



Athens-Clarke County Fire & Emergency Services



3.1.3 Emergency Communications Plan Review Checklist

Reviewer: _____

Date: _____

Job Name: _____

Address: _____

City: _____ Zip: _____

Complex Name: _____

General Building Information

Construction Type: _____ Stories? Height (ft): _____

Company Name: _____ Phone: (____) ____ - ____

Contact Email: _____

State License # _____

Radio System Type: BDA Y N DAS Y N Radiating Cable: Y N

Radio Donor Site: _____ Number of Remote Amplifiers: _____

Sprinkler System: 13: 13R: N/A: Voice Evacuation Y: N: N/A:

Fire Pump Present: Y: N: N/A: Special Locking Arrangements Y: N: N/A:

Fire Alarm Present: Y: N: N/A:

Review Date: _____ Approved or Disapproved

NOTE: The designer must complete the form before plans are reviewed.

700 College Avenue

Athens, Georgia 30601

(706) 613-3364

www.athensclarkecounty.com

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DRAWING SUBMITTAL REQUIREMENTS	OK	Absent
1. Plans shall be clearly labeled and legible.		
2. Plans shall include a single-line wiring diagram, including cable type.		
3. Plans shall include a title sheet with full specifications and a system operational description.		
4. The plans shall include the Manufacturer's specifications and cut sheets.		
5. Plans shall include a vicinity map that includes Athens Clarke County system towers and building latitude and longitude.		
6. Plans shall include details of system supervision and central station monitoring per IFC 510.4.2.4(3). Monitoring by the FACP is the preferred method. Signals shall be supervisory.		
7. Plans shall show a grid pattern for each level, not less than 20 grids per floor. Floors greater than 32,000 sf shall utilize a maximum 40-ft x 40-ft grid.		
8. Floor plans for each level (basement included) must show anticipated signal levels in each grid.		
9. Plans shall indicate the location of all system components.		
10. Plans shall identify critical areas as defined in NFPA 72, 24.5.2.2.1		
11. Location and anticipated talk-in signal level at the closest tower site (-95dBm required)		
12. All critical areas -as defined in NFPA 72- SHALL BE COVERED WITH A MINIMUM OF -95dBm, showing anticipated signal coverage in each area for talk-in and talk-out.		
13. Shall be capable of transmitting all ACCFES 7/800 MHz frequencies and modulation technologies		
14. All system electronics shall be enclosed in NEMA 4 cabinet; batteries must be separate or utilize a sound-engineered design. When using sealed batteries, separate battery cabinets are not required to be NEMA 4 compliant.		
15. Two independent power supplies shall be provided; the secondary supply must provide a 24-hour supply at 100% of the maximum current draw (show calculations). When using an NFPA 110 emergency generator, a minimum of 8 hours of run-time is required.		
16. A dedicated monitoring panel is provided in the fire command center (If there is a command center)		
17. Annual testing is required per IFC 510. All submissions shall include a proposal between the owner and an approved testing agency for annual testing, inspection, and re-certification. Building owners must acknowledge the necessity of annual testing by means of a written statement scanned onto the plan set.		
18. System acceptance and testing criteria shall be provided for review and approval.		
19. System certification shall be provided and shall include a complete catalog of all tests and signal levels achieved after installation.		

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DRAWING SUBMITTAL REQUIREMENTS		OK	Absent
20. Complete system acceptance testing documentation shall be kept on-site in a document box located at the BDA cabinet.			
21. Adequate means to protect all fire-rated penetrations shall be detailed in the plan set			
22. All cables shall be documented to be rated for their respective use, plenum, riser, etc.			
23. ERRC Designs shall bear both an FCC General Radio License and Low Voltage License credentials and signatures. Original signatures are required on the cover page of all plan sets.			
24. Provide the FCC General Radio License for the lead installation technician. All ERRC installations require a Low-Voltage Permit through the applicable permit office.			

The above is not an all-inclusive list - Plans must meet all NFPA, International Fire Code, and State of Georgia requirements. Please refer to Chapter 120-3-3 Rules and Regulations of the Safety Fire Commissioners website.

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