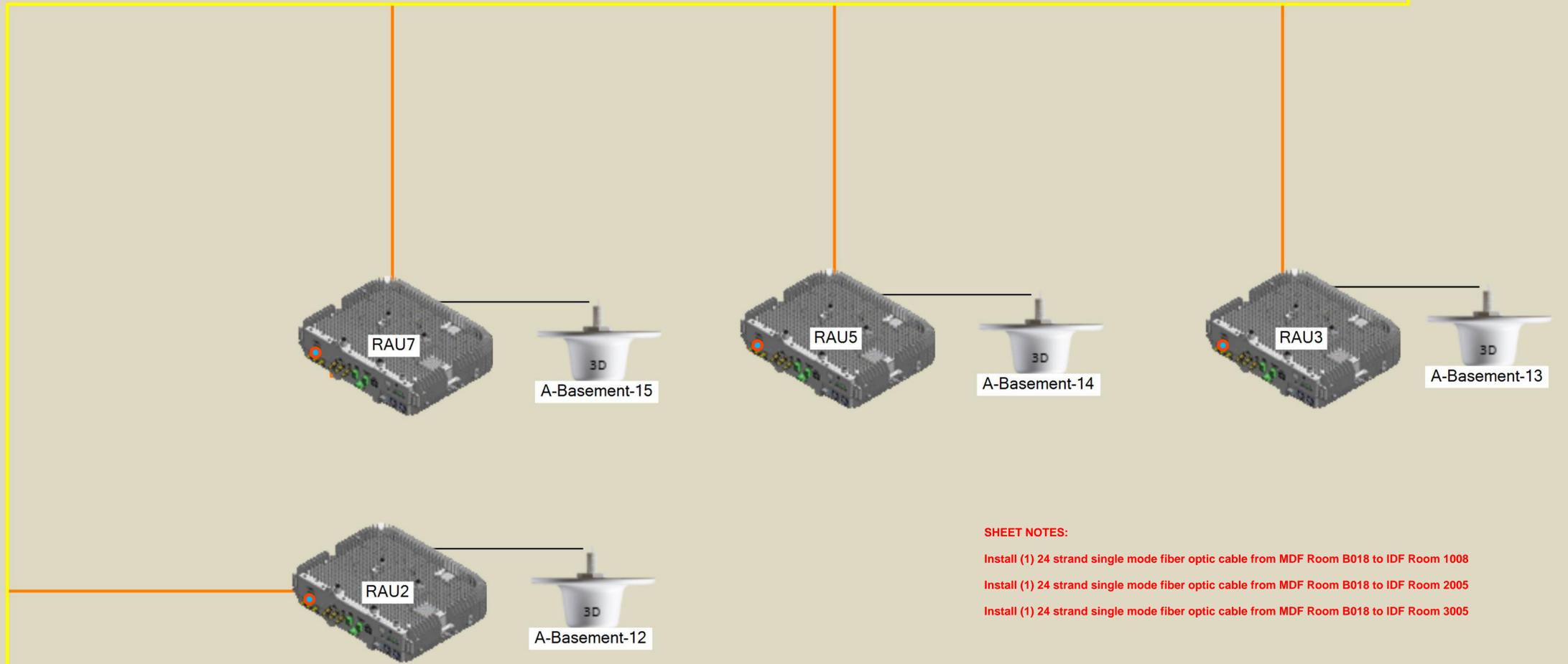


- Calculations legend**
- AT&T - 700 MHz - LTE
  - AT&T - 850 MHz - Cellular - LTE
  - AT&T - 1900 MHz - PCS - LTE
  - AT&T - 2100 MHz - AWS - LTE
  - Sprint - 1900 MHz - PCS - LTE
  - Sprint - 2.6 GHz - LTE
  - TMO - 1900 MHz - PCS - LTE
  - TMO - 2100 MHz - AWS - LTE
  - VZW - 700 MHz - LTE
  - VZW - 850 MHz - Cellular - LTE
  - VZW - 1900 MHz - PCS - LTE
  - VZW - 2100 MHz - AWS - LTE

- Systems information legend**
- AT&T / 700 MHz - LTE / 1 Sectors
  - AT&T / 850 MHz - Cellular - LTE / 1 Sectors
  - AT&T / 1900 MHz - PCS - LTE / 1 Sectors
  - AT&T / 2100 MHz - AWS - LTE / 1 Sectors
  - Sprint / 1900 MHz - PCS - LTE / 1 Sectors
  - Sprint / 2.6 GHz - LTE / 1 Sectors
  - TMO / 1900 MHz - PCS - LTE / 1 Sectors
  - TMO / 2100 MHz - AWS - LTE / 1 Sectors
  - VZW / 700 MHz - LTE / 1 Sectors
  - VZW / 850 MHz - Cellular - LTE / 1 Sectors
  - VZW / 1900 MHz - PCS - LTE / 1 Sectors
  - VZW / 2100 MHz - AWS - LTE / 1 Sectors

