

City of Cerritos Department of Community Development Civic Center • 18125 Bloomfield Avenue P.O. Box 3130 • Cerritos, California 90703-3130 Phone: (562) 916-1201 • Fax: (562) 916-1371 www.cerritosgis.com • <u>www.cerritos.us</u>

# **COMMERCIAL/INDUSTRIAL SOLAR ENERGY SYSTEM APPLICATION**

Submittal requirements for Commercial/Industrial Solar Energy System Application are listed below. Please include the following items:

# 1) PLANNING APPLICATION: Commercial/Industrial Solar Energy System Application

Complete all sections (incomplete applications will delay processing time)

- ☐ Include all required plans/drawings/calculations listed in the application
- □ Property owner's signature required

If you have any questions, please call the Planning Division at (562) 916-1201.

# 2) BUILDING PERMIT APPLICATION

- Complete all sections (incomplete applications will delay processing time)
- Complete Declaration Form
  - ☐ If owner-builder, complete columns 1 and 3
  - ☐ If contractor, complete columns 2 and 3

If you have any questions, please call the Building & Safety Division at (562) 916-1209.

Submit forms together, with all required plans/drawings, at <a href="https://cerritosca.seamlessdocs.com/f/Application\_Plan\_Submittal\_Form">https://cerritosca.seamlessdocs.com/f/Application\_Plan\_Submittal\_Form</a>

For more detailed information regarding the process for online submittal, please read the *Planning/Building Interim Electronic Submittal Procedure* at http://www.cerritos.us/BUSINESSES/\_pdfs/interim\_electronic\_submittal\_procedure.pdf

# **3) BUSINESS LICENSE REQUIREMENT**

If you are a contractor, you <u>must</u> have a valid City of Cerritos business license. Please call the Business License Division at (562) 916-1236 to confirm active status or apply at **http://www.cerritos.us/BUSINESSES/business\_licenses.php** 

For more detailed information regarding the process for online submittal, please read the *Business License Interim Electronic Submittal Procedure* at http://www.cerritos.us/BUSINESSES/\_pdfs/interim\_business\_license\_procedure.pdf The page is intentionally left blank.



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# COMMERCIAL/INDUSTRIAL SOLAR ENERGY SYSTEM APPLICATION

Implementation standards for commercial and industrial solar energy systems are set forth in this application.

1.0 OWNER INFORMATI	ON		
1.1a Property owner name(s):		1.1b Phone number:	
1.2a Business owner name(s):	ent than Property owner listed in Item 1.1a above)	1.2b Phone number: _	
1.3 Property address:			
2.0 SOLAR ENERGY SYS			
2.0 SOLAR ENERGY 515			
2.1 Name of contractor/ entity performing work:		2.2 State license	#:
2.3 City business license #	: 2.4 C	ontact name:	
2.5 Complete the solar ene	ergy system details request	ed below.	
Proposed use for solar energy system:	<ul> <li>Electricity</li> <li>Pool/spa</li> <li>Space Heating</li> </ul>	U Water heater Other (specify):	
Solar energy system manufacturer:	Solar energy system unit name:	Existing roof area:	Size of solar energy system:

## 3.0 REQUIRED PLAN SPECIFICATIONS

Check the boxes below to acknowledge the submittal, with this completed application, of <u>three (3)</u> <u>copies</u> of plans as specified below (including all listed details):

3.1 Site plan (minimum 11" x 17") showing:

- 3.1a: Property address
- 3.1b: North arrow
- 3.1c: Scale
- 3.1d: Roof plan
- 3.1e: Solar panel location, with dimensions from roof edges and panel dimensions
- 3.1f: Dimensioned depiction of all disconnects and other equipment on the roof
- 3.1g: The path of all wiring

Proper	ty
addres	S:

(same as item 1.3 on page 1)

FOR OFFICE USE ONLY A/P# \_\_\_\_\_\_ (Project Reference Number)

sq. ft.

sq. ft.

