



City of Irvine - Single Family Electrical Calculation Sheet

Tract _____ Floor Plan _____ Address _____

Submit Additional Sheet for All Combinations of Options _____

General Lighting Load Square Footage _____ X 3 VA _____

SA Circuits 1500 VA X _____ circuits _____

Laundry 1500 VA X _____ circuit(s) _____

Appliances and Equipment - Use default values in italics or attach cut sheet

Microwave (in dedicated space) 1,300 _____

Compactor 1,000 _____

Dishwasher 1,200 _____

Disposal 800 _____

Subtotal(A) _____

Subtotal(A) minus 10,000 VA _____ X 0.40 = _____

plus 10,000

Subtotal(B) _____

Cut sheet required for A/C and Heat

Total A/C Load _____

Total Heat Load _____

Use largest of A/C or Heat Subtotal (C) _____

(B)+(C) _____ ÷ 240V = _____ amps Select _____ amp service

General Purpose Branch Circuits - Use VA from General Lighting Load above

General Lighting Load _____ ÷ 120volts= _____ amps

General Purpose Branch Circuit Breaker Ratings must equal or exceed the above

Attachments Checklist

Energy Form CF-6R-LTG-01 Three Pages - REQUIRED

(Additional Signed copy due at end of job)

Attach copies of layout sheet with devices and circuits

Attach cut sheets for appliances, equipment and A/C

Print Out from Appliance Database

(if using High Efficacy LED Luminaires)

Attach extra sheet for additional appliances

YES

NO

