### **ZONING SYNOPSIS**

Petition Number(s): **Z23-03** 

### APPLICANT INFORMATION AND PROPERTY DESCRIPTION

Applicant: <u>Switch, LTD</u>

Representative: <u>Brandon Bowen, esq. Jenkins & Bowen, PC.</u>

Property Owner: CARTER GROVE (ATLANTA) ASLI VI

Property Location: South of Old Alabama Rd at Bates Rd;

Tax ID Nos. C106-0001-001; C106-0001-002;

C107-0001-015; C119-0001-001; C119-0001-002; C119-0001-003;

C120-0001-001, and C120-0001-003.

Access to the Property: Old Alabama Rd west of Bates Rd.

Site Characteristics:

Tract Size: Acres: 1947.65 District: 4<sup>th</sup> Section: 3<sup>rd</sup> LL(S): Multiple

Ward: 2 Council Member: <u>Jayce Stepp</u>

LAND USE INFORMATION

Current Zoning: P-D (Carter Grove Planned Development)
Proposed Zoning: T (Technology District, Proposed by T23-04)

Proposed Use: Data Center

Current Zoning of Adjacent Property:

North: City- R-20 (Single Family Residential), P-D. Uninc. County- A-1, Agricultural

South: A-1. Paulding County- R-2 (Suburban Residential District [UDC])

East: <u>A-1, R-20</u> West: <u>A-1, P-D</u>

The Future Development Plan designates the subject property as: **Neo-traditional** 

<u>Neighborhood</u>

The Future Land Use Map designates the subject property as: **Low and Medium Density Residential** 

### **ZONING ANALYSIS**

### **Project Summary:**

The applicant, Switch LTD, is proposing the rezoning of approximately 1,946 acres across eight (8) parcels that are undeveloped and currently included in the Carter Grove Community residential planned development (zoning is P-D). Carter Grove was master-planned and approved in 2005 for seven phases containing approximately 3,000 lots. Currently, phase one is approaching full build out of its' 428 lots. Three hundred thirty (330) lots are approved through zoning for Phase 2B along Belmont Dr. If this proposed zoning is approved, the maximum number of lots to be developed in Carter Grove would be capped at 758.

The 1,946 acres is surrounded by residentially zoned or residential use properties within the Cartersville City limits, unincorporated Bartow County, and unincorporated Paulding County. Some lots are undeveloped. Most of the adjacent properties in Paulding County are part of the Senators Ridge subdivision.

The rezoning of the 1,946 acres is a significant shift from the established plan for the properties. Switch is proposing to construct several data storage centers in multiple phases. Full buildout is anticipated to take approx. 20-25 years. Phase 1 is being presented in the zoning application and is located closest to Old Alabama Rd. Future phases would occur west of Phase 1 towards Carter Grove and south to the Paulding County line.

Currently, only one access point is proposed and it is located on Old Alabama Road approximately 700ft. west of Bates Rd. Carter Grove Blvd could be an access point into the development.

Areas of concern that are reflected in the public comments to date include:

- Environmental impacts to soils, water, air, historic and archaeological resources;
- Transportation (Traffic);
- Noise and Light Pollution;
- School Impacts;
- Buffers, screening, setbacks from adjacent residential properties; and,
- Building and communication tower height.

Many of these concerns are addressed through zoning regulations, development regulations that incorporate local and state requirements, and local ordinances.

The rezoning process was preceded by the Development of Regional Impacts (DRI) review. The DRI review, though a public review process, is intended for local governments and agencies to review large projects and provide comments that are incorporated into a final report with

**Z23-03** 

recommendations prepared by the local Regional Commission. The Northwest Georgia Regional Commission prepared the report which is included as an attachment.

### **City Department Comments**

**Electric:** Not in Service Area.

**<u>Fibercom:</u>** Takes No Exception. New infrastructure required for development could benefit

Fibercom.

**Fire:** No comments received.

**Gas:** Takes no exception.

**<u>Public Works</u>**: No comments received.

**Water and Sewer:** Not in Service Area

**City of Cartersville School District:** N/A.

**Public Comments:** Numerous calls and emails

The majority of the inquiries or comments were made by or were from residents of the Senators Ridge subdivision in Paulding County. Senators Ridge abuts the southern boundary of the Parcels identified for rezoning. See map.

<u>Detailed comments and/ or recommended zoning conditions from Paulding County residents</u> are attached.

The zoning application and text amendment, T23-04, were posted to the city's meeting webpage on Friday, 9/8, at 1:35pm. The zoning text amendment applications were sent via email to those who requested it.

### Generalized summary of public comments and/ or questions:

- 1. What is the process and where does it stand to amend the Future Land Use Plan to accommodate this use?
- 2. What does the phasing plan look like?
- 3. Where are the access locations and how many access points will there be?
- 4. How close to my property will the future phase data centers be constructed?
- 5. How much noise will a data center generate?
- 6. What are the power use requirements? Will this cause electrical blackouts in my area?
- 7. What are the development impacts to the Etowah Valley Historic District?
- 8. What are the development impacts to the environment- noise, air, water, soil, light pollution?
- 9. Are there rare or endangered species in the development areas like the Cherokee and Etowah Darters. Will they and their habitat be protected?
- 10. Strict setbacks, buffers, and screenings need to be implemented, if approved.
- 11. Strict noise limitations need to be implemented, monitored, and enforced, if approved.
- 12. Limit the height of communication towers. (100ft height restriction is the common height suggested).

### STANDARDS FOR EXERCISE OF ZONING POWERS.

The existing land uses and zoning of nearby property.
 The adjacent properties are zoned and serve as either residential uses or are undeveloped.

The suitability of the subject property for the zoned purposes.
 The property is suitable for the zoned purposes (residential). Engineering challenges do exist because of steep topography and environmental features, like natural springs and streams, for residential development.

3. The relative gain to the public, as compared to the hardship imposed upon the individual property owner.

The public gain may be significant in terms of:

Short term job creation (Construction)

Long term job creation (technology manufacturing and installation, maintenance); Minimal or no impacts on school districts; and,

Reduced traffic in comparison to residential or commercial development.

Concerns about environmental impacts are appropriate, but a full residential buildout of future phases of Carter Grove would likely generate similar impacts.

No other plans for acquisition or development have been presented to staff. The long held belief is that the properties would be developed as residential.

No hardship to the current property owner has been stated.

- 4. Whether the subject property has a reasonable economic use as currently zoned.

  The property has a reasonable economic use as currently zoned.
- 5. Whether the zoning proposal will permit a use that is suitable in view of the use and development of adjacent and nearby property.

The zoning proposal may permit a use that is suitable in view of the use of the adjacent residential use properties if appropriate setbacks, buffers and design standards are used. Without appropriate setbacks, buffers and design standards, the compatibility of the proposed use adjacent to residential uses deserves extensive review.

6. Whether the proposed zoning will adversely affect the existing use or usability of adjacent or nearby property.

The zoning proposal may have an adverse effect on adjacent residential properties if appropriate setbacks, buffers and design standards are not implemented.

Accessibility to undeveloped landlocked properties will require further discussion between the zoning applicant and property owners.

The NRCS may require access to its' Pumpkinvine Creek Flood Control Structures 1 and 2 via the zoning applicants' properties.

7. Whether the zoning proposal is in conformity with the current future development plan and community agenda of the comprehensive land use plan as currently adopted or amended in the future.

The zoning proposal does not conform to the current Future Development Map (Neo Traditional Neighborhood), or to the Future Land Use Map (Low to Medium Residential). The zoning proposal is a completely new approach to the use of the property. If the zoning is approved, these maps would have to be revised.

8. Whether the zoning proposal will result in a use which will or could adversely affect the environment, including but not limited to drainage, wetlands, groundwater recharge areas, endangered wildlife habitats, soil erosion and sedimentation, floodplain, air quality, and water quality and quantity.

No adverse environmental impact is anticipated with development of the site. The data center site designers must comply with all local and state environmental ordinances and laws.

There are (2) flood control structures constructed by the Natural Resources Conservation Service (NRCS). One dam each on Parcels C119-0001-001 and C119-0001-003. These were constructed to assist with flood prevention along the Pumpkinvine Creek tributaries. More information is provided in the DRI Report and Recommendations, included.

9. Whether the zoning proposal will result in a use which will or could cause an excessive or burdensome use of existing streets, transportation facilities, utilities, or schools.

The proposed zoning and land use would decrease the burden on streets, transportation, and schools more so than a full residential buildout. Electric utilities would be used extensively.

Concerns about electrical demand causing blackouts may need to be addressed with adjacent property owners.

10. Whether there are other existing or changing conditions affecting the use and development of the property which give supporting grounds for either approval or disapproval of the zoning proposal.

Through the DRI review process Paulding County has requested a review of the site plans for future phases as the future phases are planned and/ or developed.

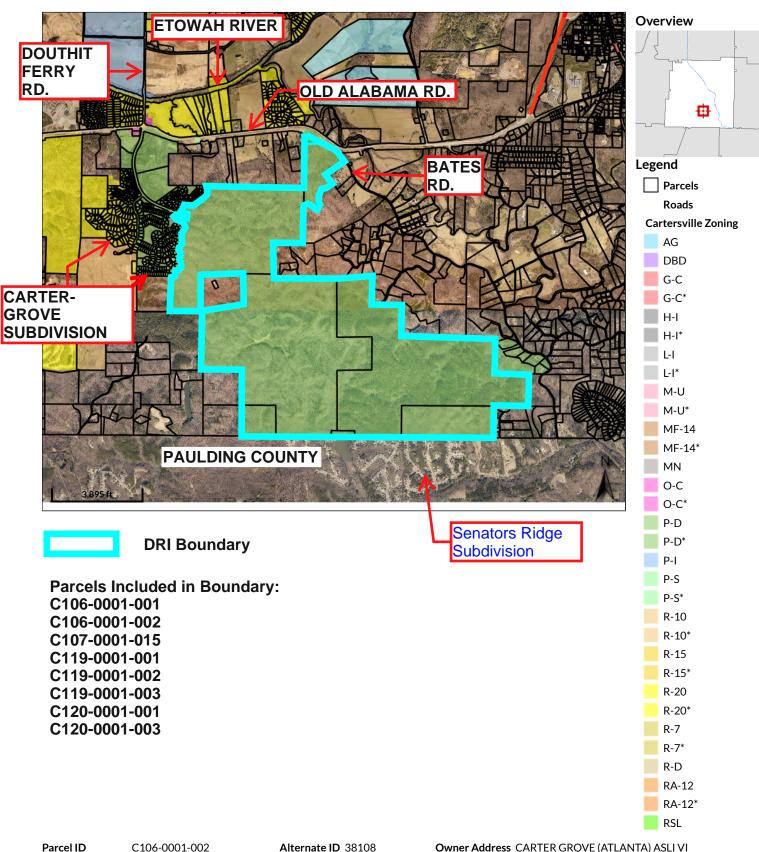
There are no other identified conditions except for potential conditions suggested in the public hearing process.

### **STAFF RECOMMENDATION:**

Staff does not oppose the rezoning if the following minimum conditions are included with an approval:

- 1. All minimum zoning development standards for the "T" zoning district are followed per Text Amendment, T23-04.
- 2. A minimum 100ft. natural landscape buffer for the purposes of visual screening remain in place along all adjacent residential use or zoned properties. The 100ft. buffer may include the building setback.
- 3. If the minimum 100ft. natural landscape buffer is disturbed, then the buffer is to be planted with landscape material appropriate to re-establish the buffer and visual screen.
- 4. General access allowed only from Old Alabama Rd.
- 5. Emergency Services and Construction access only is allowed from Bates Rd.
- 6. Modify the Carter Grove Development Agreement to reflect a change in use of the future phases as result of a zoning approval;
- 7. Access to landlocked properties will be negotiated between Switch LTD and affected property owners, as requested by the property owner.
- 8. Access to the NRCS flood control structures to be negotiated between Switch LTD and the NRCS or their representative, as required.
- 9. All site plans for future development phases after Phase 1 are to be shared with the Paulding County Community Development office.

## 



Parcel ID C106-0001-002
Sec/Twp/Rng n/a
Property Address OLD ALABAMA RD

Alternate ID 38108
Class Residential
Acreage 3.69

Owner Address CARTER GROVE (ATLANTA) ASLI VI 923 N PENNSYLVANIA AVE WINTER PARK, FL 32789 District Brief Tax Description Cartersville LL959 LD4

(Note: Not to be used on legal documents)

Date created: 8/29/2023

Last Data Uploaded: 8/28/2023 9:01:49 PM



Application for Rezoning	Case Number: 223-03
City of Cartersville	Date Received: 8 17 23
Public Hearing Dates:	
Planning Commission Oct. 10 1st City Council 15:30pm 7:00pm	2 <sup>nd</sup> City Council Nov. 2 202
Applicant Switch, Ltd Office Phone (printed name)	
Address 7135 5. Deatur Blood Mobile/Other P	Phone
City Lus Vegas State NV Zip 89118 Email	
Brandon L. Bouen  Phone (	(Rep) 770/387·1373
(2 14 April (R	(dep) bowen ejbupe. com
Representative Signature Applicant Signature	
Signed, sealed and delivered in presence of:  My comm	mission expires:
BRIANNA ELLIS Notary Public, Georgia Bartow County My Commission Expires	
April 23, 2027	<del></del>
* Titleholder Carter Grove (Attent) ASLI VI Phone (titleholder's printed name)	
Address Email	
Signature	
Signed, sealed, delivered in presence of:  My com	mission expires:
Notary Public	
500	oning T (Technology)
Location of Property:  South of Old Alabama (street address, nearest intersections, etc.)	Parcel ID No. See Ex A
Reason for Rezoning Request: To Allow For Dat	ta Center
(attach additional statement as nece	oscaru)
factoria additional statement as nece	- 33 GI Y /

<sup>\*</sup> Attach additional notarized signatures as needed on separate application pages.

Application for Rezoning		Case Number:		
City of Cartersville		Date Received:		
Public Hearing Dates:				
Planning Commission	1st City Council	2 <sup>nd</sup> City Council		
5:30pm	7:00pm	7:00pm		
Applicant Switch, Ltd.	Office Phone			
Address 7135 5. Deat	Mobile/Other Phor			
City Lus Vegas	State VV Zip 87119 Email			
	Phone (Rep	770/387-1373		
12u	Email (Rep)	bbowen ejbupe.com		
Population Signature	A I' C'			
Representative Signature	Applicant Signature			
Signed, sealed and delivered in presence	of: My commiss	ion expires:		
Notes Dublic				
Notary Public				
* Titleholder <u>Carter Grave</u> ( (titleholder's printed name)	41 ASLI VI, L.L.L.P. Phone 407-628-8488			
Address 923 N. Pennsylvania Ave,	Winter Park <sub>Email</sub> adubill@avantip	prop.com		
Signature	as Executive Vice President of	Avanti Management Corporation, the sole		
general partner of wanti Properties Grand, sealed, delivered in presence of:	roup II, L.L.L.P., the sole general partne	r of Carter Grove (Atlanta) ASLI VI, L.L.L.F		
		sion expires: March 21,2026		
Margaut Huts Notary Public	MARGARETH MY COMMISSION #1			
Notary Public	EXPIRES: Merch 2			
Present Zoning District P-D	Requested Zoni	ng T (Technology)		
Acreage Land Lot(s)	District(s)	Section(s) See Ex 4		
Location of Property: South of (street address,	old Alabama Kul nearest intersections, etc.)	Parcel ID No. See Ex A		
Reason for Rezoning Request:	Allow For Data	Center		
	(attach additional statement as necessary	ary)		

<sup>\*</sup> Attach additional notarized signatures as needed on separate application pages.

### **CAMPAIGN DISCLOSURE REPORT** FOR ZONING ACTIONS

Pursuant to O.C.G.A. 36-67A-3 any and all applicants to a rezoning action must make the following disclosures:

Date of Application:

1.

2.

	YES	NO
Mayor: Matt Santini		
Council Member:		
Ward 1- Kari Hodge		
Ward 2- Jayce Stepp		
Ward 3- Cary Roth		
Ward 4- Calvin Cooley		
Ward 5- Gary Fox		
Ward 6- Taff Wren		
Planning Commission		
Lamar Pendley, Chair		
Anissa Cooley		/_
Fritz Dent	<del></del>	
Greg Culverhouse		
Jeffery Ross		
Stephen Smith		_//
Travis Popham		

Print Name: Andrew J. Dubill, as Executive Vice President of Avanti

Management Corporation, the sole general partner of Avanti Properties Group II, L.L.L.P., the sole general partner of Carter Grove (Atlanta) ASLI VI. L.L.L.P.

Andrew J. Dubill

### Exhibit A Rezoning Application

Parcel #	Acreage	Land Lots [All in LD 4 S 3]		
C106-0001-002	3.69	959		
C106-0001-001	64.9	985, 986, 1031		
C107-0001-015	430 +/-*	954, 991, 1027, 1028, 1029, 1059, 1060, 1061, 1062, 1099, 1100, 1101, 1102, 1134		
*Does not include portion of this tax parcel at corner of Carter Grove Blvd and Old Alabama Road in LL 991, 997 and 954, being approximately 44 +/- acres.				
C119-0001-001	681	1132, 1131, 1130, 1175, 1174, 1173, 1172, 1205, 1204, 1203, 1202, 1201, 1247, 1246, 1245, 1275, 1274		
C120-0001-001	600.12	1129, 1176, 1177, 1200, 1199, 1198, 1197, 1248, 1249, 1250, 1251, 1252, 1253, 1273, 1272		
C120-0001-003	120	1271, 1270, 1269		
C119-0001-003	5.5	1273		
C119-0001-002	40	1276		

See also attached ALTA Survey, showing that the entirety of these property is 1945.64 acres, more or less.

# CAMPAIGN DISCLOSURE REPORT FOR ZONING ACTIONS

Pursuant to O.C.G.A. 36-67A-3 any and all applicants to a rezoning action must make the following disclosures:

1.

