

### Attachment A

## TCG BARNESVILLE

### FINAL FOREST CONSERVATION PLAN 22900 OLD HUNDRED ROAD, BARNESVILLE, MD 20838

### SHEET INDEX

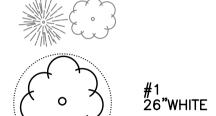
L-1.0 FINAL FOREST CONSERVATION PLAN- OVERALL PROPERTY

L-1.1 FINAL FOREST CONSERVATION PLAN- APPROVAL SHEET

L-1.2 FINAL FOREST CONSERVATION PLAN- STUDY AREA

L-1.3 FINAL FOREST CONSERVATION PLAN - NOTES AND DETAILS

#### **LEGEND**



EXISTING TREE ≤24"



EXISTING SPECIMEN TREE >30"DBH WITH TAG NUMBER AND CRZ

EXISTING TREE TO BE REMOVED

LIMITS OF SURVEY

PROPOSED CONTOUR EX. CONTOUR

PROPERTY BOUNDARY

— · · — EXISTING STREAM

——SB———SB———SB—— STREAM BUFFER



FOREST BOUNDARY STEEP SLOPES

AREA OFCONDITIONAL USE/ LIMIT OF DISTURBANCE

2B GLENELG 6A BAILE

SOIL BOUNDARY

HYDROLOGIC SOIL TYPE

PROPOSED LANDSCAPE INFILTRATION

Exhibit 21(a)

OZAH Case NO: CU 24-17

TREE PROTECTION FENCE

	SHEET INDEX
CUEET #	
SHEET#	<u>DESCRIPTION</u>
L-1.0	FINAL FOREST CONSERVATION PLAN
L-1.1	FINAL FOREST CONSERVATION PLAN- APPROVAL SHEET
L-1.2	FINAL FOREST CONSERVATION PLAN
L-1.3	FINAL FOREST CONSERVATION PLAN - NOTES AND DETAILS

### SOIL TABLE

JOIL IADLL			-			
SOILS	HIGHLY ERODIBLE	HYDRIC	CONTAINS 15-25% SLOPES	CONTAINS > 25% SLOPES	CAPABILITY SUBCLASS SYMBOL	PRIME AGRICULTURAL SOIL
6A BAILE SILT LOAM 0-3% SLOPES	NO	YES	N/A	ı	Vw	NO
9C LINGANORE CHANNERY SILT LOAM 8-15% SLOPES	YES	NO	NOT IN STUDY	1	IVe	NO
16B BRINKLOW-BLOCKTOWN SILT LOAM 3-8% SLOPES	NO	NO	N/A	YES	lle	NO
16C BRINKLOW-BLOCKTOWN SILT LOAM 8-15% SLOPES	YES	NO	NOT IN STUDY	-	llle	NO

CERTIFICATION OF QUALIFIED PROFESSIONAL I HEREBY CERTIFY THAT THE PLAN SHOWN HEREON HAS BEEN PREPARED IN ACCORDANCE WITH MARYLAND STATE, MNCP&PC AND MONTGOMERY COUNTY FOREST CONSERVATION LAWS.

GRAPHIC SCALE

( IN FEET ) 1 inch = 200 ft.

04.22.2024

MICHAEL A. NORTON MDNR / COMAR 08.19.06.01 QUALIFIED PROFESSIONAL

### DEVELOPER'S CERTIFICATE The Undersigned agrees to execute all the features of the Approved Final Forest Conservation Plan No. F20240500 including, financial bonding, Conservation Plan No. F20240500 including, financial bonding, forest planting, maintenance, and all other applicable agreements. Telecom Capital Group Developer's Name: Contact Person or Owner: Mark Fisher 6150 Sheridan Point Road, Prince Frederick MD 20678 Phone and Email:

STUDY AREA FOR CONDITIONAL USE

#### **GENERAL NOTES**

- 1. THIS PROPERTY IS ZONED AGRICULTURE. 2. THE TAX IDENTIFICATION NUMBER ASSOCIATED WITH THIS PLAN IS: 00916938 3. PROPERTY OWNER OF ENTIRE PARCEL: RONALD AND JUANIATA BRELAND, 22900 OLD HUNDRED ROAD, BARNESVILLE, MD 20838
- OWNER OF CONDITIONAL USE AREA: TELECOM CAPITAL GROUP, C/O MARK
- 4. THE TOTAL TRACT AREA IS 40.98 ACRES.
- 5. SITE FIELD WORK WAS PERFORMED BY MICHAEL NORTON, NORTON LAND DESIGN LLC FOR NRI 420231450 APPROVED 07/10/2023.
- 6. THIS PROPERTY IS NOT WITHIN AN SPA OR PMA.
- 7. THIS PROPERTY LIES WITHIN LITTLE MONOCACY, USE I,P. 8. ACCORDING TO FEMA FLOODPLAIN GRID 24031C0151D THERE IS NO
- FLOODPLAIN PRESENT WITHIN THE PROJECT AREA. 9. ACCORDING TO US FISH & WILDLIFE SERVICE'S WETLAND MAPPER, AND PER
- FIELD INVESTIGATION, NO THERE ARE NO WETLANDS WITHIN THE PROJECT
- 10. 1' TOPOGRAPHY WAS PROVIDED BY TELECOM CAPITAL GROUP.
- 11. THERE IS NO PRIME AGRICULTURAL SOIL ON THE PROPERTY, (SEE SOIL
- 12. ALL TREES 24" AND GREATER WITHIN THE PROJECT AREA ARE SURVEY LOCATED AND MEASURED WITH A FORESTERS DIAMETER TAPE MEASURE
- 13. ALL TREES 24" AND GREATER WITHIN 100' OF THE PROJECT AREA ARE LOCATED AND MEASURED BY OCCULAR ESTIMATE ONLY
- 14. NO RARE, THREATENED OR ENDANGERED SPECIES WERE OBSERVED ON OR OFFSITE AT THE TIME OF THE FIELD INVESTIGATION. MD DNR HAS BEEN
- NOTIFIED OF THIS PROJECT AND THEIR RESPONSE IS INCLUDED 15. NO TREES OCCUR WITHIN THE STUDY AREA WHICH ARE RECOGNIZED AS
- AGRICULTURAL RESERVE. THE PROPERTY TO THE WEST IS ON THE
- LOCATIONAL ATLAS INDIVIDUAL SITES WARD HOUSE. 17. ELECTION DISTRICT 11.

FINAL FOREST CONSERVATION PLAN MNCPPC F20240500

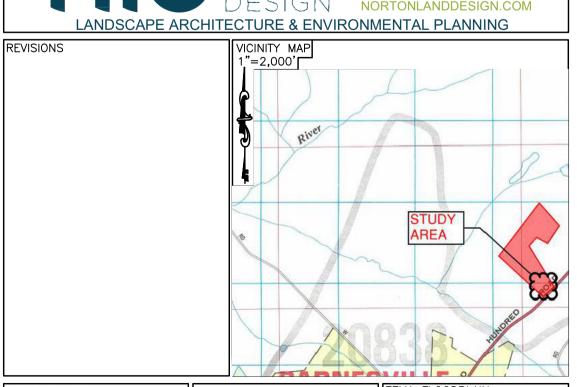
TCG BARNESVILLE 22900 OLD HUNDRED ROAD BARNESVILLE, MD 20838 PARCEL 653 L.56877/F.0441 ELECTION DISTRICT 11

PREPARED FOR

TELECOM CAPITAL GROUP C/O MARK FISHER TOWERS@RCN.COM



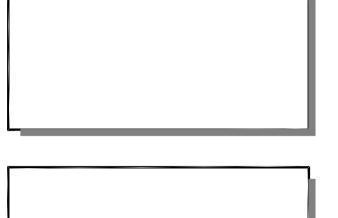
ELLICOTT CITY, MD 21042



WATER CLASS	1	WATERSHED	FEMA FLOODPLAIN MAP PANEL #
RIBUTARY (	JNNAMED	LITTLE MONOCACY	24031C0151D
TAX MAP	DW121	<sup>200</sup> SHEET <b>232NW17</b>	ADC MAP 7 GRID K5

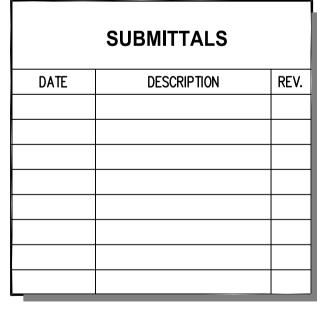
K:\\_Library\\_General\Logos\Telecom Capitol Group.png





TCG BARNESVILLE SITE 22900 OLD HUNDRED ROAD BARNESVILLE, MD 20838

SEAL:	
	l
	l



PROJECT NO:	1163.001	
DESIGNER:		
ENGINEER:		
THESE DRAWIN TO BE FULL SCALE AS SHO	-SIZE AT 22"	'X34"
TITLE:		

**FINAL FOREST CONSERVATION PLAN** MNCPPC F20240500

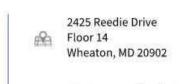
SHEET NUMBER:

L-1.0



### APPROVAL PAGE





## MontgomeryPlanning.org

May 20, 2024

Mark Fisher Telecom Capital Group 6150 Sheridan Point Road Prince Frederick, Maryland 20678

Re: Final Forest Conservation Plan
Property Name: TCG Barnesville
Plan Number: F20240500
Tract Size/Land Use Category: 40.98 acres/ARA

Dear Mr. Fisher:

On March 20, 2024, Mark Fisher ("Applicant") filed an application for approval of a Final Forest Conservation Plan on approximately 40.98 acres of land located at 22900 Old Hundred Road, Barnesville, MD 20838 ("Subject Property"), Final Forest Conservation Plan No. F20240500 ("Forest Conservation Plan", "FCP" or "Application"). The Application proposes to install a telecommunications tower on the property.

Based on the review by the Planning Staff ("Staff") of The Maryland National Capital Park and Planning Commission ("M-NCPPC"), the FCP submitted to M-NCPPC is approved with the following conditions<sup>1</sup>:

- 1. The Applicant must schedule the required site inspections by M-NCPPC Forest Conservation Inspection Staff per Section 22A.00.01.10 of the Forest Conservation Regulations.
- The Applicant must comply with all tree protection and tree save measures shown on the approved Final Forest Conservation Plan. Tree save measures not specified on the Final Forest Conservation Plan may be required by the M-NCPPC Forest Conservation Inspection Staff.
- 3. The Limits of Disturbance ("LOD") shown on the Final Sediment and Erosion Control Plan must be consistent with the LOD shown on the approved Final Forest Conservation Plan.
- 4. Before the start of any demolition, clearing, grading, or construction for this development
- Application, whichever comes first, the Applicant must:

   Record an M-NCPPC approved Certificate of Compliance in an M-NCPPC approved off-site forest bank within the Little Monocacy watershed or Priority Area to satisfy the reforestation requirement of 0.47 acres of mitigation credit. If no off-site forest banks exist within the Little Monocacy watershed or Priority Area, then the off-site requirement may be met by purchasing 0.67 acres of mitigation credits from a mitigation bank within Montgomery County outside of the Little Monocacy watershed or Priority Area, subject to Staff approval. If forest

<sup>1</sup> For the purpose of these conditions, the term "Applicant" shall also mean the developer, the owner, or any successor(s) in interest to the terms of this approval.

Upcounty Planning Division: 301.495.4645 Fax: 301.495.1304 2425 Reedie Dr., Floor 13, Wheaton, Maryland 20902 www.MongtomeryPlanning.org mitigation bank credits are not available for purchase, a fee-in-lieu payment must be made to M-NCPPC for the appropriate mitigation credits outside of the same watershed or Priority Area.

#### FOREST CONSERVATION

The Application meets the requirements of Chapter 22A of the Montgomery County Forest Conservation Law ("FCL") and the Montgomery County Planning Department's Environmental Guidelines. As required by Chapter 22A, an FCP was submitted with the Application. The total net tract area for forest conservation purposes is 0.37 acres which includes the Subject Property of 40.98 acres. The Subject Property is zoned AR and is classified as Agricultural Resource Area as defined in Section 22A-3 of the FCL and specified in the Trees Technical Manual. The Subject Property contains 0.36 acres of forest. The Applicant proposes to remove 0.36 acres of forest, retain 0.00 acres of forest. This results in a total reforestation requirement of 0.49 acres or 0.67 acres as calculated in the Forest Conservation Worksheets. The Applicant proposes to meet this requirement via an M-NCPPC approved off-site forest

#### TREE VARIANCE REQUEST

Section 22A-12(b)(3) of the Forest Conservation Law identifies certain individual trees as high priority for retention and protection ("Protected Trees"). Any impact to these Protected Trees, including removal or any disturbance within a Protected Tree's critical root zone ("CRZ"), requires a variance under Section 22A-21 ("Variance"). Otherwise such resources as defined under Section 22A-12(b)(3) must be left in an undisturbed condition.

