



## AT&T Project Narrative

### Proposed Wireless Facility

#### Highway 80 about Two (2) miles North of Skeleton Canyon Road

AT&T is filing an application with Cochise County for approval of a wireless communication facility which will be located on private property near Highway 80 about 2 miles north of Apache School (or about ¼ mile south of the pecan farm). The proposed AT&T facility will be a new 199-foot tall self-support tower situated approximately 230 feet east of Highway 80. AT&T will install an equipment shelter and a backup generator at the site. The site will fill a significant gap in AT&T wireless coverage along Highway 80 as depicted in the coverage maps included with the application submittal.

The new tower will be designed to accommodate additional wireless carriers and government agencies. It will work in conjunction with another AT&T facility proposed on Bernadino Peak to the south to provide wireless coverage along Highway 80 from the City of Douglas northeast toward Rodeo.

In addition to providing AT&T wireless services to the general public, the facility will include service for the FirstNet project, which is a contract awarded to AT&T by the federal government. In 2012, Congress created the FirstNet Authority (<https://firstnet.gov/>) which is responsible for building a nationwide public safety broadband wireless network for first responders. The FirstNet Authority awarded a competitive contract to AT&T to build that network for public safety (<https://www.firstnet.com/>).

If you have questions or comments about the proposed AT&T facility, please contact Steve Olson / [stolson@bechtel.com](mailto:stolson@bechtel.com) / 520-743-6087.

Bechtel Infrastructure and Power Corporation  
2601 S. 37<sup>th</sup> Street, Suite 200  
Phoenix, AZ 85034  
P | 520-743-6087  
F | 623-282-3150



**Cochise County**  
**Community Development**  
**Planning, Zoning and Building Safety Division**

*Public Programs...Personal Service*  
[www.cochise.az.gov](http://www.cochise.az.gov)

## Special Use Project Application

### Applicant's Certification & Acknowledgement

By signing below, I certify that:

1. I am the Owner or authorized Agent of the Owner of the property being developed.
2. I am applying for the meetings/ review(s) indicated below.
3. I have read and understand the information provided in this Application Guide.
4. This application is complete and accurate to the best of my knowledge. Submission of false information may constitute fraud, and may be punishable by fine, imprisonment, or both pursuant to A.R.S. §13-2310.
5. I hereby request all inspections necessary to process this application, and if the permit is issued I request all inspections necessary to monitor progress, and document completion, at all stages of the work related to this permit.

By signing below, I acknowledge that:

6. Incomplete or inaccurate submittals by the Owner, Applicant or any other representative may result in delays, return of submittals, or denial of this application.
7. The submittal is subject to an administrative review of 10-business days (5-business days initial review, 5-business days resubmittal review) at which time I will receive written or electronic notice if the application is complete or, in the case of an incomplete application, a list of deficiencies that need to be corrected. An application will not pass the review for administrative completeness until all deficiencies have been corrected.
8. If the County does not issue a written or electronic notice of administrative completeness within the 10-business days, the application will be deemed administratively complete and the substantive review process begins.
9. The overall review time is 130-business days.
10. The substantive review process is 120-business days.

**Planning, Zoning and Building Safety**  
 1415 Melody Lane, Building E  
 Bisbee, Arizona 85603  
 520-432-9300  
 520-432-9278 fax  
 1-877-777-7958  
[planningandzoning@cochise.az.gov](mailto:planningandzoning@cochise.az.gov)

**Highway and Floodplain**  
 1415 Melody Lane, Building F  
 Bisbee, Arizona 85603  
 520-432-9300  
 520-432-9337 fax  
 1-800-752-3745  
[highway@cochise.az.gov](mailto:highway@cochise.az.gov)  
[floodplain@cochise.az.gov](mailto:floodplain@cochise.az.gov)

By signing below, I acknowledge that:

11. A complete response to any correspondence will be submitted to Cochise County for any subsequent reviews.
12. The Applicant or Agent will be sent written or electronic notice of a license approval or denial within the substantive review period.
13. All required permits must be obtained prior to any construction and that failure to obtain permits may result in fines or other penalties.
14. The Applicant or Agent is responsible for all changes and additional time required to correct plans and/or development as a result of differences between the proposed use and what is permitted in the zoning district in which the property lies.
15. The project review process and timeframe is suspended when a project triggers the requirement for an application for approval by an Outside Agency, the Planning and Zoning Commission, and/or the Board of Supervisors. If either the Planning and Zoning Commission or the Board of Supervisors approves the request contained in the application, then Community Development Department will resume the project review process. If the Board of Supervisors denies the request, then the Community Development Department will consider the project to be denied.

By signing below, I acknowledge that:

16. An appeal protesting any denial of an application may be made to Cochise County Community Development Department, Planning Division Deputy Director, Beverly Wilson, 1415 Melody Lane, Bldg. E. Bisbee, Arizona 85603. The appeal shall set forth all relevant facts pertaining to the denial, and must be in writing. It must be filed within ten-days from the date of the denial letter.
17. If the County does not issue to the Applicant the written or electronic notice granting or denying a license within the **overall** time frame or within the mutually agreed upon time frame extension, the county SHALL refund the Applicant all fees charged for reviewing the applications and SHALL excuse any fees not yet paid. The refund SHALL be made within 30-working days after the expiration of the agreed upon time frame pursuant A.R.S. § 11-1605(J).

