

# Planning & Zoning Commission Meeting

696 Sky Valley Way - Lodge

**Monday, October 17, 2016**  
**9:00 AM**

## AGENDA

Call to Order

Approval of Minutes

Adoption of the Agenda

### Public Hearing

[Application for proposed conditional use Zoning for cell tower and request for variance](#)

(Please note, additional public comments on this Application can be made at the Council Meeting scheduled for October 25, 2016 at 10:00 A.M.)

### Old Business

None

### New Business

1. Discussion of Recommendation by P & Z on SouthernLinc Zoning Application
2. Discussion of November Meeting Date(s)

Adjournment

# NOTICE OF PUBLIC HEARINGS PURSUANT TO O.C.G.A. §36-66-4

Please be advised that the City of Sky Valley Planning and Zoning Commission will meet at  
9:00 AM on the 17<sup>th</sup> day of October, 2016  
at the Lodge, 696 Sky Valley Way,

**to consider a proposed conditional use zoning for a cell tower and request for variance, on this parcel of land:  
412 Wild Bird Lane, Tax Map 58C 210, 0.10 acres – Georgia Power Company.**

The applicant is Southern Linc c/o Value Concepts, authorized agent.

Please be further advised that the Mayor and Council of the City of Sky Valley will hold a public hearing on the 25<sup>th</sup> day of October, 2016 beginning at 10:00 AM at the Lodge, 696 Sky Valley Way to consider the above proposed zoning with possible conditional uses.

**NOTICE OF PUBLIC HEARINGS  
PURSUANT TO O.C.G.A. §36-66-4**

Please be advised that the City of Sky Valley Planning and Zoning Commission will meet at 9:00 AM on the 17<sup>th</sup> day of October, 2016 at the Lodge, 696 Sky Valley Way, to consider a proposed conditional use zoning for a cell tower, on the following parcel of land:

(a) Property of Georgia Power located at 412 Wild Bird Lane, Tax Map 58C 210, 0.10 acres. The applicant is Southern Linc c /o Value Concepts, authorized agent.

Please be further advised that the Mayor and Council of the City of Sky Valley will hold a public hearing on the 25<sup>th</sup> day of October, 2016 beginning at 10:00 AM at the Lodge, 696 Sky Valley Way to consider the above proposed zoning with possible conditional uses.

This 26<sup>th</sup> day of September, 2016

Ella Fast, City Clerk

September 26, 2016

The Clayton Tribune  
PO Box 425  
Clayton, GA 30525

Please place the following notice in the legal section of your paper on Thursday, September 29, 2016.

NOTICE

A public hearing will be held before the City of Sky Valley Planning and Zoning Commission on Tuesday, October 17, 2016 at 9:00 AM in the Lodge, 696 Sky Valley Way, Sky Valley, GA concerning the following to a variance of Sky Valley Zoning Ordinance 05-15:

Section 4.A. to allow a new tower on parcel zoned SF under Section 5 definition of a Preferred Location Site

Section 6.A. 3 for fencing due to remote location and existing vegetation

Section 6.A.7 for landscaping due to the remote location and existing vegetation

Section 6.B.5. for setback of tower height from adjacent residential use due to the remote location of the site and that the adjacent properties are vacant

At the hearing, any interested parties may present data, make statements, or offer viewpoints or arguments either orally or in writing. Statements shall be concise to afford all an opportunity to be heard.

Ella Fast  
City Clerk

# MEMO

TO: CITY OF SKY VALLEY PLANNING AND ZONING

FROM: SOUTHERN LINC  
AGENT: WAYNE RAYBURN, VALUE CONCEPTS, INC.

RE: TELECOMMUNICATIONS PERMIT APPLICATION/ CONDITIONAL USE WITH  
VARIANCES: NEW 100' MONOPOLE TOWER

LOCATION: 412 WILD BIRD LANE (PARCEL 058C 210), Sky Valley

The purpose of this memo is to address certain requirements of the City of Sky Valley Telecommunications Facilities Ordinance 14-04 and the Conditional Use Permit application.

## SECTION 4. PLACEMENT OF TELECOMMUNICATIONS FACILITIES BY ZONING DISTRICT.

A. Towers are permitted in the following zoning districts: CM and M

*In 1985 Georgia Power was permitted to construct a 75' monopole communications tower on the above referenced parcel of land that is currently zoned SF. The new monopole tower is requested under the following Section 5 definition of a Preferred Location Site.*

## SECTION 5. PREFERRED LOCATION SITES.

B. Co-Location Sites: Any existing site on which a legal wireless telecommunications facility is currently located shall be a Preferred Location Site regardless of the underlying zoning designation of the site, provided, however, that locations which meet this criteria shall be subject to the design and siting components of this ordinance and co-location sites shall not become an "antenna farm" or otherwise be deemed by the Director or the governing authority to be visually obtrusive.

## SECTION 6. REQUIREMENTS FOR TELECOMMUNICATIONS FACILITIES.

*Southern Linc shall comply with Sections 6.A.1-2, 4-6, 8-9*

A.3. Security:

*Southern Linc is requesting that the fencing requirement be waived by the Planning Department due to the substantial existing vegetation and remote location of the site.*

A.7. Landscaping:

*Southern Linc is requesting a waiver of Landscaping requirements due to the substantial existing vegetation and remote location of the site.*

A.10. Lot Size and Setbacks:

a.(3) Protect adjoining property from the potential impact of tower failure by being large enough to accommodate such failure on the site, based on the engineer's analysis required in Section 7.

*Please see Tower Fall Zone Letter Exhibit 1.*

B. Additional Requirements for Towers:

*Southern Linc shall comply with B.1-4, 6-7*

B.5. When a tower is adjacent to a residential use, it must be set back from the nearest residential lot line a distance at least equal to its total height.

*Based on the tower fall zone letter attached as Exhibit 1, the remote location and the topography of the site that would most likely prohibit future construction near the site, Southern Linc requests a variance of setback of tower height from adjacent residential use lot lines. Also, please note that one side of the tower site is US Forest Service land and the rest is a 165.74 Acre undeveloped tract. (Please see Exhibit 1 and Exhibit 2)*

SECTION 7. APPLICATION PROCEDURES

A. Special Use Permits:

1. Basic Information:

a. *See Site Construction Plans dated March 1, 2016*

b. Landscaping Plan:

*Southern Linc is requesting a waiver of Landscaping requirements due to the substantial existing vegetation and remote location of the site.*

c. An Impact Statement fully describing the effects that the proposed telecommunications facility will have on the environment and surrounding area including the impacts on adjacent residential structures and districts, impacts on structures and sites of historic significance and impacts on streetscapes and significant view corridors. The Impact Statement shall include a description of anticipated maintenance needs for the telecommunications facility, including frequency of service, personnel needs, equipment needs, and traffic noise or safety impacts of such maintenance.

*Impact Statement:*

*The current communications site has existed for 31 years. The new tower will not add any substantial impact to the environment and surrounding area. Once constructed, the maintenance needs will remain the same as before which is roughly 1 visit by a technical per month. The attached Exhibit 3, FCC NEPA Environmental Checklist, clears the*

*proposed tower for the FCC's environmental concerns and includes the SHPO (State Historic Preservation Officers) determination of no effect on sites of historic significance.*

d. Report from a professional structural engineer licensed in the State of Georgia, documenting the following:

i. Telecommunications facility height and design, including technical, engineering, economic, and other pertinent factors governing selection of the proposed design;

ii. Total anticipated capacity of the telecommunications facility, including number and types of antennae which can be accommodated;

*Please see Exhibit 4 (Page 1 and 2): Professional Engineer's Report*

iii. Evidence of structural integrity of the tower structure (i.e. Engineers statement that structure is built to meet or exceed Standard Building Code)

*Please see Tower Fall Zone Letter Exhibit 1 and Exhibit 4: Professional Engineer's Report*

iv. Structural failure characteristics of the telecommunications tower(s) over seventy (70) feet and demonstration that site and setbacks are of adequate size to contain debris.

*Please see Tower Fall Zone Letter Exhibit 1*

v. Setbacks for telecommunication tower(s) seventy (70) feet and less shall not be closer to a residential structure than the height of the tower or closer to a residential property line than forty (40) feet

*The proposed tower height will be greater than 70 feet (100'). Southern Linc requests a variance of setback of tower height from adjacent residential property line. (See Exhibit 1 and Sheet C5 of the proposed Site Plans)*

e. A definition of the area of service to be served by the antenna or tower and whether such antenna or tower is needed for coverage or capacity.

*The area to be served by this tower includes Sky Valley, Dillard, Rabun Gap and Mountain City. This tower connects with Southern Linc's tower on Black Rock Mountain which provides service to Clayton. The tower is needed for both coverage and capacity.*

f. The identity of a community liaison officer to resolve issues of concern to neighbors and residents relating to the construction and operation of the facility. Include name, address, telephone number, facsimile number and electronic mail address, if applicable.

Edward Murray  
LTE Site Construction Manager  
Southern Linc  
4601 Southlake Parkway Bin SP-0800  
Hoover, AL 35244  
(205) 257-4987  
ELMURRAY@SOUTHERNCO.COM

g. The existing towers and tall structures located within the geographic service area should be identified on a map along with written justification as to the need for a new tower in place of an existing structure.

*Please see Exhibit 4: Professional Engineer's Report and Exhibit 5 (Page 1 and 2): Towers within the service area.*

2. A map indicating all existing tower and antennae sites located within the City and within two (2) miles of the City boundaries.

*Please see Exhibit 5 (Page 1 and 2): Towers within the service area.*

*PLEASE SEE ALSO: TELECOMMUNICATIONS APPLICATION CHECKLIST*



**City of Sky Valley**  
**3444 Highway 246**  
**Dillard, Georgia 30537**

TELECOMMUNICATIONS APPLICATION CHECKLIST

FOR

100' COMMUNICATIONS TOWER  
SOUTHERN LINC /GEORGIA POWER  
PROPERTY ADDRESS: 412 WILD BIRD LANE  
PARCEL ID#: 05C 210

- TELECOMMUNICATIONS PERMIT APPLICATION
- APPLICATION FOR VARIANCE
- APPLICATION FOR CONDITIONAL USE PERMIT
- BUILDING PERMIT APPLICATION

FOR NEW TOWERS/ STRUCTURES:

- COMMITMENT LETTER
- MATERIALS  
*Please see enclosed Signal Propagation Plot, Photo Simulations and Additional Photo Locations*
- STRUCTURAL RENDERINGS  
*Please see enclosed Photo Simulations*
- ENGINEERING STATEMENT  
*Items 1-3: Please see enclosed Exhibit 4 (Pages 1 & 2): Professional Engineers Report*  
*Items 4-5: Structural Integrity: Please see enclosed Exhibit 1: Tower Fall Zone Letter from Sabre Towers*  
*Item 6: Distance to Residential Use: Please see proposed Construction Site Plans, sheet C5*
- MAP: proposed tower location with respect to nearest airport  
*Please see enclosed Airport Location Map*
- FAA DETERMINATION  
*Please see attached Application for FAA Determination*
- STATEMENT OF CO-LOCATION FEASIBILITY  
*Item 1: Please see attached Exhibit 4: Professional Engineers Report*  
*Item 2: The only existing structure available for consideration as an alternative to a new tower is the existing Georgia Power tower at this site. The existing tower is fully loaded with existing antennas. An extension to the existing tower was considered but found unfeasible due to the age of the tower and the lack of data on the foundation design of that tower.*  
*Item 3: Any available space on the proposed tower will be made available for co-location to other service providers at commercially reasonable rates. Southern Linc is in discussions with the Sky Valley / Scaly Mountain Volunteer Fire & Rescue for placement of their antennas on the tower.*
- FILING FEE



## TELECOMMUNICATIONS PERMIT APPLICATION

<b>FOR STAFF USE ONLY</b>	<b>DATE/TIMESTAMP</b>
Project# _____ Filing Fee \$ <u>500<sup>00</sup></u> Received By: <u>EF</u>	9/19/2016 2:45
<b>FOR CERTIFICATION USE ONLY</b>	<b>APPROVAL GRANTED</b>
Parcel ID # <u>0580210</u> Zoning District _____ Zoning Conditions _____	<input type="checkbox"/> Yes <input type="checkbox"/> No
<b>COMMENTS</b>	<b>SIGNATURE</b>
	<b>DATE</b>

This telecommunications permit application is required for submittals . . .

### APPLICANT AND PROPERTY/ TOWER OWNER INFORMATION

<b>1. Applicant Name:</b> Southern Linc	
Address: % Value Concepts, Inc., 1790 Atkinson Rd., Lawrenceville, GA 30043	
Phone #: 404-535-7646	E-mail Address: x2raybur@southernco.com

<b>2. Property/Structure Owner Name:</b> Georgia Power Company	
Address: 241 Ralph McGill Blvd, Atlanta 30308	
Phone #: 404-506-3808	E-mail Address: rmburley@southernco.com



# APPLICATION FOR VARIANCE

City of Sky Valley, Georgia  
Planning & Zoning Commission  
3444 Highway 246  
Sky Valley, GA 30537

A notice shall be placed in a newspaper with general circulation within the territorial boundaries of the local government at least 15 but not more than 45 days prior to the date of the Planning & Zoning Hearing. The notice shall state the time, place, and purpose of the hearing.