This Application will require the CRZ impact to two Protected Trees as identified in [Table 1]. The Variance request is for the impact to two Protected Trees for the construction of the proposed telecommunications tower and proposed site grading. Section 22A-21 of the County Forest Conservation Law sets forth the findings that must be made for a Variance to be granted. Staff has made the following determinations in the review of the Variance request and the proposed Forest Conservation Plan.

Tree ID	Common Name	Scientific Name	DBH	% Impact	Status
6	N. Red Oak	Quercus rubra	32.0 in.	1%	Save tree
8	N. Red Oak	Quercus rubra	32.0 in.	3%	Save tree

Table 1 – Impacted Protected Trees

In accordance with Section 22A-21(a), the Applicant requested a Variance, and the Staff agrees that the Applicant would suffer unwarranted hardship by being denied reasonable and significant use of the Subject Property without the Variance. The Applicant has demonstrated that the denial of the Variance request would cause an unwarranted hardship because In accordance with Section 22A-21(a), the Applicant requested a Variance, and the Staff agrees that the Applicant would suffer unwarranted hardship by being denied reasonable and significant use of the Subject Property without the Variance. The Applicant has demonstrated that the denial of the Variance request would cause an unwarranted hardship because the work will require a very minor disturbance to the root zones of two (2) specimen trees. The variance trees lie opposite the existing entrance to the study area. The trees that require a variance are the only obstacle to the use of an existing entrance to the study area.

#### TREE VARIANCE FINDINGS

Page 2 of 3

- Will not confer on the Applicant a special privilege that would be denied to other applicants.
  Granting the Variance to impact Trees 6 and 8 will not confer a special privilege on the Applicant
  as the impacts are due to necessary development requirements of the site. Staff has determined
  that the impacts to protected trees has been minimized but cannot be avoided. Therefore, the
  granting of this Variance is not a special privilege that would be denied to other applicants.
- Is not based on conditions or circumstances which are the result of the actions by the Applicant.
  The requested Variance is not based on conditions or circumstances which are the result of
  actions by the Applicant. The requested Variance is based on existing site conditions and the
  requirements to meet development standards.
- Is not based on a condition relating to land or building use, either permitted or non-conforming on a neighboring property. The requested Variance is a result of the existing conditions and the required improvements, and not as a result of land or building use on a neighboring property.
- 4. Will not violate State water quality standards or cause measurable degradation in water quality. The Variance will not violate State water quality standards or cause measurable degradation in water quality. The Protected Trees being impacted are not located within a stream buffer, wetland, or a special protection area.

In order to prepare the plans for certification, please download this Approval Letter, attach it to the FCP, sign the Qualified Professional and Developer's Certificate, and re-upload the plans for final review and approval. The FCP must be certified before a pre-construction meeting can be scheduled.

Any changes from the approved FCP may constitute grounds to rescind or amend any approval actions taken, and to re-evaluate the Subject Property for additional or amended plantings. If there are any subsequent additions or modifications planned for this development, a separate amendment must be submitted to M-NCPPC for review and approval prior to those changes occurring. Please contact Michael Sharp at 202-748-3601 & michael.sharp@montgomeryplanning.org at least 7 days in advance to schedule your pre-construction meeting. If you have any questions regarding these actions, please feel free to contact Joshua Penn at 301-495-4546 or <a href="Joshua.penn@montgomeryplanning.org">Joshua.penn@montgomeryplanning.org</a>.

Sincerely

Joshua Penn

Patrick Butler, Chief Upcounty Planning Division, Montgomery County Planning Department

cc: File: F20240500 Mike Norton

Page 3 of 3

ce, and all other applicable agreements.  elecom Capital Group  inted Company Name
nted Company Name
ark Fisher
nted Name
150 Sheridan Point Road, Prince Frederick MD 2067
01.802.3159, towers@rcn.com
1



K:\\_L|brary\\_General\Logos\Telecom Capitol Group.png

communication services, inc.
6100 Executive BLVD, Suite 350 Rockville, MD 20852
PHONE: (202) 408-0960

<u></u>		

TCG BARNESVILLE SITE 22900 OLD HUNDRED ROAD BARNESVILLE, MD 20838

SEAL:

	SUBMITTALS	
DATE	DESCRIPTION	REV.

PROJECT NO: 1163.001
DESIGNER:
ENGINEER:
THESE DRAWINGS ARE FORMATTED

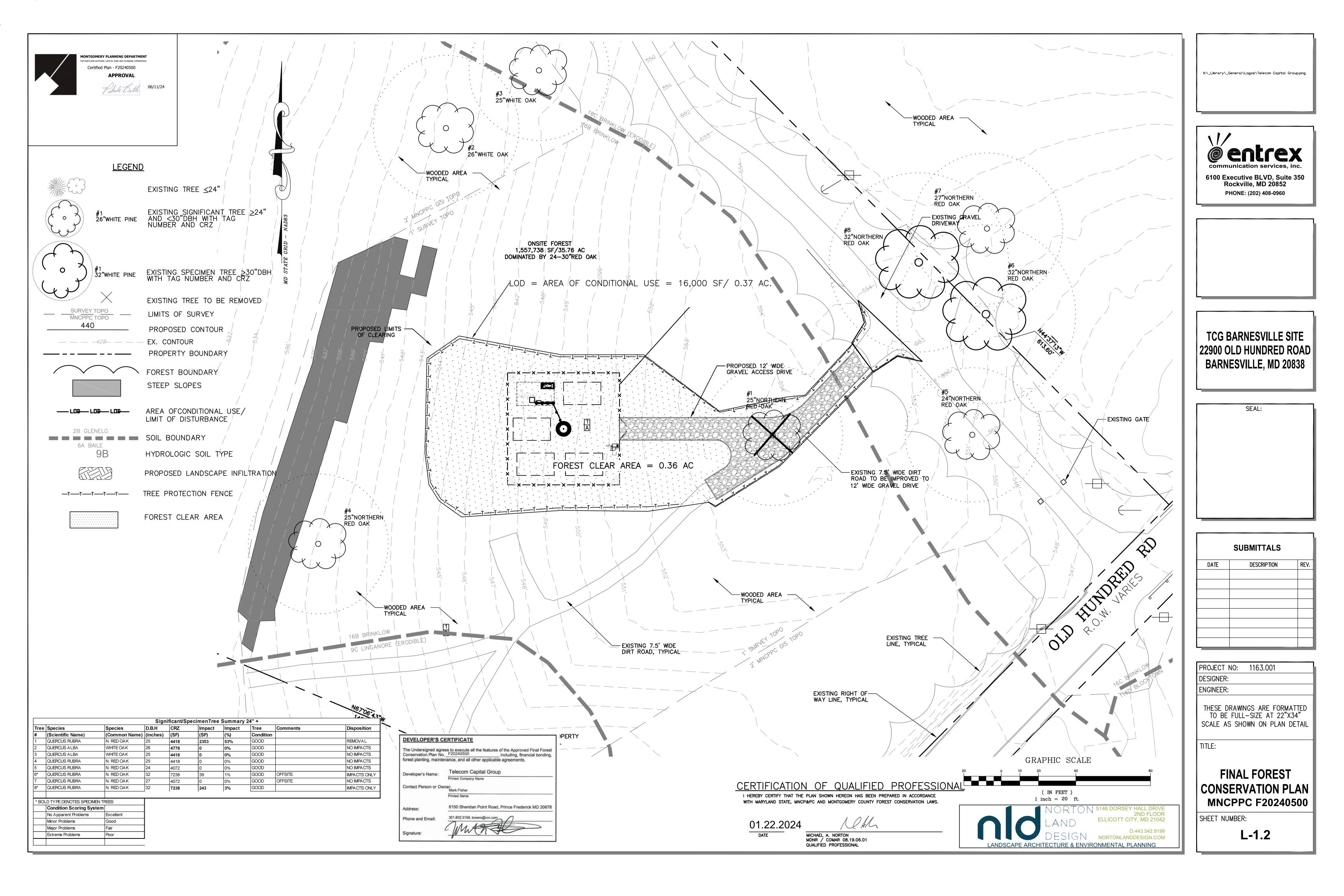
THESE DRAWINGS ARE FORMATTED
TO BE FULL—SIZE AT 22"X34"
SCALE AS SHOWN ON PLAN DETAIL

TITLE

FINAL FOREST
CONSERVATION PLAN
MNCPPC F20240500

SHEET NUMBER:

L-1.1





### FOREST CONSERVATION WORKSHEET

WITHIN SAME PRIORITY WATERSHED

OUTSIDE SAME PRIORITY WATERSHED

	FORE		ERVATION BARNESV	I WORKSH ILLE	EET				FORE	EST CONSE TCG E	ERVATION BARNESV		EET		
NET TRACT AREA:  A. Total tract area  B. Additions to tract area (Off-Site Work, etc.; construction required by this plan)  C. Land dedication acres (parks, county facility, etc.)  D. Land dedication for roads or utilities (construction not required by this plan)  E. Area to remain in commercial agricultural production/use  F. Other deductions (specify)  G. Net Tract Area				40.98 0.00 0.00 0.00 40.61 * 0.00 0.37 **	NET TRACT AREA:  A. Total tract area  B. Additions to tract are  C. Land dedication acre  D. Land dedication for r  E. Area to remain in cor  F. Other deductions (sp  G. Net Tract Area	s (parks, o roads or u mmercial pecify)	county facil tilities (cor agricultura 	lity, etc.) nstruction I production	 not requir on/use	ed by this p		40.98 0.00 0.00 0.00 40.61 0.00 0.37 \$			
LAND USE CATEGORY: (fro Input the numb limit to only on	ber "1" u	ınder the a		•				LAND USE CATEGORY: (f Input the nun limit to only o	nber "1" ເ	under the a		•			
ARA	CDR	MDR	IDA	HDR	MPD	CIA		ARA	CDR	MDR	IDA	HDR	MPD	CIA	
1	0	0	0	0	0	0		1	0	0	0	0	0	0	
G. Afforestation Thresho				20%	x G =		0.07	G. Afforestation Thresh	old			20%	x G =		0.07
H. Conservation Threshol	ld			55%	x G =		0.20	H. Conservation Thresh	old			55%	x G =		0.20
EXISTING FOREST COVER:	}							EXISTING FOREST COVE	R:						
I. Existing forest cover			=				0.36	I. Existing forest cover.			=				0.36
J. Area of forest above af	forestat	ion thresh	old	=			0.29	J. Area of forest above a				=			0.29
K. Area of forest above co	onservat	tion thresh	old	=			0.16	K. Area of forest above	conserva	tion thresh	old	=			0.16
BREAK EVEN POINT:								BREAK EVEN POINT:							
L. Forest retention above	e thresho	old with no	mitigatio	on=			0.23	L. Forest retention above threshold with no mitigation=				0.23			
M. Clearing permitted wi	ithout m	iitigation		=			0.13	M. Clearing permitted without mitigation=				0.13			
PROPOSED FOREST CLEAR	RING:							PROPOSED FOREST CLEA	ARING.						
N. Total area of forest to	be clear	ed	=				0.36	N. Total area of forest to be cleared=				0.36			
O. Total area of forest to	be retai	ned	=	:			0.00	O. Total area of forest to be retained=			0.00				
PLANTING REQUIREMENT	ΓS:							PLANTING REQUIREMEN	NTS.						
P. Reforestation for clear	ring abov	ve conserv	ation thre	shold=			0.08	P. Reforestation for clearing above conservation threshold=					0.16		
Q. Reforestation for clear	ring belo	ow conserv	ation thre	eshold=			0.41	Q. Reforestation for clearing below conservation threshold=				0.51			
R. Credit for retention above conservation threshold=				0.00	R. Credit for retention above conservation threshold=			0.00							
S. Total reforestation required=				0.49	S. Total reforestation required=			0.67							
T. Total afforestation required=				0.00	T. Total afforestation re	quired			.=			0.00			
U. Credit for landscaping								U. Credit for landscapin	ig (may no	ot be used	to meet re	eforestatio	n requirem	ent if	
project is located outside		ty Focus Ar	rea (EFA).	For project	ts within EF	A, may		project is located outsid	-	ity Focus Aı	rea (EFA).	For projec	ts within EF	A, may	
not exceed 20% of "S")	=						0.00	not exceed 20% of "S") .	=						0.00
V. Total reforestation and	d affores	station req	uired	=			0.49	V. Total reforestation a	nd affore	station red	uired	=			0.67
			W	vorksheet d	date		4/3/2023	v. Total leforestation a	na anoie	stationreq		 orksheet (			4/3/2023

\* AREA OF GROSS PROPERTY NOT IN CONDITIONAL USE EQUALS 40.61 AC. \*\*NET TRACT AREA EQUALS AREA OF CONDITIONAL USE 0.37 AC.

REFORESTATION/AFFORESTATION REQUIREMENT TO BE MET THROUGH THE PURCHASE OF FOREST BANK IF AVAILABLE. IF NOT, FEE-N-LIEU WILL BE REQUESTED.

