

Exhibit A: RF Report



WATERFORD
COMPLIANCE...FROM START TO SIGNAL

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Radio Frequency Emissions Compliance Report For AT&T Mobility

Site Name:	Short Place	Site Structure Type:	Monopole
Address:	9441 Peavine Ridge Road Pollock Pines, California	Latitude:	38.78483
Report Date:	January 30, 2018	Longitude:	-120.49922
		Project:	New Build

General Summary

AT&T Mobility has contracted Waterford Consultants, LLC to conduct a Radio Frequency Electromagnetic Compliance assessment of the proposed Short Place site located at 9441 Peavine Ridge Road, Pollock Pines, California. This report contains information about the radio telecommunications equipment to be installed at this site and the surrounding environment with regard to RF Hazard compliance. This assessment is based on installation designs and operational parameters provided by AT&T Mobility.

The compliance framework is derived from the Federal Communications Commission (FCC) Rules and Regulations for preventing human exposure in excess of the applicable Maximum Permissible Exposure ("MPE") limits. At any location at this site, the power density resulting from each transmitter may be expressed as a percentage of the frequency-specific limits and added to determine if 100% of the exposure limit has been exceeded. The FCC Rules define two tiers of permissible exposure differentiated by the situation in which the exposure takes place and/or the status of the individuals who are subject to exposure. General Population / Uncontrolled exposure limits apply to those situations in which persons may not be aware of the presence of electromagnetic energy, where exposure is not employment-related, or where persons cannot exercise control over their exposure. Occupational / Controlled exposure limits apply to situations in which persons are exposed as a consequence of their employment, have been made fully aware of the potential for exposure, and can exercise control over their exposure. Based on the criteria for these classifications, the FCC General Population limit is considered to be a level that is safe for continuous exposure time. The FCC General Population limit is 5 times more restrictive than the Occupational limits.

Frequency (MHz)	Limits for General Population/ Uncontrolled Exposure		Limits for Occupational/ Controlled Exposure	
	Power Density (mW/cm ²)	Averaging Time (minutes)	Power Density (mW/cm ²)	Averaging Time (minutes)
30-300	0.2	30	1	6
300-1500	f/1500	30	f/300	6
1500-100,000	1.0	30	5.0	6

f=Frequency (MHz)

In situations where the predicted MPE exceeds the General Population threshold in an accessible area as a result of emissions from multiple transmitters, FCC licensees that contribute greater than 5% of the aggregate MPE share responsibility for mitigation.

APPROVED
EL DORADO COUNTY
PLANNING COMMISSION

DATE August 23, 2018

BY Rozanne [Signature]
EXECUTIVE SECRETARY

S 18-0007

Exhibit A: RF Report

Short Place-New Site 013018

Based on the computational guidelines set forth in FCC OET Bulletin 65, Waterford Consultants, LLC has developed software to predict the overall Maximum Permissible Exposure possible at any particular location given the spatial orientation and operating parameters of multiple RF sources. These theoretical results represent worst-case predictions as emitters are assumed to be operating at 100% duty cycle.

For any area in excess of 100% General Population MPE, access controls with appropriate RF alerting signage must be put in place and maintained to restrict access to authorized personnel. Signage must be posted to be visible upon approach from any direction to provide notification of potential conditions within these areas. Subject to other site security requirements, occupational personnel should be trained in RF safety and equipped with personal protective equipment (e.g. RF personal monitor) designed for safe work in the vicinity of RF emitters. Controls such as physical barriers to entry imposed by locked doors, hatches and ladders or other access control mechanisms may be supplemented by alarms that alert the individual and notify site management of a breach in access control. Waterford Consultants, LLC recommends that any work activity in these designated areas or in front of any transmitting antennas be coordinated with all wireless tenants.

Analysis

AT&T Mobility proposes the following installation at this location:

- Install twelve (12) antennas, four (4) per Alpha, Beta, Gamma sector
- Install nineteen (19) RRUS

The antennas will be mounted on a 160-foot monopole with centerlines at 150 and 140 feet above ground level. The antennas will be oriented toward 0, 240 and 120 degrees. The Effective Radiated Power (ERP) in any direction from all AT&T Mobility operations will not exceed 28,573 Watts. Other appurtenances such as GPS antennas, RRUs and hybrid cable are not sources of RF emissions. From this site, AT&T Mobility will enhance voice and data services to surrounding areas in licensed 700, 850, 1900, 2100 and 2300 MHz bands. No other antennas are known to be operating in the vicinity of this site.

Power density decreases significantly with distance from any antenna. The panel-type antennas to be employed at this site are highly directional by design and the orientation in azimuth and mounting elevation, as documented, serve to reduce the potential to exceed MPE limits at any location other than directly in front of the antennas. For accessible areas at ground level, the maximum predicted power density level resulting from all AT&T Mobility operations is 0.0565% of the FCC General Population limits. Incident at adjacent buildings depicted in Figure 1, the maximum predicted power density level resulting from all AT&T Mobility operations is 0% of the FCC General Population limits. The proposed operation will not expose members of the General Public to hazardous levels of RF energy and will not contribute to existing cumulative MPE levels on walkable surfaces at ground or at adjacent buildings by 5% of the General Population limits.

Waterford Consultants, LLC recommends posting RF alerting signage (Caution) at the base of the proposed monopole to inform authorized climbers of potential conditions near the antennas. These recommendations are depicted in Figure 2.

Exhibit A: RF Report

Short Place-New Site 013018

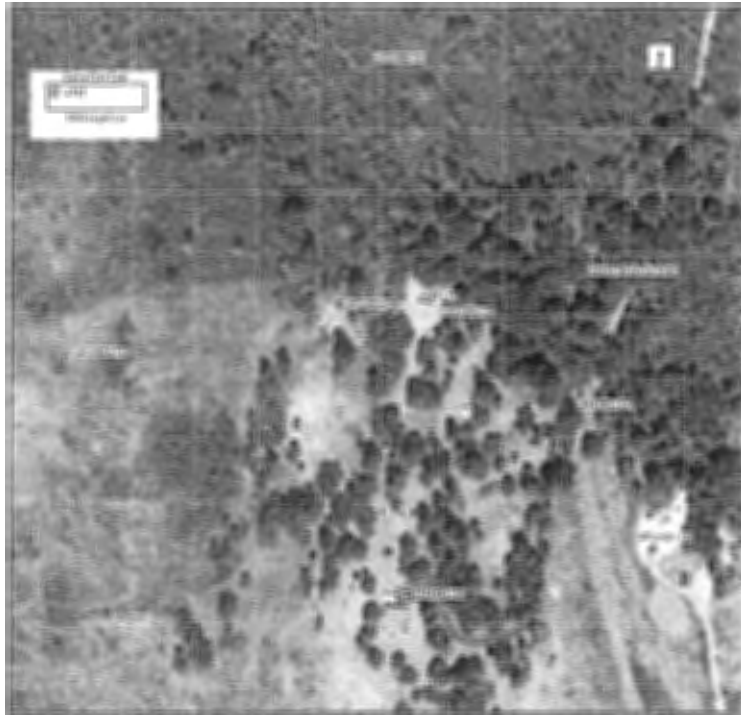
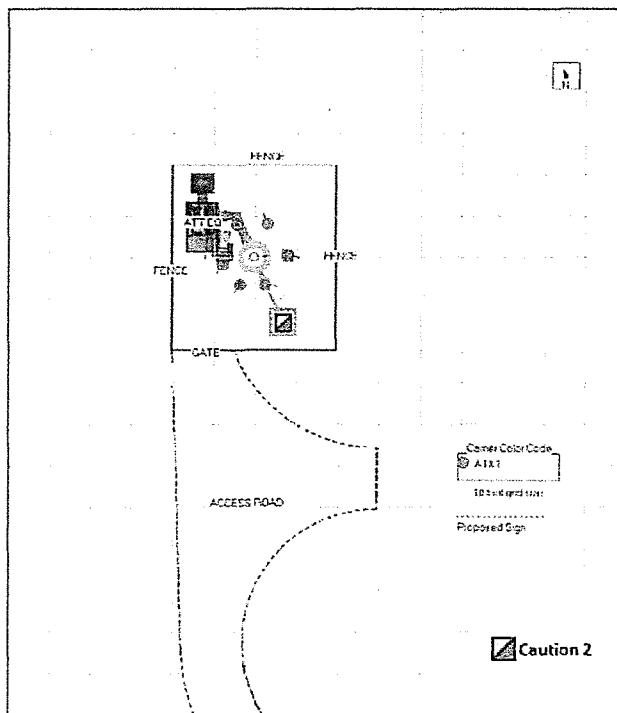


Figure 1: Antenna Locations



Compliance Requirements

Exhibit A: RF Report

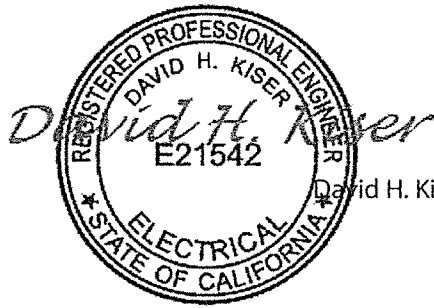
Short Place-New Site 013018

Compliance Statement

Based on information provided by AT&T Mobility and predictive modeling, the installation proposed by AT&T Mobility at 9441 Peavine Ridge Road, Pollock Pines, California will be compliant with Radiofrequency Radiation Exposure Limits of 47 C.F.R. § 1.1307(b)(3) and 1.1310. RF alerting signage and restricting access to the lattice tower to authorized climbers that have completed RF safety training is required for Occupational environment compliance.

Certification

I, David H. Kiser, am the reviewer and approver of this report and am fully aware of and familiar with the Rules and Regulations of both the Federal Communications Commissions (FCC) and the Occupational Safety and Health Administration (OSHA) with regard to Human Exposure to Radio Frequency Radiation, specifically in accordance with FCC's OET Bulletin 65. I have reviewed this Radio Frequency Exposure Assessment report and believe it to be both true and accurate to the best of my knowledge.



David H. Kiser, P. E.

2018.01.30 11:36:09 -05'00'

Exhibit B: Project Support Statement



on Behalf of



PROJECT SUPPORT STATEMENT

AT&T PROJECT NAME: CONNECT AMERICA FUND II (CAF II) PROJECT

DEVELOPMENT APPLICATION FOR AT&T SITE "SHORT PLACE"

AT&T SITE NUMBER: CVL03371

AUTHORIZED AGENT:

EPIC WIRELESS GROUP, LLC

ZONING MANAGER:

JARED KEARSLEY; 916-755-1326; jared.kearsley@epicwireless.net

PROPERTY OWNER: FRANK CASTANEDA

(530) 644-6444

APN: 009-610-22

9441 Peavine Ridge Road, Pollock Pines, CA 95726

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-
- PROJECT'S BACKGROUND AND OBJECTIVES
 - SEARCH RING'S DESCRIPTION AND OBJECTIVES
 - POTENTIAL CO-LOCATIONS
 - ALTERNATIVE SITE ANALYSIS
 - SUBJECT PARCEL AND SITE DETAILS AND SUPPORTING DOCUMENTS
 - OPERATIONAL STATEMENT
 - FIRE SUPPRESSION SYSTEM
 - OTHER CONSIDERATIONS RELATING TO NEW WIRELESS TELECOMMUNICATION FACILITIES PURSUANT TO 17.14.210 AND 17.22.500 OF THE EL DORADO COUNTY ZONING CODE

APPROVED
EL DORADO COUNTY
PLANNING COMMISSION

DATE August 23, 2018

BY Roger Trout
EXECUTIVE SECRETARY

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Project Background and objectives:

AT&T is participating in a Federal Government funded project called Connect America Fund (CAF) – which is to provide underserved areas throughout the United States in general and throughout El Dorado County in particular with hi-speed broadband internet. The build-up of hi-speed broadband internet throughout rural/underserved areas will not only drive economic growth in rural America, but will expand the online marketplace nationwide, creating jobs, educational and businesses opportunities across the country. The CAF project is required to provide broadband internet services capable of 10 Mbps download and 1 Mbps upload speeds.

AT&T has the necessary technology that allows them to build out their territory in El Dorado County with the much demanded hi-speed broadband internet to help improve the county's rural infrastructure. AT&T's basis for transmitting and receiving hi-speed broadband internet to residences is executed by providing one site with either a microwave fiber hop or a direct fiber line to the site and transferring the high speeds of fiber to each Living Unit (LU) via wireless signals. Each LU being provided with the service will have a small square antenna located in a vantage point on the property where it has a direct line of site to the tower. The square antenna will send and receive wireless broadband internet providing the LU with a minimum of 10/1 Mbps download and upload speeds, respectively.

AT&T's secondary objective is to provide and enhance AT&T's Wireless Telecommunications services (cellular services) to underserved areas. Cellular services go hand in hand with building the internet infrastructure throughout these underserved areas. People today rely on their mobile devices not only for educational and business purposes, but also for emergency services. Increasing AT&T's cellular coverage and capacity throughout El Dorado County's rural areas while providing wireless broadband internet will greatly assist with enhancing the county's economic growth and the area's infrastructure.

Given the need for direct line of site to residences, a taller than typical tower will be necessary in order to provide wireless broadband internet services to as many homes in the targeted areas as possible. During the tower design phase, the Radio Frequency (RF) engineer study many variables including surrounding tree heights, tree densities, population densities, and surrounding hill tops, in order to properly design a sufficient tower height with the goal of achieving the FCC's track census block mandates of reaching specific LU coverage objectives per area. Living Unit (LU) coverage objectives are provided by the RF engineer using density maps and are based on the area's approximate population. AT&T's goal is not only to reach the coverage objective, but to outperform the coverage objective to ensure that the maximum amount of homes are being provided this service while taking into consideration a small margin of error during the simulation process.

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Search Ring's Description and Objectives:



AT&T Mobility is proposing to build and maintain an unmanned wireless telecommunication facility consisting of a 40' x 45', 1,800 square foot enclosed compound (lease area). The compound will include a 160 foot Stealth Monopine tower, one pre-manufactured equipment cabinet, and one 15KW DC standby diesel generator. This facility will be located at 9441 Peavine Ridge Road, Pollock Pines, within El Dorado County's jurisdiction in a 10.70 acre RL-10 zone. The site is approximately 1.11 miles northwest of US Highway 50 and the area consists of large "evergreen" trees, and rolling hills with rocky terrain.

AT&T's objective for the Short Place site is to provide wireless hi-speed broadband internet to the surrounding community and cellular services to the nearby residences in addition to U.S. Highway 50. Just west of the search ring is a relatively dense underserved area and to the south is U.S. Highway 50. The site location's elevation is approximately 4,011 feet while the surrounding community's elevation averages around 3,600 feet, giving the homes within the surrounding community great potential for line of site to the tower. U.S. Highway 50's average elevation is 3,200 feet, therefore, the highway's coverage will significantly increase and will enhance the safety for highway travelers. After running a coverage simulation at the site location, AT&T is anticipating meeting and beating their FCC objective for the targeted area and will fill significant coverage gaps along U.S. Highway 50.

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Potential Co-locations:



There is one existing tower owned by American Tower Corporation that was analyzed by AT&T's RF engineer team for a potential Co-Location. The tower is located at 9571 White Meadow Road and is approximately 1.3 miles east of the center of the Search Ring and approximately 1.75 miles east of the proposed AT&T site location. The tower is 122 feet tall with an available antenna height of 97'. If the tower was capable of being structurally modified to allow for a taller tower, an available antenna height would then be 127 feet, however, a tower modification would have to be justified with a Structural Analysis.

Provided the elevation at the existing tower is 3,740 feet and the elevation at the proposed site location is 4,011 with a difference of 271 feet, the total difference in antenna height would be 294 feet (in the event the tower was modified for a taller antenna height). Additionally, the existing tower is over a mile away from the nearest residence, therefore, this tower's coverage would not suffice for the Short Place Search Ring under the CAF II Project. Being placed above a bend in U.S. Highway 50, the existing tower was strategically located to gain great coverage over a major stretch of the Highway. Furthermore, the existing tower wasn't built to cover residences, but, primarily to capture vehicular travelers.

