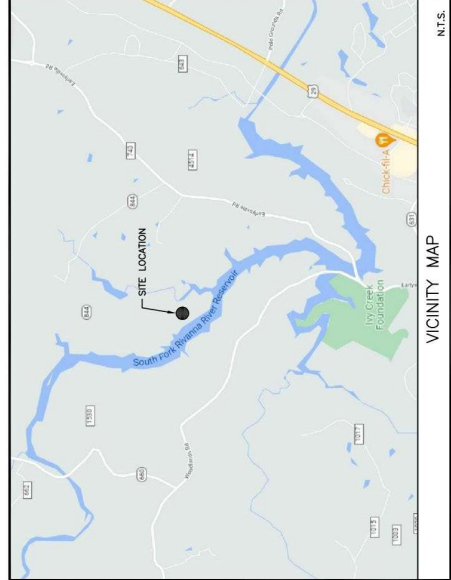
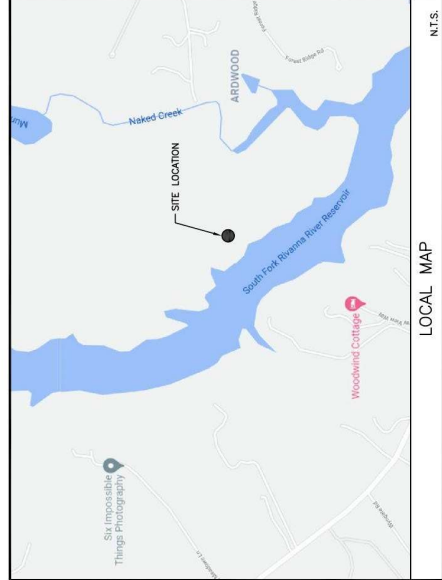




**DIRECTIONS**

DIRECTIONS FROM GOODIES BRIDGE SWITCH (2511 GOODIES BRIDGE RD., RICHMOND, VA 23224):  
 HEAD NORTH ON GOODIES BRIDGE RD TOWARD ELK RD 0.4 MI. TURN RIGHT ONTO US-290 FOR 0.2 MI. USE THE RIGHT TURN LANE TO TURN RIGHT ONTO STATE RTE 844 FOR 0.3 MI. TURN LEFT ONTO ACCESS ROAD. CONTINUE ONTO N PARHAM RD FOR 4.1 MI. TURN LEFT TO MERGE ONTO I-64 W FOR 56.8 MI. TAKE EXIT 124 FOR US-290 TOWARD CHARLOTTESVILLE/SHADWELL. TURN RIGHT ONTO US-290 W FOR 4.2 MI. TURN RIGHT ONTO STATE RTE 844 FOR 0.3 MI. TURN LEFT TO STAY ON STATE RTE 844 FOR 0.3 MI. TURN LEFT ONTO ACCESS ROAD.



# CEDAR BLUFF

## 300 PANORAMA ROAD EARLYSVILLE, VA 22936

E911 ADDRESS YES  NO

PROJECT DESCRIPTION  
 INSTALLATION AND OPERATION OF ANTENNAS AND ASSOCIATED EQUIPMENT IN AN EXISTING WIRELESS COMPOUND

**EMERGENCY INFO:**

**JURISDICTION:** COUNTY: ALBEMARLE  
**PHONE:** 434.973.2862  
**LOCAL POLICE:** 434.977.9041

**2 WORKING DAYS BEFORE YOU DIG**

**811 TOLL FREE MISS UTILITY**

**PROJECT TEAM**

REAL ESTATE: NIKKI MONROE  
 CONSTRUCTION: JON KIRBY

PHONE NUMBER: 704.652.2105  
 PHONE NUMBER: 540.280.9630

REV. NO.	DESCRIPTION	BY	DATE	REV. NO.	DESCRIPTION	BY	DATE
0	FOR CONSTRUCTION	BAR	10/26/21				
1	PER COMMENTS	JEC	04/14/22				