- Cables legend**
- 024E81-33131-A1
  - Dummy Jumper - Connect RIM - HEU, RAU - RXU
  - Dummy OIM - OIU Jumperr
  - ERFC16
  - HR1818H4C06U8A3020F-PN
  - HR1818H4C06U8A3050F-PN
  - HR1818H4C06U8A3070F-PN
  - HR1818H4C06U8A3080F-PN
  - HR1818H4C06U8A3100F-PN
  - HR1818H4C06U8A3110F-PN
  - HR1818H4C06U8A3130F-PN
  - HR1818H4C06U8A3140F-PN
  - HR1818H4C06U8A3150F-PN
  - HR1818H4C06U8A3190F-PN
  - HR1818H4C06U8A3200F-PN
  - HR1818H4C06U8A3210F-PN
  - HR1818H4C06U8A3220F-PN
  - HR1818H4C06U8A3250F-PN
  - HR1818H4C06U8A3270F-PN
  - HR1818H4C06U8A3280F-PN
  - LC-APC Duplex Pigtail
  - PTS1P-BTS FEEDER-5M-P
  - PTS1P-QMHM-1M-P

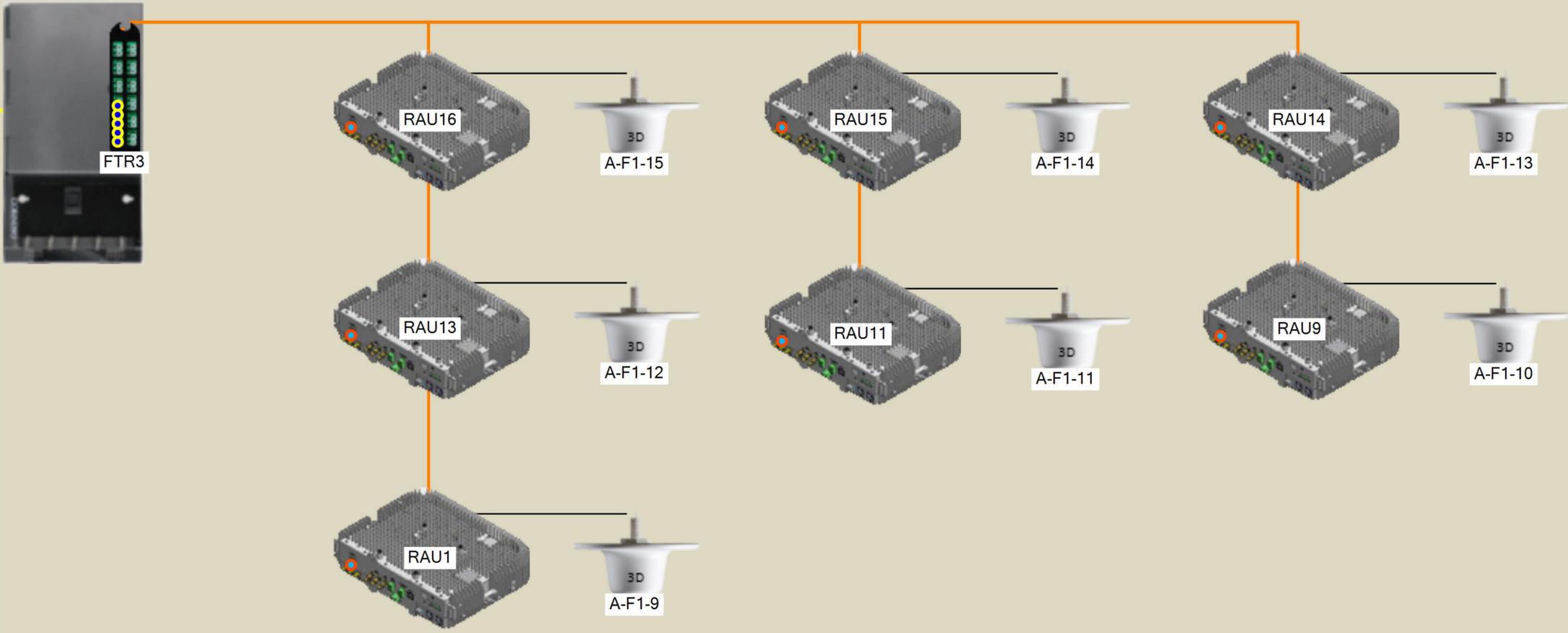


**SHEET NOTES:**

- Install (1) 24 strand single mode fiber optic cable from MDF Room B018 to IDF Room 1008
- Install (1) 24 strand single mode fiber optic cable from MDF Room B018 to IDF Room 2005
- Install (1) 24 strand single mode fiber optic cable from MDF Room B018 to IDF Room 3005

Revision history
Project name
<b>Cherokee Nation Com</b>
Designer name
Plan name
Design plan  100 Bliss Ave Tahlequah, OK 74464 Lat: 35.909992° Long: -94.950758° Elev: 910 Ft.
8/23/2019