A sign containing information required by local ordinance shall be placed in a conspicuous location on the property not less than 15 days prior to the date of the Planning & Zoning public hearing.

Letters by regular mail shall be sent to all adjoining property owners stating all pertinent facts of the variance request using the same time frame as the public notice in the local newspaper.

This variance request application shall be submitted with all required information to the City Clerk by 12:00 PM on Thursday to be published in the following week's edition of the Clayton Tribune. The Planning & Zoning Commission can hold a public hearing on the request no earlier than 15 days following the notice in the newspaper. The Planning & Zoning Commission will then make a recommendation to the City Council to approve or deny the request at the next regularly scheduled council meeting. Regular monthly council meetings are held the fourth Tuesday of the month at 10:00 AM unless otherwise noticed.

Date: 9/13/2016

Property address: 412 Wild Bird Lane

Subdivision Name & Part: Sky Valley District 06 (Parcel 058C 210) Lot Number: 168  
(Required if no property address.)

Owner of Property: Georgia Power Company

Address: 241 Ralph McGill Blvd., Atlanta GA 30308

Telephone: 404-506-3808

Name of Applicant: Southern Linc

Address: % Value Concepts, 1790 Atkinson Rd, Suite D-100, Lawrenceville, GA 30043

Telephone: 404-535-7646

*If the Owner and Applicant are not the same, signatures of both Owner and Applicant must appear on the application and be dated.*

I hereby request that the property described in this application be given a variance as follows:

- 1) Section 4.A. - Request variance to allow a new tower on parcel zoned SF under Section 5 definition of a Preferred Location Site
- 2) Section 6.A.3. - Request variance for fencing due to remote location & existing vegetation
- 3) Section 6.A.7. - Request variance for landscaping due to the remote location and existing vegetation
- 4) Section 6.B.5. - Request variance for setback of tower height from adjacent residential use due to the remote location of the site and that the adjacent properties are vacant.

SUMMARY OF VARIANCE REQUEST

Give a summary description of your proposed project in the space provided below. This summary should include purpose, type of construction (per Building Code Regulations), square footage, height, and any other pertinent information deemed necessary.

Southern Linc uses the current telecommunications site for its iDEN Network and is planning to deploy its new 4G LTE network  
at this location. The current tower is only 75' and is at capacity with antenna loading. The proposed new 100' monopole tower will  
add the necessary height to successfully deploy the new 4G LTE network. The current communications shelter will be utilized for  
new radio equipment so there should be no other ground disturbance.

SITE PLAN

A current Registered Surveyor's site plan that shows the location of all corner pins (flagged), all easement and set-back lines, road right of way width, location of road (paved or gravel) with the right of way, all existing and or proposed buildings of the plan on which the variance is requested.

FEES

The fee for advertising and administrative costs is \$250.00 due at time of application.

AUTHORIZATION TO INSPECT PREMESIS

I hereby authorize the City of Sky Valley City Council and the Planning & Zoning Commission to inspect the premises which are the subject of this variance request.

Please see enclosed Authorization by Property Owner  
 Signature of Property Owner

2/9/16  
 Date

Wayne Rayburn  
 Signature of Applicant (if other than Property Owner)

9/13/2016  
 Date

*Agent for Southern Linc*



# Application for Conditional Use Permit

\*Applicant Southern Linc

Telephone Number 404-535-7646 Email Address x2raybur@southernco.com

Mailing Address % Value Concepts, Inc., 1790 Atkinson Road, Suite D-100, Lawrenceville, GA 30043

Has the applicant made any campaign contributions over \$250 to any local government official of the City of Sky Valley  YES  NO

\*Note: If applicant is not the owner, as listed on the Property Deed, a notarized letter from the owner(s), including phone number and address, authorizing the applicant to act on their behalf must be included.

## PROCEDURE

### Application Requirements

All Applications must be complete and include required supporting documents. **Incomplete applications will not be accepted.**

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PROPERTY ADDRESS (OR GENERAL LOCATION DESCRIPTION IF NO ADDRESS ASSIGNED):  
412 Wild Bird Land, Sky Valley, GA

TAX MAP/PARCEL ID#: 058C 210 ACREAGE: .10

CURRENT ZONING: SF

FUTURE DEVELOPMENT MAP CHARACTER AREA DESIGNATION:

EXISTING USE: Telecommunications Tower Site

PROPOSED USE: Same

DOES THE PROPOSED USE TRIGGER A DEVELOPMENT OF REGIONAL IMPACT?

YES  NO

DOES THE PROPOSED USE REQUIRE REZONING? *IF YES, ATTACH APPLICATION*

YES  NO

DOES THE PROPERTY REQUIRE ANNEXATION? *IF YES, ATTACH PETITION*

YES  NO

HAS THE PROPERTY BEEN DENIED A ZONING CHANGE IN THE PAST 12 MONTHS?

YES  NO

HAS ANY PUBLIC HEARING BEEN HELD REGARDING THE PROPERTY IN THE PAST 3 YEARS?

YES  NO *IF YES, DESCRIBE:* \_\_\_\_\_

### Conditional Use Permit Questionnaire

The Sky Valley Land Development Regulations state that in order to promote the public health, safety, morality and general welfare of citizens against the unrestricted use of property, certain "Standards for the Exercise of Zoning Powers" may be used by the governing body when making Conditional Use Permit decisions. The applicant is encouraged to respond to these questions to gain understanding as to why Conditional Use Permit requests may or may not be approved. (Attach additional sheets as necessary.)

- 1) Is the proposed use consistent with the requirements of the zoning district in which it is located, including required parking, loading areas, setbacks, and transitional buffers.

The existing tower site and 75' tower were constructed in 1985 in a remote location on Alex Mountain.

Southern Linc does not know the site zoning at that time but the current zoning is SF. The site is bordered on 3 sides (N, E & S) by SF and on the west by US Forestry Service land zoned A.

Due to the current at capacity antenna loading of the existing 75' tower and in order to meet RF design requirements for its deployment of 4G LTE, Southern Linc is requesting that a new 100' monopole tower be permitted at this site under the Ordinance Section 5.B. Preferred Location.

- 2) Is the proposed use compatible with the land uses on adjacent properties, including the size, scale and massing of buildings?

Yes. All adjacent properties are currently vacant.

- 3) Is the ingress and egress to the subject property, and all proposed buildings, structures and uses thereon adequate? Are the public streets providing access to the subject site adequate to safely handle the traffic generated by the proposed use?

Yes. Once the new tower is constructed, the site will only occasionally be visited for routine service approximately once per month.

- 4) How will the proposed use impact public facilities and services, including stormwater management, schools, parks, sidewalks and utilities? Are these facilities and services adequate to support the proposed use?

No additional impact. Utility services already exist.

5) Will the proposed use create adverse impacts on any adjacent or nearby properties by reason of noise, smoke, odor, dust, or vibration or by the character and volume of traffic generated by the proposed use?

No. The new tower will require no additional facilities that would create adverse impacts on adjacent or nearby properties.

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6) Will the proposed use adversely affect adjoining properties by reason of the manner of use or the hours of operation of the proposed use?

No. This will continue to be an unmanned communications site.

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7) Will the proposed use create adverse impacts on any environmentally sensitive areas or natural resources (wetlands, floodplain, etc.) ?

No. Section 106 NEPA Environmental study has been conducted, a copy of which is enclosed, showing no impact on environmentally sensitive areas or natural resources.

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**NOTE:** In making the decision to approve or deny a Conditional Use Permit, the City Council will consider the same criteria outlined in the above questionnaire. The City Council may impose or require additional restrictions and standards as may be necessary to protect the health and safety of workers and residents in the community and to protect the value and use of property in the general neighborhood. The issuance of a Conditional Use Permit shall only constitute approval of the proposed use, and development of the use shall not be carried out until the applicant has secured all other permits and approvals required. Conditional Use Permit approval may be revoked if any term, condition or restriction upon which the Permit was granted is not complied.

**APPLICATION CHECKLIST**

**Supporting Documents:** The following list of supporting documents must be submitted with this application. Only one (1) copy of each supporting document is necessary. Only *complete* applications will be accepted.

- Letter of Authorization:** If Applicant is not the current Property Owner or is one of multiple Owners, a notarized Letter from the Owner(s), including their phone number and address, authorizing the applicant to act on their behalf.
  
- Property Boundaries:** A written legal description of the property (such as metes and bounds, or recorded subdivision plat information), or an appropriate Boundary Survey of the property (no larger than 11 x 17) mechanically drawn and prepared by a land surveyor registered in Georgia.
  
- Conceptual Site Plan:** A proposed conceptual site plan (no larger than 11 x 17) of the subject property mechanically drawn at a scale of 1" = 100', or other scale acceptable to the Planning and Zoning Administrator, and shall include the following:
  - o Name of the drawing, date, north arrow, and graphic scale.
  - o All buildings and structures existing or proposed to be constructed and their location on the property.
  - o Existing or proposed site improvements including sidewalks, roads, driveways, parking spaces, loading areas, landscaped areas, and drainage facilities.
  - o Proposed use of each building or portion thereof.
  - o Building setbacks and any required buffer yards as well as the dimensions of all property boundary lines.
  - o All other information necessary to demonstrate compliance
  
  - o Any additional required information discussed at the Pre-Application meeting or necessary to allow understanding of the proposed use and property development.

**CERTIFICATION AND AUTHORIZATION**

I hereby certify that, to the best of my knowledge and belief, the above listed information and all attached supporting documents are complete and accurate. I understand that this application will require a site visit and authorize staff of the Planning and Zoning office or their designee to enter and inspect the premises which are the subject of this application. I also understand that this application will require public hearings by the City of Sky Valley Planning Commission and the Sky Valley City Council.

Signature of Applicant Wayne Ray Date 9/13/2016

*Agent for Southern Linc*

**FOR STAFF USE ONLY**

Date Received: \_\_\_\_\_ Reviewed for Completion By: \_\_\_\_\_

**FEES:**

Application Charge: \$100.00

**TOTAL FEE: \$100.00**

**PUBLIC HEARING DATES:**

\_\_\_\_\_

PC \_\_\_\_\_ City Council \_\_\_\_\_

**PUBLIC NOTICE DATES:**

Property Posted \_\_\_\_\_ Legal Ad Run \_\_\_\_\_ & \_\_\_\_\_

Letters Mailed: \_\_\_\_\_

**DECISION:**

Approved                  Denied                  *Circle One*

Comments: \_\_\_\_\_

**AUTHORIZATION BY PROPERTY/ TOWER OWNER**

I, Larry Butts for GPC (Property or Tower Owner's Name) SWEAR AND AFFIRM THAT I AM THE OWNER OF THE PROPERTY/ TOWER OWNER AT 412 Wild Bird Way (Parcel # 0580 210) (Property Address), AS SHOWN IN THE TAX MAPS AND/OR DEED RECORDS OF RABUN COUNTY, GEORGIA. I hereby authorize the person(s) or entity(ies) named below to act as the applicant or agent in pursuit of the telecommunications permit requested on this property.

Name of Applicant: Southern LINC Wireless / Georgia Power

Last Name: Rayburn First Name: Wayne

Address: 1790 Atkinson Rd, Suite D-100

City: Lawrenceville State: GA

Zip Code: 30047

**TELEPHONE NUMBER**

AREA CODE (404) Number 535-7646

Notary's Seal:

404-506-2065

Larry Butts for GPC

Print Name of Property or Tower Owner

Larry Butts

Signature of Property or Tower Owner

Personally Appeared Before Me this 9th day of Feb 2016

Kelley E Richards  
Notary Signature

2-9-16  
Date

**Kelley E Richards**  
Notary Public, Henry County, Georgia  
My Commission Expires February 23, 2018

**AUTHORIZATION BY PROPERTY/ TOWER OWNER**

I, Claudia Cantrell (Property or Tower Owner's Name) SWEAR AND AFFIRM THAT I AM THE OWNER OF THE PROPERTY/ TOWER OWNER AT 442 W JJ Birdway, Sky Valley (Parcel # 058C 210) (Property Address), AS SHOWN IN THE TAX MAPS AND/OR DEED RECORDS OF RABUN COUNTY, GEORGIA. I hereby authorize the person(s) or entity(ies) named below to act as the applicant or agent in pursuit of the telecommunications permit requested on this property.

