











- | System Components | |
|---|------------------------------------|
| | Description |
|  | Bi-Directional Amplification Panel |
|  | 24vdc Battery Backup Panel |
|  | Annunciator |
|  | Interior DAS Antenna |
|  | Directional Coupler |
|  | 2-Way Power Divider/Combiner |
|  | Coaxial Surge Protector |
|  | Outside Directional Donor Antenna |
|  | Antenna EOL Sensor |
|  | CAP-11A Plenum Coaxial Cable RED |
| | |

BDA System Configuration for Review & Approval

The diagram illustrates the BDA System Configuration for Review & Approval. It shows a floor plan with various rooms and corridors. Key components and connections are labeled:

- Rooms and Equipment:**
 - A2 LPA-7800
 - S5 PD2-4588
 - A6 LPA-7800
 - S2 DC10-3588
 - A8 LPA-7800
 - S6 DC6-3588
 - A5 LPA-7800
 - S7 PD2-4588
 - A4 LPA-7800
 - A9 LPA-7800
 - S3 DC9-3588
 - A7 LPA-7800
 - S1 DC15-3588
 - BDA1 BDA800-1B
- Corridors and Connections:**
 - RISER
 - BACP

Red lines indicate the system configuration. A scale bar at the bottom indicates 250.00 ft.

- Indoor prediction legend**

Power [dBm]

 - >-45.00
 - 55.00
 - 65.00
 - 75.00
 - 83.00
 - 90.00
 - 95.00
 - 105.00
 - <-120.00

Pictograms legend

 - Antenna
 - BDA
 - Riser
 - Splitter

Public Safety Radio

Min -95.00 dBm: 97.2 % >= 95.0 %

	Tower Transmit	Tower Receive
1.	859.6125	814.6125
2.	859.0375	814.0375
3.	858.6125	813.6125
4.	858.1875	813.1875
5.	857.6125	812.6125
6.	856.6125	811.6125
7.	854.2125	809.2125
8.	853.0625	808.0625
9.	852.0625	807.0625
10.	851.0625	806.0625

