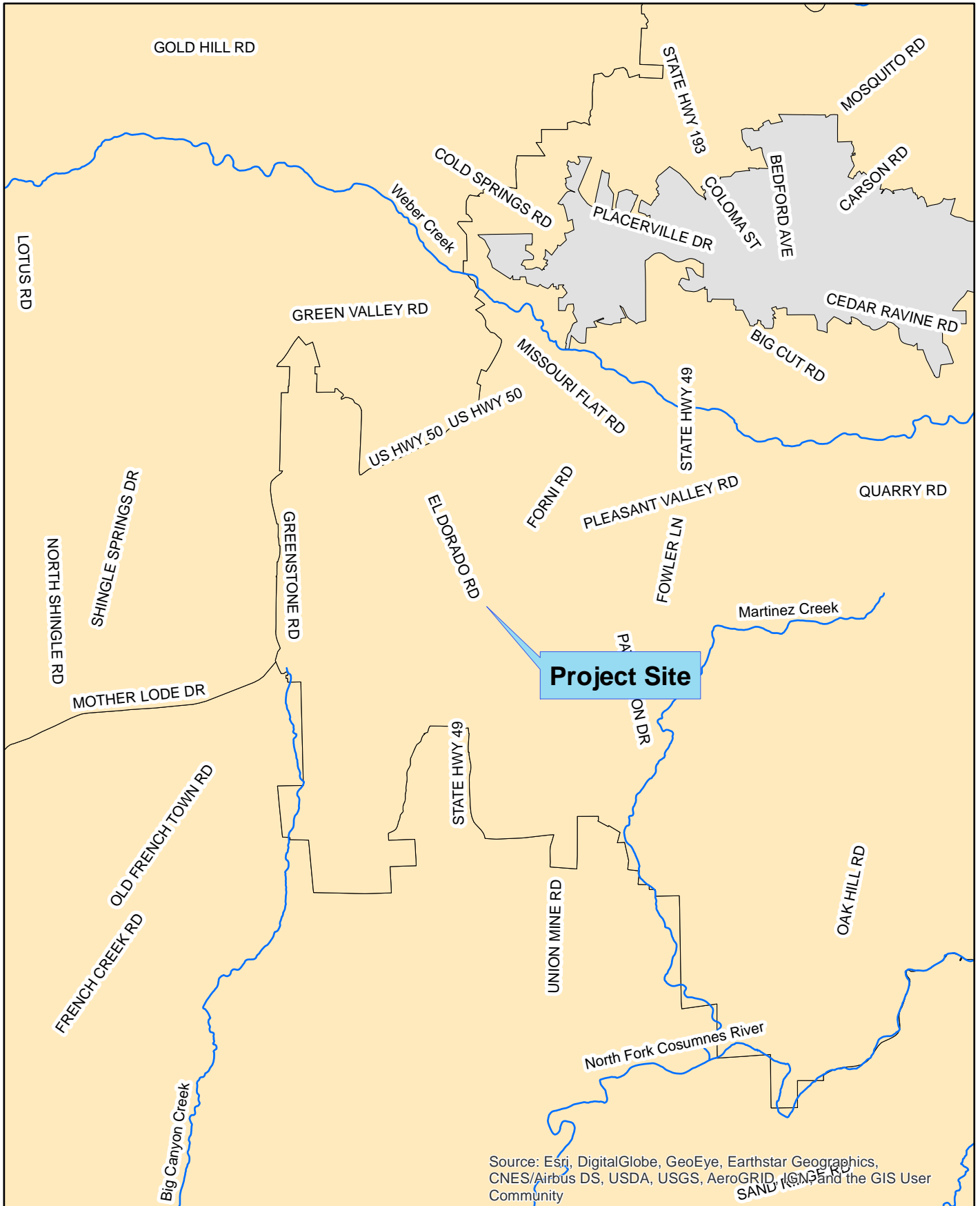
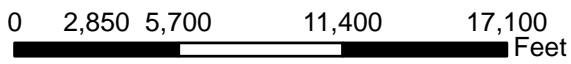


Exhibit A: Vicinity Map



Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community



Scale 1:2500

Project CUP19-0012
AT&T Slate/Wireless Monopine Tower
APNs 331-131-012

Map prepared on
April 27, 2020

Exhibit B: Location Map



Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community



0 87.5 175 350 525 Feet

Scale 1:2500

Project CUP19-0012
AT&T Slate/Wireless Monopine Tower
APNs 331-131-012

Map prepared on
April 27, 2020

Exhibit C: Site Area



0 87.5 175 350 525 Feet

Scale 1:2500

Project CUP19-0012
AT&T Slate/Wireless Monopine Tower
APNs 331-131-012

Map prepared on
April 27, 2020

Assessor's Map



First American

Exhibit D: Assessor's Parcel Map

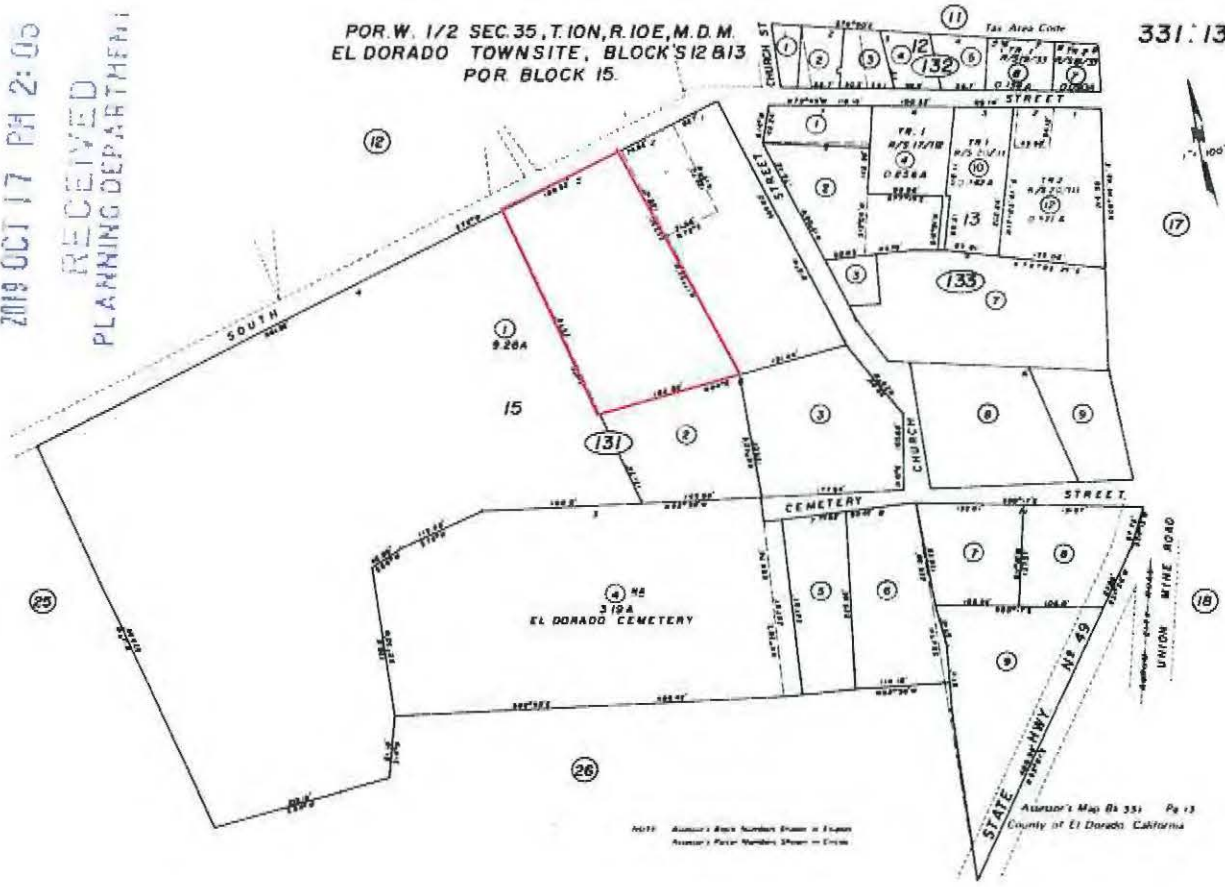
myFirstAm® Tax Map

, El Dorado, CA 95623

2019 OCT 17 PM 2:05
RECEIVED
PLANNING DEPARTMENT

POR. W. 1/2 SEC. 35, T. 10N, R. 10E, M. D. M.
EL DORADO TOWNSHIP, BLOCKS 12 & 13
POR. BLOCK 15.