### SITE TABULATIONS:

<u> </u>	
NET ACREAGE OF TRACT: ACREAGE OF TRACT REMAINING IN AGRICULTURE:	
ACREAGE OF ROAD AND UTILITY R/W WHICH WIL BE IMPROVED AS PART OF DEV. APPLICATION:	0.00
ACREAGE OF EX. FOREST:	0.36
ACREAGE OF TOTAL FOREST RETENTION:	0.00
ACREAGE OF TOTAL FOREST CLEARED:	0.36
LAND USE CATEGORY:	ARA
AFFORESTATION THRESHOLD	0.07
CONSERVATION THRESHOLD	0.20
ACREAGE OF FOREST RETAINED, CLEARED, AND PLANTED WITHIN WETLANDS	0.00/0.00/0.00
ACREAGE OF FOREST RETAINED, CLEARED, AND PLANTED WITHIN 100—YEAR FLOODPLAIN	0.00/0.00/0.00
ACREAGE OF FOREST RETAINED, CLEARED, AND PLANTED WITHIN STREAM BUFFERS	0.00/0.00/0.00
ACREAGE OF FOREST RETAINED, CLEARED, AND PLANTED WITH PRIORITY AREAS	0.00/0.00/0.00
LINEAR EXTENT & AVERAGE WIDTH OF STREAM E	BUFFER 0/0

#### Sequence of Events for Properties Required to Comply With Forest Conservation Plans, Exemptions from Submitting Forest Conservation Plans, and Tree Save Plans

The property owner is responsible for ensuring all tree protection measures are performed in accordance with the approved final forest conservation plan or tree save plan, and as modified in the field by a Planning Department Forest Conservation Inspector. The measures must meet or exceed the most recent standards published by the American National Standards Institute (ANSI

#### Pre-Construction

- 1. An on-site pre-construction meeting is required after the limits of disturbance have been staked and flagged and before any land disturbance.
- 2. The property owner must arrange for the meeting and following people should must participate at the pre-construction meeting: the property owner or their representative, construction superintendent, International Society of Arboriculture (ISA) certified arborist/Maryland Licensed Tree Expert (representing owner) that will implement the tree protection measures, The Planning Department Forest Conservation Inspector, and Montgomery County Department of Permitting Services (DPS) Sediment Control Inspector. The purpose of this meeting is verify the limits of disturbance and discuss specific tree protection and tree care measures shown on the approved plan. No land disturbance shall begin before tree protection and stress-reduction measures have been implemented and approved by the Planning Department's Forest Conservation Inspector.
- a. Typical tree protection devices include: i. Chain link fence (four feet high)
  - ii. Super silt fence with wire strung between the support poles (minimum 4 feet high) with high visibility flagging.
- iii. 14 gauge, 2 inch x 4 inch welded wire fencing supported by steel T-bar
- posts (minimum 4 feet high) with high visibility flagging. b. Typical stress reduction measures may include, but are not limited to: i. Root pruning with a root cutter or vibratory plow designed for that
- purpose. Trenchers are not allowed, unless approved by the Forest
- Conservation Inspector
- ii. Crown Reduction or pruning iii. Watering
- iv. Fertilizing
- v. Vertical mulching vi. Root aeration systems

Measures not specified on the Forest Conservation Plan may be required as determined by the Forest Conservation Inspector in coordination with the property owner's arborist.

3. A Maryland Licensed Tree expert must perform, or directly supervise, the implementation of all stress reduction measures. Documentation of the process (including

February 2017

photographs) may be required by the Forest Conservation Inspector, and will be determined at the pre-construction meeting.

- 4. Temporary tree protection devices must be installed per the approved Forest Conservation Plan, Exemption Plan, or Tree Save Plan and prior to any land disturbance. The Forest Conservation Inspector, in coordination with the DPS Sediment Control Inspector, may make field adjustments to increase the survivability of trees and forest shown as saved on the approved plan.
- 5. Tree protection fencing must be installed and maintained by the property owner for the duration of construction project and must not be altered without prior approval from the Forest Conservation Inspector. All construction activity within protected tree and forest
- areas is prohibited. This includes the following activities: a. Parking or driving of equipment, machinery or vehicles of any type.
- b. Storage of any construction materials, equipment, stockpiling, fill, debris, etc. c. Dumping of any chemicals (i.e., paint thinner), mortar or concrete remainder,
- trash, garbage, or debris of any kind. d. Felling of trees into a protected area.
- e. Trenching or grading for utilities, irrigation, drainage, etc.
- 6. Forest and tree protection signs must be installed as required by the Forest Conservation Inspector. The signs must be waterproof and wording provided in both English and

#### **During Construction**

- 7. Periodic inspections will be made by the Forest Conservation Inspector. Corrections and repairs to tree protection devices must be completed within the timeframe given by the
- 8. The property owner must immediately notify the Forest Conservation Inspector of any damage to trees, forests, understory, ground cover, and any other undisturbed areas shown on the approved plan. Remedial actions, and the relative timeframes to restore these areas, will be determined by the Forest Conservation Inspector.

#### Post-Construction

- 9. After construction is completed, but before tree protection devices have been removed, the property owner must request a final inspection with the Forest Conservation Inspector. At the final inspection, the Forest Conservation Inspector may require
- additional corrective measures, which may include: a. Removal, and possible replacement, of dead, dying, or hazardous trees
- b. Pruning of dead or declining limbs c. Soil aeration
- d. Fertilization
- e. Watering
- f. Wound repair

Page 2 of 3 February 2017

- g. Clean up of retention areas, including trash removal
- 10. After the final inspection and completion of all corrective measures the Forest Conservation Inspector will request all temporary tree and forest protection devices be removed from the site. Removal of tree protection devices that also operate for erosion and sediment control must be coordinated with both DPS and the Forest Conservation Inspector and cannot be removed without permission of the Forest Conservation Inspector. No additional grading, sodding, or burial may take place after the tree protection fencing is removed.
- 11. Long-term protection measures, including permanent signage, must be installed per the approved plan. Installation will occur at the appropriate time during the construction project. Refer to the approved plan drawing for the long-term protection measures to be

#### **INSPECTIONS**

All field inspections must be requested by the applicant.

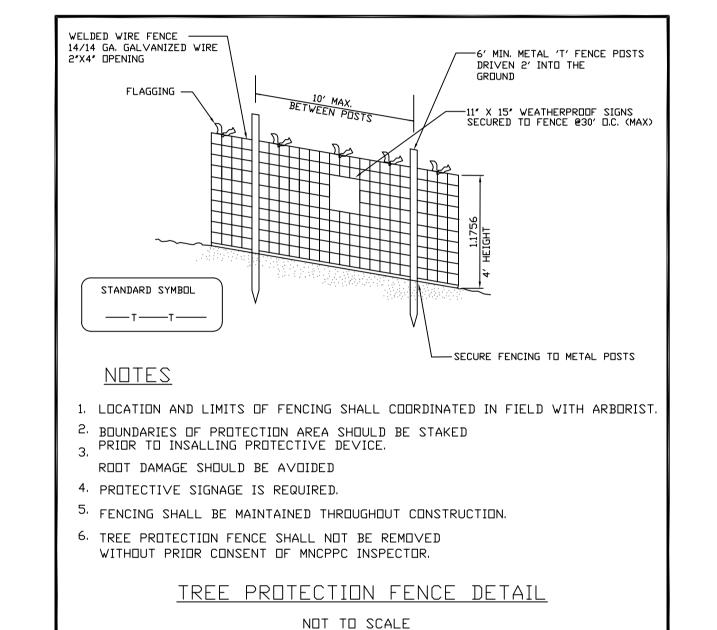
Field Inspections must be conducted as follows:

#### **Plans without Planting Requirements**

- 1. After the limits of disturbance have been staked and flagged, but before any clearing or
- 2. After necessary stress reduction measures have been completed and protection measures have been installed, but before any clearing and grading begin and before release of the
- 3. After completion of all construction activities, but before removal of tree protection fencing, to determine the level of compliance with the provision of the forest conservation.

#### Additional Requirements for Plans with Planting Requirements

- 4. Before the start of any required reforestation and afforestation planting. 5. After the required reforestation and afforestation planting has been completed to verify
- that the planting is acceptable and prior to the start the maintenance period.
- 6. At the end of the maintenance period to determine the level of compliance with the provisions of the planting plan, and if appropriate, release of the performance bond.



#### **GENERAL FCP NOTES:**

- ROOT PRUNE TRENCH IS NOT TO IMPACT UTILITIES.
- THE EXTENT OF ROOT PRUNING IS TO BE DETERMINED AT THE PRECONSTRUCTION MEETING.
- NO CLEARING IS TO TAKE PLACE OUTSIDE OF THE LIMITS OF DISTURBANCE.
- AREAS SHOWN TO BE CLEARED OUTSIDE OF
- THE LIMITS OF DISTURBANCE ARE FOR CALCULATIONS ONLY.

#### SITE PLANTING NOTE:

- TREES AND SHRUBS TO BE PLANTED OUTSIDE OF L.O.D. ARE TO BE DUG WITH HAND EQUIPMENT ONLY. NO MACHINERY IS TO GO OUTSIDE OF L.O.D. PLANTS ARE TO BE INSTALLED AND STABILIZED SAME DAY.



### CERTIFICATION OF QUALIFIED PROFESSIONAL

I HEREBY CERTIFY THAT THE PLAN SHOWN HEREON HAS BEEN PREPARED IN ACCORDANCE WITH MARYLAND STATE, MNCP&PC AND MONTGOMERY COUNTY FOREST CONSERVATION LAWS.

04.22.2024

MICHAEL A. NORTON MDNR / COMAR 08.19.06.01 QUALIFIED PROFESSIONAL

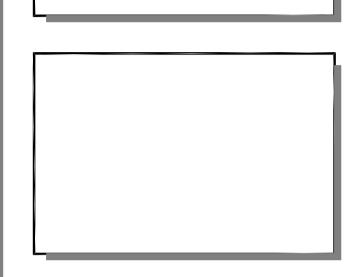


K:\\_Library\\_General\Logos\Telecom Capitol Group.png



Rockville, MD 20852

PHONE: (202) 408-0960



TCG BARNESVILLE SITE 22900 OLD HUNDRED ROAD BARNESVILLE, MD 20838

SEAL:	

	SUBMITTALS	
DATE	DESCRIPTION	REV.

PROJECT NO:	1163.0	01
DESIGNER:		
ENGINEER:		
THECE DOAMIN	CC ADE	CODMATTED

THESE DRAWINGS ARE FORMATIED TO BE FULL-SIZE AT 22"X34" SCALE AS SHOWN ON PLAN DETAIL

**FINAL FOREST CONSERVATION PLAN NOTES & DETAILS** MNCPPC F20240500

SHEET NUMBER:

L-1.3

### Attachment B



### TCG BARNESVILLE SITE 22900 OLD HUNDRED ROAD BARNESVILLE, MD 20838 **TOWER COMMITTEE SUBMITTAL**





PHONE: (202) 408-0960

TCG BARNESVILLE SITE 22900 OLD HUNDRED ROAD BARNESVILLE, MD 20838



SUBMITTALS					
DATE	DESCRIPTION	REV.			
05-27-21	TOWER COMMITTEE REVIEW				
06-25-21	TOWER COMMITTEE REVIEW				
08-31-21	BOUNDRARY LINE ADJUST.				
	·				
	·				

#### PROJECT NO: 1163.001 DESIGNER: C.S. ENGINEER: THESE DRAWINGS ARE FORMATTED TO BE FULL-SIZE AT 22"X34" SCALE AS SHOWN ON PLAN DETAIL TITLE SHEET SHEET NUMBER: T-1

#### SITE INFORMATION

#### SCOPE OF WORK:

- 1. CLEAR, GRUB AND GRADE ACCESS ROAD AND SITE COMPUND AREA.
  2. INSTALL 12' WIDE GRAVEL ACCESS ROAD.

- 2. INSTALL 12' WIDE GRAVEL ACCESS ROAD.
  3. INSTALL MONOPOLE FOUNDATION AND 160' MONOPOLE.
  4. INSTALL METER CENTER ON UTILITY FRAME AND FIBER FACILITIES.
  5. INSTALL CONCRETE SLABS FOR GENERATOR AND CABINETS AND CABLE SUPPORT PIERS.
  6. INSTALL GENERATOR AND EQUIPMENT CABINETS.
  7. INSTALL CHAIN LINK FENCING AND CABLE SUPPORTS.
  8. INSTALL SECTOR FRAMES AND ANTENNA MOUNTS ON MONOPOLE.
  9. INSTALL ANTENNAS, RAYCAP UTINTS AND RRHS ON SECTOR FRAMES.
  10. INSTALL HYBRIFLEX CABLES FROM EQUIPMENT TO ANTENNAS.
  11. INSTALL POWER, TELCO AND GROUNDING.
  12. INSTALL COMPOUND SURFACING AND SITE IMPROVEMENTS.

JURISDICTION: MONTGOMERY COUNTY

ACCOUNT NUMBER: 00916938 MAP/GRID/PARCEL DW11/000/P653

PARCEL AREA: +40 98 AC

PARCEL OWNER: BRELAND, RONALD L. & JUANITA W.