F1



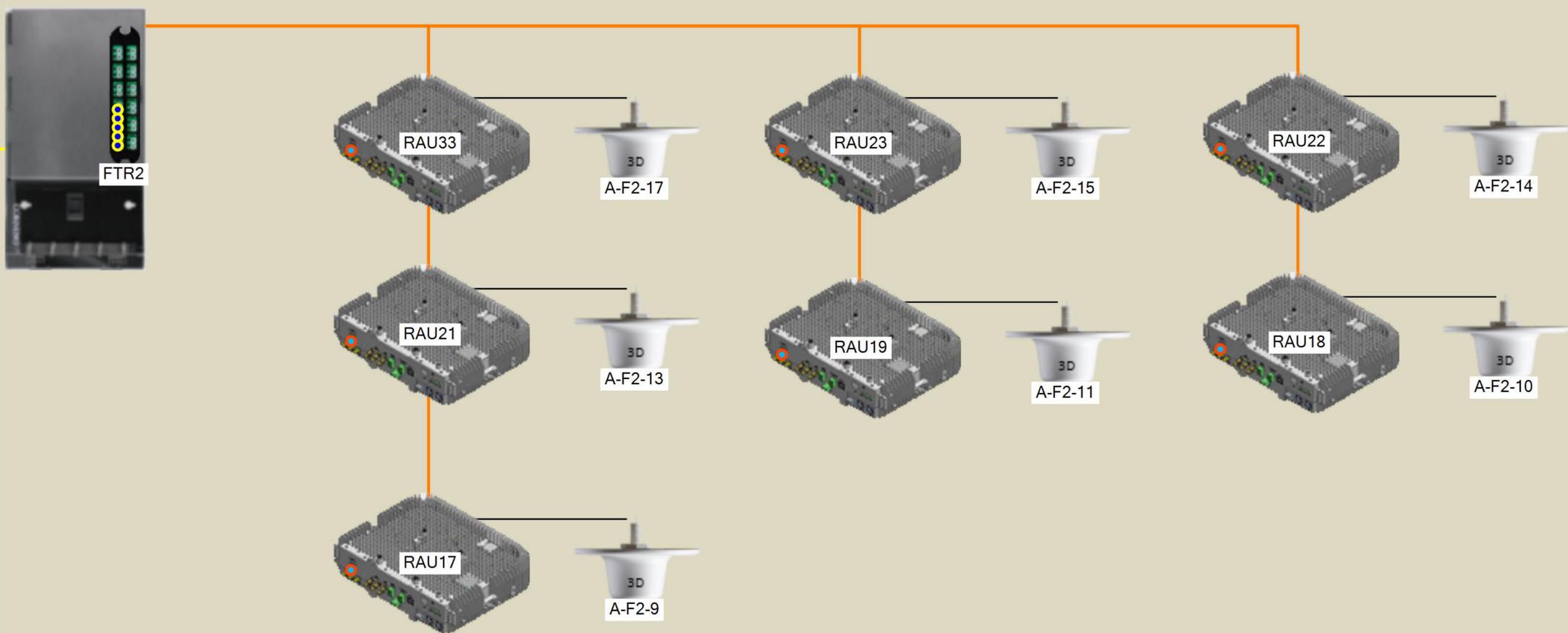
**Systems information legend**

- AT&T / 700 MHz - LTE / 1 Sectors
- AT&T / 850 MHz - Cellular - LTE / 1 Sectors
- AT&T / 1900 MHz - PCS - LTE / 1 Sectors
- AT&T / 2100 MHz - AWS - LTE / 1 Sectors
- Sprint / 1900 MHz - PCS - LTE / 1 Sectors
- Sprint / 2.6 GHz - LTE / 1 Sectors
- TMO / 1900 MHz - PCS - LTE / 1 Sectors
- TMO / 2100 MHz - AWS - LTE / 1 Sectors
- VZW / 700 MHz - LTE / 1 Sectors
- VZW / 850 MHz - Cellular - LTE / 1 Sectors
- VZW / 1900 MHz - PCS - LTE / 1 Sectors
- VZW / 2100 MHz - AWS - LTE / 1 Sectors

**Calculations legend**

- AT&T - 700 MHz - LTE
- AT&T - 850 MHz - Cellular - LTE
- AT&T - 1900 MHz - PCS - LTE
- AT&T - 2100 MHz - AWS - LTE
- Sprint - 1900 MHz - PCS - LTE
- Sprint - 2.6 GHz - LTE
- TMO - 1900 MHz - PCS - LTE
- TMO - 2100 MHz - AWS - LTE
- VZW - 700 MHz - LTE
- VZW - 850 MHz - Cellular - LTE
- VZW - 1900 MHz - PCS - LTE
- VZW - 2100 MHz - AWS - LTE

