

Commercial Electric Vehicle Charging Stations Submittal Requirements

(Level 2 and Level 3)

Greenville County

Greenville County Square 301 University Ridge, Suite 4100 Greenville, SC 29601-3660 864/ 467 -7060

IBC 406.2.7 & 1107, IFC 312, 2303.2 and NEC Articles 625 110.25 and 110.27.

1. Go to eTRAKit and Create an Account.

<https://grvlc-trk.aspgov.com/eTRAKIT/login.aspx?It=either&rd=~/PermitApplication/step1.aspx&activityNo=>

2. Tax Map No. can be obtained from the property owner or Real Property Services 864-467-7300 County website; (www.greenvillecounty.org/vrealpr24/clrealprop.asp.)
3. Provide a site plan by a licensed SC Design Professional and properly sealed.
4. **Site Plans** shall be to scale, fully and shall include proposed Charging Spaces, property lines, buildings, charging stations, impact protection, parking spaces and parking lot travel ways, etc.
5. **Charging Spaces** shall not be counted towards required Parking Spaces required by Code or Ordinance. Standard Charging Spaces shall be 20' deep and 9' wide. A minimum of 5% provided spaces shall be accessible. Accessible Charging Spaces shall be 20' deep 11' wide with a 5' access aisle. Access aisles may be shared with adjacent Charging Spaces. No equipment or protection device shall be located in a Charging Space or access aisle.
6. **Setbacks and Fire Separation Distances** are required from Charging Stations, canopies, disconnects, etc. Also See IFC Section 2303.1 for location distances.
7. **Disconnects** shall be provided in the vicinity of the Charging Stations. An approved location shall be 20'-100' from the charging station with approved signage labeled, **"EMERGENCY EV CHARGING SHUTOFF"**
8. **Impact Protection** shall be provided per NEC 110.27 and IFC 312
9. **Electrical** plans shall include single line, riser & panel diagrams including breaker & conductor sizes run lengths and location of the service panel feeding conductors. Provide specifications for all charging equipment being installed, including UL listing information.