22900 OLD HUNDRED ROAD BARNESVILLE, MD 20838 ADDRESS:

AR - AGRICULTURAL LATITUDE: 39" 13" 53.380"

LONGITUDE: 77° 21' 59 403" GROUND FLEVATION: 549.5' AMSL

NOTE\_TO\_GENERAL\_CONTRACTOR
NO WORK IS TO BE PERFORMED ON THIS SITE WITHOUT REVIEW OF THE APPROVED STRUCTURAL ANALYSIS. IF ANY DISCREPANCIES ARE FOUND THE GENERAL CONTRACTOR SHALL NOTIFY ENGINEER IN WRITING. AT NO TIME WILL ANY ADDITIONAL ANTENNAS BE INSTALLED WITHOUT WRITTEN CONSENT FROM TOWER ENGINEER.

### **VICINITY MAP** MT. FPHRAIM COMUS MONTGOMERY SLIDELL V OLD BALTIMORE F

#### CODE COMPLIANCE

- 2018 INTERNATIONAL BUILDING CO
- 2017 NATIONAL ELECTRICAL CODI

- AMERICAN CONCRETE INSTITUTE
- AMERICAN INSTITUTE OF STEEL CO
- MANUAL OF STEEL CONSTRUCTION 13TH EDITION

- ANSI/T 311

RF ENGINEER

SCALE: 1" = 2,000'

	CURRENT EDITIONS OF THE FOLLOWING CODES AS ADOPTED BY RMIT WORK NOT CONFORMING TO THE LATEST EDITIONS OF THE
DOE	– ANSI/TIA-222-H
<u>:</u>	- TIA 607
DE	- INSTITUTE FOR ELECTRICAL & ELECTRONICS ENGINEER 81
	- IEEE C2 NATIONAL ELECTRIC SAFETY CODE LATEST EDITION
ONSTRUCTION	- TELECORDIA GR-1275

#### APPROVAL BLOCK

SHEET INDEX

VZW ANTENNA SCHEDULE, LAYOUT AND DETAILS

VZW RADIO HEAD, OVP UNIT AND SIGNAGE DETAILS

TITLE SHEET

PARTIAL SITE PLAN

COMPOUND PLAN

MONOPOLE ELEVATION

VZW GENERATOR DETAILS

**VZW EQUIPMENT CABINET DETAILS** 

SITE PLAN

APPROVED DATE OWNER REPRESENTATIVE DATE SITE AQUISITION CONSTRUCTION MANAGER 

#### PROJECT TEAM

APPLICANT:

TELECOM CAPITAL GROUP PRINCE FREDERICK, MD 20678
RYAN DEAR VP OF OPERATIONS 443-884-4518

TELECOM CAPITAL GROUP

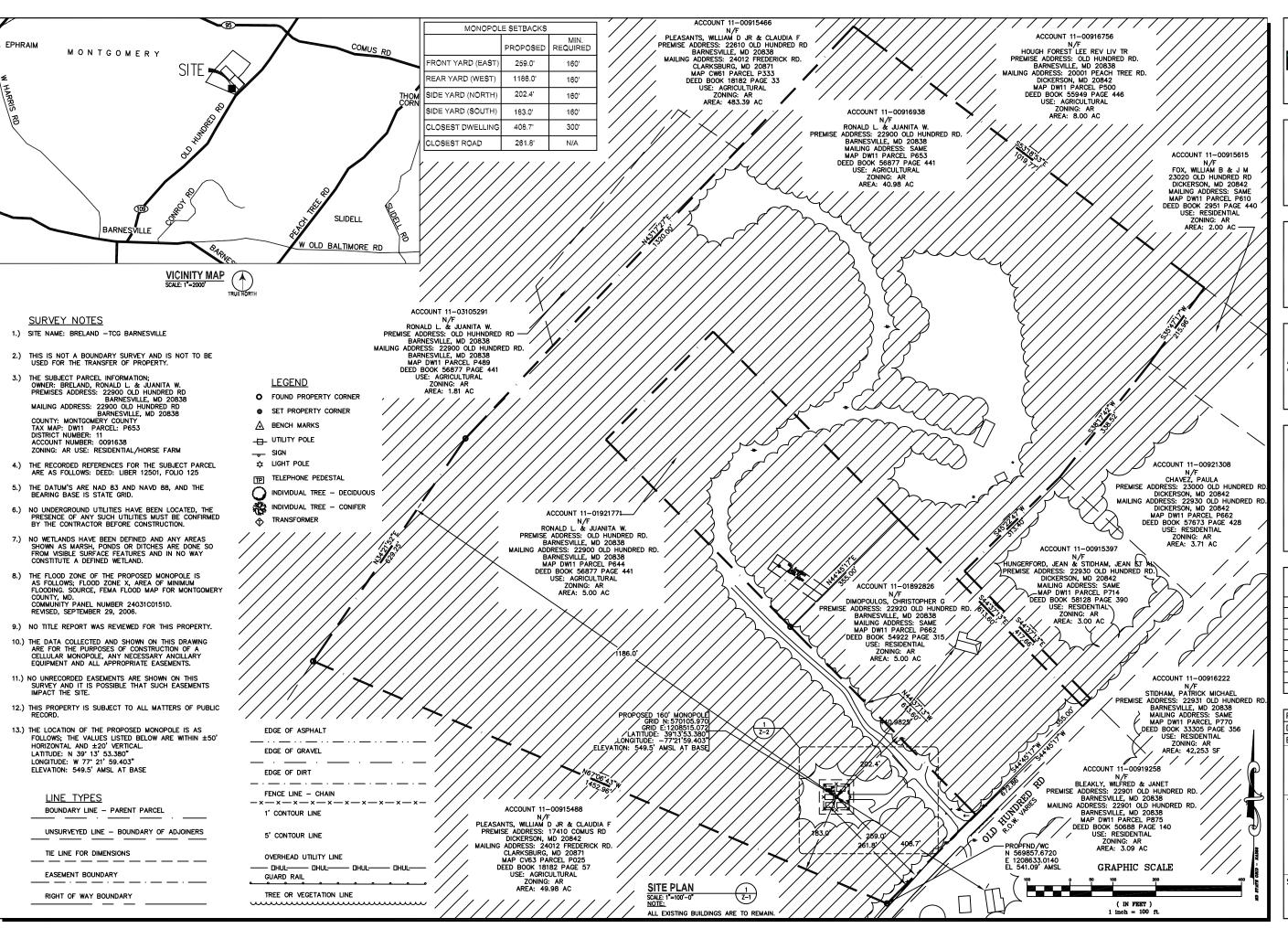
ARCHITECT/ENGINEER:

ENTREX COMMUNICATION SERVICES, INC. 6100 EXECUTIVE BLVD, SUITE 350 ROCKVILLE, MD 2085

MARC A. MARZULLO, PE PRESIDENT (202) 408-0960

PROJECT MANAGEMENT:

PRINCE FREDERICK, MD 20678
RYAN DEAR VP OF OPERATIONS 443-884-4518



TELECOM CAPITAL GROUI



6100 Executive BLVD, Suite 350 Rockville, MD 20852 PHONE: (202) 408-0960

TCG BARNESVILLE SITE 22900 OLD HUNDRED ROAD BARNESVILLE, MD 20838



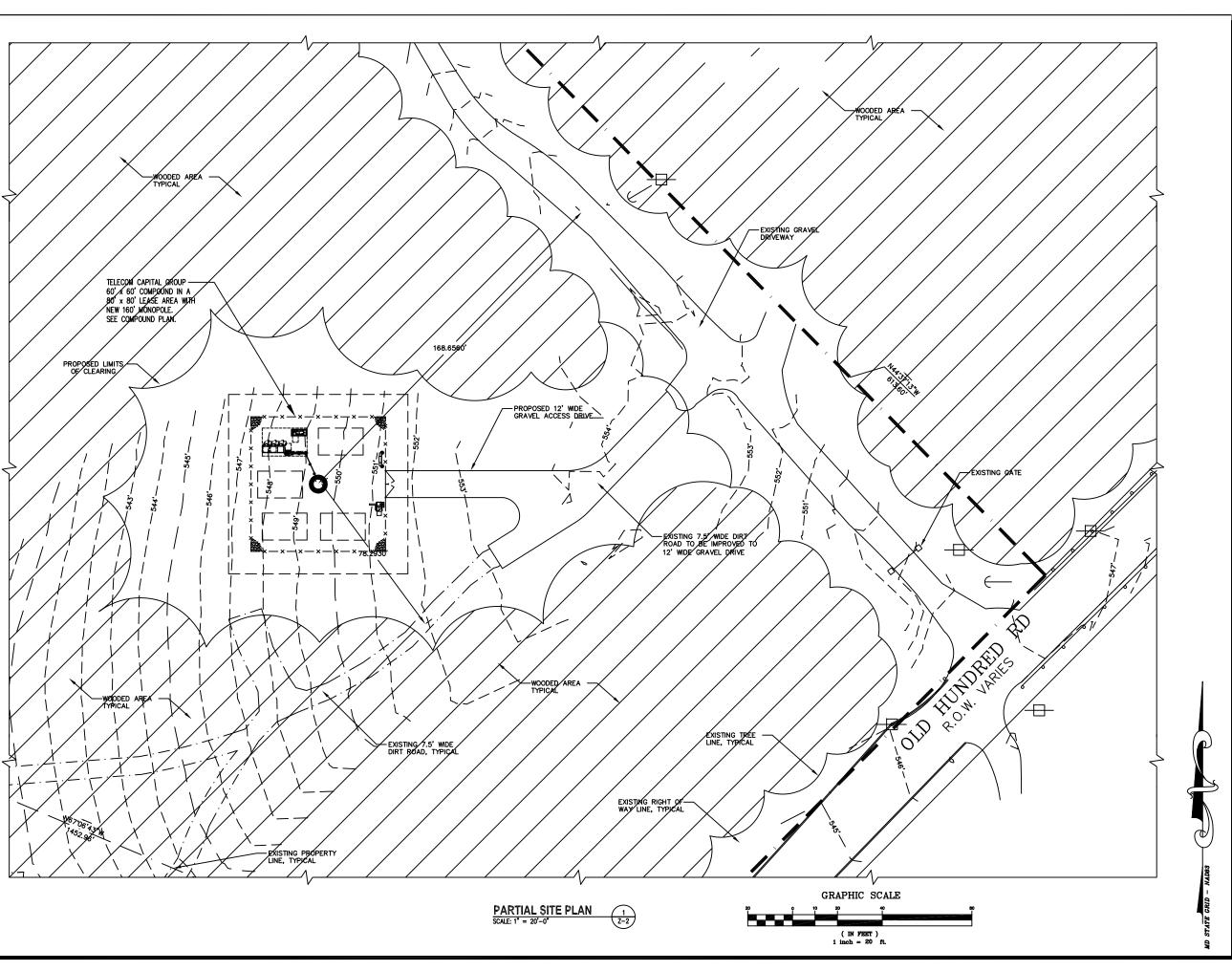
CHEMITTALS

	QUEINTIALQ	
DATE	DESCRIPTION	REV.
05-27-21	TOWER COMMITTEE REVIEW	
06-25-21	TOWER COMMITTEE REVIEW	
08-31-21	BOUNDRARY LINE ADJUST.	

PROJECT NO:	1163.001
DESIGNER:	R.S.
ENGINEER:	M.M.
TO BE FUL	INGS ARE FORMATTED L-SIZE AT 22"X34" OWN ON PLAN DETAIL
TITLE:	

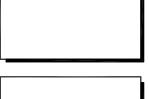
SITE PLAN

SHEET NUMBER:









TCG BARNESVILLE SITE 22900 OLD HUNDRED ROAD BARNESVILLE, MD 20838



	SUBMITTALS	
DATE	DESCRIPTION	REV.
05-27-21	TOWER COMMITTEE REVIEW	
06-25-21	TOWER COMMITTEE REVIEW	
08-31-21	BOUNDRARY LINE ADJUST.	

