



Lafayette County Building Department
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CONDUCTOR SIZES AND TYPES

120/240-VOLT, 3-WIRE, SINGLE PHASE DWELLING SERVICES AND FEEDERS.

COPPER	ALUMINUM OR COPPER-CLAD AL	SERVICE OR FEEDER RATING (AMPS)
4	2	100
2	1/0	125
1	2/0	150
2/0	4/0	200
4/0	300	250
250	350	300
400	600	400

Conductor types RHH, RHW, RHW-2, THHN, THHW, THW, THW-2, THWN, THWN-2, XHHW, XHHW-2, SE, USE, AND USE-2.

MOBILE HOMES

Suwannee Valley Electric

1. Eighteen (18) ft. pole is required
2. Power pole - three (3) feet minimum from Mobile Home-maximum thirty (30) feet without installing second disconnect at Mobile Home
3. Wiring under Mobile Home must be in conduit & either on ground or strapped to bottom of Mobile Home
4. Double grounding rods required a minimum of six (6) feet apart and connected together
5. Agriculture poles:
 - Twenty-five (25) feet in length - five (5) feet buried
 - Sixty (60) amp pole by owner - single phase

Progress Energy

1. Twenty (20) ft. pole required
2. Other requirements same as Suwannee Valley

Grounding:

1. Ground rods must be approved
2. Ground clamps must be approved for direct burial
3. Splicing of conduct not allowed (unless permanent connectors used)
4. Top of ground rod must be at least six (6) inches below surface (uncovered)
5. Wire used for inner connection shall be buried six (6) inches (uncovered)