2.

ing disclosures.						
Date of Application:	17/23					
Date Two Years Prior to Applicati	ion: 8/17/21					
Date Five Years Prior to Application: \( \frac{\partial}{17} / 1 \frac{\partial}{2} \)						
Has the applicant within the five made campaign contributions ag						
	YES	NO				
Mayor: Matt Santini	<u> </u>	-7				
Council Member:		1				
Ward 1- Kari Hodge						
Ward 2- Jayce Stepp	<u> </u>					
Ward 3- Cary Roth						
Ward 4- Calvin Cooley	-					
Ward 5- Gary Fox						
Ward 6- Taff Wren						
Planning Commission						
Lamar Pendley, Chair		:				
Anissa Cooley	-	<u> </u>				
Fritz Dent	-					
Greg Culverhouse	<u> </u>					
Jeffery Ross	-					
Stephen Smith	<u> </u>					
Travis Popham						
If the answer to any of the above amount, date, and description of years.	<del></del>					
	Signature	8/15/23 Date				
	Boulan Bo	wen				

# CAMPAIGN DISCLOSURE REPORT FOR ZONING ACTIONS

Pursuant to O.C.G.A. 36-67A-3 any and all applicants to a rezoning action must make the following disclosures:

	Date of Application:	123	
	Date Two Years Prior to Application:	8/17/21	
	Date Five Years Prior to Application:	8/17/18	
1,	Has the applicant within the five (5) ye made campaign contributions aggregate		
	Mayor: Matt Santini Council Member: Ward 1- Kari Hodge Ward 2- Jayce Stepp Ward 3- Cary Roth Ward 4- Calvin Cooley Ward 5- Gary Fox Ward 6- Taff Wren	YES	NO /
	Planning Commission Lamar Pendley, Chair Anissa Cooley Fritz Dent Greg Culverhouse Jeffery Ross Stephen Smith Travis Popham		
2.	If the answer to any of the above is Yes amount, date, and description of each years.		
	_	gnature Toy LIES	9/15/23 Date
	Pr	int Name	

# JENKINS, BOWEN & WALKER, P.C.

ATTORNEYS AT LAW

FRANK E. JENKINS, III BRANDON L. BOWEN ROBERT L. WALKER ERIK J. PIROZZI ELLIOT T. NOLL C. KIMBERLY PRINE

15 SOUTH PUBLIC SQUARE CARTERSVILLE, GEORGIA 30120-3350

TELEPHONE (770) 387-1373

FACSIMILE (770) 387-2396

www.jbwpc.com

August 17, 2023

Mr. David Hardegree City Planner City of Cartersville, Georgia

Re:

Switch, LTD text amendment and rezoning application

Letter of Intent

Greetings David,

I am pleased to submit this Letter of Intent in association with the proposed text amendment and rezoning application submitted contemporaneously on behalf of Switch, LTD. Switch is the recognized world leader in data center design, development and operation. We are pleased to propose the development of Switch's newest data center in Cartersville.

The site of the proposed development is the undeveloped back of the Carter Grove Planned Development.<sup>1</sup> I have submitted a current ALTA boundary survey showing the entire boundaries of this property. The current condition of that property is undeveloped and subject to a planned development zoning and development agreement with the City of Cartersville. We propose the termination of the development agreement as to the subject property and rezoning to a new Technology zoning classification, which is addressed in the text amendment application.

If approved, the new Technology district restrictions will allow the development of this property in a way that has far less impact than the current planned development (which contemplates thousands of homes and the traffic that would be associated with it). At the same time, the proposed use does not have the traffic volume of retail operations, or the truck traffic associated with industrial manufacturing and logistics users. It will also bring best in class telecommunications facilities to our community, and resolve the broadband desert that many experience on the south side of Cartersville.

Note that this application does not include the approximately 45 +/- acres at the entrance of Carter Grove at the corner of Old Alabama Road and Carter Grove Blvd. Switch has no interest in that property and does not propose any change to its zoning status.

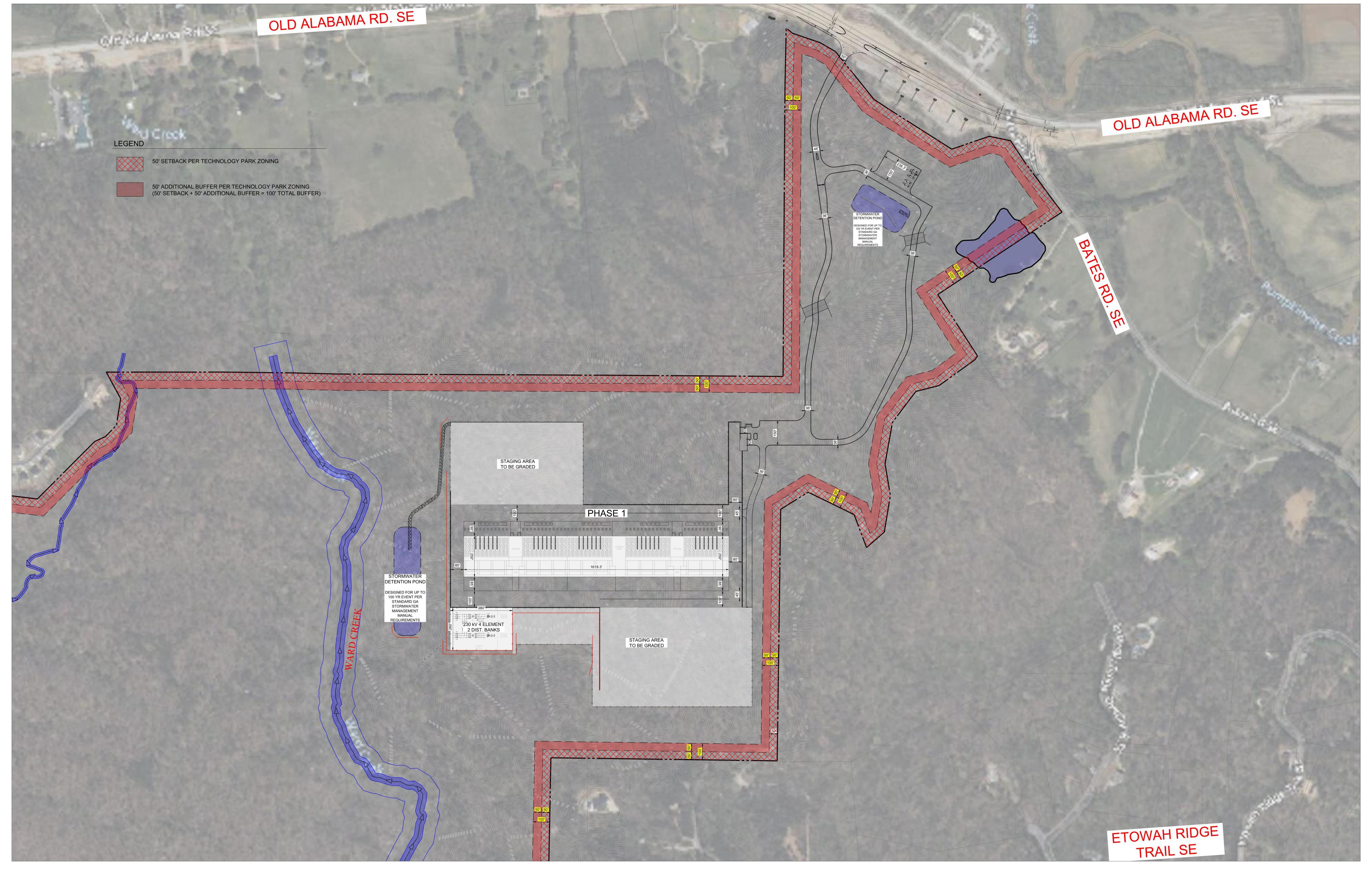
I am including a site plan, which shows both the planned phase 1 of the development, as well as future development areas as buildout progresses. We are of course happy to discuss this with you in greater detail at your convenience.

Very truly yours,

JENKINS, BOWEN & WALKER, P.C.