- 3.1h: Dimensioned depiction and of all conduits, piping, or wiring on the roof, subject to the following guidelines:
  - » Visible conduits, piping, or wiring shall be minimized to the extent feasible.
  - » Generally, wiring shall be routed under the panel into the roof and through the attic or building interior.
  - » For sloping roofs:
    - No conduit, piping, or wiring shall be permitted to extend across the roof more than 5'-0".
    - No conduit, piping, or wiring shall be permitted to extend over a roof ridge.
    - If there is no attic, then panels shall be sited to minimize conduit runs across the roof to the extent feasible, with no conduit runs greater than 5'-0" across the roof.
    - No conduit shall be permitted to wrap around a roof eave; instead, conduits shall be routed through the roof eave to the vertical wall below.
  - » All conduits permitted in the guidelines above shall be painted to match the color of the surface on which they are mounted.
- 3.1i: Location of adjacent buildings
- 3.1j: Location of trees on the subject property
- 3.2 Complete building elevations (minimum 11" x 17") showing:
  - 3.2a: All affected elevation views (minimum 3 out of 4 elevation views) drawn to scale
  - 3.2b: Scale
  - 3.2c: Dimensioned profile of the solar panels
    - » For flat roofs:
      - Generally, solar panels shall be wholly screened behind and below the height of the building parapet.
      - If there is no existing parapet or if the solar panels are visible from a public street, architecturally compatible screening shall be added to the design.
    - » For sloping roofs:
      - Generally, panel installations shall have a low-profile, flush-mounted design.
      - The smallest gap feasible is encouraged between the solar panel and the roof material, and said gap shall be a maximum of 6".
      - Generally, the portion of the roof under the solar panels shall not be changed to a different material than the remainder of the roof. Include a depiction and clear written indication that the roof material shall remain consistent across the entire roof.
      - If a different roof material is needed under the solar panels, it shall not be visible. Provide documentation explaining why the different roof material is needed and apply for a separate re-roof permit. The property owner will be required to record a covenant requiring the restoration of said roof material to its original style and color if the solar panel is ever removed in the future.
      - Include a depiction and clear written indication that portions of the mounting hardware that are visible shall be painted to match the adjoining equipment (specify the color). Unpainted or reflective metal shall be prohibited.

Property address:

(same as item 1.3 on page 1)

FOR OFFICE USE ONLY A/P# \_\_\_\_\_ (Project Reference Number)

- 3.2d: Dimensioned depiction of all electrical panels, meters, and other equipment associated with the solar energy system, subject to the following guidelines:
  - » Generally, electrical panels, meters, and other equipment shall be painted to match the color of the surface on which they are mounted.
  - » If any equipment cannot be painted:
    - o Provide documentation explaining why it cannot be painted, and
    - Indicate the actual color in which it will be installed.
- 3.2e: Dimensioned depiction of all conduits, piping, or wiring on exterior walls, subject to the following guidelines:
  - » Vertical conduit runs shall be sited and located in such a manner to minimize visibility from public streets and, if feasible, from adjacent properties, along an architectural projection, along a rain gutter, or at the intersection of two building planes. To the maximum extent feasible, conduits shall not run vertically across the middle of a flat stucco plane, but rather at the plane edges or at prominent architectural transition areas. If no such architectural transition areas exist, the conduit shall be run across the shortest vertical distance.
  - » Horizontal conduits that connect the vertical conduit to electrical panels shall run along the base of the building above the weep screed or, if infeasible, as low as possible below the height of any perimeter screen walls.
  - » All conduits shall be painted to match the exterior walls on which they are mounted.
- 3.3 Solar panel installation details showing:
  - 3.3a: Manufacturer's specifications
  - 3.3b: Panels, pins/posts, mounting hardware, and electrical connections drawn to scale
  - 3.3c: Dimensioned depiction of the panel mounting
  - 3.3d: Roof materials and connections
    - » See item 3.2c above for detailed requirements for flat roofs and sloping roofs.
- 3.4 Equipment floor plan (minimum 11" x 17") showing:
  - 3.4a: Dimensions and location of any associated equipment to be installed on the property, drawn to scale
  - 3.4b: Label the room(s) or space where the equipment is installed
  - 3.4c: Equipment mounted on the face of exterior walls of the building shall be no higher than 6'-0" from the finish grade and shall be painted to match the exterior wall color.
    - If any equipment cannot be painted:
      - Provide documentation explaining why it cannot be painted, and
      - Indicate the actual color in which it will be installed.
- 3.5 Aerial photograph of the existing building and property
  - 3.5a: Photograph image must be minimum 5" x 7", but may be printed directly on the minimum 11" x 17" sheet.
- 3.6 Current photographs of the affected roof areas and walls
  - 3.6a: Photograph images must be minimum 5" x 7", but may be printed directly on the minimum 11" x 17" sheet.
- 3.7 Completed standard electrical diagram for small-scale, single-phase PV systems:
  - 3.7a: Two (2) pages, attached to this application
  - 3.7b: If the system is larger in scale, provided separate electrical drawings.

