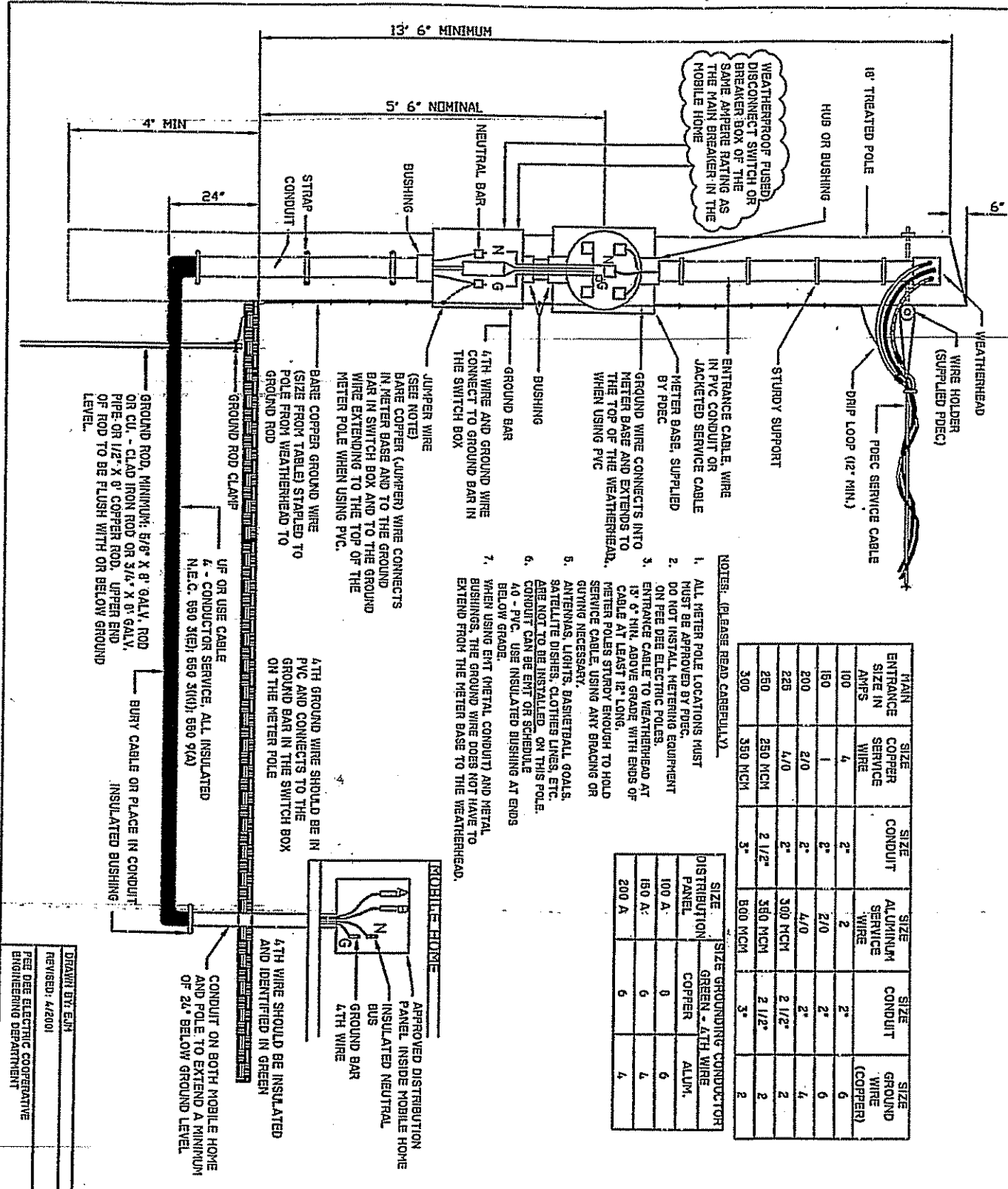


# PEE DEE ELECTRIC COOPERATIVE

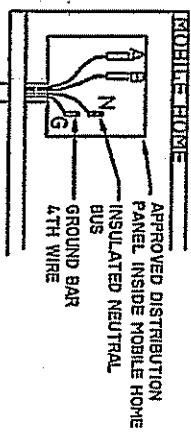
PERMANENT METER POLE  
O.H.M.H.



- NOTES: (PLEASE READ CAREFULLY)
1. ALL METER POLE LOCATIONS MUST BE APPROVED BY PDEC. DO NOT INSTALL METERING EQUIPMENT ON PEE DEE ELECTRIC POLES.
  2. ENTRANCE CABLE TO WEATHERHEAD AT 18" MIN. ABOVE GRADE WITH ENDS OF CABLE AT LEAST 12" LONG. METER POLES STURDY ENOUGH TO HOLD SERVICE CABLE USING ANY BRACING OR GUYING NECESSARY.
  3. ANTENNAS, LIGHTS, BASKETBALL GOALS, SATELLITE DISHES, CLOTHES LINES, ETC. ARE NOT TO BE INSTALLED ON THIS POLE. CONDUIT CAN BE EMT OR SCHEDULE 40 - PVC. USE INSULATED BUSHING AT ENDS BELOW GRADE.
  4. WHEN USING EMT (METAL CONDUIT) AND METAL BUSHINGS, THE GROUND WIRE DOES NOT HAVE TO EXTEND FROM THE METER BASE TO THE WEATHERHEAD.

MAIN ENTRANCE SIZE IN AMPS	SIZE COPPER SERVICE WIRE	SIZE CONDUIT	SIZE ALUMINUM SERVICE WIRE	SIZE CONDUIT	SIZE GROUNDING CONDUCTOR GREEN - 4TH WIRE COPPER	SIZE GROUND WIRE (COPPER)
100	4	2"	2	2"	0	6
150	1	2"	2/0	2"	0	6
200	2/0	2"	4/0	2"	0	4
225	4/0	2"	300 MCM	2 1/2"	0	2
250	250 MCM	2 1/2"	350 MCM	2 1/2"	0	2
300	350 MCM	3"	500 MCM	3"	0	2

SIZE DISTRIBUTION PANEL	SIZE GROUNDING CONDUCTOR GREEN - 4TH WIRE COPPER	SIZE GROUND WIRE ALUM.
100 A	0	6
150 A	0	4
200 A	0	4



GROUND ROD, MINIMUM: 5/8" X 8' GALV. ROD OR CU. - CLAD IRON ROD OR 3/4" X 8' GALV. PIPE OR 1/2" X 8' COPPER ROD. UPPER END OF ROD TO BE FLUSH WITH OR BELOW GROUND LEVEL.

UP OR USE CABLE 4 - CONDUCTOR SERVICE, ALL INSULATED N.E.C. 880 3(K)(1), 880 9(A)

BURY CABLE OR PLACE IN CONDUIT INSULATED BUSHING

CONDUIT ON BOTH MOBILE HOME AND POLE TO EXTEND A MINIMUM OF 24" BELOW GROUND LEVEL

DRAWN BY: EJM  
REVISED: 4/2001  
PEE DEE ELECTRIC COOPERATIVE  
ENGINEERING DEPARTMENT