Tax Area Code 331.13



NOTE: Assessor's Block Numbers Shown in 4 Corners
Assessor's Parcel Numbers Shown in Circles

Assessor's Map 04 351 Pg 13
County of El Dorado California

Limitation of Liability for Informational Report

IMPORTANT – READ CAREFULLY: THIS REPORT IS NOT AN INSURED PRODUCT OR SERVICE OR A REPRESENTATION OF THE CONDITION OF TITLE TO REAL PROPERTY. IT IS NOT AN ABSTRACT, LEGAL OPINION, OPINION OF TITLE, TITLE INSURANCE COMMITMENT OR PRELIMINARY REPORT, OR ANY FORM OF TITLE INSURANCE OR GUARANTY. THIS REPORT IS ISSUED EXCLUSIVELY FOR THE BENEFIT OF THE APPLICANT THEREFOR, AND MAY NOT BE USED OR RELIED UPON BY ANY OTHER PERSON. THIS REPORT MAY NOT BE REPRODUCED IN ANY MANNER WITHOUT FIRST AMERICAN'S PRIOR WRITTEN CONSENT. FIRST AMERICAN DOES NOT REPRESENT OR WARRANT THAT THE INFORMATION HEREIN IS COMPLETE OR FREE FROM ERROR, AND THE INFORMATION HEREIN IS PROVIDED WITHOUT ANY WARRANTIES OF ANY KIND, AS-IS, AND WITH ALL FAULTS. AS A MATERIAL PART OF THE CONSIDERATION GIVEN IN EXCHANGE FOR THE ISSUANCE OF THIS REPORT, RECIPIENT AGREES THAT FIRST AMERICAN'S SOLE LIABILITY FOR ANY LOSS OR DAMAGE CAUSED BY AN ERROR OR OMISSION DUE TO INACCURATE INFORMATION OR NEGLIGENCE IN PREPARING THIS REPORT SHALL BE LIMITED TO THE FEE CHARGED FOR THE REPORT. RECIPIENT ACCEPTS THIS REPORT WITH THIS LIMITATION AND AGREES THAT FIRST AMERICAN WOULD NOT HAVE ISSUED THIS REPORT BUT FOR THE LIMITATION OF LIABILITY DESCRIBED ABOVE. FIRST AMERICAN MAKES NO REPRESENTATION OR WARRANTY AS TO THE LEGALITY OR PROPRIETY OF RECIPIENT'S USE OF THE INFORMATION HEREIN.