Brandon L. Bowen

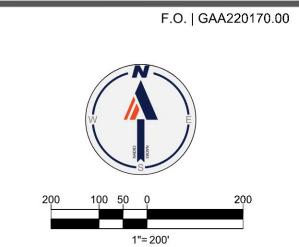
Enclosures

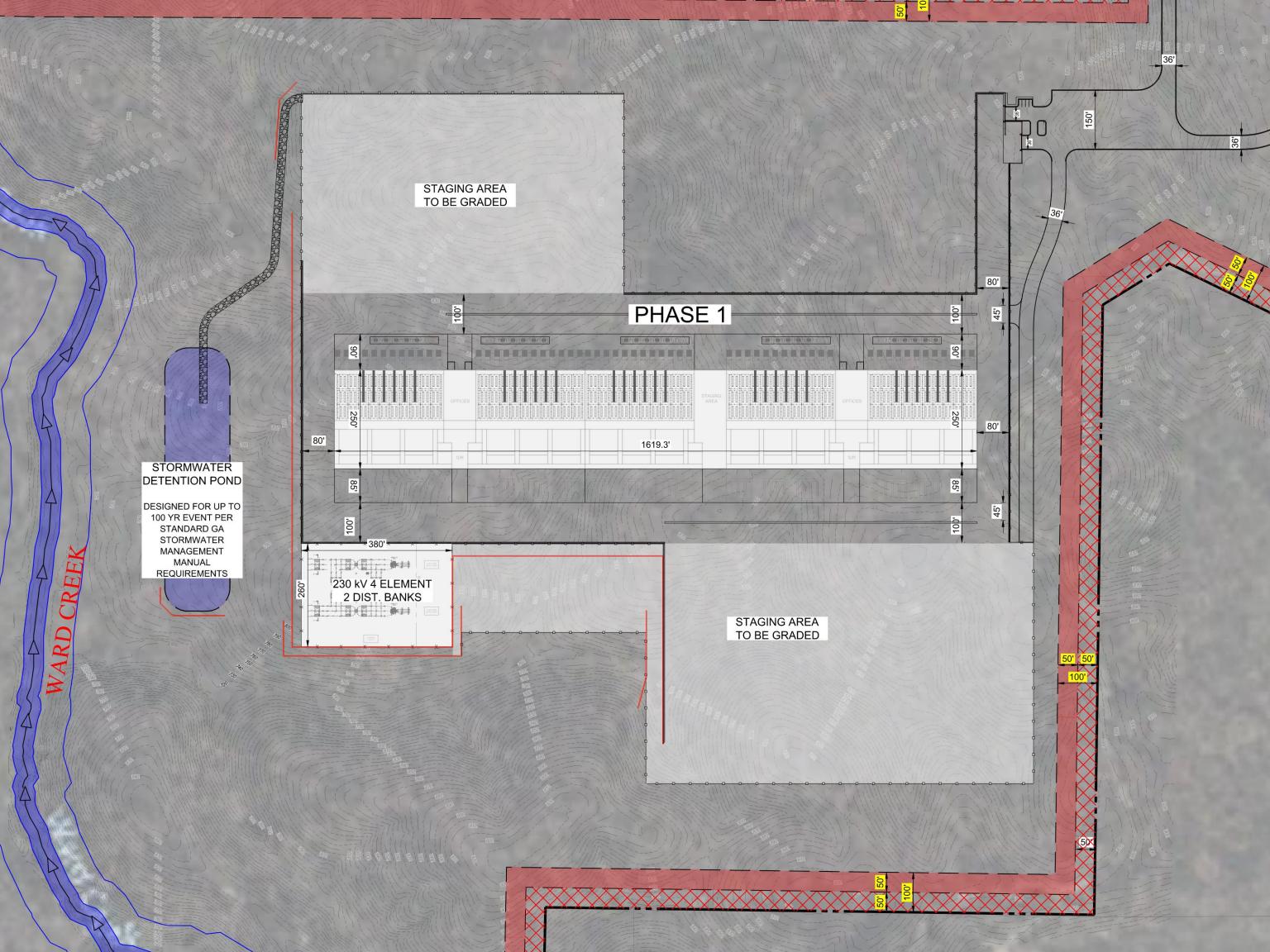


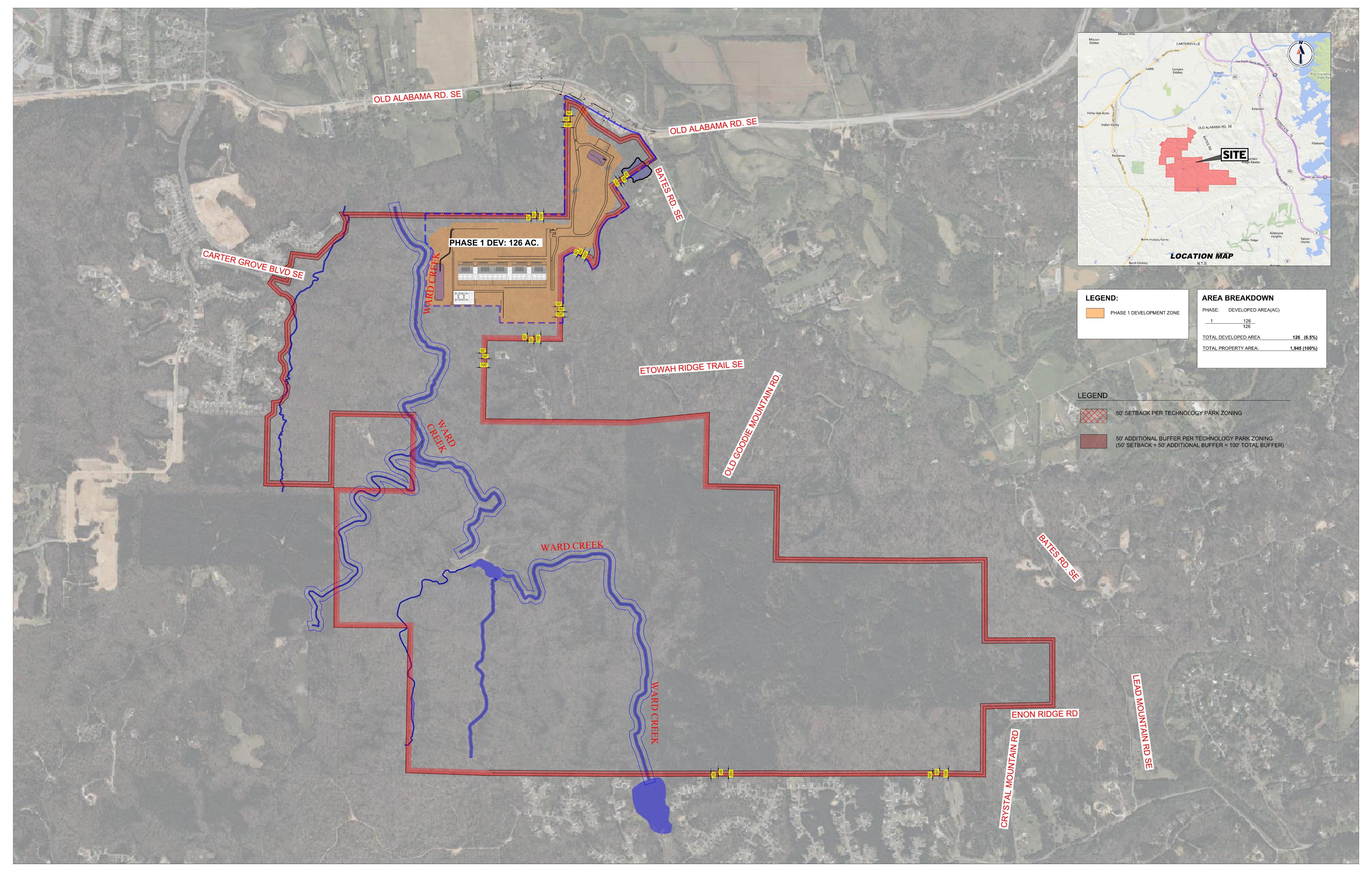






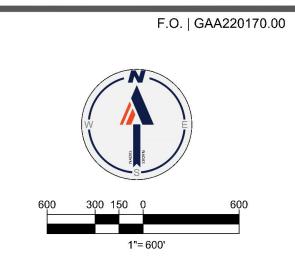


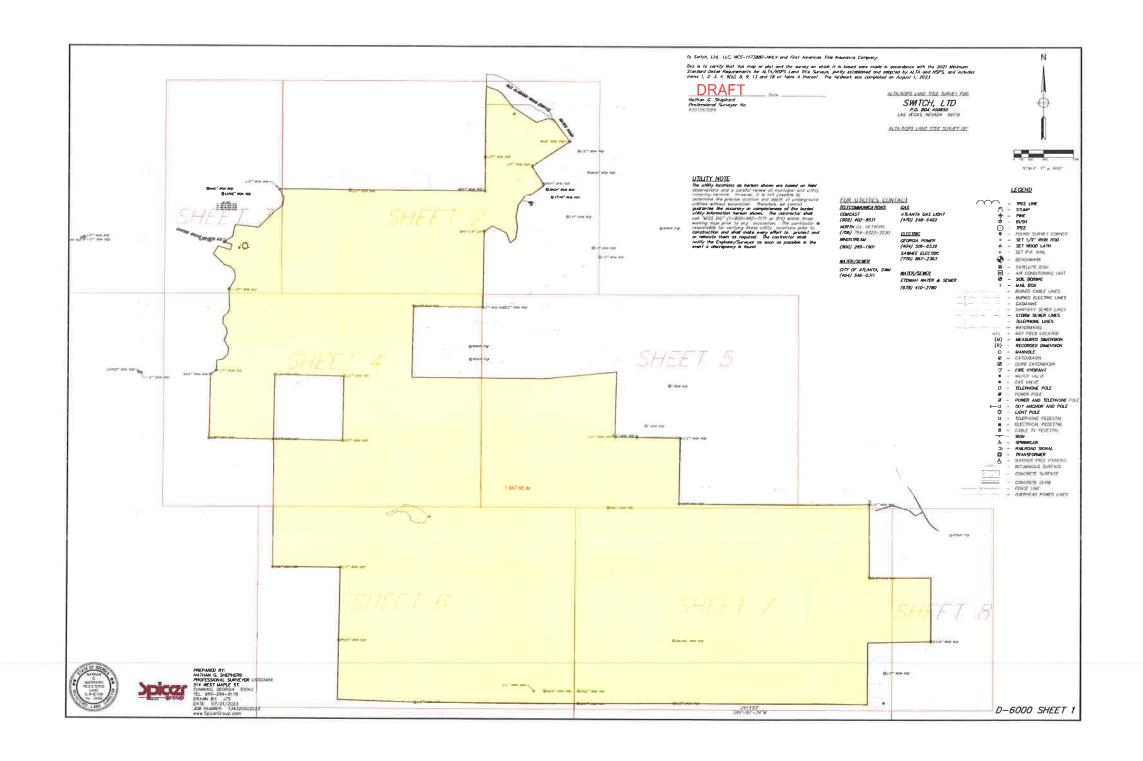


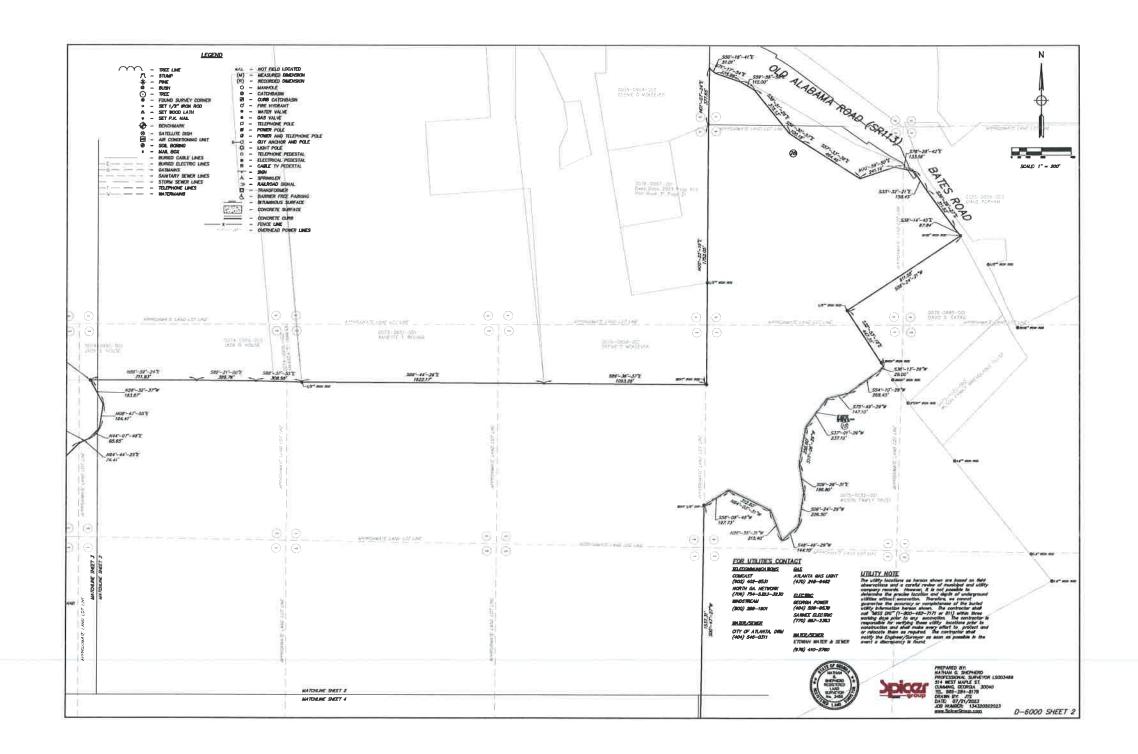


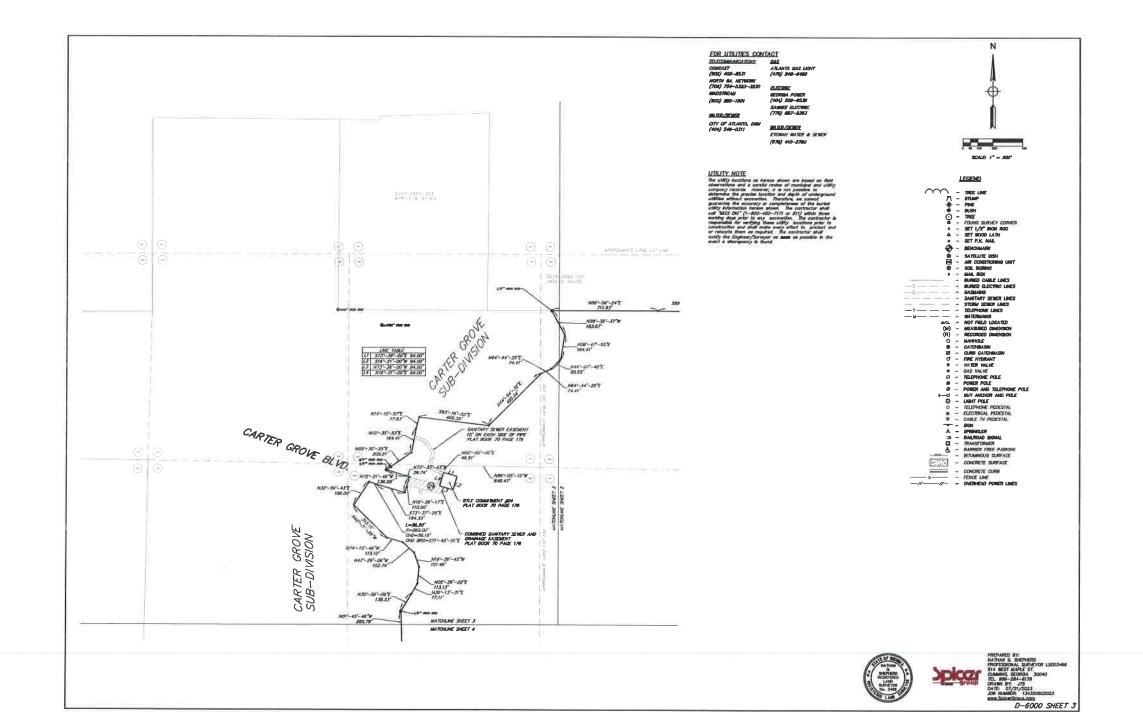


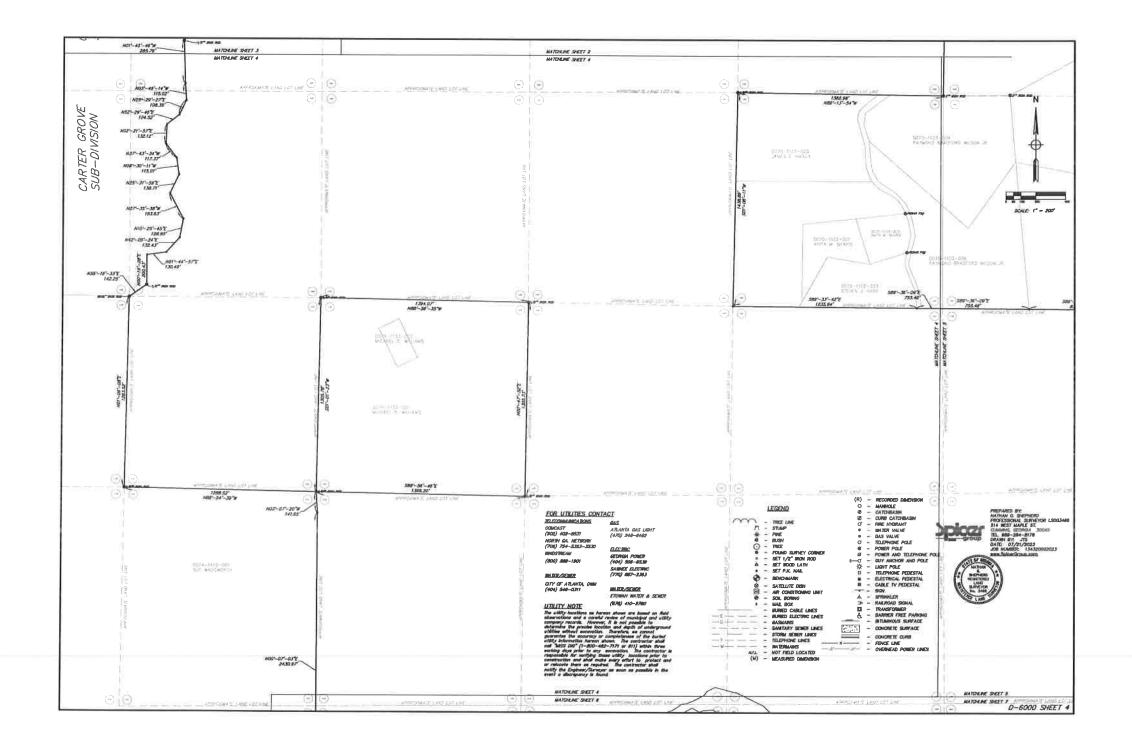


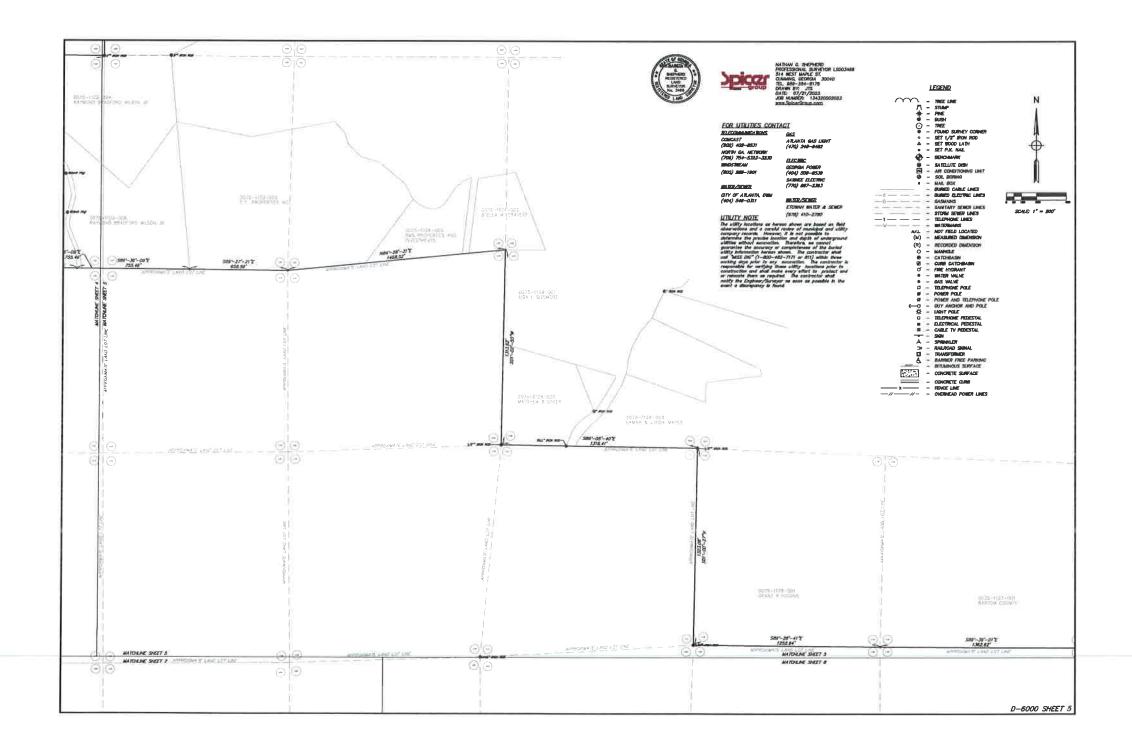


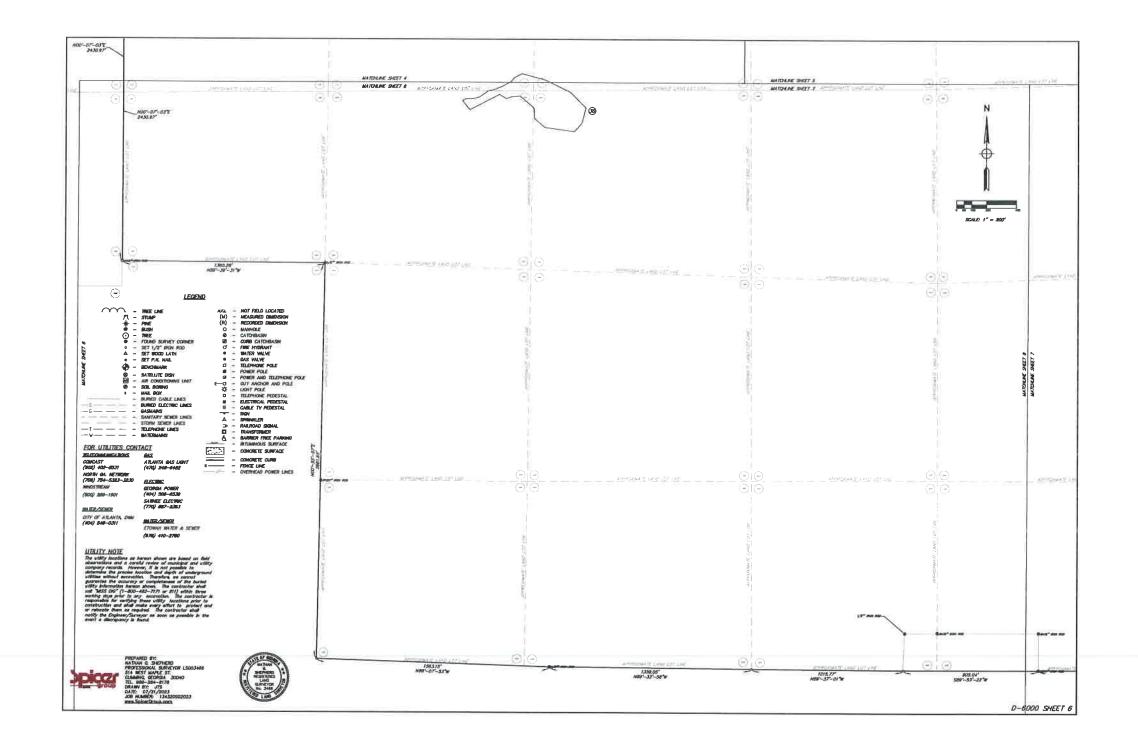


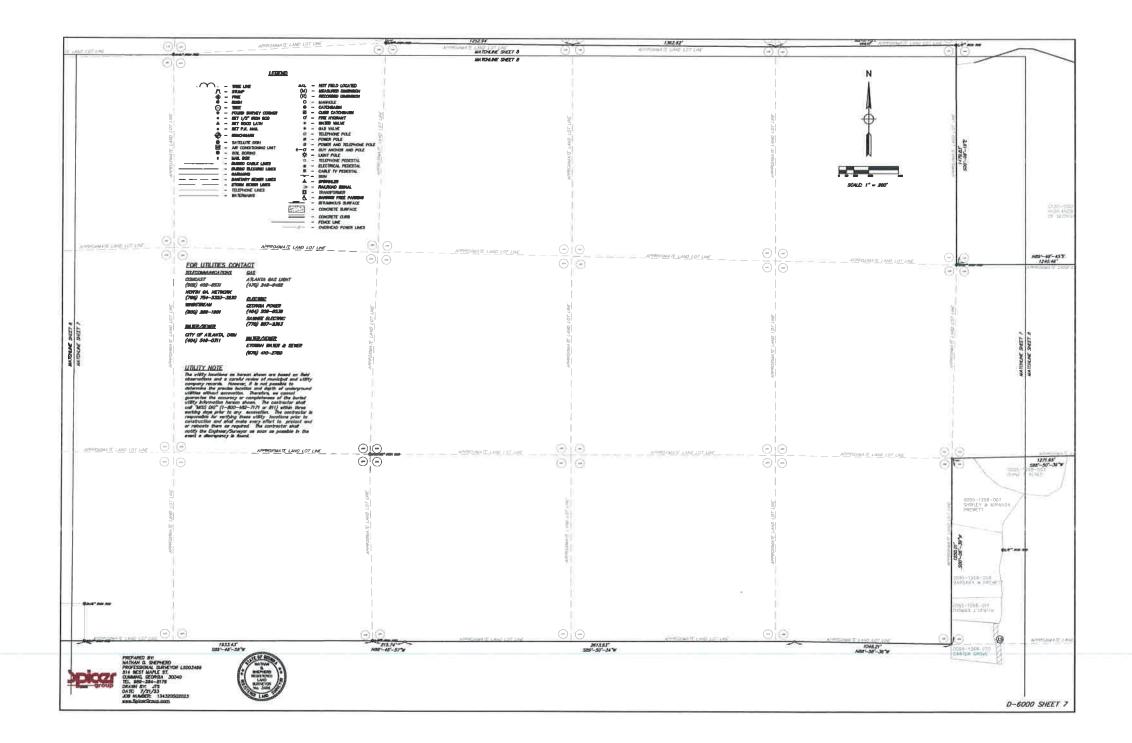


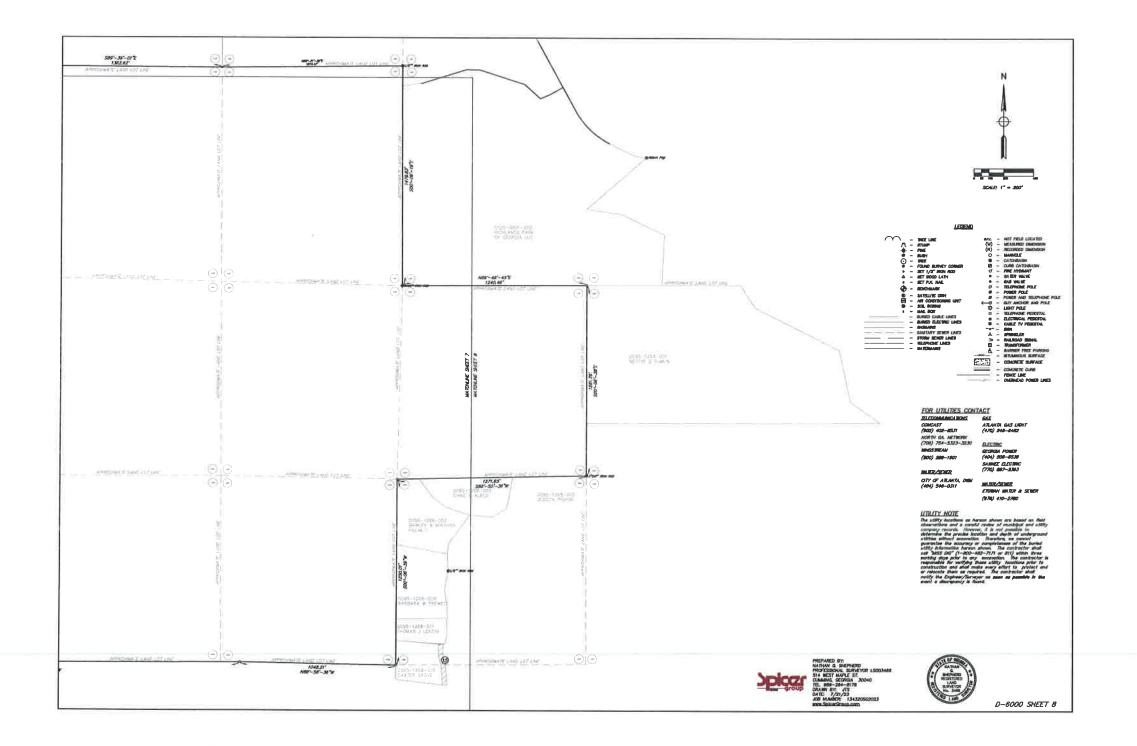












PARCEL DESCRIPTION (AS FURNISHED PER TITLE COMMITMENT NO. NCS-1173880-HHLV) PARCEL DESCRIPTION (cont.) FIDENTIFIED AS TRACT 51 ALL THAT TRACT OR PARGEL OF LAND LYING AND BEING IN LAND LOTS \$55, \$65, \$66, 1027, 1028, 1029, 1032, 1034, 1034, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1037, 1036, 1036, 1037, 1036, 1037, 1 BEGINNING AT AN IRON PIN FOUND AT THE INTERSECTION OF THE WEST LINE OF LAND LDT 959 WITH THE SOUTH ROHT-OF-WAY OF CLD ALMSHAM ROAD (R/W VARES). THE HOUSE ALGORY OF CUPYET OF THE FORDIT HANDON A ROADLE OF 1322-04 FEET AND AN ARC LENGTH OF 90.98 FEET, HENG SUITEMED BY A CHORD OF SOUTH 78 DEGREES 35 MINUTES 33 SECONDS EAST FOIL A DEGREE OF 90.98 FEET ALGORY OF SOUTH 78 DEGREES 35 MINUTES 33 SECONDS EAST FOIL A DEGREE OF 90.98 FEET ALGORY OF SOUTH FRONT-OF-MAN OF CLD ALMSHAM ROAD TO A PROME, THE SECRET OF THE LEFT HAVING A RADIUS OF 610.00 FEE. AND AN AND LENGTH OF 143.50 FEET, SERIOS SUBTINCED BY A CHOISE OF SOUTH 689 DICREES 55 WHITES 28 SECONDS EAST THAN SUBTINCED BY A CHOISE OF SECONDS EAST THAN SUBTINCED SECONDS EAST OF A SOUTH 689 DICREES SECONDS EORITE SECONDS EAST OF A SOUTH 689 DICREES SECONDS EORITE SECONDS EAST OF A SOUTH 689 DICREES SECONDS EORITE SECONDS EAST OF A SOUTH 689 DICREES SECONDS EORITE SECONDS EAST OF A SOUTH 689 DICREES SECONDS EORITE SECONDS EAST OF A SOUTH 689 DICREES SECONDS EORITE SECONDS EAST OF A SOUTH 689 DICREES SECONDS EORITE SECONDS EAST OF A SOUTH 689 DICREES SECONDS EORITE SECONDS EAST OF A SOUTH 689 DICREES SECONDS EORITE SECONDS EAST OF A SOUTH 689 DICREES SECONDS EORITE SECONDS EAST OF A SOUTH 689 DICREES SECONDS EAST OF A SOUTH 689 DICREES SECONDS EORITE SECONDS EAST OF A SOUTH 689 DICREES SECONDS EORITE SECONDS EAST OF A SOUTH 689 DICREES SECONDS EORITE EORITE SECONDS EORITE EORITE SECONDS EORITE EORITE EORITE SECONDS EORITE EORITE EORITE EORITE EORITE EORITE FOR A DISTANCE OF FIGURY TEST ACROSS DESCRIPTION OF CLD ALABAMA RIGID TO A POINT.

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SCHEDULE B-2 EXCEPTIONS

TITLE COMMITMENT No. NCS-1173880-HHLV EFFECTIVE DATE: APPRIL 19, 2023

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SCHEDULE B-2 EXCEPTIONS (cont.) TITLE COMMITMENT No. NCS-1173860-HHLV EFFECTIVE DATE: APRIL 19, 2023

22. Certificate of Delification and Meintenance Agreement by and between Stere Simpson and Corter Grove Plantetins, LLC and the City of Cortervities. Geograph, an ambiglied proporation, clade May 2006, Refe for recent June 23, 2007, collection of the Cortervities Corte

23. Heartellar Life Agrammit by Siess Simpani, Simpani, Forbly, LLC of Carlin British Galify, consulty of Green and Carling British Galify, consulty, Gotter Green Grownians, LLC, of Garpis British Hobilty company and Maylah Development, LLC, of Georgia British Galify company, dotted Jonus 15, 2008, filed for record Jonusy 16, 2008, document of Carling British Galify Carling Ca

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Agreement Regarding Future Conveyances by and between Carter Grave (Allonda) ASIA, LLLE, a Delowers limited flobility company and Wanut Grave Plantation, Inc., a Georgia corporation, dated Docember B, 2010, Red for record December B, 2010, and recorded in Oseal Book 2452, Page 845.

27. Exemends copiers present to Annuded Order and Judgment entered to Dodet No. 8 - OC-1125 results of Commission of Commission of Department of Transportation in ... 288 and the Commission of Transportation in ... 288 and the Commission of Transportation in ... 288 and the Commission of Comm

2ft. Epsements occurred pursuant to Amended Order and Judgment entered to Dockel No. 15-CV-1125, Superior Court of Borton County, Garging Allen Amended County, Garging Allen Amended County (Allen County), Garging Amended County, Garging Amended County, Amended County, Amended County, Amended County, Amended County, Amended County, Amended Novel Count

26. Ecrement Num Corter Grave (Allante) ASLI VI LIP to Georgia Powe Company, detail December 17, 2015, Red for record February 6, 2017, or recorded in Geod Book 2597, Page 254, ofcreedid records. (Does not of

30. Eosemett from Corter Grovs (Atlanta) ASLI VI LLP to Georgia Power Company, dated December 12, 2016, 'Red for record Fateriary 8, 2017, and recorded in Deed Book 2827, Page 287, ofereasile records. (Does not offect)

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Sünftery Severtine Easement from Corter Grove (Albanta) ASJ VI LIF to Bertow County, Deorgia, dated Nevember 17, 2022, fied for record December 2, 2022, and recorded in Deed Book 3515, Page 978, oforeacid records. (Does not affect)

33. Exception is token to any consequences origing from the follows of the Bodine County Tax Assessor to properly ossess tax Map References Number 1000 for the Market Secretarily of records from the Land Secretarily of records of the County Republic County Secretarily of the Earlies of Sieve Simpson and Bartier County Matter Department, recorded in Deed Section 1307, Popp 2700, disreseld recorded concretated by Connective Outside Proceedings of the County Section 1000 for t

A4. Exception is taken to the rights of other in out to the following roods that except on Parcel II of adjacts property.

Lone Ridge Root is the Root of the Root

35. Exception is taken to the rights of other in and to a lake located in the north east portion of Parcel B. (Goes not affect)

38. Rights, interests, and ecsements of any and all person(s) or legal entity (les) this have buried total or parts of burief total located on the premises of a semetery, hauding an essement of ingress and egrees to and from grove lots over driveways, clique, walks, and other ways of occess, located on Person & or subject preparts.

37. Matters shown on plot recorded in Plot Book 4, Page 101, aforesald records. (Dose not affect)

38. Matters shown on plot recorded in Plot Book 14, Page 164, aforesold records (Unable to read document)

39. Matters shown on plat recorded in Plat Book 22, Page 70, aforesald records. (Does not affect)

40. Matters shown on plot recorded in Piet Book 57, Page 249 oforesold records. (Does not affect)

41. Motters shown an plat recorded in Plat Book 82, Pages 245, 246, 247, 248, 249 and 250 afterworld records. (Does not affect)

42. Matters as would be disclosed by a current and occurate survey and inspection of the Land.

#### PARCEL DESCRIPTION (AS-SURVEYED)

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#### Excepting the following.

A Parcel of land situated in Land Lat 1062, 4th District, 3rd Section, Bartow County Georgia, commencing at the Northeast Corner of sold Land lat 1062; thence N.83-05'-12'W, 646.47 feet along the North line of sold Land Lat 1062; thence S.00'-00'-00'-0, 46.91 feet to the point of beginning, thence S.73'-38'-00'E, 94.00 feet; thence S.16'-21'-00'W, 94.00 feet; thence N.16'-21'-00'E, 94.00 feet to the point of beginning, containing 0.20 acres more or less of land.



D-6000 SHEET 9

## **PUBLIC COMMENTS**

### **David Hardegree**

From: Amy Robbins <windowsitter@gmail.com> Tuesday, September 12, 2023 6:18 PM Sent: To:

David Hardegree; Amy Robbins

[EXTERNAL] Switch rezoning comments **Subject: Attachments:** SWITCH REZONE.docx; ATT00001.txt

### This email originated from outside the City of

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Cartersville network. Do not click links or open attachments unless you recognize the sender and know the content is safe.

### Sender: windowsitter@gmail.com

Dear sir, please see the comments as they apply to the Switch rezoning application Thank you **Amy Robbins** 80 Canal Rd Dallas, GA 30132 423-341-3370

Please include our comments for the rezoning and to the NWGPRC for the DRI process submitted by SWITCH or any other entities as to the impact on Senators Ridge and The Capital at Senators Ridge Subdivision Home Owners to be noted collectively as (SR)

Parcel Numbers

C120-0001-003

C120-0001-001

C119-0001-001

We request the following please be considered at minimum to address these community impact concerns.

