# LOAD CALCULATION FORM
for Duplexes

To be completed by the Electrical Contractor before an Electrical Permit can be issued

**Project Address:** __________________________________________

**Electrical Permit #:** ______________________________________

**Electrical Contractor:** _____________________________________

**Building Permit #:** ________________________________________

**Type of Service (Tick one)**
- Overhead: __________________________________________________
- Underground: ________________________________________________

**Size of Service (Amps, Voltage and Phase)**
- Amps: _______________________________________________________
- Voltage: ___________________________________________________
- Phase: ______________________________________________________

**Number of Meters, Amps and Phase**
- Number: ____________________________________________________
- Amps: _____________________________________________________
- Phase: _____________________________________________________

**Primary Dwelling Unit #1**

**Unit Size**
- 3500 watts for the first 45m²
- 1500 watts for the second 45 m² or portion thereof
- 1000 watts for each 90 m² or portion thereof in excess of 90 m²
- Any electric range (CEC 8-200(a)(iv))
- Air conditioning (CEC 8-200(a)(iii))
- Please list any additional loads (CEC 8-200(a)(vii))

**Subtotal Watts** __________ W

**Primary Dwelling Unit #2**

**Unit Size**
- 3500 watts for the first 45m²
- 1500 watts for the second 45 m² or portion thereof
- 1000 watts for each 90 m² or portion thereof in excess of 90 m²
- Any electric range (CEC 8-200(a)(iv))
- Air conditioning (CEC 8-200(a)(iii))
- Please list any additional loads (CEC 8-200(a)(vii))

**Subtotal Watts** __________ W

**100% of the calculated load in the unit having the heaviest load** __________ W

**65% of the sum of the calculated load of the next unit** __________ W

**Electric space heating loads (as permitted in CEC Section 62)** __________ W

**First 10000 Watts at 100% of electric base board heat (CEC Section 62)** __________ W

**The balance of the connected heating load at 75% (CEC Section 62)** __________ W

**Subtotal Watts** __________ W

**Total Watts** __________ W

**NOTE:**

For buildings where the unit is 80m² or more:
- a) 100 amps is the minimum allowed ampacity used in the calculation.
- b) If the calculated loads exceeds 100 A, the calculated load must be used.

For buildings where units are less than 80m²:
- a) 60 amps is the minimum allowed ampacity used in the calculation.
- b) If the calculated loads exceeds 60 A, the calculated load must be used.