

PEARL RIVER VALLEY
ELECTRIC POWER ASSOCIATION

Minimum Requirements

NON-RESIDENTIAL METER POLE
(Commercial, Shop, Pump, Etc.)

Meter pole shall be provided, installed and maintained by consumer in accordance with the following specifications:

Pole shall be treated, either round 5 inches in diameter at the top, or square 6 x 6 (20 ft. height only), placed 5 feet in ground, backfilled, and well tamped to prevent leaning. (See table for minimum pole heights.)

Meter socket shall be 5 to 6 feet above ground line and fastened with wood screws. Rigid conduit, EMT, or electrical PVC shall be used from meter socket to weatherhead near top of pole. Pipe shall be fastened to the pole with straps. At least 24 inches of wire shall be left at weatherhead for drip loop. Disconnect box shall be weatherproof consisting of main disconnect with appropriately sized breakers or fuses.

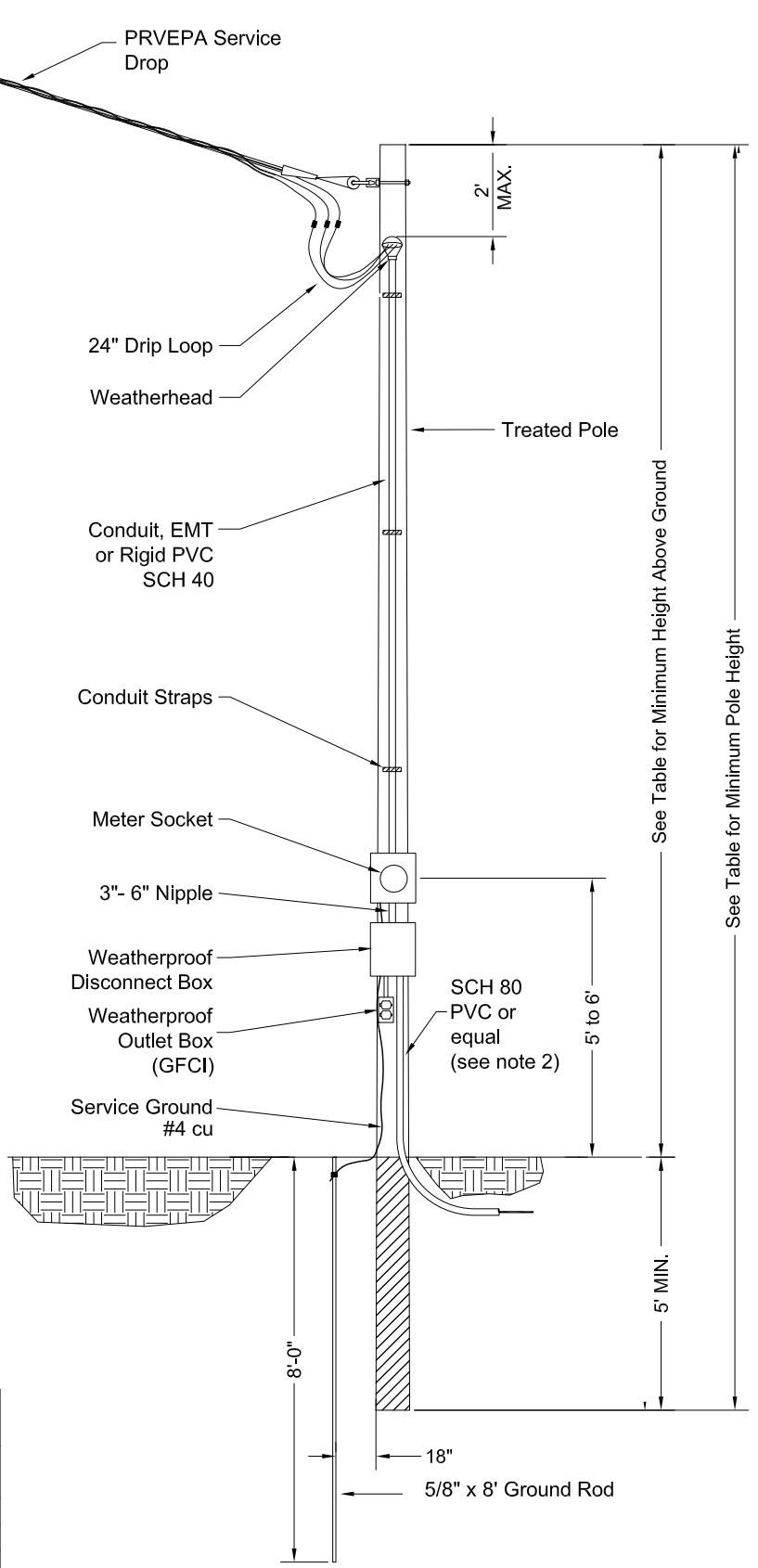
Weatherproof outlet box, if used, shall be 15 or 20 ampere receptacle with approved Ground Fault Circuit Interruption (GFCI) protection for personnel.

Service ground shall consist of #4 copper wire (minimum acceptable #6) from meter socket to ground rod. Ground rod shall be 5/8 inch by 8 foot long galvanized or copper rod. Ground rod clamp shall be used to connect ground wire to rod. Ground wire shall be secured to pole with staples spaced 6 inches apart.

Installation shall comply with current National Electrical Code (NEC). Compliance is sole responsibility of consumer.

NOTES:

1. A copper service entrance is preferred and recommended by PRVEPA.
2. Wiring above ground and/or exposed to physical damage shall be protected by Schedule 80 PVC conduit, or equal.



MINIMUM HEIGHTS:	POLE	ABOVE GROUND
Open land subject to vehicles, cultivation, grazing, farm equipment	25'	20'
Vehicular traffic area	25'	20'
Pool or water area	25'	20'
No Vehicular traffic, pedestrians only	20'	15'

CONSUMER OWNED SERVICE ENTRANCE						
DISCONNECT SIZE (AMPS)	COPPER WIRE			ALUMINUM WIRE		
	CONDUCTOR	NEUTRAL	CONDUIT	CONDUCTOR	NEUTRAL	CONDUIT
60	#6	#6	1"	#4	#4	1"
100-125	#2	#6	1 1/4"	#1/0	#4	1 1/2"
150	#1/0	#4	1 1/2"	#3/0	#2	2"
200	#3/0	#2	2"	#250	#1/0	2 1/2"
300	#300	#1/0	2 1/2"	#400	#2/0	3"