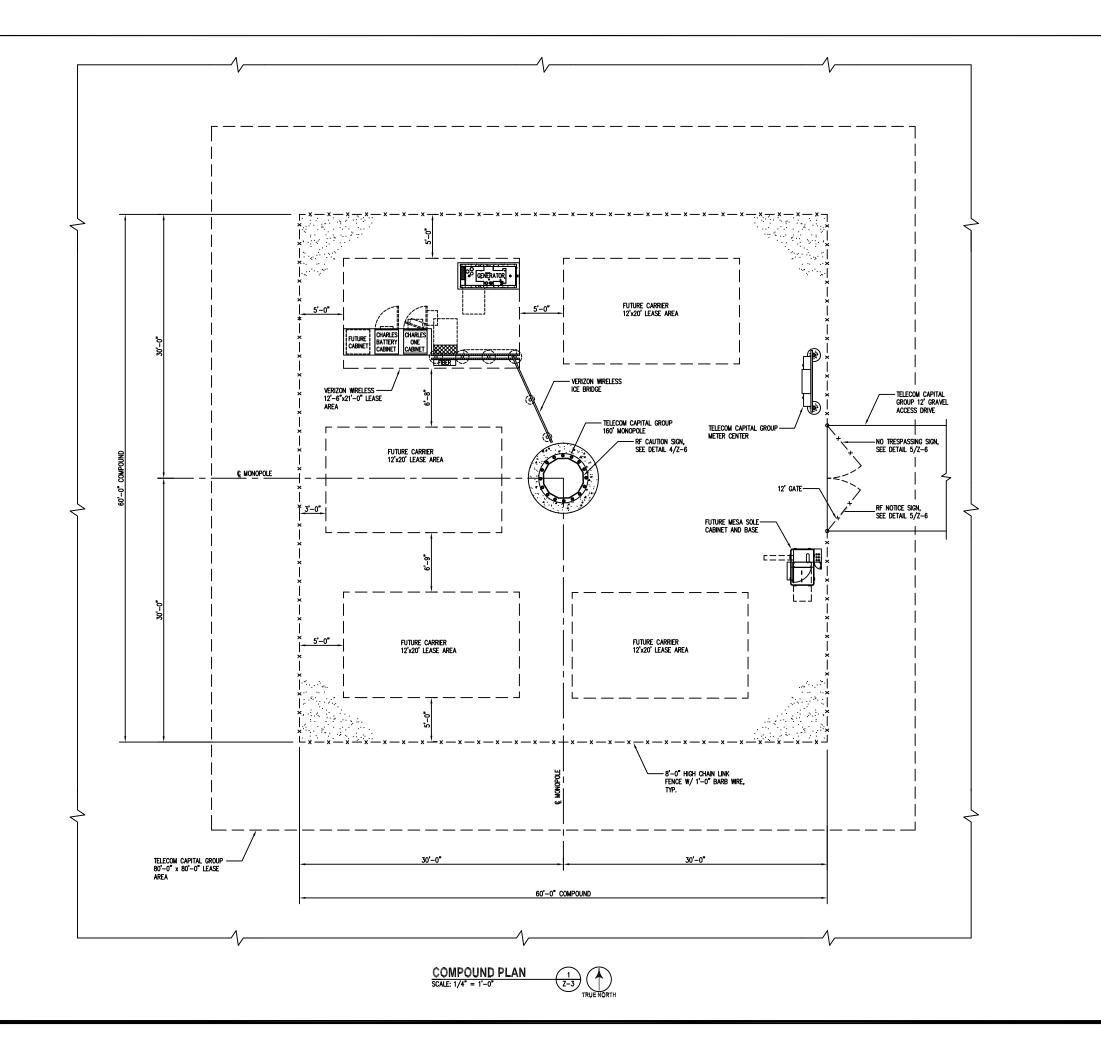
PROJECT NO:	1163.001	
DESIGNER:	R.S.	
ENGINEER:	M.M.	

THESE DRAWINGS ARE FORMATTED TO BE FULL-SIZE AT 22"X34" SCALE AS SHOWN ON PLAN DETAIL

TITLE:

PARTIAL SITE PLAN

SHEET NUMBER:







TCG BARNESVILLE SITE 22900 OLD HUNDRED ROAD BARNESVILLE, MD 20838



Professional Certification. I hereby certify that these document were prepared or approved by me, and that I am a duly license professional engineer under the laws of the State of Maryland, License No. 12913, Expiration Date: 94(03/2022

	SUBMITTALS	
DATE	DESCRIPTION	REV.
05-27-21	TOWER COMMITTEE REVIEW	
06-25-21	TOWER COMMITTEE REVIEW	
08-31-21	BOUNDRARY LINE ADJUST.	
	05-27-21 06-25-21	DATE DESCRIPTION 05-27-21 TOWER COMMITTEE REVIEW 06-25-21 TOWER COMMITTEE REVIEW

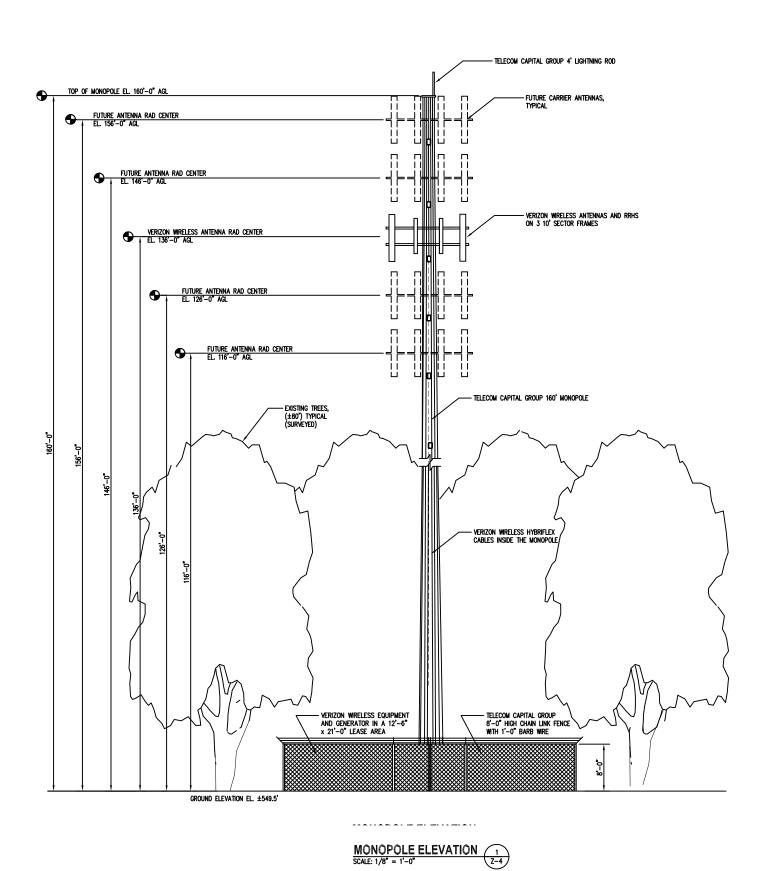
PROJECT NO:	1163.001
DESIGNER:	C.S.
ENGINEER:	M.M.

THESE DRAWINGS ARE FORMATTED TO BE FULL-SIZE AT 22"X34" SCALE AS SHOWN ON PLAN DETAIL

TITLE:

COMPOUND PLAN

SHEET NUMBER:







TCG BARNESVILLE SITE 22900 OLD HUNDRED ROAD BARNESVILLE, MD 20838



	SUBMITTALS	
DATE	DESCRIPTION	REV.
05-27-21	TOWER COMMITTEE REVIEW	
06-25-21	TOWER COMMITTEE REVIEW	
08-31-21	BOUNDRARY LINE ADJUST.	
	·	

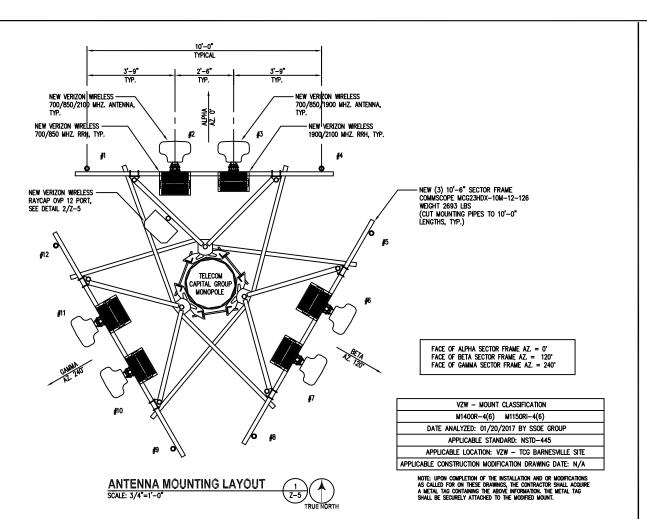
PROJECT	NO: 1163.001	
DESIGNER	: C.S.	
ENGINEER	: M.M.	

THESE DRAWINGS ARE FORMATTED TO BE FULL-SIZE AT 22"X34" SCALE AS SHOWN ON PLAN DETAIL

TITLE:

MONOPOLE ELEVATION

SHEET NUMBER:

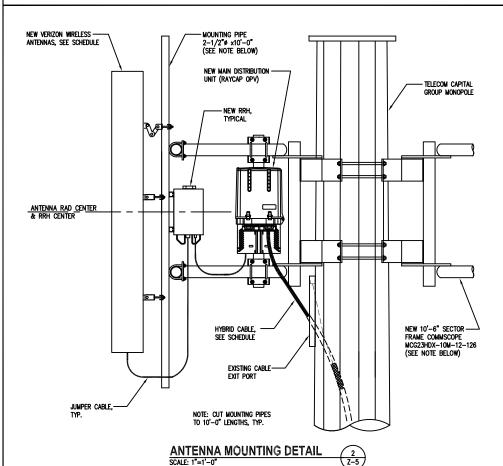


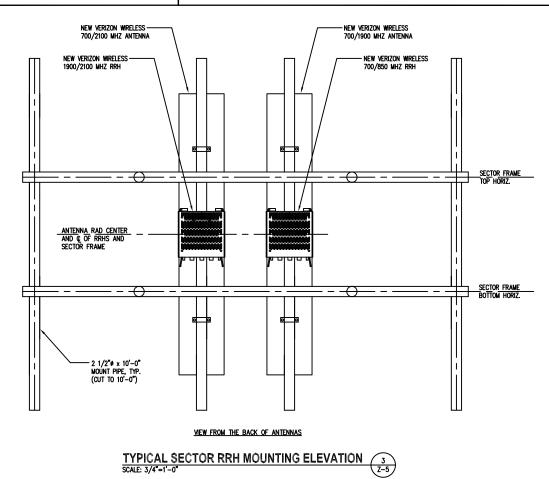
	ANTENNA AND CABLE SCHEDULE								
ANTENNA SECTOR	ANTENNA Mark	RAD CENTER	ANTENNA	MECHANICAL DOWN-TILT	AZIMUTH	CABLE LENGTH	COAXIAL CABLE SIZE	COLOR CODE	FREQUENCY
	#1	-	-	-	-	-	-	-	-
ALPHA	# 2	136'-0"	MX06FR0860-02 (95.9" H x 15.4" W x 10.7" D)	SEE NOTE 6	o.	200'	(1) 12X24 HYBRID	G/R/G 0/R/0	700 MHZ 850 MHZ 2100 MHZ 700 MHZ 850 MHZ 1900 MHZ
ALPHA	# 3	136'-0"	MX06FR0860-02 (95.9" H x 15.4" W x 10.7" D)	-	0.	-	SHARED HYBRID CABLE	G/4R/G 4R Br/R/Br	700 MHZ 850 MHZ 1900 MHZ
	# 4	-	-	-	-	-	-	-	-
	# 5	-	-	-	-	-	-	-	-
BETA	# 6	136'-0"	MX06FR0860-02 (95.9" H x 15.4" W x 10.7" D)	-	120*	-	SHARED HYBRID CABLE	G/B/G 0/B/O	700 MHZ 850 MHZ 2100 MHZ
	# 7	136'-0"	MX06FR0860-02 (95.9" H x 15.4" W x 10.7" D)	-	120°	-	SHARED HYBRID CABLE	G/4B/G 4B Br/B/Br	700 MHZ 850 MHZ 2100 MHZ 700 MHZ 850 MHZ 1900 MHZ
#8		-	-	-	-	-	-		
	# 9	-	-	-	-	-	-	-	-
GAMMA	# 10	136'-0"	MX06FR0860-02 (95.9" H x 15.4" W x 10.7" D)	-	240°	-	SHARED HYBRID CABLE	G/Y/G O/Y/O	700 MHZ 850 MHZ 2100 MHZ
GAMMA	<b>#</b> 11	136'-0"	MX06FR0860-02 (95.9" H x 15.4" W x 10.7" D)	-	240°	-	SHARED HYBRID CABLE	G/4Y/G Br/Y/Br	700 MHZ 850 MHZ 2100 MHZ 700 MHZ 850 MHZ 1900 MHZ
	<b>#</b> 12	-	-	-	-	-	-	-	-
GPS	-		MAXRAD GPS-TMG-HR26NMSCLA (2) REQUIRED	-	-	-	1/2"ø	-	-

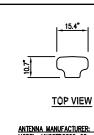
#### NOTES:

- All antennas shall be furnished with downtilt brackets. Contractor shall coordinate required mechanical downtilt for each antenna with RF engineer. Antenna downtilt shall be set and verified by a smart level.
- 2. ANTENNA CENTERLINE HEIGHT IS IN REFERENCE TO ELEVATION 0.0'.
- 3. FINAL CABLE LENGTHS SHALL BE DETERMINED AFTER INSTALLATION.
- 4. COORDINATE THE ANTENNA DOWNTILT WITH THE RF ENGINEER.
- THE CABLE LENGTHS SHOWN ARE THE ACTUAL COMPUTED LENGTHS WITH NO OVERAGE ALLOWANCE.
   REFER TO THE APS FOR THE ANTENNA DOWNTILT REQUIREMENTS.