**Olson, Steven**

Digitally signed by: Olson, Steven  
DN: CN = Olson, Steven OU =  
01\_Users, AMERS, PHX  
Date: 2019.09.25 13:23:54 -07'00'

9/25/19

Signature

Date

Steve Olson / AT&T Mobility / Bechtel

Print Name/Firm

Owner

Agent

**COMMERCIAL USE/BUILDING PERMIT/SPECIAL USE PERMIT QUESTIONNAIRE  
(TO BE PRINTED IN INK OR TYPED)**

TAX PARCEL NUMBER 412-09-003

APPLICANT AT&T Mobility / Steve Olson

ADDRESS 2601 S. 37th Street, Suite 200, Phoenix, AZ 85034

CONTACT TELEPHONE NUMBER 520-743-6087

EMAIL ADDRESS: stolson@bechtel.com

PROPERTY OWNER (IF OTHER THAN APPLICANT) CTI Inc.

ADDRESS 11105 N. Casa Grande Hwy  
Rillito, AZ 85654

DATE SUBMITTED \_\_\_\_\_

Special Use Permit Public Hearing Fee (if applicable)	\$ _____
Building/Use Permit Fee	\$ _____
<b>Total paid</b>	<b>\$ _____</b>

**PART ONE - REQUIRED SUBMITTALS**

1. Cochise County Joint Application (attached).
2. Questionnaire with all questions completely answered (attached).
3. A minimum of (6) copies of a site plan drawn to scale and completed with all the information requested on the attached Sample Site Plan and list of Non-residential Site Plan Requirements. **(Please note that nine (9) copies will be required for projects occurring inside the Uniform Building Code enforcement area. In addition, if the site plan is larger than 11 by 17 inches, please provide one reduced copy.)**
4. Proof of ownership/agent. If the applicant is not the property owner, provide a notarized letter from the property owner stating authorization of the Commercial Building/Use/Special Use Application.
5. Proof of Valid Commercial Contractor's License. (Note: any building used by the public and/or employees must be built by a Commercial Contractor licensed in the State of Arizona.)
6. Hazardous or Polluting Materials Questionnaire, if applicable.

**OTHER ATTACHMENTS THAT MAY BE REQUIRED DEPENDING ON THE SCOPE OF THE PROJECT**

1. Construction Plans (possibly stamped by a licensed Engineer or Architect)
2. Off-site Improvement Plans
3. Soils Engineering Report
4. Landscape Plan
5. Hydrology/Hydraulic Report

6. Traffic Impact Analysis (TIA): **Where existing demonstrable traffic problems have already been identified such as high number of accidents, substandard road design or surface, or the road is near or over capacity, the applicant may be required to submit additional information on a TIA.**
7. Material Safety Data Sheets
8. Extremely Hazardous Materials Tier Two Reports
9. Detailed Inventory of Hazardous or Polluting Materials along with a Contingency Plan for spills or releases

The Commercial Permit Coordinator/Planner will advise you as soon as possible if and when any of the above attachments are required.

## **PART TWO - QUESTIONNAIRE**

In the following sections, thoroughly describe the proposed use that you are requesting. **Attach separate pages if the lines provided are not adequate for your response.** Answer each question as completely as possible to avoid confusion once the permit is issued.

### **SECTION A - General Description (Use separate sheets as needed)**

1. What is the existing use of the property?

Vacant land

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- What is the proposed use or improvement?

Install a new wireless communication facility

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2. Describe all activities that will occur as part of the proposed use. In your estimation, what impacts do you think these activities will have on neighboring properties?

The facility is unmanned. There are no day-to-day activities that will take place at the site.

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3. Describe all intermediate and final products/services that will be produced/offered/sold.

N/A

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4. What materials will be used to construct the building(s)? (Note, if an existing building(s), please list the construction type(s), i.e., factory built building, wood, block, metal)

N/A

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5. Will the project be constructed/completed within one year or phased? One Year Yes  
 Phased \_\_\_ if phased, describe the phases and depict on the site plan.
- 
- 

6. Provide the following information (when applicable):

A. Days and hours of operation: Days: 7 Hours (from 12:00 AM to 11:59 PM)

B. Number of employees: Initially: 0 Future: 0  
Number per shift Seasonal changes \_\_\_\_\_

C. Total average daily traffic generated:

(1) How many vehicles will be entering and leaving the site.  
None  
\_\_\_\_\_

(2) Total trucks (e.g., by type, number of wheels, or weight)  
N/A  
\_\_\_\_\_

(3) Estimate which direction(s) and on which road(s) the traffic will travel from the site?  
N/A  
\_\_\_\_\_

(4) If more than one direction, estimate the percentage that travel in each direction  
N/A  
\_\_\_\_\_

(5) At what time of day, day of week and season (if applicable) is traffic the heavies  
N/A  
\_\_\_\_\_

Circle whether you will be on public water system or private well. If private well, show the location on the site plan.  
**Estimated total gallons of water used: per day** N/A **per year** N/A

Will you use a septic system? Yes \_\_\_\_\_ No  If yes, is the septic tank system existing?

Yes \_\_\_\_\_ No  Show the septic tank, leach field and 100% expansion area on the site plan.

G. Does your parcel have permanent legal access\*? Yes \_\_\_\_\_ No  if no, what steps are you taking to obtain such access?  
\_\_\_\_\_  
\_\_\_\_\_

\*Section 1807.02A of the Cochise County Zoning Regulations stipulates that no building permit for a non-residential use shall be issued unless a site has permanent and direct access to a publicly maintained street or street where a private maintenance agreement is in place. Said access shall be not less than twenty (20) feet wide throughout its entire length and shall adjoin the site for a minimum distance of twenty (20) feet. If access is from a private road or easement provide documentation of your right to use this road or easement and a private maintenance agreement.

