

PERMIT # _____

COMMERCIAL ELECTRICAL PERMIT APPLICATION

SECTION 1357



CITY OF WESTLAKE
BUILDING DEPARTMENT
27700 HILLIARD BLVD.
WESTLAKE, OHIO 44145
PHONE (440) 617-4105
FAX (440) 617-4144

BUILDING APPROVAL: _____

DATE APPROVED: _____

ELECTRICAL PERMIT COST:

Base Fee \$ 100.00

DEVICE COUNT FOR EXISTING _____ \$ _____ OR

COST BASED ON PER SQUARE FOOT \$ _____

New Shell Multi. Tenant & Each Tenant 0.0225

New or Addn. to Shell Single Tenant 0.045

3 % B.B.S FEE \$ _____

TOTAL PERMIT COST: \$ _____

Print ALL information in ink. Applicant to complete all parts. Incomplete applications will delay permit processing. The Westlake Building Department does not enforce deed restrictions, covenants, or subdivision regulations.

PROPERTY/OWNER INFORMATION (REQUIRED INFORMATION)

PROPERTY OWNER: _____

ADDRESS: _____

PHONE: _____

PROJECT NAME: _____

JOB ADDRESS: _____ UNIT # _____

APPLICATION DATE: _____

CONTRACTOR INFORMATION

COMPANY NAME: _____

REGISTRATION NUMBER: _____

CONTACT PERSON: _____

CONTACT PHONE: _____

CELL PHONE: _____

NOTICE TO CONTRACTORS:

FAILURE TO CALL FOR INSPECTIONS MAY RESULT
IN LOSS OF REGISTRATION.

Existing Building? _____ Existing Service Size _____ Ampacity of New Load _____ Is New Service Required? _____

Describe work to be performed, i.e., Panel change, adding lighting or receptacles (Qty.) _____

FOR COMMERCIAL WIRING WITHOUT APPROVED ELECTRICAL PLANS CONTINUE WITH CALCULATIONS

LIGHTING LOADS 220.12

(1) General Lighting Load _____ Square foot X _____ va = _____ va

(2) General Lighting Demand Table 220-42 _____

(3) Outside lighting loads 220-14 F ; Quantity _____ X _____ va = _____ va X _____ % = _____ va

(4) Sign Lighting Loads 220-14 F, FPN; 600-5 A .Quantity _____ X _____ va = _____ va X _____ % = _____ va

(5) ADD LINE 1, 2, 3,4 LIGHTING LOADS = _____ VA

RECEPTACLE LOADS 220-14 L :

(6) Quantity _____ X 180 va = _____ va

(7) Apply Demand Factor- Table 220.44 - Subtract 10,000 va From Line 5 = _____ va

(8) Total From Line 6 _____ va X 50 % _____ va

(9) ADD LINE 7 _____ + 10,000 va = _____ VA

HEATING / AIR CONDITIONING LOADS 220-18 A

(10) Quantity _____, Combine All units in VA _____ X 100% = _____ va

MOTOR LOADS 220-14 C

(11) _____ = _____ Amps X _____ % X _____ Volts X 1.73 = _____ va

(12) ADD LINES 5, 9, 10, 11 _____ X 125% = _____ TOTAL VA (PHASES)

FOR SINGLE PHASE:

Convert TOTAL VA to AMPERES: TOTAL VA (LINE 12)

(13) _____ Volt TOTAL LOAD IN AMPERES = * _____ AMPS

FOR THREE PHASE:

Convert TOTAL VA to AMPERES: TOTAL VA (LINE 12)

(14) _____ Volt X 1.73 TOTAL LOAD IN AMPERES = * _____ AMPS

* IF OVER 200 Amps: Take the First 200 Amps X 100% = 200 Amps

(15) Subtract 200 AMPS From Line 13 or 14 = _____ X 70 % = _____

(16) First 200 AMPS PLUS LINE 15 = _____ TOTAL AMPS

PHASE CONDUCTOR SIZE & TYPE _____ NEUTRAL CONDUCTOR SIZE _____ SERVICE SIZE _____

(SIGN) _____ DATE _____