The proposed re-zoning changes are not compatible in usage to be adjacent to our neighborhood Senators Ridge and The Capital at Senators Ridge. We are opposed to the rezoning of these land lots.

Should this rezoning be approved we request these guidelines be stipulated:

- That a 1,000 ft undisturbed buffer be maintained along the Paulding County line adjacent to any SR residential lot
- Land usage for chemical, biological and environmentally hazardous research labs be excluded entirely
- Maximum allowable 55db outdoors noise level <u>EPA Identifies Noise Levels</u>
   Affecting Health and Welfare | About EPA | US EPA, 2000L3LN.PDF (epa.gov)
- Levels not to be exceeded during pre- construction, construction, operation or maintenance activities of any entity
- Noise reduction 24 hours a day, to include: use of sound blankets, sound attenuating walls, for each HVAC unit and generators used in construction, operation or maintenance used by any entity. All HVAC and generator equipment to be used in the sound evaluations and are not to be excluded from evaluations.
- Required annual noise study during peak hours of operations for all entities after each phase is completed for the purpose of enforcement of the sound limit of 55db

### Construction impacts

Blasting limitation to no more than 5 days a week excluding Saturday and Sunday within the hours of 9 -5, school operations to be taken into consideration, seismic monitoring is requested to ensure records are available to the public should damage occur to: homes, walls, pools, pool equipment and surrounds, storm water structures, playgrounds, streets, curbs, sidewalks, play structures, tennis courts and parking lots.

Heightened Erosion control measures are requested, all BMPs to be inspected and maintained in accordance with GSWCC specifications, due to the immediate impacts to the community additional heightened BMP oversight by Georgia EPD to focus on water quality

preservation of the Etowah River, Ward Creek and its impact on Carnes/Collins Lake in SR Subdivision, Pumpkinvine Creek and respective watersheds. That no off-site drainage be allowed, no stormwater discharges be allowed to discharge into the creeks or tributaries (named or un-named) and ravines that run through SR. Controlling entity should collect, store, treat and clean any water prior to discharge, and that outflow should not exceed existing volumes. Our system cannot handle additional flows and we do not want any sort of contaminants coming into SR.

Easement Agreement and O&M Agreement for the dam on Carnes/Collins Lake labeled Pumpkinvine Creek Watershed Structure #1 are to be consider as to the flood levels of the surrounding properties which will be affected by added stormwater volumes.

That stringent enforcement of clearly staked LODs be maintained to ensure that no dumping, construction debris, spoil piles and visual eyesores to the adjacent properties are allowed. That clearing and grubbing take place with construction to help minimize erosion and the impact on BMP maintenance. That a BMP removal plan be implemented and enforced after ground stabilization and unsightly silt fences not be left in place as eyesores to the adjacent homeowners.

Use of water trucks on a regular basis for dust control to thwart fugitive emissions from the project site, music and noise control be implemented to ensure the quality of life for surrounding residents and school activities. A 4' x 4' sign be erected with large legible letters at the construction entrance for the life of the project with the names and contact numbers of the construction permit holders.

Analysis and implementation of additional specialized fire protection throughout all phases of this project, that great care should be taken to protect our surrounding forest. Forest fire in this community could cause a massive loss of life and property destruction of horrible proportions that could easily get out of control. That absolutely no open burning of any kind be allowed at any time to ensure fire safety and the quality of the air for the surrounding homeowners and school complexes in both Paulding and Bartow City/County. This is to include the clearing phase. Future fire protection needs should be addressed for the community.

A Wildlife assessment be completed for trout, bats, turtles and woodpeckers. References:

https://epd.georgia.gov/sites/epd.georgia.gov/files/related files/site page/Trout Stream Design ations by County March 2014.pdf

https://www.nwgrc.org/wp-content/uploads/Regional RIR Map.pdf

http://rules.sos.ga.gov/GAC/391-4-3

"The following waters and all streams within the following watersheds, excluding any impoundments thereon unless specifically included, are designated, in the counties listed, trout waters and shall be open for trout fishing throughout the year"

### Incompatibility between adjacent uses

No commercial activities, construction or fabrication, any business that will produce nuisance, chemical or airborne discharges be allowed adjacent to the SR neighborhood. That all noise and air pollution consideration for construction and operation of future commercial property be heightened to the listed standards in this document. All dumpsters, delivery areas, and the like be located away from SR. That lighting from commercial properties be designed and shielded so as not to add any light to SR properties. Vegetative screening in addition to high quality fencing should be installed.

Thank you for your kind consideration,

Amy Robbins (for correspondence in this matter: windowsitter@gmail.com)

**David Duncan** 

Email dated 9/12/23

From: Amy Robbins <windowsitter@gmail.com>
Sent: Tuesday, October 10, 2023 12:16 PM

**To:** David Hardegree

Cc: HOA

**Subject:** [EXTERNAL] Switch rezoning application -zoning analysis response we

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Cartersville network. Do not click links or open attachments unless you recognize the sender and know the content is safe.

#### Sender: windowsitter@gmail.com

#### Dear Sir:

Upon review of the Switch rezoning analysis noted below, we request a 1000' undisturbed setback and buffer along the county line parcels adjacent to all residential properties of Senators Ridge and The Capital at Senators Ridge. The proposed 100' is woefully insufficient to protect the residential adjacent zone and nature of our subdivision. No amount of new 5' tall plants or fencing at a mere 100' will maintain or replace the 80' tall existing dense forest protection for noise, light, privacy, stormwater runoff and wildlife.

This seems a small concession that could easily be made versus the difficulty of development along this location. We ask that Switch and The City of Cartersville grant this good neighbor concession in the zoning ordinance restrictions.

Thank you Amy Robbins 80 Canal Rd Dallas Ga 30132 422-341-3370

https://mccmeetings.blob.core.usgovcloudapi.net/cviillega-pubu/MEET-Packet-b58e831ed92648fa9166bfd997eba875.pdf

From: Julianne Meadows <jmeadows@nwgrc.org>
Sent: Thursday, September 7, 2023 11:27 AM

To: Andy

**Cc:** David Hardegree

**Subject:** [EXTERNAL] RE: No Data Center

Follow Up Flag: Follow up Flag Status: Flagged

## \*\* CAUTION \* \* \* This email originated from outside the City of

Cartersville network. Do not click links or open attachments unless you recognize the sender and know the content is safe.

#### Sender: jmeadows@nwgrc.org

Dear Sir,

RE: Development of Regional Impact review for DRI 4061 Switch KEEP 2.0 Atlanta North Campus, Cartersville

The DRI review process is designed to be an intergovernmental review process to allow affected parties, which include surrounding local governments, state agencies, and other related agencies, an opportunity to review and comment on the proposed project. Comments received from these agencies are provided to the local government for their use in the local review process. The local review process provides an opportunity for public review and comment on the project. We encourage you to provide these comments at that time, to the local government entity that serves you.

Julianne Meadows Director of Regional Planning Northwest Georgia Regional Commission PO Box 1798 Rome, GA 30162-1798 (706) 295-6485

www.nwgrc.org

----Original Message-----

From: Andy <jixer6002001@yahoo.com> Sent: Wednesday, September 6, 2023 9:02 PM To: Julianne Meadows <jmeadows@nwgrc.org>

Subject: No Data Center

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hello,

This new center is basically in our back yard. We will NOT tolerate a major industrial complex putting out noise 24/7, and will stop this from imposing its fire risks, runoff pollution, and general nuisance on us.