Tax Map

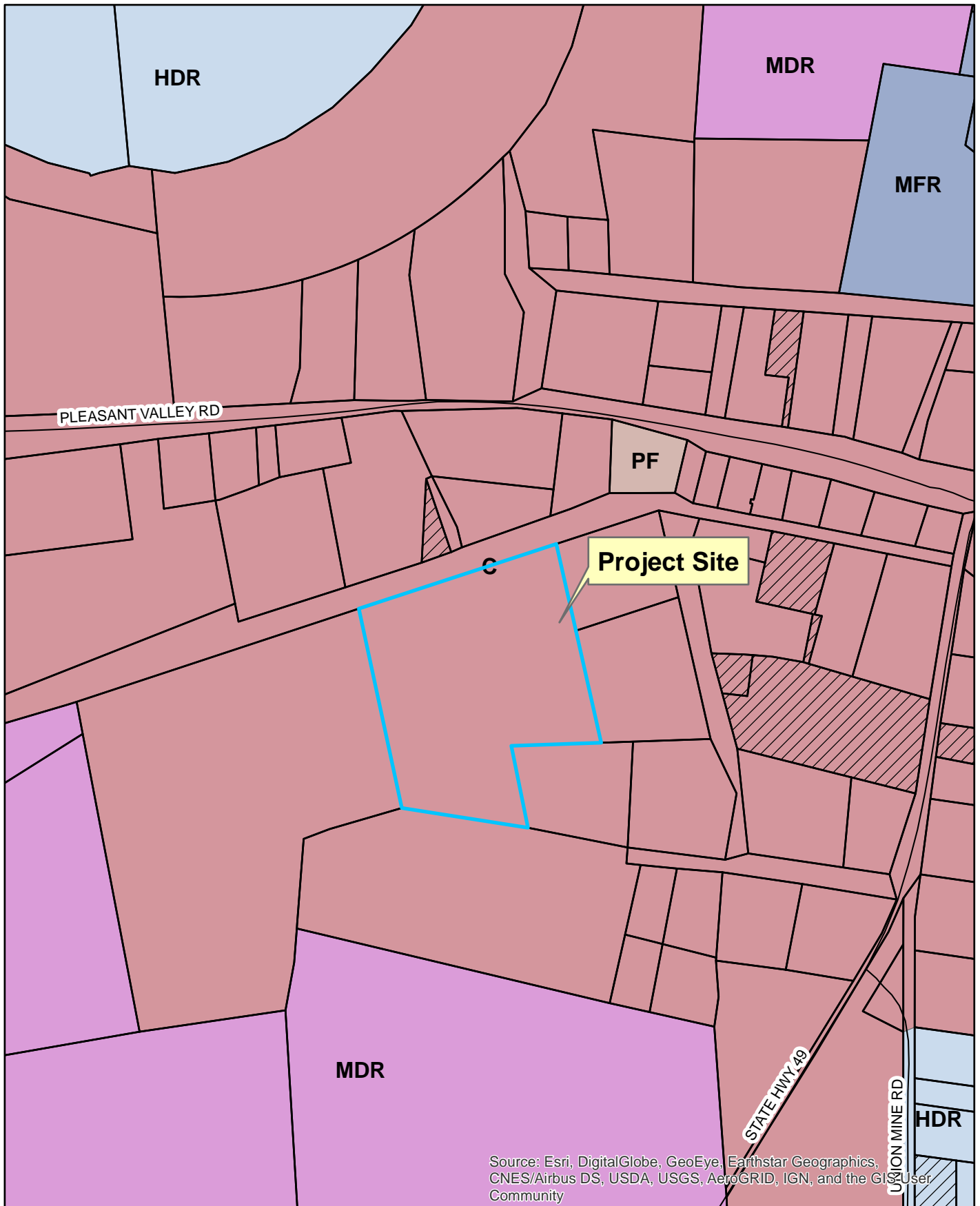
, El Dorado, CA 95623

10/14/2019

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CUP19-0012

Exhibit E: General Plan Map



Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

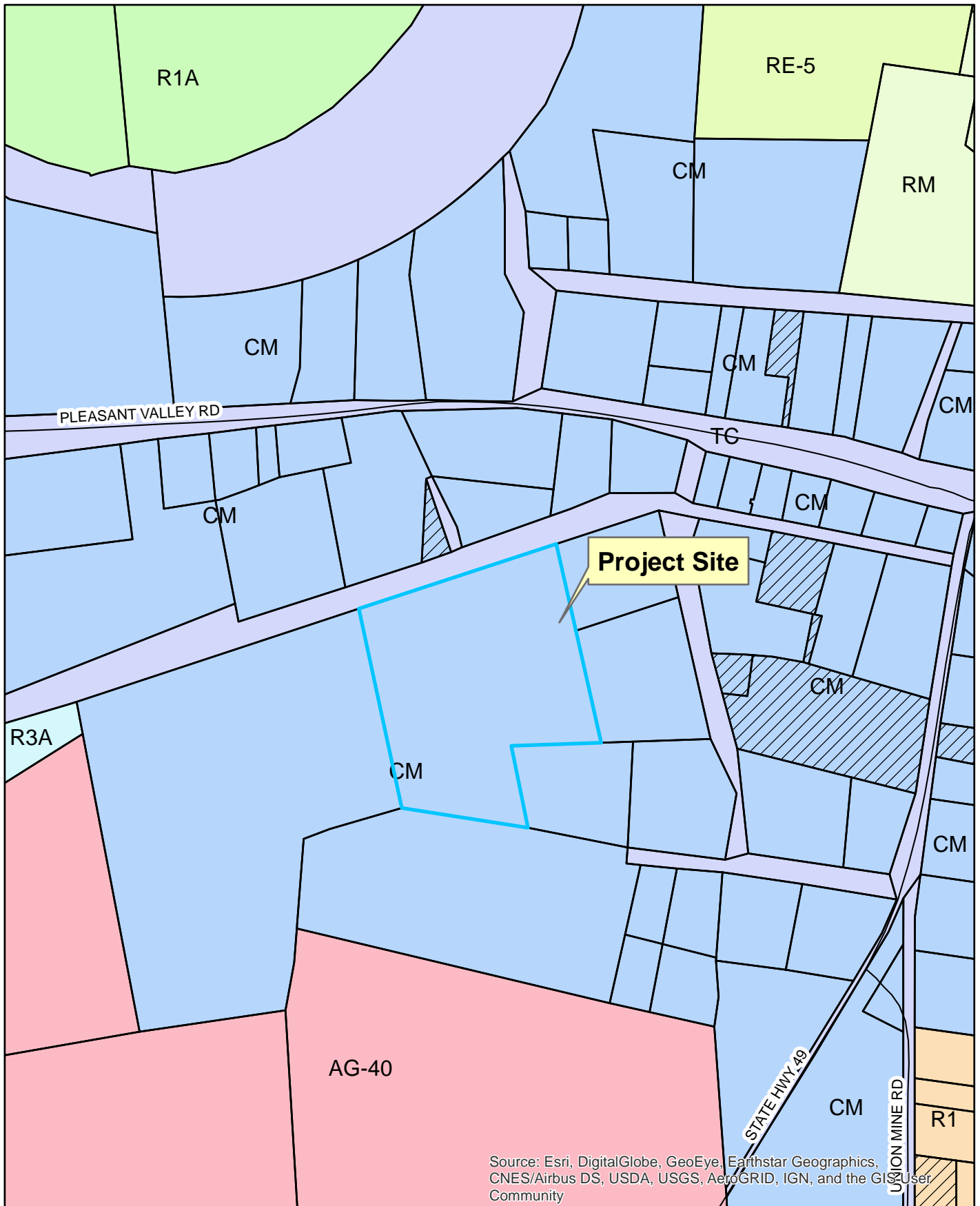
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Scale 1:2500

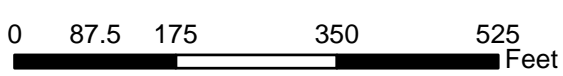
Project CUP19-0012
AT&T Slate/Wireless Monopine Tower
APNs 331-131-012

Map prepared on
April 27, 2020

Exhibit F: Zoning Map



Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community



Scale 1:2500

Project CUP19-0012
AT&T Slate/Wireless Monopine Tower
APNs 331-131-012

Map prepared on
April 27, 2020

Exhibit G: Site Plans



at&t

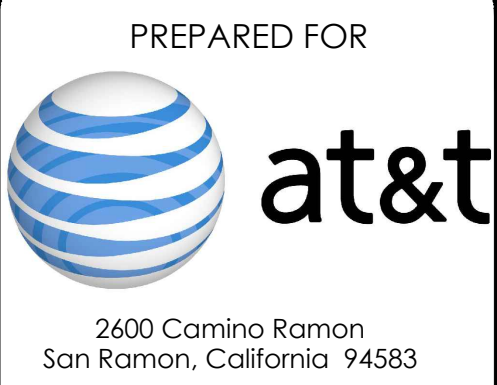
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USID#: 254987

SITE NUMBER: CVL04030
SITE NAME: SLATE - EHRLICH

PLEASANT VALLEY ROAD & HWY 49
EL DORADO, CA 95623
JURISDICTION: EL DORADO COUNTY
APN: 331-131-012-000

**SITE TYPE: PREMANUFACTURED WALK-IN
CABINET / MONOPINE**

Issued For:
CVL04030
SLATE -
EHRLICH
PLEASANT VALLEY ROAD &
HWY 49
EL DORADO, CA 95623



Vendor:
AT&T SITE NO: CVL04030
PROJECT NO: 219.0070
DRAWN BY: TLS
CHECKED BY: SV

REV	DATE	DESCRIPTION
	07/11/19	100% ZD
	06/20/19	90% ZD

Licensee:

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, TO ALTER THIS DOCUMENT.