DL Gain: Contact RSI for final settings

UL Gain: Contact RSI for final settings

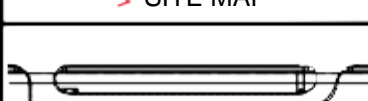

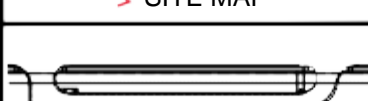
ULSQL TH Level: -75dBm


UL/DL Power Limit Set: +28m

Frequency Band: PS 700/800MHz Class B

Required Donor - DAS Isolation: >90dB











Number of Channels: 10

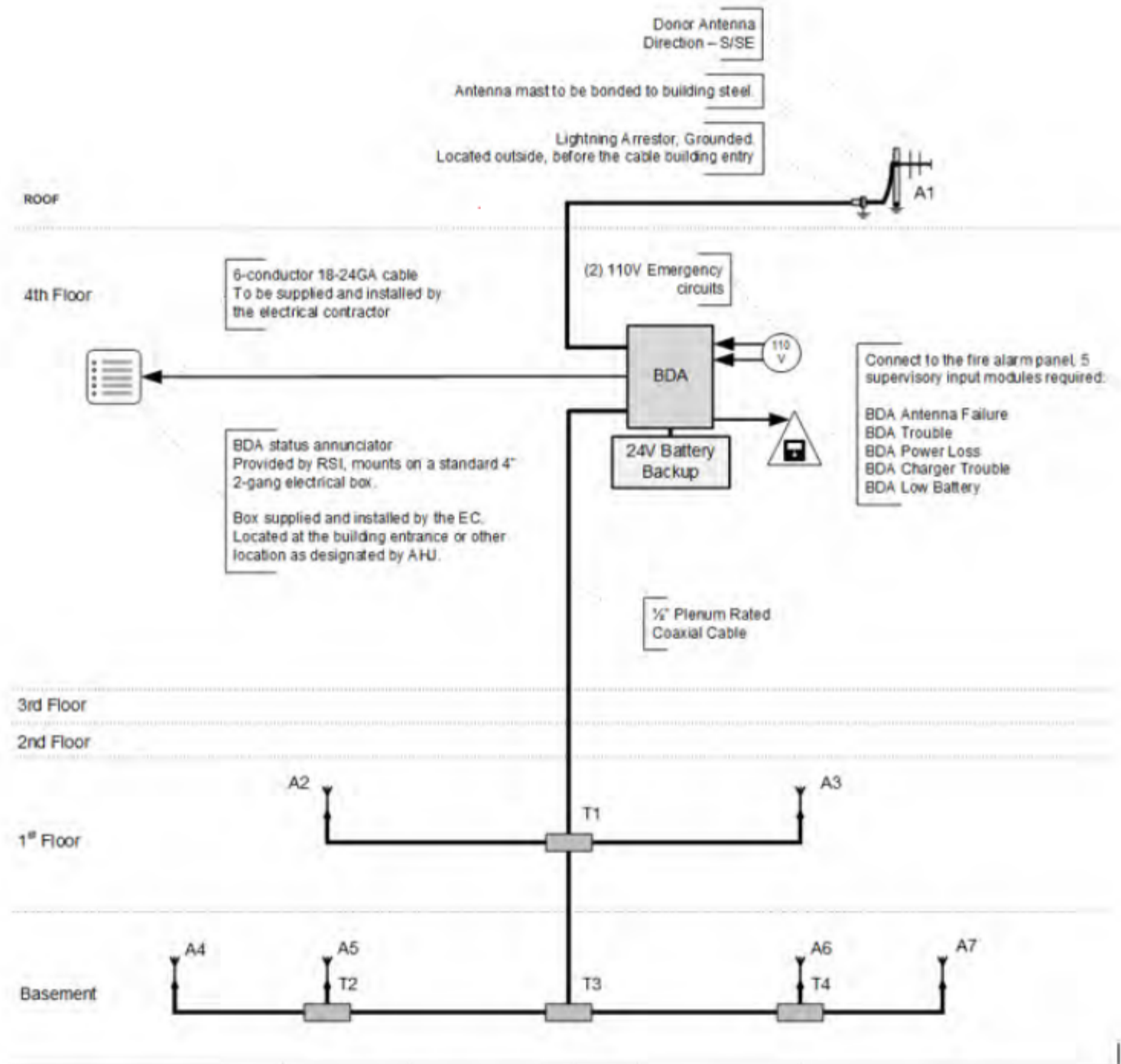
PROJECT INFORMATION					DESIGN INFORMATION					SHEET NAME		SITE MAP		PROPRIETARY INFORMATION			
Name	Critical Infrastructure Building & Shelter				Building / Fire Code	2015 / 2015		FCC I. D. Number	SCCNUR05WL2					<p>These documents including specifications, drawings, details, and design concepts are the property of ABC Radio & Communications, LLC, and are furnished on a confidential basis, with the expressed understanding that they will not be sold, copied, transferred, or used for purposes other than intended. Any project design package and specifications provided by ABCRadio & Communications, LLC for construction and coordination may not be changed without the express written consent of ABC Radio & Communications, LLC.</p>			
Project	1234 Main Street				NFPA - 70	2017		Jurisdiction Ordinances	Anywhere, Texas								
Address	Anywhere, Texas 75000				NFPA - 72	2019		Circuit Integrity Level	Level 2								
Permit #	20-12345		Status	-----	NFPA - 1221	2019		Wiring Class	B	X	A						
DRAWING INFORMATION					CONTRACTOR INFORMATION									<p>These documents including specifications, drawings, details, and design concepts are the property of ABC Radio & Communications, LLC, and are furnished on a confidential basis, with the expressed understanding that they will not be sold, copied, transferred, or used for purposes other than intended. Any project design package and specifications provided by ABCRadio & Communications, LLC for construction and coordination may not be changed without the express written consent of ABC Radio & Communications, LLC.</p>			
Title	Emergency Responder Communications System				Name	ABC Radio & Communications, LLC			Designed By							DBR	
Scale	1/8" = 1'	NA	Plot Size	42" X 30"	Company Address	1234 Main Street Anywhere, Texas 75000			License No.							12345	
Name					FCC	GROL # 12345	PHONE	972-123-4567								Revision	