Property		FOR OFFICE	
address:		USE ONLY	A/P#
	(same as item 1.3 on page 1)		(Project Reference Number)

## 4.0 BUILDING AND SAFETY APPLICATIONS

A Building/Plumbing/Electrical/Mechanical Permit Application from the Cerritos Building and Safety Division will also be required together with this Commercial/Industrial Solar Energy System Application. This application is available for download from the City of Cerritos website at www.cerritos.us under BUSINESSES » Planning and Building Permits » Building and Safety Permit Applications and Information.

## 5.0 ACKNOWLEDGEMENT

By signing below, I acknowledge an understanding of the following declarations:

- 5.1 <u>Review of Requirements</u>. I declare, under penalty of making a false statement, that I have read and understand the statements and requirements of this application.
- 5.2 <u>Conditions of Approval</u>. I understand and will comply with the following conditions of approval, and I understand that <u>the solar energy system will not receive a final approval</u> <u>until all of the said requirements and conditions have been completed</u>:
  - 5.2a: The requirements of Section 3 of this application are hereby incorporated as conditions of approval, unless expressly and individually waived in writing by the City of Cerritos.
  - 5.2b: The solar energy system shall conform to the provisions and requirements of the County of Los Angeles Building, Electrical, Mechanical, and Plumbing Codes.
- 5.3 <u>Construction</u>. Hours and days of construction are limited to the following:
  - Monday to Friday: 7am to 6pm
  - Saturday: 10am to 5pm
  - Sunday/City-Observed Holiday: No Work
- 5.4 Permit and Plan Adherence.
  - 5.4a: No work of any type shall take place unless all required permits are issued.
  - 5.4b: The undersigned warrant that the plans submitted for review in connection with this application are complete and accurate. Approval of the submitted plans is subject to the applicant having submitted accurate dimensions and information. If, during construction, it is found that the approved plans did not have accurate dimensions and/or information, the City of Cerritos may require the work to cease until revised, accurate plans are submitted to the Department of Community Development for review in accordance with the requirements set forth herein.
  - 5.4c: All improvements shall be constructed in accordance with the approved plans. If, during construction, modifications or deviations from the approved plans are deemed necessary, any and all such modifications shall be submitted in the form of revised plans to the Department of Community Development for review in accordance with the requirements set forth herein. No modification or deviation shall proceed without prior written approval by the Department of Community Development. If these requirements are violated, the City of Cerritos may require the work to be completely removed and reconstructed in accordance with the approved plans.
- 5.5 <u>Penalties for Violation</u>. A violation of the statements and requirements of the Municipal Code may constitute an infraction punishable pursuant to Section 1.08.020 of the Cerritos Municipal Code.

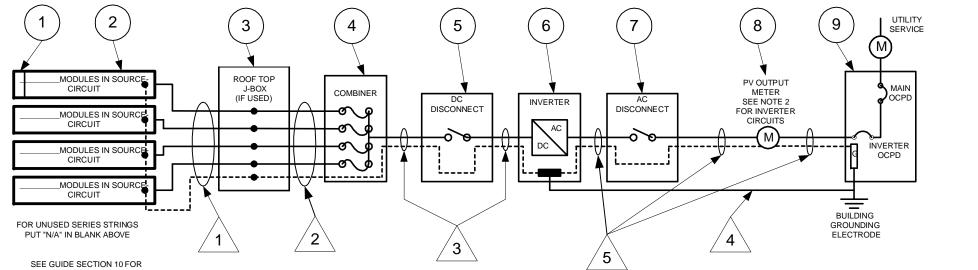
Property		FOR OFFICE	
address:		USE ONLY	A/P#
	(same as item 1.3 on page 1)		(Project Reference Number)

# I acknowledge and understand declarations 5.1 through 5.5 above.

5.6 Property Owner's signature:	Date:
5.7 Business Owner's signature (if different than Property Owner above):	Date:
5.8 Contractor's signature:	Date:
5.9 Property address:	
	(same as item 1.3 on page 1)

FOR OFFICE USE ONLY			
Planner check         Signature of both property owner and contractor are provided, as well as business owner, if applicable         Review aerial photo and submitted photos to check proposal against existing conditions         Project complies with application requirements         Computer permit entry:         Check cases for existing notes         Check for expired permits requiring resolution         Check that a permit is not already entered for this application and property         Computer codes: OVRTHECNTR » SLRENE         Property owner information is current (GIS); if not, request a copy of the grant deed to confirm ownership as a condition of permit issuance         Enter permit data	City of Cerritos Planning Approval         Staff Signature         Date         Issuance of the permit shall not be construed as final approval of this installation. No final shall be issued unless all conditions of approval above have been completed.		
Project Reference Number:			
A/P#			
Sign and date approval area			
Refer to Building and Safety Division for permit			