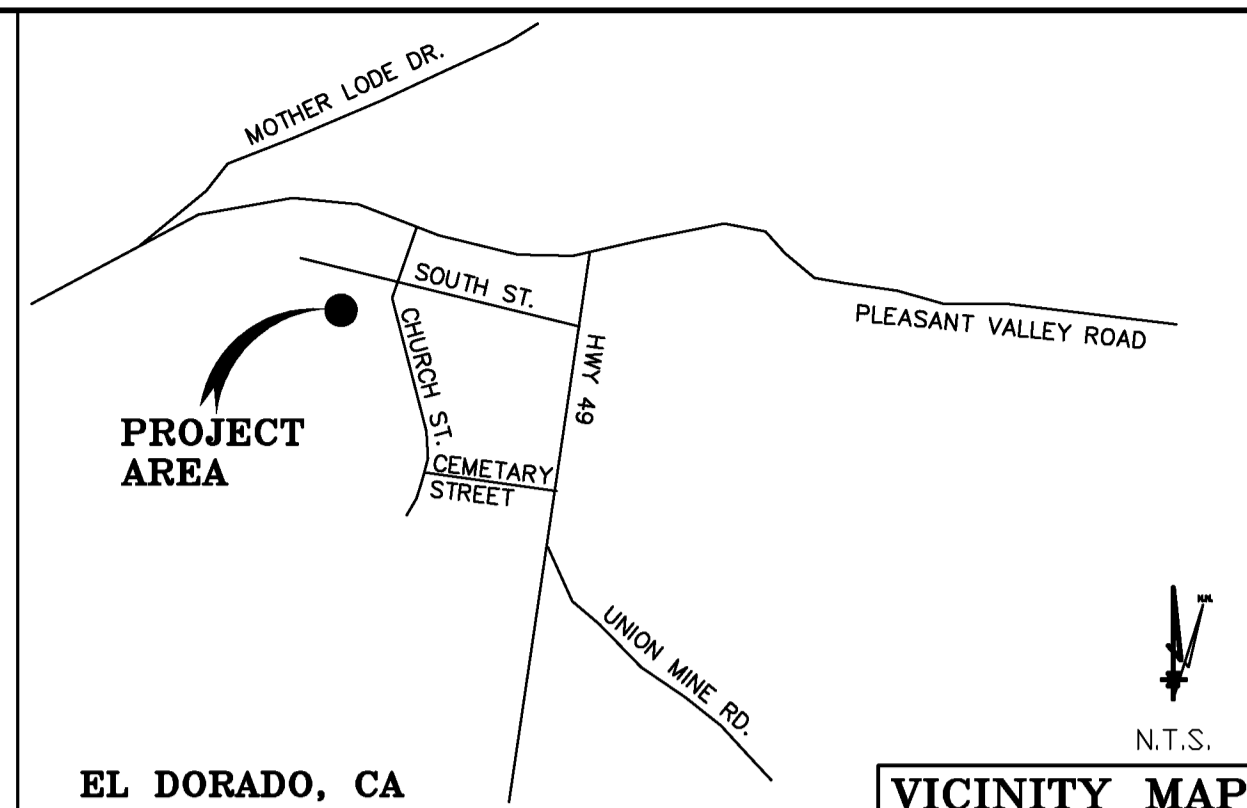
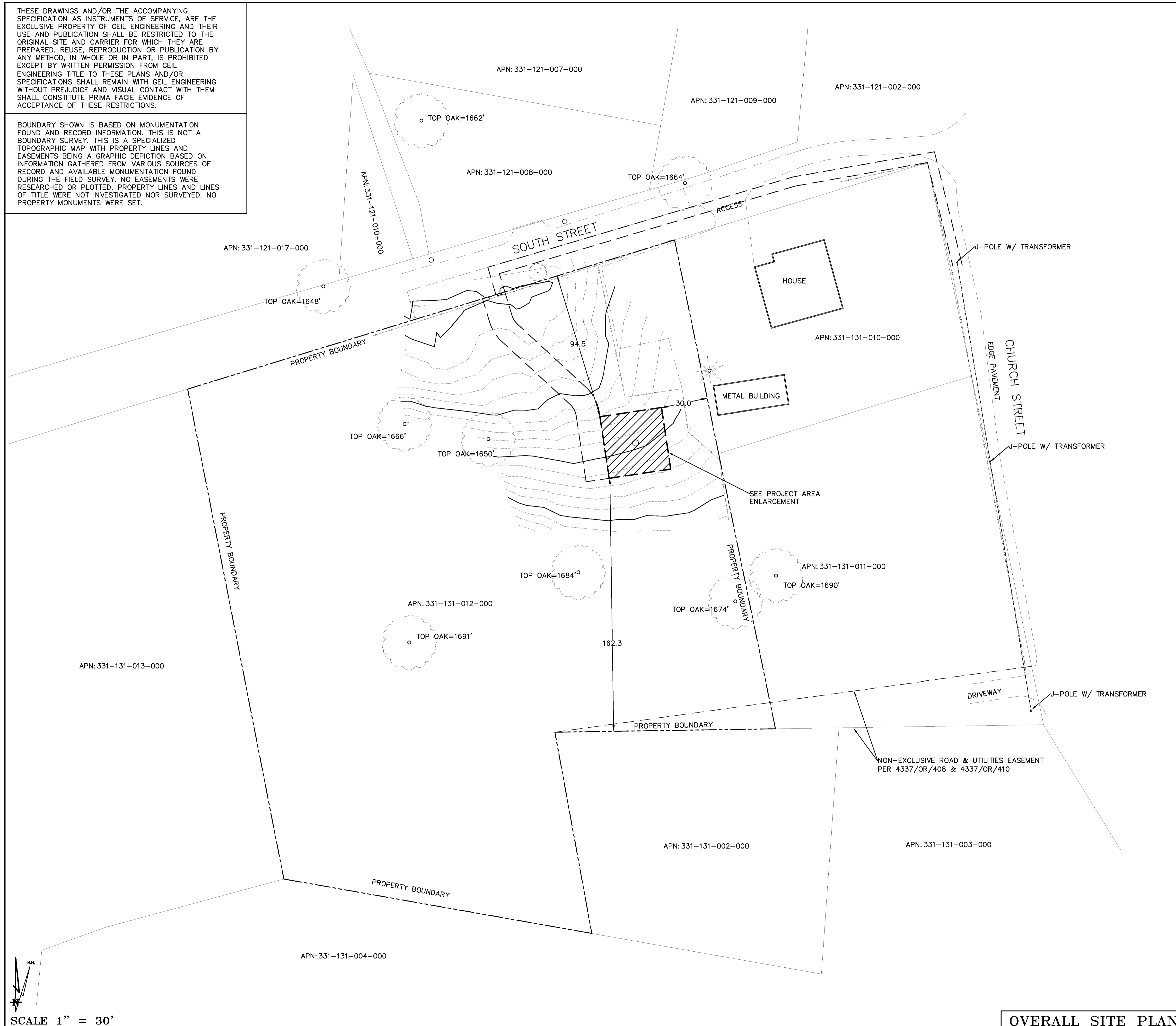
SHEET TITLE:
TITLE SHEET