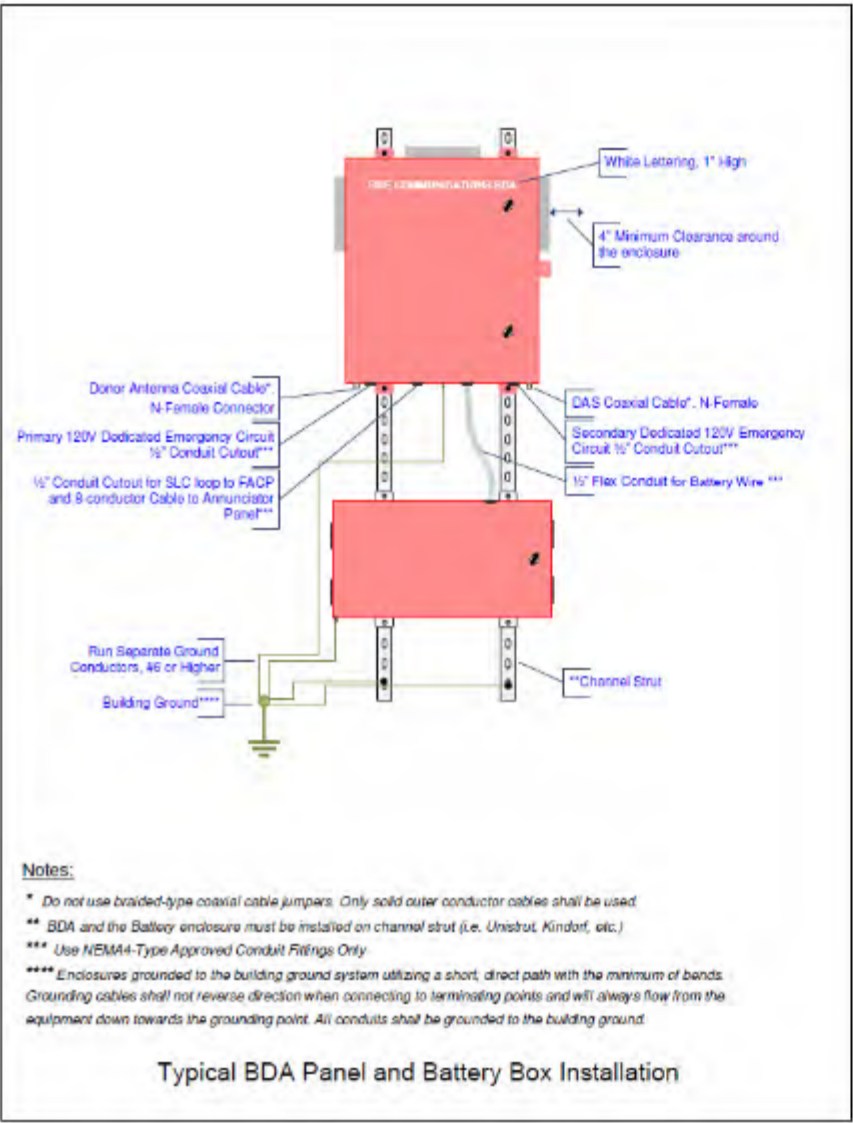
ABC Radio and Communications, LLC

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www.ABCCommunications.com

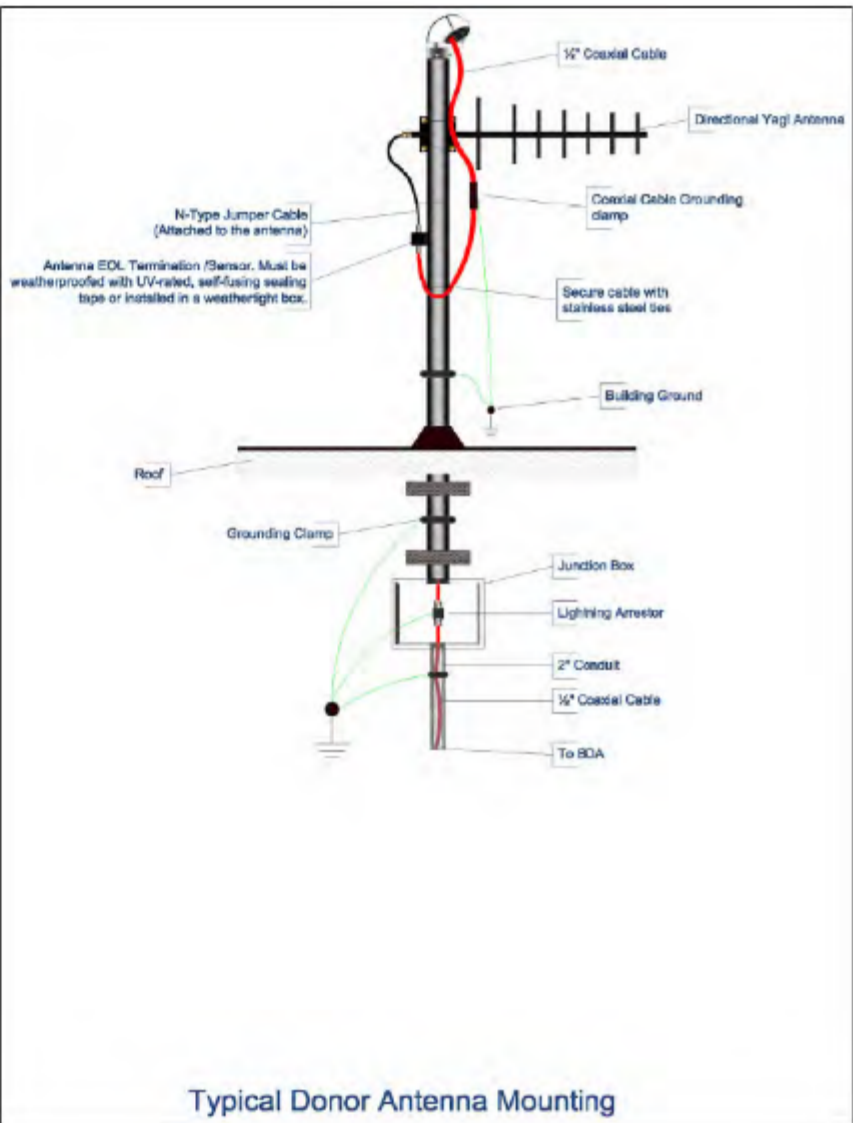
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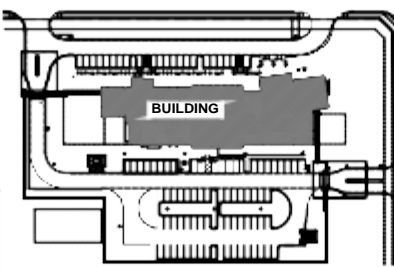


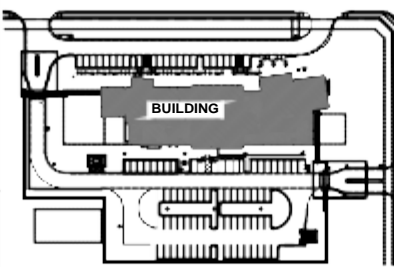

Typical BDA System Riser Diagram



Typical BDA Panel and Battery Box Installation



Typical Donor Antenna Mounting

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					Address	Anywhere, Texas 75000			Date	08-20-2020									
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