



## ELECTRONIC VEHICLE PLAN REVIEW CHECKLIST – (COMMERCIAL)

### Project Information

ADDRESS: \_\_\_\_\_ DATE: \_\_\_\_\_

PROJECT NAME: \_\_\_\_\_ PROJECT TYPE  Commercial  Multi-Family (three or more units)

APPLICANT NAME: \_\_\_\_\_

APPLICANT NAME: \_\_\_\_\_

APPLICANT PHONE: \_\_\_\_\_ APPLICANT EMAIL: \_\_\_\_\_

### ELECTRIC VEHICLE PLAN REVIEW INFORMATION

#### PROJECT COVER / TITLE SHEET INFORMATION MUST INCLUDE:

- List all applicable codes
- Project or Tenant Name
- Project description
- Occupancy classification
- Type of Construction
- Area of space (square feet)
- Key plan showing the location of the proposed work area in relationship to the overall building or adjacent structures
- Location of project in relationship to floor / level, suite, number or lot / space numbers
- Each sheet has the project designer of record (arch. or eng.) SEAL and SIGNATURE
- All sheets labeled "Issued/Released for Construction"
- Indicate name, address, and phone # of project designer of record (arch. or eng.)
- Indicate street address (as issued by the OOB) for all buildings in the title blocks
- Indicate floor level, suite number or space / lot numbers
- Sprinklered / Non-sprinklered
- Provide drawing index / contents

#### REQUIRED ARCHITECTURAL PLANS / DRAWINGS – Showing all dimensions drawn to current architectural/engineering standards:

- The minimum installation ONLY applies to adequate electrical panel space for overcurrent devices and raceway / conduit
- Occupancies – A, B, E, I, M, S-2, R-1, R-2, and R-3
- Ratio of parking spaces is 1:5 or 20% (Must provide the total number of NEW parking spaces and the required EV spaces)
- Number of accessibility parking requirements as per GA Accessibility Code (120-3-20) based on 20% of the ADA spaces
- Type of EV Charging Units with Current and Voltage load
- Plans must be marked with "For Use with Electric Vehicles"
- Plans must be marked with "Ventilation Not Required" or "Ventilation Required"
- Coupler must be stated as "Inductive" or Conductive  Size of Overcurrent Devices and the number of Branch Circuits
- Each EV charger is required to have individual branch circuit sized at 125% of load
- Level 1  120 Voltage – 15 amps or 20 amps
- Level 2  208/120; 240; 480/277; 480; 600/347; 600; or 1000  AC  DC
- Level 3  208/120; 240; 480/277; 480; 600/347; 600; or 1000  AC  DC
- Disconnection means for each EV charging unit if 60 amperes or 150 volts
- Electrical Load Calculations and panel(s) size  Dedicated space for future EVSE installation
- Raceway / Conduit size based on type of conductors and load required based on the selected EV Charging station
- Dedicated space stenciled with "FUTURE ELECTRICAL VEHICLE CHARGING EQUIPMENT AND PANELS"
- All EV installation must provide the estimated EVSE type so the dedicated space can size appropriately
- Even though the EV the portion of installation is readily available and not complete the electrical capacity needed to install the entire required EV charging stations must be provided on the plans**

**Number of COPIES of Plans Required:**

Site Development	<b>4</b> Site w/ Hydro Plans	Grease Trap	<b>3</b> Site
Arborist	<b>3</b> Site	Traffic	<b>2</b> Site
Zoning	<b>2</b> Site & <b>2</b> Architectural	Water	<b>3</b> Grading & Utility
Building Plan Review	<b>2</b> Site & <b>2</b> Architectural	Fire Site	<b>3</b> Grading & Utility
Fire Assembly (≥50)	<b>3</b> Architectural/Seating	Sanitation	<b>2</b> Approval County Solid Waste
Fulton County Health	<b>2</b> Health, if applicable		

**Example of Table to provide on the plans**

Occupancy classification (circle applicable)	A	B	E	I	M	S-2	R-1	R-2	R-3
Number of parking spaces									
Number of EV spaces required									
Number of EV spaces provided									
Number of ADA parking spaces provided									
Electrical load calculations that include future EV Charging stations									
Estimated Type of Electrical Vehicle Charging Unit anticipated to install									