



# E-SUBMITTAL CHECKLIST AND QUESTIONNAIRE

Please save and upload **PDFs** of all required DOCUMENTS and PLANS from the checklist below. All pre-application attachments uploaded to the Online Plan Submission Portal must comply with the E-Plan Submittal Requirements.

- STEP 1:** Select project group: **BUILDING AND GRADING**
- STEP 2:** Select project type: **COMMERCIAL ELECTRIC VEHICLE CHARGING STATIONS (EVCS)**
- STEP 3:** Complete the required documents and questionnaire (if applicable) below.
- STEP 4:** Log in to the [Online Plan Submission Portal](#) and enter your project information to begin the pre-application process.
- STEP 5:** Upload your completed PDF documents.

## ADDITIONAL INFORMATION

- All submissions must comply with the City of Irvine [E-Plan Submittal Requirements](#).
- All commercial projects and most residential projects, with the exception to residential remodels/additions that do not add conditioned space, are required to submit an online [Construction and Demolition Waste Management Plan](#). This must be completed and approved before a permit can be issued.
- Once your pre-application has been processed, you will receive a request for payment of your plan review fees. Please note, your submittal will not be distributed to applicable City departments, nor will your plan review period begin, until payment has been received.
- If you are only looking to receive Advanced Plan Check Fees and do not have plan sheets to upload for review yet, upload this completed E-Submittal Checklist and Questionnaire in PDF as a plan document to the Online Plan Submission Portal. Staff will send you the plan check fees, assuming the plans will be submitted at a later date.

## DOCUMENTS

- [Electronic/Digital Signature Disclosure](#)
- [Building Permit Application](#)
- [Commercial Take-Off Sheet](#) (If applicable)
- [Recycling and Diversion of Construction and Demolition Waste Assessment 2.0](#)
- [OCFA Plan Submittal Criteria](#) (NOTE: Upon review, City staff will email an OCFA SR Form if required)

## PLANS

Provide the following:

- City of Irvine [Tenant Improvement Plan Check Title Sheet](#)
- Site Plan (See [Site Plan Requirements for Accessible EV Charging Stations](#))
- Electrical Plans (See [Electrical Plan Requirements for EV Charging Stations](#))

## QUESTIONNAIRE

1. Does this submittal include any parking lot modifications?  YES  NO (If YES, complete 1a and 1b)
- 1a. How many parking spaces are affected? \_\_\_\_\_
- 1b. Will there be any asphalt removal?  YES  NO If YES, how many sq. ft.? \_\_\_\_\_



COMMUNITY DEVELOPMENT  
Building and Safety

# BUILDING PERMIT APPLICATION

<b>FOR OFFICE USE ONLY</b>	
PLAN CHECK #:	_____
SUBMITTAL DATE:	_____
TARGET DATE:	_____
EXP DATE:	_____

PROJECT ADDRESS		SUITE	GRID NUMBER
TRACT		LOT	UNITS
RESIDENTIAL TRACTS: PRODUCT NAME		PHASE	VILLAGE
PERMIT TYPES APPLIED FOR			
<input type="checkbox"/> RESIDENTIAL BUILDING <input type="checkbox"/> COMMERCIAL BUILDING <input type="checkbox"/> STRUCTURAL <input type="checkbox"/> NON-STRUCTURAL <input type="checkbox"/> PLUMBING <input type="checkbox"/> ELECTRICAL <input type="checkbox"/> MECHANICAL			

APPLICANT INFORMATION			PROJECT INFORMATION			
APPLICANT/COMPANY NAME			DESCRIPTION OF WORK			
ADDRESS	CITY	ZIP				
CONTACT	PHONE					
EMAIL			RELATED GRADING CASE/OTHER RELATED CASES			
OWNER OF THE PROPERTY			DOES THE SCOPE INCLUDE AN ACCESSORY DWELLING UNIT? <input type="checkbox"/> YES <input type="checkbox"/> NO			
ADDRESS			DOES THE PROPOSED USE INCLUDE MEDICAL OR CHIROPRACTIC OFFICES; OR RETAIL OR WAREHOUSE? <input type="checkbox"/> YES <input type="checkbox"/> NO			
ADDRESS	CITY	ZIP	OCCUPANCY GROUP(S)	CONSTRUCTION TYPE		
CONTACT			OCCUPANCY CURRENT	PROPOSED		
PHONE	EXT	FAX	CURRENT USE	PROPOSED USE		
TENANT NAME			VALUATION	NO. OF STORIES	SPRINKLERS	A/C
					<input type="checkbox"/> YES <input type="checkbox"/> NO	<input type="checkbox"/> YES <input type="checkbox"/> NO