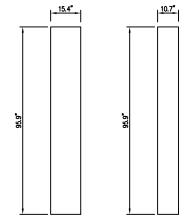
CABLE MINIMUM BEND RADIUS					
7/8" Ø RF 1-1/4" Ø RF 1-5/8" Ø RF 2-1/4" Ø RF 1.1" Ø HYBRIFLE)					
10"	15"	20"	22"	10"	







ANTENNA MANUFACTURER: JMA WIRELESS
MODEL: MXOGFROB60-02
(95.9" H x 15.4" W x 10.7" D)
WEIGHT WITH MGT BRACKET = 105 LBS



FRONT VIEW

700/850/1900/2100 MHZ ANTENNA

SIDE VIEW

ANTENNA DETAILS 4 SCALE: N.T.S. 2-5







6100 Executive BLVD, Suite 350 Rockville, MD 20852 PHONE: (202) 408-0960





		SUBMITTALS	
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	06-25-21	TOWER COMMITTEE REVIEW	
	08-31-21	BOUNDRARY LINE ADJUST.	
•			

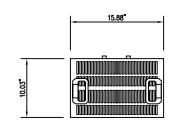
PROJECT NO:	1163.001
DESIGNER:	C.S.
ENGINEER:	M.M.

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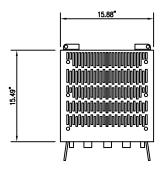
TITLE:

VZW ANTENNA SCHEDULE AND DETAILS

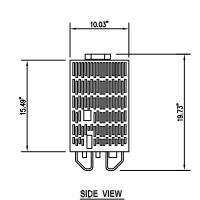
SHEET NUMBER:



PLAN VIEW



FRONT VIEW

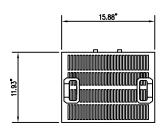


700/850 MHz

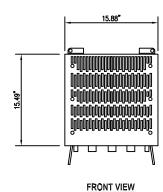
MANUFACTURER: SAMSUNG MODEL: RFV01U-D2A DIMENSION: 10.03"D x 15.88"W x 19.73"H WEIGHT: 70.3 LBS.

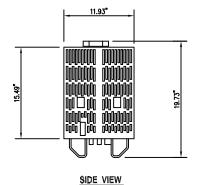
700 MHz AND 850 MHz RRH DETAIL SCALE: N.T.S.





PLAN VIEW

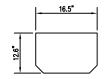


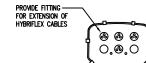


1900/2100 MHz

MANUFACTURER: SAMSUNG MODEL: RFV01U-D1A DIMENSION: 11.93"D x 15.88"W x 19.73"H WEIGHT: 84.4 LBS.

1900 MHz AND 2100 MHz RRH DETAIL 2 SCALE: N.T.S. 27-6

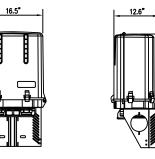


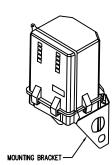


BOTTOM VIEW

PLAN VIEW

FRONT VIEW





SIDE VIEW

MANUFACTURER: RAYCAP
MODEL: RVZDC-6627PF48
DIMENSIONS:12.61Dx16.5Wx29.5"H
WEIGHT 32 LBS (TOTAL)

RAYCAP 12 PORT OVP DETAIL

SCALE: 1"=1"-0"

Z-6



SIGN DIMENSIONS: 14" HIGH X 10" WIDE SIGN TYPE: VINYL LABEL SIGN LOCATION: ATTACHED TO MONOPOLE 8' ABOVE GROUND UNDER CLIMBING SAFETY

CAUTION SIGN DETAIL SCALE: NOT TO SCALE



SIGN DIMENSIONS: 14" HIGH X 10" WIDE
SIGN TYPE: ALUMINUM
SIGN LOCATION: ATTACHED TO LEFT FENCE GATE 4' ABOVE GROUND

F NOTICE SIGN DETAIL 5

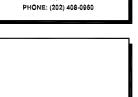


SIGN DIMENSIONS: 10" HIGH X 14" WIDE SIGN TYPE: ALUMINUM SIGN LOCATION: ATTACHED TO RIGHT FENCE GATE 4' ABOVE GROUND

NO TRESPASSING SIGN DETAIL 6
SCALE: NOT TO SCALE 2-6







TCG BARNESVILLE SITE 22900 OLD HUNDRED ROAD BARNESVILLE, MD 20838



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08-31-21	BOUNDRARY LINE ADJUST.				

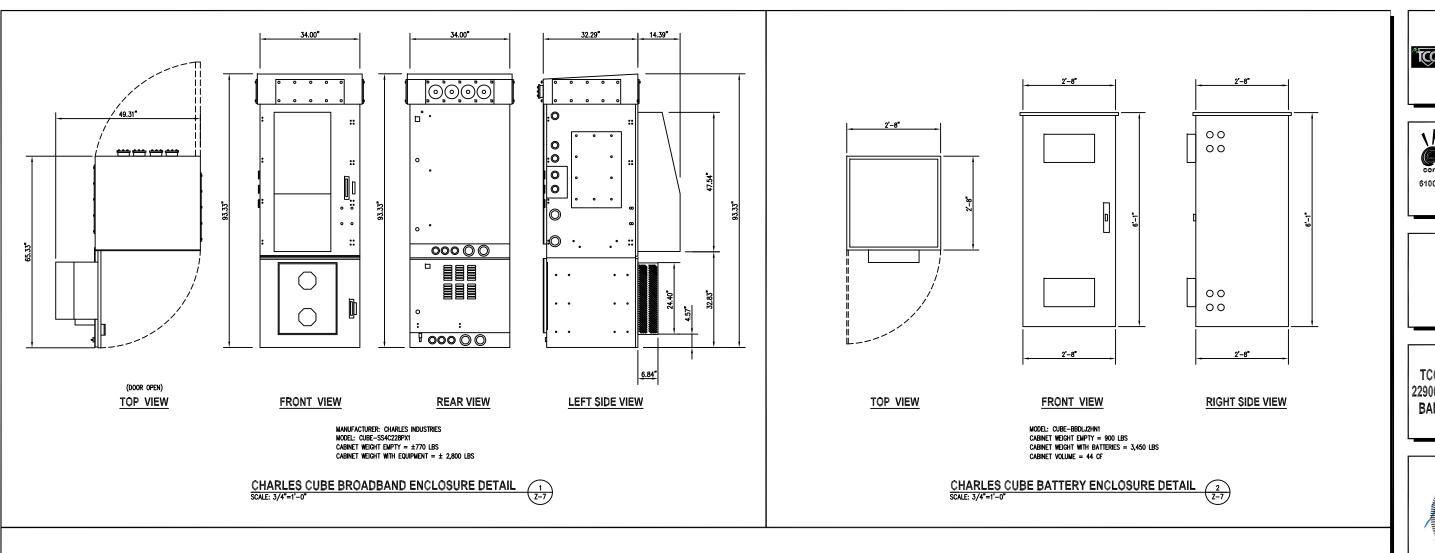
PROJECT NO:	1163.001	
DESIGNER:	C.S.	
ENGINEER:	M.M.	

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TITLE:

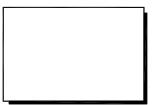
VZW RADIO HEAD, OVP UNIT AND SIGNAGE DETAILS

SHEET NUMBER:









TCG BARNESVILLE SITE 22900 OLD HUNDRED ROAD BARNESVILLE, MD 20838



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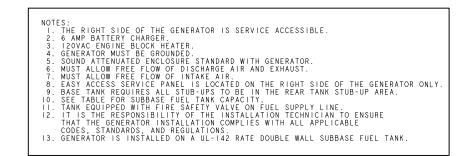
PROJECT NO:	1163.001	
DESIGNER:	C.S.	
ENGINEER:	M.M.	

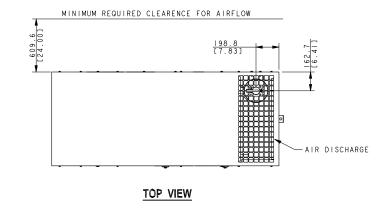
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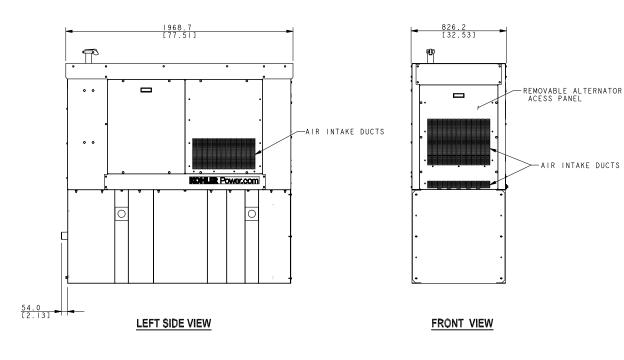
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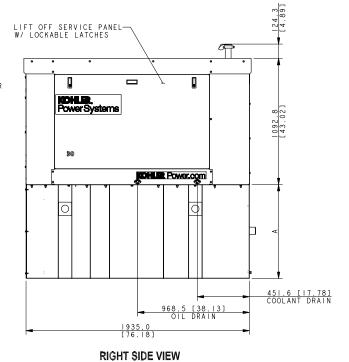
VZW EQUIPMENT CABINET DETAILS

SHEET NUMBER:







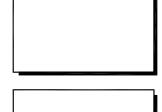


KOHLER 30REOZK 30kW DIESEL GENERATOR (1 Z-8)





6100 Executive BLVD, Suite 350 Rockville, MD 20852 PHONE: (202) 408-0960



TCG BARNESVILLE SITE 22900 OLD HUNDRED ROAD BARNESVILLE, MD 20838



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08-31-21	BOUNDRARY LINE ADJUST.	

1 _		
Р	ROJECT NO:	1163.001
D	ESIGNER:	C.S.
E	NGINEER:	M.M.

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TITLE:

**VZW GENERATOR DETAILS** 

SHEET NUMBER:

### Attachment C

# Montgomery County, MD

Old Hundred Rd

Mar 13, 2022

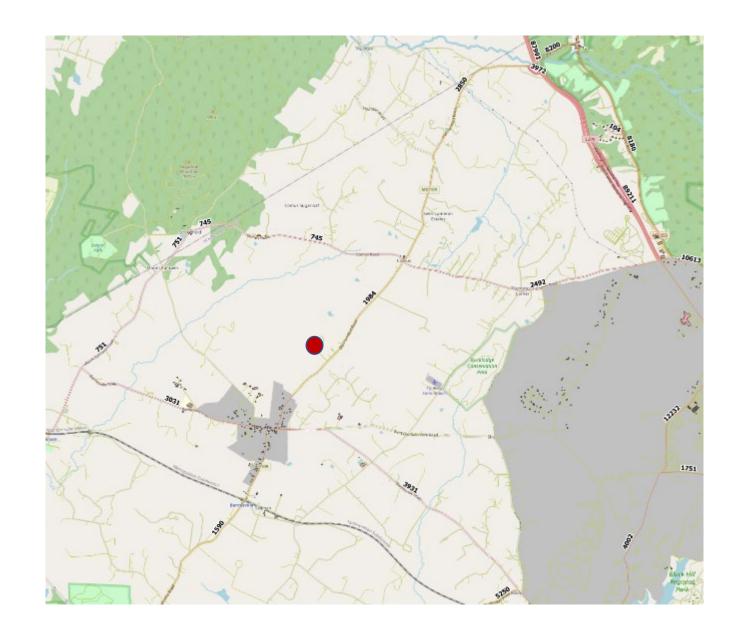
### Summary

- Areas in the vicinity are identified by CAF II for voice and broadband service modernization in unserved areas.
- The proposed TCG Old Hundred Road site is positioned to serve Barnesville,
   Old Hundred Rd, Comus Rd, Barnesville Rd, and Beallsville Rd
- The minimum required height for the proposed TCG Old Hundred Rd site is 136 ft. Supporting RF propagation plots and terrain analysis provided.
- Additional heights are needed to support multiple wireless service providers. Supporting RF propagation plots are provided for the requested 156 ft.

