Load Calculation

1935 Langdon Rd Angier NC, 27501

System: 120/240V
Square Feet: 2355
com.intineo.android.myutilities.IntegerRangeEditText{b9c25e4 VFED..CL. ......ID 725,107-909,238 #7f0e02e9 app:id/etSmallAppl} Small Appliance Circuit(s)
com.intineo.android.myutilities.IntegerRangeEditText{19ee577 VFED..CL. ......ID 909,94-1080,225 #7f0e02e8 app:id/etLaundry} Laundry Circuit(s)
Range: 9000 VA (Line-Neutral)
Dryer: 5000 VA
COOKING APPLIANCES:
Range: 9200 VA

OPTIONAL CALCULATION:
Demand Load: 19906 VA
Minimum Current: 83 Amps
Standard or Minimum Breaker (240.6): 100 Amps
Copper Service Conductor (T310.15(B)(6/7)): 4 AWG
Aluminum Service Conductor (T310.15(B)(6/7)): 2 AWG
Copper GEC-Service (250.66): 8 AWG
Aluminum GEC-Service (250.66): 6 AWG
Neutral Load (220.61): 24098 VA
Neutral Current: 100 Amps
Copper Neutral Conductor (T310.15(B)(6/7)): 4 AWG
Aluminum Neutral Conductor (T310.15(B)(6/7)): 2 AWG
Copper EGC-Feeder (250.122): 8 AWG
Aluminum EGC=Feeder (250.122): 6 AWG
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Optional Calculation Details-BETA:

General Load (Lights, SABCs, Laundry, Appliances, Ranges, Dryers, Water Heaters, other Motors) Total: 34765 VA
General Load Net: + 19906 VA+
General Neutral Net: ->24098 VA<-

Total Load: 19906 VA / 240 = 83 Amps

HVAC Loads are load managed