I can't believe you're seriously considering putting this monstrosity within a stone's throw from our peaceful home. This will not stand. We will not allow our property values to take a nosedive while you enrich the wealthy plutocrats bankrolling this train wreck. Take your plans elsewhere.

A. Williams
Paulding county
Senators Ridge Neighborhood

Sent

From: Desiree <terra\_globes@comcast.net>
Sent: Monday, September 11, 2023 12:26 AM

To: David Hardegree; Zack Arnold

Subject: [EXTERNAL] Switch Concerns

\*\*\*CAUTION\*\*\*: This email originated from outside the City of Cartersville network. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Sender:terra\_globes@comcast.net

Hello. On behalf of myself and other residents living in Senators Ridge Subdivision, I am requesting the adoption of more stringent policies for the SWITCH project. Our neighborhood backs up directly to this location at the Paulding County line. Therefore, due to its negative impact on nearby residences and schools, I have laid out some specific technology district policies and city ordinances I would like to see enacted if this re-zoning is approved. The stipulations are as follows:

- 1). Increase the buffer of undisturbed land and trees to 300 ft instead of 75 or 100 feet at the property lines where our neighborhood and county line meets.
- 2). No buildings or towers within Phase 1 or any future phases to be erected within 1/4 mile or 1,300 feet of the Paulding County line where residential and school zonings meet.

These stipulations are requested to shield neighboring residences and schools from the well documented impact that data centers cause in terms of noise and light pollution, soil erosion, fire hazard / spread, and other concerns as listed below.

2). As data center cooling systems run 24/7, and can radiate sound up to 2.5 miles, constant mind disturbing noise is

one of the most concerning issues. As this is a multi phase concept with an expanse of 2,019 acres, adding additional data center buildings will make the noise problem worse. Therefore,

3). Please add an additional ordinance to limit noise from data center cooling systems located within 1 mile of school and residential zonings to a Maximum of 55 decibels both day and night. Determine who is going to follow through with enforcing this.

Noise pollution is a given with data centers as they run 24/7 and emit up to 85 decibels from their huge

HVAC systems and other equipment. There is info found online about how the noise cannot be

controlled and never stops. Day and night, nearby schools and neighborhoods must contend with this

issue as HVAC noise is often exempt from county noise ordinances.

Scientific Study Says Data Center Noise Would Hinder Operations at Bristow, Gainesville Schools bristowbeat.com

\*If the City of Cartersville can write an amendment to add a new zoning classification (Technology District)), then an amendment can be written to the noise ordinance to add a limit on decibels for commercial HVAC systems located near residential and school zonings.

- 4). Restrict the height of buildings to 40 ft and towers to 100 ft. Prohibit these structures from being in view from all vantage points in Senators Ridge. Having these structures in view from anywhere in the neighborhood will likely lower property values and additionally cause light and noise pollution.
- 5). Follow Dark Sky International's 5
  Lighting Principals for Responsible
  Outdoor Lighting. Limit the amount of shorter wavelength
  (blue-violet) light to the least amount needed, no higher than necessary, and
  pointing light beams downward, not toward our
  neighborhood. https://darksky.org/resources/guides-and-how-tos/lighting-principles/

The following list contains additional concerns and reasons I do not approve of this

industry backing up

to Senators Ridge Subdivision:

\* Effects on Ward Creek and Carnes - Collins Lake: Erosion, Pollution. Many homes in Senators Ridge

are located along the Paulding / Bartow line where some of the Switch Data Center parcels back up

to. There are also Senators Ridge properties on Carnes Lake and along Ward Creek that could likely be

affected by any erosion and / or pollution coming down through the creek.

\* Risk of Fire / Explosions: According to data center dynamics.com : "Data center fires continue to

plague the industry, causing huge damage and even the loss of life."

"The main causes of data center fires generally fall into the following categories: electrical failures,

overheating lithium-ion batteries, inadequate maintenance, and human error."

\* Global Switch is listed here in a list of major fires and explosions. With the amount of electricity

load generated with this type of facility, the higher risk makes this type of facility an

inappropriate choice to build next to neighborhoods and schools.

https://dgtlinfra.com/data-

center-

fires/#:~:text=The%20main%20causes%20of%20data,inadequate%20maintenance%2C%20and%
20human%20error.

The fact that these data centers often have employer hired fire brigades on staff tells you this entity

carries an enormous fire / explosion risk. In addition to possible staff on-hand in case of fire, what is the

expected response time from the local fire department to the building(s) in Phase 1? To the buildings

later added further back toward the Paulding county line?

- \* Increased chance of Power outages here in Senators Ridge as a result of this electricity load?
- \* Where are the access roads and parking lots slated to go in? For Phase 1? For future phases?
- \* Surrounding Air and Water Quality: Testing? Established Guidelines? Who monitors and governs

them? How often is testing done? Where can we locate the results on an ongoing basis?

\* Cracked Foundations: The land will likely require rock blasting which has been shown in similar areas

with data centers near neighborhoods to cause cracks in home foundations near similar data

centers. This is an unacceptable risk having this multi phase data center at the back door to our neighborhood.

 $^{\ast}$  Ward Creek which runs through the entire project site is home to the Etowah Darter which is

endangered.

https://georgiabiodiversity.org/profile/profile?group=None&es\_id=19006 Ward Creek / watershed is also a protected trout steam, which again contain the endangered Etowah Darter.

Appendix-A-Etowah-River-Basin-Profiles PDF Document · 17.4 MB

- \* The Etowah Indian Mounds are very close to this area. An archeological survey would need to be done to ensure there are no artifacts in this area.
- \* Also, regarding the buffer marked in green dashes on the DRI location map, David Hardegree mentioned that "The buffer is an indicator for regionally important resources and environmental features within one mile of the project." What does this entail? Senators Ridge falls within the

boundaries of this zone.

I strongly oppose this facility sharing a back door with our residential neighborhood and multiple schools. Please do not approve this Re-zoning, especially without additional stipulations as outlined above.

Thank you, Desiree Griffiths

From: Diane Moumousis < dianemoumousis@gmail.com>

Sent: Wednesday, September 13, 2023 10:26 AM

**To:** David Hardegree

**Subject:** [EXTERNAL] Resident from Senators Ridge & The Capital @ Senators Ridge subdivision

comments for the rezoning and to the NWGPRC for the DRI process submitted by SWITCH or any other entities as to the impact on Senators Ridge and The Capital at

Senators ...

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Cartersville network. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Sender: dianemoumousis@gmail.com

#### To whom it may concern...

SUBJECT: Rezoning and to the NWGPRC for the DRI process submitted by SWITCH or any other entities as to the impact on Senators Ridge and The Capital at Senators Ridge Subdivision

Kindly asking that you... Please reconsider and select 200+ acres in North Georgia where there is a lot of rural land available not near any neighborhoods or schools. Senator Ridge and The Capitol at Senator Ridge are known for the beautiful trees in the neighborhood, large lots, space between homes and how peaceful and quiet it is in North Paulding county. It is a highly sought after neighborhood because of what it offers to those who call it home.

People... Dads, Moms, Teens, little kids. Every decision made by a huge corporation should always place \*People, neighborhoods, and schools\* first. Not the location of a huge industrial building that doesn't belong in what is a natural wooded landscape that took decades for those trees to grow and next to subdivisions and schools. PEOPLE. If the people living in these homes were your family, your daughters, sons, grandchildren, students at a high school a short distance away, would you want this Huge Data Center, that has so many complaints from other subdivisions it is built near, being next door to your house. We see these neighborhoods protesting with their signs and we hear their complaints. That does nothing to make us want to welcome your huge Data Center near our beloved,

wonderful and peaceful neighborhood. You will ruin it and the beautiful trees we see all over this area when you bulldoze them down for your big building. Trees or Cement?? We choose Trees and quiet, not lights and noise. There is so much land in North Georgia, I am positive you can locate land just as good, most likely better, than this 200+ acres located near a neighborhood, family's homes and near a high school.

Please reconsider. It isn't always about money, a corporation's earnings... It is about people and the quality of their lives. It is about whether your huge Data Center ruins the value of peoples' homes in the area when they need to sell, and they lose money instead of their home going up in value because of a huge Data Center with noise, lights running 24/7 & 365 days a year. If something built in the area causes a house, homes in a neighborhood to drop in value, that can be disastrous for middle class families who live paycheck to paycheck. People count on a house increasing in value, not having something built nearby that can decrease its value. Please take a step back and realize your data center could have a huge effect on those who live in this area, financially, physically and mentally. Noise and lights can affect those with migraines, mental, emotional and medical issues. Your data center next to local subdivisions could cause considerable harm mentally, medically and financially. This Data could have a huge effect and once it is built, \*I'm Sorry\* is not the correct answer. Other land was available not near subdivisions, schools - where local residents live, work, and young people go to school. Better choices are available to build on in North Georgia where there is a lot of land available. People come before money. I know you can make it work. You are a HUGE CORPORATION!

All I ask is before you proceed with a huge Data Center next to our beautiful, quiet, peaceful, fabulous neighborhood, Paulding High School and other neighborhoods, would you please take a look at 200+ acres in North Georgia away from any subdivision/neighborhood or school so it will not cause any distress or issues - financially, medically or emotionally for the people whose lives are wonderful and blissful at this time. Nobody wants something to ruin a beautiful, peaceful, community they live in. Please take a step back and seek property farther north of Cartersville... I assure you there is a lot of land available in North Georgia. Making this choice to go North and build... you will make neighborhoods very happy you moved your Data Center elsewhere.

Thank you for your time and considering other options. It is very much appreciated.

Diane Moumousis 116 Georgetown Drive Dallas, GA 30132 The Capital at Senators Ridge

FYI: I bought in The Capital July 2022. Why? Because both of my daughters live in The Capital. One daughter and her husband since 2008 when they were married and the youngest daughter since 2011 when she moved from Oklahoma back to Georgia and bought in the same subdivision as her sister because she loved it. I, the Mom, bought in July 2022 because a house went on the market 2 blocks from my youngest daughter and 1 minute by car from my oldest daughter. It was a Ranch over an unfinished basement. Exactly what I wanted. My daughters had been trying to get me to move since our beloved Husband/Dad went to Heaven 3 1/2 years earlier. When there was no hope of survival, God gave him grace and mercy and called him home. All three of us now live in the Capital. I moved here from a small mountain town in North Carolina that I absolutely loved. But... I am happier here having my daughters close by. And we all love this neighborhood. After hearing about SWITCH being built next to our subdivision, I pray house values do not go down. In 2022 it was a bidding war to buy a house and my house \$30,000 over asking. I knew it would as everything did in highly sought after Senators Ridge and The Capital at Senators Ridge. Being a widow, retiring from Delta Airlines after 42 years because of Covid and purchasing a home, I pray home values do not go down. I need this house to increase in value with time passing, not decrease because of buildings built around it. Very concerned.

Please include our comments for the rezoning and to the NWGPRC for the DRI process submitted by SWITCH or any other entities as to the impact on Senators Ridge and The Capital at Senators Ridge Subdivision Home Owners to be noted collectively as (SR)

Parcel Numbers C120-0001-003 C120-0001-001 C119-0001-001 We request the following please be considered at minimum to address these community impact concerns. The proposed re-zoning changes are not compatible in usage to be adjacent to our neighborhood Senators Ridge and The Capital at Senators Ridge. We are opposed to the rezoning of these land lots. Should this rezoning be approved we request these guidelines be stipulated: • That a 1,000 ft undisturbed buffer be maintained along the Paulding County line adjacent to any SR residential lot • Land usage for chemical, biological and environmentally hazardous research labs be excluded entirely • Maximum allowable 55db outdoors noise level EPA Identifies Noise Levels Affecting Health and Welfare | About EPA | US EPA, 2000L3LN.PDF (epa.gov) • Levels not to be exceeded during pre-construction, construction, operation or maintenance activities of any entity • Noise reduction 24 hours a day, to include: use of sound blankets, sound attenuating walls, for each HVAC unit and generators used in construction, operation or maintenance used by any entity. All HVAC and generator equipment to be used in the sound evaluations and are not to be excluded from evaluations. • Required annual noise study during peak hours of operations for all entities after each phase is completed for the purpose of enforcement of the sound limit of 55db Construction impacts Blasting limitation to no more than 5 days a week excluding Saturday and Sunday within the hours of 9 -5, school operations to be taken into consideration, seismic monitoring is requested to ensure records are available to the public should damage occur to: homes, walls, pools, pool equipment and surrounds, storm water structures, playgrounds, streets, curbs, sidewalks, play structures, tennis courts and parking lots. Heightened Erosion control measures are requested, all BMPs to be inspected and maintained in accordance with GSWCC specifications, due to the immediate impacts to the community additional heightened BMP oversight by Georgia EPD to focus on water quality preservation of the Etowah River, Ward Creek and its impact on Carnes/Collins Lake in SR Subdivision, Pumpkinvine Creek and respective watersheds. That no off-site drainage be allowed, no stormwater discharges be allowed to discharge into the creeks or tributaries (named or un-named) and ravines that run through SR. Controlling entity should collect, store, treat and clean any water prior to discharge, and that outflow should not exceed existing volumes. Our system cannot handle additional flows and we do not want any sort of contaminants coming into SR. Easement Agreement and O&M Agreement for the dam on Carnes/Collins Lake labeled Pumpkinvine Creek Watershed Structure #1 are to be consider as to the flood levels of the surrounding properties which will be affected by added stormwater volumes. That stringent enforcement of clearly staked LODs be maintained to ensure that no dumping, construction debris, spoil piles and visual eyesores to the adjacent properties are allowed. That clearing and grubbing take place with construction to help minimize erosion and the impact on BMP maintenance. That a BMP removal plan be

implemented and enforced after ground stabilization and unsightly silt fences not be left in place as eyesores to the adjacent homeowners. Use of water trucks on a regular basis for dust control to thwart fugitive emissions from the project site, music and noise control be implemented to ensure the quality of life for surrounding residents and school activities. A 4' x 4' sign be erected with large legible letters at the construction entrance for the life of the project with the names and contact numbers of the construction permit holders. Analysis and implementation of additional specialized fire protection throughout all phases of this project, that great care should be taken to protect our surrounding forest. Forest fire in this community could cause a massive loss of life and property destruction of horrible proportions that could easily get out of control. That absolutely no open burning of any kind be allowed at any time to ensure fire safety and the quality of the air for the surrounding homeowners and school complexes in both Paulding and Bartow City/County. This is to include the clearing phase. Future fire protection needs should be addressed for the community. A Wildlife assessment be completed for trout, bats, turtles and woodpeckers. References: https://epd.georgia.gov/sites/epd.georgia.gov/files/related\_files/site\_page/Trout\_Strea m Designations by County March 2014.pdf

https://www.nwgrc.org/wp-content/uploads/Regional\_RIR\_Map.pdf http://rules.sos.ga.gov/GAC/391-4-3

"The following waters and all streams within the following watersheds, excluding any impoundments thereon unless specifically included, are designated, in the counties listed, trout waters and shall be open for trout fishing throughout the year" Incompatibility between adjacent uses No commercial activities, construction or fabrication, any business that will produce nuisance, chemical or airborne discharges be allowed adjacent to the SR neighborhood. That all noise and air pollution consideration for construction and operation of future commercial property be heightened to the listed standards in this All dumpsters, delivery areas, and the like be located away from SR. That lighting from commercial properties be designed and shielded so as not to add any light to SR properties. Vegetative screening in addition to high quality fencing should be installed.

From: Lori Blaylock <blaylocklori@gmail.com>
Sent: Friday, September 15, 2023 2:59 PM
To: jmeadows@nwgrc.org; David Hardegree
Cc: Bbowen@jbwpc.com; Natalie@switch.com

**Subject:** [EXTERNAL] Comment on DRI #4061 Carter Grove / Switch LTD

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#### Sender:blaylocklori@gmail.com

As direct neighbors to the proposed project, we respectably request these additional items/concerns be addresses in the new Technology District Codes. It would be most effective if these concerns were addressed before the Council public meeting on Oct 10th.

The follow are excerpts from a review that King George Planning Staff commissioned of their existing ordinance text relating to data centers, American Planning Association best practices, Code of Virginia (Loudoun County VA), and several municipalities dealing with public grievances due to Data Centers. These recommendations are under consideration in both the King Georgia County Zoning & Subdivision Ordinance and the rewrite currently underway in Loudoun County VA due sometime in 2023.

I mention Loudoun County, VA as they are the most recent, and relevant in dealing with the newest construction type and technology. While we recognize Switch, LTD is the most advanced of these center types, the code should address future land developed and companies which may not be as advanced or responsible. Our code requirements should contain measurable limits on Noise, Gas Emissions, Odor, Ground Vibrations, Light Glare and specifically guards against negative environmental impacts.

APA (American Planning Assoc.) Recommendations:

#### **Land Use and Zoning Considerations:**

- Limit data centers to within one mile of a state/national park or other historically significant resources. Etowah Indian Mounds
- Propose The Planning & Zoning to commission 3rd party studies for recommendations for certain stormwater management techniques for land disturbances related to the construction, expansion, or operation of data centers that are located within two miles of a national park, state park, state forest, or other historically significant resources.
- Buffer zones adjunct to existing and/or future residential development should be 500 feet.
- A Buffer Yard is required in order to screen the data center building from adjacent residentially zoned or planned properties includes any side/rear yard abutting properties.
- Buffer Yards: Adjunct or facing existing and/or future residential development requires a buffer yard with evergreen plantings installed on an earthen berm that has a minimum height of six (6) feet and a slope not steeper than 2:1. The buffer yard plantings shall be installed in accordance with the requirements of the commercial code Notwithstanding the requirements of this section, use of natural topography and preservation of existing vegetation, supplemented by new vegetation, if needed.