H. For Special Uses only - provide deed restrictions that apply to this parcel if any.

Attached \_\_\_\_\_ NA

8. Identify how the following services will be provided:

Service	Utility Company/Service Provider	Provisions to be made
Water		
Sewer/Septic	N/A	
Electricity	COLOMBUS ELECTRIC CO-OP	
Natural Gas	N/A	
Telephone	VALLEY TELEPHONE COMPANY	
Fire Protection		

**SECTION B - Outdoors Activities/Off-site Impacts**

1. Describe any activities that will occur outdoors.

N/A

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2. Will outdoor storage of equipment, materials or products be needed? Yes  No  if yes, show the location on the site plan. Describe any measures to be taken to screen this storage from neighboring properties. Equipment will be concealed inside an equipment shelter.

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Will any noise be produced that can be heard on neighboring properties? Yes  No  if yes; describe the level and duration of this noise. What measures are you proposing to prevent this noise from being heard on neighboring properties?

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3. Will any vibrations be produced that can be felt on neighboring properties? Yes  No  if yes; describe the level and duration of vibrations. What measures will be taken to prevent vibrations from impacting neighboring properties?

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4. Will odors be created? Yes  No  If yes, what measures will be taken to prevent these odors from escaping onto neighboring properties?

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5. Will any activities attract pests, such as flies? Yes  No  If yes, what measures will be taken to prevent a nuisance on neighboring properties?

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6. Will outdoor lighting be used? Yes \_\_\_\_\_ No  If yes, show the location(s) on the site plan. Indicate how neighboring properties and roadways will be shielded from light spillover. Please provide manufacturer's specifications.

7. Do signs presently exist on the property? Yes \_\_\_\_\_ No  If yes, please indicate type (wall, freestanding, etc.) and square footage for each sign and show location on the site plan.

A. \_\_\_\_\_ B. \_\_\_\_\_ C. \_\_\_\_\_ D. \_\_\_\_\_

8. Will any new signs be erected on site? Yes \_\_\_\_\_ No  If yes, show the location(s) on the site plan. Also, draw a sketch of the sign to scale, show the copy that will go on the sign and **FILL OUT A SIGN PERMIT APPLICATION** (attached).

9. Show on-site drainage flow on the site plan. Will drainage patterns on site be changed?

Yes \_\_\_\_\_ No

If yes, will storm water be directed into the public right-of-way? Yes \_\_\_\_\_ No \_\_\_\_\_

Will washes be improved with culverts, bank protection, crossings or other means?

Yes \_\_\_\_\_ No

If yes to any of these questions, describe and/or show on the site plan.

10. What surface will be used for driveways, parking and loading areas? (i.e., none, crushed aggregate, chipseal, asphalt, other)

Crushed aggregate  
\_\_\_\_\_

11. Show dimensions of parking and loading areas, width of driveway and exact location of these areas on the site plan. (See site plan requirements checklist.)

12. Will you be performing any off-site construction (e.g., access aprons, driveways, and culverts)?  
Yes \_\_\_\_\_ No  If yes, show details on the site plan. **Note: The County may require off-site improvements reasonably related to the impacts of the use such as road or drainage improvements.**

### **SECTION C - Water Conservation and Land Clearing**

1. If the developed portion of the site is one acre or larger, specific measures to conserve water on-site must be addressed. Specifically, design features that will be incorporated into the development to reduce water use, provide for detention and conserve and enhance natural recharge areas must be described. The Planning Department has prepared a *Water Wise Development Guide* to assist applicants. This guide is available upon request. If the site one acre or larger, what specific water conservation measures are proposed? Describe here or show on the site plan submitted with this application.

N/A  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

2. How many acres will be cleared? <0.5  
If more than one acre is to be cleared describe the proposed dust and erosion control measures to be used

(Show on site plan if appropriate.) \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**SECTION D - Hazardous or Polluting Materials**

Some businesses involve materials that can contaminate the soil, air, water, waste disposal system or environment in general. Precautions must be taken to protect the environment when such products are distributed to or from the site, stored, manufactured, processed, disposed of, or released as raw materials, products, wastes, emissions, or discharges (When sold or incorporated in a product these materials are required to have Material Safety Data Sheets (MSDS) supplied by the manufacturer.) Examples of such products include but are not limited to paint, solvents, chemicals and chemical wastes, oil, pesticides, herbicides, fertilizers, radioactive materials, biological wastes etc.

Does the proposed use have any activities involving such materials?

Yes \_\_\_ No X If yes, complete the attached *Hazardous or Polluting Materials Use Questionnaire*.

**Note:** Depending on quantities, this question does not apply to ordinary household or office products or wastes such as cleansers, waxes or office supplies. Answer YES only if the materials are involved in the commercial or special use process or if landscaping or maintenance chemicals (pesticides, fertilizers, paints, etc.) will be present in quantities greater than 50 pounds (solids) or 25 gallons (liquids).

If you answer NO to this question but in the County's experience, the type of business proposed typically uses such materials, you will be asked to complete the *Hazardous or Polluting Materials Questionnaire* prior to processing this Commercial Use/ Building/ Special Use Permit.

**Applications that involve hazardous or polluting materials may take a longer than normal processing time due to the need for additional research. The Arizona Department of Environmental Quality Compliance Assistance Program can address questions about Hazardous Materials (1-800-234-5677, ext. 4333).**

**SECTION E - Applicant's Statement**

I hereby certify that I am the owner or duly authorized owner's agent and all information in this questionnaire, in the Joint Permit Application and on the site plan is accurate. I understand that if any information is false, it may be grounds for revocation of the Commercial Use/ Building/ Special Use Permit.