Name of Applicant: Southern LINC Wireless / Georgia Power

Last Name: Rayburn First Name: Wayne

Address: 1790 Atkinson Rd, Suite D-100

City: Lawrenceville State: GA

Zip Code: 30043

TELEPHONE NUMBER

AREA CODE (404) Number 535-7646

Notary's Seal:

706-317-2166

Claudia Cantrell

Print Name of Property or Tower Owner

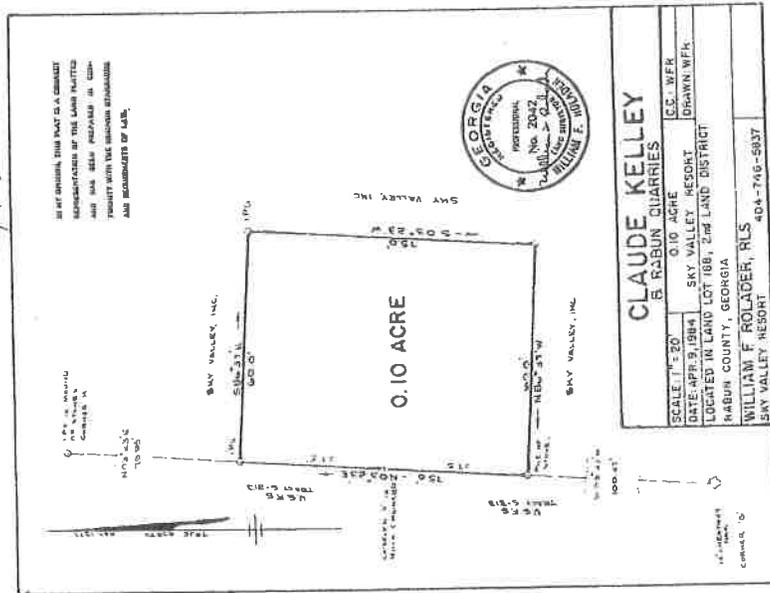
Claudia Cantrell

Signature of Property or Tower Owner

Personally Appeared Before Me this 19<sup>th</sup> day of January 2016

[Signature]  
Notary Signature  
My Commission expires July 18, 2017

January 19, 2016  
Date



*Recorded This the 15<sup>th</sup> Day of January, 1985.  
James J. [Signature]  
Dip C. [Signature]*

*86  
[Signature]*

All that tract or parcel of land lying and being in Land Lot 168 of the Second Land District of Rabun County, Georgia and being in the City of Sky Valley, Georgia and being 0.10 acre as described upon a plat of survey dated October 16, 1984 and prepared by William F. Rolader, Georgia Registered Land Surveyor No. 2042, said survey being recorded in the office of the Clerk of Rabun Superior Court in Plat Book 22, page 86. Said survey is incorporated herein by reference for a full and complete description of the above-described lands.

There is also conveyed all of the easement rights for access, ingress and egress to and from the property described in an Easement dated February 15, 1985 from Sky Valley, Inc. to Claude Kelly recorded in the office of the Clerk of Rabun Superior Court in Deed Book N-9, Page 542 and said easement is incorporated herein by reference for a full and complete description of said easement rights.

This conveyance is made subject to a lease agreement executed by Claude Kelly, Georgia Power Company and Sky Valley, Inc. dated February 19, 1985 and recorded in the office of the Clerk of Rabun Superior Court in Deed Book N-9, page 308-313.

# Sabre Industries™

Towers and Poles

August 4, 2016

Wayne Rayburn  
Value Concepts, Inc., for SouthernLINC Wireless

RE: Proposed 100' Sabre Monopole for Alex Mountain, GA

Dear Mr. Rayburn,

Upon receipt of order, we propose to design and supply the above referenced Sabre monopole for a Basic Wind Speed of 90 mph with no ice and 30 mph with 3/4" radial ice, Structure Class II, Exposure Category B and Topographic Category 3 with a crest height of 1000 feet, in accordance with the Telecommunications Industry Association Standard ANSI/TIA-222-G, "Structural Standard for Antenna Supporting Structures and Antennas.

When designed according to this standard, the wind pressures and steel strength capacities include several safety factors, resulting in an overall minimum safety factor of 25%. Therefore, it is highly unlikely that the monopole will fail structurally in a wind event where the design wind speed is exceeded within the range of the built-in safety factors.

Should the wind speed increase beyond the capacity of the built-in safety factors, to the point of failure of one or more structural elements, the most likely location of the failure would be within the upper portion of the monopole shaft. Assuming that the wind pressure profile is similar to that used to design the monopole, the monopole will buckle at the location of the highest combined stress ratio within the upper portion of the monopole shaft. This is likely to result in the portion of the monopole above "folding over" onto the portion below, essentially collapsing on itself. **Please note that this letter only applies to the above referenced monopole designed and manufactured by Sabre Towers & Poles.** In the unlikely event of total separation, this would result in the portion above collapsing within a radius of 20 feet.

Sincerely,

Keith J. Tindall, P.E.  
Vice President of Engineering





Exhibit 3

NEPA/SHPO



A Southern Company

September 14, 2016

Re: Proposed (Alex Mountain) monopole located at 412 Wild Bird Way, Sky Valley, GA

To: City of Sky Valley, GA

The location of the proposed monopole was chosen because of proximity to existing Southern Company communications facilities. The existing monopole at this location is unable to accommodate the current plus proposed antenna loading. The proposed 100' monopole would provide additional height to accomplish the required radio coverage propagation for Southern LINC's deployment of 4G LTE.

The proposed monopole will be designed to ANSI/TIA-222-G telecommunications design criteria for wind and ice loading.

SouthernLINC is currently in discussion with the Sky Valley volunteer fire department regarding co-location of the fire department's antennas on the proposed monopole.

Monopole Location Data

**Latitude:** 34-58-17.28

**Longitude:** 83-19-36.35

**Ground Elevation:** 4098.3'

**Monopole Height:** 100' (steel) + 5' (lightning rod)

Monopole Capacity

- Qty 6 Kathreine 80010736V01 antennas (for LTE)
- Qty 6 Ericsson RRUS 11 radio heads (for LTE)
- Qty 6 Ericsson Public Safety notch filters (for LTE)
- Qty 1 Antel BCD87010 antenna (for AMI)
- Sky Valley Volunteer Fire Department antennas

Respectfully Submitted:

A handwritten signature in blue ink that reads 'Clay Brogdon'.

Clayton H. (Clay) Brogdon, PE

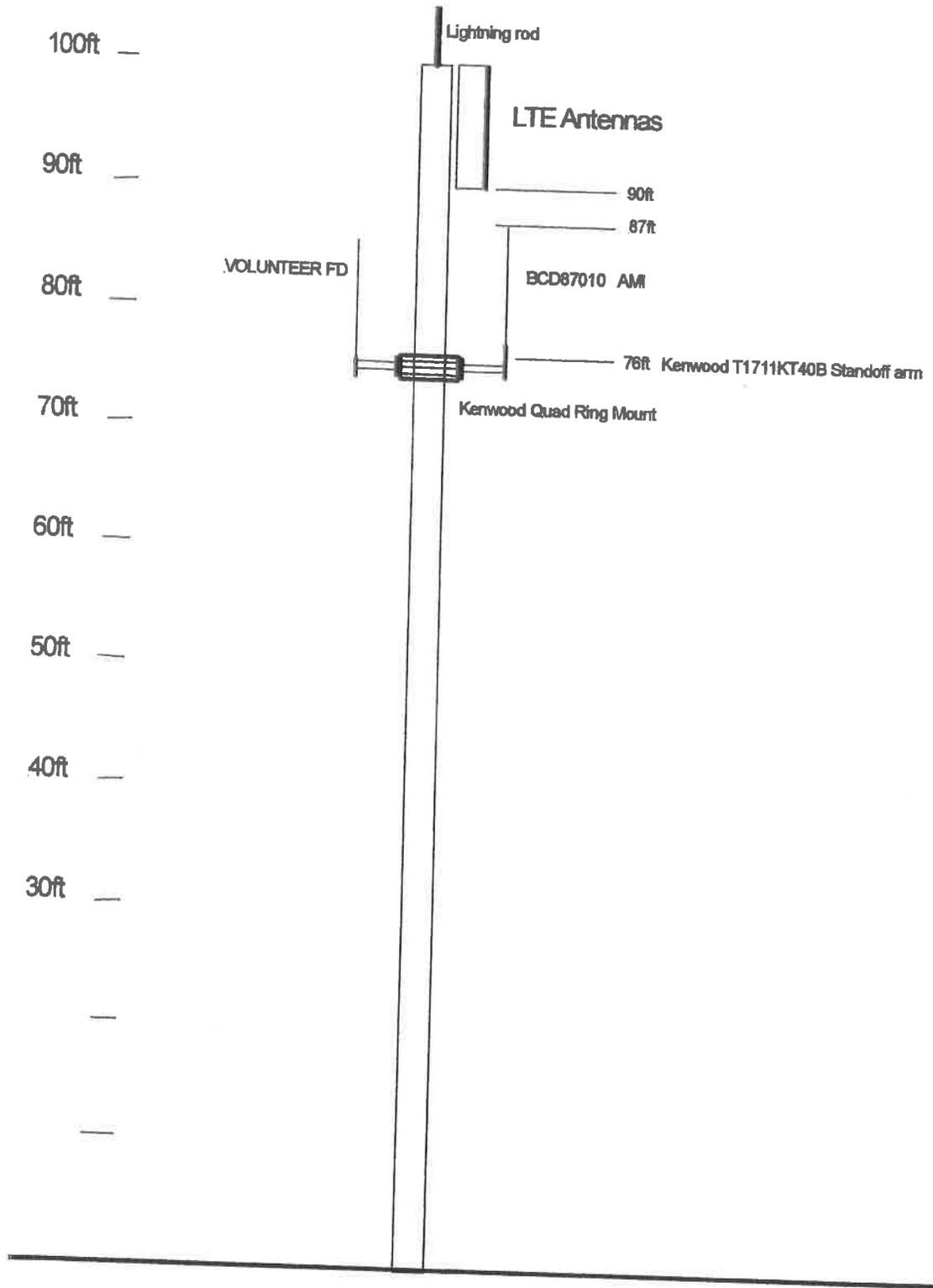
Manager of Engineering and Construction

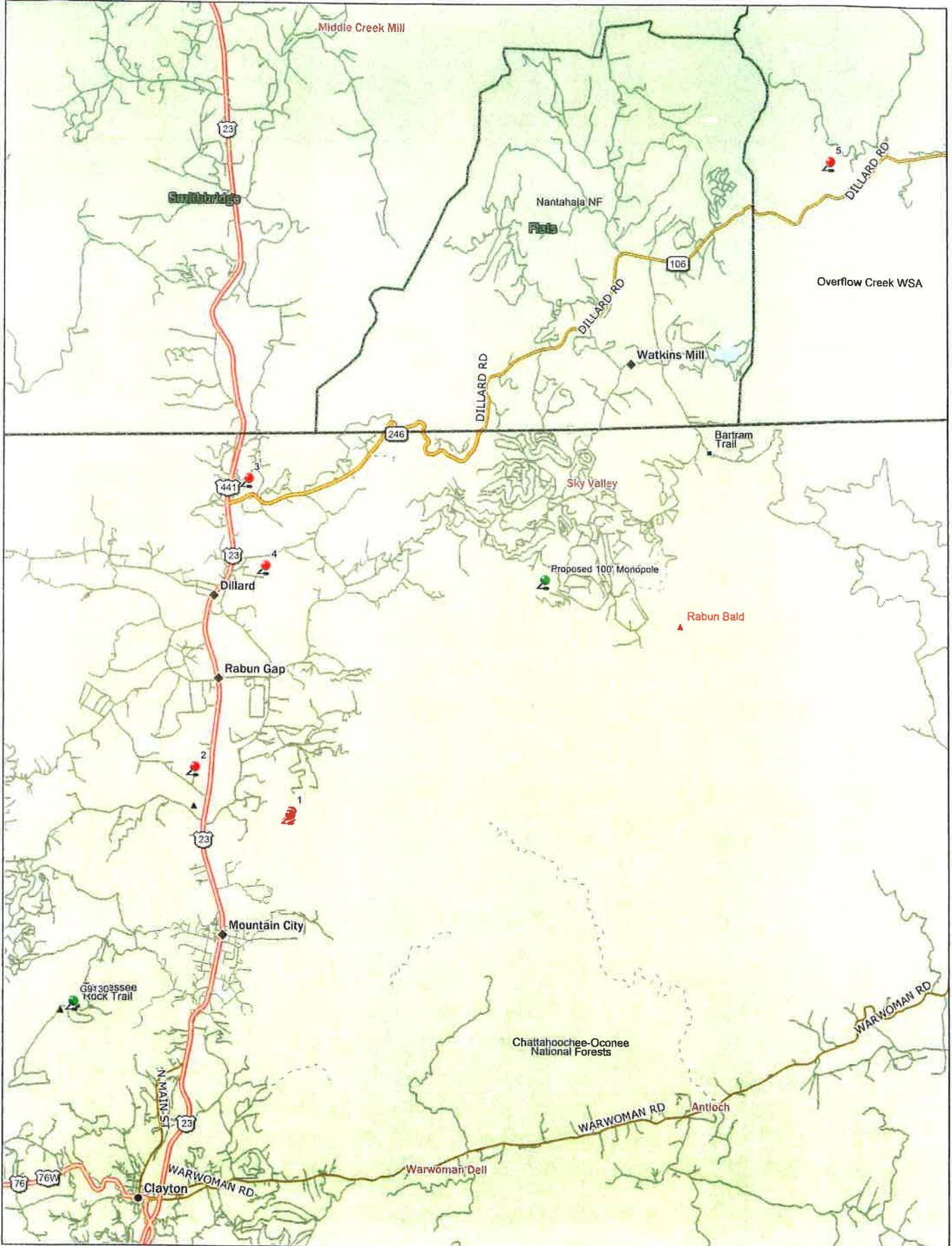
SouthernLINC Wireless

4601 Southlake Parkway  
Suite 150  
Hoover, AL 35224  
F 205-874-3953

southernlinc.com

### ALEX MT PROPOSED MONOPOLE

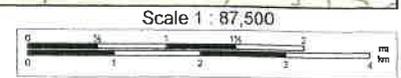




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Federal Aviation Administration