F2



**Cables legend**

- 024E81-33131-A1
- Dummy Jumper -Connect RIM - HEU, RAU - RXU
- Dummy OIM - OIU Jumperr
- ERFC16
- HR1818H4C06U8A3020F-PN
- HR1818H4C06U8A3050F-PN
- HR1818H4C06U8A3070F-PN
- HR1818H4C06U8A3080F-PN
- HR1818H4C06U8A3100F-PN
- HR1818H4C06U8A3110F-PN
- HR1818H4C06U8A3130F-PN
- HR1818H4C06U8A3140F-PN
- HR1818H4C06U8A3150F-PN
- HR1818H4C06U8A3190F-PN
- HR1818H4C06U8A3200F-PN
- HR1818H4C06U8A3210F-PN
- HR1818H4C06U8A3220F-PN
- HR1818H4C06U8A3250F-PN
- HR1818H4C06U8A3270F-PN
- HR1818H4C06U8A3280F-PN
- LC-APC Duplex Pigtail
- PTS1P-BTS FEEDER-5M-P
- PTS1P-QMHM-1M-P

**Revision history**

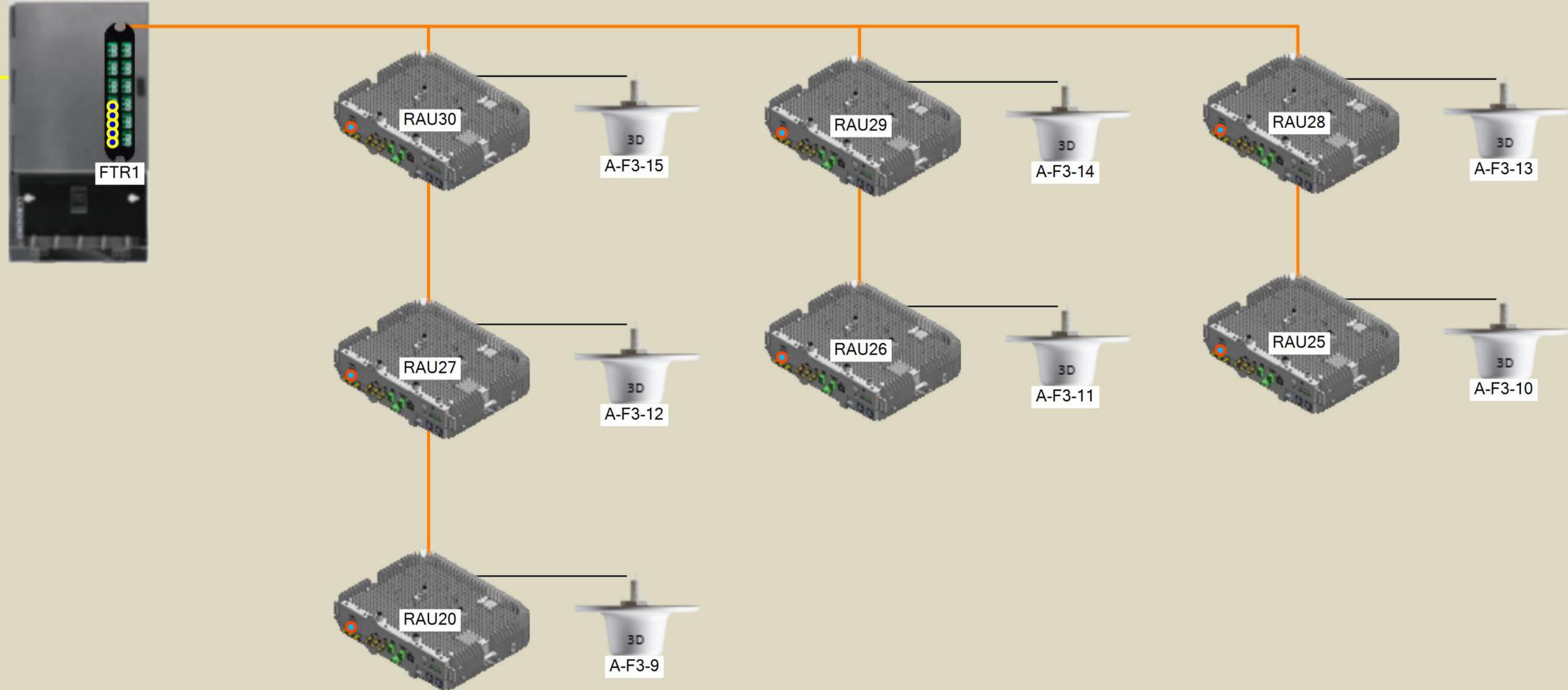
**Project name**  
Cherokee Nation Com

**Designer name**

**Plan name**  
Design plan

100 Bliss Ave  
Tahlequah, OK 74464  
Lat: 35.909992°  
Long: -94.950758°  
Elev: 910 Ft.

8/23/2019



Systems information legend
AT&T / 700 MHz - LTE / 1 Sectors
AT&T / 850 MHz - Cellular - LTE / 1 Sectors
AT&T / 1900 MHz - PCS - LTE / 1 Sectors
AT&T / 2100 MHz - AWS - LTE / 1 Sectors
Sprint / 1900 MHz - PCS - LTE / 1 Sectors
Sprint / 2.6 GHz - LTE / 1 Sectors
TMO / 1900 MHz - PCS - LTE / 1 Sectors
TMO / 2100 MHz - AWS - LTE / 1 Sectors
VZW / 700 MHz - LTE / 1 Sectors
VZW / 850 MHz - Cellular - LTE / 1 Sectors
VZW / 1900 MHz - PCS - LTE / 1 Sectors
VZW / 2100 MHz - AWS - LTE / 1 Sectors