**FOR OFFICE USE ONLY: PLAN CHECK FEE SUMMARY**

BUILDING: \_\_\_\_\_ ELECTRICAL: \_\_\_\_\_  
 ENERGY: \_\_\_\_\_ MECHANICAL: \_\_\_\_\_  
 ZONING: \_\_\_\_\_ PLUMBING: \_\_\_\_\_  
 WMPB: \_\_\_\_\_ AUTOMATION: \_\_\_\_\_

**TOTAL PLAN CHECK FEES: \$** \_\_\_\_\_

**RECEIPT #:** \_\_\_\_\_ **CUSTOMER #:** \_\_\_\_\_  
 IFAS#: \_\_\_\_\_ EST INITIALS: \_\_\_\_\_  
 TMPL#: \_\_\_\_\_ SUB INITIALS: \_\_\_\_\_  
 TMPL#: \_\_\_\_\_ TMPL#: \_\_\_\_\_  
 TMPL#: \_\_\_\_\_ WMPB#: \_\_\_\_\_

**BY SIGNING BELOW, I CERTIFY THE ABOVE INFORMATION TO BE TRUE AND CORRECT.**

**EXISTING BUILDINGS**

**CHECK ALL THAT APPLY TO YOUR SCOPE OF WORK**

INT. ALT. \_\_\_\_\_ sq.ft.     DEMOLITION \_\_\_\_\_ sq.ft.  
 EXT. ALT. \_\_\_\_\_ sq.ft.     REPAIR \_\_\_\_\_ sq.ft.  
 ADDITION \_\_\_\_\_ sq.ft.     PARKING LOT \_\_\_\_\_ sq.ft.  
 NO. OF SPACES \_\_\_\_\_

**NEW BUILDINGS ONLY**

**COMMERCIAL: Complete data sheet for multiple buildings.**

TOTAL NUMBER OF BUILDINGS: \_\_\_\_\_  
 TOTAL SQ. FT. OF ALL BUILDINGS: \_\_\_\_\_

**RESIDENTIAL: Complete data sheet for multiple floor plans.**

CHECK ONE:  MODELS     PRODUCTION  
 CHECK ONE:  SFD     DET CONDO  
 CHECK ONE:  ATT CONDO     APT

TOTAL NUMBER OF DWELLING UNITS: \_\_\_\_\_  
 TOTAL SQ. FT. OF DWELLING UNITS: \_\_\_\_\_

APPLICANT SIGNATURE	PRINT APPLICANT NAME	DATE
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# COMMERCIAL TAKE-OFF SHEET

<b>FOR OFFICE USE ONLY</b>	
SUBMITTAL DATE:	_____
PLAN CHECK#:	_____
TEMPLATE#:	_____

PROJECT ADDRESS	SUITE NUMBER

## ELECTRICAL ITEMS

CODE	TYPE OF FIXTURE OR ITEM	QUANTITY	CODE	TYPE OF FIXTURE OR ITEM	QUANTITY
E4	Lighting Fixtures and Switches		E7	Outlets, Receptacles and Irrigation Controllers	
E4.2	Pole Mounted Fixture With Footing		E7.1	Branch Circuits (including breaker and J-boxes)	
E5.7	<b>Motor, Transformer, Heating/Cooling Appliances and Miscellaneous Equipment (KW, HP or KVA):</b> 0-1		E8	New Illuminated Signs	
E5.7		2-10	E9.3	Temporary Power Poles	
E5.7		11-50	E9.4	Distribution Poles	
E5.7		51-100	E8.2	Time Clock	
E5.7		101-500	E15	Busway/Cable Tray (Amp/Feet)	
E5.7		Over 500	E20	<b>Switchboard/Panelboard:</b> 0-400 Amps	
E6.5	<b>Service/Meter:</b> 0-400 Amps		E20	401-1200 Amps	
E6.5		401-1200 Amps	E20	Over 1200 Amps	
E6.5		Over 1200 Amps	E19	Switchboard Over 600 Volts	
E6.5		Substation Over 600 Volts	E33	Solar System (KW)	

## LOW VOLTAGE:

This submittal is solely for the installation, alteration, or repair of low voltage electrical circuits (operating at less than 50 volts) **AND DOES NOT** penetrate a fire-resistance rated assembly or serve equipment restricting free passage through egress doors (does not require plan review).