Applicant's Signature Olson, Steven  
Digitally signed by: Olson, Steven  
DN: CN = Olson, Steven OU = 01\_Users,  
AMERS, PHX  
Date: 2019.09.25 13:22:12 -0700'

Print Applicant's Name Steve Olson

Date signed 9/25/19



Cochise County Development Services  
1415 E. Melody Lane, Building E  
Bisbee, AZ 85603

RE: Letter of Authorization to File for Permits

To Whom It May Concern,

By this letter, AT&T Mobility and/or their representative, Bechtel Infrastructure and Power Corporation, are hereby authorized to file for any governmental approvals and permits required for a Wireless Communication Facility located on Cochise County Assessor's Parcel 412-09-003 near US Highway 80 about two miles north of Skeleton Canyon Road.

**OWNER:**

Signature:

Name:

Title:

Date:

*Gregg Gibbons*  
*Gregg Gibbons*  
*OWNER*  
*11-20-19*

Bechtel Infrastructure and Power Corporation  
2601 S. 37<sup>th</sup> Street, Suite 200  
Phoenix, AZ 85034  
P | 520-743-6087

**CONSULTANT TEAM**

**CLIENT: BERENSON/MADEIRA & BOWEN CORPORATION**  
 23041 S. 37TH ST., SUITE #200  
 MESA, AZ 85204  
 CONTACT: STEVE OLSON  
 PHONE: (602) 743-8087

**PROJECT OWNER:**  
 AT&T MOBILITY  
 1355 W. UNIVERSITY DR.  
 MESA, AZ 85204  
 CONTACT: ROBERT HOFTRICHTER  
 PHONE: (480) 838-1000  
 E-MAIL: RH131@ATT.COM

**DESIGNER:**  
 AT&T MOBILITY  
 1355 W. UNIVERSITY DR.  
 MESA, AZ 85204  
 CONTACT: ROBERT HOFTRICHTER  
 PHONE: (480) 838-1000  
 E-MAIL: RH131@ATT.COM

**PROJECT MANAGER:**  
 AT&T MOBILITY  
 1355 W. UNIVERSITY DR.  
 MESA, AZ 85204  
 CONTACT: ROBERT HOFTRICHTER  
 PHONE: (480) 838-1000  
 E-MAIL: RH131@ATT.COM

**PROJECT MANAGER:**  
 CLEAR BLUE SERVICES  
 11105 W. OAK GRANDE HWY.  
 SUITE 100  
 PHOENIX, AZ 85042  
 CONTACT: STEVEN BAUNCE  
 PHONE: (602) 743-8087  
 E-MAIL: STEVEN@CLEARBLUESERVICES.COM

**GENERAL NOTES**

- CONTRACTOR & CREWS SHALL ABIDE BY AT&T CONSTRUCTION STANDARDS/REQUIREMENTS AS DESCRIBED IN THE AT&T SAFETY HANDBOOK.
- OSHA REGULATIONS/STANDARDS SHALL BE REVIEWED & FOLLOWED BY ALL EQUIPMENT INSTALLERS AND TOWER/ROOF TOP CONTRACTORS/SUBCONTRACTORS DURING CONSTRUCTION.
- THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR AND SHALL REMEDY ALL FAULTS, DEFICIENCIES, OMISSIONS, AND/OR DEFECTS OF ANY KIND, INCLUDING BUT NOT LIMITED TO, WORKMANSHIP FOR ONE (1) YEAR AFTER THE PROJECT IS COMPLETED.
- THE GENERAL CONTRACTOR SHALL MAINTAIN THE RECORDS OF THE PROJECT AS NOTED OTHERWISE IN THE CONTRACT BETWEEN THE OWNER AND THE CONTRACTOR. (ACCEPTANCE OF THE PROJECT SHALL BE THE GENERAL CONTRACTOR'S RESPONSIBILITY TO MAINTAIN THE RECORDS IN A WATERPROOF CONDITION FOR A PERIOD OF TWO (2) YEARS STARTING AFTER THE DATE OF SUBSTANTIAL COMPLETION OF THE PROJECT. ALL ASSESSMENTS WITHIN IN THE CONTRACT BETWEEN THE OWNER AND THE CONTRACTOR.
- THE CONTRACTOR SHALL PROVIDE ADEQUATE PROTECTION FOR THE SAFETY OF THE OWNER'S EMPLOYEES, WORKMEN, AND ALL THINGS DURING THE CONSTRUCTION OF THE PROJECT.
- THE CONTRACTOR SHALL BE REQUIRED TO PAY FOR ALL NECESSARY PERMITS AND/OR FEES FOR THE CONSTRUCTION OF THE PROJECT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND/OR FEES BE FILLED BY THE OWNER OR HIS REPRESENTATIVE. CONTRACTOR SHALL OBTAIN PERMIT AND MAKE FINAL PAYMENT FOR SAID DOCUMENT.
- PERMIT NO. TO VERIFY ALL MEASUREMENTS OF EXISTING CONDUITS FOR FIBER RUN AND ANY POWER RUNS.
- DO NOT SCALE DIMENSIONS

**SITE INFORMATION**

**OWNER/LANDLORD:**  
 CTL, INC.  
 11115 W. OAK GRANDE HWY.  
 SUITE 100  
 PHOENIX, AZ 85042  
 CONTACT: ROBERT HOFTRICHTER  
 PHONE: (480) 838-1000  
 E-MAIL: RH131@ATT.COM

**APPLICANT:**  
 AT&T MOBILITY  
 1355 W. UNIVERSITY DR.  
 MESA, AZ 85204  
 CONTACT: ROBERT HOFTRICHTER  
 PHONE: (480) 838-1000  
 E-MAIL: RH131@ATT.COM

