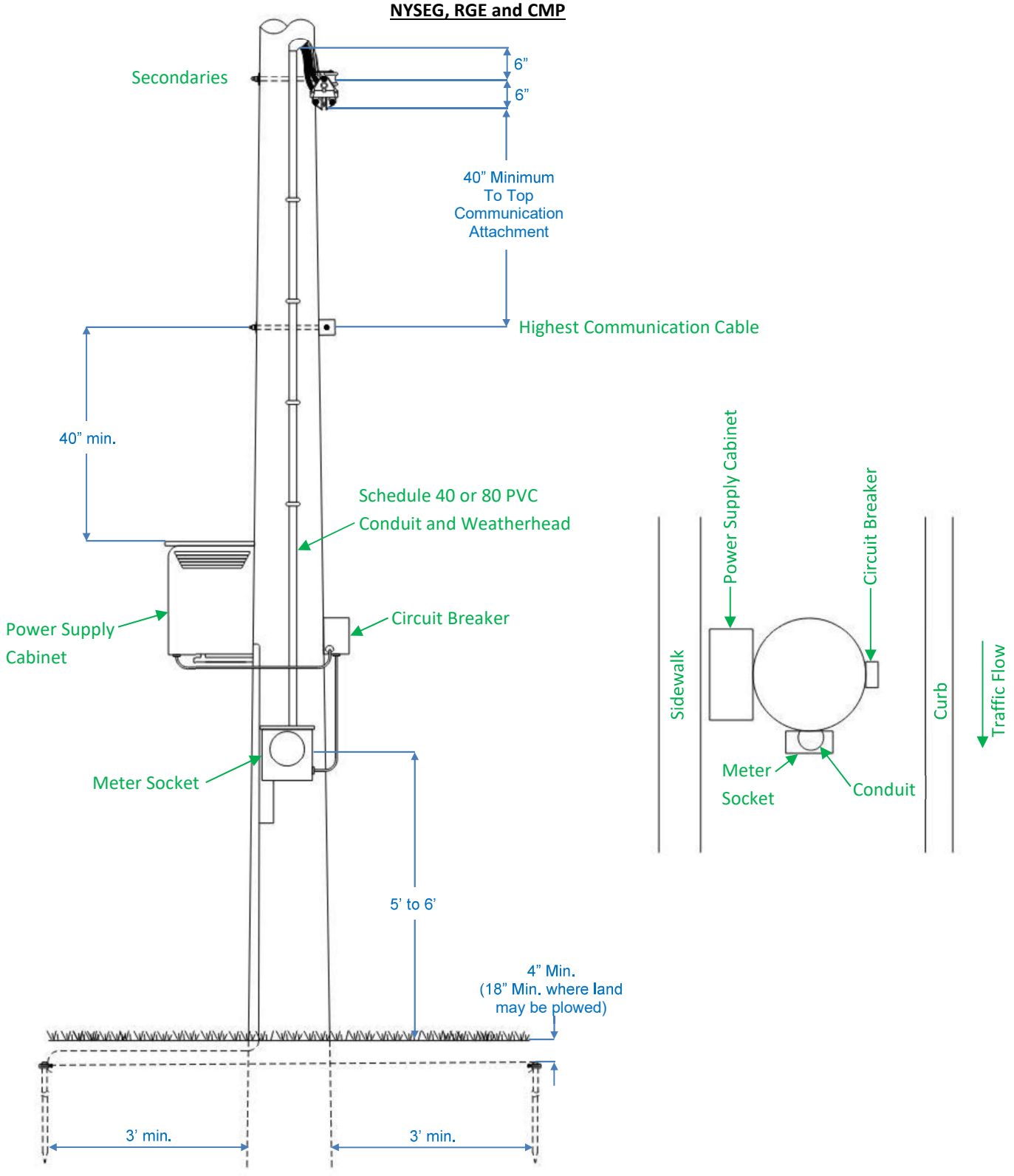
UI



AVANGRID ENGINEERING	DISTRIBUTION CONSTRUCTION STANDARDS	Cable Television/Communications Power Supply