<< OE/AAA

Circle Search for Cases Results

Records 1 to 11 of 11

Case Number	City	State	Latitude	Longitude	Site Elevation	Structure Height	Total Height
1994-ASO-981-OE	HIAWASSEE	GA	34° 58' 17.40" N	83° 19' 36.60" W	4100	100	4200
2001-ASO-659-OE	MOUNTAIN CITY	GA	34° 56' 06.40" N	83° 22' 27.80" W	3020	314	3334
2004-ASO-6252-OE	RABUN GAP	GA	34° 56' 32.50" N	83° 23' 32.60" W	2160	70	2230
2006-ASO-2196-OE	Rabun	GA	34° 59' 12.20" N	83° 22' 56.50" W	2174	199	2373
2006-ASO-5634-OE	Clayton	GA	34° 58' 24.06" N	83° 22' 44.92" W	2170	199	2369
2008-ASO-4355-OE	Mountain City	GA	34° 56' 06.40" N	83° 22' 27.80" W	3020	314	3334
2008-ASO-6404-OE	Mountain City	GA	34° 56' 06.40" N	83° 22' 27.80" W	3020	314	3334
2009-ASO-3023-OE	Mountain City	GA	34° 56' 06.40" N	83° 22' 27.80" W	3020	314	3334
2009-ASO-6384-OE	Franklin	NC	35° 02' 07.40" N	83° 16' 22.30" W	4490	180	4670
2010-ASO-3363-OE	Mountain City	GA	34° 56' 06.40" N	83° 22' 27.80" W	3020	314	3334
2012-ASO-981-OE	Mountain City	GA	34° 56' 06.40" N	83° 22' 27.80" W	3020	314	3334

Page 1 of 1

Rows per Page: 20

Page 1 of 1

Records 1 to 11 of 11

Page: 1



Federal Aviation Administration

Proposed Case for : 2016-ASO-23338-OE

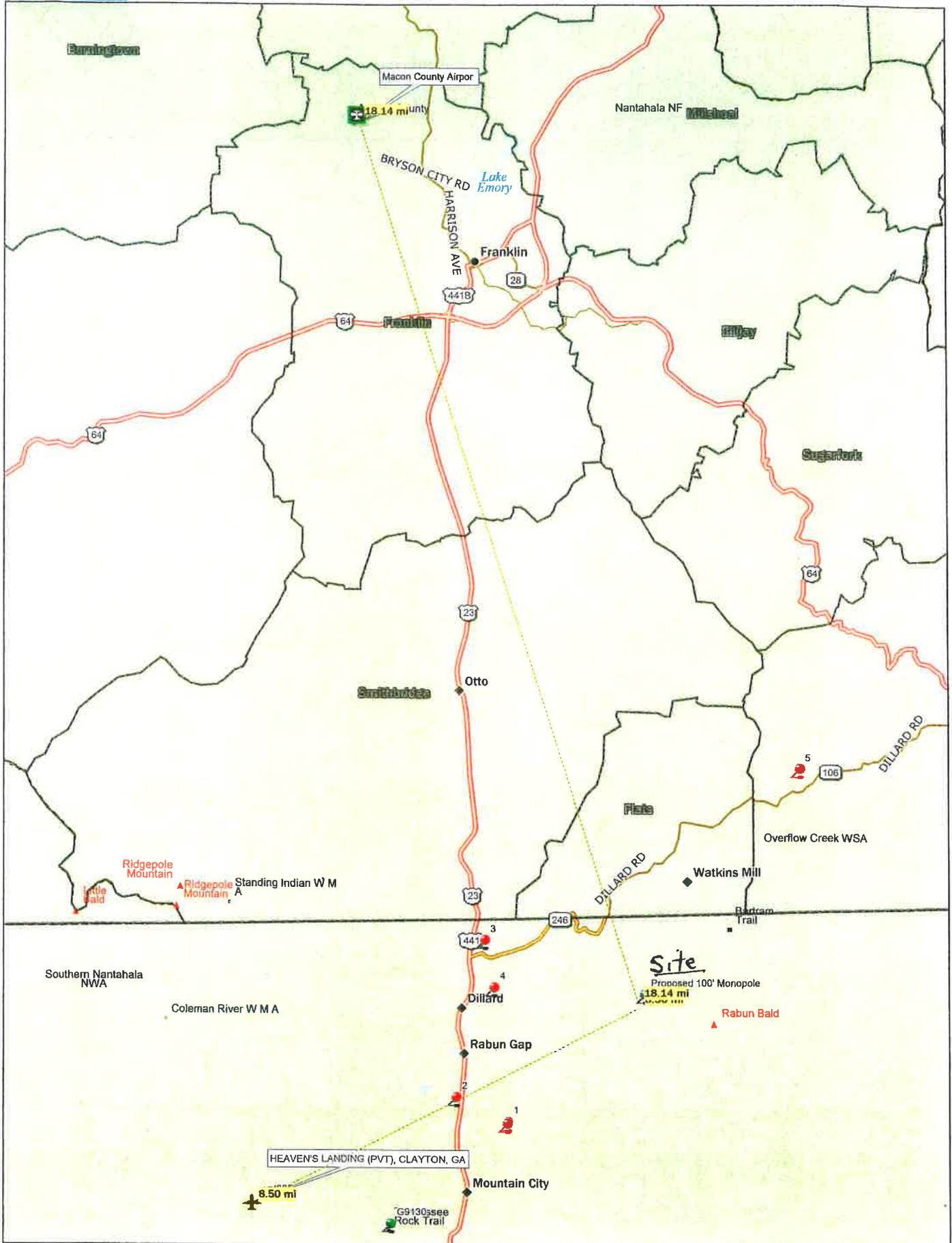
**For information only.**

This proposal has not yet been studied. Study outcomes will be posted at a later date. Public comments are not requested, and will not be considered at this time.

<b>Overview</b>	
<b>Study (ASN):</b> 2016-ASO-23338-OE	<b>Received Date:</b> 09/07/2016
<b>Prior Study:</b>	<b>Entered Date:</b> 09/07/2016
<b>Status:</b> Work In Progress	<b>Map:</b> <a href="#">View Map</a>
<b>Construction Info</b>	
<b>Notice Of:</b> CONSTR	<b>Structure Summary</b>
<b>Duration:</b> PERM (Months: 0 Days: 0)	<b>Structure Type:</b> Antenna Tower
<b>Work Schedule:</b> 11/01/2016 to 11/30/2016	<b>Structure Name:</b> Alex Mtn. - G9105
	<b>FCC Number:</b>
<b>Structure Details</b>	
<b>Latitude (NAD 83):</b> 34° 58' 17.26" N	<b>Height and Elevation</b>
<b>Longitude (NAD 83):</b> 83° 19' 36.35" W	
<b>Datum:</b> NAD 83	<b>Site Elevation:</b> 4098
<b>City:</b> Sky Valley	<b>Structure Height:</b> 105
<b>State:</b> GA	<b>Total Height (AMSL):</b> 4203
<b>Nearest County:</b> Rabun	
	<b>Frequencies</b>
	<b>Low Freq</b> <b>High Freq</b> <b>Unit</b> <b>ERP</b> <b>Unit</b>
	851            866            MHz        500        W

[← Previous](#)    [Back to Search Result](#)    [Next](#)

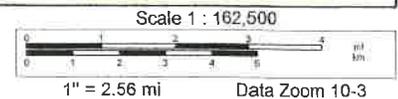
# Airport Location Map



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A Southern Company

**LTE PROJECT**

**SITE NAME: ALEX MOUNTAIN**  
**SITE NUMBER: G9105**

**412 WILD BIRD WAY**  
**SKY VALLEY, GA 30537**



intercloud systems company  
 300 DREW OAK CIRCLE DRIVE, LAKEMOOD, FL 32750  
 TEL: 407.280.0231

**APPROVALS**

OWNER:                      ABL  
 LANGUAGE:                       
 LEASING:                       
 CONSTRUCTION:                      ELM

DATE	BY	DESCRIPTION
11/03/16	REVISION	REVISION
09/27/16	ISSUED FOR CONSTRUCTION	
11/17/16	ISSUED FOR REVISION	
09/27/16	ISSUED FOR REVISION	



EMANUEL POLUNIN  
 MAJOR 01/2016

SITE #                      G9105  
 SITE NAME:                      ALEX MOUNTAIN  
 ADDRESS:                      412 WILD BIRD WAY  
                     SKY VALLEY, GA 30537  
 SHEET TITLE:                      LTE PROJECT

**TITLE SHEET**

SHEET NUMBER: **T1**

DRAWING INDEX	REV	DATE
T1	1	03/07/16
T2	0	02/10/16
C21	0	02/15/16
C3	0	02/16/16
C4	0	02/16/16
C5	1	03/07/16
B1	0	02/16/16
B2	0	02/16/16
B3	0	02/16/16

**PROPOSED TOWER DATA (MAD 83)**  
 EXISTING TOWER: 75' MONROPE  
 PROPOSED TOWER: 107' MONROPE  
 LATITUDE: 34° 58' 17.28" NORTH  
 LONGITUDE: 83° 19' 55.59" WEST  
 GROUND ELEVATION (EXISTING): 4100' AMSL

**ZONING INFORMATION**  
 ZONING CLASS: 5F  
 PARCEL ID: 0560 210

**PROJECT DESCRIPTION**  
 UPGRADE OF EXISTING EQUIPMENT AT EXISTING SITE TO INCLUDE:  
 1. INSTALLATION OF NEW 100' MONROPE  
 2. ADDITION OF (2) LTE ANTENNAS, (2) RAILS & (2) NOTCH FILTERS, (1) PER SECTION ASSEMBLY  
 3. ADDITION OF (1) HEARD RIBBON CABLE  
 4. ADDITION OF (2) TM-SECTION RING MOUNTS

**PROJECT CONTACTS**  
 APPLICANT: WAVE CONCRETS, INC.  
 1790 AVENUE RD. SUITE D-110  
 LAWRENCEVILLE, GA 30043  
 CONTACT: WAVE BARBER  
 PHONE: (770) 872-1451  
 MOBILE: (404) 555-7446  
 EMAIL: ZBARBER@WAVECONCRETS.COM

**TOWER OWNER**  
 GEORGE POWER  
 241 RAIN WOOD BLVD  
 ATLANTA, GA 30388  
 CONTACT: ROY BARLEY  
 PHONE: (404) 568-3888  
 MOBILE: (404) 568-3888  
 EMAIL: N/A

**DRAWINGS BY**  
 AN SOLUTIONS  
 412 WILD BIRD WAY  
 LAKEMOOD, FL 32750  
 PHONE: (407) 280-0231  
 CONTACT: JOHN QUINN  
 EMAIL: JQUINN@ANSOLUTIONS.COM  
 PHONE: (407) 280-0231 EXT. 129

**APPLICABLE BUILDING CODES AND STANDARDS**

CONTRACTOR'S WORK SHALL COMPLY WITH ALL APPLICABLE NATIONAL, STATE, AND LOCAL CODES AS ADOPTED BY THE LOCAL JURISDICTION HAVING JURISDICTION (AAJ) FOR THE LOCATION, THE EDITION OF THE AAJ ADOPTED CODES AND STANDARDS IN EFFECT ON THE DATE OF CONTRACT AWARD SHALL GOVERN THE DESIGN.  
 CONTRACTOR'S WORK SHALL COMPLY WITH THE LATEST EDITION OF THE FOLLOWING STANDARDS:  
 AMERICAN CONCRETE INSTITUTE (ACI) 318, BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE  
 AMERICAN INSTITUTE OF STEEL CONSTRUCTION (AISC), MANUAL OF STEEL CONSTRUCTION, THIRTEENTH EDITION  
 TELECOMMUNICATIONS INDUSTRY ASSOCIATION (TIA) 222, WIRELESS TELECOMMUNICATIONS STANDARD SPECIFICATIONS FOR STEEL STRUCTURES AND RELATED SYSTEMS, PART 1, STRUCTURAL STEELWORK, FABRICATION, AND ERECTION  
 REQUIREMENTS FOR TELECOMMUNICATIONS  
 INSTITUTE FOR ELECTRICAL AND ELECTRONICS ENGINEERS (IEEE) 81, GUIDE FOR MEASURING EARTH RESISTIVITY, GROUND IMPEDANCE, AND EARTH SURFACE POTENTIALS OF A GROUND SYSTEM  
 IEEE 1100 (1989) RECOMMENDED PRACTICE FOR POWERING AND GROUNDING OF ELECTRIC EQUIPMENT  
 IEEE 62541, RECOMMENDED PRACTICES ON SURGE VOLTAGES IN LOW VOLTAGE AC POWER CIRCUITS FOR LOCATION CATEGORY "C" AND "HIGH SYSTEM EXPOSURE"  
 ANSI T1.311, 10 TELECOM - DC POWER SYSTEMS - TELECOM ENVIRONMENTAL PROTECTION  
 FOR ANY CONFLICTS BETWEEN SECTIONS OF LISTED CODES AND STANDARDS REGARDING MATERIAL, METHODS OF CONSTRUCTION, OR OTHER REQUIREMENTS, THE MOST RESTRICTIVE REQUIREMENTS SHALL GOVERN WHERE THERE IS CONFLICT BETWEEN A GENERAL REQUIREMENT AND A SPECIFIC REQUIREMENT, THE SPECIFIC REQUIREMENT SHALL GOVERN.