**A & E CONSULTING TEAM**

ARCHITECTURE AND ENGINEERING:  
 A&E CONSULTING TEAM  
 4805 LAKE BROOK DRIVE, SUITE 200  
 GLEN ALLEN, VA 23060  
 PHONE # 804.205.3348  
 CONTACT: HILARY SIGALL, P.E.  
 PHONE # 804.205.3353  
 CONTACT: BRAD ROSE, SENIOR PROJECT MANAGER

**PROJECT SUMMARY**

PROPERTY OWNER:  
 PANORAMA TOWERS INC.  
 EARLYSVILLE VA, 22936

PROJECT INFO:  
 CONSTRUCTION OF CEDAR BLUFF TOWER PROJECT ID: 16343907

APPLICANT INFO:  
 VERIZON WIRELESS  
 1915 W. MAIN ST.  
 RICHMOND, VA 23222  
 PHONE: 804.506.0275  
 CONTACT: BROCK SMITH

PROJECT DATA:  
 DRAWING NO: 00-00-00100  
 DB: 785, PG: 327  
 DATE: 04/14/22  
 JURISDICTION: ALBEMARLE COUNTY  
 SITE TYPE: EMBEDDED BASE UPGRADE  
 TOWER HEIGHT: 108'  
 OVERALL HEIGHT: 108'

**COORDINATES:**  
 CENTER OF EXISTING TOWER:  
 NAD 83 UTM ZONE 18Q  
 EASTING: 787 291 431.52' W  
 NORTHING: 55 810 413.52' N  
 ELEVATION: 490' AMSL  
 \*PER 875, 876, 877, 878 DATED AUGUST 05, 2021 AND GOOGLE EARTH

**NOTES:**  
 THIS DOCUMENT WAS DEVELOPED TO REFLECT A SPECIFIC SITE AND ITS ASSOCIATED CONDITIONS. IT IS NOT TO BE USED FOR ANY OTHER SITE OR OTHER CONDITIONS. PREPARE, REUSE OF THIS DOCUMENT IS AT THE USER'S RISK OF THE USER.  
 A.D.A. COMPLIANCE:  
 THIS FACILITY IS UNMANNED AND NOT FOR HUMAN HABITATION.



**CEDAR BLUFF**

**CONSTRUCTION DRAWINGS**

NO.	DATE	PER COMMENTS
1	04/14/22	FOR CONSTRUCTION
0	10/26/21	FOR CONSTRUCTION



DRAWN BY: JEC  
 CHECKED BY: BAE  
 REVIEWED BY: NWS  
 PROJECT NUMBER: 50135037  
 SITE ADDRESS: 300 PANORAMA ROAD EARLYSVILLE, VA 22936