SHEET NUMBER:
T-1

PROJECT DESCRIPTION	PROJECT INFORMATION	PROJECT TEAM	SHEET INDEX	REV																												
<p>NEW SITE BUILD UNMANNED TELECOMMUNICATIONS FACILITY.</p> <ol style="list-style-type: none"> BRING POWER / TELCO / FIBER TO SITE LOCATION. INSTALL AT&T APPROVED PREMANUFACTURED WALK-IN CABINET AND ASSOCIATED INTERIOR EQUIPMENT. ADD STANDBY GENERATOR WITH FUEL TANK. PROPOSED AT&T MONOPINE WITH ANTENNAS & ASSOCIATED TOWER-MOUNTED EQUIPMENT. PROPOSED AT&T GPS ANTENNA. 	<p>PROPERTY INFORMATION:</p> <p>SITE NAME: SLATE - EHRLICH</p> <p>SITE NUMBER: CVL04030</p> <p>SITE ADDRESS: PLEASANT VALLEY ROAD & HWY 49 EL DORADO, CA 95623</p> <p>A.P.N. NUMBER: 331-131-012-000</p> <p>CURRENT ZONING: CM</p> <p>JURISDICTION: EL DORADO COUNTY</p> <p>LATITUDE: N38° 40' 54.00" NAD 83</p> <p>LONGITUDE: W120° 50' 57.92" NAD 83</p> <p>GROUND ELEVATION: 1605.0 FT. AMSL</p> <p>PROPERTY OWNER: NANCY M. EHRLICH SOLE TRUSTEE 4450 RUFFY LANE EL DORADO, CA 95623</p>	<p>APPLICANT / LESSEE: AT&T 2600 CAMINO RAMON SAN RAMON, CA 94583</p> <p>CONSTRUCTION MANGER: BECHTEL 2603 CAMINO RAMON SUITE 200 #149 SAN RAMON, CA 94583 CONTACT: KEITH CONNER EMAIL: gkconner@bechtel.com PH: (480) 306-3801</p> <p>RF ENGINEER: AT&T 5555 E. OLIVE AVENUE FRESNO, CA. 93727 CONTACT: JAMES TEMPLE EMAIL: jt789y@att.com</p> <p>SURVEYOR: GEIL ENGINEERING 1226 HIGH STREET AUBURN, CA 95603 CONTACT: KENNETH GEIL PH: (530) 885-0426</p> <p>ARCHITECT / ENGINEER: MST ARCHITECTS INC. 1520 RIVER PARK DRIVE SACRAMENTO, CA 95815 CONTACT: MANUEL S. TSIHLAS EMAIL: manuel@mstarchitects.com PH: (916) 567-9630</p> <p>SITE AQUISITION: EPIC WIRELESS 605 COOLIDGE DRIVE, SUITE 100 CONTACT: KEVIN BRENNAN EMAIL: kevin.brennan@epicwireless.net PH: (926) 747-9189</p> <p>ZONING MANAGER: EPIC WIRELESS 605 COOLIDGE DRIVE, SUITE 100 CONTACT: KEVIN BRENNAN EMAIL: kevin.brennan@epicwireless.net PH: (916) 747-9189</p>	<ol style="list-style-type: none"> T-1 TITLE SHEET GN-1 GENERAL NOTES, ABBREVIATIONS, & LEGEND C-1 PLOT PLAN AND SITE TOPOGRAPHY C-2 PLOT PLAN AND SITE TOPOGRAPHY A-1 OVERALL SITE PLAN A-1.1 ENLARGED SITE PLAN A-2 EQUIPMENT AREA PLAN A-3 ANTENNA PLAN, SCHEDULE, & DETAILS A-3.1 RRH DETAILS A-4.1 PROPOSED ELEVATIONS A-4.2 PROPOSED ELEVATIONS 	<p>#</p> <p>#</p> <p>#</p> <p>#</p> <p>#</p> <p>#</p> <p>#</p> <p>#</p> <p>#</p> <p>#</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 CONSTRUED TO PERMIT WORK NOT CONFORMING TO THESE CODES.</p> <ol style="list-style-type: none"> 2016 CALIFORNIA ADMINISTRATIVE CODE, CHAPTER 10, PART 1, TITLE 24 CODE OF REGULATIONS 2016 CALIFORNIA BUILDING CODE (CBC) WITH CALIFORNIA AMENDMENTS, BASED ON THE 2015 IBC (PART 2, VOL 1-2) 2016 CALIFORNIA RESIDENTIAL CODE (CRC) WITH APPENDIX H, PATIO COVERS, BASED ON THE 2015 IRC (PART 2.5) 2016 CALIFORNIA GREEN BUILDINGS STANDARDS CODE (CALGREEN) (PART 11) (AFFECTED ENERGY PROVISIONS ONLY) 2016 CALIFORNIA FIRE CODE (CFC), BASED ON THE 2015 IFC, WITH CALIFORNIA AMENDMENTS (PART 9) 2016 CALIFORNIA MECHANICAL CODE (CMC), BASED ON THE 2015 UMC (PART 4) 2016 CALIFORNIA PLUMBING CODE (CPC), BASED ON THE 2015 UPC (PART 5) 2016 CALIFORNIA ELECTRICAL CODE (CEC) WITH CALIFORNIA AMENDMENTS, BASED ON THE 2015 NEC (PART 3) 2016 CALIFORNIA ENERGY CODE (CEC) ANSI / EIA-TIA-222-G 2015 NFPA 101, LIFE SAFETY CODE 2016 NFPA 72, NATIONAL FIRE ALARM CODE 2016 NFPA 13, FIRE SPRINKLER CODE 	<p>VICINITY MAP</p>	<p>DIRECTIONS FROM AT&T</p> <p>DIRECTIONS FROM AT&T'S OFFICE AT 2600 CAMINO RAMON, SAN RAMON, CA</p> <ol style="list-style-type: none"> MERGE ONTO I-680 NORTH CONTINUE ON I-680 NORTH TAKE EXIT 71A ONTO I-80 EAST CONTINUE ON I-80 EAST CONTINUE ONTO US-50 EAST TAKE EXIT 37 ONTO MOTHER LODGE DRIVE CONTINUE ON PLEASANT VALLEY ROAD TURN RIGHT ONTO CHURCH STREET TURN RIGHT ONTO SOUTH STREET TURN LEFT ONTO SITE ACCESS ROAD, SITE WILL BE ON THE LEFT 	<p>APPROVALS</p> <table border="1"> <thead> <tr> <th>APPROVED BY:</th> <th>INITIALS:</th> <th>DATE:</th> </tr> </thead> <tbody> <tr> <td>AT&T:</td> <td></td> <td></td> </tr> <tr> <td>VENDOR:</td> <td></td> <td></td> </tr> <tr> <td>R.F.:</td> <td></td> <td></td> </tr> <tr> <td>LEASING / LANDLORD:</td> <td></td> <td></td> </tr> <tr> <td>ZONING:</td> <td></td> <td></td> </tr> <tr> <td>CONSTRUCTION:</td> <td></td> <td></td> </tr> <tr> <td>POWER / TELCO:</td> <td></td> <td></td> </tr> <tr> <td>PG&E:</td> <td></td> <td></td> </tr> </tbody> </table>	APPROVED BY:	INITIALS:	DATE:	AT&T:			VENDOR:			R.F.:			LEASING / LANDLORD:			ZONING:			CONSTRUCTION:			POWER / TELCO:			PG&E:			<p>GENERAL CONTRACTOR NOTES</p> <p>DO NOT SCALE DRAWINGS</p> <p>THESE DRAWINGS ARE FORMATTED TO BE FULL SIZE AT 24" x 36". CONTRACTOR SHALL VERIFY ALL PLANS AND EXISTING DIMENSIONS AND CONDITIONS ON THE JOBSITE AND SHALL IMMEDIATELY NOTIFY THE ARCHITECT/ENGINEER IN WRITING OF ANY DISCREPANCIES BEFORE PROCEEDING WITH THE WORK OR MATERIAL ORDERS OR BE RESPONSIBLE FOR THE SAME.</p>	
APPROVED BY:	INITIALS:	DATE:																														
AT&T:																																
VENDOR:																																
R.F.:																																
LEASING / LANDLORD:																																
ZONING:																																
CONSTRUCTION:																																
POWER / TELCO:																																
PG&E:																																
<p>OCCUPANCY AND CONSTRUCTION TYPE</p> <p>OCCUPANCY : S-2 (UNMANNED TELECOMMUNICATIONS FACILITY), U (TOWER)</p> <p>CONSTRUCTION TYPE: V-B</p> <p>HANDICAP REQUIREMENTS</p> <p>FACILITY IS UNMANNED AND NOT FOR HUMAN HABITATION. ACCESSIBILITY ACCESS AND REQUIREMENTS ARE NOT REQUIRED, IN ACCORDANCE WITH CALIFORNIA STATE ADMINISTRATIVE CODE, PART 2, TITLE 24, SECTION 1103B.1, EXCEPTION 1 & SECTION 1134B.2.1, EXCEPTION 4.</p>																																

THESE DRAWINGS AND/OR THE ACCOMPANYING SPECIFICATION AS INSTRUMENTS OF SERVICE, ARE THE EXCLUSIVE PROPERTY OF GEIL ENGINEERING AND THEIR USE AND PUBLICATION SHALL BE RESTRICTED TO THE ORIGINAL SITE AND CARRIER FOR WHICH THEY ARE PREPARED. REUSE, REPRODUCTION OR PUBLICATION BY ANY METHOD, IN WHOLE OR IN PART, IS PROHIBITED EXCEPT BY WRITTEN PERMISSION FROM GEIL ENGINEERING TITLE TO THESE PLANS AND/OR SPECIFICATIONS SHALL REMAIN WITH GEIL ENGINEERING WITHOUT PREJUDICE AND VISUAL CONTACT WITH THEM SHALL CONSTITUTE PRIMA FACIE EVIDENCE OF ACCEPTANCE OF THESE RESTRICTIONS.

BOUNDARY SHOWN IS BASED ON MONUMENTATION FOUND AND RECORD INFORMATION. THIS IS NOT A BOUNDARY SURVEY. THIS IS A SPECIALIZED TOPOGRAPHIC MAP WITH PROPERTY LINES AND EASEMENTS BEING A GRAPHIC DEPICTION BASED ON INFORMATION GATHERED FROM VARIOUS SOURCES OF RECORD AND AVAILABLE MONUMENTATION FOUND DURING THE FIELD SURVEY. NO EASEMENTS WERE RESEARCHED OR PLOTTED. PROPERTY LINES AND LINES OF TITLE WERE NOT INVESTIGATED NOR SURVEYED. NO PROPERTY MONUMENTS WERE SET.