**GENERAL NOTES**

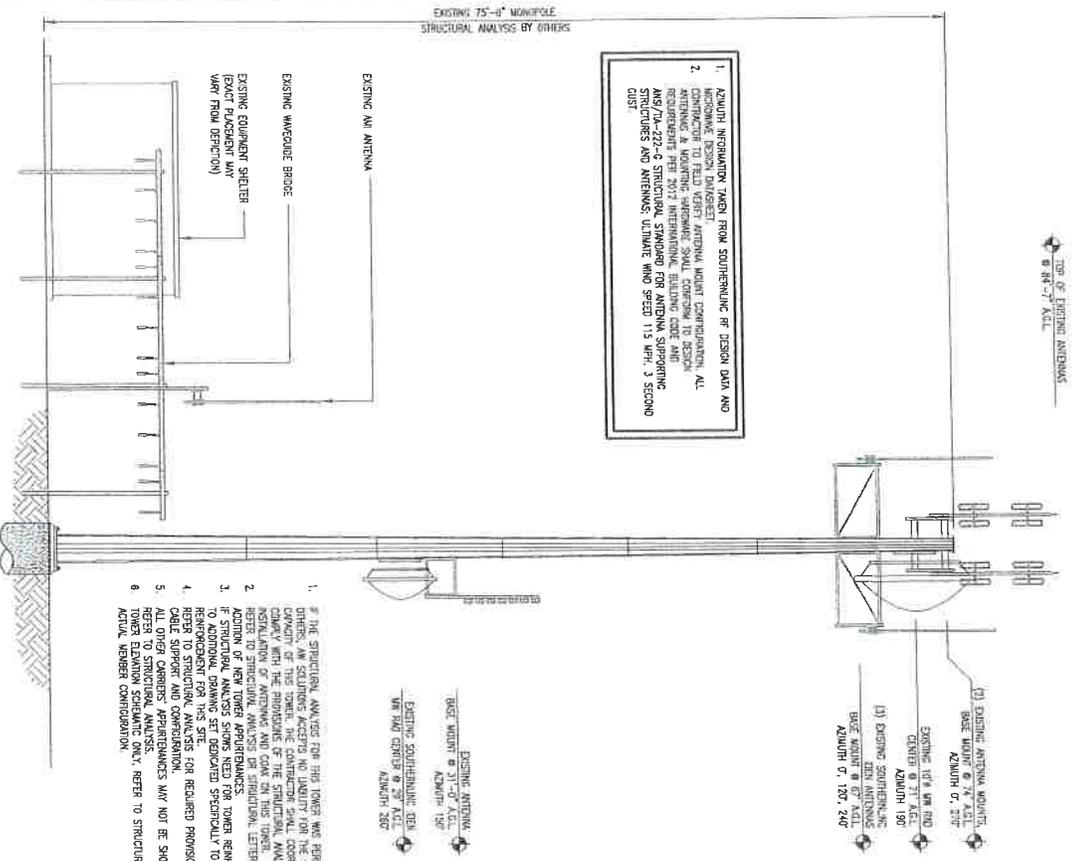
- ALL WORK PRESENTED ON THESE DRAWINGS MUST BE COMPLETED BY THE CONTRACTOR UNLESS NOTED OTHERWISE. THE CONTRACTOR MUST HAVE CONSIDERABLE EXPERIENCE IN PERFORMANCE OF WORK SIMILAR TO THAT DESCRIBED HEREIN. BY ACCEPTANCE OF THE ASSIGNMENT, THE CONTRACTOR IS ATTESTING THAT HE DOES HAVE SUFFICIENT EXPERIENCE & ABILITY THAT HE IS KNOWLEDGEABLE OF THE WORK TO BE PERFORMED AND THAT HE IS PROPERLY LICENSED AND PROPERLY REGISTERED TO DO THIS WORK IN THE STATE AND/OR COUNTY IN WHICH IT IS PERFORMED.
- ALL MATERIALS AND EQUIPMENT FURNISHED SHALL BE NEW AND OF GOOD QUALITY, FREE FROM DEFECTS AND DEFECTS AND IN COMPLIANCE WITH THE CONTRACT DOCUMENTS, ANY AND ALL SUBSTITUTIONS MUST BE PROPERLY APPROVED AND AUTHORIZED IN WRITING BY THE OWNER AND ENGINEER PRIOR TO INSTALLATION. THE CONTRACTOR SHALL FURNISH SUFFICIENT EVIDENCE AS TO THE KIND AND QUALITY OF THE MATERIALS AND EQUIPMENT BEING SUBSTITUTED.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING, MAINTAINING, AND SUPPLYING ALL SAFETY PRECAUTIONS AND PROGRAMS IN CONNECTION WITH THE WORK. THE CONTRACTOR IS RESPONSIBLE FOR INSURING THAT THE PROJECT AND RELATED WORK COMPLETES WITH ALL APPLICABLE LOCAL, STATE, AND FEDERAL, SAFETY CODES AND REGULATIONS GOVERNING THIS WORK.
- ALL DIMENSIONS SHALL BE REFERRED WITH THE PLANS (LATEST REVISION) PRIOR TO COMMENCING CONSTRUCTION. NOTIFY THE OWNER IMMEDIATELY IF DISCREPANCIES ARE DISCOVERED.
- ALL MATERIALS AND WORKMANSHIP SHALL BE WARRANTED FOR ONE (1) YEAR FROM DATE OF ACCEPTANCE.

**DESIGN REQUIREMENT NOTES**

- DESIGN REQUIREMENTS FOR ANTENNA SUPPORTING STRUCTURES, ANTENNAS, EQUIPMENT CABINETS, AND PFC CABINETS PER 2012 INTERNATIONAL BUILDING CODE 2011 NATIONAL ELECTRIC CODE, AND THE ANSI/TIA-222-G STRUCTURAL STANDARD FOR WINDLIFT SUPPORTING STRUCTURES AND ANTENNAS.

TOP OF EXISTING ANTENNAS  
@ 88'-3" A.S.L.

1. AVOID INFORMATION TAKEN FROM SOUthernLINK OR DESIGN DATA AND ARCHITECTURE DESIGN DIV/SET.
2. CONTRACTOR TO FIELD VERIFY ANTENNA MOUNT COMPARISON. ALL ANTENNAS TO BE MAINTAINED AT EXISTING ELEVATION. SEE PLAN AND ELEVATION FOR ANTENNA MOUNTING. SEE ELEVATION FOR ANTENNA SUPPORTING STRUCTURES AND ANTENNAS ULTIMATE WIND SPEED 115 MPH, 3 SECOND GUST.



EXISTING 75'-0" MONOPOLE  
STRUCTURAL ANALYSIS BY OTHERS

1 TOWER ELEVATION  
SCALE: NTS

1. IF THE STRUCTURAL ANALYSIS FOR THIS TOWER WAS PERFORMED BY OTHERS, AN ENGINEER ACCEPTS NO LIABILITY FOR THE STRUCTURAL ANALYSIS. THE ENGINEER HAS CONDUCTED VISUAL INSPECTIONS AND CHECKS WITH THE PROVISIONS OF THE STRUCTURAL ANALYSIS PRIOR TO THE INSTALLATION OF ANTENNAS AND GUY WIRE ON THIS TOWER.
2. REFER TO STRUCTURAL ANALYSIS OR STRUCTURAL LETTER FOR APPROVAL OF ACTION OF NEW TOWER APPURTEANCES.
3. TO ADDITIONAL DRAWING SET DEDICATED SPECIFICALLY TO TOWER REINFORCEMENT FOR THIS SITE.
4. REFER TO STRUCTURAL ANALYSIS FOR REQUIRED PROVISIONS FOR CABLE, CABLE SUPPORT AND CONNECTION.
5. ALL OTHER ANTENNAS AND APPURTEANCES MAY NOT BE SHOWN IN ELEVATION. REFER TO STRUCTURAL ANALYSIS.
6. REFER TO STRUCTURAL ANALYSIS.
7. REFER TO STRUCTURAL ANALYSIS FOR ACTUAL MEMBER CONSIDERATION.

EXISTING ANTENNA  
BASE MOUNT @ 31'-0" A.S.L.  
AZIMUTH 150°

EXISTING SOUTHERNLINK GUY  
WIRE RAY CENTER @ 29' A.S.L.  
AZIMUTH 280°

(2) EXISTING ANTENNA MOUNT,  
BASE MOUNT @ 7' A.S.L.  
AZIMUTH 0, 210°

EXISTING 1/4" DIA. WIRE ROP  
CENTER @ 21' A.S.L.  
AZIMUTH 190°

(3) EXISTING SOUTHERNLINK  
GUY WIRE @ 6' A.S.L.  
AZIMUTH 0, 120, 240°



in partnership with  
Microcloud systems' company  
300 DOWEN DR. GAITHERSBURG, MD 20878  
TEL: 410.286.0221

APPROVALS

CARRIER: AW

LANDLORD: \_\_\_\_\_

LEASING: \_\_\_\_\_

CONSTRUCTION: ELM

NO.	DATE	DESCRIPTION
0	02/11/16	ISSUED FOR CONSTRUCTION
1	11/17/15	ISSUED FOR REVIEW
2	02/21/15	ISSUED FOR REVIEW

EXHIBIT 101  
FEB 16 2016  
S. G. S. ENGINEERS, INC.  
10101 W. WOODBRIDGE BLVD., SUITE 100  
DUBLIN, CA 94568  
TEL: 925.835.1100  
WWW.SGS-ENGINEERS.COM