Cables legend
024E81-33131-A1
Dummy Jumper -Connect RIM - HEU, RAU - RXU
Dummy OIM - OIU Jumperr
ERFC16
HR1818H4C06U8A3020F-PN
HR1818H4C06U8A3050F-PN
HR1818H4C06U8A3070F-PN
HR1818H4C06U8A3080F-PN
HR1818H4C06U8A3100F-PN
HR1818H4C06U8A3110F-PN
HR1818H4C06U8A3130F-PN
HR1818H4C06U8A3140F-PN
HR1818H4C06U8A3150F-PN
HR1818H4C06U8A3190F-PN
HR1818H4C06U8A3200F-PN
HR1818H4C06U8A3210F-PN
HR1818H4C06U8A3220F-PN
HR1818H4C06U8A3250F-PN
HR1818H4C06U8A3270F-PN
HR1818H4C06U8A3280F-PN
LC-APC Duplex Pigtail
PTS1P-BTS FEEDER-5M-P
PTS1P-QMHM-1M-P

Calculations legend
AT&T - 700 MHz - LTE
AT&T - 850 MHz - Cellular - LTE
AT&T - 1900 MHz - PCS - LTE
AT&T - 2100 MHz - AWS - LTE
Sprint - 1900 MHz - PCS - LTE
Sprint - 2.6 GHz - LTE
TMO - 1900 MHz - PCS - LTE
TMO - 2100 MHz - AWS - LTE
VZW - 700 MHz - LTE
VZW - 850 MHz - Cellular - LTE
VZW - 1900 MHz - PCS - LTE
VZW - 2100 MHz - AWS - LTE

Revision history

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Project name

Cherokee Nation Com

Designer name

Plan name

Design plan

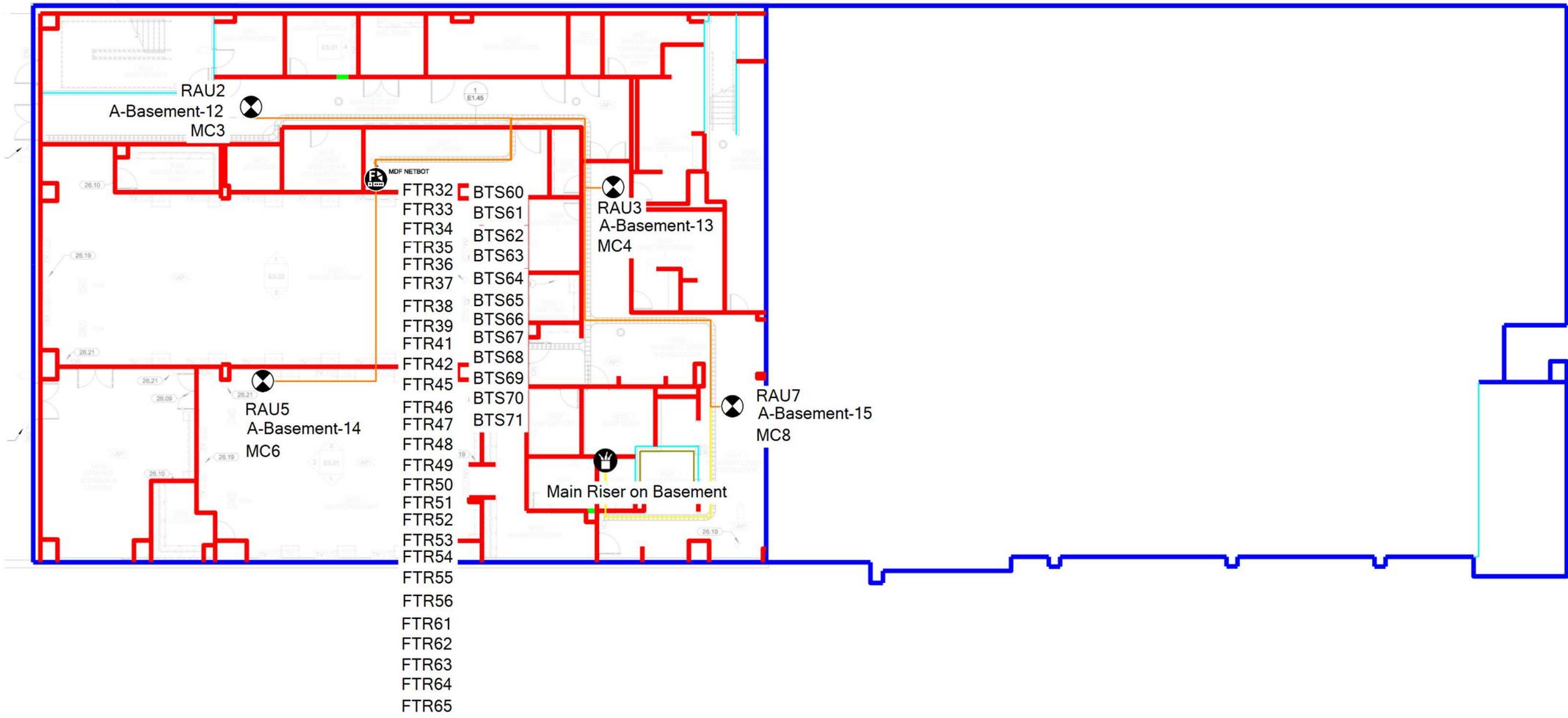
100 Bliss Ave  
 Tahlequah, OK 74464  
 Lat: 35.909992°  
 Long: -94.950758°  
 Elev: 910 Ft.