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Alternative Site Analysis pursuant to 17.14.210 (B) (1):



Above is a map showing the Search Ring (center is the red pin), Proposed Site (green pin) and the two alternative sites (yellow pins) that were considered for placement of the telecommunications facility. Each Alternative Site is discussed below:

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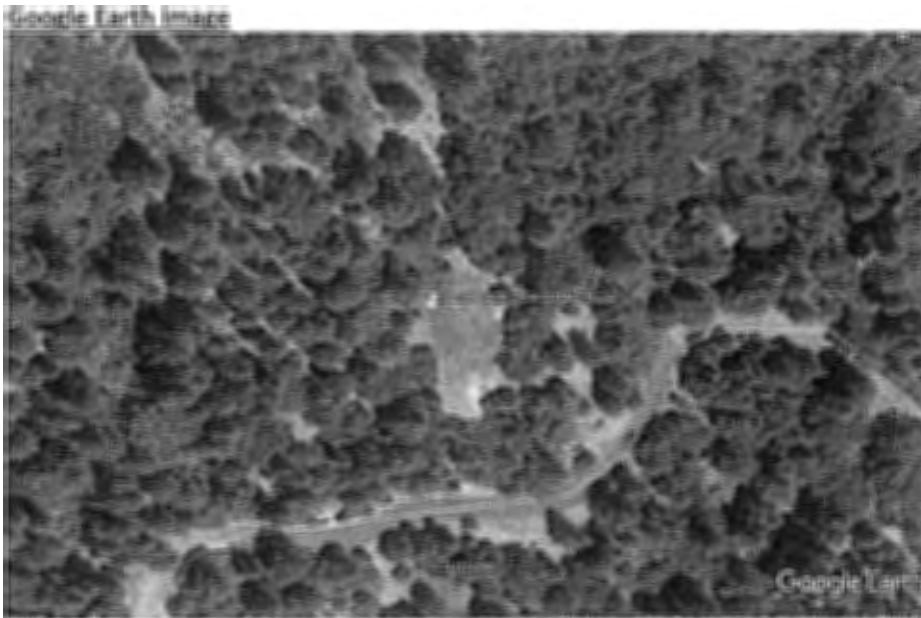


Short Place Alternative Candidate B:

9571 White Meadow Rd., Pollock Pines, CA

Latitude/Longitude: 38.780162, -120.474362

Proposal – New Tower



Site View:



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Considerations:

Candidate B is located approximately 0.90 miles east of the center of AT&T's search ring. The proposed tower would be located on a 200 acre, TPZ zoned property owned by Sierra Pacific Industries. The property is located on the north side of White Meadow Road and the site was proposed on the south side of the property. Candidate B was chosen as AT&T's third preferred candidate as the RF Engineer's simulation yielded approximately 68% fewer LU's than the subject site located at 9441 Peavine Ridge Road. Additionally, this site covered 64% fewer LU's than the FCC requirement for the targeted area. No known oak resources would be lost at this site location. This site would have a low visual impact on the surrounding area given no homes are within the vicinity.

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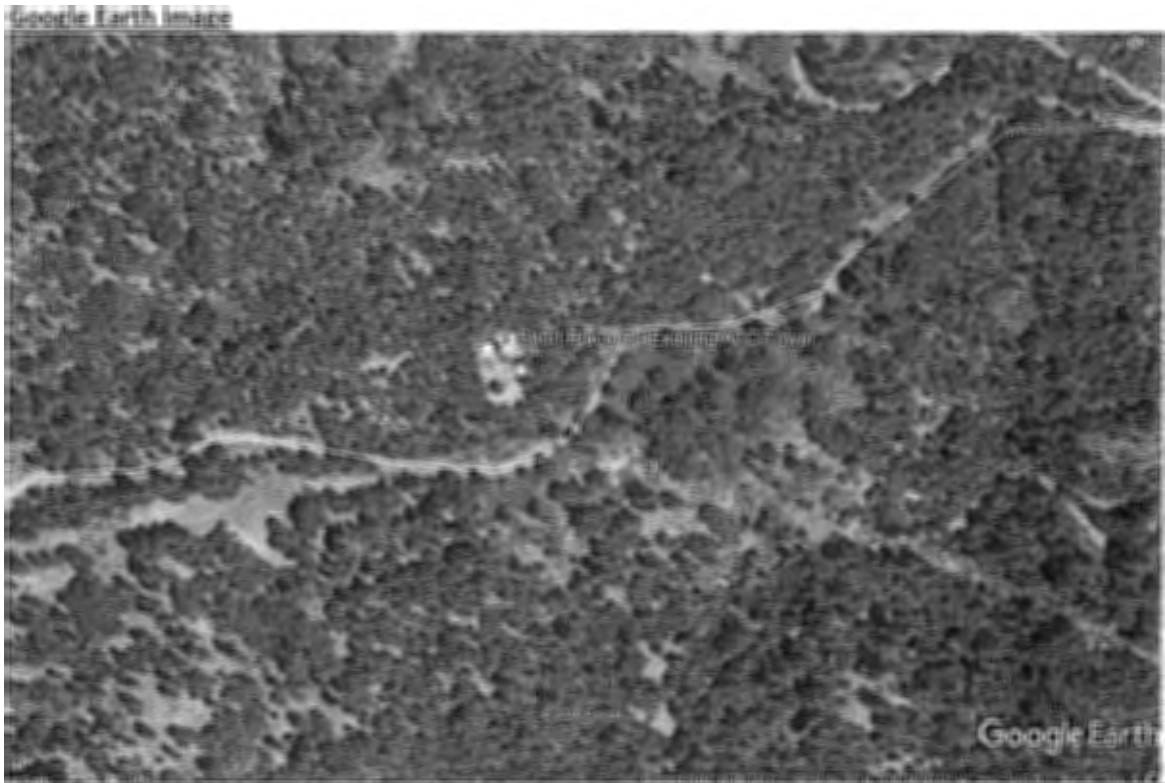


Short Place Alternative Candidate C:

9571 White Meadow Rd., Pollock Pines, CA

Latitude/Longitude: 38.890607, -120.960573

Proposal – Colocation on Existing Tower



Site View:



Exhibit B: Project Support Statement



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Considerations:

There is one existing tower owned by American Tower Corporation that was analyzed by AT&T's RF engineer team for a potential Co-Location. The tower is located at 9571 White Meadow Road and is approximately 1.3 miles east of the center of the Search Ring and approximately 1.75 miles east of the proposed AT&T site location. The tower is 122 feet tall with an available antenna height of 97'. If the tower was capable of being structurally modified to allow for a taller tower, an available antenna height would then be 127 feet, however, a tower modification would have to be justified with a Structural Analysis.

Provided the elevation at the existing tower is 3,740 feet and the elevation at the proposed site location is 4,011 with a difference of 271 feet, the total difference in antenna height would be 294 feet (in the event the tower was modified for a taller antenna height). Additionally, the existing tower is over a mile away from the nearest residence, therefore, this tower's coverage would not suffice for the Short Place Search Ring under the CAF II Project. Being placed above a bend in U.S. Highway 50, the existing tower was strategically located to gain great coverage over a major stretch of the Highway. Furthermore, the existing tower wasn't built to cover residences, but, primarily to capture vehicular travelers.

The Existing Tower yielded 45% less LUs than the proposed site location on 9441 Peavine Road, and 36% fewer LUs than the FCC's requirement for the targeted area. For that reason, the Existing Tower is not a viable co-locatable opportunity.

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Additional alternative sites considered and letters of interest sent out but received either no response by landlords or uninterested landlords included the following parcels:

9599 White Meadow Road, Pollock Pines – APN: 009-040-43-100; Owner: Robert and Deborah Kirtlan

9560 White Meadow Road, Pollock Pines– APN: 009-610-16-100; Owner: Elizabeth and Michael Murphy

Google Earth Image of Additional Alternative Sites:



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Actual View of the Proposed Location:

The proposed lease area is centrally located on the property. The site will not interfere with the existing use of the property and is an allowed use for the zone subject to an approval of a Conditional Use Permit. Access will be directly off of Peavine Ridge Road. The site is elevated above the surrounding area and has great potential for line of site to the community down below the subject parcel. The site isn't intrusive to nearby residents nor their view points from their properties. The nearest residence is approximately 580 feet to the east and sits 128 feet lower than the site location. The residence has foliage shielding their view to the site. The second closest residence is approximately 795 feet to the south and sits 100 feet below the site location and is divided by a hill top to hide the facility from the property. The subject Property is the most north property and is elevated the highest compared to any nearby properties, therefore, no viewpoints will be in jeopardy. Provided this site meets and exceeds the FCC's requirements for the targeted area and is aesthetically non-intrusive to the surrounding area, this is the best site location for the Short Place Search Ring.



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Planning Services

Home & Government Planning

PARCEL DATA INFORMATION

3/28/2018

*Enter
Another
Parcel*

Assessor's Parcel Number: 009-610-22

PROPERTY INFORMATION:

STATUS	JURISDICTION	TAX RATE	MAP	ACREAGE
ON ASSESSMENT ROLL AND TAXED	COUNTY OF EL DORADO	59 - 4	PM 9/14/2	10.7

2015 GENERAL PLAN LAND USE INFORMATION:

LAND USE DES.	AG DIST.	ECOLOGICAL PRESERVES	IMPORTANT BIOLOGICAL CORRIDOR	MINERAL RESOURCES	PLATTED LANDS	COMMUNITY REGIONS	RURAL CENTERS	SPECIFIC PLANS	ADOPTED PLAN NAME
RR					PL				

2015 ZONING INFORMATION:

ZONING DESIGNATION	DESIGN CONTROL	PLANNED DEVELOPMENT	OTHER OVERLAYS
RL-10			

2004 GENERAL PLAN LAND USE INFORMATION:

LAND USE DES.	AG DIST.	ECOLOGICAL PRESERVES	IMPORTANT BIOLOGICAL CORRIDOR	MINERAL RESOURCES	PLATTED LANDS	COMMUNITY REGIONS	RURAL CENTERS	SPECIFIC PLANS	ADOPTED PLAN NAME
RR					PL				

2004 ZONING INFORMATION:

ZONING DESIGNATION	DESIGN CONTROL	PLANNED DEVELOPMENT	OTHER OVERLAYS
RE-10			

DISTRICTS:

FIRE	CSB	SCHOOL	WATER
UNASSIGNED		POLLOCK PINES	UNASSIGNED

FLOOD ZONE INFORMATION (See Note below):

FIRM PANEL NUMBER & REVISION	PANEL REVISION DATE	FLOOD ZONE	FLOOD ZONE BUFFER	FLOODWAY
05017C0550E	PANEL NOT PRINTED	D		
05017C0575E	PANEL NOT PRINTED	D		

MISCELLANEOUS DATA:

SUPERVISORIAL DISTRICT	AG PRESERVE	RARE PLANT MITIGATION AREA	MISSOURI FLAT MC&FP
5	SUE NOVASEL		No

REMARKS:

No Eligibility Review Required

NOTE: The flood zone information presented here is based solely on data derived from the FEMA Flood Information Rate Maps, and does not include data from any other flood studies.

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Zoning Map:



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Land Use Map:

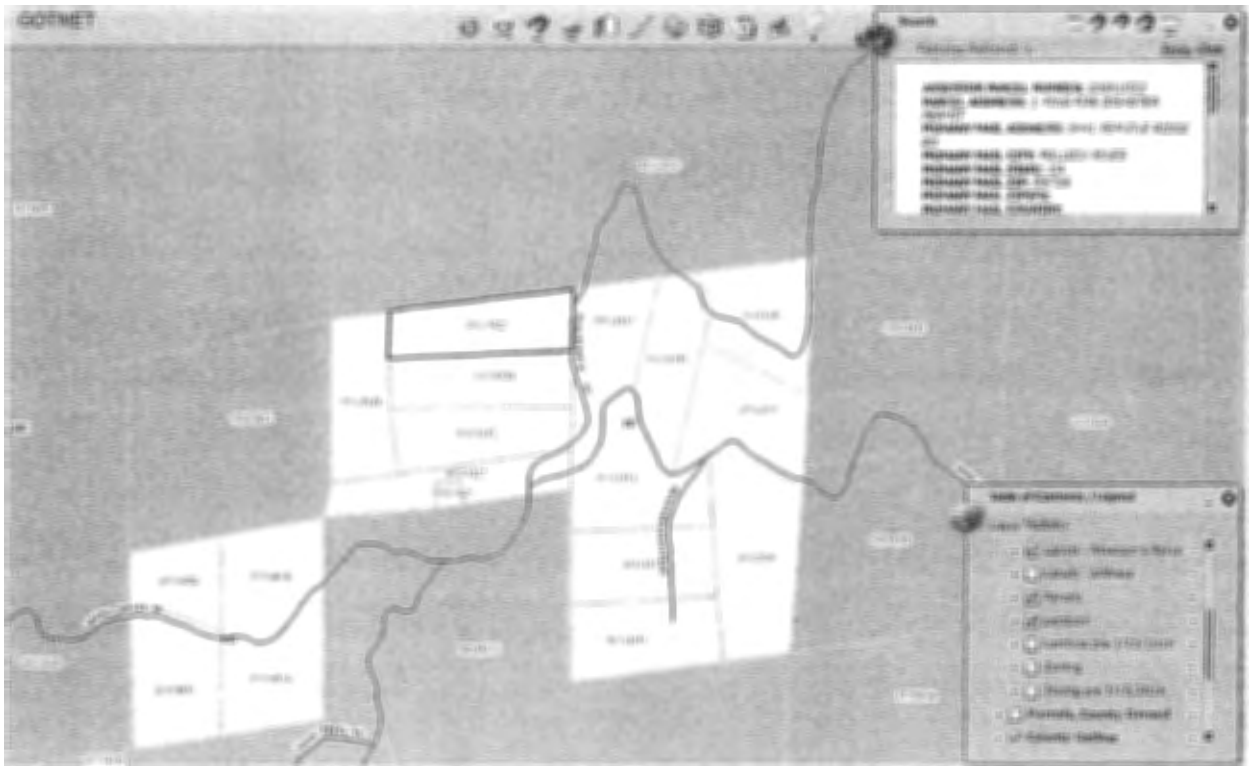


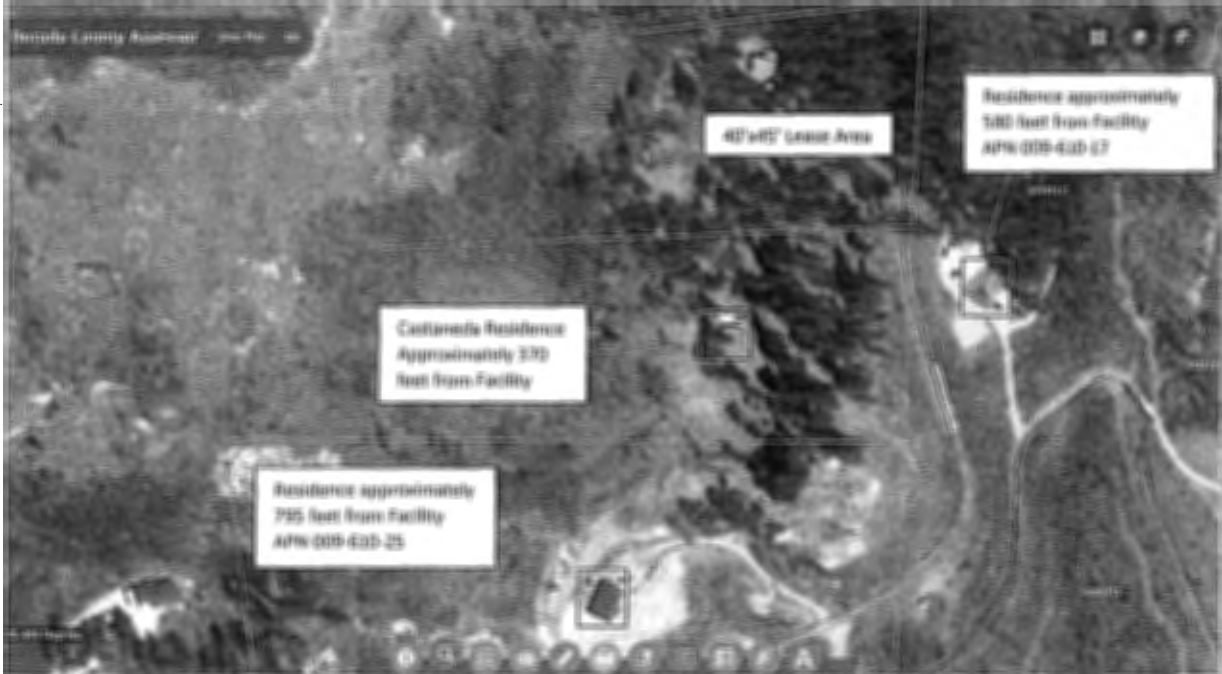
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Overhead View of Lease Area and Distances to nearby residences:



Emergency 15kw Diesel Generator and 1 Ton HVAC Noise Analysis:

- o Equation and Calculation Method:

The sound analysis methods and results are hypothetical only, using Sound Level and Distance calculations. These calculations do not take outside sounds, trees, hills, buildings, and other sound dampening variables into consideration, but, only raw sound levels after specific traveled distances which results in the worst case scenario for the sounds of the onsite backup generator and HVAC systems.

The use of emergency equipment is exempted from these limits per section 130.37.20(B).

Formulas to calculate the sound level L in dB (sound pressure level or sound intensity level) in dependence of the distance r .

Sound level L and Distance r	
$L_2 = L_1 - \left 20 \cdot \log \left(\frac{r_1}{r_2} \right) \right $	$L_2 = L_1 - \left 10 \cdot \log \left(\frac{r_1}{r_2} \right)^2 \right $
$r_2 = r_1 \cdot 10^{\left(\frac{ L_1 - L_2 }{20} \right)}$	$r_1 = \frac{r_2}{10^{\left(\frac{ L_1 - L_2 }{20} \right)}}$

Sound pressure level (dB) = Sound intensity level (dB)

$L_2 = L_1 - \left 20 \cdot \log \left(\frac{r_1}{r_2} \right) \right $	$L_2 = L_1 - 10 \cdot \log \left(\frac{r_1}{r_2} \right)^2$
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Sound Specifications:

- Emergency Generator Model: SD015 Generac
 - Average decibel (dBA) level at 23 feet = 65 dBA
- 1 Ton HVAC Model: HVAC MarvairSlimPacECUA12ACA
 - Average decibel (dBA) level at 30 feet = 46.5 dBA
 - HVAC is intrinsically compliant with El Dorado County's Noise Level Standards, per Table 1 below, 130.37.060.1

Findings:

1. Distance to the nearest Property Line of APN 009-610-17 = 520'
 - a. Generator Decibel level at 520' = 37.91 dBA
2. Distance to the Residence at APN 009-610-17 = 580'
 - a. Generator Decibel level at 580' = 36.97 dBA
3. Distance to nearest vacant property line at APN: 009-040-49 = 153'
 - a. Generator Decibel level at 153' = 48.54 dBA

Conclusion:

After calculating all decibel levels at each nearby property line and residence, the onsite Emergency Backup Generator are within El Dorado County's noise level standards according to El Dorado County Title 130 Zoning and Noise Ordinance, Chapter 130.37 – Noise Standards.

