

CITY OF BULLHEAD CITY RESIDENTIAL ELECTRICAL LOAD CALCULATION (ADDITIONS TO MOBILE HOMES)

PROPOSED OR EXISTING PANEL SIZE
(must equal or exceed total panel load)

_____ AMPS

SITE BUILT STRUCTURES:

- 3 volt-amperes X total square footage of floor area for general lighting and convenience receptacles (living area only). _____

- 1,500 volt-amperes X total number of 20 ampere rated small appliance and laundry circuits (minimum of two). _____

- The nameplate volt-ampere rating of all fastened in place permanently connected or dedicated circuit supplied appliances such as:
 - Range(s) _____
 - Microwave _____
 - Oven(s) _____
 - Cooking Units _____
 - Clothes Dryers _____
 - Water Heaters _____
 - Garbage Disposal _____
 - Trash Compactor _____
 - Dish Washer _____
 - Jetted Tubs _____
 - Hot Tubs _____
 - Garage Door Openers _____
 - _____
 - _____

SUB TOTAL _____

- 100% of the first 10,000 volt-amperes plus 40 % of any portion of the sum in excess of 10,000 volt-amperes. _____

PLUS the largest of the following

- The nameplate volt-ampere rating of all AC units or nameplate volt-ampere rating of all heating equipment (which ever is greater). _____

TOTAL VOLT-AMPERES _____ $\div 240 =$ **TOTAL AMPS** _____
(VOLT-AMPERES = WATTS)

PLUS

MANUFACTURED HOME / PARK TRAILER (if applicable):

- Nameplate rating in AMPS. _____

TOTAL PANEL LOAD _____

Prepared By _____ Date _____

Address _____ Permit Number _____