Materials legend	
	Concrete [Heavy] (Brown graveled)
	Concrete [Heavy] Gray
	Concrete [Heavy]
	Drywall (Textured)
	Elevator Bank Metal LL
	Plaster Board / Sheetrock [Heavy]
	Window Indoor LL
<hr/>	
	Concrete [Heavy]
	Elevator Bank Metal LL
	Plaster Board / Sheetrock [Heavy]

Cables legend	
	024E81-33131-A1
	Dummy Jumper -Connect RIM - HEU, RAU - RXU
	Dummy OIM - OIU Jumperr
	ERFC16
	HR1818H4C06U8A3070F-PN
	HR1818H4C06U8A3080F-PN
	HR1818H4C06U8A3100F-PN
	HR1818H4C06U8A3150F-PN
	LC-APC Duplex Pigtail
	PTS1P-BTS FEEDER-5M-P
	PTS1P-QMHH-1M-P

Pictograms legend	
	Antenna
	BTS
	Fiber BDA Hub
	Filter
	Media Converter
	Miscellaneous
	Riser

Indoor prediction legend	
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11,000 SF

50.00 ft



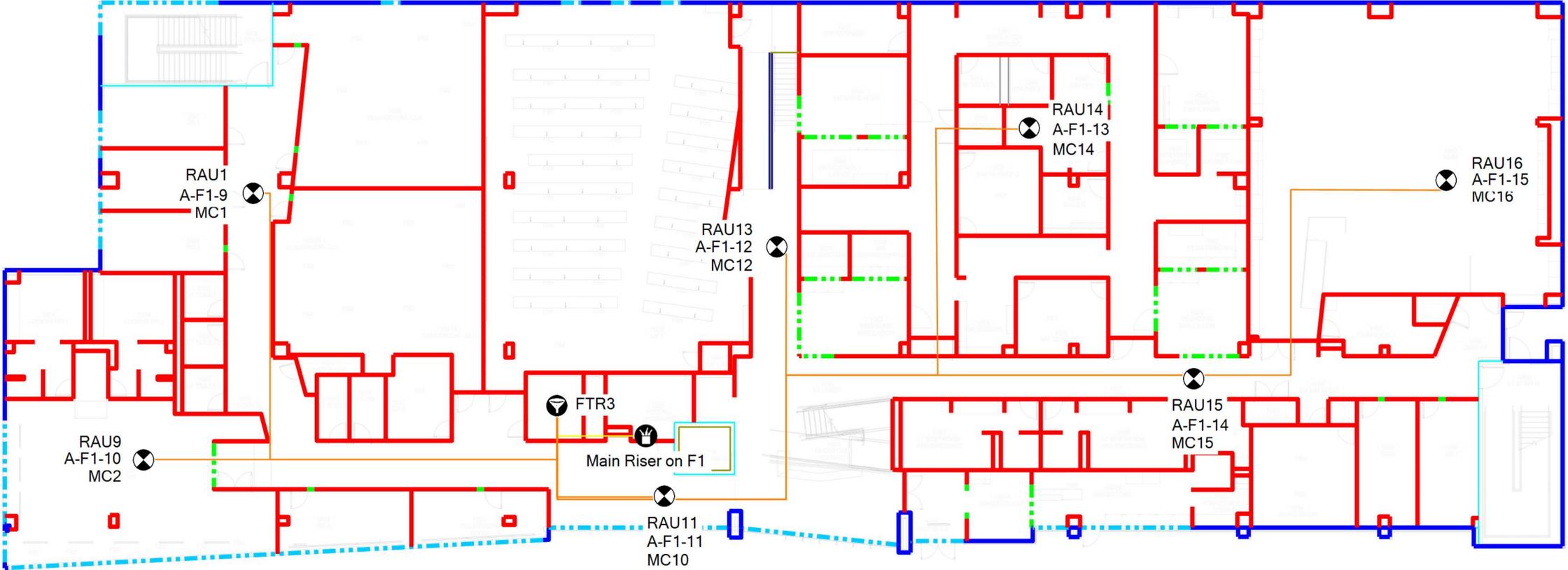
Title	Basement	Designer
Company	Cherokee Nation Com	Date
		8/23/2019