**Table 1 – Eldorado County Table 130.37.060.1
Noise Level Performance Standards for Noise Sensitive Land Uses
Affected by Non-Transportation Sources**

Noise Level Descriptor	Daytime 7 a.m. – 7 p.m.		Evening 7 p.m. – 10 p.m.		Night 10 p.m. – 7 a.m.	
	Community / Rural Centers	Rural Regions	Community / Rural Centers	Rural Regions	Community / Rural Centers	Rural Regions
Hourly Leq, dBA	55	50	50	45	45	40
Maximum Level, dBA	70	60	60	55	55	50

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Operation Statement:

This project is an AT&T Mobility unmanned Telecommunication Wireless Facility. It will consist of the following:

NEW SITE BUILD UNMANNED TELECOMMUNICATIONS FACILITY.

1. BRING POWER / TELCO / FIBER TO SITE LOCATION
2. PAVED ACCESS IMPROVEMENT FROM ROW
3. 40'X45' FENCED LEASE AREA
4. INSTALL AT&T APPROVED PRE-MANUFACTURED EQUIPMENT CABINET AND ASSOCIATED INTERIOR EQUIPMENT
5. ADD (1) NEW GPS UNITS
6. ADD 160'-0" MONOPINE
7. ADD (12) ANTENNAS (4) PER ALPHA, BETA, GAMMA SECTOR
8. ADD (19) PROPOSED (3) FUTURE RRUS
9. ADD (4) SURGE SUPPRESSORS
10. ADD (2) FUTURE 4' MICROWAVE DISHES
11. ADD 6'-0" HIGH CHAIN LINK FENCE W/ VYNAL SLATS
12. ADD 15KW DC DIESEL GENERATOR

The facility will operate 24 hours a day 7 days a week. Maintenance workers will visit the site approximately once a month. A 15 foot wide access route will be created directly from Peavine Ridge Road. There will be minimal noise from the standby generator, turning on once a week for 15 minutes for maintenance purposes and during emergency power outages. The Facility is approximately 580 feet west of a residence, and approximately 795 feet north of another. The location is surrounded by evergreen trees which will naturally stealth the facility in addition to being at a higher elevation than the surrounding neighbors. The surrounding area is covered with evergreen tree backdrops. The tower will be built to provide co-location opportunities.

Fire Suppression System:

A 15 foot wide access route will be created directly from Peavine Ridge Road with one fire "turnout" within the driveway. A Hammer Head Fire Turnaround will be proposed within the access route at the Facility. A Fire Department Knox Box will be located at the Property's access gate and at the Facility's access gate. Additionally, a 2A:20BC Rated Fire Extinguisher in a weather resistant cabinet will be mounted on the exterior wall of the proposed shelter.

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Conclusion:

Candidate A, 9441 Peavine Ridge Road, meets the FCC's mandated objectives for the targeted area of Short Place and is the best choice for the surrounding area. The chosen location will meet and exceed the FCC's mandated coverage objectives with providing hi-speed broadband internet to homes in the Short Place's Targeted area of El Dorado County. The Stealth Monopine Tower design has been chosen to blend into the existing surrounding environment as the least intrusive means while filling AT&T's gap in coverage. Significant Coverage Gaps will be filled along U.S. Highway 50 and the surrounding community. Existing foliage on the subject parcel and surrounding parcels yields a stealthed compound from all directions. No oak woodlands will be impacted/removed for this location. No special species or protected animals will be impacted per the biological resource assessment prepared by Sycamore Environmental Consultants, Inc.

Exhibit H: Coverage Map

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CVL03371 Zoning Propagation Map

February 06, 2018

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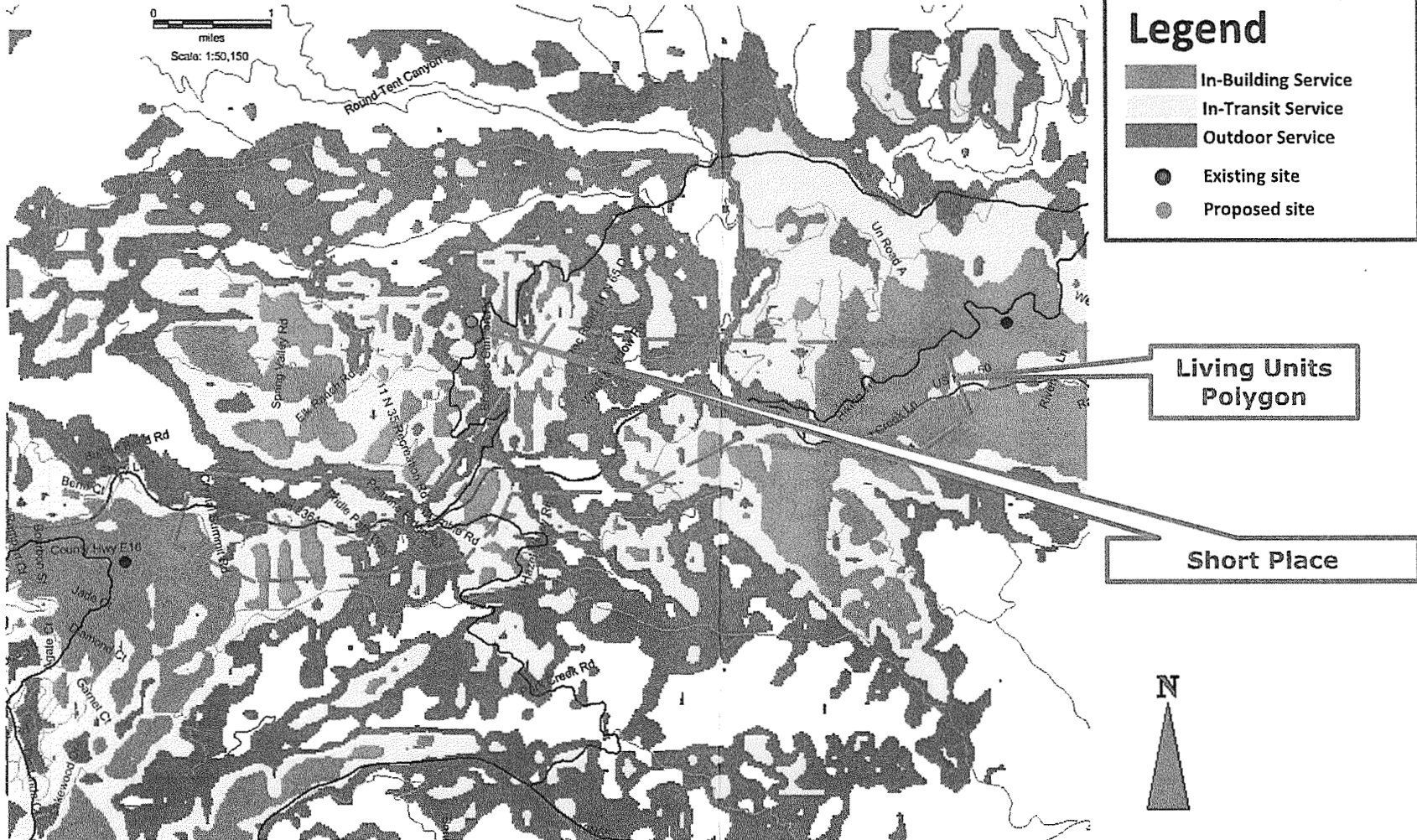
DATE: August 23, 2018

BY: Roger Trout
EXECUTIVE SECRETARY






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Exhibit H: Coverage Map

Existing LTE 700 Coverage



Legend

-  In-Building Service
-  In-Transit Service
-  Outdoor Service
-  Existing site
-  Proposed site

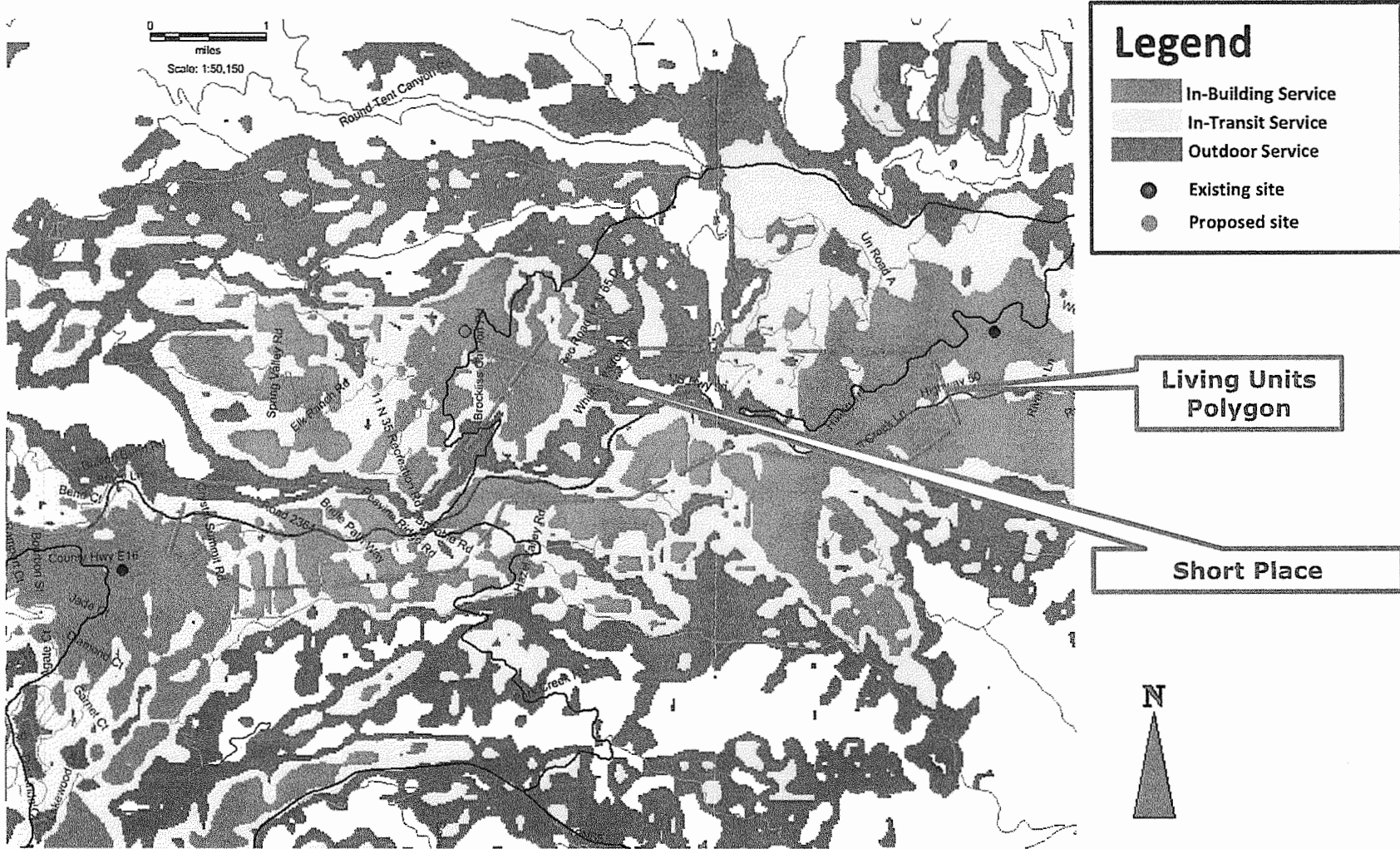
Living Units Polygon

Short Place

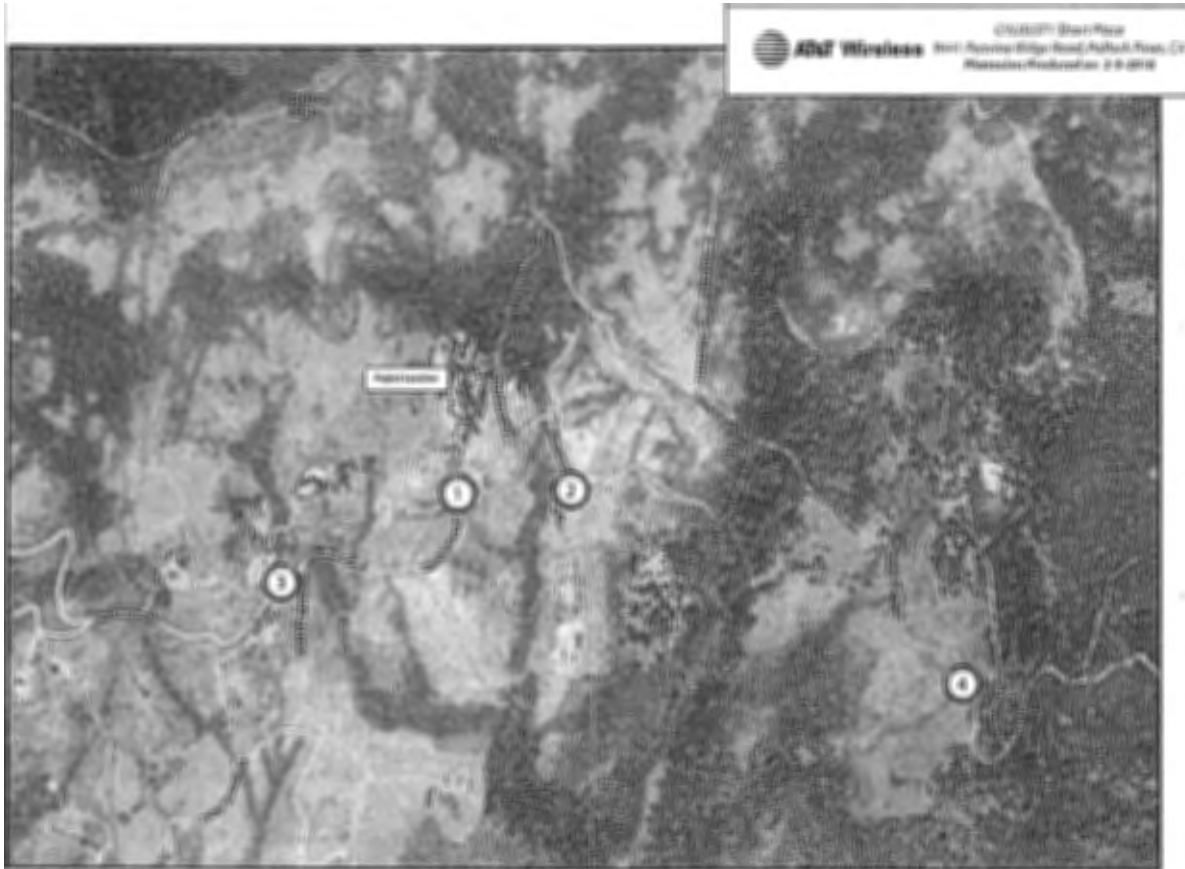


Exhibit H: Coverage Map

Proposed LTE 700 Coverage (RC = 150')



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AdvanceSim
Photo Simulation Solutions
Contact: 1-800-1-202-9507

Shot Point Map

S 18-0007

Prepared by Isaac Wolf
Planning Services Department



Adaptive Systems

View from Pioneer Ridge Road looking north at site
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All rights reserved. 08/2018

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PLANNING COMMISSION
DATE August 23, 2018
BY Roger Trout
EXECUTIVE SECRETARY



Advance Simulations
PLANNING SERVICES



View from White Mountain Road looking east toward site

08/20/17 Site Plan

3801 Pioneer Ridge Road, Pullaski, TN 37848

Modular Foundation: 2-9-2018



Adaptive Solutions
PLANNING SERVICES



View from White Mountain Road looking northwest at site

07640277 View Photo

1001 Avenida de las Arbores, Redwood City, CA
94061-1000 | 650-961-0000



Advanced Planning
and Design

New York Wireless Center Roof Antenna Installation
©2018 AT&T Wireless
3901 Riverchase Ridge Road, Dallas, Texas, TX
Marketing Produced on 2/2/2018

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PLANNING DEPARTMENT
at&t

SITE NUMBER: CVL03371
SITE NAME: SHORT PLACE

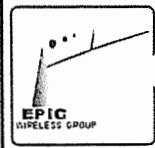
9441 PEAVINE RIDGE ROAD
POLLOCK PINES, CA 95726
JURISDICTION: ELDORADO COUNTY

USID: 178391
FA: 13787566

SITE TYPE: MONOPINE / WALK-IN EQUIPMENT CABINET

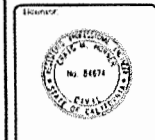
SHORT PLACE
9441 PEAVINE RIDGE ROAD
POLLOCK PINES, CA 95726

PREPARED FOR
at&t
2600 Central Expressway, Suite 100
San Francisco, CA 94133



AT&T SHEET NO. CVL03371
PROJECT NO. 13787566
DRAWN BY: EAG
CHECKED BY: CES

NO.	DATE	DESCRIPTION



APPROVED
EL DORADO COUNTY
PLANNING COMMISSION
DATE: August 23, 2018
BY: *Roger Trout/Cmt*
EXECUTIVE SECRETARY

ADAPTIVE RE-USE
ENGINEERING
Craig Hornor, PE 84574
214-437-3184
3112 LEATHA WAY
SACRAMENTO, CA 95821
craighornor@yahoo.com

