Cherokee County	Emergency Communications System(s) (RADIO) ¹	
Fire &	Job Name:	
Emergency	Address:BldgsSuite:	
Services	City:Zip:	
ATTENDANCE		
CHEROKEE	Email:	
CK CHECK	GENERAL INFORMATION:	
	Area of Building:Number of Stories	
Pay 1973	Occupancy Type:Construction Type	
SERVICES SERVICES	Radio System Type: BDA Y N DAS Y N Radiating Cable: Y	
Diam Davis	Radio Donor SiteNumber of Remote Amplifiers	
Plan Review		
DDAWING CURMITT	✓ = Pass, X = Fail, NA = Not applicable	Status
DRAWING SUBMITT	-	
 Plans shall be clearly labeled and legible. Plans shall include a single line wiring diagram including cable type. 		
,	a title sheet with full specifications and system operational description.	
	ifications and cut sheets shall be included with plans.	
5) Plans shall include a vicinity map which includes Cherokee 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 Cherokee tower site (-95dBm required)		
12) All critical areas -as defined in NFPA 72- SHALL BE COVERED WITH A MINIMUM OF -95dBm,		
show anticipated signal coverage in each area for talk-in and talk-out.		
13) Shall be capable of transmitting all Cherokee 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. Separate battery cabinets -when using sealed batteries- are		
not required to be NEMA 4 compliant.		
15) Two independent power supplies shall be provided; secondary supply must provide a 24-hr		
supply at 100% of maximum current draw (show calculations). When using an NFPA 110 emergency generator a minimum of 8-hours run-time is required.		
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16) Dedicated monitoring panel provided in 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		
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.		
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 a 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.		
1.) The above is not an all-	-inclusive list; all applicable fire and life safety provisions must be met. Cherokee County reserves the	

right to order the disconnection and/or disconsolation of any system that fails to perform or causes interference, harmful or otherwise to any Cherokee County Communications system.

11/10/20 Reviewer: ______Date: _____