**TOWER TYPE:** 199 FT. SELF-SUPPORT TOWER  
**EXISTING SITE TYPE:** 402-DC COMMUNICATIONS FACILITY  
**APRN:** 31° 47' 55.90" N  
**LATITUDE:** 109° 08' 51.76" W  
**LONGITUDE:** -109.11427895°  
**EXISTING ELEVATION:** 44,302.91'  
**EXISTING ZONING:** R1-4  
**CONSTRUCTION TYPE:** V-N  
**EXISTING PROJECT AREA:** NO CHANGE  
**PROPOSED OCCUPANCY:** UNMANNED TELECOMMUNICATIONS FACILITY (NO CHANGE)  
**EXISTING OCCUPANCY:** TELECOMMUNICATIONS FACILITY (NO CHANGE)  
**JURISDICTION:** COCHISE COUNTY  
**ELECTRICAL PROVIDER:** COLUMBUS ELECTRIC CO-OP

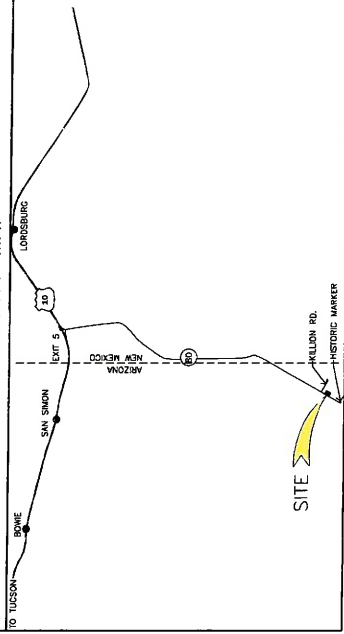


**PROJECT: NEW SITE BUILD**  
**SITE NO.: AZL05127**  
**SITE NAME: CTI ANTELOPE**  
**FA CODE: 14364204**  
**USID: 280876**  
**AZ HIGHWAY 80, 1/4 MILE S. OF KILLION RD.**  
**SAN SIMON, AZ 85632**

**DRIVING DIRECTIONS**

**DIRECTIONS:**  
 FROM THE AT&T OFFICE AT 1355 W. UNIVERSITY IN MESA, GO LEFT ON UNIVERSITY DR. HEADING WEST TO THE LOOP 202. TAKE THE RIGHT TURN ON SOUTH TAKE LOOP 202 SOUTH-TAKE LOOP 101 SOUTH TO THE END AND MERGE RIGHT GOING WEST ON THE LOOP 202. TAKE THE RIGHT TURN ON KILLION RD. AND MERGE ONTO THE I-10 GOING EAST. STAY ON THE I-10 TO NEW MEXICO. IN NEW MEXICO MAKE EXIT AND MERGE ONTO SR80 GOING SOUTH TO SITE. ABOUT 38 MILES TO KILLION RD. SITE IS ON ABOUT 1/3 OF MILE FURTHER PAST KILLION RD. (SOUTH OF). ON THE EAST SIDE OF THE ROAD (HWY. 80).

**VICINITY MAP**



**APPLICABLE CODES**

- ARIZONA STATE CODE COMPLIANCE**
- 2012 IBC STANDARDS AND AMENDMENTS
  - 2012 IRC STANDARDS AND AMENDMENTS
  - 2012 IFBC STANDARDS AND AMENDMENTS
  - 2011 IBC STANDARDS AND AMENDMENTS
  - 2011 IFBC STANDARDS AND AMENDMENTS
- ACCESSIBILITY REQUIREMENTS:**
- 2010 ADA STANDARDS FOR ACCESSIBLE AND MOBILITY PROGRAMS
  - 2010 ADA STANDARDS FOR ACCESSIBLE TELECOMMUNICATIONS FACILITY
  - IBC BUILDING CODE

**RFDS DATA SUMMARY**

DESIGN PACKAGE BASED ON RF DATA SHEET, REF# 04-313589-001, REV# 01-300109042Z-14364204-280876-1-12-2018, Az-Sim-3-Program-v1.00

RFDS VERSION: 1.00

RFDS DATE: 11/12/2018 updated by: at&tt, update: 11/12/2018, 11:34:12 AM

**SUMMARY OF EQUIPMENT:**

NUMBER OF SECTORS:	3
NUMBER OF TOWERS:	1
NUMBER OF FEEDS:	9
NUMBER OF FEEDS LOGIC CARDS (LAMPERS):	9
NUMBER OF DC CABLES (JUMPER):	0
NUMBER OF COAX CABLES:	0
NUMBER OF DC CABLES:	0
NUMBER OF FEED TRUNK CABLES:	1
NUMBER OF DC TRUNK CABLES:	3



**1355 W. UNIVERSITY DRIVE**  
**MESA, AZ 85201-5419**



**PROJECT: NEW SITE BUILD**  
**SITE NO.: AZL05127**  
**SITE NAME: CTI ANTELOPE**  
**FA CODE: 14364204**  
**USID: 280876**  
**AZ HIGHWAY 80**  
**1/4 MILE S. OF KILLION RD.**  
**SAN SIMON, AZ 85632**

SHIT.	DESCRIPTION	REV
T-1A	TITLE SHEET	0
SS-1	SITE SURVEY	0
SS-2	SITE SURVEY	0
A-1	OVERALL SITE PLAN	0
A-2	ENLARGED SITE PLAN	0
A-3	COMPOUND PLAN	0
A-4	ELEVATIONS	0
A-5	ELEVATIONS	0
A-6	PLAN, ANTENNA LAYOUT & CONFIGURATION TABLE	0

**PROFESSIONAL SEAL**

THE SCHEMATIC DRAWING OR ENGINEERING DESIGN IS THE PROPERTY OF CLEAR BLUE SERVICES AND SHALL BE KEPT IN CONFIDENCE AND NOT REPRODUCED OR COPIED WITHOUT THE WRITTEN PERMISSION OF CLEAR BLUE SERVICES.