EL DORADO, CA **VICINITY MAP**

Geil Engineering
Engineering * Surveying * Planning
1226 High Street
Auburn, California 95603-5015
Phone: (530) 885-0426 * Fax: (530) 823-1309

A.T. & T. Mobility
Project No./Name: CVL04030 / SLATE
Project Site Location: Pleasant Valley Rd. & Hwy 49
El Dorado, CA 95623
El Dorado County
Date of Observation: 06-13-19

Equipment/Procedure Used to Obtain Coordinates: Trimble Pathfinder Pro XL post processed with Pathfinder Office software.
Type of Antenna Mount: Proposed Monopine Tower
Coordinates (Tower)
Latitude: N 38° 40' 54.00" (NAD83) N 38° 40' 54.35" (NAD27)
Longitude: W 120° 50' 57.92" (NAD83) W 120° 50' 54.15" (NAD27)
ELEVATION of Ground at Structure (NAVD88) 1605' AMSL

CERTIFICATION: I, the undersigned, do hereby certify elevation listed above is based on a field survey done under my supervision and that the accuracy of those elevations meet or exceed 1-A Standards as defined in the FAA ASAC Information Sheet 91:003, and that they are true and accurate to the best of my knowledge and belief.

Kenneth D. Geil California RCE 14803

Lease Area Description

All that certain lease area being a portion of the Parcel 3 as is shown on that certain Parcel Map filed for record at Book 50 of Parcel Maps, Page 91, El Dorado County Records, located in the County of El Dorado, State of California, and being a portion of Section 35, Township 10 N., Range 10 E., M.D.B. & M., and being more particularly described as follows:

Commencing at a 3/4" Capped Iron Pipe set at the Southwest corner of Parcel 1 as is shown on the above referenced parcel map from which a similar monument bears North 72°59'13" East 170.00 feet; thence from said point of commencement South 71°55'01" West 32.40 feet to the True Point of Beginning; thence from said point of beginning North 08°31'55" West 40.00 feet; thence South 81°28'05" West 40.00 feet; thence South 08°31'55" East 40.00 feet; thence North 81°28'05" East 40.00 feet to the point of beginning.

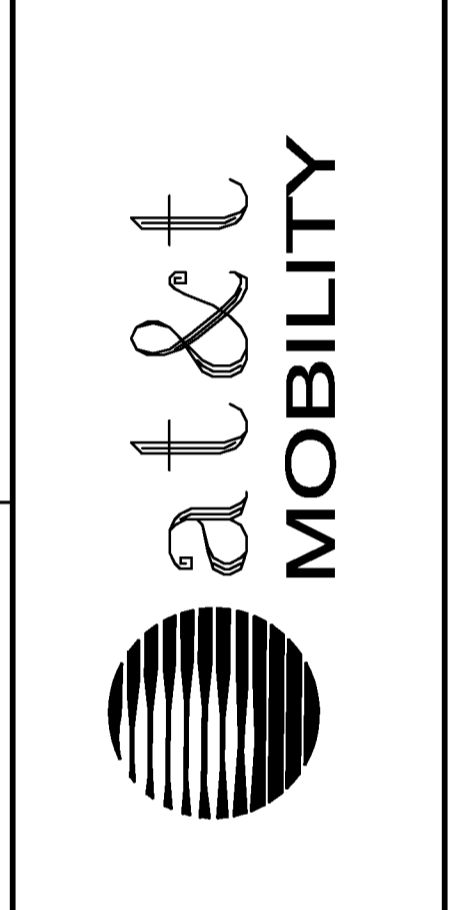
Together with a non-exclusive easement for access and utility purposes fifteen feet in width the centerline of which is described as follows: beginning at a point which bears South 81°28'05" West 7.50 feet from the Southwest corner of the above described lease area and running thence North 08°31'55" West 42.81 feet; thence through a tangent curve to the left having a radius of 20.00 feet through an arc distance of 13.56 feet; thence tangent to the last curve North 47°22'13" West 59.84 feet; thence through a tangent curve to the right having a radius of 20.00 feet through an arc distance of 10.60 feet; thence tangent to the last curve North 17°00'47" West 15.9 feet more or less to the public right of way more commonly known as South Street.

DATE OF SURVEY: 06-13-19
SURVEYED BY OR UNDER DIRECTION OF: KENNETH D. GEIL, R.C.E. 14803
LOCATED IN THE COUNTY OF EL DORADO, STATE OF CALIFORNIA
BEARINGS SHOWN ARE BASED UPON MONUMENTS FOUND AND RECORD INFORMATION. THIS IS NOT A BOUNDARY SURVEY.
ELEVATIONS SHOWN ON THIS PLAN ARE BASED UPON U.S.G.S. N.A.V.D. 88 DATUM. ABOVE MEAN SEA LEVEL.
N.G.V.D. 1929 CORRECTION: SUBTRACT 2.71' FROM ELEVATIONS SHOWN.
CONTOUR INTERVAL: 1'
CONTRACTOR IS RESPONSIBLE TO VERIFY LEASE AREA PRIOR TO CONSTRUCTION.
ASSESSOR'S PARCEL NUMBER: 331-131-012-000
OWNER(S): NANCY M. EHRLICH TRUST
4450 RUFFY LANE
EL DORADO, CA 95623

DEPT	APPROVED	DATE
ARC		
RE		
INT		
EE\IN		
OPS		
EE\OUT		

Surveyor
GEIL ENGINEERING
ENGINEERING * SURVEYING * PLANNING
1226 HIGH STREET
AUBURN, CALIFORNIA 95603
Phone: (530) 885-0426
Fax: (530) 823-1309

Architect
A.T. & T. Mobility



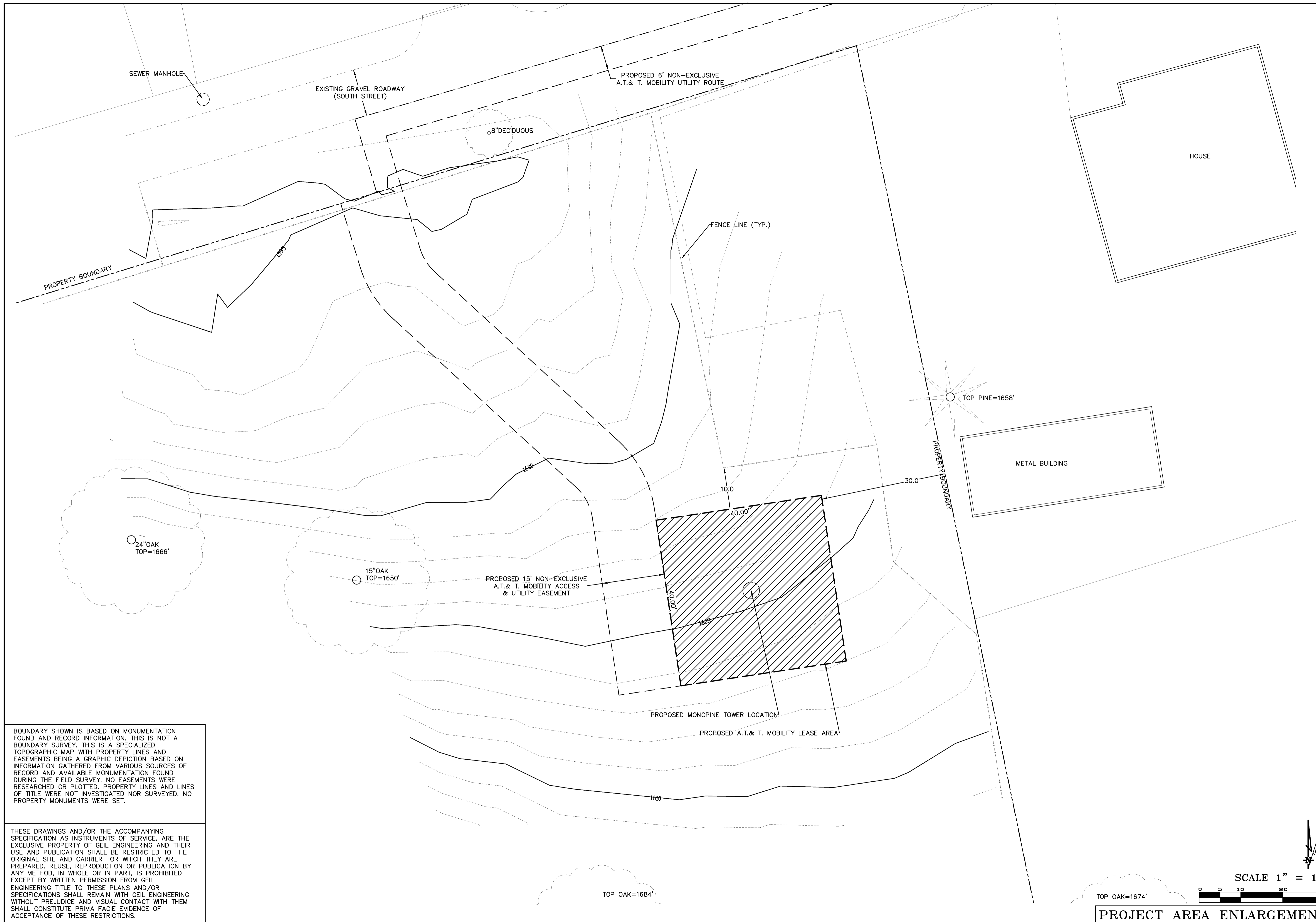
CVL04030
SLATE
PLEASANT VALLEY RD. & HWY 49
EL DORADO, CA 95623
PLOT PLAN AND
SITE TOPOGRAPHY