					DSN: WD	DR: CR	**Page 1 of 3 in this DCS**	
					CK:	ES	MACRO #:	
			UPDATES TO STANDARD DRAWING AND MACROS		APP:	GA	DCS #:	REV.
REV.	DATE	BY	DESCRIPTION	APP.	DATE:	10/13/25	**DCS-OH-GC-09-110**	**0**

NYSEG, RGE and CMP



AVANGRID ENGINEERING	DISTRIBUTION CONSTRUCTION STANDARDS	Cable Television/Communications Power Supply

					DSN: WD	DR: CR	Page 2 of 3 in this DCS	
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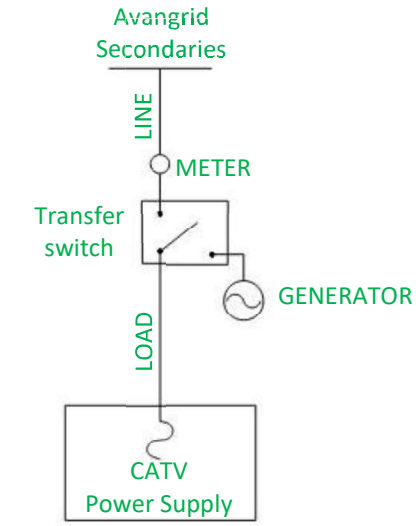
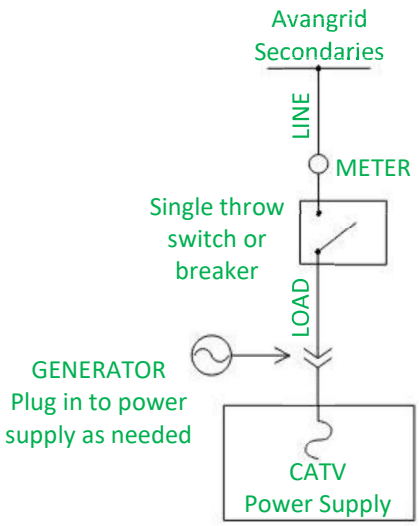
Generator Connection

If power supplies require generator connection, it must be constructed in accordance with the below diagrams to prevent back-feed into Avangrid secondaries.



When generator connection is made using a switch device.



When generator connection is "plug-in" in power supply.

Notes:

1) Approval shall be obtained from Avangrid prior to the start of any construction.
2) All equipment on pole shall be mounted and installed in accordance with dimensions found in the latest revision of the NESC, Section 239 as well as the NEC and any state and local municipality requirements.
3) The operator or contractor shall provide all material for the installation and shall not make any connection to Avangrid facilities. Avangrid shall be solely responsible for any connection to its facilities.
4) Typical electric service shall be single phase, 20-amp, 120 volts AC (or as specified by Avangrid). All metallic conduits and metallic boxes shall be effectively grounded to the Avangrid secondary neutral.
5) There shall be a circuit breaker with 100-amp meter socket located electrically ahead of the fuse(s) in the power supply.
6) The power supply shall be rigidly attached to the pole on the gain side of the pole (UI only). The conduit shall not serve as a supporting member.
7) The location of the conduits and power supply shall maximize the free (climbing) space on the pole. The conduit shall be secured by two-hole straps at both ends and for every 10' of conduit. All non-metallic conduits shall be schedule 40 or schedule 80 PVC.
8) The power supply shall be connected to a pole ground in accordance with DCS-OH-GC-10-010. All metal enclosures shall be bonded and grounded.
9) CATV/Communications workers shall not work or install facilities within the Communication Work Safety Space. Avangrid shall finish installation of the riser within the electric gain/space.
10) In UI territory, no equipment is to be installed within 8' of ground level.