Materials legend	
	Black Railing NEW
	Concrete [Heavy] (Brown graveled)
	Concrete [Heavy] Gray
	Concrete [Heavy]
	Drywall (Textured)
	Elevator Bank Metal LL
	Glass Window
	Plaster Board / Sheetrock [Heavy]
	Window Indoor LL
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	Concrete [Heavy]
	Elevator Bank Metal LL
	Plaster Board / Sheetrock [Heavy]

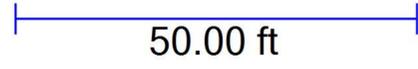
Cables legend	
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	Dummy Jumper -Connect RIM - HEU, RAU - RXU
	HR1818H4C06U8A3050F-PN
	HR1818H4C06U8A3110F-PN
	HR1818H4C06U8A3130F-PN
	HR1818H4C06U8A3140F-PN
	HR1818H4C06U8A3190F-PN
	HR1818H4C06U8A3210F-PN
	HR1818H4C06U8A3280F-PN
	PTS1P-QMHM-1M-P

Pictograms legend	
	Antenna
	Filter
	Media Converter
	Riser

Indoor prediction legend	
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24,500 SF



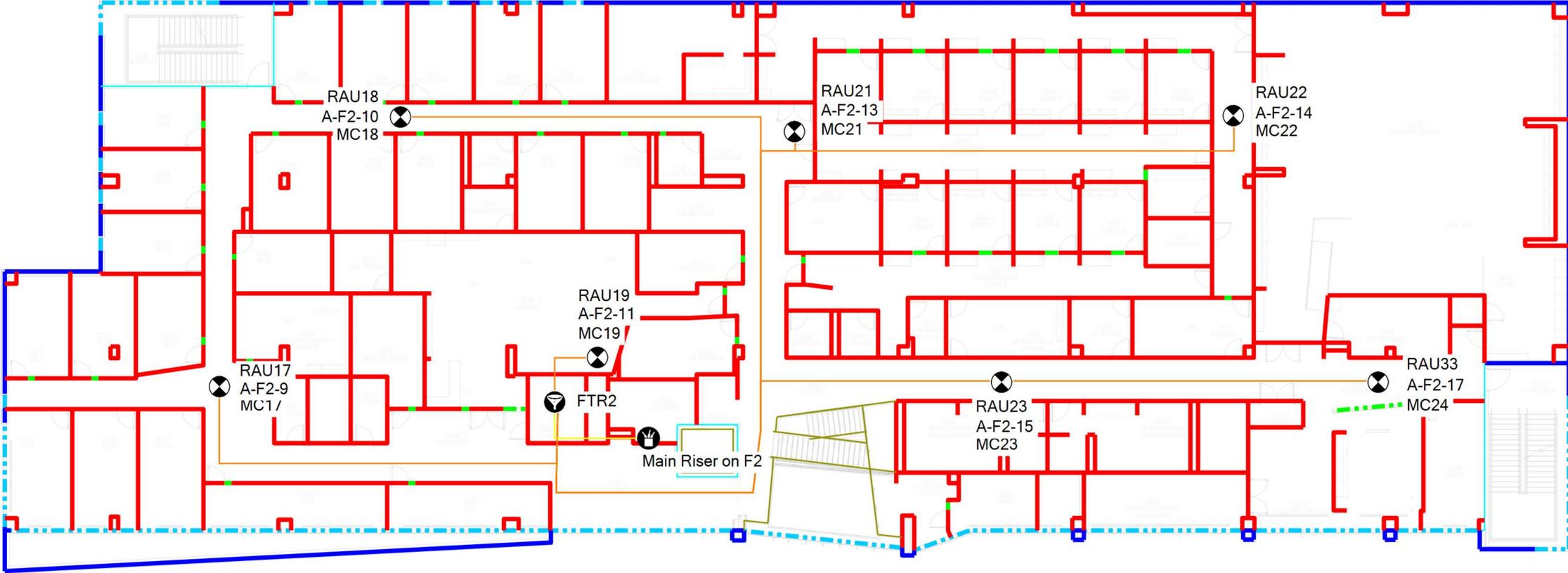
Title	F1	Designer
Company	Cherokee Nation Com	Date
		8/23/2019

Materials legend	
	Black Railing NEW
	Concrete [Heavy] (Brown graveled)
	Concrete [Heavy] Gray
	Concrete [Heavy]
	Drywall (Textured)
	Elevator Bank Metal LL
	Glass Window
	Window Indoor LL
<hr/>	
	Concrete [Heavy]
	Elevator Bank Metal LL
	Plaster Board / Sheetrock [Heavy]