Ο	EQUIPMENT SCHEDULE				
TAG	DESCRIPTION	PART NUMBER	NOTES		
1	SOLAR PV MODULE				
2	PV ARRAY				
3	J-BOX (IF USED)				
4	COMBINER (IF USED)				
5	DC DISCONNECT				
6	DC/AC INVERTER				
7	AC DISCONNECT(IF USED)				
8	GEN METER (IF USED)				
9	SERVICE PANEL				



INFORMATION ON MODULE AND ARRAY GROUNDING

	STANDARD ELECTRICAL DIAGRAM FOR SMALL-SCALE, SINGLE-PHASE PV SYSTEMS			E-PHASE PV SYSTEMS
	SITE NAME:			
Δ CONDUIT AND CONDUCTOR SCHEDULE	SITE ADDRESS:			
TAG         DESCRIPTION OF CONDUCTOR TYPE         Cond. Guage         # of Conductors         Conduit Type         Conduit Size	SYSTEM AC SIZE:			
1 USE-2 OR PV WIRE(UF, SE, USE) BARE COPPER EQ. GND. COND.(EGC)	CONTRACTOR / ENG. NAME:			
2     THWN-2 OR XHHW-2 (circle on e)       3     THWN-2 OR XHHW-2 (circle on e)	CONTRACTOR / ENG. ADDRESS:			
INSULATED EGC 4 DC GROUNDING ELECTRODE COND.	CONTRACTOR / ENG. LIC # : EXPIRATION DATE:			
5 THWN-2 OR XHHW-2 (circle on e)	DRAWN BY: DATE: DRAWING NO:		DRAWING NO:	

#### **PV MODULE RATINGS**

MODULE N	MAKE			
MODULE	MODEL			
MAX. POW	/ER POINT	CURRENT	(Imp)	
MAX. POW	/ER POINT	VOLTAGE	(Vmp)	
OPEN-CIRCUIT VOLTAGE (Voc)				
SHORT-CI	RCUIT CUR	RENT (Isc)	)	
MAX. SER	IES FUSE (	OCPD)		
MAX.POW	ER (Pmax)			
MAX. VOL	TAGE (TYP	600 V <u>D</u> C)		

### NOTES FOR ALL DRAWINGS

### OCPD=OVERCURRENT PROTECTION DEVICE

NATIONAL ELECTRICAL CODE REFERENCES SHOWN AS (NEC XXX.XX)

### **INVERTER RATINGS**

INVERTER MAKE		
INVERTER MODEL		
MAX. DC VOLT RATI	NG	
MAX POWER @40 C	;	
NOMINAL AC VOLTA	GE	
MAX AC CURRENT		
MAX OCPD		

010110			
SIGN FOR DC DISCONNECT			
PHOTOVOLTAIC POWER SC	DURCE		
RATED MPP CURRENT			
RATED MPP VOLTAGE			
MAX. SYSTEM VOLTAGE			
MAX CIRCUIT CURRENT			
WARNING ELECTRICAL SHOCK			
HAZARD-LINE AND LOAD MAY BE			
ENERGIZED IN OPEN POSITION			
SIGN FOR INVERTER OCPD AND AC DICONNECT (IF USED)			
AC POINT OF CONNECTION			
AC OUTPUT CURRENT			
NOMINAL AC VOLTAGE			

SIGNS

### NOTES FOR INVERTER CIRCUITS

1) IF UTILITY REQUIRES A VISIBLE-BREAK SWITCH, DOES THIS SWITCH MEET THE REQUIREMENT? YES / NO (CIRCLE ONE)

2) IF GENERATION METER REQUIRED, DOES THIS METER SOCKET MEET THE REQUIREMENT? YES / NO (CIRCLE ONE)

3) SIZE PHOTOVOLTAIC POWER SOURCE (DC) CONDUCTOR S BASED ON MAX CURRENT ON 690.53 SIGN OR OCPD RATING AT DISCONNECT (IF SUPPLIED)

4) SIZE INVERTER OUTPUT CIRCUIT (AC) CONDUCTORS ACCORDING TO INVERTER OCPD AMP RATING

5) TOTAL OF \_\_\_\_ INVERTER OCPD(s), ONE FOR EACH INVERTER. DOES TOTAL SUPPLY BREAKERS COMPLY WITH 120% BUSBAR EXCEPTION IN 690.64(B)(2)(a)? YES / NO (CIRCLE ONE)

