

Greenville County

Greenville County Square
 301 University Ridge, Suite 4100, Greenville SC 29601-3686
 Phone (864) 467-7060 Fax (864) 467-7407
 permits@greenvillecounty.org

EV CHARGING STATION PROJECT BUILDING/ZONING APPLICATION

Proposed Business Name:		Property Owner's Name:	
Exact Address of		City:	State & Zip:
Business Park Name:	Lot or Unit:	Tax Map No.:	
Road Information:	Private Road	County Road	State Road
New;	Addition;	Interior Alteration Up-Fit;	Change of Tenant/FES;
Use Group:	Construction Type:	Sprinkled:	Cost of Project (REQUIRED) \$:
Building Gross Sq.	Tenant Sq. Ft.:	Construction Area Sq. Ft.:	
Description of			
<i>Exact Directions to Job Site must be provided on the Zoning Application</i>			
Permit Contact Name:		Phone:	Fax:
Permit Contact Email:			
Contact Information:	NAME	LICENSE #	PHONE #
Architectural Designer:			
Electrical Designer:			
Site/Landscape Designer:			
Other:			
Contractor/ If Known			
Plan Review Contact:			
Plan Review Email:			

The applicant hereby certifies and agrees as follows: 1) That he/she is authorized to make this application; 2) That he/she has read the above information and it is true and correct; 3) That he/she will comply with all County of Greenville ordinances, laws and regulations, all State and Federal Laws and regulations regulating the use of land and structures and the construction of structures; 4) That he/she will perform only the work or occupy as outlined at the property indicated above; 5) That he/she grants the right of entry to the property to the Building Official or employees of the County of Greenville for the purpose of inspections, and posting of notices. If any of the information supplied by the owner and/or owner's agent is incorrect, the Permit/Certificate of Occupancy may be revoked.

This application shall not be construed as authority to violate, alter or set aside any of the provisions of the Building Code and any other applicable laws or ordinances, nor shall the issuance of a permit prevent the Building Official from requiring correction of errors in construction documents or of violations of the Building Code of the County of Greenville, South Carolina.

This Application is not permission to proceed with the project in accordance with the Zoning Ordinance and shall not be construed as authority to violate, alter or set aside any of the provisions of the Building Code and any other applicable laws or ordinances, nor shall the issuance of a permit prevent the Building Official or Zoning Administrator from requiring correction of errors in project documents or of violations of the Building Code or Zoning Ordinance of the County of Greenville, South Carolina.

THIS APPLICATION WILL BE DEEMED TO HAVE BEEN INVALID 180 DAYS AFTER THE FILING DATE, UNLESS A PERMIT HAS BEEN ISSUED. PLANS WILL BE DISPOSED OF AND RE-SUBMITTAL WILL BE REQUIRED.

Any information and documents submitted to the County of Greenville, for the purpose of Construction Document review and approval, becomes subject to the South Carolina Freedom of Information Act (SC Code of Laws, 1976 as amended, Title 30, Chapter 4) and may be subject to public inspection and review.

DATE: _____ BY OWNER/AUTHORIZED AGENT: _____

DATE: _____ REVIEWED/APPROVED BY ZONING OFFICIAL: _____ ZONING DISTRICT: _____

DATE: _____ REVIEWED/APPROVED BY BUILDING OFFICIAL: _____

Permit No. _____ Cost of Permit: \$ _____

NOTES: _____

Commercial Electric Vehicle Charging Stations Submittal Requirements

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864/ 467 -7060

Building:

A Building permit is required based on the cost of the project.

Provide a site plan by a licensed Architect or Engineer, sealed and signed. Plans shall be fully dimensioned and to scale, and include proposed Charging Stations, property lines, buildings, parking spaces and parking lot travel ways.

The site plan shall also include the actual burial route of the conductor including linear dimension of cable run, and location of the service panel feeding the conductor.

Existing parking spaces shall not be shortened by the installation of charging stations, bollards or wheel stops. If the number of existing spaces is to be reduced, parking calculations shall be provided for review by the Zoning Department.

In zoned areas of the county the Charging Stations and all components associated with the Charging Station i.e. Bollards, Canopies and Disconnects, shall be located a minimum of 15' from all Right of Ways.

The number of accessible spaces/stations, shall be determined by 2018 IBC Table 1106.1 and section 1106.5, and shall be designed in accordance with the ICC A117.1-2017. The county does not assess the accessibility of the device, only the access to the device itself.

If the stations are being fed from the electrical service of an existing building, the county highly recommends that remote disconnects be installed on the outside of the building or other approved location, to prevent the need to shut down the power to the entire building in the case of an emergency. Stations being fed by an independent service will include a service disconnect per the NEC.

Electrical:

An Electrical permit required per IBC 105, and installed per NEC 625.

Provide engineered construction documents including the following:

All equipment shall be listed by UL or another approved agency.

Circuit breaker size NEC 210.20, 625.41.

Conductor length with voltage drop calculation. NEC 310.

Conductor size and type.

Burial depth and various surfaces encountered in the burial path. NEC 300.5

Appliance protection is required in the form of bollards NEC 110.27B

A plan view and section detail of bollards is required.

Specifications/installation manual of the Charging Station are required.