SHEET TITLE
T-1

PROJECT DESCRIPTION	PROJECT INFORMATION	PROJECT TEAM	SHEET INDEX	REV																				
<p>NEW 5410 BUND UNMANNED TELECOMMUNICATIONS FACILITY</p> <ol style="list-style-type: none"> 1. ERG FENCE / FENCE / FENCE TO SITE LOCATION 2. FENCE ACCESS IMPROVING FROM NOW 3. MONOPINE FENCE LEGS AND 4. INSTALL 48" APPROVED PRE-FACTURIZED EQUIPMENT CABINET AND ASSOCIATE WALK-IN EQUIPMENT 5. ADD 110' OF NEW WALK-IN 6. ADD 160'-0" MONOPINE 7. ADD 120' MONOPINE TO PER PERMIT BETA GRASS SECTOR 8. ADD 110' MONOPINE TO PERMIT BETA GRASS SECTOR 9. ADD 10' SLOPE IMPROVING TO PERMIT BETA GRASS SECTOR 10. ADD 10' SLOPE IMPROVING TO PERMIT BETA GRASS SECTOR 11. ADD 10' SLOPE IMPROVING TO PERMIT BETA GRASS SECTOR 12. ADD 10' SLOPE IMPROVING TO PERMIT BETA GRASS SECTOR 13. ADD 10' SLOPE IMPROVING TO PERMIT BETA GRASS SECTOR 14. ADD 10' SLOPE IMPROVING TO PERMIT BETA GRASS SECTOR 15. ADD 10' SLOPE IMPROVING TO PERMIT BETA GRASS SECTOR 16. ADD 10' SLOPE IMPROVING TO PERMIT BETA GRASS SECTOR 17. ADD 10' SLOPE IMPROVING TO PERMIT BETA GRASS SECTOR 	<p>PROPERTY INFORMATION: SITE NAME: SHORT PLACE SITE NUMBER: CVL03371</p> <p>SEARCH RING: SHORTPLACE FA# 13787566 SITE ADDRESS: 9441 PEAVINE RIDGE ROAD POLLOCK PINES, CA 95726</p> <p>A.P.N. NUMBER: 009-610-22-100 CURRENT USE: RL-10 ON 2.5+ AC (29)</p> <p>PROPOSED USE: (U) UNMANNED TELECOMMUNICATION FACILITY JURISDICTION: ELDORADO COUNTY</p> <p>LATITUDE: N 36° 47' 05.15" (NAD83) LONGITUDE: W 120° 29' 57.05" (NAD83) GROUND ELEVATION: 1101 FT. AMSL</p>	<p>PROPERTY OWNER: FROM CALSIBAMA 9441 PEAVINE RIDGE ROAD POLLOCK PINES, CA 95726</p> <p>POWER AGENCY: PG&E PG&E COMPOSITION: 1 MARKET STREET, SPEAR TOWER SAN FRANCISCO, CA 94102 TEL: 1-800-743-5000</p> <p>TELEPHONE AGENCY: AT&T 530 MARKET STREET, SPEAR TOWER SAN FRANCISCO, CA 94102 TEL: 1-800-310-2355</p>	<p>APPLICANT / LESSEE: AT&T 5001 EXECUTIVE PARKWAY SAN RAMON, CA 94583</p> <p>RF ENGINEER: STAFF CONTACT: MARIANNA SHAWAN (M&S) EMAIL: M&S@AT&T.COM TEL: (949) 353-2373</p> <p>PROJECT MGR: EPIC WIRELESS CONTACT: VICKI SAGAS EMAIL: VICKI.SAGAS@EPICWIRELESS.NET TEL: (916) 920-1414</p> <p>SITE ACQUISITION: COMPANY: EPIC WIRELESS CONTACT: JAMES HIGGINS (JHIGGS@EPIC) EMAIL: JHIGGS@EPICWIRELESS.NET CELL: (916) 720-1225</p> <p>CONSTRUCTION MGR: COMPANY: EPIC WIRELESS CONTACT: PETER HANING EMAIL: PETER.HANING@EPICWIRELESS.NET TEL: (949) 353-2373</p> <p>ARCHITECT / ENGINEER: CONTACT: CRAIG HORNOR, PE 84574 EMAIL: CROG@HORNORENGINEERING.COM TEL: (214) 407-3184</p> <p>CIVIL VEICOR: VEICORUS CM CONTACT: DAVIS BRYCE EMAIL: CHESTER@VEICORUS.COM TEL: (530) 575-2315</p>	<p>T-1 TITLE SHEET G1-1 GENERAL NOTES C-1 SITE SURVEY (BY OTHERS) FOR REFERENCE ONLY C-2 SITE SURVEY (BY OTHERS) FOR REFERENCE ONLY C-3 EROSION CONTROL PLAN, NOTES & DETAILS C-3.1 GRADING PLAN & DETAILS A-1 OVERALL SITE PLAN - EXTERIOR WALK IN EQUIPMENT CABINET A-1.1 ENLARGED SITE PLAN - EXTERIOR WALK IN EQUIPMENT CABINET A-1.2 SITE PLAN - EXTERIOR WALK IN EQUIPMENT CABINET A-2 EQUIPMENT AREA PLAN - EXTERIOR WALK IN EQUIPMENT CABINET A-3 ANTENNA PLAN & DETAILS - MONOPINE A-4.1 PROPOSED MONOPINE NORTH - SOUTH ELEVATION A-4.2 PROPOSED MONOPINE WEST - EAST ELEVATION</p>	<p>REVISIONS DATED 05-23-2017, ISSUE 1.0 REVISION 1.0002</p>																			
<p>CODE COMPLIANCE</p> <p>ALL WORK AND MATERIALS SHALL BE PERFORMED AND INSTALLED IN ACCORDANCE WITH THE CURRENT EDITIONS OF THE FOLLOWING CODES AS ADOPTED BY THE LOCAL GOVERNING AUTHORITIES. NOTHING IN THESE PLANS IS TO BE CONSIDERED TO PERMIT WORK NOT CONFORMING TO THESE CODES:</p> <ol style="list-style-type: none"> 1. 2016 CALIFORNIA ADMINISTRATIVE CODE, PART 1, TITLE 24, C.C.R. (CALIFORNIA CODE OF REGULATIONS) 2. 2016 CALIFORNIA BUILDING CODE (CBC), PART 2, TITLE 24, C.C.R. (VOLUMES 1 & 7), (2015 INTERNATIONAL BUILDING CODE) 3. 2016 CALIFORNIA ELECTRICAL CODE (CEC), PART 3, TITLE 24, C.C.R. (2014 NATIONAL ELECTRICAL CODE) 4. 2016 CALIFORNIA MECHANICAL CODE (CMC), PART 4, TITLE 24, C.C.R. (2015 UNIFORM MECHANICAL CODE) 5. 2016 CALIFORNIA PLUMBING CODE (CPC), PART 5, TITLE 24, C.C.R. (2015 UNIFORM PLUMBING CODE) 6. 2016 CALIFORNIA ENERGY CODE (CEC), PART 6, TITLE 24, C.C.R. 7. 2016 CALIFORNIA HISTORICAL BUILDING CODE, PART 8, TITLE 24, C.C.R. (2015 INTERNATIONAL BUILDING CODE) 8. 2016 CALIFORNIA FIRE CODE, PART 9, TITLE 24, C.C.R. (2015 INTERNATIONAL FIRE CODE) 9. 2016 CALIFORNIA EXISTING BUILDING CODE, PART 10, TITLE 24, C.C.R. (2015 INTERNATIONAL BUILDING CODE) 10. 2016 CALIFORNIA GREEN BUILDING STANDARDS CODE, PART 11, TITLE 24, C.C.R. (IGBC-GREEN) 11. 2016 CALIFORNIA REFERENCED STANDARDS, PART 12, TITLE 24, C.C.R. 12. ASCE/ENR-1A-222-G 13. ALONG WITH ANY OTHER APPLICABLE LOCAL & STATE LAWS AND REGULATIONS. <p>DISABLED ACCESS REQUIREMENTS THIS FACILITY IS UNMANNED & NOT FOR HUMAN HABITATION. DISABLED ACCESS & REQUIREMENTS ARE NOT REQUIRED IN ACCORDANCE WITH CALIFORNIA STATE BUILDING CODE TITLE 24 PART 2, SECTION 11B-703.4</p>	<p>VICINITY MAP</p>	<p>DIRECTIONS FROM AT&T</p> <p>DIRECTIONS FROM AT&T'S OFFICE AT 2600 DAMO RAMONA, SAN RAMON, CA 94583 SAN RAMON, CA 94583</p> <p>FROM 2600 DAMO RAMON TO 9441 PEAVINE RIDGE RD VIA I-580 N. I-580 E AND 45-50 E/LL BOND RD. 2.14 MI (3.43 MI)</p> <ol style="list-style-type: none"> 1. HEAD EAST 2. TURN RIGHT TOWARD DAMO RAMON 3. TURN RIGHT ONTO DAMO RAMON 4. TURN RIGHT ONTO DOLLINGER CANYON RD 5. USE THE RIGHT 2 LANES TO TAKE THE I-580 N RAMP TO SACRAMENTO 6. MERGE ONTO I-580 N 7. KEEP LEFT TO STAY ON I-580 N 8. KEEP LEFT AT THE FORK TO STAY ON I-580 N 9. KEEP LEFT AT THE FORK TO CONTINUE ON I-580 N 10. USE ANY LANE TO THE LEFT TO TAKE THE I-580 N RAMP TO SACRAMENTO 11. MERGE ONTO I-580 N 12. KEEP LEFT AT THE FORK TO STAY ON I-580 N 13. KEEP LEFT AT THE FORK TO CONTINUE ON I-580 N/EASTWARD TO THE INTERCHANGE. FOLLOW SIGNS FOR WESTWARD TO POLLOCK PINES/PEAVINE RIDGE ROAD 14. TURN LEFT ONTO PEAVINE RIDGE RD 15. DRIVE AT INTERSECTION 9441 PEAVINE RIDGE RD 9441 PEAVINE RIDGE ROAD POLLOCK PINES, CA 95726 	<p>SPECIAL INSPECTIONS</p>	<p>APPROVALS</p> <table border="1"> <thead> <tr> <th>APPROVED BY:</th> <th>DATE</th> </tr> </thead> <tbody> <tr> <td>AT&T</td> <td> </td> </tr> <tr> <td>VENDOR</td> <td> </td> </tr> <tr> <td>R.F.</td> <td> </td> </tr> <tr> <td>TELEPHONE / LANDLORD</td> <td> </td> </tr> <tr> <td>ENGINEER</td> <td> </td> </tr> <tr> <td>CONSTRUCTION</td> <td> </td> </tr> <tr> <td>POWER / TELECO</td> <td> </td> </tr> <tr> <td>PG&E</td> <td> </td> </tr> </tbody> </table>	APPROVED BY:	DATE	AT&T		VENDOR		R.F.		TELEPHONE / LANDLORD		ENGINEER		CONSTRUCTION		POWER / TELECO		PG&E		<p>GENERAL CONTRACTOR NOTES</p> <p>DO NOT SCALE DRAWINGS</p> <p>THESE DRAWINGS ARE FORWARDED TO THE FULL SITE AT 50% S.C.T. CONTRACTOR SHALL VERIFY ALL PLANS AND SPECIFIC DIMENSIONS AND CONDITIONS ON THE JOB AND SHALL IMMEDIATELY NOTIFY THE ARCHITECT/ENGINEER IN WRITING OF ANY DISCREPANCIES BEFORE PROCEEDING WITH THE WORK OR MATERIAL, OR ELSE BE RESPONSIBLE FOR THE SAME.</p>	<p>DIGALERT</p> <p>800-227-2600 Call 24 hours a day, 7 days a week.</p>
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<p>OCCUPANCY AND CONSTRUCTION TYPE</p> <p>OCCUPANCY: U (UNMANNED) CONSTRUCTION TYPE: U-8</p>	<p> </p>	<p> </p>	<p> </p>	<p> </p>																				

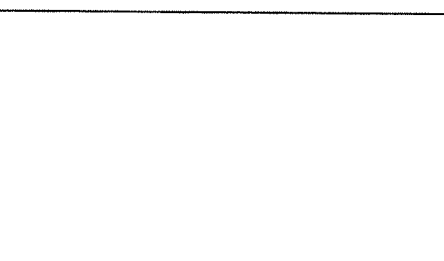
Exhibit J Site Plan and Antennas
Prepared July 2, 2018

Project No. S18-0007
APN: 009-610-22

THESE DRAWINGS AND THE ACCOMPANYING INFORMATION ARE INFORMATION THAT IS NOT A GUARANTEE OF ACCURACY, AND THE USER SHALL BE RESPONSIBLE FOR THE ACCURACY OF ANY INFORMATION WHICH THEY OBTAIN FROM ANY SOURCE. THE INFORMATION GATHERED FROM ANY SOURCE OF RECORD AND ANY OTHER INFORMATION OBTAINED BY THE USER SHALL BE THE USER'S RESPONSIBILITY. THE USER SHALL BE RESPONSIBLE FOR THE ACCURACY OF ANY INFORMATION OBTAINED FROM ANY SOURCE OF RECORD AND ANY OTHER INFORMATION OBTAINED BY THE USER. THE USER SHALL BE RESPONSIBLE FOR THE ACCURACY OF ANY INFORMATION OBTAINED FROM ANY SOURCE OF RECORD AND ANY OTHER INFORMATION OBTAINED BY THE USER.

BOUNDARY SURVEY IS BASED ON INFORMATION FROM RECORDS AND INFORMATION THAT IS NOT A GUARANTEE OF ACCURACY, AND THE USER SHALL BE RESPONSIBLE FOR THE ACCURACY OF ANY INFORMATION WHICH THEY OBTAIN FROM ANY SOURCE. THE INFORMATION GATHERED FROM ANY SOURCE OF RECORD AND ANY OTHER INFORMATION OBTAINED BY THE USER SHALL BE THE USER'S RESPONSIBILITY. THE USER SHALL BE RESPONSIBLE FOR THE ACCURACY OF ANY INFORMATION OBTAINED FROM ANY SOURCE OF RECORD AND ANY OTHER INFORMATION OBTAINED BY THE USER.

DATE OF SURVEY: 06-17-17
 SURVEYED BY: UNDER DIRECTION OF: KENNETH D. GEL, P.C.E., 14803
 LOCATED IN THE COUNTY OF EL DORADO, STATE OF CALIFORNIA
 BENCHMARKS SHOWN ARE BASED UPON MONUMENTS FOUND AND RECORD INTERMEDIATE. THIS IS NOT A BOUNDARY SURVEY.
 ELEVATIONS SHOWN ON THIS PLAN ARE BASED UPON U.S.G.S. NAD 83 DATUM ABOVE MEAN SEA LEVEL.
 HEIGHTS SHOWN CORRECTED SUBTRACT 5.0' FROM ELEVATIONS SHOWN
 CONTOUR INTERVAL: 1/4'
 OPERATOR IS RESPONSIBLE TO VERIFY LEASE AREA PRIOR TO CONSTRUCTION.
 ASSessor'S FRANCHISE NUMBER: 004-610-22-100
 GARDEN(S): 1484R, CASTANEDA
 9441 PEAVINE RIDGE ROAD
 POLLOCK PINES, CA 95720



POLLOCK PINES, CA VICINITY MAP

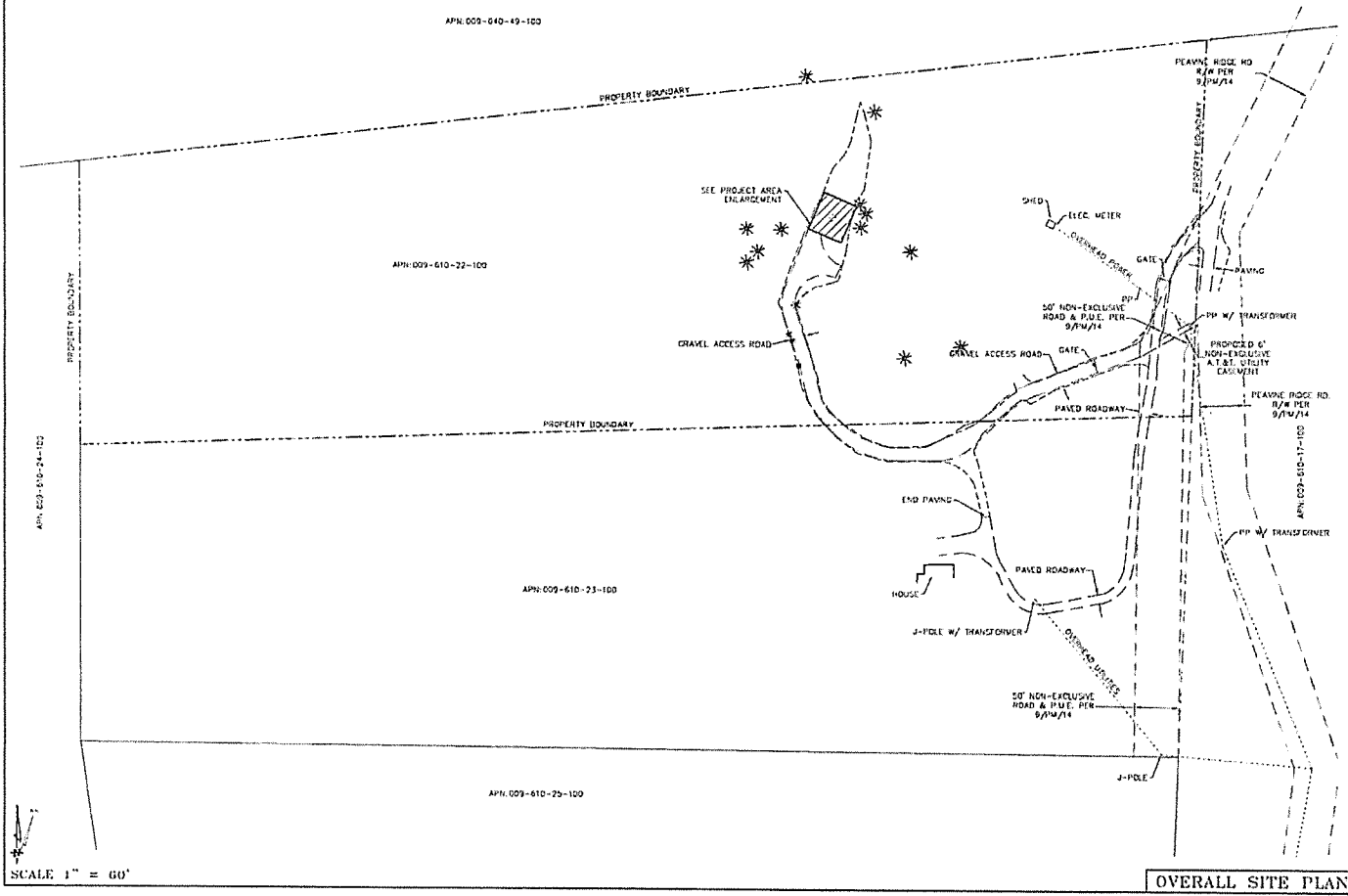
at&t Engineering & Surveying
 7210 King Street
 Auburn, California 95603-5011
 Phone: (530) 885-0300, Fax: (530) 885-1122