### Background

## 2019 Vehicular Traffic

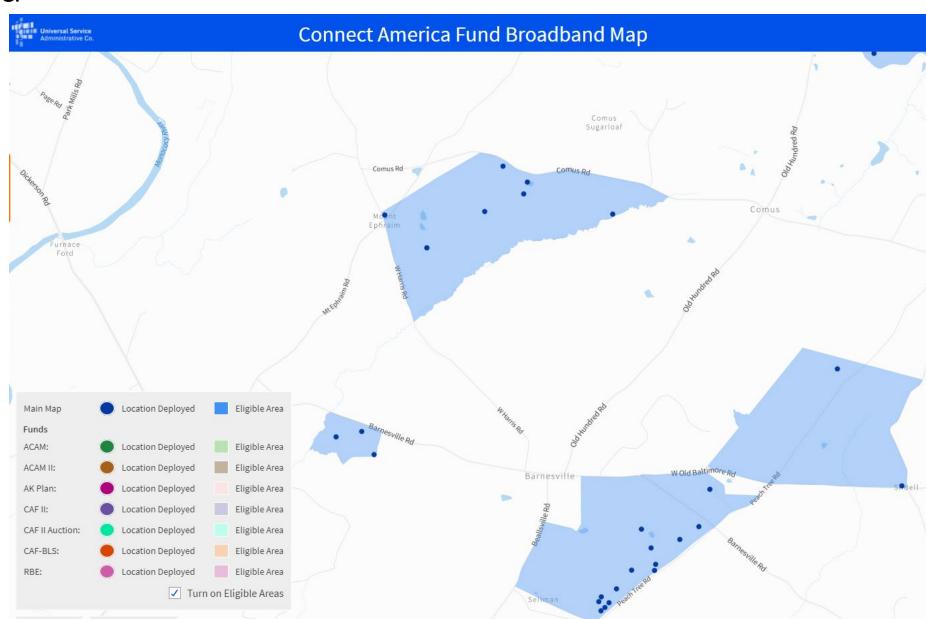
 The proposed site is positioned to serve Barnesville, Old Hundred Rd, Comus Rd, Barnesville Rd, and Beallsville Rd.



### Area Background

Areas around Barnesville,
Old Hundred Road and
Comus Road have
experienced recent CAF II
activities to modernized
networks for deploying
voice and broadband
services in states with
unserved areas.

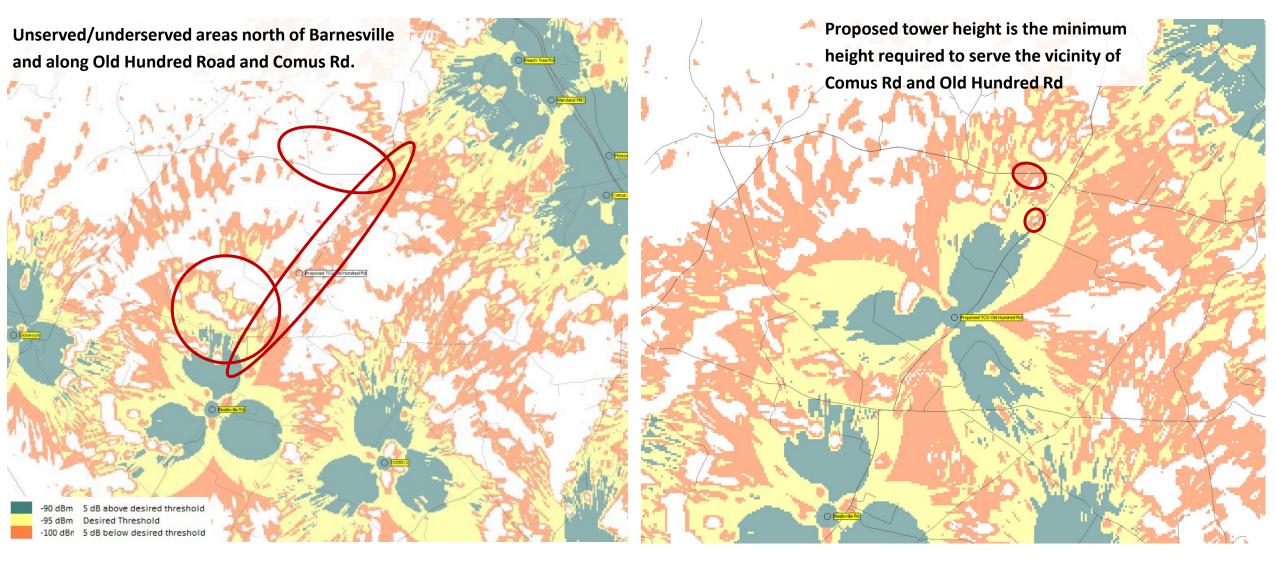
Source: <a href="https://data.usac.org/publicreports/caf-map/">https://data.usac.org/publicreports/caf-map/</a>



## Minimum Height Requirement for Proposed TCG Old Hundred Road Site

Single Provider

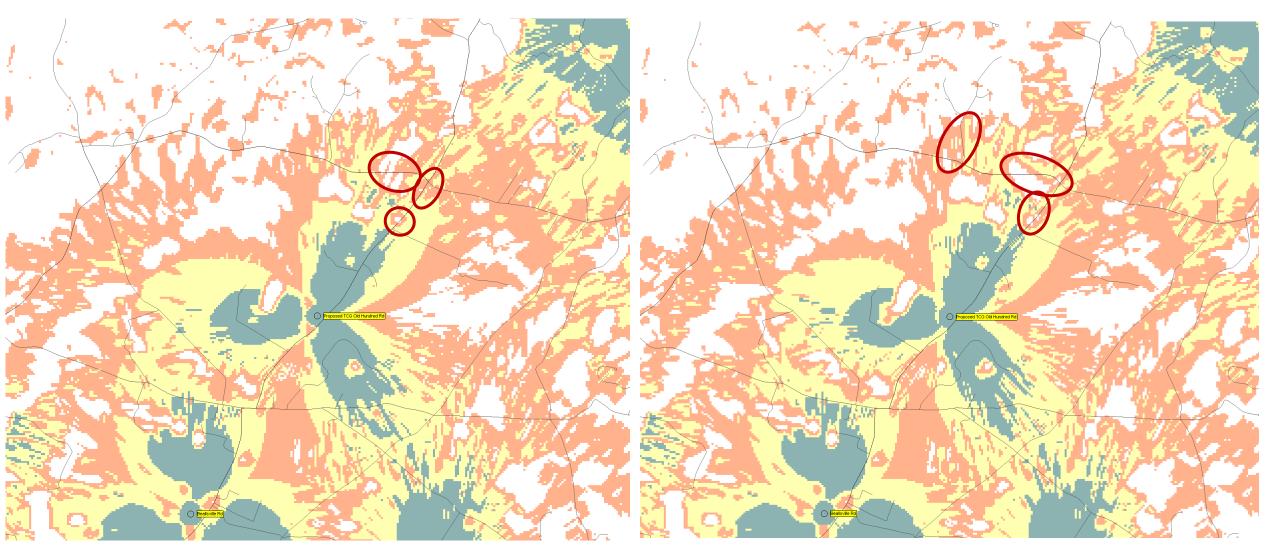
### Barnesville Propagation Maps



Existing service area

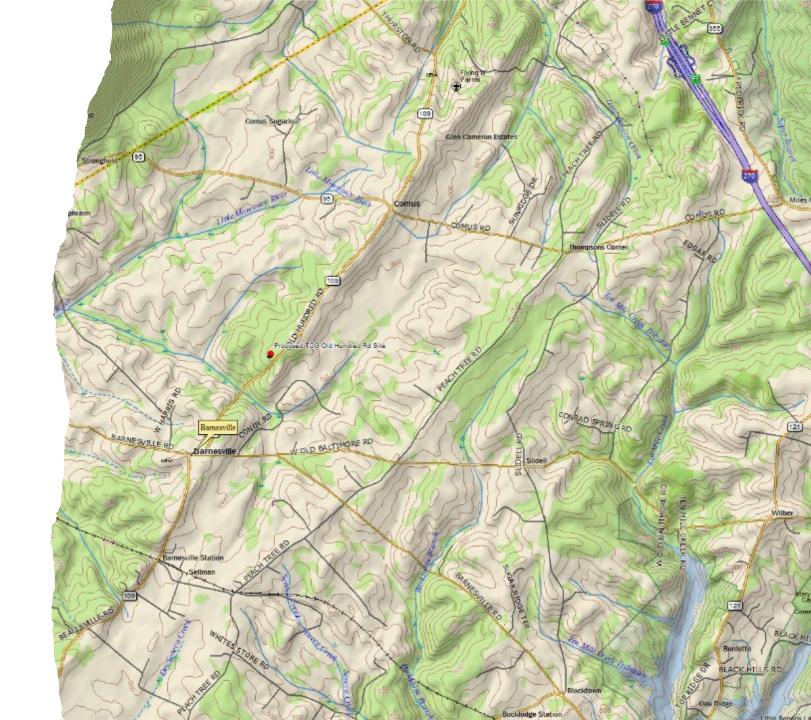
Proposed TCG Site at 136 ft – Minimum Height

### Barnesville Propagation Maps at Lower Antenna Heights



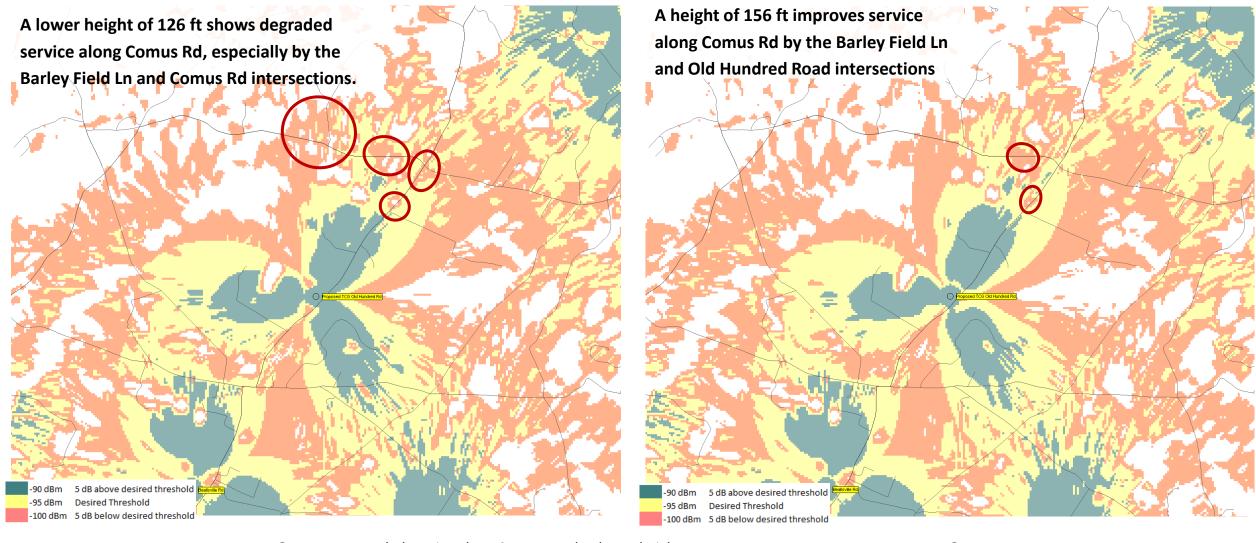
### Terrain Analysis

- Old Hundred Rd is on higher ground. The proposed site is better suited to cover areas west of Old Hundred Road as the terrain dips slightly.
- Other sites are further way, e.g., Route 270, and is at a disadvantage to cover west of Old Hundred Acres Rd due to terrain changes and distance.



