

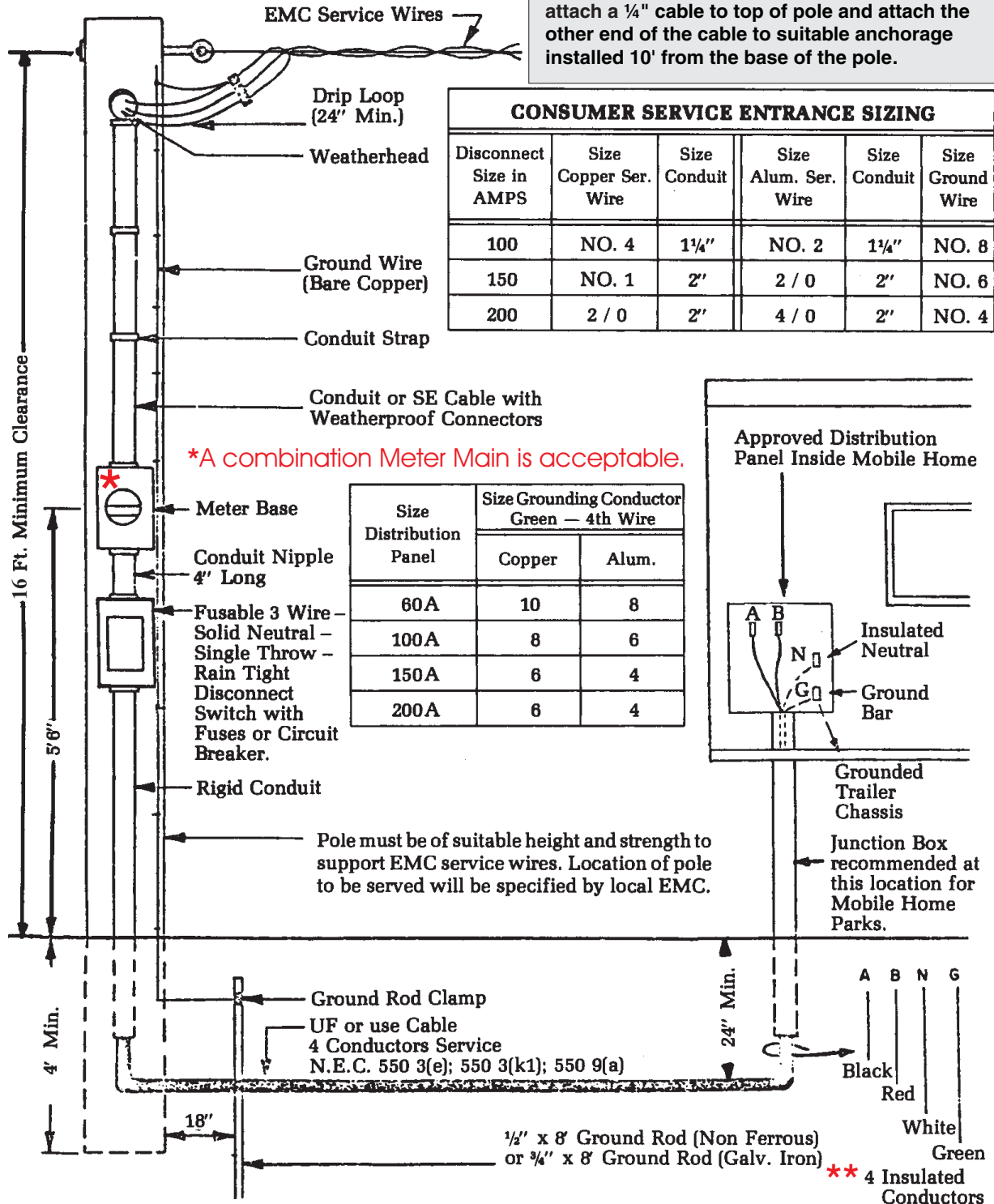
MOBILE HOME METER POLE EMC DIAGRAM 5.

Updated: 17.0711

- NOTE -

1. The National Electrical Code requires an insulated neutral and separate ground for mobile homes.
2. Minimum ground clearance to service attachment is 16'. However, additional clearance is needed for drives, roadways, etc. Refer to Section 3-2 of handbook.
3. The mobile home service equipment shall be located adjacent to the mobile home and not mounted in or on the mobile home. NEC 550-3.

Guy-wire attachment (if required by engineer) - attach a 1/4" cable to top of pole and attach the other end of the cable to suitable anchorage installed 10' from the base of the pole.



CONSUMER SERVICE ENTRANCE SIZING					
Disconnect Size in AMPS	Size Copper Ser. Wire	Size Conduit	Size Alum. Ser. Wire	Size Conduit	Size Ground Wire
100	NO. 4	1 1/4"	NO. 2	1 1/4"	NO. 8
150	NO. 1	2"	2 / 0	2"	NO. 6
200	2 / 0	2"	4 / 0	2"	NO. 4

Size Distribution Panel	Size Grounding Conductor Green - 4th Wire	
	Copper	Alum.
60A	10	8
100A	8	6
150A	6	4
200A	6	4

1/2" x 8' Ground Rod (Non Ferrous)
or 3/4" x 8' Ground Rod (Galv. Iron) ** 4 Insulated Conductors

** All 4 wires must be insulated individually.