ATA 1 Vicinity: CVL03371 / SHORT PLACE
 Project No./Name: 9441 Peavine Ridge Road
 Project Site Location: Pollock Pines, CA 95720
 El Dorado County
 Date of Construction: 04-17-17
 Equipment/Procedure Used to Obtain Coordinates: Trimble Fortitude Pro 2L post processed with Trimble Office software
 Type of Antenna Mount: Flashed Monopole Tower
 Coordinates (Tower):
 Northing: N 28 47 05.15" (NAD83) Easting: E 28 47 05.20" (NAD83)
 Longitude: W 120 27 57.05" (NAD83) W 120 27 53.37" (NAD83)
 ELEVATION of Ground at Structure (EAGSD): 4011' AMSL

CERTIFICATION: I, the undersigned, do hereby certify that the information listed above is based on the field notes and other data under my supervision and that the accuracy of these elevations meet or exceed 1:4 Standards as defined in the Federal Acquisition Regulation, 48 CFR 101-11.6. I am a duly licensed and qualified professional engineer and I am not aware of any facts or circumstances which would make this information false or misleading.

Kenneth D. Gel, California P.C.E. 14803

DATE	REVISION	BY	DATE



Lessee Area Description:
 All that certain lease area being a portion of the Parcel 2 as shown on that certain Parcel Map filed for record on Dec. 9 of 1967 Maps, Page 14, El Dorado County Records, located in the County of El Dorado, State of California, and being a portion of Section 25, Township 11 N., Range 12 E., M.D.B. & M. and being more particularly described as follows:
 Commencing at a 1/2" Copied Rebar set of the Southeast corner of the above referenced parcel from which a similar monument bears South 02°27'22" West 360.00 feet, thence North as part of a line connecting North 64°55'27" West 480.47 feet to the West end of beginning, thence from said West end of beginning North 27°28'45" East 45.00 feet, thence South 60°21'20" East 40.00 feet, thence South 22°04'40" West 45.00 feet, thence North 60°31'20" East 10.00 feet to the point of beginning.
 Together with a non-exclusive easement for access and utility purposes 60 feet in width the centerline of which is described as follows: beginning at a point where bears South 64°31'20" East 150 feet from the most recently surveyed corner of the above described lease area and running thence South 21°18'32" West 72.24 feet, thence through a tangent curve to the left having a radius of 40.00 feet through an arc distance of 14.14 feet, thence South 72°34'24" East 25.19 feet, thence South 33°18'30" East 29.94 feet, thence through a tangent curve to the left having a radius of 40.00 feet through an arc distance of 29.49 feet, thence South 42°37'35" East 10.07 feet, thence through a tangent curve to the left having a radius of 100.00 feet through an arc distance of 29.49 feet, thence South 60°17'40" East 0.74 feet, thence North 64°57'37" East 40.00 feet, thence through a tangent curve to the left having a radius of 75.00 feet through an arc distance of 27.47 feet, thence North 60°05'13" East 54.70 feet, thence through a tangent curve to the right having a radius of 100.00 feet through an arc distance of 40.00 feet, thence North 60°17'45" East 123.15 feet to a point hereinafter defined as Point "A", thence through a tangent curve to the left having a radius of 40.00 feet through an arc distance of 42.00 feet, thence North 07°41'10" East 40.00 feet, thence through a tangent curve to the right having a radius of 40.00 feet through an arc distance of 54.28 feet, thence North 46°34'00" East 23.4 feet more or less to the public right of way more or less to the existing utility pole.

DATE	REVISION	BY	DATE

at&t
MOBILITY

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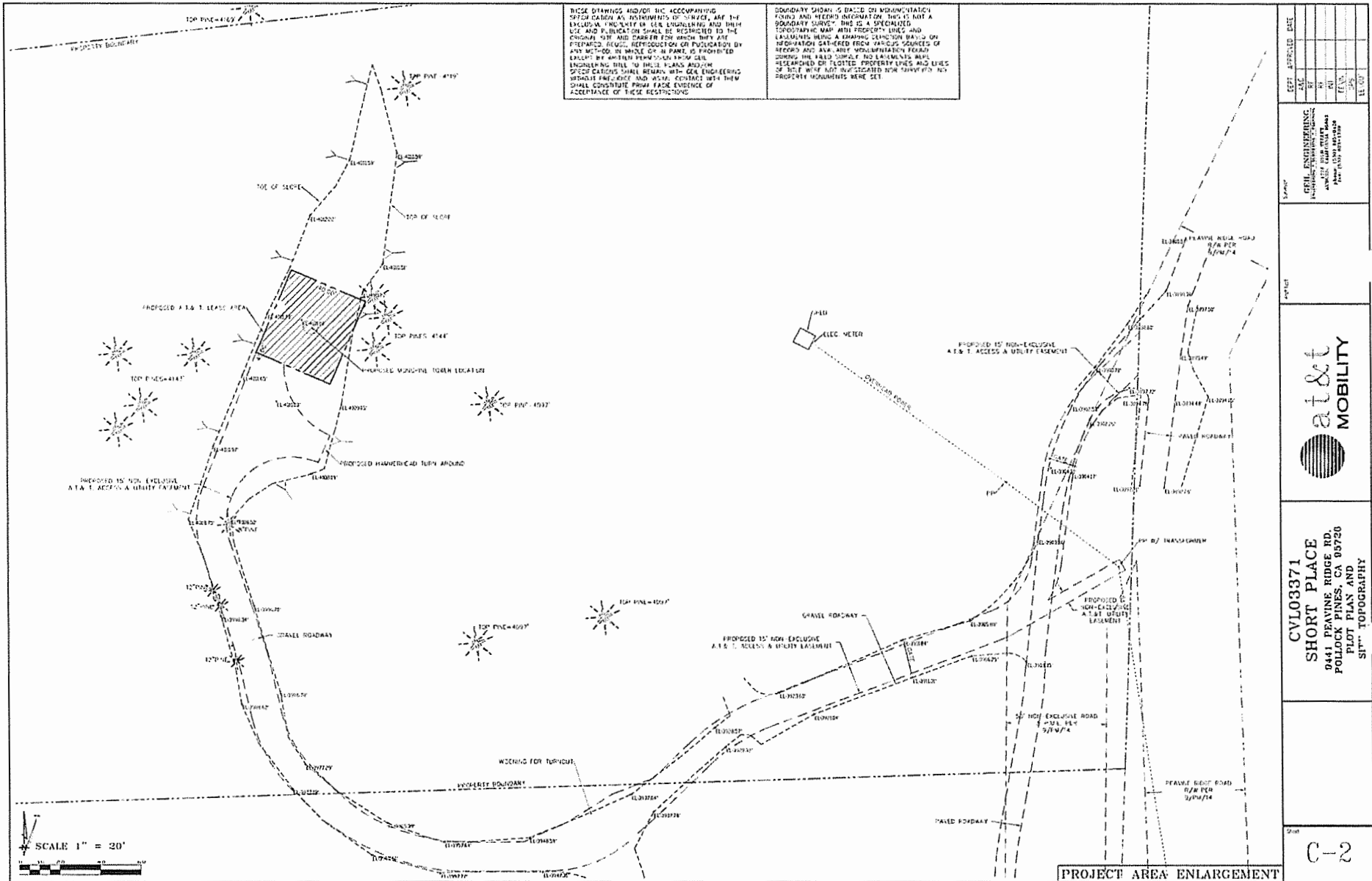
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CVL03371
SHORT PLACE
 9441 PEAVINE RIDGE RD.
 POLLOCK PINES, CA 95720
PILOT PLAN AND SITE TOPOGRAPHY

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Kenneth D. Gel, California P.C.E. 14803

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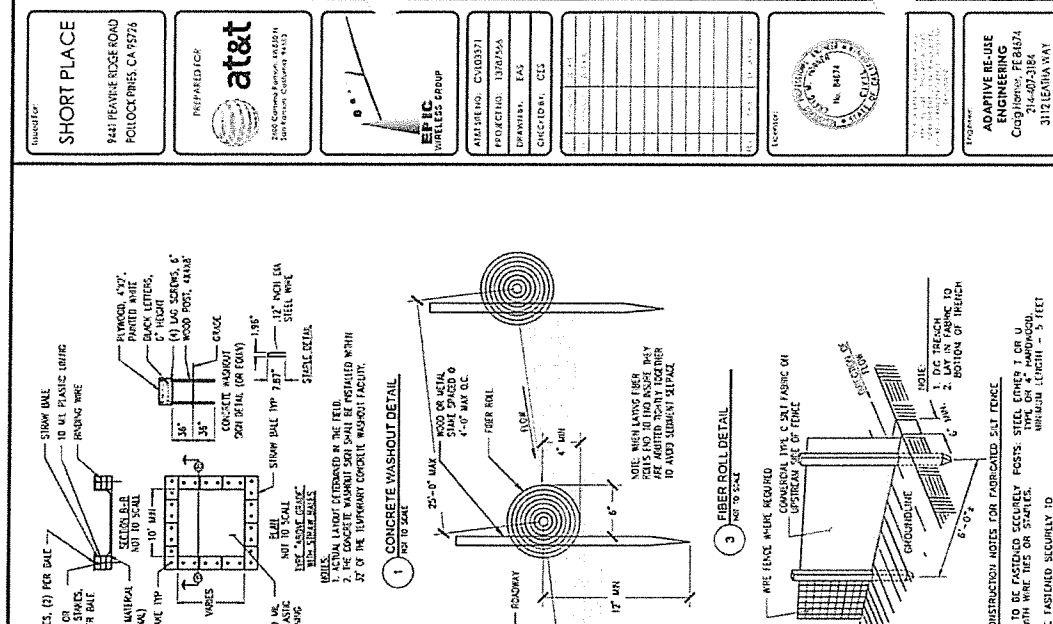
**Exhibit J Site Plan and Antennas
Prepared July 2, 2018**

**Project No. S18-0007
APN: 009-610-22**

BEST MANAGEMENT PRACTICES "BMP" TABLE			
BEST MANAGEMENT PRACTICES	LOCATION	START/IMPLEMENTATION	MAINTENANCE SCHEDULE
PROTECT EXISTING VEGETATION	VARIOUS PORTIONS OF PROJECT SITE	CONTINUOUS THROUGHOUT CONSTRUCTION IS COMPLETED	EDUCATE EMPLOYEES AND SUBCONTRACTORS TO PREVENT DAMAGE TO EXISTING VEGETATION. ALL EXISTING VEGETATION SHALL BE MAINTAINED AND PROTECTED THROUGHOUT CONSTRUCTION. ANY VEGETATION IS NOT DESCRIBED.
PROTECT EXISTING VEGETATION FROM WASHOUT AND EROSION	VARIOUS PORTIONS OF PROJECT SITE	CONTINUOUS	SUSPECT EXISTING VEGETATION AND SOILS ON AT LEAST A MONTHLY BASIS TO CHECK FOR EROSION. THE EXISTING VEGETATION SHOULD BE MAINTAINED AND PROTECTED THROUGHOUT CONSTRUCTION. ANY VEGETATION IS NOT DESCRIBED.
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CONSTRUCTION EROSION/SEDIMENTATION CONTROL PLAN NOTES:

- THE CONTRACTOR SHALL FOLLOW TYPICAL PROCEDURES FOR GRADING, EROSION CONTROL AND SEDIMENTATION CONTROL FOR THE AREAS SHOWN ON THESE PLANS.
- CONTRACTOR MUST ENSURE THAT THE CONSTRUCTION SITE IS PREPARED PRIOR TO THE START OF ANY STORM. CONSTRUCTION SHALL HAVE ALL EROSION AND SEDIMENTATION CONTROL MEASURES IN PLACE FOR THE WHOLE WORKING FRONT ON EVERY DAY OF CONSTRUCTION.
- ALL EROSION AND SEDIMENTATION CONTROL MEASURES SHALL BE MAINTAINED UNTIL THE WORKING FRONT HAS MOVED TO THE NEXT STATION OF CONSTRUCTION.
- CONTRACTOR SHALL MAINTAIN ALL EROSION AND SEDIMENTATION CONTROL MEASURES IN PLACE AT ALL TIMES DURING THE CONSTRUCTION PERIOD.
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- STORM WATER QUALITY NOTES:**
- CONTRACTOR SHALL PROTECT FROM RAIN WATER POLLUTION ON ALL CATCH BASINS OCCURRING IN THE VICINITY OF WORK. THIS INCLUDES ANY CATCH BASINS IN THE PUBLIC RIGHT-OF-WAY, AS WELL AS ANY CATCH BASINS ON THE PROJECT PROPERTY.
 - CONTRACTOR SHALL INSTALL A STABILIZED CONCRETE FLOW DIVERTER AT THE END OF EACH PUBLIC RIGHT-OF-WAY FROM CONSTRUCTION ACTIVITIES.
 - CONTRACTOR SHALL PROTECT FROM RAIN WATER POLLUTION ON ALL CATCH BASINS OCCURRING IN THE VICINITY OF WORK. THIS INCLUDES ANY CATCH BASINS IN THE PUBLIC RIGHT-OF-WAY, AS WELL AS ANY CATCH BASINS ON THE PROJECT PROPERTY.
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- FIBER ROLL NOTES:**
- CONTRACTOR SHALL PROTECT FROM RAIN WATER POLLUTION ON ALL CATCH BASINS OCCURRING IN THE VICINITY OF WORK. THIS INCLUDES ANY CATCH BASINS IN THE PUBLIC RIGHT-OF-WAY, AS WELL AS ANY CATCH BASINS ON THE PROJECT PROPERTY.
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SHORT PLACE
9441 FERRIS RD
PULLMAN WA 99137

2000 Central Expressway, Suite 100
San Francisco, California 94133

EPIC
WIRELESS GROUP

PROJECT NO. C100371
DRAWING NO. 130025A
DATE: 11/18/17
DRAWN BY: [Redacted]
CHECKED BY: [Redacted]

ADAPTIVE RE-USE ENGINEERING
Cloghlin, Inc. FE 01824
314-400-3184
314-400-3184
SACRAMENTO, CA 95831
cloghlininc@comcast.net