## Additional Height Requirement to support multiple service providers

### Barnesville Propagation Maps at 126 ft and 156 ft

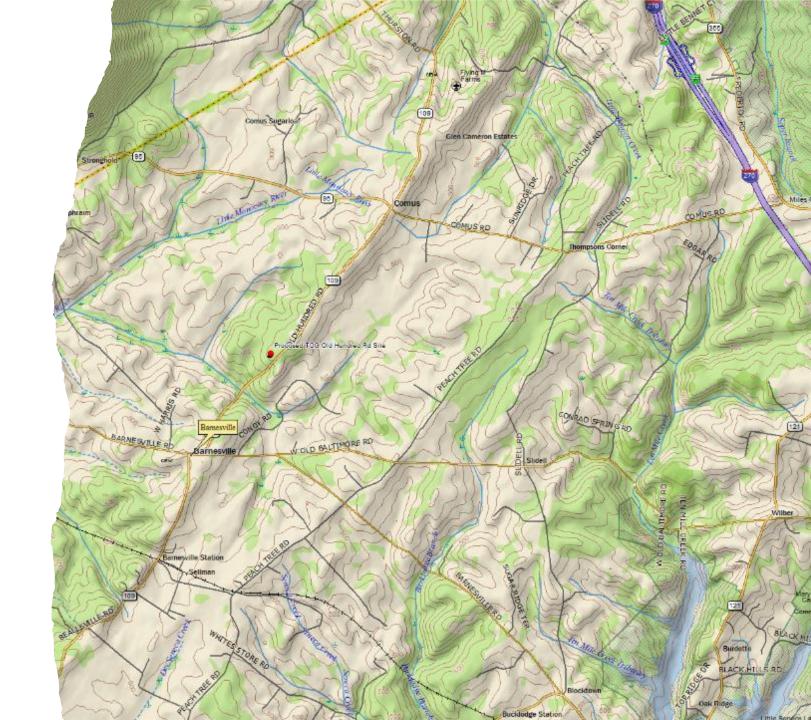


# Montgomery County, MD

Old Hundred Rd Propagation Plots Aug 08, 2024

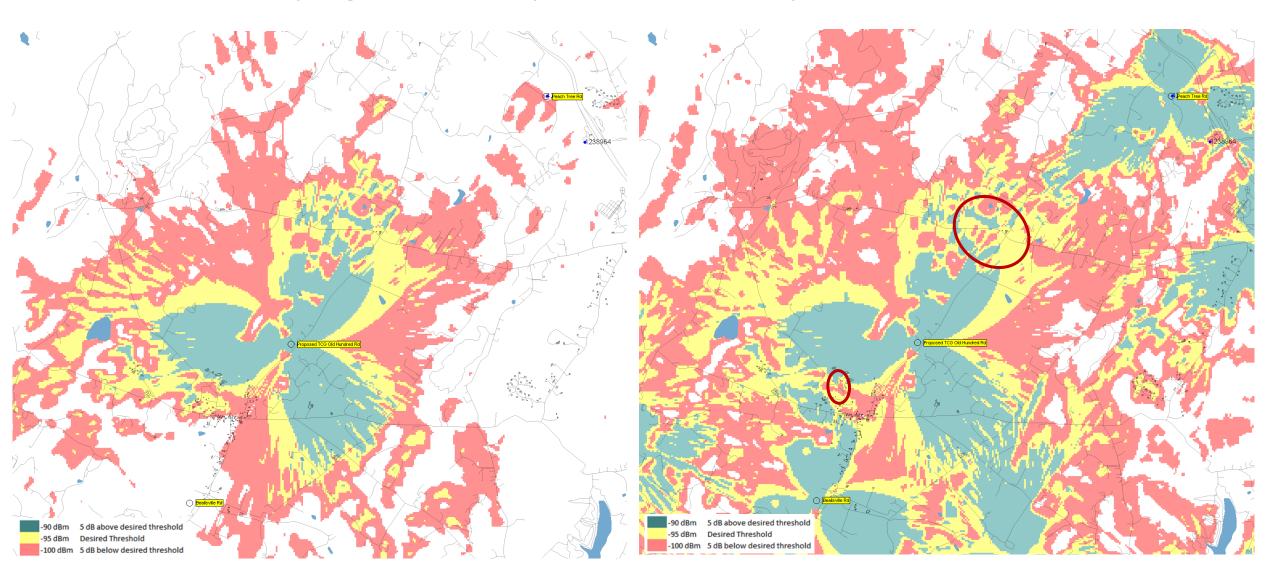
### Terrain Analysis

- Old Hundred Rd is on higher ground. The proposed site is better suited to cover areas west of Old Hundred Road as the terrain dips slightly.
- Other sites are further way, e.g., Route 270, and are at a disadvantage to cover west of Old Hundred Acres Rd due to terrain changes and distance.



### Minimum Height Requirement for Proposed TCG Old Hundred Road Site

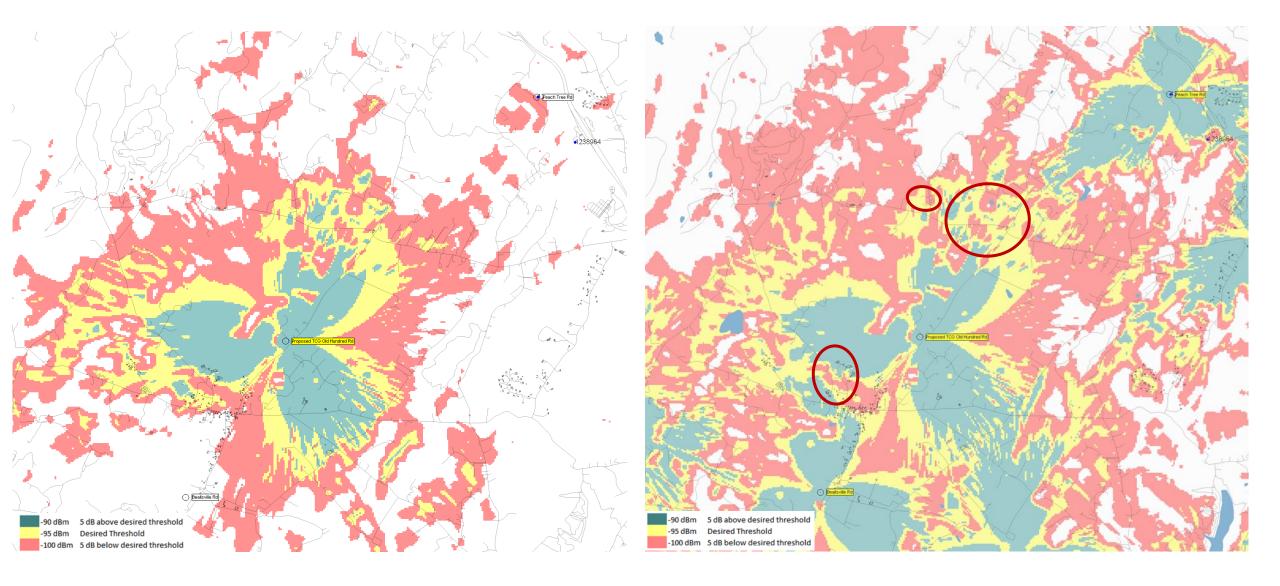
### Barnesville Propagation Maps at with Proposed TCG site at 136 ft



Cellular coverage for proposed site showing small pockets of degraded service on Old Hundred Rd and Comus Rd.

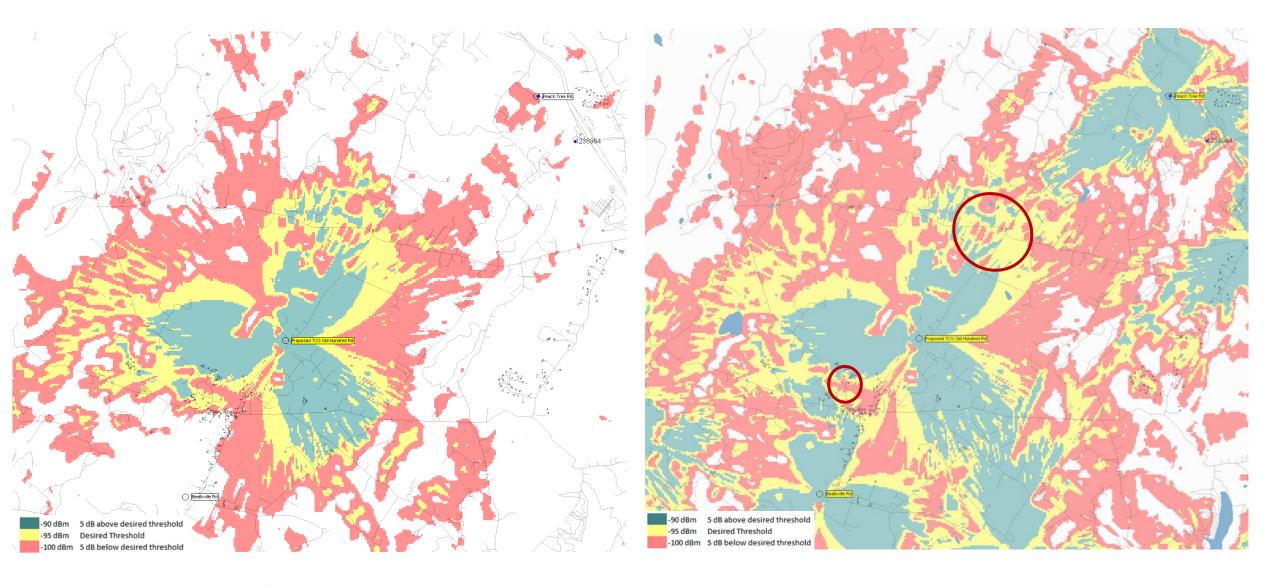
Service impacts from lower antenna heights

### Barnesville Propagation Maps at with Proposed TCG site at 116 ft



Cellular coverage for proposed site showing extended degraded service on Old Hundred Rd and Comus Rd.

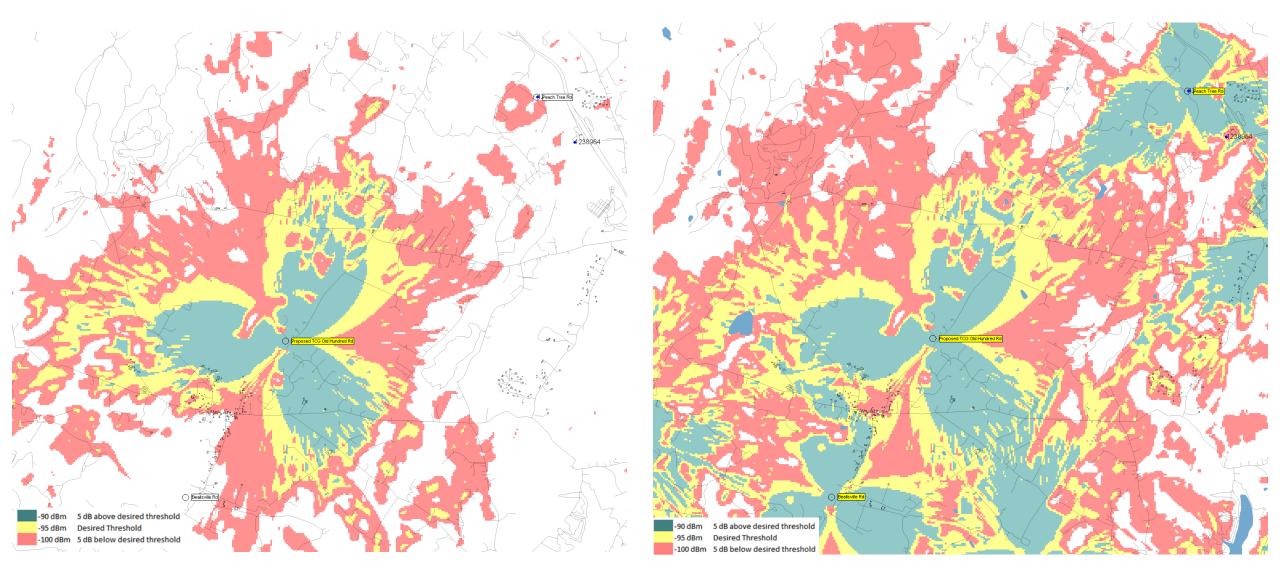
### Barnesville Propagation Maps at with Proposed TCG site at 126 ft



Cellular coverage for proposed site showing extended degraded service on Old Hundred Rd and Comus Rd.

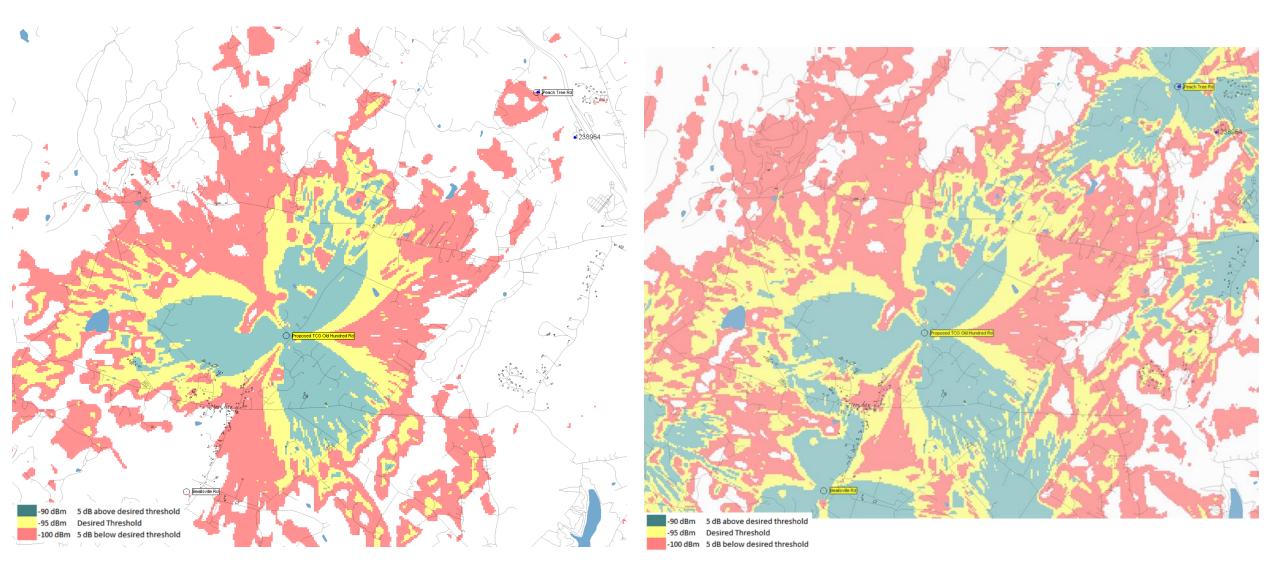
Service benefits from higher antenna heights

### Barnesville Propagation Maps at with Proposed TCG site at 146 ft



Cellular coverage for proposed site showing improved service on Old Hundred Rd and Comus Rd.

### Barnesville Propagation Maps at with Proposed TCG site at 156 ft



Cellular coverage for proposed site showing improved service on Old Hundred Rd and Comus Rd.