SHEET TITLE  
 TITLE SHEET  
 SHEET NUMBER  
 T-1



**CEDAR BLUFF**

CONSTRUCTION DRAWINGS

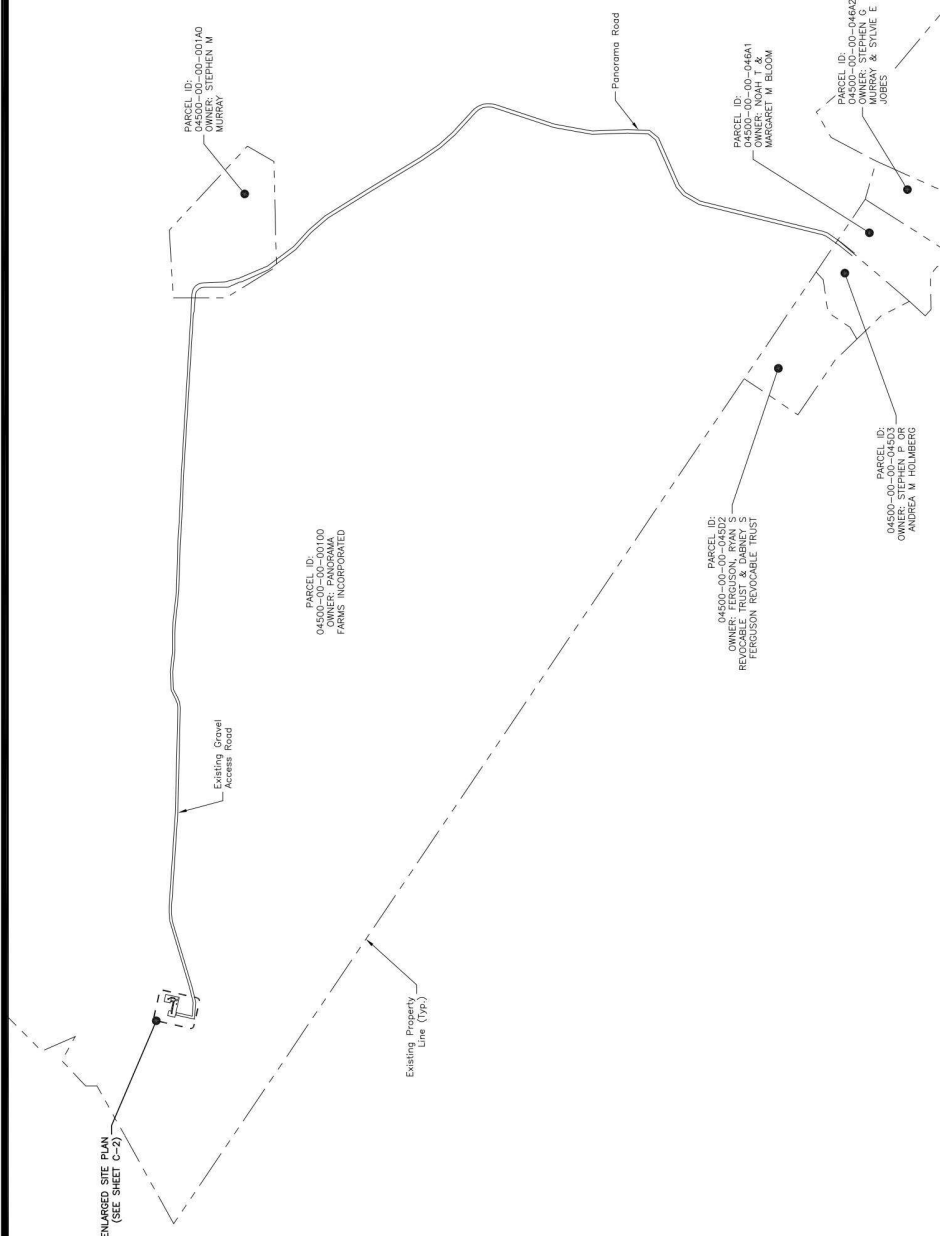
NO.	DATE	DESCRIPTION
1	04/14/22	PER COMMENTS
0	10/26/21	FOR CONSTRUCTION

**Dewberry**  
 Dewberry Engineers Inc.  
 4805 Lakes Drive, Suite 200  
 Fairfax, VA 22033  
 Phone: (703) 293-3907  
 Fax: (703) 293-3908  
 www.dewberry.com



DRAWN BY: JEC  
 REVIEWED BY: BAK  
 CHECKED BY: HSS  
 PROJECT NUMBER: 5013037  
 SITE ADDRESS:  
 300 PANORAMA ROAD  
 EARLYSVILLE, VA 22936  
 SHEET TITLE

SITE PLAN  
 SHEET NUMBER  
 C-1



- NOTES:**
- SOME EXISTING & PROPOSED INFORMATION NOT SHOWN FOR EXISTING CONDITIONS BASED ON CONSTRUCTION DRAWINGS PERFORMED BY THOMPSON & LITTON DATED 09/09/12.
  - PROPERTY, EXISTING PROPERTY LINES PROVIDED BY ALBEMARLE COUNTY GEOLOGICAL SURVEY.
  - C.L. = CENTER LINE
  - ANTENNA EQUIPMENT, & EXEMPTS SUBJECT TO CHANGE. USE WEATHER TIGHT CONNECTIONS FOR ALL CONDUITS.
  - ALL CONDUITS AND COAX CABLES SHOULD BE SECURELY BURIED TO A MINIMUM OF 18" BELOW FINISH GRADE.
  - ALARM CONDUIT MUST END WITHIN 6" OF FIRE PORT.
  - CONTRACTOR SHALL COORDINATE ANTENNA AZIMUTHS WITH RF WORKSHEET.