SHEET TITLE  
**TOWER ELEVATION**

SHEET NUMBER  
**C2**

SITE # C9105  
SITE NAME ALEX MOUNTAIN  
ADDRESS 412 WILD BIRD WAY  
SMY VALLEY, GA 30537  
SITE TYPE LT UPGRADE



**AW Solutions**  
an Intercloud Systems Company  
300 GROW ONE CENTRE DRIVE, LINDSEY, FL 32750  
TEL: (407) 260-0231

APPROVALS

CARRIER:	AW
LAND O/RD:	
LEASING:	
CONSTRUCTION:	ELM

ISSUE NO.	DATE	DESCRIPTION
0	07/16/16	ISSUED FOR CONSTRUCTION
1	11/19/15	ISSUED FOR REVIEW
2	03/21/15	ISSUED FOR REVIEW



EXAMINED: **POUL**  
DATE: **FEB 16 2016**  
CA. P.E. #020213

SITE #:  
**G9105**

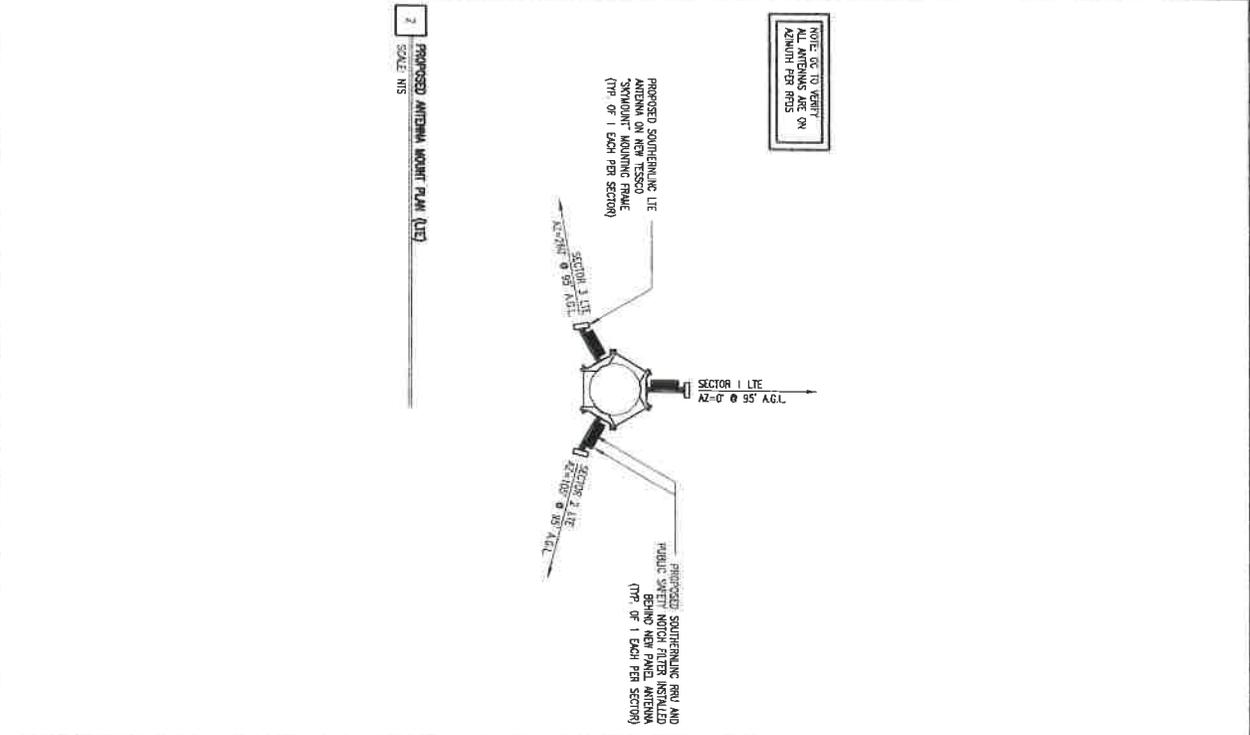
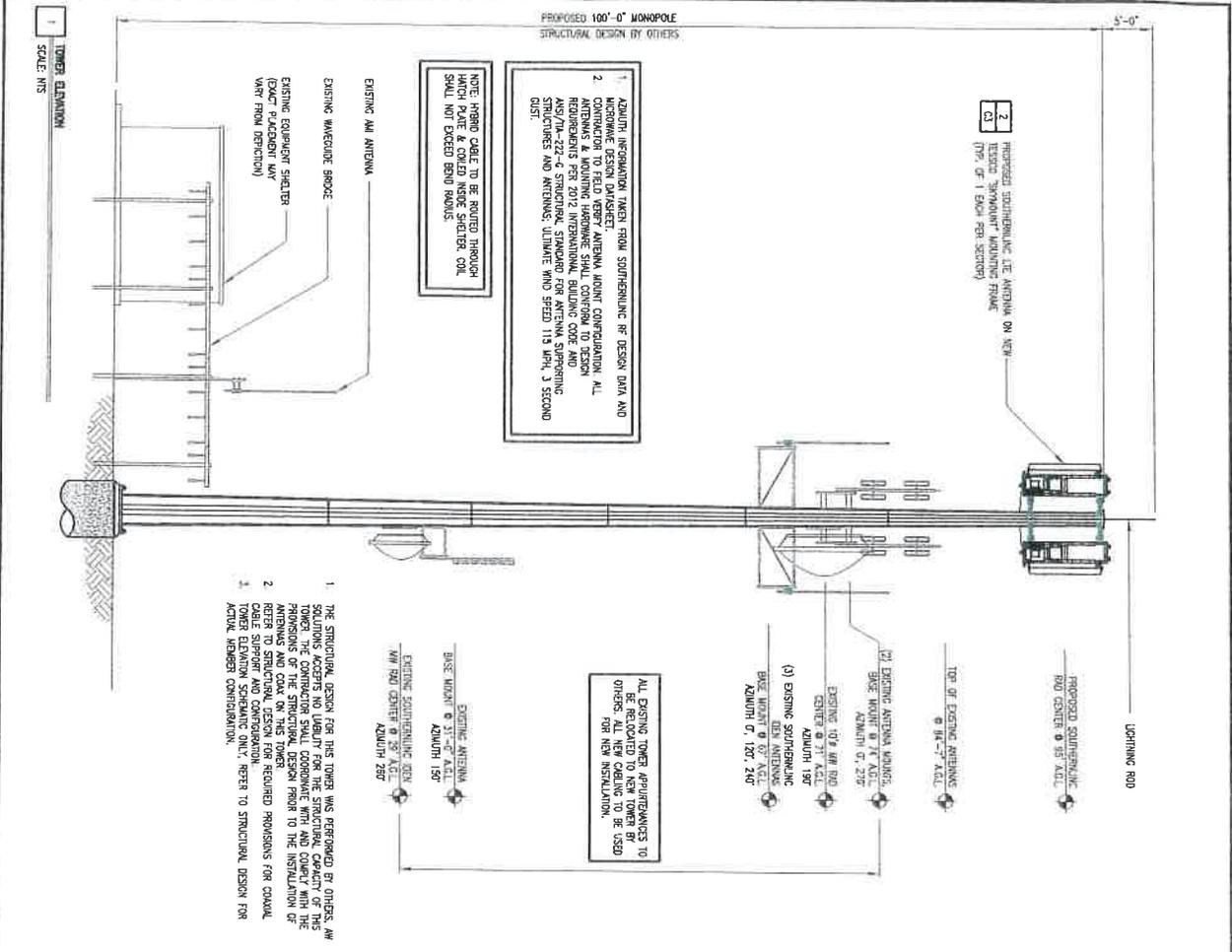
SITE NAME: **ALEX IOVANNI**

ADDRESS: **412 MID 980 HWY  
SPT WALEY, CA 90537**

SITE TYPE: **LT UPRACK**

SHEET TITLE:  
**PROPOSED TOWER  
ELEVATION &  
ANTENNA DETAILS**

SHEET NUMBER:  
**C2.1**





AW Solutions  
Advanced wireless systems' company  
300 BROWN OAK CENTER, BIRMINGHAM, AL 35203  
TEL: 404.265.6233

**APPROVALS**

CARRIER: AW  
LANDLORD: \_\_\_\_\_  
LEASING: \_\_\_\_\_  
CONSTRUCTION: AW

DESIGN BY:	JD	CHECKED BY:	JD
DATE:	02/15/16	ISSUED FOR CONSTRUCTION:	0
REV:	1	DATE:	11/16/13
REV:	2	DATE:	05/21/15
REV:	3	DATE:	02/20/16

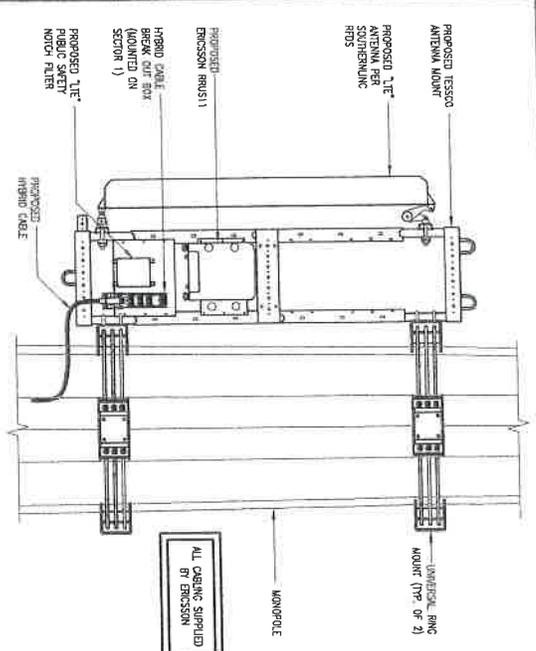
EMANUEL P. FOLLOU  
CA, P.E. #20213  
FEB 16 2016  
I, E. MANUEL P. FOLLOU, P.E., DO hereby certify that I am the duly Licensed Professional Engineer for the State of Alabama, and I am the author of the design shown on this drawing. I am not providing this design as a contractor or subcontractor, but as a professional engineer. My license number is 20213. I am not providing this design as a contractor or subcontractor, but as a professional engineer. My license number is 20213.

SITE #:  
SITE NAME:  
ADDRESS:  
SITE TYPE:

SHEET TITLE:  
SHEET NUMBER:  
**C3**

THESE DRAWINGS ARE PREPARED BASED ON INFO DATED 10/20/15. GENERAL CONTRACTOR TO VERIFY AND INCORPORATE MOST RECENT VERSION OF THE RFD'S WITH SOUTHERNLINK AND EMISSION PRIOR TO CONSTRUCTION. O.C. TO USE THE MOST CURRENT RFD'S.

<p><b>southernlink</b> <b>LTE RFD'S</b> Friday, October 20, 2015</p>	
SITE NAME:	ALBA INDUSTRIAL
SITE #:	3101
PROVIDER:	Cellular to go wireless data
MOBILE INDUSTRY CLASS:	11
OWNER:	OTD
STRUCTURE TYPE:	Steel Frame, Self Supporting (Monopole)
LATTICE:	PERISLACTV
LOADING:	AW
GROUND ELEV (ft.):	175
SITE TYPE:	175
RFP TITLE/COMMENTS:	SECTION 01 SECTION 02 SECTION 03
ANTENNA TYPE:	Vertical Helical
ANTENNA GTS:	1
MAXIMUM ELEVATION:	16
ADJUSTMENT (degrees):	0
Mechanical Comments (if any):	1
HYBRID CABLE TYPE:	Hybrid Cable with All Fibers
HYBRID CABLE SIZE (mm):	18
# OF HYBRID CABLE RUNS:	1
NUMBER OF ANTENNA UNIT (TYP):	1
MIN. SIZE (mm) (mm) (mm):	18 x 18 x 13
MIN. WINDSPEED (ft./min):	1
# OF RIBS:	1
FEEDER FEEDS TYPE:	Hybrid Cable Feeds
ENTER SIZE/HEAD (feet) (ft):	18 x 18 x 13
# OF FEEDS:	1
Comments:	1



2. LTE ANTENNA MOUNT DETAIL (TESCO-SMT MOUNT)  
SCALE: NTS



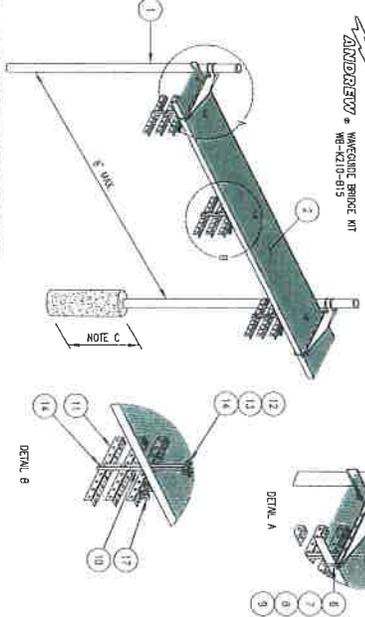
1. HYBRID COAX PUMP  
SCALE: NTS

1. HYBRID COAX PUMP  
SCALE: NTS





ITEM	DESCRIPTION	QTY	WEIGHT
1	WAVECLOUD BRACKET	1	15.00 LBS
2	WAVECLOUD SAFETY CHAINING KIT	1	1.00 LBS
3	WAVECLOUD WAVECLOUD BRACKET SUPPORT BRACKET	2	11.75 LBS
4	WAVECLOUD HARDWARE KIT ITEM # 5-18	1	1.00 LBS
5	1/2" X 3-5/8" X 6 GALV U-BOLT KIT	1	0.43 LBS
6	1/2" X 3-5/8" X 6 GALV U-BOLT KIT	1	0.43 LBS
7	1/2" GALV FLAT WASHER	4	0.07 LBS
8	1/2" GALV FLAT WASHER	4	0.07 LBS
9	1/2" GALV LOCK WASHER	4	0.07 LBS
10	1/2" GALV HEX NUT	4	0.04 LBS
11	WAVECLOUD VERTICAL BRACKET SECTION	2	2.55 LBS
12	WAVECLOUD HORIZONTAL BRACKET SECTION	2	2.55 LBS
13	1/2" X 1/2" X 1/2" GALV BOLT KIT	3	0.08 LBS
14	1/2" X 1/2" X 1/2" GALV BOLT KIT	3	0.07 LBS
15	1/2" X 1/2" X 1/2" GALV BOLT KIT	3	0.07 LBS
16	1/2" X 1/2" X 1/2" GALV BOLT KIT	3	0.07 LBS
17	1/2" X 1/2" X 1/2" GALV BOLT KIT	3	0.07 LBS
18	1/2" X 1/2" X 1/2" GALV BOLT KIT	3	0.07 LBS
19	1/2" X 1/2" X 1/2" GALV BOLT KIT	3	0.07 LBS
20	1/2" X 1/2" X 1/2" GALV BOLT KIT	3	0.07 LBS
21	1/2" X 1/2" X 1/2" GALV BOLT KIT	3	0.07 LBS
22	1/2" X 1/2" X 1/2" GALV BOLT KIT	3	0.07 LBS
23	1/2" X 1/2" X 1/2" GALV BOLT KIT	3	0.07 LBS
24	1/2" X 1/2" X 1/2" GALV BOLT KIT	3	0.07 LBS
25	1/2" X 1/2" X 1/2" GALV BOLT KIT	3	0.07 LBS
26	1/2" X 1/2" X 1/2" GALV BOLT KIT	3	0.07 LBS
27	1/2" X 1/2" X 1/2" GALV BOLT KIT	3	0.07 LBS
28	1/2" X 1/2" X 1/2" GALV BOLT KIT	3	0.07 LBS
29	1/2" X 1/2" X 1/2" GALV BOLT KIT	3	0.07 LBS
30	1/2" X 1/2" X 1/2" GALV BOLT KIT	3	0.07 LBS
31	1/2" X 1/2" X 1/2" GALV BOLT KIT	3	0.07 LBS
32	1/2" X 1/2" X 1/2" GALV BOLT KIT	3	0.07 LBS
33	1/2" X 1/2" X 1/2" GALV BOLT KIT	3	0.07 LBS
34	1/2" X 1/2" X 1/2" GALV BOLT KIT	3	0.07 LBS
35	1/2" X 1/2" X 1/2" GALV BOLT KIT	3	0.07 LBS
36	1/2" X 1/2" X 1/2" GALV BOLT KIT	3	0.07 LBS
37	1/2" X 1/2" X 1/2" GALV BOLT KIT	3	0.07 LBS
38	1/2" X 1/2" X 1/2" GALV BOLT KIT	3	0.07 LBS
39	1/2" X 1/2" X 1/2" GALV BOLT KIT	3	0.07 LBS
40	1/2" X 1/2" X 1/2" GALV BOLT KIT	3	0.07 LBS
41	1/2" X 1/2" X 1/2" GALV BOLT KIT	3	0.07 LBS
42	1/2" X 1/2" X 1/2" GALV BOLT KIT	3	0.07 LBS
43	1/2" X 1/2" X 1/2" GALV BOLT KIT	3	0.07 LBS
44	1/2" X 1/2" X 1/2" GALV BOLT KIT	3	0.07 LBS
45	1/2" X 1/2" X 1/2" GALV BOLT KIT	3	0.07 LBS
46	1/2" X 1/2" X 1/2" GALV BOLT KIT	3	0.07 LBS
47	1/2" X 1/2" X 1/2" GALV BOLT KIT	3	0.07 LBS
48	1/2" X 1/2" X 1/2" GALV BOLT KIT	3	0.07 LBS
49	1/2" X 1/2" X 1/2" GALV BOLT KIT	3	0.07 LBS
50	1/2" X 1/2" X 1/2" GALV BOLT KIT	3	0.07 LBS
51	1/2" X 1/2" X 1/2" GALV BOLT KIT	3	0.07 LBS
52	1/2" X 1/2" X 1/2" GALV BOLT KIT	3	0.07 LBS
53	1/2" X 1/2" X 1/2" GALV BOLT KIT	3	0.07 LBS
54	1/2" X 1/2" X 1/2" GALV BOLT KIT	3	0.07 LBS
55	1/2" X 1/2" X 1/2" GALV BOLT KIT	3	0.07 LBS
56	1/2" X 1/2" X 1/2" GALV BOLT KIT	3	0.07 LBS
57	1/2" X 1/2" X 1/2" GALV BOLT KIT	3	0.07 LBS
58	1/2" X 1/2" X 1/2" GALV BOLT KIT	3	0.07 LBS
59	1/2" X 1/2" X 1/2" GALV BOLT KIT	3	0.07 LBS
60	1/2" X 1/2" X 1/2" GALV BOLT KIT	3	0.07 LBS
61	1/2" X 1/2" X 1/2" GALV BOLT KIT	3	0.07 LBS
62	1/2" X 1/2" X 1/2" GALV BOLT KIT	3	0.07 LBS
63	1/2" X 1/2" X 1/2" GALV BOLT KIT	3	0.07 LBS
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65	1/2" X 1/2" X 1/2" GALV BOLT KIT	3	0.07 LBS
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99	1/2" X 1/2" X 1/2" GALV BOLT KIT	3	0.07 LBS
100	1/2" X 1/2" X 1/2" GALV BOLT KIT	3	0.07 LBS