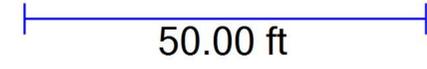
Cables legend	
	024E81-33131-A1
	Dummy Jumper -Connect RIM - HEU, RAU - RXU
	HR1818H4C06U8A3020F-PN
	HR1818H4C06U8A3110F-PN
	HR1818H4C06U8A3140F-PN
	HR1818H4C06U8A3150F-PN
	HR1818H4C06U8A3220F-PN
	HR1818H4C06U8A3250F-PN
	PTS1P-QMHM-1M-P

Pictograms legend	
	Antenna
	Filter
	Media Converter
	Riser

Indoor prediction legend	
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23,500 SF



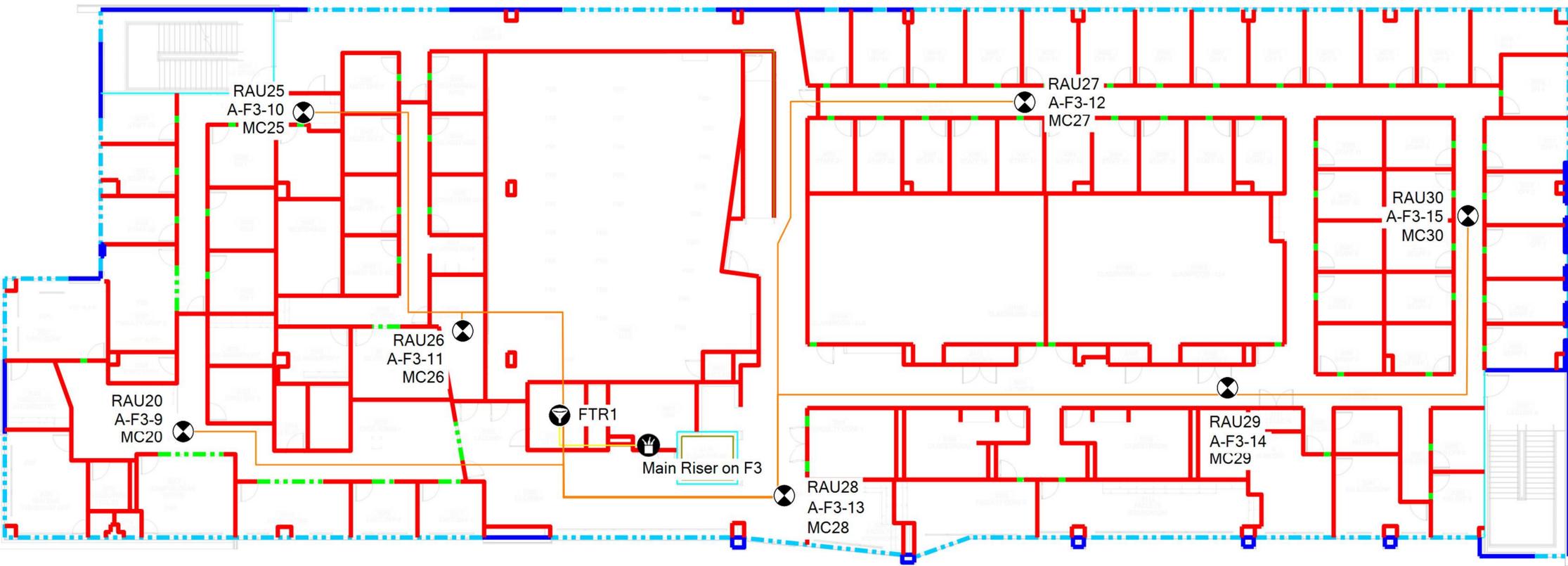
Title	F2	Designer
Company	Cherokee Nation Com	Date
		8/23/2019

Materials legend	
	Black Railing NEW
	Concrete [Heavy] (Brown graveled)
	Concrete [Heavy] Gray
	Concrete [Heavy]
	Drywall (Textured)
	Elevator Bank Metal LL
	Glass Window
	Window Indoor LL
	Concrete [Heavy] Gray
	Concrete [Heavy]
	Elevator Bank Metal LL
	Plaster Board / Sheetrock [Heavy]

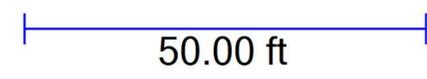
Cables legend	
	024E81-33131-A1
	Dummy Jumper -Connect RIM - HEU, RAU - RXU
	HR1818H4C06U8A3050F-PN
	HR1818H4C06U8A3070F-PN
	HR1818H4C06U8A3100F-PN
	HR1818H4C06U8A3130F-PN
	HR1818H4C06U8A3190F-PN
	HR1818H4C06U8A3200F-PN
	HR1818H4C06U8A3270F-PN
	PTS1P-QMHM-1M-P

Pictograms legend	
	Antenna
	Filter
	Media Converter
	Riser

Indoor prediction legend	
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24,000 SF



Title	F3	Designer
Company	Cherokee Nation Com	Date
		8/23/2019