**CEDAR BLUFF**

CONSTRUCTION DRAWINGS

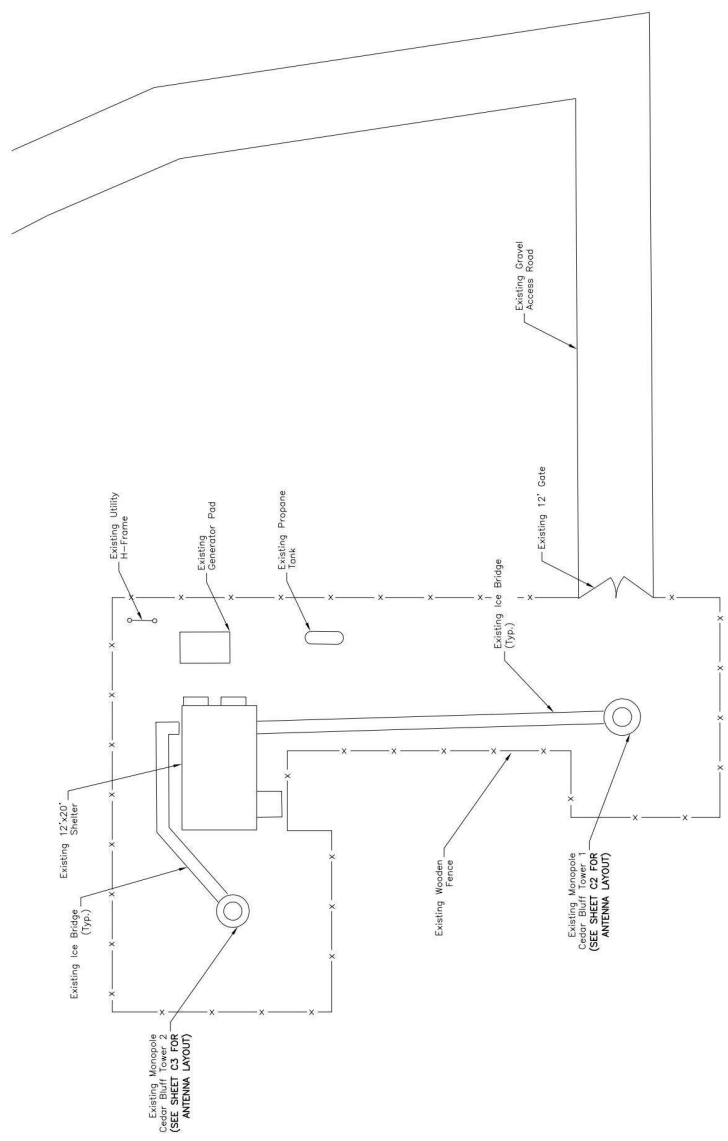
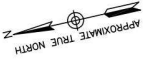
NO.	DATE	DESCRIPTION
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0	10/26/21	FOR CONSTRUCTION

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DRAWN BY: JEC  
 REVIEWED BY: BAE  
 CHECKED BY: HSS  
 PROJECT NUMBER: 50135037  
 SITE ADDRESS:  
 300 PANORAMA ROAD  
 EARLYSVILLE, VA 22936

SHEET TITLE  
 ENLARGED  
 SITE PLAN  
 SHEET NUMBER  
 C-2



- NOTES:**
- SOME EXISTING & PROPOSED INFORMATION NOT SHOWN FOR EXISTING CONDITIONS BASED ON CONSTRUCTION DRAWINGS DATED 09/09/12.
  - EXISTING CONDITIONS BASED ON CONSTRUCTION DRAWINGS DATED 09/09/12.
  - ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH ALL APPLICABLE LOCAL, STATE, AND FEDERAL REGULATIONS AND ORDINANCES.
  - ALL CONDUITS AND COAX CABLES SHOULD BE SECURELY AND PROPERLY SECURED TO PREVENT DAMAGE TO THE CONDUITS AND CABLES.
  - ALL CONDUITS AND COAX CABLES SHOULD BE SECURELY AND PROPERLY SECURED TO PREVENT DAMAGE TO THE CONDUITS AND CABLES.
  - ALL CONDUITS AND COAX CABLES SHOULD BE SECURELY AND PROPERLY SECURED TO PREVENT DAMAGE TO THE CONDUITS AND CABLES.
  - CONTRACTOR SHALL COORDINATE ANTENNA AZIMUTHS WITH RF WORKSHEET.