# COMMERCIAL TAKE-OFF SHEET

<b>FOR OFFICE USE ONLY</b>	
SUBMITTAL DATE:	_____
PLAN CHECK#:	_____
TEMPLATE#:	_____

PROJECT ADDRESS	SUITE NUMBER

## PLUMBING ITEMS

CODE	TYPE OF FIXTURE OR ITEM	QUANTITY	CODE	TYPE OF FIXTURE OR ITEM	QUANTITY
P2	<b>Plumbing Fixtures:</b> Water Closet		P15	<b>Storm Drainage:</b> Rainwater Drain	
P2	Urinal		P15	Subsurface Drainage System	
P2	Shower, Per Head		P15	Sump Pump	
P2	Bathtub or Combo Bathtub/Shower		P16	Interceptor/Clarifier/Separator	
P2	Kitchen Sink		P17	Repair/Alter to Water Piping	
P2	Lavatory or Other Sink		P18	Repair/Alter to Sewer or Waste/Vent Piping	
P2	Drinking Fountain		P20	Lawn Sprinkler System Connection	
P2	Hose Bibb		P21	<b>Water System:</b> Booster Pump	
P2	Floor Drain		P21	Backflow Device	
P2	Floor Sink		P21	Pressure Regulating Valve	
P2	Trap Primer		P21	Other Water Using Device	
P2	Other: (Specify)		P21	<b>Sewer and Waste:</b> Building Drain	
P3	Dishwasher		P21	Sewage Ejector	
P3	Clothes Washer		P21	Backwater Valve	
P4	Garbage Disposal		P21	Manhole	
P5	Building Sewer Connection		P6	Cesspool/Holding Tank	
P12	Water Heater and/or Vent		P7	Private Sewage Disposal System	
P12	Thermal Expansion Tank		P26	Yard Potable Water Dist. (Linear Feet)	
P33	Solar Water Heating		P26	Yard Recycled Water Dist. (Linear Feet)	
P13	<b>Fuel Gas:</b> Gas Outlets		P27	Yard Gas Dist. (Linear Feet)	
P31	Gas Pressure Regulator		P28	Yard Sewer (Linear Feet)	



# COMMERCIAL TAKE-OFF SHEET

<b>FOR OFFICE USE ONLY</b>	
SUBMITTAL DATE:	_____
PLAN CHECK#:	_____
TEMPLATE#:	_____

PROJECT ADDRESS	SUITE NUMBER

## MECHANICAL ITEMS

CODE	TYPE OF FIXTURE OR ITEM	QUANTITY	CODE	TYPE OF FIXTURE OR ITEM	QUANTITY
M2a	<b>Furnaces:</b> Up to 100,000 BTU/h		M8	Each Register/Outlet/Grill	
M2a	Over 100,000-500,000 BTU/h		M8	Repair/Alter Ducts	
M2a	Over 500,000-1,000,000 BTU/h		M10	Install/Relocate Cooling Coil	
M2a	Over 1,000,000-2,000,000 BTU/h		M11	Install/Relocate Reheat Coil	
M2a	Over 2,000,000 BTU/h		M12	Install/Relocate Electric Strip Heater	
M3	Evaporative Cooler		M14	Incidental Gas Piping	
	<b>Environmental Vent System:</b>		M15	Install/Relocate Suspended Wall/Unit Heater	
M4	Environmental Vent Systems		M16	<b>Heating Appliance:</b> Fireplace	
M4.1	Non-HVAC Vent Systems		M16	Appliance Vent or Chimney, Listed	
	<b>Product Conveying Vent System:</b>		M16	Metal Chimney, Unlisted	
M5	Refrigeration Machinery Room		M17	AC/Refrigerator Compressor hp	
M5	Class H Occupancy		M18a	<b>Air Handling Unit:</b> Up to 2,000 CFM	
M5	Fume Hood		M18a	Over 2,000-10,000 CFM	
M5	Smoke Control System		M18a	Over 10,000 CFM	
M5	Stair Pressurization System		M20	<b>Fire Protection Devices:</b> Fire Damper	
M5	Other: (Specify)		M20	Smoke Damper	
	<b>Commercial Kitchen:</b>		M20	Combo Smoke/Fire Damper	
M6	Type I/II Exhaust Hood		M20	Ceiling Radiation Damper	
M6.1	Vent Hood		M20	Corridor Damper	
	<b>Incinerators:</b>		M20	Smoke Detector, Duct-Type	
M9	Industrial Incinerator		M20	Smoke Detector, Area-Type	
M9.1	Domestic Incinerator				