### NOTES FOR ARRAY CIRCUIT WIRING

1) LOWEST EXPECT AMBIENT TEMPERATURE BASED ON ASHRAE MINIMUM MEAN EXTREME DRY BULB TEMPERATURE FOR ASHRAE LOCATION MOST SIMILAR TO INSTALLATION. LOWEST EXPECTED AMBIENT TEMP 0  $^{\rm O}{\rm C}$ 

2) HIGHEST CONTINUOUS AMBIENT TEMPERATURE BASED ON ASHRAE HIGHEST MONTH 2% DRY BULB TEMPERATURE FOR ASHRAE LOCATION MOST SIMILAR TO INSTALLATION LOCATION. HIGHEST CONTINUOUS TEMPERATURE 34  $^{\circ}\mathrm{C}$ 

3) 2005 ASHRAE FUNDAMENTALS 2% DESIGN TEMPERATURES DO NOT EXCEED 47°C N THE UNITED STATES (PALM SPRINGS, CA IS 44.1°C). FOR LESS THAN 9 CURRENT- CARRYING CONDUCTORS IN ROOF-MOUNTED SUNLIT CONDUIT AT LEAST 1/2" ABOVE ROOF AND USING THE OUTDOOR DESIGN TEMPERATURE OF 47°C OR LESS (ALL OF UNITED STATES),

- a) 12 AWG 90°C CONDUCTORS ARE GENERALLY ACCEPTABLE FOR MODULES WITH Isc OF 7.68 AMPS OR LESS WHEN PROTECTED BY A 12 AMP OR SMALLER FUSE
- b) 10 AWG 90°C CONDUCTORS ARE GENERALLY ACCEPTABLE FOR MODULES WITH Isc OF 9.6 AMPS OR LESS WHEN PROTECTED BY A 15 AMP OR SMALLER FUSE

### STANDARD ELECTRICAL DIAGRAM FOR SMALL-SCALE, SINGLE-PHASE PV SYSTEMS

SITE NAME:			
SITE ADDRESS:			
SYSTEM AC SIZE:			
CONTRACTOR / ENG. NAME:			
CONTRACTOR / ENG. ADDRESS:			
CONTRACTOR / ENG. LIC # : EXPIRATION DATE:			ATE:
DRAWN BY:	DATE:		DRAWING NO:

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					(F	or office use only)	
	City of Cerritos	Department	of Communit	:y	Building Permit #:		
C	18125 Bloomfield Avenue Cerritos, CA 90703	Deve	lopment		Trade Per	mit #:	
SM	(562) 916-1209	Building an	d Safety Division		Parent Per	mit#:	
	Building/Plum	bing/Electrical	/Mechanical F	Permit /	Applicatio	<u>on</u>	
Applicant's	s Name:						
Company I	Name (if applicable):						
Tel. No:		_Email:			Date	2:	
Job Site Ad	ldress:					_Suite:	
Work Desc	ription:						
ls this an o	wner-builder project?						
	I Yes, this is an owner-builder project 1 and 3 of attached Declaration For Is the job site address your primary must contract exclusively with a lic I No, this is <u>not</u> an owner-builder pro	rm. y residence?	l No (If no, an owner-b	ouilder proje	ect is not perm		
	luation:						
-	e (sq.ft.):						
	on Types:						
Type of	f Permit(s) Requested:	□ Building	Plumbing		lectrical	🛛 Mechanica	
Owner,	/Business Name:						
Street Add	dress:						
City:			State:		Zip Code:		
Telephone	e Number:		Email:				
	ctor Name:						

## Type of Pe al Г

Owner/Business Name:					
Street Address:					
City:		State:		Zip Code:	
Telephone Number:		Email:			
Contractor Name:		Company:			
Street Address:					
City:		State:		Zip Code:	
Telephone Number:		Email:			
License No:	Class:		_ Expiration D	Date:	
City Business License No:			Expiration D	Date:	
(Please fill o	out attached Lic	ensed Contractor's	Declaration Fo	orm)	
Architect/Engineer Name: Company:					
Street Address:					
City:		State:		Zip Code:	
Telephone Number:					
License No:	Class:		_ Expiration Da	ate:	

