

GREENVILLE COUNTY

Emergency Responder Radio Coverage System Submittal Package

ATTN: Fire Marshal

Installation Location		
Business/Location Name:		
Address:		
Property Owner/Rep Name:	Owner/Rep Contact Number:	
Current Use of Structure:	Square Footage:	
Proposed Use of Structure:		
Installation Contractor Responsible for Emergency Responder Radio Coverage System		
Company:	FCC License #:	Exp. Date:
Address:		
Contact Name:	Contact #:	
Contact Email:		
Emergency Responder Radio Coverage System Details		
<input type="checkbox"/> New system in Existing Building	Emergency Responder Radio Coverage System: Per IFC, NFPA 1221-Check all sections which apply to the new or existing design:	
<input type="checkbox"/> Replacement of Existing, add reason in notes		
<input type="checkbox"/> Modification of Existing, add reason in notes		
Designers Information		<input type="checkbox"/> Modification of existing, add reason in notes
Name:	<input type="checkbox"/> Required BDA	
Company:	<input type="checkbox"/> Required Standby Power Supply	
Phone:	<input type="checkbox"/> Pathway Survivability	
Email:	<input type="checkbox"/> Feeder and riser coaxial cables shall be routed in 2-hour rated enclosure	
Qualification (Ref. NFPA 72):	<input type="checkbox"/> Copy Signal Booster Consent of Licensee Application Submitted to SC Division of Technology Operation, Public Safety Communication Section	
	<input type="checkbox"/> Monitored by Listed Fire Alarm Control Unit	
	<input type="checkbox"/> Radiating Cable	
Notes/Comments:		

Emergency Responder Radio Coverage System Permit Application

Plan Submittal Checklist

The following checklist is provided as a summary of the minimum information required before a review will be initiated. It is the contractor's responsibility to have a thorough working knowledge of the applicable ordinances, codes and/or standards. Failure to provide the needed information will delay the review process.

1. Emergency Responder Radio Coverage System application, 2 sets of prints, 1 set of documents (specs, etc.)
2. Name, address, phone, email and FCC license number on the prints.
3. Creation date of plan, revision dates, point of compass, scale and graphic representation of scale.
4. Description of the scope of work.
5. Manufacturer's cut sheets for all equipment, clearly indicating which models will be utilized.
6. Public Safety Signal Level Survey prior to system installation.
7. Floor plan(s) indicating all device locations & clearly identifying rooms, areas, etc.
8. 1-line diagram (riser), including power connection & conductor type and sizes, Fire Alarm Connection.
9. Battery & signal attenuation drop calculations.
10. Existing systems: Provide a copy of the most recent annual inspection report. (IFC 510.6.1)
11. Certificates from equipment manufacture showing training on equipment being installed (IFC 510.5.2)
12. Copy of Signal Booster Consent of Licensee Application for Palmetto 800 Radio network & Copy of the Palmetto 800 Retransmission Consent Authorization.

Required Inspections

The following inspections are minimum and required during the project. Failure to call for an inspection may result in delays or require covered work to be uncovered for visual inspection: (1) Rough-in inspection to be completed before wiring or wiring method is concealed and/or before the installation of ceiling tiles or ceiling system. (2) Final Inspection to include: a review of contractor's 100% self-inspection documentation, verification of device placement, functional test of system.

Pre-Final Inspection Checklist

The contractor shall verify completion of the following items prior to scheduling the final inspection. Any item from this general list found outstanding at the time will result in termination of the inspection and rescheduling of a re-inspection. (1) All equipment, devices, etc. has been installed per the submitted plans. Any changes must be approved before acceptance testing and shall be noted on the as-built drawings provided to the inspector.

- (2) 100% pre-test has been completed and documented by the contractor.
- (3) Any mechanical/electrical systems have been reviewed & approved by the Building Department.
- (4) Contractor has current proper documentation indicating adequate training & qualifications to install the selected system, permit, stamped drawings, system manual(s) and needed testing equipment.
- (5) Provide a Record of Completion attesting to proper installation, copy to owner and inspector.
- (6) FCC Registration Number on the inside of the main cover.

A copy of the submittal package and Record of Completion and FCC Registration shall be placed in a documentation box marked "Emergency Responder Radio Coverage System Plans - Do Not Remove From Site" shall be installed at the BDA.

Request for Review and Permit

I understand & agree that this permit is only for this project and provides authorization for the limited scope of work identified on the permit and the permit remains the property of Greenville County. By signing below, I certify that I am an authorized agent for the company performing the work stated above, appropriately trained & qualified for the scope of work proposed and all information provided is true & correct. I understand that if any information provided is found to be incorrect or falsely stated, any permits granted from this application are immediately null & void. I agree to comply with the ordinances of this jurisdiction & to perform the work herein stated in accordance with the submitted plans, specifications, applicable codes & standards and shall be responsible for any and all violations of state law and local ordinances. I understand that any changes or alterations in plans made without written approval subsequent to the issuance of the permit shall constitute grounds for revocation of such permit and that all work is subject to field inspections. Permit void if work is not started within 6 months of date of issue or if work stops for a period of 6 months. All permits expire 2 years from the date of their issuance. Additional permits shall be required for any additional work not authorized under a permit issued for this application. Applicant is responsible for calling to schedule all required inspections.

Name of person making application **Signature** **Date**



FIRE PERMITS

CURRENT ADOPTED CODES and REFERENCE STANDARDS

(Effective January 1, 2026)

For [SC State Modifications](#) visit LLR

For [ICC South Carolina Codes](#) visit ICC

The 2021 Code Links above are currently being updated online by LLR & ICC

For [ICC Codes Without SC Modifications](#) visit ICC

Greenville County Square 301 University Ridge, Suite S-3100 Greenville SC 29601

864-467-7060

South Carolina Building Code <i>(IBC with South Carolina Modifications)</i>	(SCBC)	2021
South Carolina Mechanical Code <i>(IMC with South Carolina Modifications)</i>	(SCMC)	2021
South Carolina Fire Code <i>(IFC with South Carolina Modifications)</i>	(SCFC)	2021
National Fire Protection Association <i>(As referenced by SCBC / SCFC)</i>	(NFPA 20)	2019
National Fire Protection Association <i>(As referenced by SCBC / SCFC)</i>	(NFPA 24)	2019
National Fire Protection Association <i>(As referenced by SCBC / SCFC)</i>	(NFPA 70)	2019
National Fire Protection Association <i>(As referenced by SCBC / SCFC)</i>	(NFPA 72)	2019
National Fire Protection Association <i>(As referenced by SCBC / SCFC)</i>	(NFPA 90A)	2019
National Fire Protection Association <i>(As referenced by SCBC / SCFC)</i>	(NFPA 1221)	2019

01 October 2025 / Rev. 11 November 2025