REV	DATE	DESCRIPTION
06-14-19	N. RCHDE	PRELIMINARY DRAWING
07-10-19	N. RCHDE	LEASE AREA MOD.
10-11-19	N. RCHDE	APN UPDATE

Sheet
C-1

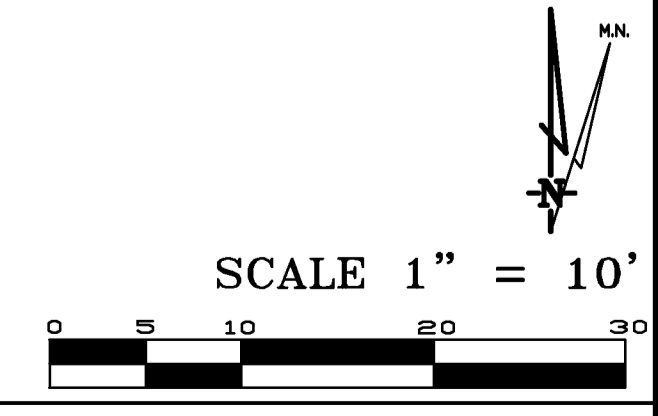
SCALE 1" = 30'

OVERALL SITE PLAN



BOUNDARY SHOWN IS BASED ON MONUMENTATION FOUND AND RECORD INFORMATION. THIS IS NOT A BOUNDARY SURVEY. THIS IS A SPECIALIZED TOPOGRAPHIC MAP WITH PROPERTY LINES AND EASEMENTS BEING A GRAPHIC DEPICTION BASED ON INFORMATION GATHERED FROM VARIOUS SOURCES OF RECORD AND AVAILABLE MONUMENTATION FOUND DURING THE FIELD SURVEY. NO EASEMENTS WERE RESEARCHED OR PLOTTED. PROPERTY LINES AND LINES OF TITLE WERE NOT INVESTIGATED NOR SURVEYED. NO PROPERTY MONUMENTS WERE SET.

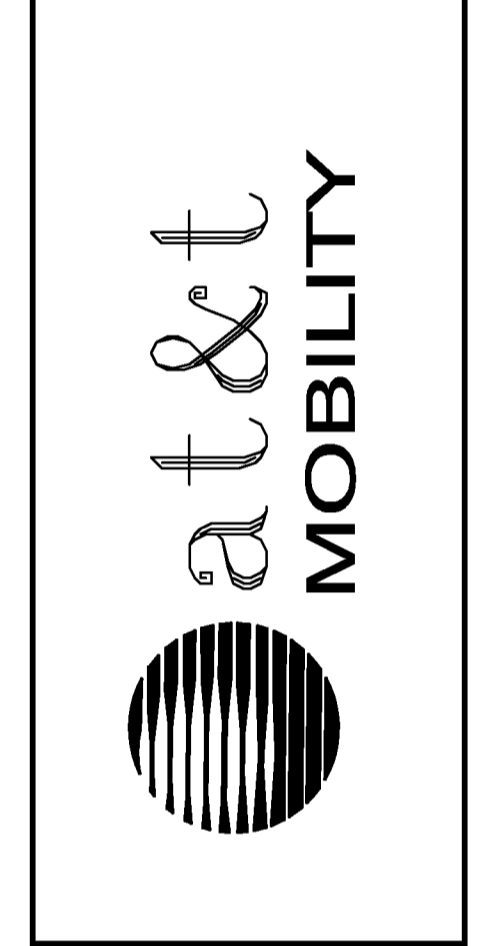
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DEPT	APPROVED	DATE
A&C		
RE		
RF		
INT		
EE\IN		
OPS		
EE\OUT		

Surveyor
GEIL ENGINEERING
 ENGINEERING • SURVEYING • PLANNING
 1228 HIGH STREET
 AUBURN, CALIFORNIA 95603
 Phone (530) 885-1228
 Fax (530) 885-1208

Architect



CVL04030
 SLATE
 PLEASANT VALLEY RD. & HWY49
 EL DORADO, CA 95623
 PLOT PLAN AND
 SITE TOPOGRAPHY

Sheet

C-2

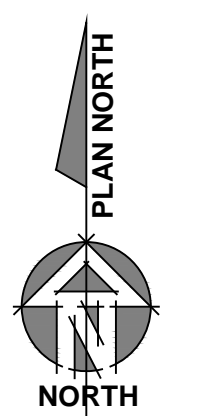
PROJECT AREA ENLARGEMENT

THIS IS NOT A SITE SURVEY

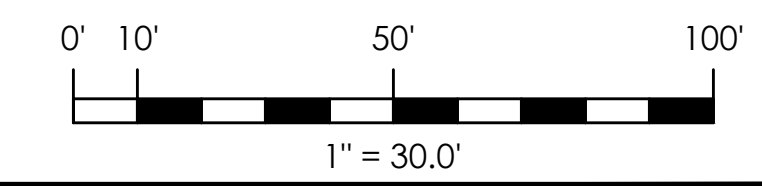
ALL PROPERTY BOUNDARIES, ORIENTATION OF TRUE NORTH AND STREET HALF-WIDTHS HAVE BEEN OBTAINED FROM A TAX PARCEL MAP AND EXISTING DRAWINGS AND ARE APPROXIMATE.

NOTES:


1. NO GRADING OR PERMANENT CONSTRUCTION SHALL OCCUR WITHIN DRIP LINES OF TREES THAT ARE TO REMAIN WITHOUT ARBORIST APPROVAL.
2. PRIOR TO CONSTRUCTION, GENERAL CONTRACTOR TO CONTACT DIGALERT TO MARK OUT EXISTING UNDERGROUND UTILITIES. IN THE EVENT OF CONFLICTS, CONTRACTOR TO CONTACT PDC.