PREPARED BY: [Signature]  
 EXPIRES 1-3-2022

**TITLE SHEET**

**T-1A**















**AT&T**  
 1355 W. UNIVERSITY DRIVE  
 MESA, AZ 85201-5419

THE INFORMATION CONTAINED ON THIS SET OF DRAWINGS IS PROPRIETARY & CONFIDENTIAL TO AT&T INTELLECTUAL PROPERTY. ANY USE OR DISCLOSURE OTHER THAN AS IT RELATES TO AT&T WIRELESS IS STRICTLY PROHIBITED.

**BECHTEL INFRASTRUCTURE**  
 2801 S. 37TH STREET, SUITE 200  
 PHOENIX, AZ 85034  
 PHONE: (602) 282-3500

**Clear Blue Services**  
 1807 E. CALLE GRANDE  
 PHOENIX, AZ 85016

PROJECT: NEW SITE BUILD  
 SITE NO.: AZ05127  
 SITE NAME: CTI ANTELOPE  
 FA CODE: 14364204  
 USD: 280876  
 1/4 MILE S. OF KILLION RD.  
 SAN SIMON, AZ 85632

PROFESSIONAL SEAL	ZONING DOCUMENTS	SLD	TB
11/20/19			

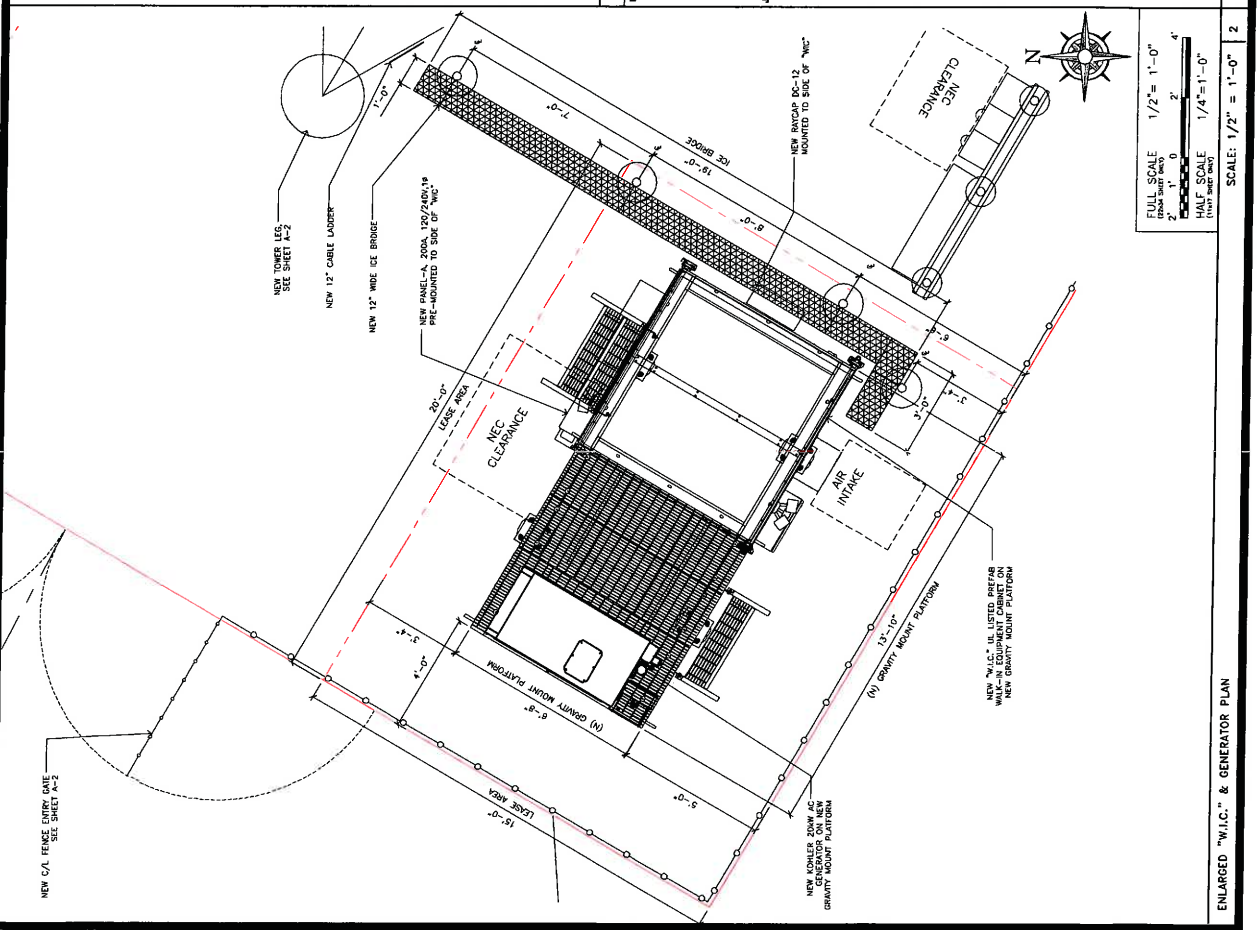
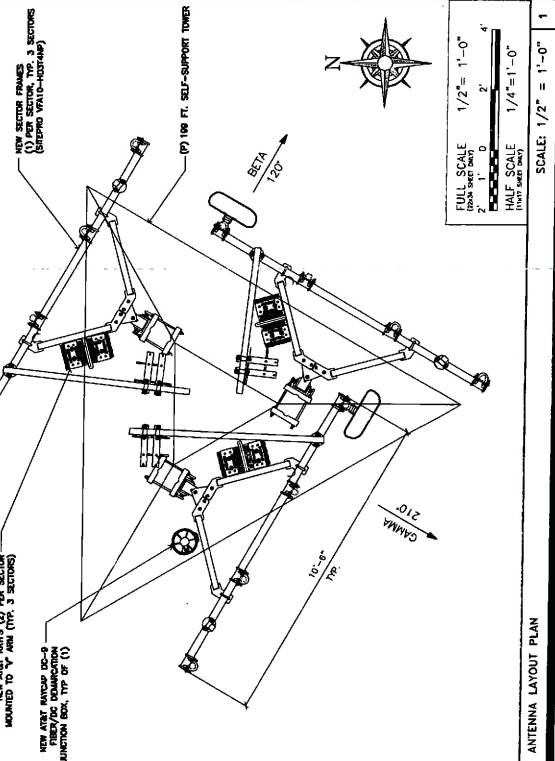
THE DOCUMENT CONTAINS AN ELECTRONIC SIGNATURE OF THE DESIGNER. THE SIGNATURE IS VALID FOR THE PROJECT AND SITE. THE SIGNATURE IS VALID FOR THE PROJECT AND SITE. THE SIGNATURE IS VALID FOR THE PROJECT AND SITE.