VERIZON WIRELESS  
1831 RADY COURT  
RICHMOND, VA 23222

**CEDAR BLUFF**

CONSTRUCTION DRAWINGS	
1	04/14/22 PER COMMENTS
0	10/26/21 FOR CONSTRUCTION



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Richmond, VA 23234  
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www.dewberry.com



DRAWN BY:	JEC
REVIEWED BY:	BAE
CHECKED BY:	WIS
PROJECT NUMBER:	50135037
SITE ADDRESS:	300 PANORAMA ROAD EARLYSVILLE, VA 22936

SHEET TITLE  
EXISTING & PROPOSED  
ELEVATION

SHEET NUMBER  
C-3

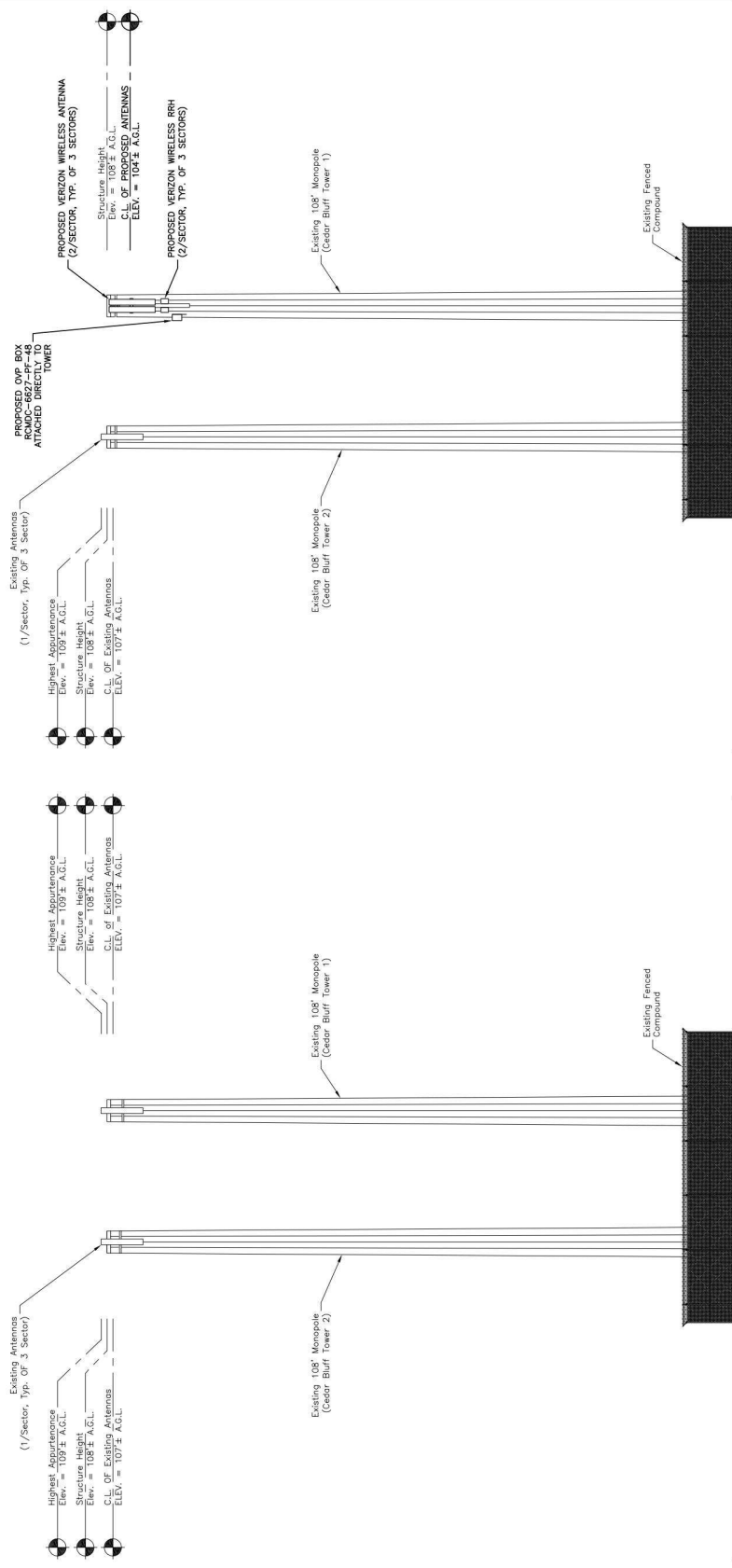
- ZONING NOTES:**
- THE PROPOSED ANTENNAS, REMOTE RADIO HEADS WILL BE PAINTED THE COUNTY APPROVED COLOR (SHERWIN WILLIAMS JAWA NEW ANTENNAS IN THE HIGHEST ARRAY WILL BE INSTALLED USING A MODIFIED FLUSH-DESIGN WITH LOW-PROFILE MOUNTING BRACKETS. THE ANTENNAS SHALL BE MORE THAN 18 INCHES FROM THE FACE OF THE MONOPOLE STRUCTURE.
  - PROPOSED ANTENNAS: COMSCOPE NHH-65-RB8 & DIMENSIONS: 47.4" (H) X 11.2" (W) X 5.0" (D). (C) ANTENNAS TO BE MOUNTED VERTICALLY INSIDE THE MONOPOLE STRUCTURE. THESE WILL BE NO CHANGE TO THE EXISTING TOP HEIGHT OF THE TOWER ON THIS LOTTING ROW AS A RESULT OF THESE UPGRADES.