#### **Screening Considerations:**

- Mechanical equipment must be shown on any proposed plan and must be fully screened on all sides. Such visually solid screen must be constructed with a design, materials, details, and treatment compatible with those used on the nearest Principal Facade of a building.
- Screening for Mechanical equipment may incorporate perforated surfaces on screening walls as necessary to permit ventilation of mechanical equipment.
- Ground mounted mechanical equipment must be separated from existing/future adjacent residential development or otherwise be setback a minimum of 100 feet from the property line.
- Ground mounted mechanical equipment is prohibited in building front facade or facing public roads and/or facing existing/future adjacent residential development.
- Solid Walls can be used as visual and acoustical screening but they must have evergreen planting facing the property lines.

#### **Building Appearance Considerations:**

- Principal Façade requirements apply to all building facades that face adjacent existing or planned public roads or that face an adjacent property with existing residential development, an approved CDP or plat showing residential development, or zoning district permitting residential uses.

#### Must have:

- Differentiated Surfaces
- Consistent Design
- Fenestration

#### Options:

- Green Wall
- Mechanical Equipment Façade

#### **Noise Considerations:**

- No loading/unloading activities or other noise-producing activities shall be allowed within 350 feet of an existing single family residential use. Quite Time should be observed from 6pm to 8am.
- The maximum allowable dBA level of impulsive sound emitted from the use, as measured at the property line of any adjacent residential lot where the lot is designed for a single family dwelling unit as a principal use, shall not exceed 50 dB. In addition, outdoor music shall not be allowed after 10:00 PM.
- Construction Noise Construction activities or other noise-producing activities shall be allowed within 350 feet of an existing single family residential use. Construction Quite Time should be observed from 6pm to 8am.
- The continued conformance with noise limits should be monitored by a 3rd party and not solely complaint driven. Requiring annual testing will help maintain compliance. Testing results should then be made part of the county's public reporting website.
- Benchmark locations should be noted on plans and include provisions for the distance of mechanical equipment from property lines. Consideration for noise attenuation should be a major factor when siting of mechanical equipment, such as an air conditioner compressor, etc., and where measures are taken noted on the plans.

#### **Lighting Considerations:**

- All exterior lighting shall be designed and constructed with full cutoff and/or fully shielded fixtures that direct light downward and into the interior of the property and away from adjacent roads and any adjacent properties.

#### **Fencing Considerations:**

- Ordinance should specify the types of prohibited fence materials such as barbed wire and allows chain link fencing if coated black or dark green. Type of fencing should be noted on plans.

Thank you for your time and consideration, Lori Blaylock 426 Washington Blvd. Dallas GA 30132 The Capital at Senators Ridge subdivision (Property on located on Paulding county line which abutts the proposed rezoning parcels)

**From:** David Hardegree

Sent: Thursday, September 14, 2023 3:24 PM

To: VICKI COX

**Subject:** RE: [EXTERNAL] Technology district rezoning

Ms. Cox,

Thank you for your comments. I'll forward them to the Switch team. If you are available, Switch is hosting a public meeting tonight in the Cartersville High School Auditorium at 7pm. This is a good opportunity to learn more about Switch's proposal and discuss your concerns with them. You concerns are shared by others.

Kinda Regards, David

David Hardegree, AICP City of Cartersville Planning and Development Department 2<sup>nd</sup> Floor, City Hall 10 N. Public Square Cartersville, GA 30120 Direct: 770-387-5614 Main 770-387-5600

From: VICKI COX <missvsg17@gmail.com>
Sent: Thursday, September 14, 2023 2:27 PM

www.cityofcartersville.org

To: David Hardegree <dhardegree@cityofcartersville.org>

Subject: [EXTERNAL] Technology district rezoning

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Cartersville network. Do not click links or open attachments unless you recognize the sender and know the content is safe.

#### Sender: missvsq17@qmail.com

Hello,

I would like to voice my extreme concern over the possibility of rezoning the area between Bates Rd. and Old Alabama Rd. as a "Technology District" which has come to light with the potential Switch Data Center buildout being proposed. This area is zoned as residential and should stay residential. I currently work for an electrical contractor who handles large data centers and understand the impacts, especially to residential areas. This type of project is better suited in areas similar to the 411 corridor to Rome, where already they are building huge battery plants and are already zoned for this kind of massive building. Data centers require a large amount of power and as I live within a 2 mile radius with the

most power outages of anywhere I've ever lived, I am horrified to think of the ramifications to our already stressed area.
Not only that but I am concerned about the noise and the environmental impact, as well as ongoing traffic nightmares.
Thank you for your thoughtful consideration!

Thank you!

Vicki Cox

From: Julianne Meadows <jmeadows@nwgrc.org>
Sent: Thursday, September 7, 2023 11:21 AM

To: Joseph Bolduc
Cc: David Hardegree

**Subject:** [EXTERNAL] RE: SWITCH project within the Cartersville City Limits.

Follow Up Flag: Follow up Flag Status: Flagged

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Cartersville network. Do not click links or open attachments unless you recognize the sender and know the content is safe.

#### Sender:jmeadows@nwgrc.org

Dear Sir:

RE: Development of Regional Impact review for DRI 4061 Switch KEEP 2.0 Atlanta North Campus, Cartersville

The DRI review process is designed to be an intergovernmental review process to allow affected parties, which include surrounding local governments, state agencies, and other related agencies, an opportunity to review and comment on the proposed project. Comments received from these agencies are provided to the local government for their use in the local review process. The local review process provides an opportunity for public review and comment on the project. We encourage you to provide these comments at that time, to the local government entity that serves you.

#### **Julianne Meadows**

**Director of Regional Planning** 

nrthwest GEORGIA

PO Box 1798 Rome, GA 30162-1798 (706) 295-6485

www.nwgrc.org

From: Joseph Bolduc <josephtbolduc@gmail.com>
Sent: Tuesday, September 5, 2023 10:16 PM
To: Julianne Meadows <jmeadows@nwgrc.org>

Subject: SWITCH project within the Cartersville City Limits.

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ENOUGH! This is a residential community, not an industrial center. The new warehouses on the outskirts of town are a bad enough welcome to our city but at least they are quiet, data centers are not. They need to be built well away from any residential areas. No matter how hard they try there will always be a background hum. I worked in a data center for a telecom and it is never quiet. In fact, after a period of time it makes one nervous, edgy and angry, there was a high employee turnover rate because of this. Try this little experiment at home, shut off the main breaker on your breaker panel. Note the silence then turn the power back on. Note all those little constant sounds from your fridge or other appliances. Multiply those little sounds 100 times and that constant background noise is what we'd have from a data center. For me, with a TBI, (traumatic brain injury) that sound would become unbearable. In the proposed location, at that elevation, there is nothing to block the sound from traveling right into downtown. Think the train at night is annoying? Imagine the constant background hum of giant HVAC units. Bye Bye nice little Cartersville.

Joseph T. Bolduc

From: Julianne Meadows < jmeadows@nwgrc.org > Sent: Thursday, September 14, 2023 5:13 PM

**To:** David Hardegree

**Subject:** [EXTERNAL] FW: Switch Data Center Concerns

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Cartersville network. Do not click links or open attachments unless you recognize the sender and know the content is safe.

#### Sender: jmeadows@nwgrc.org

Julianne Meadows
Director of Regional Planning **nrth**GEORGIA

REGIONAL COMMISSION

PO Box 1798

PO Box 1798 Rome, GA 30162-1798 (706) 295-6485 www.nwgrc.org

From: James Kennedy <gabe.kennedy77@gmail.com>

**Sent:** Thursday, September 14, 2023 10:08 AM **To:** Julianne Meadows jmeadows@nwgrc.org>

Subject: Switch Data Center Concerns

**CAUTION:** This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

I am reaching out to you in hopes of getting your help in addressing the imminent construction of a 126-acre data center that is currently in the works for the city of Cartersville in Bartow County, just North of the Paulding County border. The cause of my concern is for the total destruction of the multitudes of native flora and fauna, but especially in the pressing matter of the endangered species status of the Etowah Darter (Etheostoma etowahae), which I have reason to believe, dwells within Ward Creek. I've drawn this conclusion from observing several fish with the matching description in that area over the years. Ward Creek is a tributary of the Etowah River and feeds into Carns lake, which is the intended location of the data center. Below, I have included links to an article discussing the data center, a page depicting the Etowah darter, as well as another displaying its range, which clearly shows that the data center will be a major threat to an already endangered species. It is my hope that contacting you brings this threat to your attention so that action may be taken accordingly to prevent further loss of Georgia's already shrinking biodiversity.

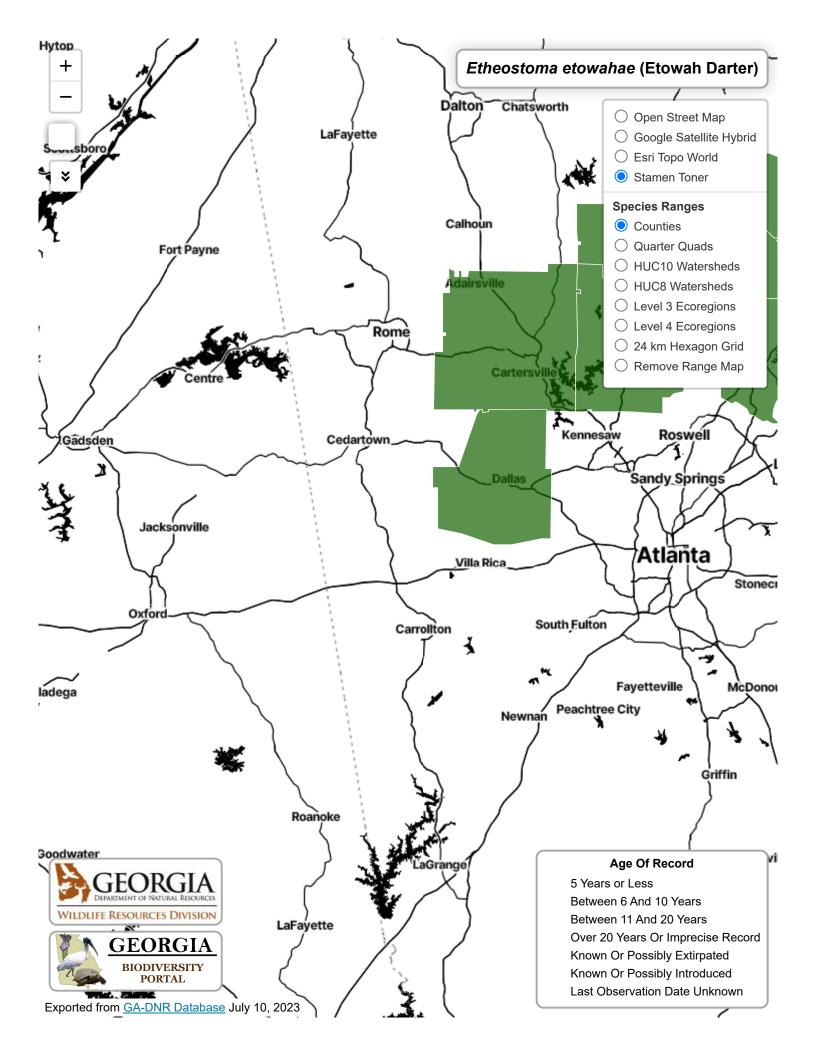
Thank you for your time and consideration,

#### Gabriel Kennedy

https://www.datacenterdynamics.com/en/news/switch-to-invest-772-million-in-second-georgia-campus-outside-atlanta/

https://georgiabiodiversity.org/profile/profile?group=None&es\_id=19006&fbclid=lwAR36\_laNvdbtBW0 5ndx55TKl8yNGA3nO4l4x1JLxnEFv9aFlVgn8KmJpmb8\_aem\_AT\_pw7MYmA4JqHt2zeBGxCW7Wh3-TodxDoFaHPS-wvBdlxl2Hzr6ASv6zOpFqiFiIU&mibextid=Zxz2cZ

https://georgiabiodiversity.org/natels/rangemaps?es id=19006







\*profile under revision



Etheostoma etowahae Etowah Darter Dawson Co., GA 1 October 2016 Photo by Alan Cressler. Image may be subject to copyright.

Report Sighting 🖺

#### Etheostoma etowahae Wood and Mayden, 1993

**Etowah Darter** 

Federal Protection: Listed Endangered

State Protection: Endangered

Global Rank: G1 State Rank: S1

Element Locations Tracked in Biotics: Yes SWAP High Priority Species (SGCN): Yes Element Occurrences (EOs) in Georgia: 24

**Habitat Summary for element in Georgia:** Moderate to high gradient streams over cobble to gravel in areas of swift current

#### Description

Reaching a maximum total length of approximately 70 mm (2.8 in), the Etowah darter has a compressed body with eight broad blotches marking the dorsum and up to 11 indistinct dark bars along the sides. Males have brilliant red bands in the dorsal and caudal fins, and bluish coloration on the lower sides of the head and on the pectoral, pelvic and anal fins.

#### Similar Species

Etowah darters are currently indistinguishable from the closely related greenbreast darter (*E. jordani*), barring genetic analysis. It was once thought the two species could be identified based on the presence of red spots along the body, but this character does not hold, as both greenbreast and Etowah darters may have red spots. A meristic analysis of the two species did not find consistent differences in scale counts (i.e., lateral line, transverse scale rows and caudal peduncle scale rows), though scale counts for Etowah darters tend to be lower than for greenbreast darters. At present, genetic analysis is the only means of distinguishing Etowah and greenbreast darters that co-occur in portions of the lower Etowah watershed where they likely hybridize. Etowah darters are also

similar to the lipstick darter (*E. chuckwachatte*), but do not have orange color on their lips during the spawning season. These two species do not co-occur.

#### Habitat

The Etowah darter typically occurs in swift riffle habitat over cobble and gravel substrata.

#### Diet

Aquatic invertebrates.

#### Life History

Etowah darters spawn from May to mid-August within the upper Etowah River at water temperatures between 16-23C. Etowah darters spawn in moderate to swiftly flowing areas of coarse sand or fine gravel interspersed with or protected by larger gravel and cobble. Females appear to choose a suitable spawning site while a male may follow or chase her. There are numerous acts of aggression during the courtship towards other females or males that may attempt to cut in. If a second female comes along that is ready to spawn, she may be chased away by the first female, or the male may chose to leave the first female to couple with the second. In addition to the commonly observed male-on-male aggressive chasing behavior, male Etowah darters have been observed biting the tail of another rival male; at times two males may be locked together, each with the other's tail in his own mouth. When the female is ready to spawn she dives rostrum-first into the sand, partially burying herself. The male mounts the female, quivering as they push into sand stirring up the sediment. The female may remain in place partially buried for several minutes after the male leaves. The courtship and spawning behavior may continue, with multiple spawns occurring in the same general area.

#### **Survey Recommendations**

Etowah darters can be collected with a seine or observed while snorkeling.

#### Range

The Etowah darter occurs only in the Etowah River system in Georgia. Once thought to be restricted to the upper Etowah (upstream from Allatoona Reservoir), recent work has shown that Etowah darters also occur in the lower portion of the basin (downstream of Allatoona dam), where they coocur with the closely related greenbreast darter. Etowah darters have been collected in the lower Etowah mainstem and in Raccoon Creek, a tributary to the lower Etowah River. In the upper Etowah, Etowah darters occur in the mainstem and some of its larger tributaries, including Long Swamp Creek, Amicalola Creek, and Shoal Creek (Dawson County). Etowah darters also occur in Stamp Creek, a tributary to Allatoona Reservoir. Check the [Fishes of Georgia Webpage] (http://fishesofgeorgia.uga.edu/index.php?page=speciespages/species\_page&key=etheetow) for a watershed-level distribution map.

#### **Threats**

The Etowah darter is particularly vulnerable to habitat loss because of its narrow distribution, which is restricted to a geographic area currently experiencing rapid urban and suburban development as the metro-Atlanta area expands. Land disturbance associated with commercial development, and home and road construction threatens to degrade river and stream habitat by accelerating the runoff of sediment and contaminants. Increased impervious surface cover results in flashy storm events that can scour stream channels, alter the water temperature regime, accelerate delivery of contaminants, and lower baseflows during non-runoff periods. Lowering of baseflow conditions may be a significant threat to the Etowah darter and other species that depend on swiftly-flowing, sediment-free riffles to complete their life cycle. Water-supply development threatens Etowah darter habitat directly, but the operation of reservoirs may also pose a threat to the species if water flow and thermal regimes in main channel habitats are significantly altered.

#### Georgia Conservation Status

Etowah darters currently appear to have a relatively stable population in the upper Etowah River, where they are encountered during annual surveys. They may be locally abundant in some places they occur, despite their limited range within the Etowah system. Much less is known about their abundance and population status in the Raccoon Creek system and in the lower Etowah River, where they co-occur and hybridize with the greenbreast darter. The lower Etowah River has a dramatically altered flow and temperature regime, due the operation of the Allatoona Reservoir. The

discovery of a population of Etowah darters in this reach is significant, as this population could potentially be enhanced if conditions improve there.

#### **Conservation Management Recommendations**

Conserving the Etowah darter and other unique aquatic resources of the Etowah River depends on maintaining habitat quality upstream from Allatoona Reservoir, and ultimately on improving habitat and water quality in the lower portion of the river. Eliminating runoff of upland sediment from land-disturbing activities, such as roadway and housing construction, and runoff of contaminants, such as fertilizers, pesticides, heavy metals, and surfactants is critical to protecting aquatic resources. [Forested buffers](https://www.tva.gov/Environment/Environmental-Stewardship/Land-Management/Shoreline-Stabilization) should be maintained along stream banks to aid in protecting water quality. Stream buffers are essential, but offer inadequate water quality protection where surface runoff is directed to bypass buffered areas, (e.g., where stormwater or other surface drains are in place to accelerate upland runoff to streams). Protecting riverine habitat quality will require the maintenance of natural patterns of stream flow by minimizing water withdrawals, new impoundments, and impervious cover. The Etowah darter and other fishes that similarly depend on riffle habitats are especially vulnerable to streamflow depletion because habitats with swift currents are diminished at low flows. Technical guidance on how to minimize the impacts of development on sensitive fishes is available through the [Etowah HCP website] (http://www.fws.gov/athens/rivers/Etowah\_River\_HCP.html).

