

PERMIT # _____

RESIDENTIAL ELECTRICAL PERMIT APPLICATION

SECTION 1305



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

OFFICE USE ONLY

BUILDING APPROVAL: _____

DATE APPROVED: _____

PERMIT ISSUED BY: _____

DATE ISSUED: _____

ELECTRICAL PERMIT COST:

Base Fee \$ 25.00

NEW CONSTRUCTION ADD:

\$0.45 PER SQUARE FOOT:

SQ. FTG _____ \$ _____

EXISTING STRUCTURES ADD:

\$ 1.00 PER DEVICES: \$ _____

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)

NAME: _____

ADDRESS: _____

PHONE: _____

ALTERNATE PHONE: _____

JOB ADDRESS: _____

CONTRACTOR INFORMATION

Not required if owner is performing ALL work

COMPANY NAME: _____

REGISTRATION NUMBER: _____

CONTACT PERSON: _____

CONTACT PHONE: _____

ALTERNATE PHONE: _____

COMPLETE THIS BOX FOR EXISTING HOMES ONLY, MINOR ADDITIONS & OLD WORK

Existing Home _____ Existing Service Size _____ Ampacity of New Load _____ New Service Required _____

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

NOTE: FOR SERVICE CHANGES, EXPANSION FITTINGS ARE NOT PERMITTED; "S" LOOP IS REQUIRED BURIED IN SAND. NO ALUMINUM WIRE PERMITTED PAST ELECTRICAL METER.

FOR NEW HOMES "ONLY" CONTINUE WITH CALCULATIONS

(1) General Lighting Load (Table 220-3 b) _____ Square foot X 3 va = _____ va

(2) Small Appliance Load (Table 220-16 a) _____ Circuits X 1,500 va = _____ va

(3) Laundry Load (Table 220-16 b) _____ Circuits X 1,500 va = _____ va

(4) ADD LINE 1, 2, 3 LIGHTING, SMALL APPLIANCE AND LAUNDRY LOADS = _____ va

(5) First 3,000 va X 100% = 3,000 va

(6) SUBTRACT 3,000 from LINE 4 = _____ Remaining va X 35% = _____ va

(7) ADD LINES 5 & 6 TOTAL LIGHTING, APPLIANCE AND LAUNDRY LOADS = _____ va

LARGE APPLIANCE LOADS:

QTY

(8) ELECTRIC RANGE (TABLE 220-19) _____ X _____ VA X 80 % = _____ VA

(9) ELECTRIC DRYER (TABLE 220-18) _____ X _____ VA X 100 % = _____ VA

(10) ELECTRIC HOT WATER HEATER _____ X _____ VA X 75 % = _____ VA

(11) DISHWASHER _____ X _____ VA X 75 % = _____ VA

(12) DISPOSAL _____ X _____ VA X 75 % = _____ VA

(13) ELECTRIC HEATING UNIT (ARTICLE 220-21) _____ X _____ VA X 100 % = _____ VA

(14) AIR CONDITIONING UNIT (ARTICLE 220-21) _____ X _____ VA X 100 % = _____ VA

(15) HEAT PUMP _____ X _____ VA X 100 % = _____ VA

(16) GAS FURNACE MOTOR _____ X _____ VA X _____ % = _____ VA

(17) OTHER LARGE APPLIANCES _____ X _____ VA X _____ % = _____ VA

(18) OTHER LARGE APPLIANCES _____ X _____ VA X _____ % = _____ VA

(19) SUMP PUMP _____ X _____ VA X 100 % = _____ VA

(20) ADD LINES 8 - 19 TOTAL LARGE APPLIANCE LOADS = _____ va

(21) ADD LINES 7 & 20 FOR TOTAL COMBINED LOADS = _____ va

Convert TOTAL VA to AMPERES:

TOTAL VA (LINE 21)

(22) 240 Volt TOTAL LOAD IN AMPARES = * _____ AMPS

IF OVER 200 Amps: Take the First 200 Amps (FROM LINE 22) X 100% = 200 Amps

(23) Subtract 200 AMPS from LINE 22 = _____ X 70 % = _____

(24) First 200 AMPS PLUS LINE 23 = _____ TOTAL AMPS

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

(SIGN) _____ DATE _____

IMPORTANT NOTICE TO HOMEOWNERS: IF YOU OBTAIN THIS PERMIT ON THE BEHALF OF A CONTRACTOR YOU ARE LIABLE FOR ALL WORK INCLUDING ANY VIOLATIONS OR UNCOMPLETED WORK. CONTRACTORS MUST BE CURRENTLY REGISTERED.

IMPORTANT NOTICE TO CONTRACTORS: FAILURE TO CALL FOR INSPECTIONS MAY RESULT IN LOSS OF REGISTRATION.