COMMUNITY DEVELOPMENT
Building and Safety

Print Form

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*	
SOLAR		
EV CHARGER		

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) _____ **÷ 240 V =** _____ **AMPS** **SELECT** _____ **AMP SERVICE**

USE VA FROM **GENERAL LIGHTING LOAD** ABOVE FOR GENERAL PURPOSE BRANCH CIRCUITS.

GENERAL LIGHTING LOAD _____ ÷ 120 V = _____ AMPS

GENERAL PURPOSE BRANCH CIRCUIT BREAKER RATINGS MUST EQUAL OR EXCEED THE ABOVE

SINGLE FAMILY ELECTRICAL CALCULATION SHEET

PANEL DIRECTORY - USE SEPARATE SHEET FOR SUB-PANELS
INDICATE HANDLE TIES OR TWO POLE BREAKERS IN APPROPRIATE COLUMN
BOLD LINES INDICATE FULL SIZE BREAKERS - THINNER LINES INDICATE TWINS
FOR SINGLE COLUMN PANELS START ON LEFT SIDE AND CONTINUE ON RIGHT SIDE AS NEEDED

#	INDICATE TIE	DESCRIPTION	AMP	GFCI/AFCI	GFCI/AFCI	AMP	DESCRIPTION	INDICATE TIE	#