#### References

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#### **Authors of Account**

Byron J. Freeman and Megan Hagler

#### Date Compiled or Updated

B. Freeman, 1999: original account

K. Owers, Jan 2009: Added picture, updated status and ranks, added fish atlas link, converted to new format, minor edits to text

M. Hagler, July 2009: general update of entire account.

Z. Abouhamdan, April 2016: updated links



male Etowah River (Coosa Basin), Dawson Co., GA 17 June 2017 Photo by Brett Albanese (Georgia DNR - Wildlife Resources)



Raccoon Creek (Coosa basin), Paulding Co., GA 27 April 2010 Photo by Brett Albanese (Georgia DNR – Wildlife Resources)

## **Guidelines for Proposed Development Adjacent** to Watershed Project Dams

There is a need for statewide uniformity when there are proposed changes that will have an impact to the function and maintenance of a watershed dam or adjacent pertinent areas. The Natural Resources Conservation Service (NRCS) has developed review guidelines for any proposed development adjacent to a watershed project dam.

### Definitions of terminology used herein include:

A dam is an artificial barrier, together with any associated spillways and appurtenant works, across a watercourse or natural drainage area, which does or may impound or divert water.



The top of dam is the lowest elevation along the centerline of the dam. This does not include any elevations within the auxiliary spillway.

The auxiliary spillway is the spillway designed to convey excess water through, over, or around a dam. The auxiliary spillway is usually an excavated channel through one or both of the abutments.

The control section in an open channel spillway is that section where accelerated flow passes through critical depth.

The impoundment area is the portion of the reservoir allotted to the temporary storage of floodwater. Its upper limit is the top of dam elevation.

An easement is a legal document granted to the Sponsoring Local Maintenance Organization(s), which covers the impoundment area and the auxiliary spillway(s) return flow to the waterway downstream from the dam.

All NRCS watershed dams within the State of Georgia have a Sponsoring Local Maintenance Organization(s) (Sponsor) with most being in one of the below categories.

- 1. The Local Soil and Water Conservation District (district),
- 2. The district and the County or City,
- 3. The County or City. (Some Sponsors own the dam and impoundment area)

The actual easement elevation varies with each watershed structure. Easements can reference the top of dam elevation, the auxiliary spillway control section elevation, or the auxiliary spillway control section elevation plus flow depth. Also, some easements contain special provisions. Easements belong to the Sponsor.

Assistance is available to the Sponsor from the State Attorney General through the Georgia Soil and Water Conservation Commission (GSWCC) for legal problems related to easements and land rights

The Sponsor is responsible for proper operation and maintenance of the dam and issuing or denying requests for changes within the impoundment area.

The Sponsor should notify the NRCS when proposed changes are planned that will have an impact to the functioning and maintenance of a watershed dam.

### Proposed changes of concern include:

- 1. Any roads, sewer lines, or other utilities across, on or through the dam, auxiliary spillway or within the impoundment area.
- 2. Any plans that include earthfill within the impoundment area.
- 3. Any plans which propose structures, buildings, fences, play areas, trails or other items within the impoundment area, auxiliary spillway, or on the dam.
- 4. Any plans to utilize the impoundment area as stormwater detention.



When the above or similar proposed changes are planned, the designer must submit two sets of drawings, specifications and any applicable hydrology and hydraulic reports to the Sponsor for routing to NRCS engineers through the designated District Conservationist. Any submittals for proposed earthfill or stormwater detention within the impoundment area shall include calculations to verify compensation of effected volumes. All submittals shall include a designated contact person.

NRCS engineers make reviews as to compliance with NRCS criteria and provide recommendations and comments regarding the proposed changes to the Sponsor. Changes that include installation of sewer lines, water lines, or any modifications to the dam, principal spillway or auxiliary spillway will require review of the NRCS State Conservation Engineer. During the review process, NRCS engineers may contact the designated contact person for clarification or to suggest changes that could bring a project into NRCS criteria compliance.

Upon completion of the review the NRCS engineer will provide final recommendations and comments to the NRCS District Conservationist for routing to the Sponsor. The Sponsor decides whether to permit proposed changes or deny proposed changes if these changes will have adverse impacts on maintenance, liability or proper functioning of a dam.

## Development activities that should not be allowed in areas adjacent to the easement, impoundment area, auxiliary spillway or dam include:

- 1. Any activity that decreases flood storage volume such as any modification to the principal spillway riser that would increase normal water surface elevation.
- 2. Erection of structures, buildings, signs, fences, or landscaping features on the dam or in the auxiliary spillway which would interfere with the proper functioning of the structure or inhibit maintenance activities such as annual mowing of these areas.
- 3. Docks, picnic tables or other potential floating items should not be permitted unless anchored in such a way that they cannot float loose with fluctuations in the lake level.

The State of Georgia classifies dams as Category I if a failure of that dam would cause probable loss of life downstream. The State of Georgia EPD Safe Dams Section must approve plans for proposed changes through or near the dam or auxiliary spillway of Category I dams.

Examples include sewer lines, roads, or structures that require rock blasting near the dam or other significant topographic changes.

## General NRCS recommendations to Sponsors and Designers:



- 1. Enforce the State of Georgia Erosion and Sediment Control Law within the drainage area of the watershed dam to keep sedimentation accumulation in the impoundment area to a minimum.
- 2. Enforce Storm Water Management Requirements on new development sites within the drainage area of a watershed dam and prohibit increases in peak runoff into the impoundment area.
- 3. Proposed development adjacent to the lake should construct detention pond(s) according to local stormwater ordinances with the top of dam elevation above the NRCS structure's 100 year-24 hour water surface elevation. In cases where a detention pond is not feasible, a volume equal to the increased runoff amount for the 100 year-24 hour storm event may be excavated between the auxiliary spillway crest elevation and normal pool. NRCS will depend upon the County or Local City Government(s) to insure that all disturbed areas are properly re-vegetated in a timely manner.
- 4. Forward all plans for areas being developed adjacent to the impoundment area to NRCS for comment with enforcement responsibilities remaining with the Local Government
- 5. Not allow construction of houses in the dam breach zone. Such construction would cause the dam to become Category I leaving the Local Government and or others responsible for expensive modifications.

6.	Not allow any structures, such and houses or commercial buildings, to be constructed in the impoundment area, unless the lowest finished floor elevation of the structure is above the design top of dam elevation.

# DEVELOPMENT OF REGIONAL IMPACT (DRI) REPORT AND RECOMMENDATIONS



#### MEMORANDUM

To: Local Governments, State Agencies, and Interested Parties

From: Boyd Austin, Executive Director

Date: September 21, 2023

Subject: Report on DRI 4061, Switch KEEP 2.0 Atlanta North Campus, Cartersville

The Northwest Georgia Regional Commission has completed the regional review of DRI 4061, Switch KEEP 2.0 Atlanta North Campus, Cartersville, which would develop an initial phase of one data center, and several future phases. The total parcel is 2,200 acres and Cartersville anticipates that the rest of the site will be developed with data/ technology uses in future phases. The initial phase includes 126 acres and a single data center facility approximately 1,620 ft. in length, along with associated driveways, detention ponds, and an electrical substation. The overall project is anticipated to be complete in 2046. The proposed rezoning would create a new data/technology zoning district for this site.

#### **Comments Received**

Paulding County comments, "Paulding County shares a common border with the 2,200 acre tract. We have requested an overall site plan for the project including future phases and have been advised that there is no plan for phases beyond the initial phase consisting of 126 acres. We request that when future phases are submitted that the project be subject to another round of comment by affected parties as outlined in the Rules of the Georgia Department of Community Affairs Chapter 110-12-3.05(2)(c)."

Georgia DNR Floodplains Unit comments, "From inspection of the effective Flood Insurance Rate Maps (FIRMs) developed by the Federal Emergency Management Agency (FEMA), the building components of the proposed project is located outside of the Special Flood Hazard Area (SFHA), in Zone X (unshaded), an area of low flood risk. A Floodplain Snapshot Map showing the designated floodplain impacts in the vicinity of the project location, accompanied by the relevant extract of FEMA's FIRMs are attached." Please see full comments.

USDA NRCS comments, "We have reviewed our records and have determined that there is such a structure involved in this project. NRCS's watershed structure Pumpkinvine Creek 02 is at the project location and Pumpkinvine Creek 01 is immediately to the south. The location is shown on the accompanying screenshot, p. 3 of this letter. Please contact the Coosa River Soil & Water Conservation District through Sheri Teems, District Conservationist. Information about development near such

Rome Office: PO Box 1798 | Rome, GA 30162-1798

Dalton Office: 503 West Waugh Street | Dalton, GA 30720-3475



structures in general is located here: <a href="https://gaswcc.georgia.gov/watersheds-water-vesources/watershed-dams/quidelines-proposed-development-adjacent-watershed-dams/quidelines-proposed-dams/quidelines-proposed-development-adjacent-dams/quidelines-proposed-

An evaluation would be needed for NRCS watershed dam (Pumpkinvine Creek 02 & 01) near the project area by Eric Harris & Sheri Teems for the completion of this early coordination request." Please see full comments.

#### **NWGRC Comments**

Since there is little detail on future phases of the project, total impacts are yet unknown. While the project may have comparatively little impact on transportation infrastructure, there may be temporary construction impacts. Potential for impacts on adjoining jurisdictions should also be considered.

Because this project (including current and future phases) will develop a large area resulting in a significant increase in impervious surfaces, the development should include all applicable and recommended best management practices to minimize stormwater runoff during construction and post-construction, and should implement and maintain stormwater BMPs and erosion and sedimentation controls during construction, including green infrastructure where applicable. The project agreements should also ensure maintenance of all stormwater infrastructure. All applicable City of Cartersville and Metro North Georgia Water Planning District stormwater recommendations and requirements must be followed.

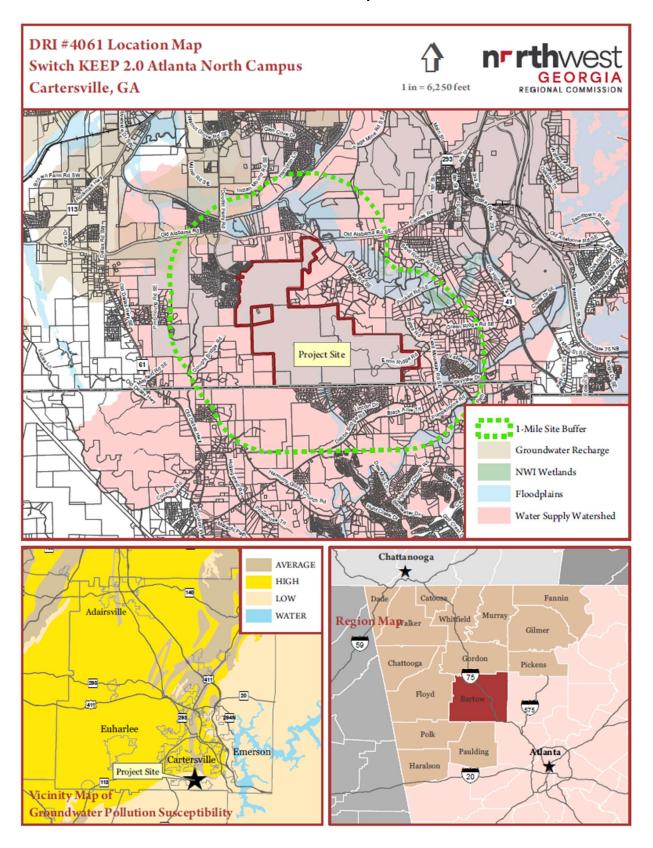
#### **Consistency with Comprehensive Plan and Service Delivery Strategy**

This area is shown on the 2023 Future Land Use Map for Cartersville as Low/Medium Density Residential. It appears that City of Cartersville and Cobb County are providers of water and sewer services, with Cartersville providing water and sewer service to the western part of the site, and Cobb County providing water and sewer service to the eastern part of the site, according to the 2019 Bartow County Service Delivery Strategy.

#### **Consistency with 2019 Northwest Georgia Regional Plan**

The area is designated as Developed on the Northwest Georgia Projected 2040 Regional Land Use Map showing that this area exhibits urban type development patterns and urban services are already being provided.

#### **Location Map**



#### **COMMENTS RECEIVED**



United States Department of Agriculture

September 11, 2023

Boyd Austin, Executive Director Northwest Georgia Regional Commission P.O. Box 1798 Rome, Georgia 30162

Re: Development Regional Impact 4061 for Switch KEEP 2.0 Atlanta North Campus Development, City of Cartersville, Bartow County

Dear Mr. Austin:

This letter is in reference to your request for information on the possible impacts the proposed development of data and technology center project may have on land use, conservation, water quality and other general environmental concerns that may be of interest to our agency. The following outlines our concerns with the proposed project with regards to farmland protection, and Natural Resources Conservation Service (NRCS) watershed dams and project easements.

#### Farmland Protection

The Farmland Protection Policy Act (FPPA) is intended to minimize the impact federal programs have on the unnecessary and irreversible conversion of farmland to nonagricultural uses. Projects are subject to FPPA requirements if they may irreversibly convert farmland (directly or indirectly) to nonagricultural use and are completed by a federal agency or with assistance from a federal agency. For the purpose of FPPA, farmland includes areas located within soil map units rated as prime farmland, unique farmland, and land of statewide or local importance. Farmland subject to FPPA requirements does not have to be currently used for cropland. It can be forest land, pastureland, cropland, or other land uses, but not water or urban built-up land. It should be noted that the FPPA does not authorize the Federal Government to regulate the use of private or nonfederal land or, in any way, affect the property rights of owners.

NRCS uses a Land Evaluation and Site Assessment (LESA) system to establish a farmland conversion impact rating score on proposed sites of federally funded and assisted projects. This score is used as an indicator for the project sponsor to consider alternative sites if the potential adverse impacts on the farmland exceed the recommended allowable level. It is our understanding that the proposed project involves federal funds or assistance, and thus could be subject to this assessment. Please note, FPPA considers indirect as well as direct conversion. The acres directly converted will be the project area. Areas planned for direct or indirect conversion should be indicated on plans or maps included in the packet of materials for the project. However, this project does not convert farmland and is thus exempt from this assessment. You need take no further action for FPPA purposes.

Natural Resources Conservation Service

Georgia State Office 355 East Hancock Avenue - Athens, GA - 30601-2775 Voice: 706-546-2272 Fax: 855-417-8490

An Equal Opportunity Provider and Employer

Austin Page 2

## NRCS Watershed Dams

More than 50 years ago, the U.S. Department of Agriculture was authorized by Congress to help local communities with flood control and watershed protection through the Watershed Program (PL-534 Flood Control Act of 1944 and PL-566 Watershed Protection and Flood Prevention Act). As a result, local communities, with NRCS assistance, have constructed over 11,000 dams in 47 states since 1948. These dams were originally constructed for protection of farmlands from flooding impacts. In 2000, PL-566 was amended to provide NRCS authorization to assist communities with rehabilitation of their aging dams. The legislation authorizes NRCS to work with local communities and watershed project sponsors to address public health and safety concerns and potential environmental impacts of aging dams.

We have reviewed our records and have determined that there is such a structure involved in this project. NRCS's watershed structure Pumpkinvine Creek 02 is at the project location and Pumpkinvine Creek 01 is immediately to the south. The location is shown on the accompanying screenshot, p. 3 of this letter. Please contact the Coosa River Soil & Water Conservation District through Sheri Teems, District Conservationist. Information about development near such structures in general is located here: <a href="https://gaswcc.georgia.gov/watersheds-water-resources/watershed-dams/guidelines-proposed-development-adjacent-watershed">https://gaswcc.georgia.gov/watersheds-water-resources/watershed-dams/guidelines-proposed-development-adjacent-watershed</a>

### NRCS Easements

NRCS easements relate to our Wetland Reserve Program and the Farm and Ranchland Protection Program. We have reviewed our records and have determined that there are no such easements downstream or in the near vicinity of the proposed project that could be affected by these activities.

NRCS appreciates this opportunity to comment. If you have questions or need any additional information, please contact me at (706) 546-2056 or <a href="mailto:nelson.velazquezgotay@usda.gov">nelson.velazquezgotay@usda.gov</a>.

### Sincerely,

NELSON Digitally signed by NELSON VELAZQUEZ COTAY Digitally signed by NELSON VELAZQUEZ COTAY Digitally signed by NELSON VELAZQUEZ COTAY

NELSON VELÁZQUEZ GOTAY SOIL SCIENTIST

cc: Steve Blackston, Acting Assistant State Conservationist (FO), NRCS, Griffin, GA Sheri Teems, District Conservationist, NRCS, Calhoun, GA Michael Henderson, Resource Soil Scientist, NRCS, Griffin, GA Julianne Meadows, Northwest Georgia Regional Commission



## United States Department of Agriculture



Image. Watershed structure Pumpkinvine Creek 02 at the project area and Pumpkinvine Creek 02 south of the project.