# Building/Plumbing/Electrical/Mechanical Permit Application (continued)

PLUMBING								
Code	Items	Units	Code	Items	Units			
03	Backwater Valves	Valve(s)	45	Water closet/urinal/bidet	Fixture(s)			
05	Backflow prevention device/sprinkler	Device(s)	47	Water heater	W.H.(s)			
07	Bathtubs/showers	Fixture(s)	49	Water treating equipment (filter, softener)	System(s)			
11	Clothes washer (tray/standpipe)	Fixture(s)	51	Low pressure gas sys. (5 outlets or less)	System(s)			
13	Dishwashers	Fixture(s)	52	Fee for additional outlets >5	Outlet(s)			
15	Drinking fountain	Fixture(s)	53	Medium/high pressure gas system	System(s)			
17	Floor drains	Fixture(s)	54	Additional fee for each outlet	Outlet(s)			
19	Floor sinks	Fixture(s)	55	Gas meter (private)	Meter(s)			
21	Hose bibbs	Fixture(s)	56	Gas regulator	Reg(s)			
23	Interceptor (clarifier)	System(s)	60	Drainage/vent piping repair or alter	System(s)			
25	Lavatories/sinks	Fixture(s)	62	Greywater system	System(s)			
26	Miscellaneous fixture	Fixture(s)	63	Water piping replacement branch/fixture	Fixture(s)			
27	Pressure regulator—prv/water	Device(s)	64	Other water piping < 1 1/2 inches	Line(s)			
29	Roof drains	Fixture(s)	65	Other water piping 2-3 inches	Line(s)			
35	Solar water heating system	System(s)	66	Other water piping > 3 inches	Line(s)			
39	Swimming pool trap and receptor	System(s)						
41	Trap primer	System(s)						

# MECHANICAL

Code	Items	Units	Code	Items	Units
02	Refrig compressor < 100 kbtu	Comp(s)	31	Air inlets/outlets (area)	Sq. Ft.
03	Refrig compressor 101–500 kbtu	Comp(s)	32	Appliance vent (other)	Unit(s)
04	Refrig compressor > 500 kbtu	Comp(s)	35	Air handling unit < 2000 cfm	Ahu(s)
08	Furnace/heater <100 kbtu	Unit(s)	36	Air handling unit 2000—10000 cfm	Ahu(s)
09	Furnace/heater 101-500 kbtu	Unit(s)	37	Air handling unit > 10000 cfm	Ahu(s)
10	Furnace/heater > 500 kbtu	Unit(s)	40	Evaporative coolers	Unit(s)
17	Boiler < 100 kbtu	Boiler(s)	41	Ventilation fan (single register)	Fan(s)
18	Boiler 101-500 kbtu	Boiler(s)	42	Ventilation system (other)	System(s)
19	Boiler > 500 kbtu	Boiler(s)	43	Commercial kitchen exhaust hoods	Hood(s)
20	Fireplace/gas log < 100 kbtu	Appl(s)	44	Spray booth	Booth(s)
21	Fireplace/gas log 101-500 kbtu	Appl(s)	45	Product conveying duct system	System(s)
22	Fireplace/gas log > 500 kbtu	Appl(s)	46	Fire dampers	Damper(s)
30	Air inlets/outlets (each)	Unit(s)	47	Alteration of existing duct system	System(s)