EROSION CONTROL NOTES & DETAILS

C-3

**Prepared by Isaac Wolf
Planning Services Division**

Prepared For
SHORT PLACE
9441 FRANKLIN RIDGE ROAD
PULLUCCE PASS, CA 93726

PREPARED FOR
at&t
2100 Central Expressway, J0220N
San Jose, California 95131

EPIC
UNLICENSED 0960P

PROJECT NO. C1003171
DRAWN BY: JIM
CHECKED BY: CJS

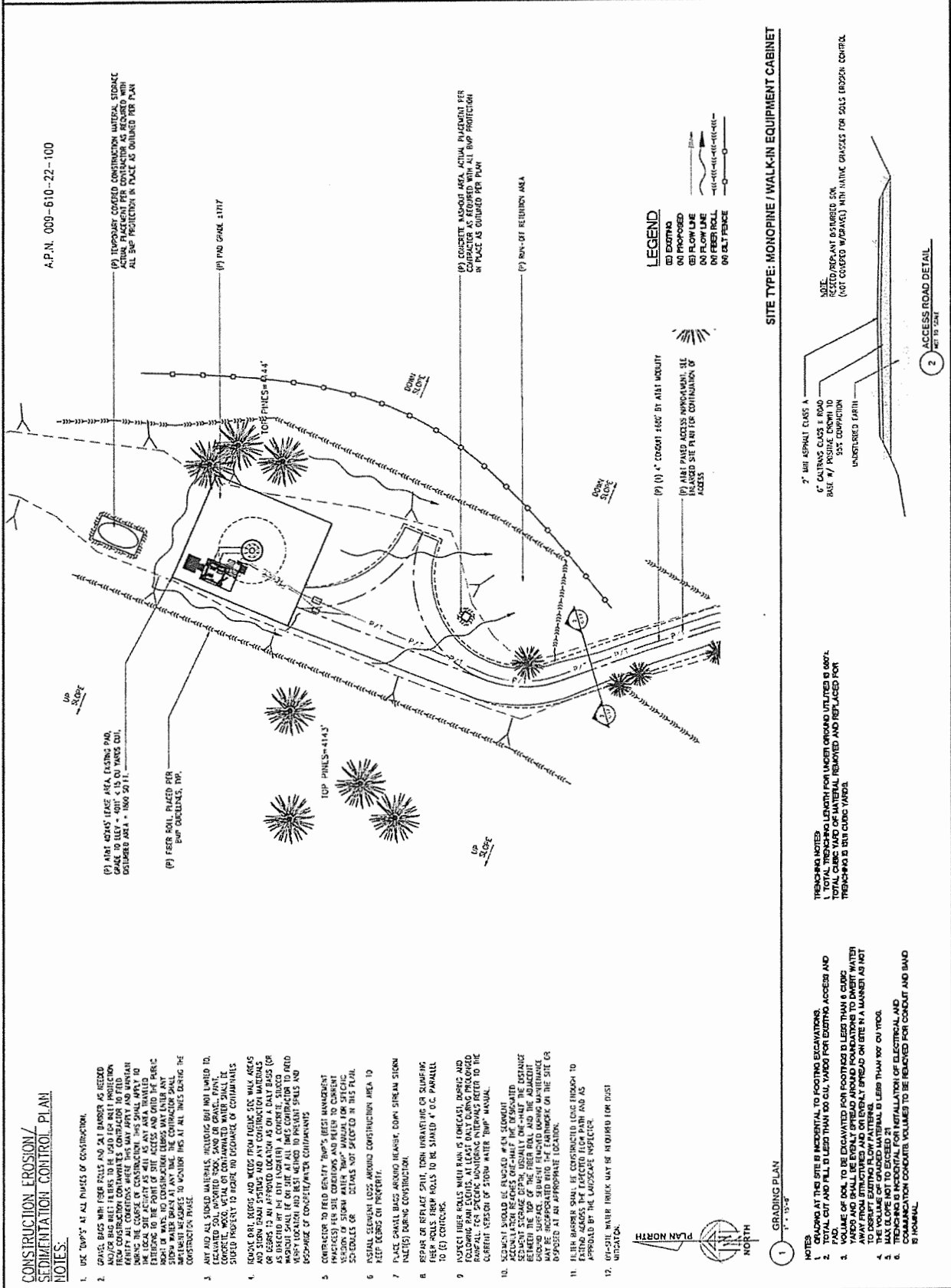
DATE: 7/2/18

SCALE: 1" = 10'-0"

ADAPTIVE RE-USE
ENGINEERING
City of San Jose, PE 02674
3111 FENNA WAY
SACRAMENTO, CA 95821
cognomotionjobs.com

GRADING PLAN
AND DETAILS

C-3.1



CONSTRUCTION EROSION/ SEDIMENTATION CONTROL PLAN NOTES:

- USE "BOPS" AT ALL PHASES OF CONSTRUCTION.
- GRAVEL BAGS WITH FIBER ROLLS AND Silt BARRIERS AS NEEDED AND/OR BIG BELL FILTERS TO BE 250' LENGTH PROTECTION. VERIFY ALL CONDITIONS WHERE THIS MAY APPLY AND MAINTAIN DURING THE COURSE OF CONSTRUCTION. THIS SHALL APPLY TO ALL EXISTING AND PROPOSED CONSTRUCTION AREAS AND TO ALL EXPOSED SOILS AT ALL TIMES DURING THE CONSTRUCTION PHASE.
- ANY AND ALL EXPOSED SOILS, INCLUDING BUT NOT LIMITED TO, CELESTIAL SOIL, CONTAMINATED SOILS, SAND OR GRAVEL, FILL, COMPOSITE WOOD, VERTICAL OR CONTAMINATED WATER SHALL BE STABILIZED IMMEDIATELY TO PREVENT OR MINIMIZE OF CONTAMINANTS.
- REMOVE GRILL, BEDS AND WELLS FROM EXISTING AND NEW AREAS AND STORM DRAIN SYSTEMS AND ANY CONSTRUCTION MATERIALS OR DEBRIS TO AN APPROPRIATE LOCATION AS OF A DAILY BASIS FOR THE DURATION OF CONSTRUCTION. ALL MATERIALS SHALL BE STORED IN A VENTILATED AND DRY LOCATION AND MUST BE KEPT COVERED TO PREVENT SPILLS AND DEGRADATION OF CONCRETE/ASPHALT CONTAMINANTS.
- CONTRACTOR TO FILL GENTLY "BOPS" (BEST MANAGEMENT PRACTICES) FOR SITE CONDITIONS AND REFER TO CURRENT VERSION OF STORM WATER BMP MANUAL FOR SPECIFIC SCHEDULES OR OTHERS NOT COVERED IN THIS MANUAL.
- INSTALL SEDIMENT LOSS CONTROL CONSTRUCTION AREA TO KEEP TRENCHES ON PROPERTY.
- PLACE SMOKE MARKS AROUND HEADWORK, DOWNSTREAM STORM INLETS) DURING CONSTRUCTION.
- REPAIR OR REPLACE SLOTTED TRENCHES OR SLURPING FIBER ROLLS. FIBER ROLLS TO BE SLOTTED 4" O.C. PARALLEL TO (E) CHANNELS.
- FOLLOWING FIBER ROLLS WHEN RAIN IS FORECAST, DURING AND AFTER RAIN EVENTS, AT LEAST DAILY DURING PROLONGED PERIODS OF STEADY, UNINTERMITTING RAIN SHALL BE THE CURRENT VERSION OF STORM WATER BMP MANUAL.
- SEDIMENT SHOULD BE REMOVED WHEN SLOTTED FIBER ROLLS ARE FULL. FIBER ROLLS SHOULD BE REPLACED BETWEEN THE TOP OF THE FIBER ROLL AND THE ADJACENT SLOPE. FIBER ROLLS SHOULD BE REPLACED IMMEDIATELY ON THE SITE OR DISPOSED AT AN APPROPRIATE LOCATION.
- UTILITY MARKERS SHALL BE CONSPICUOUSLY LOCATED THROUGH TO EXISTING AREAS THAT DEFLECTED FROM PAIN AND AS APPROVED BY THE LANDSCAPE INSPECTOR.
- OFF-SITE WATER INFILTRATION SHALL BE REQUIRED FOR DUST MITIGATION.

- PLAN NORTH
- 1" = 10'-0"
- NOTES:**
- GRADING AT THIS SITE IS INCIDENTAL TO FOOTING EXCAVATIONS.
 - TOTAL CUT AND FILL TO BE LESS THAN 100 CUBIC YARDS FOR EXISTING ACCESS AND PAV.
 - THE USE OF SOIL TO BE EXCAVATED FOR FOOTINGS IS LESS THAN 6 CUBIC YARDS AND SHALL BE EVENLY SPREAD AROUND FOUNDATIONS TO DRAIN WATER AWAY FROM STRUCTURES AND ON EVENLY SPREAD ON SITE IN A MANNER AS NOT TO DISRUPT EXISTING FLOW PATTERNS.
 - MAXIMUM GRADING SHALL BE LESS THAN 1% ON YARDS.
 - MAX GLOVE NOT TO EXCEED 21.
 - CONSTRUCTION MATERIALS VOLUMES TO BE REDUCED FOR CONDUIT AND SAND IS REMOVAL.
- TRENCHING NOTES:**
- TOTAL TRENCHING LENGTH FOR UNDER GROUND UTILITIES IS 6007'.
 - TOTAL CUBIC YARD OF MATERIAL REMOVED AND REPLACED FOR TRENCHING IS 631 CUBIC YARD.
- 2 ACCESS ROAD DETAIL
NET 10' X 12'

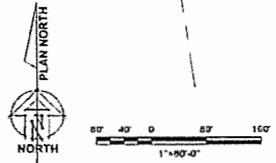
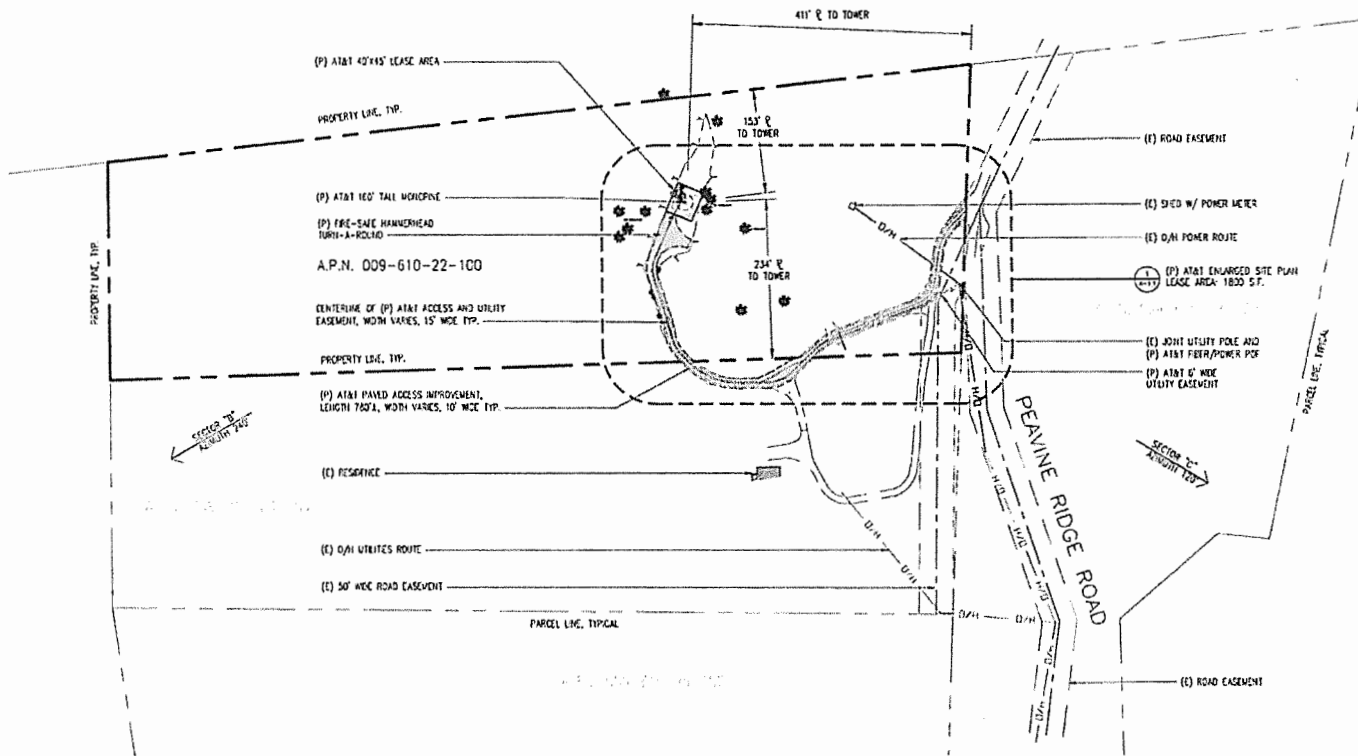
THIS IS NOT A SURVEY

ALL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED EXCEPT WHERE SHOWN OTHERWISE. THIS INFORMATION IS UNCLASSIFIED EXCEPT WHERE SHOWN OTHERWISE.

NOTES:

- NO CHANGE OR PERMANENT IMPROVEMENT SHALL BE MADE WITHOUT THE APPROVAL OF THE CITY OF SACRAMENTO.
- IF A CONSTRUCTION GENERAL CONTRACTOR IS CONTACTED TO WORK ON THE TYPICAL UNDERGROUND UTILITIES IN THE AREA OF THE SITE, THE CONTRACTOR TO CONTACT THE CITY OF SACRAMENTO.

SECTION "A"
 ALONG THE "B"



1 OVERALL SITE PLAN
 1"=80'-0"

SITE TYPE: MONOPINE/WALK IN EQUIPMENT CABINET

SHORT PLACE
 9441 PEAVINE RIDGE ROAD
 POLLOCK PINES, CA 95726

PREPARED FOR

 2400 Campus Drive, #40504
 San Ramon, California 94583

EPIC
 WIRELESS GROUP

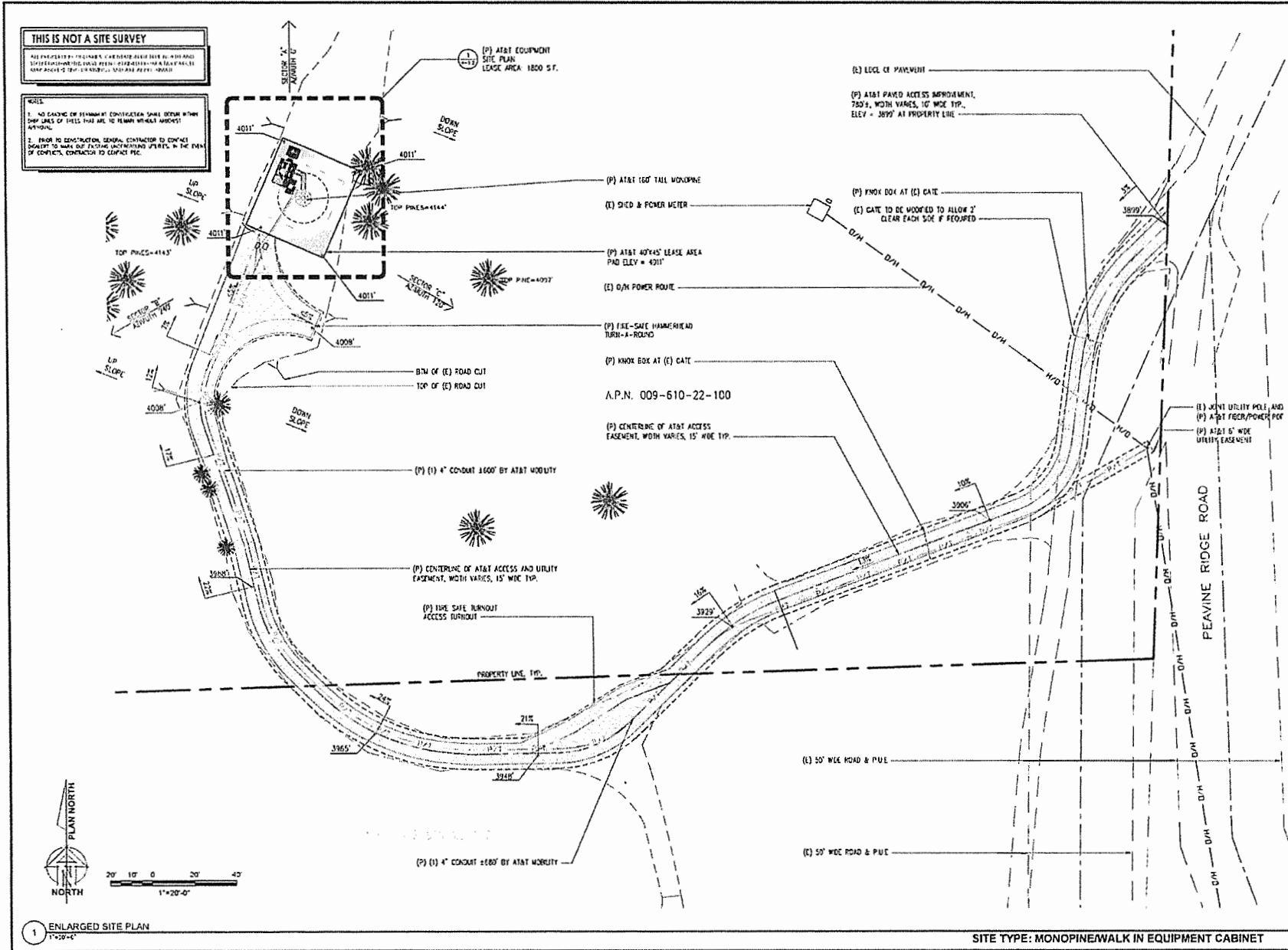
AT&T SHEET NO. CVEL03371
 PROJECT NO. 13767566
 DRAWN BY: EAC
 CHECKED BY: CES

NO.	DATE	DESCRIPTION

Engineer
ADAPTIVE RE-USE ENGINEERING
 Craig Horner, PE 84574
 3112 LEAHA WAY
 SACRAMENTO, CA 95821
 craighorner@yahoo.com