## Natural Resources Conservation Service

Georgia State Office
355 East Hancock Avenue - Athens, GA - 30601-2775
Voice: 706-546-2272 Fax: 855-417-8490

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## Jeff W. Cown, Director

2 Martin Luther King, Jr. Drive Suite 1456, East Tower Atlanta, Georgia 30334 404-656-4713

#### FLOODPLAIN ENCROACHMENT REVIEW

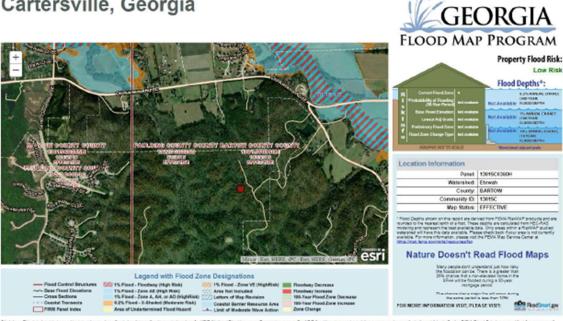
To: Julianne Meadows
Email: <u>imeadows@nwgrc.org</u>

PROJECT NAME:		DRI 4061 : North Cam	Switch KEEP 2.0 Atlanta ipus	COUNTY:	Bartow	COMMUNITY:	City of Cartersville	
LOCATION:		Please see	Please see the project location map provided by the applicant.					
BRIEF PROJECT DESCRIPTION:		North Cam technology approxima	The Northwest Georgia Regional Commission is requesting comments on DRI 4061 Switch KEEP 2.0 Atlanta North Campus, Cartersville. This phase is the first of several planned phases of development of data and technology centers on this site. This initial phase consists of 126 acres with a single data center facility approximately 1,620 ft. in length, along with associated driveways, detention ponds, and an electrical substation. The DRI is for the entire 2,200-acre parcel and all future phases of data centers/ technology centers					
APPLICANT:		Northwest Commission	Georgia Regional n	APPLICATION DATED:	09/01/2023	APPLICATION RECEIVED:	09/01/2023	
SFHA* ENCROACHMENT: No		No EFFECTIV	VE PANEL(S):	13015C0360H (Effective Date: 10/05/2018)		FLOOD RISK ZONE(S):	x	
www.georgiadfirm.com		PRELIMIN	NARY PANEL(S):	N/A		FLOOD RISK ZONE(S):	N/A	
https://msc.fema.gov/portal		LETTER C	OF MAP CHANGE (S):	N/A		FLOOD RISK ZONE(S):	N/A	
WATERSHED(S):		Etowah (8	Digit HUC: 03150104)	COMMUNITY CONTACT:		Cartersville City Engineer Address: 330 S. Erwin Street, PO Box 1390, Cartersville, GA 30120 Tel: (770) 383-7432		
COMMENTS:	From inspection of the effective Flood Insurance Rate Maps (FIRMs) developed by the Federal Emergency Management Agency (FEMA), the building components of the proposed project is located outside of the Special Flood Hazard Area (SFHA), in Zone X (unshaded), an area of low flood risk. A Floodplain Snapshot Map showing the designated floodplain impacts in the vicinity of the project location, accompanied by the relevant extract of FEMA's FIRMs are attached.  Please note that this response addresses issues related specifically to the possible effects of the project on floodplains in the area, it does not override or supersede any State or local procedural substantive provisions which may apply to floodplain management requirements associated with amendments to State or local floodplain zoning ordinances, maps, or State or local procedures adopted under the National Flood Insurance Program.							
Prepared By:	Olivia	Martin	Telephone:	(470) 845-1108	Email:	Olivia.Martin@dnr.	ga.gov	
Signature:		Olivia Ts.	M		Date:	09/06/2023		

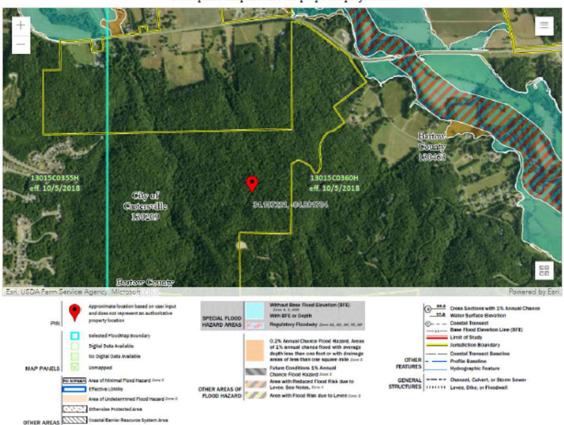
<sup>\*</sup>Special Flood Hazard Area – Area Inundated by the 1% Annual Chance Flood (Often Referred to as the 100-year Flood)

Attachments:





## Floodplain Snapshot for the proposed project area



FEMA FIRM Extract

BOHLER / KEEP 2.0 CAMPUS ATLANTA NORTH - REZONING APPLICATION SUBMITTAL - PHASE 1

OB-17-2023

CARTERSVILLE (BARTOW COUNTY), GA

Project Site

Northwest Georgia Regional Commission DRI Comment Form

## DRI 4061 Switch KEEP 2.0 Atlanta North Campus, Cartersville Comment Form

## Description of DRI project:

The Northwest Georgia Regional Commission is requesting comments on DRI 4061 Switch KEEP 2.0 Atlanta North Campus, Cartersville. This phase is the first of several planned phases of development of data and technology centers on this site. This initial phase consists of 126 acres with a single data center facility approximately 1,620 ft. in length, along with associated driveways, detention ponds, and an electrical substation. The DRI is for the entire 2,200-acre parcel and all future phases of data centers/technology centers.

Please email comments to <a href="meadows@nwgrc.org">imeadows@nwgrc.org</a> within the following 15-day period: Friday, September 1, 2023 – Friday, September 15, 2023.

#### Comments

Name: Ann Lippmann, AICP

Community Development Director

Date: September 15, 2023

Organization: Paulding County BOC

### Comments:

Paulding County shares a common border with the 2,200 acre tract. We have requested an overall site plan for the project including future phases and have been advised that there is no plan for phases beyond the initial phase consisting of 126 acres. We request that when future phases are submitted that the project be subject to another round of comment by affected parties as outlined in the Rules of the Georgia Department of Community Affairs Chapter 110-12-3.05(2)(c).

## **David Hardegree**

From: Julianne Meadows <jmeadows@nwgrc.org>
Sent: Thursday, September 21, 2023 5:07 PM

**To:** David Hardegree

**Subject:** [EXTERNAL] FW: DRI 4061 Switch KEEP 2.0 Atlanta North Campus, Cartersville **Attachments:** NWGRC DRI 4061 Switch KEEP 2.0 Atlanta North Campus Comment Form.docx

Follow Up Flag: Follow up Flag Status: Flagged

# \* \* \* CAUTION \* \* \* . This email originated from outside the City of

Cartersville network. Do not click links or open attachments unless you recognize the sender and know the content is safe.

## Sender:jmeadows@nwgrc.org

David, this review came in outside the review period, so I did not include it in the report, but am forwarding directly to you.

## **Julianne Meadows**

Director of Regional Planning

nrthwest Georgia

PO Box 1798 Rome, GA 30162-1798 (706) 295-6485 www.nwgrc.org

From: Hood, Alan C. <achood@dot.ga.gov>
Sent: Thursday, September 21, 2023 1:52 PM
To: Julianne Meadows <jmeadows@nwgrc.org>

Subject: RE: DRI 4061 Switch KEEP 2.0 Atlanta North Campus, Cartersville

**CAUTION:** This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Sorry, I misread your email. disregard. Please see my answer.

#### **Alan Hood**

Airport Safety Data Program Manager



Aviation Programs
600 West Peachtree Street NW
6<sup>th</sup> Floor
Atlanta, GA, 30308
404.660.3394 cell
404.532.0082 office

Website: https://www.dot.ga.gov/GDOT/pages/AirportAid.aspx

From: Julianne Meadows < imeadows@nwgrc.org > Sent: Thursday, September 21, 2023 1:41 PM
To: Hood, Alan C. <achood@dot.ga.gov >

Subject: RE: DRI 4061 Switch KEEP 2.0 Atlanta North Campus, Cartersville

Alan,

We did not receive an answer to date on the proposed building height.

Julianne Meadows

**Director of Regional Planning** 

nrthwest GEORGIA REGIONAL COMMISSION

PO Box 1798 Rome, GA 30162-1798 (706) 295-6485 www.nwgrc.org

From: Hood, Alan C. <achood@dot.ga.gov>
Sent: Wednesday, September 13, 2023 11:20 AM
To: Julianne Meadows <imeadows@nwgrc.org>

Subject: RE: DRI 4061 Switch KEEP 2.0 Atlanta North Campus, Cartersville

**CAUTION:** This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Julianne,

Do you know the finished floor elevation of the building? This is about 2.5 miles from the Cartersville Airport and I cannot read what the map says if it does give it.

Thanks!

## **Alan Hood**

Airport Safety Data Program Manager



Aviation Programs
600 West Peachtree Street NW
6<sup>th</sup> Floor
Atlanta, GA, 30308
404.660.3394 cell
404.532.0082 office

Website: <a href="https://www.dot.ga.gov/GDOT/pages/AirportAid.aspx">https://www.dot.ga.gov/GDOT/pages/AirportAid.aspx</a>

From: Julianne Meadows < <a href="mailto:jmeadows@nwgrc.org">jmeadows@nwgrc.org</a>>

Sent: Friday, September 1, 2023 3:07 PM

To: olsonp@bartowcountyga.gov; sillst@bartowcountyga.gov; osborner@bartowcountyga.gov; bhammonds@adairsvillega.net; rmannino@cityofcartersville.org; theath <theath@cityofemerson.org>; James Stephens <istephens@euharlee.com>; Kelly Ensley <cityclerk@kingstonga.gov>; mitch.bagley@aol.com; cityhall@cityofwhitega.com; jledbetter <|ledbetter@gordoncounty.org>; mstallings@cherokeega.com; jason.gaines@cobbcounty.org; David.LWebb@cobbcounty.org; ann.lippmann@paulding.gov; mdenton@polkga.org; BWood@romega.us; missykendrick@developromefloyd.com; asmith@atlantaregional.com; DShockey@atlantaregional.org; Boyd Austin <br/>baustin@nwgrc.org>; Barbara Snead <br/>bsnead@nwgrc.org>; Ethan Calhoun <ecalhoun@nwgrc.org>; Joseph Davidson <|idavidson@nwgrc.org>; Julianne Meadows<jmeadows@nwgrc.org>; juli.yoder@gadca.onmicrosoft.com; Lisa.westin@dca.ga.gov; zane.grennell@dca.ga.gov; patrick.vickers@dca.ga.gov>; Raymond, Christopher <craymond@dot.ga.gov>; Acree, David <<dacree@dot.ga.gov>; AviationPrograms <a href="aviationprograms@dot.ga.gov">aviationprograms@dot.ga.gov>; Hood, Alan C. <a href="achood@dot.ga.gov">achood@dot.ga.gov>; acarroll@gefa.ga.gov; conserve@mctga.org; gigi.steele@dnr.ga.gov; haydn.blaize@dnr.ga.gov; ban.Wallace@ga.usda.gov; jesse@coosa.org; kowens@tnc.org; anakela.escobar@dnr.ga.gov; lennifer.Welte@dnr.ga.gov; Christine.Voudy@dnr.ga.gov; allan\_brown@fws.gov; ahazell@gmrc.ga.gov; nongame.review@dnr.ga.gov; gaswcc.swcd@gaswcc.ga.gov</a>

Subject: DRI 4061 Switch KEEP 2.0 Atlanta North Campus, Cartersville

#### Good afternoon,

The Northwest Georgia Regional Commission is requesting comments on DRI 4061 Switch KEEP 2.0 Atlanta North Campus, Cartersville. This phase is the first of several planned phases of development of data and technology centers on this site. This initial phase consists of 126 acres with a single data center facility approximately 1,620 ft. in length, along with associated driveways, detention ponds, and an electrical substation. The DRI is for the entire 2,200-acre parcel and all future phases of data centers/ technology centers.

Please email comments to <a href="meadows@nwgrc.org">imeadows@nwgrc.org</a> within the following 15-day period: Friday, September 1, 2023 – Friday, September 15, 2023.

Julianne Meadows
Director of Regional Planning

PrthWest
GEORGIA
REGIONAL COMMISSION
PO Box 1798
Rome, GA 30162-1798
(706) 295-6485
www.nwgrc.org

Human trafficking impacts every corner of the globe, including our state and local communities. Georgia DOT is committed to end human trafficking in Georgia through education enabling its employees and the public to recognize the signs of human trafficking and how to react in order to help make a change. To learn more about the warning signs of human trafficking, visit <a href="https://doas.ga.gov/human-resources-administration/human-trafficking-awareness">https://doas.ga.gov/human-resources-administration/human-trafficking-awareness</a>. To report any suspicious activity, call the Georgia Human Trafficking Hotline at 866-363-4842. Let's band together to end human trafficking in Georgia.

## DRI 4061 Switch KEEP 2.0 Atlanta North Campus, Cartersville Comment Form

## **Description of DRI project:**

The Northwest Georgia Regional Commission is requesting comments on DRI 4061 Switch KEEP 2.0 Atlanta North Campus, Cartersville. This phase is the first of several planned phases of development of data and technology centers on this site. This initial phase consists of 126 acres with a single data center facility approximately 1,620 ft. in length, along with associated driveways, detention ponds, and an electrical substation. The DRI is for the entire 2,200-acre parcel and all future phases of data centers/technology centers.

Please email comments to <u>imeadows@nwgrc.org</u> within the following 15-day period: Friday, September 1, 2023 – Friday, September 15, 2023.

## **Comments**

Name: Alan Hood Date: 9/21/2023

**Organization: GDOT Aviation** 

## Comments:

The proposed development is about 2.5 miles from Cartersville Airport (VPC). It is located outside any FAA approach or departure surfaces, and airport compatible land use areas, and does not appear to impact the airport as long as the building and construction equipment remain below 902' MSL.

If any construction equipment or construction exceeds 902' MSL, an FAA Form 7460-1 must be submitted to the Federal Aviation Administration according to the FAA's Notice Criteria Tool found here

(https://oeaaa.faa.gov/oeaaa/external/gisTools/gisAction.jsp?action=showNoNoticeRequiredToo IForm). Those submissions for any associated cranes may be done online at https://oeaaa.faa.gov. The FAA must be in receipt of the notifications, no later than 120 days prior to construction. The FAA will evaluate the potential impacts of the project on protected airspace associated with the airports and advise the proponent if any action is necessary.

Thank you for the opportunity to comment on the proposed development.

Reviewing Regional Commission: Northwest Georgia

**Contact Person:** Julianne Meadows

**Address**: P. O. Box 1798, Rome, Georgia 30162-1798 **Phone**: (706) 295-6485 **Fax**: (706) 295-6665

E-mail: jmeadows@nwgrc.org

# SIGN PICTURES 9-22-23

Carter Grove Blvd





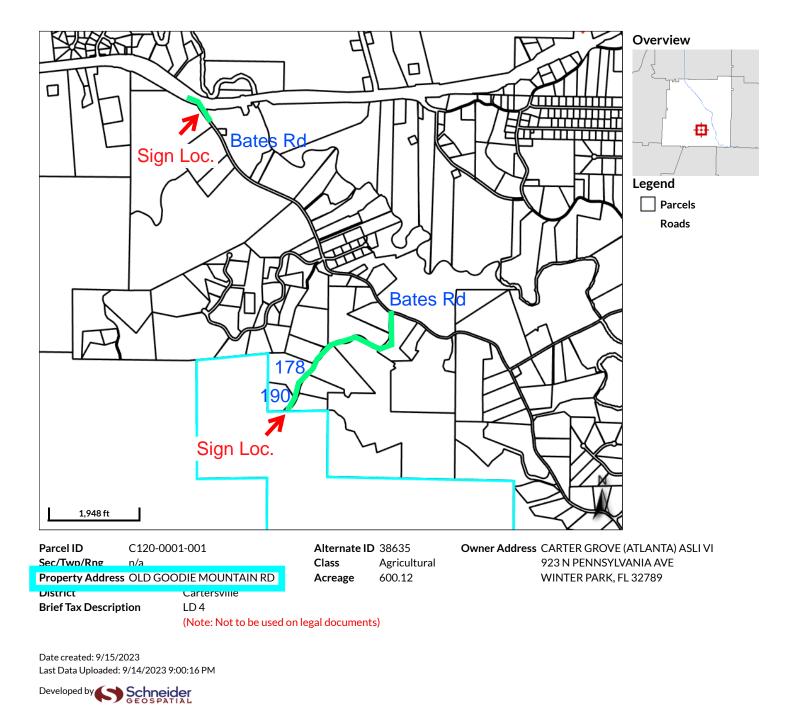




## Goodie Mountain Rd

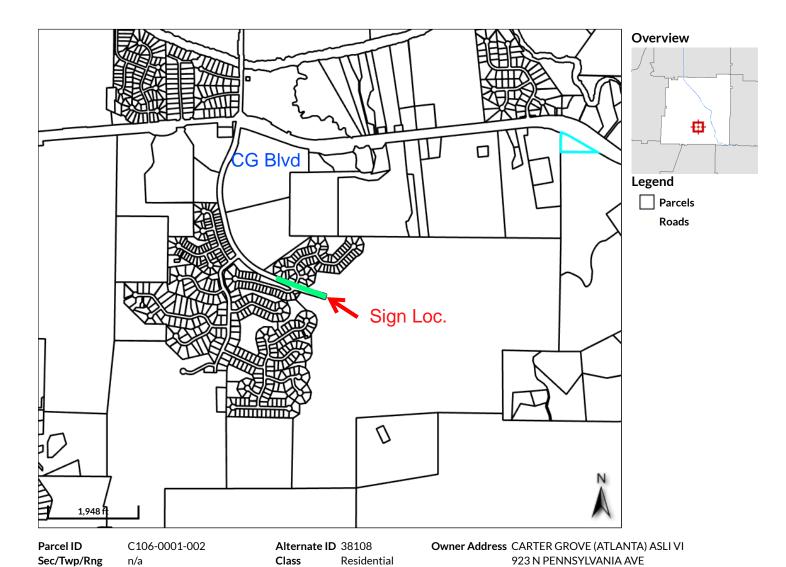






NO PUBLIC ROW ABUTS CARTER GROVE PROPERTY IN PAULDING COUNTY. NO ZONING SIGNS REQUIRED. LETTERS ONLY.

WINTER PARK, FL 32789



Acreage

(Note: Not to be used on legal documents)

3.69

Date created: 9/15/2023 Last Data Uploaded: 9/14/2023 9:00:16 PM

Property Address OLD ALABAMA RD

LL959 LD4

Developed by Schneider GEOSPATIAL

**Brief Tax Description**