## RECYCLING AND DIVERSION OF CONSTRUCTION AND DEMOLITION WASTE ASSESSMENT 2.0

The City of Irvine Municipal Code (Section 6-7-900) and the California Green Building Standards Code (Sections 4.408, 5.408, and 5.713.8) require that most projects recycle and/or divert construction and demolition waste. The purpose for this is to promote the reuse of resources and to help extend the longevity of the local landfills pursuant to the California State law AB 939 (Sher), SB1374 (Kuehl) et al. Complete the questions below to determine if your project is subject to recycle/diversion requirements.

For projects required to comply with these provisions, percentages of materials subject to recycling have increased under the 2016 California Green Building Standards Code and the City of Irvine Municipal Code. The new percentages are as follows:

### Residential Projects -

- 75 percent of non-hazardous concrete and asphalt construction and demolition debris.
- 65 percent of all other construction, demolition, excavated soil and land clearing debris.

### Non-residential Projects -

- 100 percent of all non-hazardous excavated soil and land clearing debris.
- 75 percent of all non-hazardous concrete and asphalt construction and demolition debris.
- 65 percent of all other non-hazardous construction, demolition debris.

### CHECK THE BOXES BELOW AS APPLICABLE - DOES YOUR PROJECT INCLUDE:

YES	NO	
<input type="checkbox"/>	<input type="checkbox"/>	A new single family or multi-family residential main building or accessory building?
<input type="checkbox"/>	<input type="checkbox"/>	The remodel or renovation of an existing single or multi-family residential building that adds conditioned area or volume?
<input type="checkbox"/>	<input type="checkbox"/>	A non-residential project subject to a building permit?

If you answered YES to any question, your project is subject to the recycling/diversion requirement which includes the approval of a waste management plan and posting of a bond at permit issuance. Bond must be paid by check or surety bond. You may initiate this process at any time by contacting the City's Environmental Programs at 949-724-7669 or visit [cityofirvine.org/c&d](http://cityofirvine.org/c&d). [Note: projects with demonstrably small volumes of anticipated debris may be exempted.]

PROJECT ADDRESS

NAME OF INDIVIDUAL COMPLETING ASSESSMENT

COMPANY

SIGNATURE

DATE

**IMPORTANT NOTES:** (1) The assessment will be verified during plan review. Mistakes in this initial assessment may result in project delays; (2) Some project proponents choose to award the construction contract prior to posting a bond and/or getting the waste management plan approved. While this is completely acceptable, the processing time does become a critical path item. It is therefore important that this step be appropriately included in the overall project schedule.



# ORANGE COUNTY FIRE AUTHORITY

# COM

## Plan Submittal Criteria COMMERCIAL projects, MULTIFAMILY RESIDENTIAL projects and RESIDENTIAL TRACT developments

### INSTRUCTIONS:

- Fill in the project/business address and provide a brief description of the scope of work and type of business operation that will take place.
- Answer questions 1 through 10, read and initial items 11 and 12, then complete and sign the certification section.
- If you answer: - "YES" to *any part* of questions 1 through 10, submit the type of plan indicated in italics to OCFA.
- In some cases, other plan types not indicated herein may also be necessary depending on specific conditions or operations.
- Visit [www.ocfa.org](http://www.ocfa.org) for submittal information and locations. If you need assistance in filling out this form or have questions regarding requirements for review, please contact OCFA at 714-573-6108 or visit us at 1 Fire Authority Road, Irvine, CA 92602.