**1** OVAL CHISEL WAVECLOUD BRACKET DETAIL

SCALE: NTS

A. INSTALL ANCHOR WAVECLOUD BRACKET ASSEMBLY CHALOC AWB-K210-015 OR EQUIVALENT.  
 B. CONK SHALL BE SLOPED 1/8" TO THE FOOT AWAY FROM SHEETOR ON OUTDOOR EQUIPMENT.  
 C. FOR 50M, USE 1" DIA. 6'-0" DEEP PERM FILLER WITH 3000 PSI CONCRETE. INSTALL TOP OF PERM FILLER WITH PROPOSED GRADE AND PROVIDE CROWN FOR DRAINAGE.

Blank area for notes or specifications.

**SouthernLINK**  
 A Southern Company  
 WYNNIK



**AW Solutions**  
 an intercloud systems company  
 300 CROWN OAK CENTRE DR., LENOX, MA 01948  
 TEL: 413-526-1231

CARRIER: AW

LAND/OFF: \_\_\_\_\_

LEASING: \_\_\_\_\_

CONSTRUCTION: ELM

DATE	DESCRIPTION
02/16/16	ISSUED FOR CONSTRUCTION
11/16/15	ISSUED FOR REVIEW
02/27/15	ISSUED FOR REVIEW

**SEAL**  
 FEB 16 2016  
 EMANUEL BROWN  
 CIVIL ENGINEER  
 412 WILD BIRD WAY  
 SPOY WALKER, VA 22057

SITE # G9105

SITE NAME ALX MOUNTAIN

ADDRESS 412 WILD BIRD WAY  
SPOY WALKER, VA 22057

SITE TYPE LE UPGRADE

SHEET NUMBER: **C6**

SHEET TITLE: **DETAILS**







# BUILDING PERMIT APPLICATION

PERMIT APPLICATIONS, PLANS AND/OR SUPPORTING DOCUMENTATION THAT ARE INCOMPLETE OR ILLEGIBLE WILL NOT BE ACCEPTED.

### Project Information:

### Labor & Material Valuation: \$

Project Name: Southern Linc / Georgia Power Communications Tower

Project Description: New 100' Monopole Communications Tower

Street Address: 412 Wild Bird Lane, Sky Valley Suite #: \_\_\_\_\_

### Applicant Information:

Company Name: Southern Linc

Contact Name: Wayne Rayburn

Address: 1790 Atkinson Road, Suite D-100, Lawrenceville, GA 30045

Phone: 404-535-7646 Fax: 770-995-2716 Email: x2raybur@southernco.com

### Owner Information: Check here if same as Applicant Check here if to certify owner permission

Owner's Name: Georgia Power

Owner's Address: 241 Ralph McGill Blvd, Atlanta, GA 30308

Phone: 404-506-3808 Fax: \_\_\_\_\_ Email: rmburley@southernco.com

### Contractor Information: Check here if same as Applicant

Company Name: TBD- Contractor will pick up permit, provide license information and pay fees

Contact Name: \_\_\_\_\_

Address: \_\_\_\_\_

Phone: \_\_\_\_\_ Fax: \_\_\_\_\_ Email: \_\_\_\_\_

### Contractor License Information:

State Trade License Number(s): \_\_\_\_\_ Expiration: \_\_\_\_\_

Local Business License # \_\_\_\_\_ County/City: \_\_\_\_\_ Expiration: \_\_\_\_\_

### Construction Details: New Addition Remodel Repair Other

Exterior  Interior Description of Construction New 100' monopole telecommunications tower

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

### Terms & Conditions

I certify that I have read the procedures for permits and inspections (or declined the opportunity to do so) and state that the information provided is correct. I agree to comply with all city ordinances and state laws relating to building construction and hereby authorize representatives of the City to enter the above-mentioned property for inspection purposes. I certify that I have a legal right to apply for this building permit and to authorize entry. I have received (or declined receipt of) a copy of these requirements.

Applicant's Name: Wayne Rayburn Agent for Southern Linc

Applicant's Signature: Wayne Rayburn Date: 9/13/2016

September 13, 2016

City of Sky Valley  
3444 Highway 246  
Dillard, GA 30537

To Whom It May Concern:

SouthernLINC Wireless and Georgia Power Company are submitting a Telecommunications Permit Application for the purpose of constructing a new 100' tall monopole at its existing communications site on Wild Bird Lane in Sky Valley. The proposed new monopole will be located approximately 15' from the existing monopole and within the same leased parcel.

SouthernLINC Wireless, a federally licensed wireless service provider, will continue to use the proposed new monopole for its upgraded communications network.

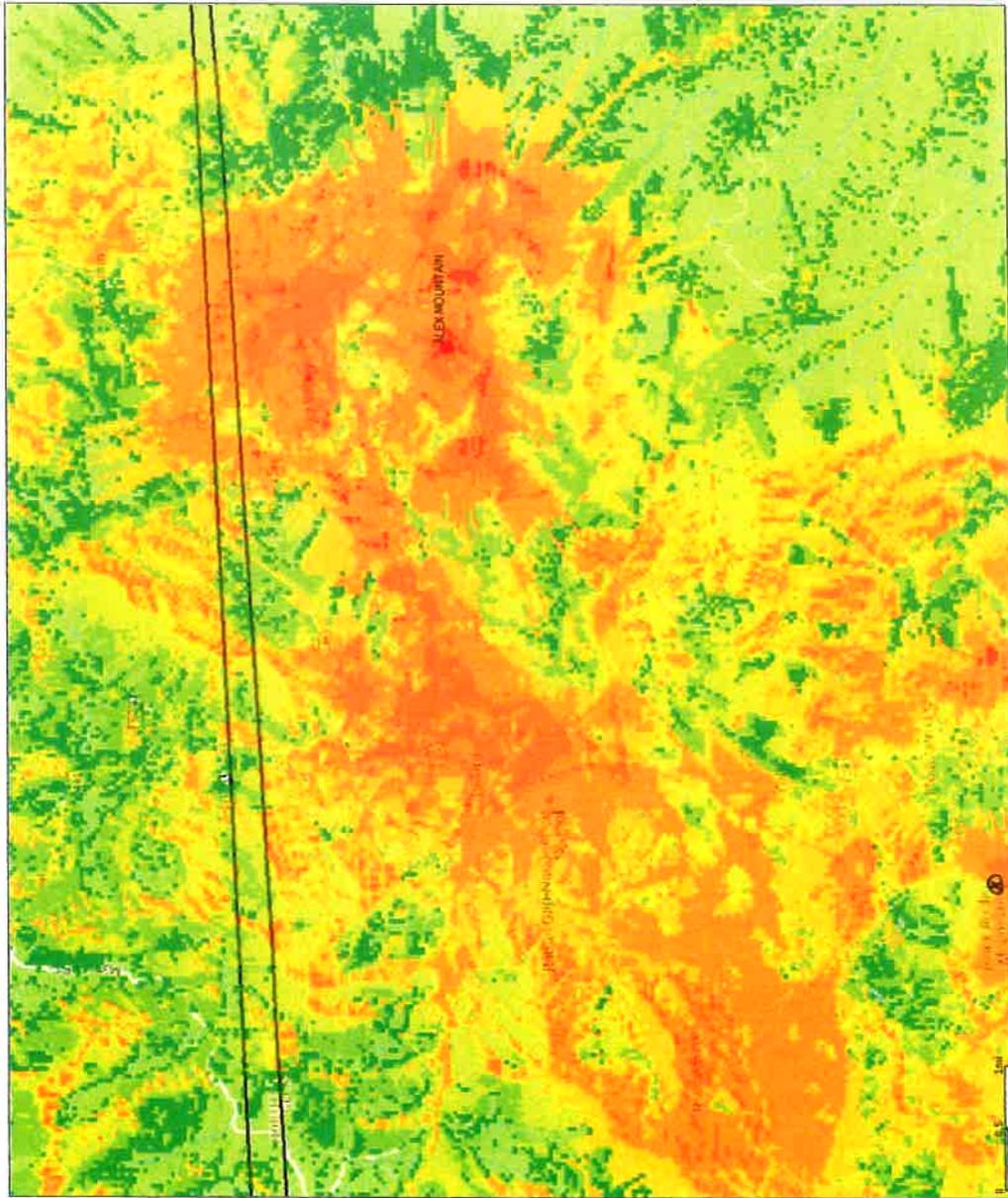
Kind Regards:



Clayton H. (Clay) Brogdon, PE  
Manager of Engineering and Construction  
SouthernLINC Wireless

# Signal Propagation Plot

LTE coverage with the proposed Alex Mt site



# LOCATION MAP



 <p><b>SOUTHERN COMPANY</b></p>	<p>SITE NAME: ALEX MOUNTAIN SITE ADDRESS: 412 WILD BIRD WAY, SKY VALLEY GA 30537</p>
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PHOTO RENDERING PROVIDED BY TOWER ENGINEERING PROFESSIONALS, INC.



# PHOTO LOCATION 1

CURRENT VIEW

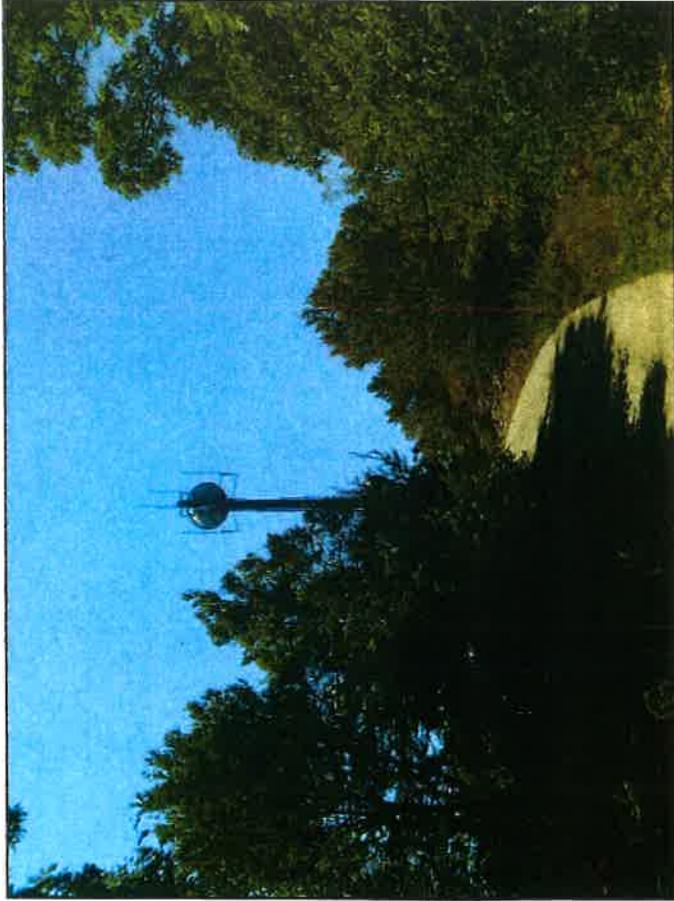


PHOTO RENDERING



 <p><b>SOUTHERN COMPANY</b></p>	<p>SITE NAME: ALEX MOUNTAIN SITE ADDRESS: 412 WILD BIRD WAY, SKY VALLEY GA 30537 VIEW FROM: LOCATION 1</p>
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PHOTO RENDERING PROVIDED BY TOWER ENGINEERING PROFESSIONALS, INC.