**LEGEND**

A.G.L.	- ABOVE GROUND LEVEL
C.L.	- CENTER LINE

**LEGEND**

A.G.L.	- ABOVE GROUND LEVEL
C.L.	- CENTER LINE



**EXISTING ELEVATION 1**  
SCALE: 1"=20' FOR 11x17  
1"=10' FOR 22x34

0' 10' 20'

**PROPOSED ELEVATION 2**  
SCALE: 1"=20' FOR 11x17  
1"=10' FOR 22x34

0' 10' 20'

**CEDAR BLUFF**

**CONSTRUCTION DRAWINGS**

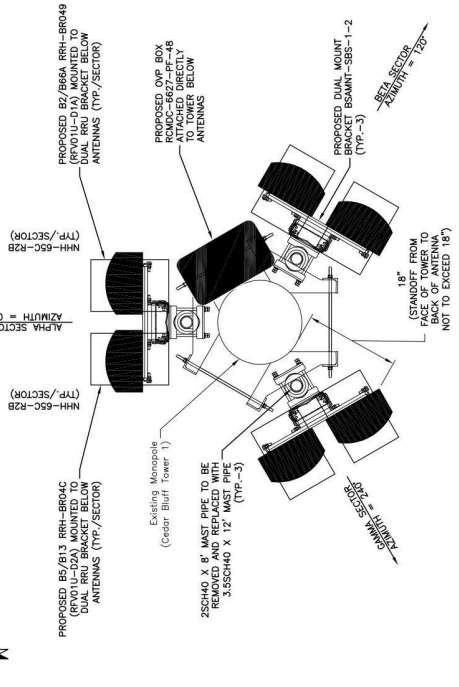
1	04/14/21	PER COMMENTS
0	10/26/21	FOR CONSTRUCTION

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14021 Lake Brook Drive, Suite 200  
Richmond, VA 23238  
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www.dewberry.com



DRAWN BY:	JEC
REVIEWED BY:	BAE
CHECKED BY:	WSS
PROJECT NUMBER:	50135037
SITE ADDRESS:	300 PANORAMA ROAD EARLYSVILLE, VA 22936
SHEET TITLE:	CEDAR BLUFF TOWER 1 ANTENNA CONFIGURATION
SHEET NUMBER:	C-4