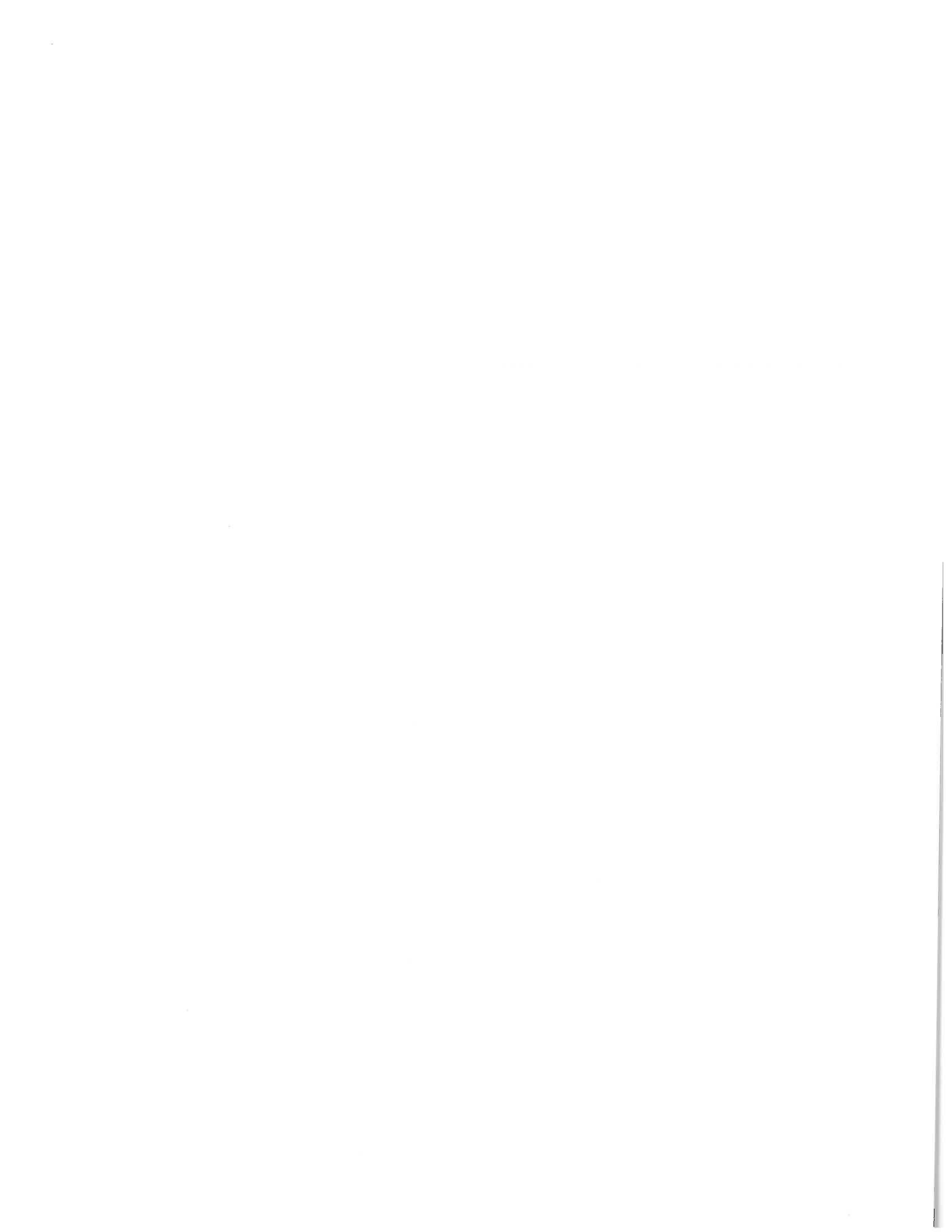
ANTENNA LAYOUT & CONFIGURATION TABLE  
 SHEET NUMBER: A-6