# ELECTRICAL

	ELECTRICAL								
Code	Items	Quantity	Code	Item Quantity		Code	Item	Quantity	
B1	Residential new bldgs. Multifamily	Sq. Ft.	Electri	c Signs		Motors	<u>5</u>		
B2	Residential new bldgs. 1 or 2 family	Sq. Ft.	K1	Signs, outline lgt, one ckt	Sign(s)	JX	Motors, <3hp	Mtr(s)	
C1	Swimming pools, new	Pool(s)	К2	Additnl, ckt within the same sign	Sign(s)	JY	Motors, 5hp	Mtr(s)	
C2	Spas, hot tubs,	Pool(s)	Power	Equipment Over 3hp and Less Than 10hp		JZ	Motors, 10hp	Mtr(s)	
C3	Pool alterations, other type pools	Pool(s)	JA	Heat pumps	Appl(s)	JO	Motors, 15hp	Mtr(s)	
D1	Carnival electrical rides or genrtrs	Unit(s)	JB	AC units	Appl(s)	J1	Motors, 20hp	Mtr(s)	
D2	Carnival mech rides, displays w/lgt	Unit(s)	JD	Battery chargers	Appl(s)	J2	Motors, 25hp	Mtr(s)	
D3	Carnival booth lighting	Unit(s)	JE	Electric water heaters	Appl(s)	J3	Motors, 50hp	Mtr(s)	
E1	Temporary service, power pole	Pole(s)	JF	Refrigeration cabinets	Appl(s)	J4	Motors, 100hp	Mtr(s)	
E2	Temporary dist system for const	Unit(s)	JG	Electric cooking equipment	Appl(s)		Power Equipment		
E3	Temp pole for xmas tree lots	Pole(s)	JH	Electric heaters	Appl(s)	J7	Pwr eq w/rating > 10hp to <50hp	Pwr	
F1	Branch circuits, 120v, 15 or 20a	Ckt(s)	JI	Electric generators	Appl(s)	J8	Pwr eq w/rating > 50hp to <100hp	Pwr	
F2	Branch circuits, lighting, 208-277v	Ckt(s)	J6	Other equipment > 3hp—<10hp	Appl(s)	J9	Pwr eq w/rating > 100hp	Pwr	
G1	Outlets-lighting, recept, switch	Outlet(s)	Specia	l Electrical Items		Service	s, Panels, Control Panels, Mcc's		
G2	Lighting fixtures	Lgt Ftx(s)	P2	PC residential photo voltaic<10kw		LA	100a panels, services, mcc's	Pnl(s)	
G3	Pole mounting light fixtures	Pole Fxt(s)	P3	Inverter res photo volt <10kw		LB	200a panels, services, mcc's	Pnl(s)	
G4	Theatrical-type lgt fixtures	Lgt Ftx(s)	P4	PC residential photo volt >10kw<50kw		LC	225a panels, services, mcc's	Pnl(s)	
Reside	ential Appliances Less Than 3hp		P5	Inverter res photo volt >10kw<50kw		LD	400a panels, services, mcc's	Pnl(s)	
HA	Forced air units (FAU)	Appl(s)	V2	<=10kw electric vehicle supply equip	#Units	LE	600a panels, services, mcc's	Pnl(s)	
H1	Electrical ovens	Appl(s)	V3	>10kw electric vehicle supple equip	#Units	LF	800a panels, services, mcc's	Pnl(s)	
H2	Garbage disposals	Appl(s)	V4	Fast electric vehicle supple equip	#Units	LG	1000a panels, services, mcc's	Pnl(s)	
H3	Dishwashers	Appl(s)	Transf	ormers		LH	1200a panels, services, mcc's	Pnl(s)	
H4	Range hoods	Appl(s)	JM	Transformers, <3kva	Xfmr(s)	LI	1600a panels, services, mcc's	Pnl(s)	
H5	Washing machines	Appl(s)	JN	Transformers, 15kva	Xfmr(s)	IJ	2000a panels, services, mcc's	Pnl(s)	
H7	Exhaust fans	Appl(s)	JO	Transformers, 25kva	Xfmr(s)	LL	3000a panels, services, mcc's	Pnl(s)	
H9	Other residential less than 3hp	Appl(s)	JQ	Transformers, 37.5kva	Xfmr(s)	LM	High voltage panels (over 600v)	Pnl(s)	
-	esidential Appliances Less Than 3hp		JR	Transformers, 45kva	Xfmr(s)	LN	Other panels, 0 to 399 amps	Pnl(s)	
1A	Exhaust fans	Appl(s)	JS	Transformers, 50kva	Xfmr(s)	LO	Other panels, 400 to 1000 amps	Pnl(s)	
1B	Electric water heaters	Appl(s)	JT	Transformers, 75kva	Xfmr(s)	LP	Other panels, >1000 amps	Pnl(s)	
1C	Lighted showcases	Appl(s)	JU	Transformers, 112.5kva	Xfmr(s)	W1	Cable trays, busways (length)	Feet	
1D	Electric drinking fountains	Appl(s)	JV	Transformers, 150kva	Xfmr(s)	M1	Misc conduits & conductors	Unit(s)	
1E	Vending machines	Appl(s)	JW	Transformers, 225kva	Xfmr(s)	P1	Haz locations >2000 sf total	Haz	
1F	Laundry machines	Appl(s)				R1	Report review fee, # of equip	Eq	
J5	Other non-res less than 3hp	Appl(s)	1			R2	High voltage report fee, #equip	HV Eq	

JOB ADDRESS

LOCALITY

#### COLUMN 1

#### OWNER-BUILDER DECLARATION

I hereby affirm under penalty of perjury that I am exempt from the Contractors' State License Law for the reason(s) indicated below by the checkmark(s) I have placed next to the applicable item(s) (Section 7031.5, Business and Professions Code): Any city or county that requires a permit to construct, alter, improve, demolish, or repair any structure, prior to its issuance, also requires the applicant for the permit to file a signed statement that he or she is licensed pursuant to the provisions of the Contractors' State License Law (Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code) or that he or she is exempt from licensure and the basis for the alleged exemption. Any violation of Section 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than five hundred dollars (\$500).)