- ZONING NOTES:**
- THE PROPOSED ANTENNAS REMOTE RADIO HEADS WILL BE COUNTY APPROVED COLOR (SHERRIN WILLIAMS JAWA BROWN #B00)
  - NEW ANTENNAS IN THE HIGHEST ARRAY WILL BE INSTALLED ON BRACKETS SO THAT NO POINT ON THE BACK OF THE ANTENNAS MONOPOLE AS DETAILED IN THE ANTENNA PLAN VIEW PROVIDED ON SHEET C2.
  - EXISTING ANTENNAS: COMSCORE NHH-65-R28 & DIMENSIONS: 92" (H) X 11.9" (W) X 7.1" (D)
  - EXISTING ANTENNAS: BXA-70063-4CF & DIMENSIONS: 47.4" (H) X 11.9" (W) X 7.1" (D)
  - ANTENNAS WILL BE CONNECTED TO EXISTING CABLES THAT RUN FROM THE TOWER TO THE ANTENNAS. THE EXISTING TOP HEIGHT OF THE TOWER OR ITS LIGHTING ROD AS A RESULT OF THESE UPGRADES



**PROPOSED ANTENNA MOUNT DETAIL 2**  
N.T.S.

NOTES: CONTRACTOR SHALL POSITION ANTENNAS TO MAXIMIZE SEPARATION.

**EXISTING ANTENNA MOUNT DETAIL 1**  
N.T.S.

NOTES: EXISTING AND PROPOSED EQUIPMENT BASED ON MOUNT ANALYSIS PERFORMED BY DEWBERRY ENGINEERS. ALL DIMENSIONS AND WEIGHTS PROVIDED BY VERIZON WIRELESS DATED 08/05/21.

**TOWER 1 EQUIPMENT SCHEDULE**

EXISTING		PROPOSED		FINAL			
QTY	RAD C/L	ANTENNA MODEL #	RAD C/L	ANTENNA MODEL #	QTY	RAD C/L	ANTENNA MODEL #
3	107'-0"	BXA-70063-4CF (TO BE REMOVED)	104'-0"	NHH-65C-R2B	6	104'-0"	NHH-65C-R2B
3	107'-0"	NOKIA RRH (TO BE REMOVED FROM SHELTER) Class Cobble (TO BE REMOVED)	104'-0"	BZ/B66A RRH-BR049 (RFV01U-D1A)	3	104'-0"	BZ/B66A RRH-BR049 (RFV01U-D1A)
12	107'-0"		104'-0"	B5/B13 RRH-BR04C (RFV01U-D2A)	3	104'-0"	B5/B13 RRH-BR04C (RFV01U-D2A)
			104'-0"	OVP BOX ROMOC-6627-PF-48	1	104'-0"	OVP BOX ROMOC-6627-PF-48
			104'-0"	HYBRID CABLE	1	104'-0"	HYBRID CABLE

- NOTES:**
- SOME EXISTING & PROPOSED INFORMATION NOT SHOWN FOR CLARITY.
  - C.L. - ABOVE GROUND LEVEL  
C.L. - CENTER LINE
  - ANTENNA EQUIPMENT & EXCISEMENTS SUBJECT TO CHANGE.
  - USE WEATHER TIGHT CONNECTIONS FOR ALL CONDUITS.
  - ALL CONDUITS AND COAX CABLES SHOULD BE SECURELY FASTENED TO THE ICE BRIDGE, WAREHOUSE AND MOUNT.
  - CONTRACTOR SHALL COORDINATE ANTENNA AZIMUTHS WITH RF WORKSHEET