SHEET TITLE
OVERALL SITE PLAN

SHEET NUMBER
A-1



Submitted For
SHORT PLACE

9441 PEAVINE RIDGE ROAD
 POKLOCK PHES, CA 95726

PREPARED FOR

at&t
 2400 Central Expressway, 4th Floor
 San Ramon, California 94583

AT&T PROJECT NO. CS1603371
 PROJECT NO. 13797566
 DRAWN BY: EAS
 CHECKED BY: CFS

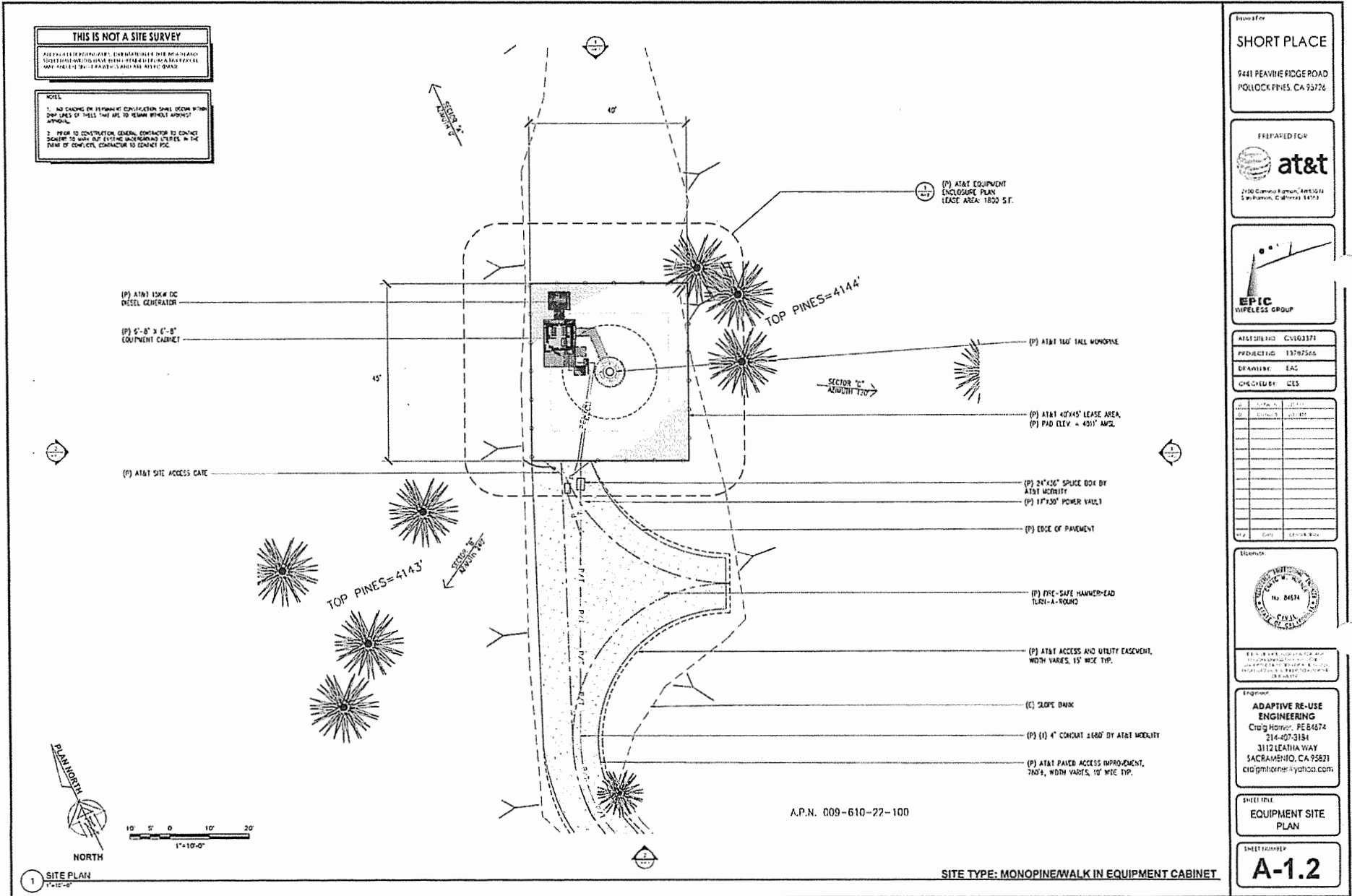
NO.	DATE	REVISION

Seal of the State of California, Professional Engineer, No. 84574

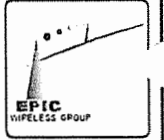
Engineer
ADAPTIVE RE-USE ENGINEERING
 Craig Honer, PE 84574
 3112 LEATHIA WAY
 SACRAMENTO, CA 95821
 craighoner@aychao.com

SHEET TITLE
ENLARGED SITE PLAN

SHEET NUMBER
A-1.1



Short for
SHORT PLACE
 9441 PEAVINE RIDGE ROAD
 POLLOCK PINES, CA 95726



AT&T SITE NO.	C5103371
PROJECT NO.	13707566
DATE	EAC
CHECKED BY	DES

NO.	DATE	DESCRIPTION

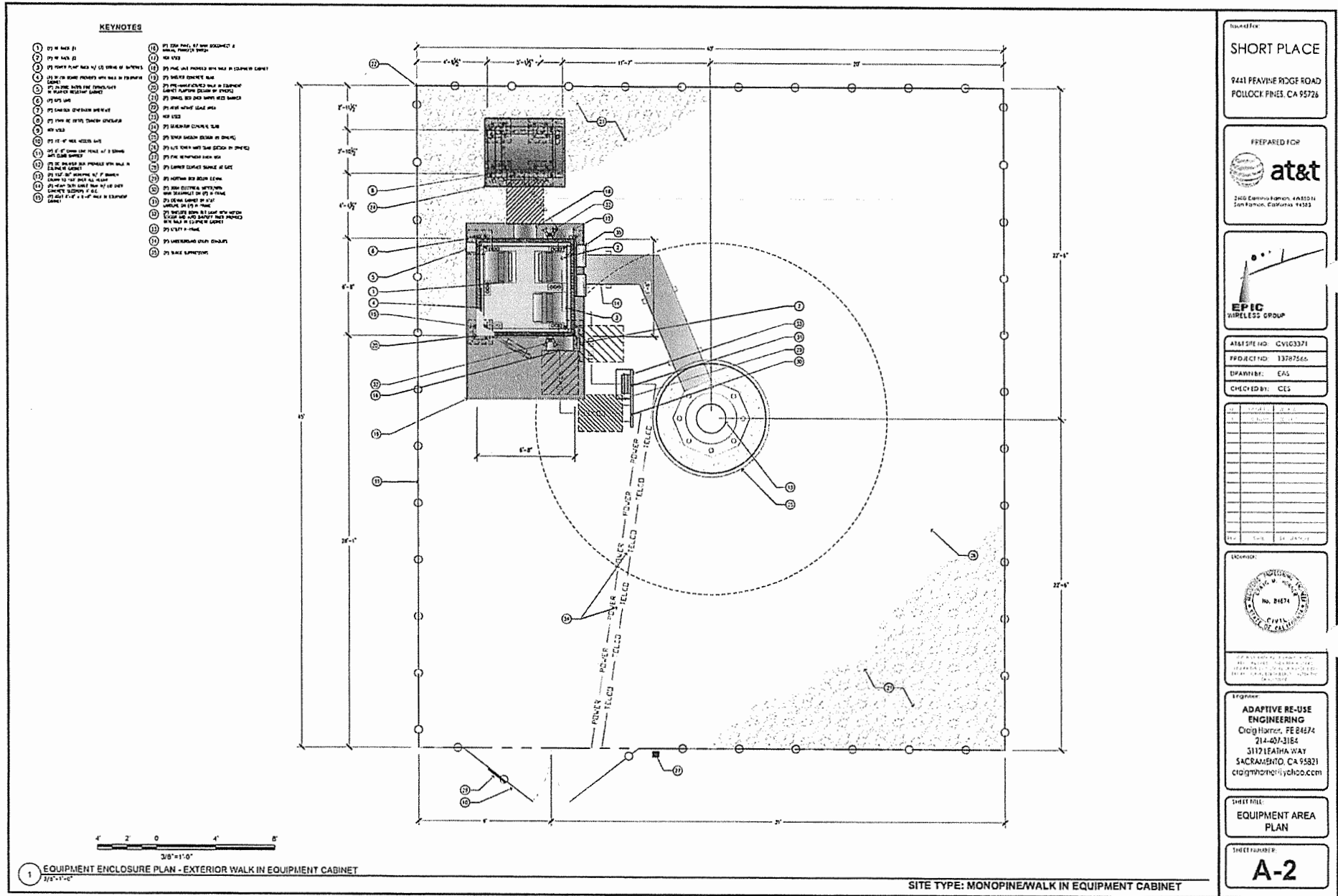


Isaac Wolf
 PROFESSIONAL ENGINEER
 No. 42874
 STATE OF CALIFORNIA

Engineer
ADAPTIVE RE-USE ENGINEERING
 Craig Hoffman, PE #4674
 214-407-3184
 3112 LEATHA WAY
 SACRAMENTO, CA 95821
 craig@home@yahoo.com

SHEET TITLE
EQUIPMENT SITE PLAN

SHEET NUMBER
A-1.2



KEYNOTES

- 1) 1/2" WALK IN
- 2) 1/2" WALK IN
- 3) 1/2" WALK IN
- 4) 1/2" WALK IN
- 5) 1/2" WALK IN
- 6) 1/2" WALK IN
- 7) 1/2" WALK IN
- 8) 1/2" WALK IN
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- 10) 1/2" WALK IN
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- 27) 1/2" WALK IN
- 28) 1/2" WALK IN
- 29) 1/2" WALK IN
- 30) 1/2" WALK IN

SHORT PLACE
9441 PEAVINE RIDGE ROAD
FOLLOCK PINES, CA 95726

PREPARED FOR
at&t
2425 California Avenue, Suite 111
San Francisco, California 94115

EPIC
WIRELESS GROUP

AT&T SITE NO: CV103371
PROJECT NO: 13787566
DRAWN BY: CAS
CHECKED BY: CES

LICENSOR:

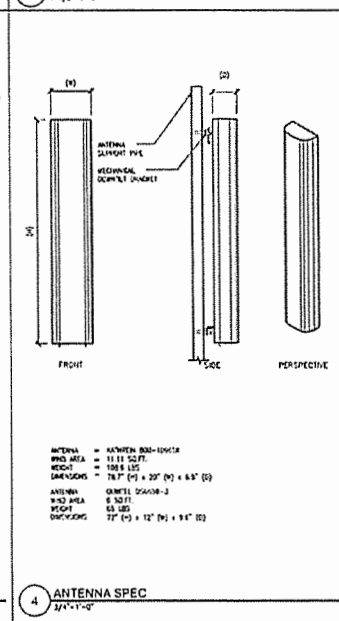
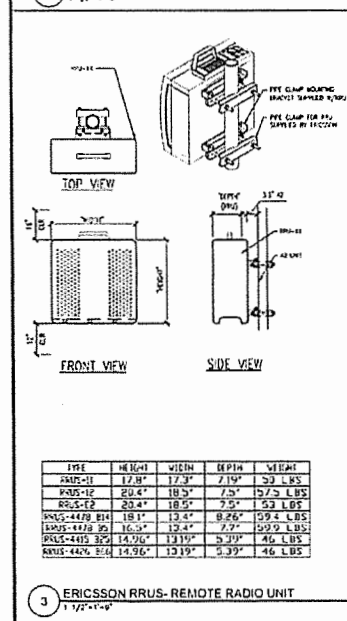
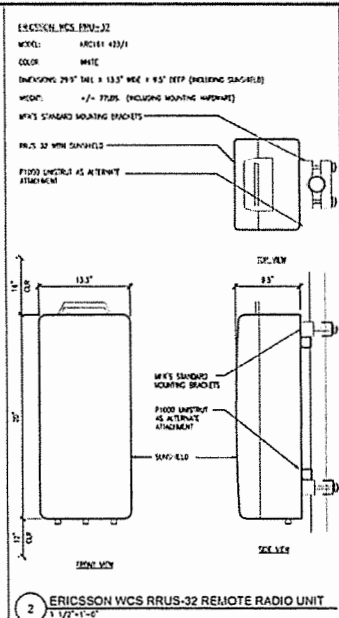
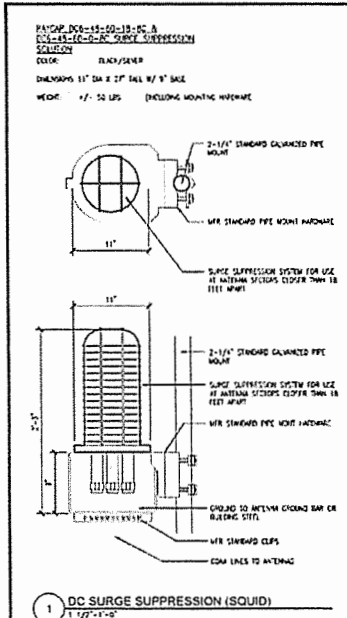
Engineer:
ADAPTIVE RE-USE ENGINEERING
Craig Horner, FE 84674
714-407-3184
3117 LEATHA WAY
SACRAMENTO, CA 95821
craighorner@aychco.com

SHEET TITLE:
EQUIPMENT AREA PLAN

SHEET NUMBER:
A-2

1 EQUIPMENT ENCLOSURE PLAN - EXTERIOR WALK IN EQUIPMENT CABINET
3/8" = 1'-0"

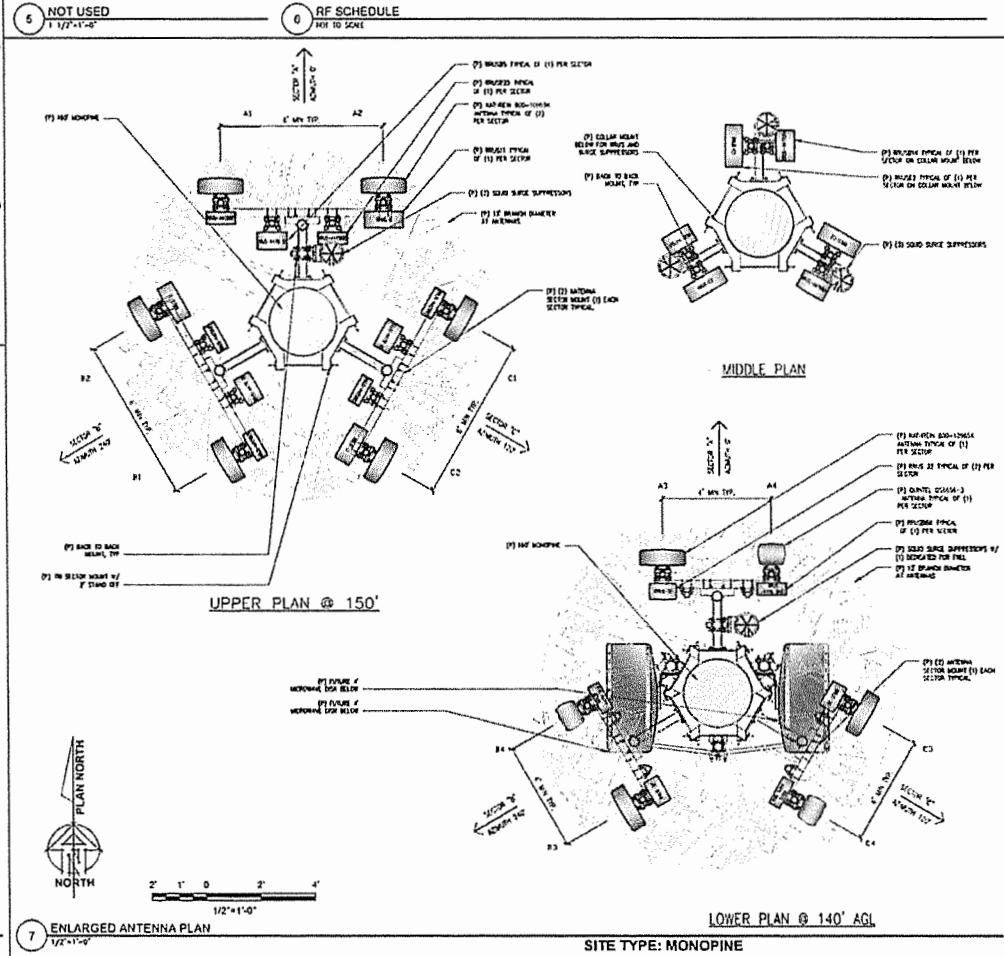
SITE TYPE: MONOPINE/WALK IN EQUIPMENT CABINET



RF SCHEDULE

SECTOR	ANTENNA MODEL	ITEM ELEMENT	AZIMUTH	ELEVATION	WIND	DIPOLE LEN	FEED LENGTH	STATE LENGTH	FIBER REF
A1	800-10954	PER/ARR/PCS	0°	150°-0'	03 4428 314 03 4428 846	N/A	1.102'	1 N/A	TRUNK 1
A2	800-10954	PER/ARR/PCS	0°	150°-0'	03 4428 314 03 4428 846	N/A	1.102'	1 N/A	TRUNK 1 & 2
A3	800-10954	PER/ARR/PCS	0°	150°-0'	03 4428 314 03 4428 846	N/A	1.172'	1 N/A	TRUNK 1
A4	254426-3	FULL	0°	145°-0'	03 4428 314	N/A	1.172'	1 N/A	TRUNK 3
B1	800-10954	PER/ARR/PCS	240°	150°-0'	03 4428 314 03 4428 846	N/A	1.102'	1 N/A	TRUNK 3 & 2
B2	800-10954	PER/ARR/PCS	240°	150°-0'	03 4428 314 03 4428 846	N/A	1.102'	1 N/A	TRUNK 3 & 2
B3	800-10954	PER/ARR/PCS	240°	150°-0'	03 4428 314 03 4428 846	N/A	1.172'	1 N/A	TRUNK 3 & 2
B4	254426-3	FULL	240°	145°-0'	03 4428 314	N/A	1.172'	1 N/A	TRUNK 3
C1	800-10954	PER/ARR/PCS	120°	150°-0'	03 4428 314 03 4428 846	N/A	1.102'	1 N/A	TRUNK 4
C2	800-10954	PER/ARR/PCS	120°	150°-0'	03 4428 314 03 4428 846	N/A	1.102'	1 N/A	TRUNK 4 & 2
C3	800-10954	PER/ARR/PCS	120°	150°-0'	03 4428 314 03 4428 846	N/A	1.172'	1 N/A	TRUNK 4
C4	254426-3	FULL	120°	145°-0'	03 4428 314	N/A	1.172'	1 N/A	TRUNK 5