**PHOTO LOCATION 2**

**CURRENT VIEW**



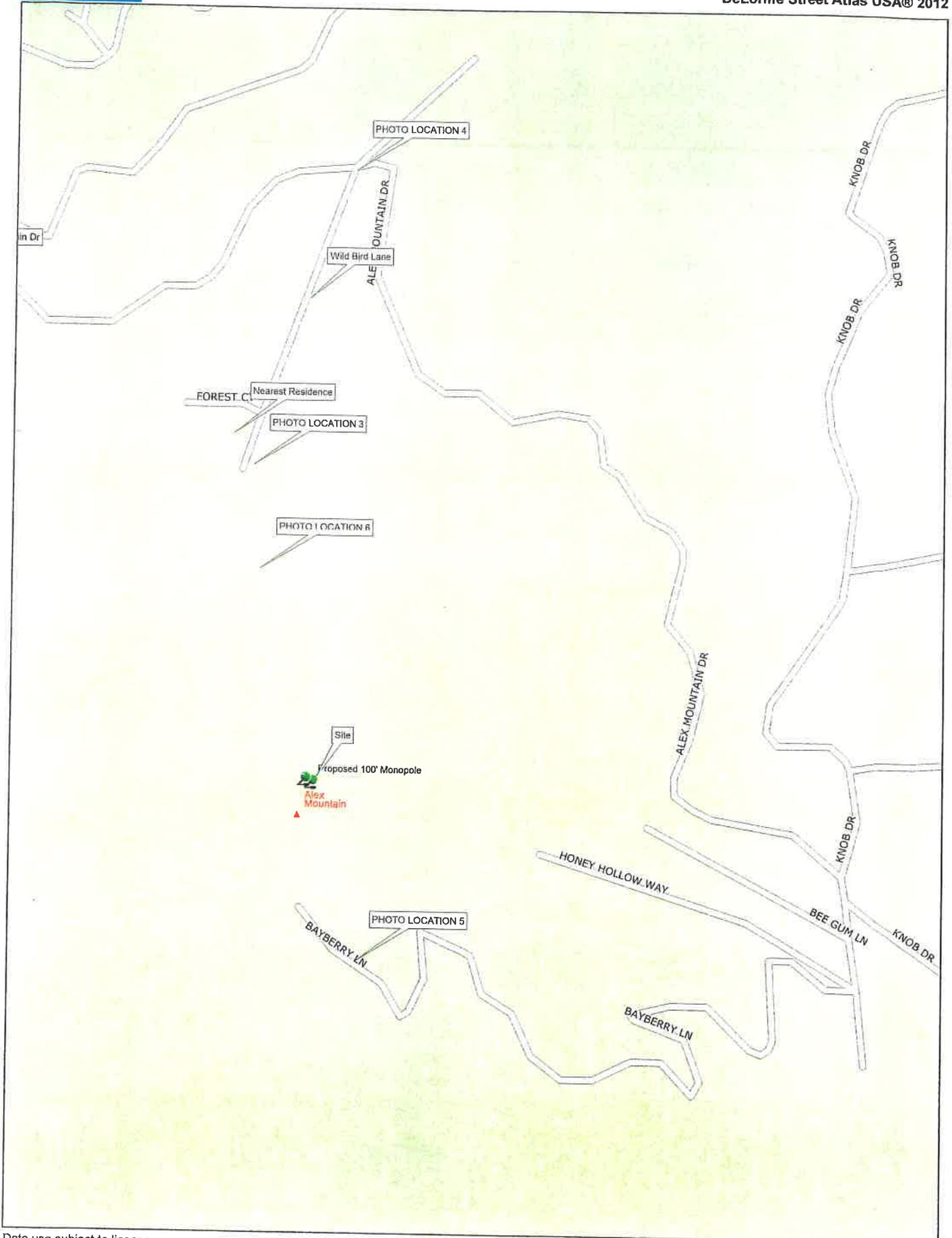
 <p><b>SOUTHERN COMPANY</b></p>	<p>SITE NAME: ALEX MOUNTAIN SITE ADDRESS: 412 WILD BIRD WAY, SKY VALLEY GA 30537 VIEW FROM: LOCATION 2</p>
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**PHOTO RENDERING**



PHOTO RENDERING PROVIDED BY TOWER ENGINEERING PROFESSIONALS, INC.





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www.delorme.com

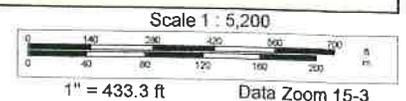
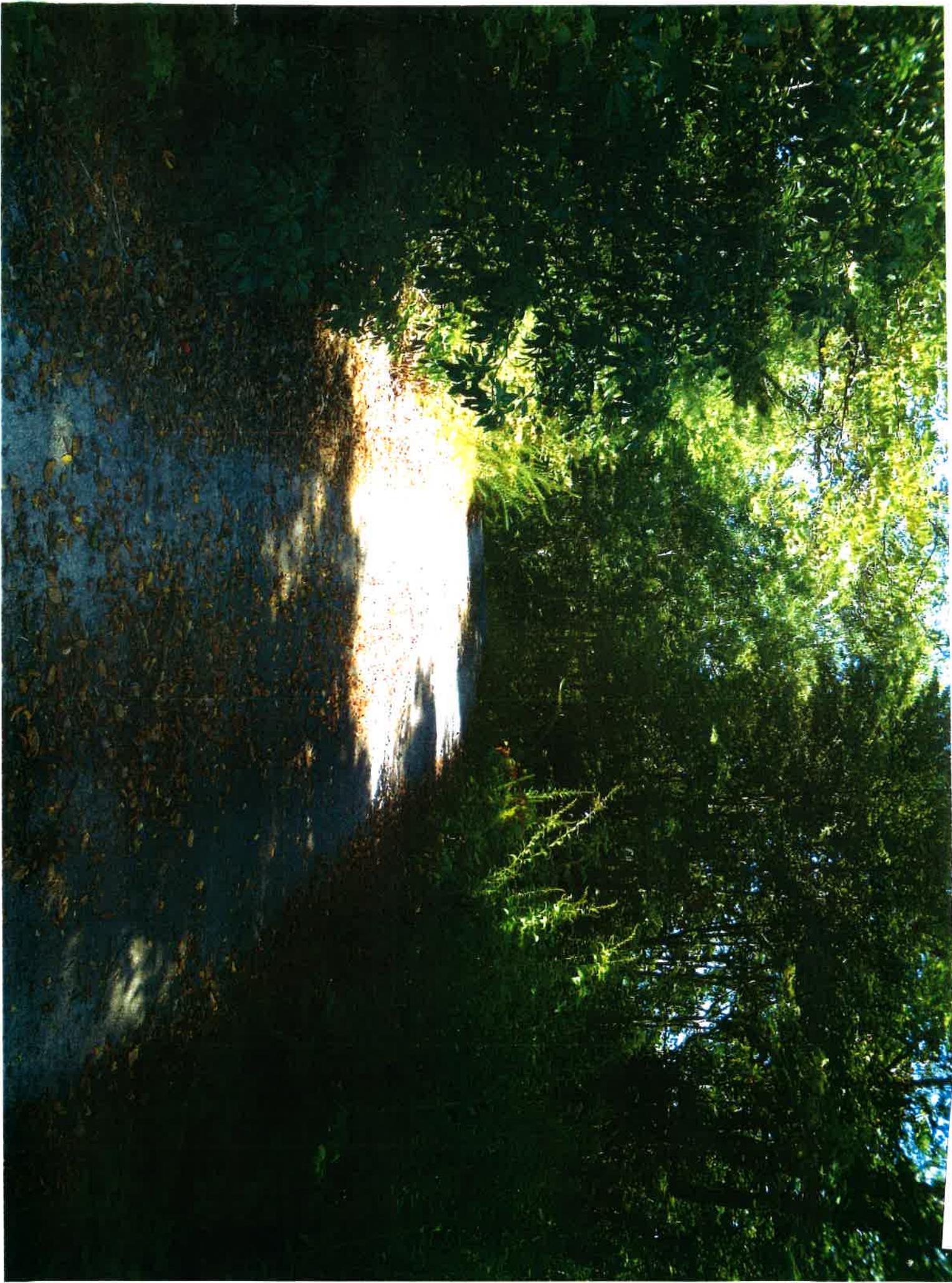


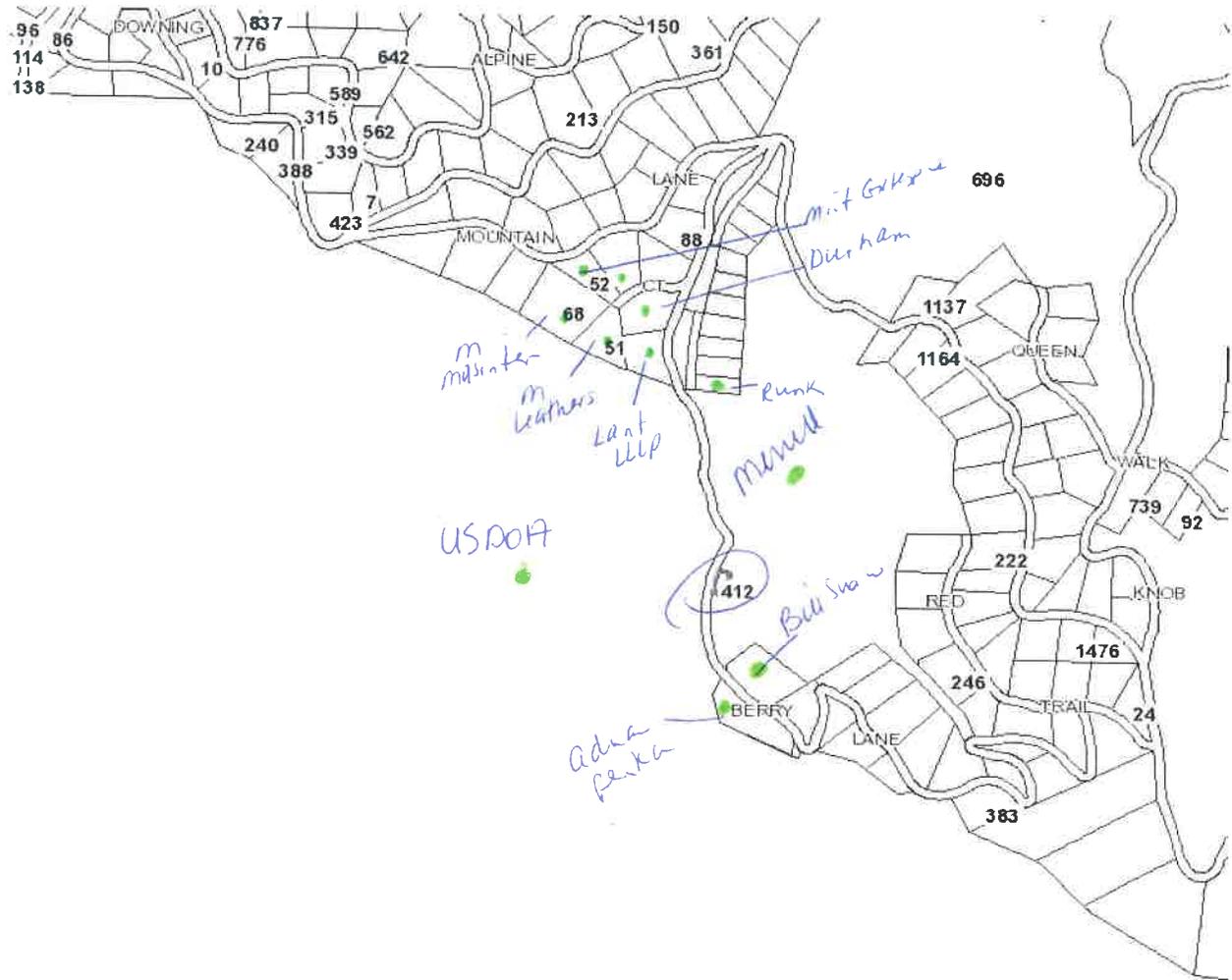


PHOTO LOCATION 3







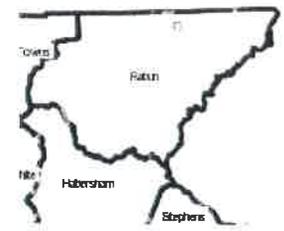


2016+ Parcel Sales  
 2015 Parcel Sales  
 2014 Parcel Sales



Rabun County Assessor

Parcel: 058C 210 Acres: 0.1			
Name:	CANTRELL CLAUDIA K	Land Value	\$10,000.00
Site:	412 WILD BIRD 0	Building Value	\$0.00
Sale:	\$0 on 07-2015 Reason=XV Qual=U	Misc Value	\$0.00
	1513 PRESTON R.)	Total Value:	\$10,000.00
Mail:	CATAULA, GA 31804		



The Rabun County Assessor's Office makes every effort to produce the most accurate information possible. No warranties, expressed or implied, are provided for the data herein, its use or interpretation. The assessment information is from the last certified taxroll. All data is subject to change before the next certified taxroll. PLEASE NOTE THAT THE PROPERTY APPRAISER MAPS ARE FOR ASSESSMENT PURPOSES ONLY NEITHER RABUN COUNTY NOR ITS EMPLOYEES ASSUME RESPONSIBILITY FOR ERRORS OR OMISSIONS ---THIS IS NOT A SURVEY---

Date printed: 09/30/16 : 10:37:23