(\_\_\_\_) I, as owner of the property, or my employees with wages as their sole compensation, will do (\_\_\_) all of or (\_\_\_) portions of the work, and the structure is not intended or offered for sale (Section 7044, Business and Professions Code: The Contractors' State License Law does not apply to an owner of property who, through employees' or personal effort, builds or improves the property, provided that the improvements are not intended or offered for sale. If, however, the building or improvement is sold within one year of completion, the Owner-Builder will have the burden of proving that it was not built or improved for the purpose of sale.)

(\_\_) I, as owner of the property, am exclusively contracting with licensed Contractors to construct the project (Section 7044, Business and Professions Code. The Contractor's State License Law does not apply to an owner of property who builds or improves thereon, and who contractors for the projects with a license Contractor pursuant to the Contractors' State License Law.).

(\_\_) I am exempt from licensure under the Contractors' State License Law for the following reason:

By my signature below I acknowledge that, except for my personal residence in which I must have resided for at least one year prior to completion of the improvements covered by this permit, I cannot legally sell a structure that I have built as an owner-builder if it has not been constructed in its entirety by licensed contractors. I understand that a copy of the applicable law, Section 7044 of the Business and Professions Code, is available upon request when this application is submitted or at the following Web site: http://www.leginfo.ca.gov/calaw.html.

Date: \_\_\_\_\_

### COLUMN 2

#### LICENSED CONTRACTOR'S DECLARATION

I hereby affirm under penalty of perjury that I am licensed under provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect.

License Class \_\_\_\_\_ License No. \_\_\_\_\_

Date \_\_\_\_\_ Contractor Signature \_\_\_\_\_

#### WORKERS' COMPENSATION DECLARATION

WARNING: FAILURE TO SECURE WORKER'S COMPENSATION COVERAGE IS UNLAWFUL AND SHALL SUBJECT AN EMPLOYER TO CRIMINAL PENALTIES AND CIVIL FINES UP TO ONE HUNDRED THOUSAND DOLLARS (\$100,000), IN ADDITION TO THE COST OF COMPENSATION, DAMAGES ARE PROVIDED FOR IN SECTION 3706 OF THE LABOR CODE, INTEREST, AND ATTORNEY'S FEES.

I hereby affirm under penalty of perjury one of the following declarations:

\_\_\_\_ I have and will maintain a certificate of consent to self-insure for workers' compensation, issued by the Director of Industrial Relations as provided for by Section 3700 of the Labor Code, for the performance of the work for which this permit is issued.

Policy No.

\_\_\_\_ I have and will maintain workers' compensation insurance, as required by Section 3700 of the Labor Code, for the performance of the work for which this permit is issued. My workers' compensation insurance carrier and policy number are:

Carrier Policy Number Expiration Date

Name of Agent

Phone Number

\_\_\_\_ I certify that, in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the workers' compensation laws of California, and agree that, if I should become subject to the workers' compensation provisions of Section 3700 of the Labor Code, I shall forthwith comply with those provisions

Signature of Applicant

## COLUMN 3

#### HAZARDOUS MATERIAL DECLARATION

Will the applicant or future building occupant handle a hazardous material or a mixture containing a hazardous material equal to or greater than the amount specified on the hazardous material information guide?

Yes 🗌 No 🗌

Will the intended use of the building by the applicant or future building occupant require a permit for construction or modification from the South Coast Air Quality Management District (SCAQMD)? See permitting checklist for guidelines.

Yes 🗌 No 🗌

I have read the hazardous materials information guide and the SCAQMD permitting checklist. I understand my requirements under the Los Angeles County Code Title 2, Chapter 220 Sections 220.100 through 220.140 concerning hazardous material reporting and for obtaining a permit from the SCAQMD.

#### ASBESTOS NOTIFICATION

□ Notification letter sent to SCAQMD or EPA

□ I declare that notification of asbestos removal is not applicable to addressed project.

# DECLARATION REGARDING CONSTRUCTION LENDING AGENCY

I hereby affirm under penalty of perjury that there is a Construction lending agency for the performance of the work for which this permit is issued (Section 3097, Civil Code)

Lender's Name

#### Lender's Address

By my signature below, I certify to each of the following:

I am the property owner or authorized to act on the property owner's behalf.

I have read this application and the information I have provided is correct.

I agree to comply with all applicable city and county ordinances and state laws relating to building construction.

I authorize representatives of this county to enter the aboveidentified property for inspection purposes.