Address	Suite	City	Irvine
Project Scope/Business Description			

- |  |            |           |  |
|--|------------|-----------|--|
|  | <b>YES</b> | <b>NO</b> |  |
|--|------------|-----------|--|
- Construction of a new building, a new story, or increase the footprint of an existing building? Changes to roadways, curbs, or drive aisles? Addition, relocation, or modification of fire hydrants or fences/gates? Construction within 300 feet of an active or proposed oil well? *Fire Master Plan (PR145)*
  - Property is adjacent to a wildland area or non-irrigated native vegetation? *Fire Master Plan (PR145); a Fuel Modification Plan may also be required. (PR120, PR124)*
  - Located in or < 100' from a Division of Oil, Gas, and Geothermal Resources (DOGGR) field boundary, < 300' from an oil/gas seep, or < 1000' from a landfill? *Methane Work Plan. (PR170)*
  - Installation/modification/repair of underground piping, backflow preventers, or fire department connections serving private fire hydrant/sprinkler/standpipe systems? *Underground Plan. (PR470, PR475)*
  - Drinking/dining/recreation/meetings/training/religious functions or other gatherings in a room > 750 sq.ft. (> 1,000 sq.ft. for training/adult education) or > 49 people? Healthcare/outpatient services for > 5 people who may be unable to immediately evacuate without assistance? Education for children (*academic tutoring for ages 5+ is exempt unless classified as an E occupancy by the Building Official*)? Adult/child daycare? 24-hour care/supervision? Incarceration or restraint? Hotel/apartment or residential facility with 3+ units and 3+ stories (*3-story townhouses/rowhouses where an independent direct exit to grade is provided for dwelling are exempt*)? Congregate housing/dormitories with 17+ people? High-rise structure (55+ feet to highest occupied floor level)? *Architectural Plan (PR200-PR285)*
  - Installation/modification of locks delaying or preventing occupants from leaving a space or requiring use of a card, button, or similar action to open a door in the direction of exit travel? *Architectural, Sprinkler, and/or Alarm Plan depending on the occupancy and type of device installed (PR200-PR280, PR420-PR425, PR500-PR520)*
  - Installation/modification/use of spray booths; dust collection; dry cleaning; industrial ovens/drying equipment; industrial/commercial refrigeration systems; compressed gasses; tanks for cryogenic or flammable/combustible liquids; vapor recovery; smoke control; battery back-up/charging systems (> 50 gal. electrolyte, > 1,000 lb. lithium ion); welding/brazing/soldering, open flame torches, cutting/grinding; or other similar operations? *Special Equipment Plan (PR315, PR340-PR382)*
  - Storage/use/research with flammable/combustible liquids or other chemicals? Motor vehicle/aircraft maintenance/repair? Cabinetry/woodworking/finishing facility? *Chem Class & floor plan (full architectural plan if H occupancy); Special Equipment Plans may be necessary. (PR315-PR360, PR232-PR240)*
  - Storage or merchandizing areas in excess of 500 sq. ft. where items are located higher than 12' (6' for high-hazard commodities, plastic, rubber, foam, etc.)? *High-piled Storage Plan (PR330)*
  - Cooking under a Type I commercial hood; installation or modification of a fire extinguishing system located in a commercial cooking hood? *Hood & Duct Extinguishing System, not just the hood mechanical plan. (PR335)*

### Initial each of the following two items indicating that you have read and understand the statement:

- \*Sprinklers/Alarms: Consult Building/Fire Codes and ordinances to determine sprinkler/alarm requirements; if a system is required, plans shall be submitted for OCFA review. Existing buildings undergoing remodel must be evaluated by a licensed contractor to determine if modification is needed; if so, contractor shall submit plans prior to making modifications.  
Initials \_\_\_\_\_
- Fire Hazard Severity Zone: Consult maps available at building department or on OCFA website to determine if your site is located in a FHSZ. Buildings in a FHSZ may be subject to special construction requirements detailed in CBC Chapter 7A or CRC R327—the building department will determine specific requirements.  
Initials \_\_\_\_\_

### I certify under penalty of perjury under the laws of the State of California that the above is true:

Print Name	Signature
Phone Number	Date

**Building Department:** If you have verified that all of the questions have been answered accurately as "NO", and the project does not otherwise require OCFA review of sprinkler or alarm plans\*, then you may accept this signed form as a written release that OCFA review is not required. Should you still require that the applicant have plans approved by OCFA, please initial here \_\_\_\_\_ or attach an OCFA referral form and have the applicant submit the form along with the appropriate plans and fees for OCFA review.





## COMMUNITY DEVELOPMENT / PUBLIC WORKS

# ELECTRONIC/DIGITAL SIGNATURE DISCLOSURE

I understand and agree that (i) electronically signing and submitting any document(s) to the City of Irvine legally binds me in the same manner as if I had signed in a non-electronic or non-digital form, and (ii) the electronically stored copy of my signature, any written instruction or authorization and any other document provided to me by the City of Irvine, is considered to be the true, accurate, and legally enforceable record in any proceeding to the same extent as if such documents were originally generated and maintained in printed form. I agree not to contest the admissibility or enforceability of the City of Irvine's electronically stored copy of any other documents.

By using the system to electronically sign and submit any document, I agree to the terms and conditions of this Electronic/ Digital Signature Disclosure.

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SIGNATURE

DATE