**CEDAR BLUFF**

CONSTRUCTION DRAWINGS

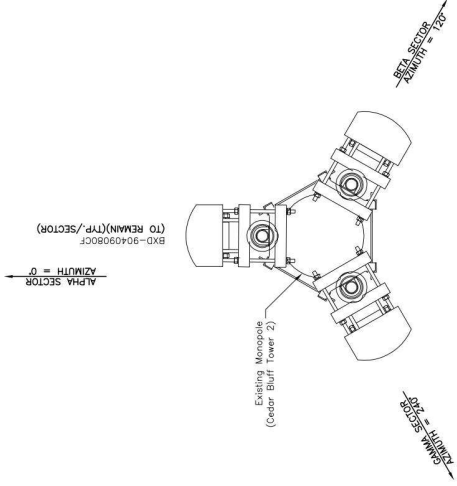
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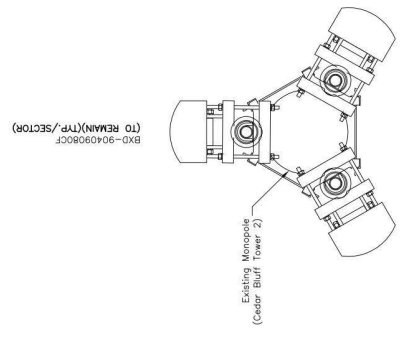
DRAWN BY: JEC  
 REVIEWED BY: BAE  
 CHECKED BY: HSS  
 PROJECT NUMBER: 5013037  
 SITE ADDRESS:  
 300 PANORAMA ROAD  
 EARLYSVILLE, VA 22936

SHEET TITLE  
 CEDAR BLUFF TOWER 2  
 ANTENNA CONFIGURATION  
 SHEET NUMBER



**EXISTING ANTENNA MOUNT DETAIL 1**  
 N.T.S.

NOTES: EXISTING AND PROPOSED EQUIPMENT BASED ON MOBILE ANALYSIS PERFORMED BY DEWBERRY ENGINEERS ON 08/07/20. ANTENNA CONFIGURATION PROVIDED BY VERIZON WIRELESS DATED 08/05/21.



**PROPOSED ANTENNA MOUNT DETAIL 2**  
 N.T.S.

**TOWER 2 EQUIPMENT SCHEDULE**

EXISTING		PROPOSED		FINAL	
QTY	RAD C/L ANTENNA MODEL #	QTY	RAD C/L ANTENNA MODEL #	QTY	RAD C/L ANTENNA MODEL #
3	107'-0" BXD-9040980CF (TO REMAIN)			3	107'-0" BXD-9040980CF (TO REMAIN)
6	107'-0" Coax Cables (TO REMAIN)			6	107'-0" Coax Cables (TO REMAIN)

**CEDAR BLUFF COMBINED EQUIPMENT SCHEDULE**

EXISTING		PROPOSED		FINAL	
QTY	RAD C/L ANTENNA MODEL #	QTY	RAD C/L ANTENNA MODEL #	QTY	RAD C/L ANTENNA MODEL #
3	107'-0" BXA-70663-4CF (TO BE REMOVED)	6	104'-0" NHH-65C-R2B	6	104'-0" NHH-65C-R2B
3	107'-0" NOKIA SRH (TO BE REMOVED FROM SHELTER)	3	104'-0" B2/B6A RRH-BRC49 (RFV01U-01A)	3	B2/B6A RRH-BRC49 (RFV01U-01A)
12	107'-0" Coax Cables (TO BE REMOVED)	3	104'-0" B5/B13 RRH-BRC4C (RFV01U-02A)	3	B5/B13 RRH-BRC4C (RFV01U-02A)
3	107'-0" BXD-9040980CF (TO REMAIN)	1	104'-0" OVP BOX RCMDC-6627-PF-48	1	OVP BOX RCMDC-6627-PF-48
6	107'-0" Coax Cables (TO REMAIN)	1	104'-0" HYBRID CABLE	1	HYBRID CABLE
		3	107'-0" BXD-9040980CF (TO REMAIN)	3	BXO-9040980CF (TO REMAIN)
		6	107'-0" Coax Cables (TO REMAIN)	6	107'-0" Coax Cables (TO REMAIN)

- NOTES:
- SOME EXISTING & PROPOSED INFORMATION NOT SHOWN FOR CLARITY.
  - CL - ABOVE GROUND LEVEL  
 C.L. - CENTER LINE
  - ANTENNA EQUIPMENT & EXEMPTS SUBJECT TO CHANGE. USE WEATHER TIGHT CONNECTIONS FOR ALL CONDUITS.
  - ALL CONDUITS AND COAX CABLES SHOULD BE SECURELY FASTENED TO THE ICE BRIDGE, WAGGON AND MOUNT.
  - CONTRACTOR SHALL COORDINATE ANTENNA AZIMUTHS WITH RF WORKSHEET