### NEW ANTENNA CONFIGURATION TABLE

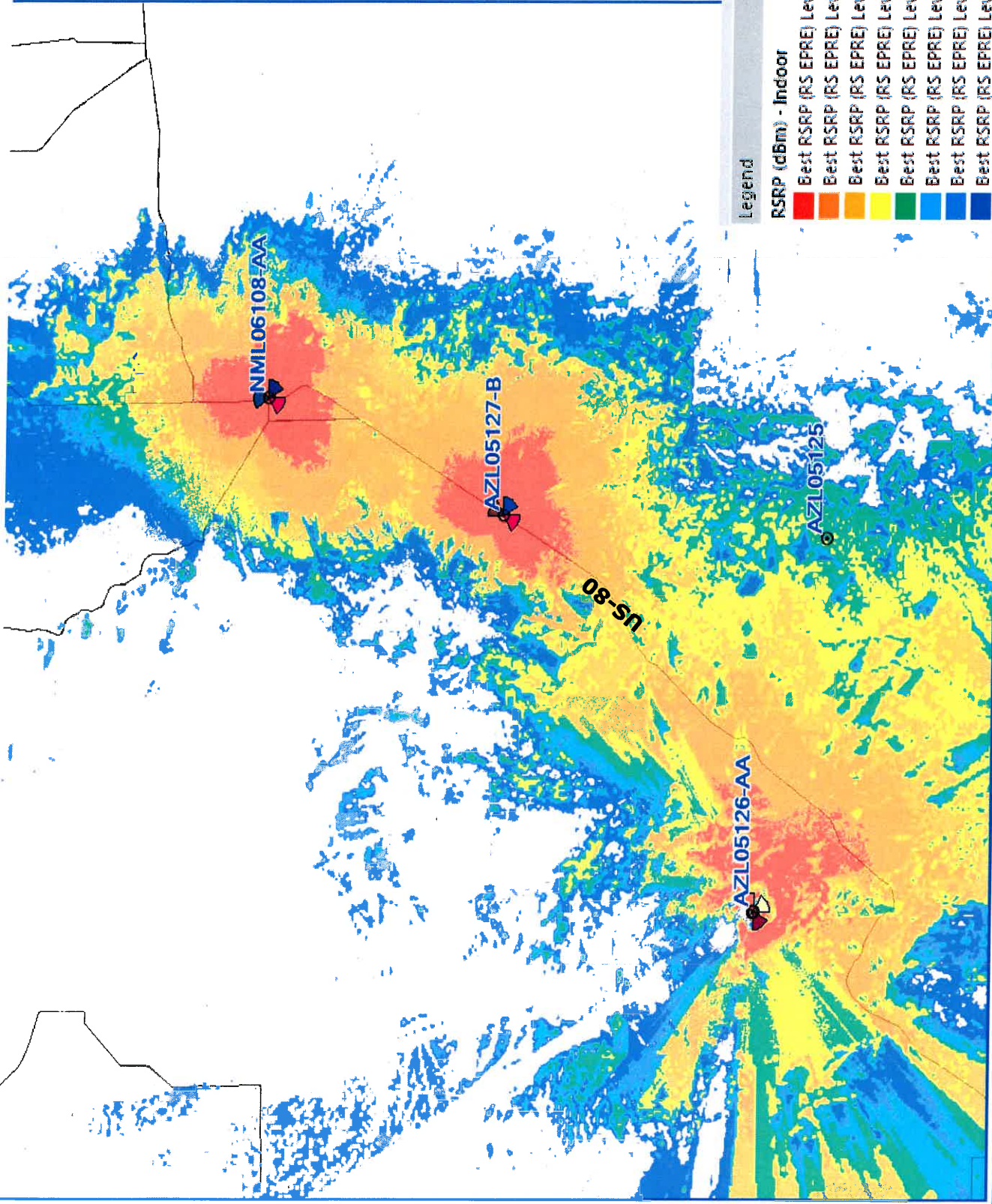
POSITION (IF OR N/A)	1	2	3	4
SECTOR A				
ANTENNA	(N) ANDREWS-COMMSCOPE NH4-500-38-10			
FEEDER LENGTH	99.21m (325'11.67")			
AZIMUTH	323.87			
RAO CENTER	180			
TECHNOLOGY	LTE 1800, MMS, 700			
TMA				
RRH	B12/B14, Active Dual-band RRH (1800/700 MHz) with 4x4 MIMO, 180W, 180°			
SECTOR B				
ANTENNA	(N) ANDREWS-COMMSCOPE NH4-500-38-10			
FEEDER LENGTH	99.21m (325'11.67")			
AZIMUTH	323.87			
RAO CENTER	180			
TECHNOLOGY	LTE 1800, MMS, 700			
TMA				
RRH	B12/B14, Active Dual-band RRH (1800/700 MHz) with 4x4 MIMO, 180W, 180°			
SECTOR C				
ANTENNA	(N) ANDREWS-COMMSCOPE NH4-500-38-10			
FEEDER LENGTH	99.21m (325'11.67")			
AZIMUTH	323.87			
RAO CENTER	180			
TECHNOLOGY	LTE 1800, MMS, 700			
TMA				
RRH	B12/B14, Active Dual-band RRH (1800/700 MHz) with 4x4 MIMO, 180W, 180°			

NOTES:  
 FOR AIRSCALE DUAL BAND RRH'S UNUSED RF PORT CONNECTORS MUST HAVE A MIN. OF 2-INCH LOAD TERMINATOR INSTALLED WHICH ARE NOT PROVIDED WITH THE RADIO DEVS. IF NEEDED, THEY MUST BE ORDERED SEPARATELY.  
 NEW ANT & FEEDER ANTENNA CONFIGURATION TABLE  
 NH4-500-38-10, 180 AT 180 FT  
 (1) PER SECTOR, TYP. 3 SECTORS





# AT&T indoor signal strength (RSRP) with AZL05127



### Legend

- RSRP (dBm) - Indoor**
- Best RSRP (RS EPRE) Level (dBm) > = -90
  - Best RSRP (RS EPRE) Level (dBm) > = -98
  - Best RSRP (RS EPRE) Level (dBm) > = -103
  - Best RSRP (RS EPRE) Level (dBm) > = -108
  - Best RSRP (RS EPRE) Level (dBm) > = -113
  - Best RSRP (RS EPRE) Level (dBm) > = -116
  - Best RSRP (RS EPRE) Level (dBm) > = -118
  - Best RSRP (RS EPRE) Level (dBm) > = -126



# AT&T indoor signal strength (RSRP) without AZL05127