RF DATA SHEET V0101 DATED 05/22/10/17
 124 PROJECT BRGS



Issued for
SHORT PLACE
 9441 PEAVINE RIDGE ROAD
 POLLOCK PINES, CA 95726

PREPARED FOR

 2400 Camino Ramon, #402016
 San Ramon, California 94583

EPIC WIRELESS GROUP

AT&T ID: CV00371
 PROJECT ID: 13787516
 DRAWING: EAS
 CHECKED BY: CES

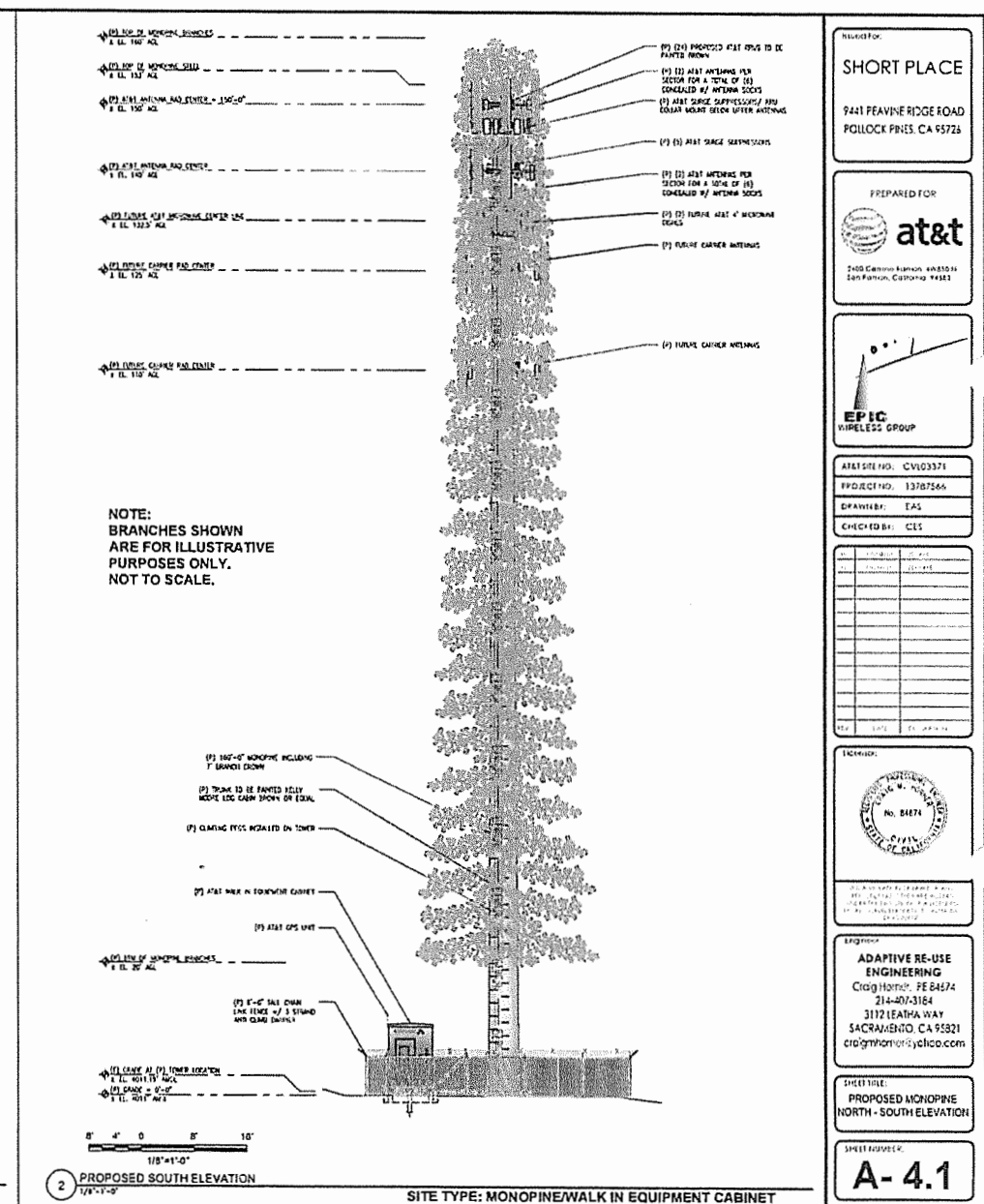
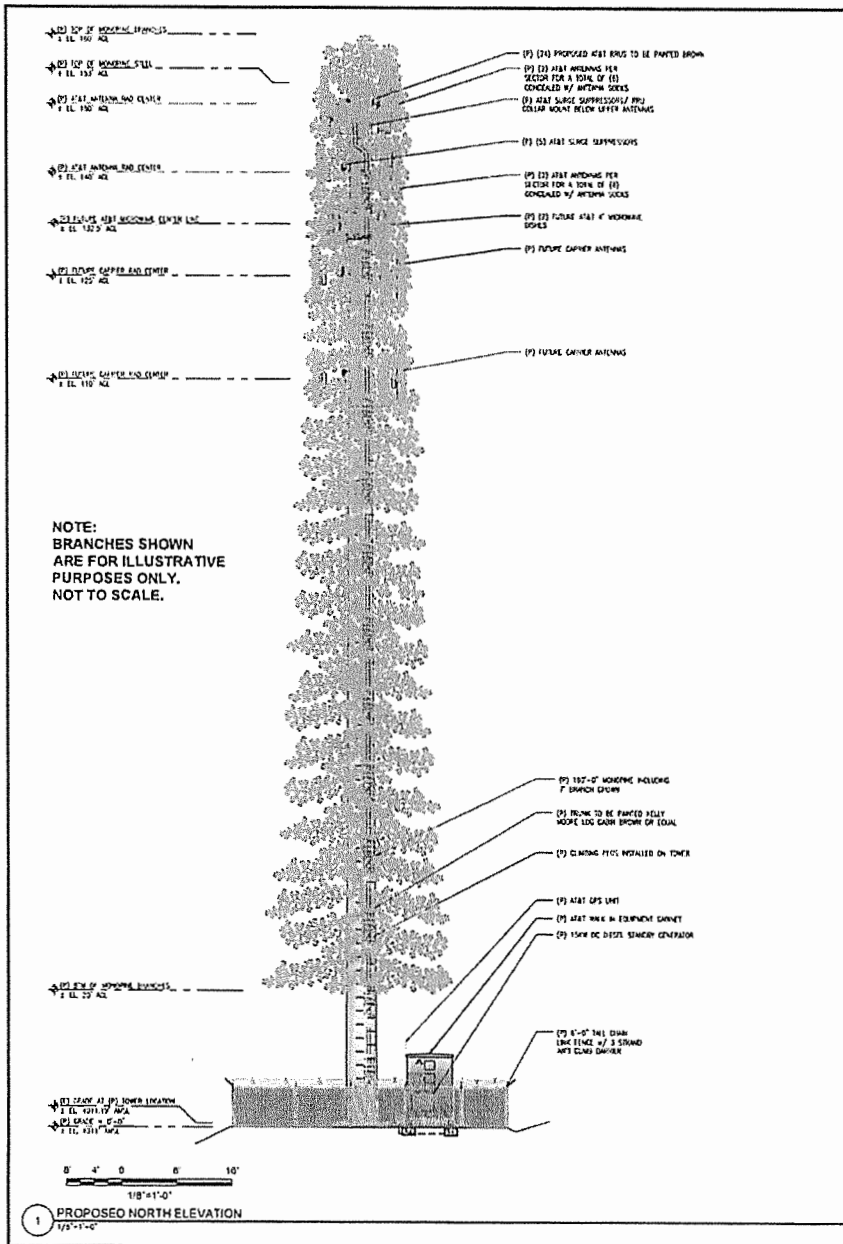
EXCISE:

 NO. 84874
 DEPT. OF INDUSTRIAL RELATIONS
 STATE OF CALIFORNIA

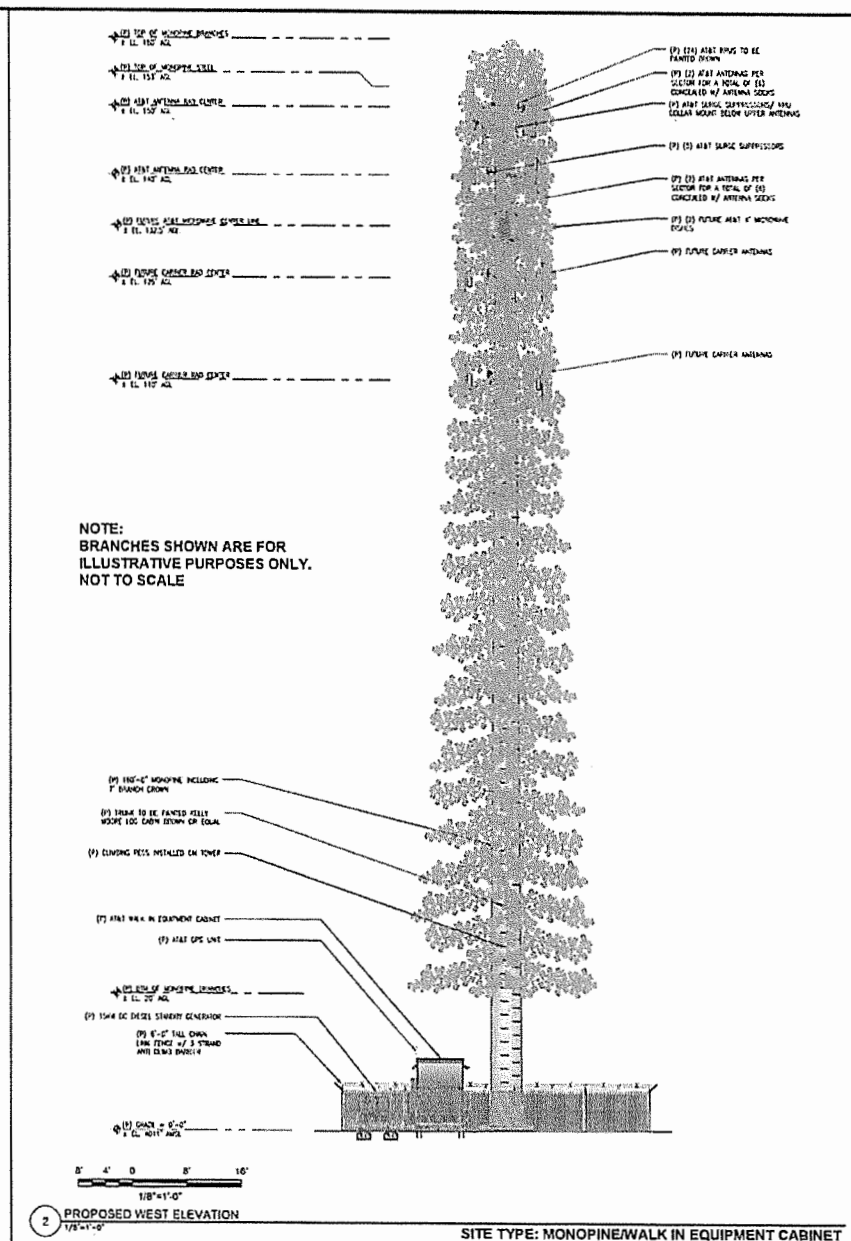
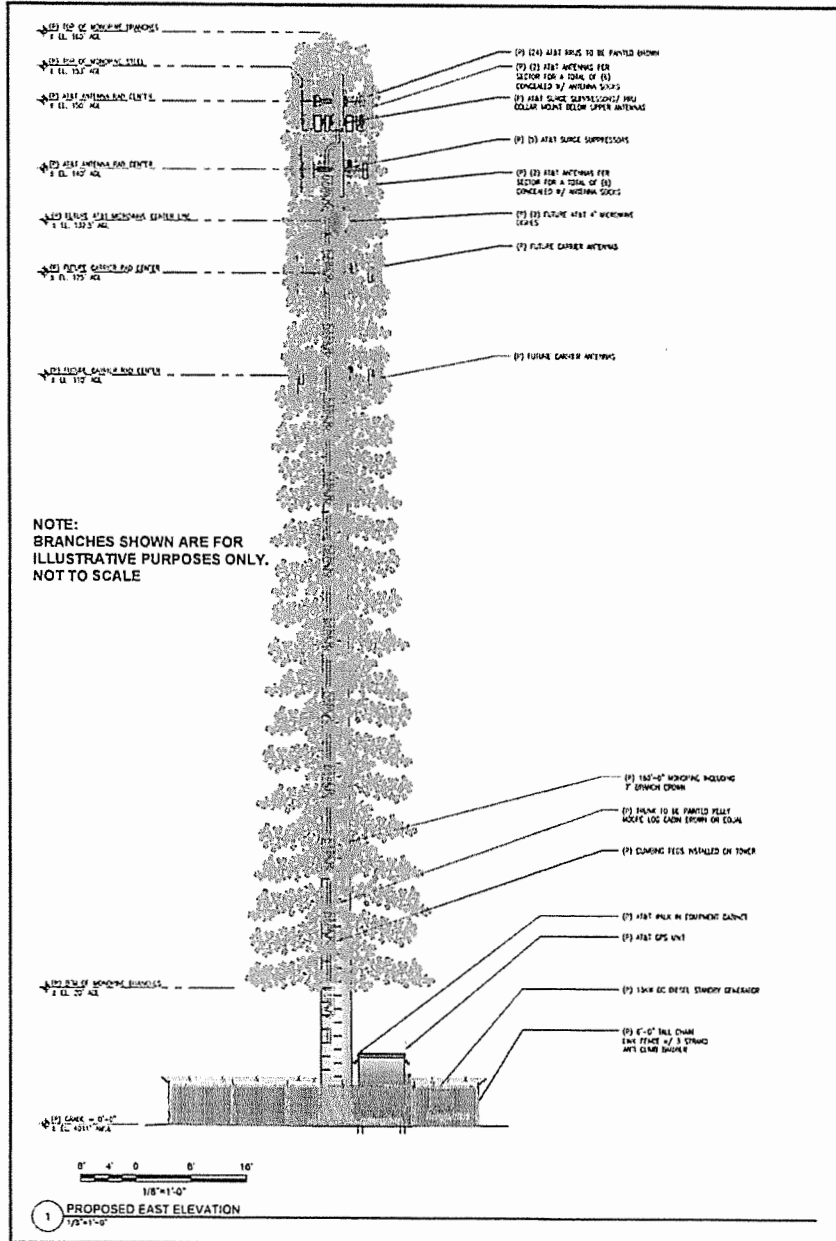
REGISTERED:
ADAPTIVE RE-USE ENGINEERING
 Craig Horvath, PE 84174
 214-407-3184
 3112 LEATHA WAY
 SACRAMENTO, CA 95821
 craighorvath@yahoo.com

SHEET TITLE:
ANTENNA PLAN & DETAILS

SHEET NUMBER:
A-3



<p>PROJECT FOR:</p> <p>SHORT PLACE</p> <p>7441 PEAVINE RIDGE ROAD POLLOCK PINES, CA 95726</p>
<p>PREPARED FOR:</p> <p>at&t</p> <p>2400 Camino Real, #63014 San Francisco, California 94115</p>
<p>EPIC WIRELESS GROUP</p>
<p>AT&T SITE NO.: CV103371</p> <p>PROJECT NO.: 13787566</p> <p>DRAWN BY: EAS</p> <p>CHECKED BY: CES</p>
<p>DATE: 07/02/2018</p> <p>TIME: 10:00 AM</p> <p>SCALE: 1/8"=1'-0"</p>
<p>EXCHANGES:</p> <p>NO. 84874</p> <p>1. ADAPTIVE RE-USE ENGINEERING - PRELIMINARY DESIGN - 7/2/18</p> <p>2. ADAPTIVE RE-USE ENGINEERING - PRELIMINARY DESIGN - 7/2/18</p>
<p>ENGINEER:</p> <p>ADAPTIVE RE-USE ENGINEERING Craig Harris - FE 84874 3112 LEATHA WAY SACRAMENTO, CA 95821 craigm@adaptive-re-use.com</p>
<p>SHEET TITLE:</p> <p>PROPOSED MONOPINE NORTH - SOUTH ELEVATION</p>
<p>SHEET NUMBER:</p> <p>A- 4.1</p>



Location:
SHORT PLACE
9441 PEAVINE RIDGE ROAD
POLLOCK PINES CA 95726

PREPARED FOR:

2405 Central Expressway, Suite 100
San Ramon, California 94583

WIRELESS GROUP

AT&T SHEET NO. CV102371
PROJECT NO. 13767566
DRAWN BY: EAS
CHECKED BY: CES

NO.	DATE	BY	DESCRIPTION

ENGINEER:

ISAC WOLF
1000 UNIVERSITY AVENUE, SUITE 100
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916-442-1111
WWW.ISACWOLF.COM

ENGINEER:
ADAPTIVE RE-USE ENGINEERING
Craig Thomas, PE 214-407-3184
3112 LEAHUA WAY
SACRAMENTO, CA 95821
craigthomas@yahoo.com

SHEET TITLE:
PROPOSED MONOPINE
WEST - EAST ELEVATION

SHEET NUMBER:
A- 4.2

SITE TYPE: MONOPINE/WALK IN EQUIPMENT CABINET