1 OVERALL SITE PLAN
1"=30'



Issued For:
CVL04030
SLATE - EHRlich
PLEASANT VALLEY ROAD & HWY 49
EL DORADO, CA 95623

PREPARED FOR

2600 Camino Ramon
San Ramon, California 94583

Vendor:

WIRELESS GROUP LLC
Connecting a Wireless World

AT&T SITE NO: CVL04030
PROJECT NO: 219.0070
DRAWN BY: TLS
CHECKED BY: SV

REV	DATE	DESCRIPTION
	07/11/19	100% ZD
	06/20/19	90% ZD

Licensee:

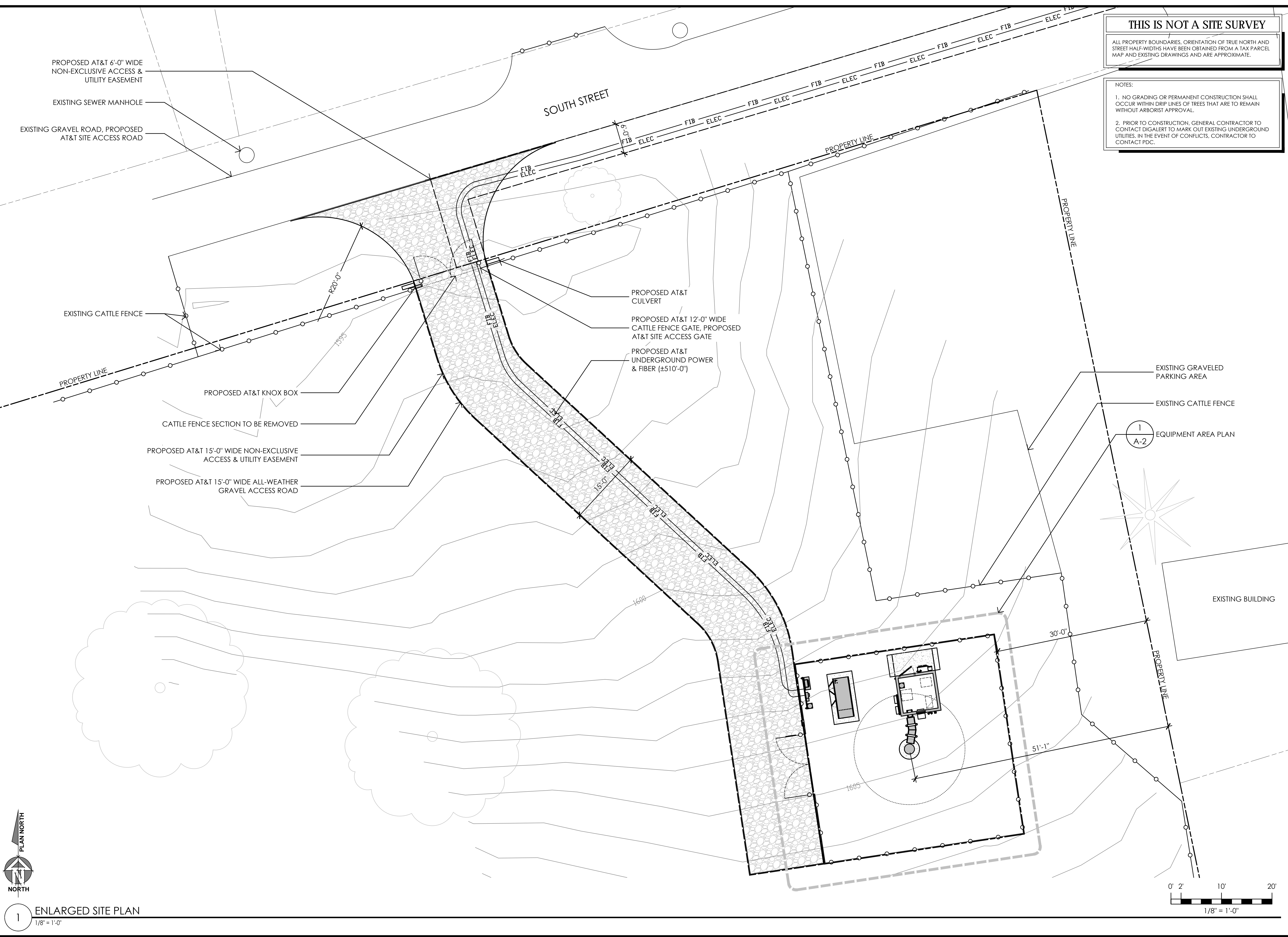
IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, TO ALTER THIS DOCUMENT.

Architect:

MST ARCHITECTS
1520 River Park Drive
Sacramento, California 95815

SHEET TITLE:
OVERALL SITE PLAN

SHEET NUMBER:
A-1



THIS IS NOT A SITE SURVEY

ALL PROPERTY BOUNDARIES, ORIENTATION OF TRUE NORTH AND STREET HALF-WIDTHS HAVE BEEN OBTAINED FROM A TAX PARCEL MAP AND EXISTING DRAWINGS AND ARE APPROXIMATE.

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Issued For:

CVL04030
SLATE - EHRlich
 PLEASANT VALLEY ROAD & HWY 49
 EL DORADO, CA 95623

PREPARED FOR

2600 Camino Ramon
 San Ramon, California 94583

Vendor:

Connecting a Wireless World

AT&T SITE NO: CVL04030
 PROJECT NO: 219.0070
 DRAWN BY: TLS
 CHECKED BY: SV

REV	DATE	DESCRIPTION
	07/11/19	100% ZD
	06/20/19	90% ZD

Licensee:

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Architect:

MST ARCHITECTS
 1520 River Park Drive
 Sacramento, California 95815

SHEET TITLE:

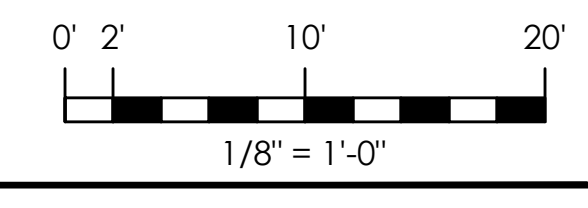
ENLARGED SITE PLAN

SHEET NUMBER:

A-1.1

PLAN NORTH

1 ENLARGED SITE PLAN
 1/8" = 1'-0"



1
 A-2
 EQUIPMENT AREA PLAN

REV	DATE	DESCRIPTION
07/11/19	100% ZD	
06/20/19	90% ZD	

Licensee:
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Architect:

MST ARCHITECTS
 1520 River Park Drive
 Sacramento, California 95815

SHEET TITLE:
ANTENNA PLAN, SCHEDULE, & DETAILS

SHEET NUMBER:
A-3

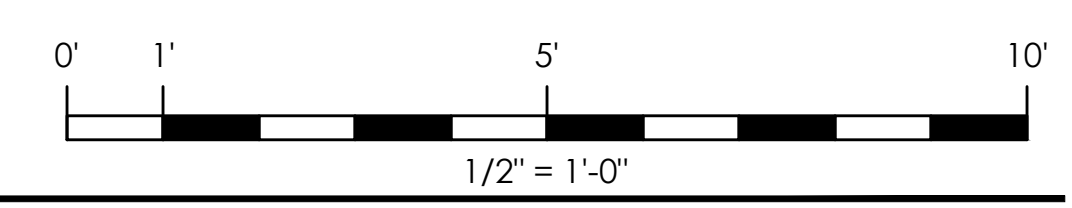
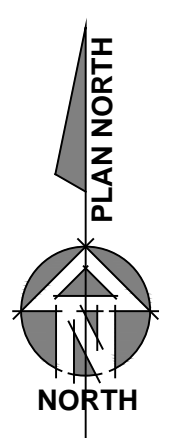
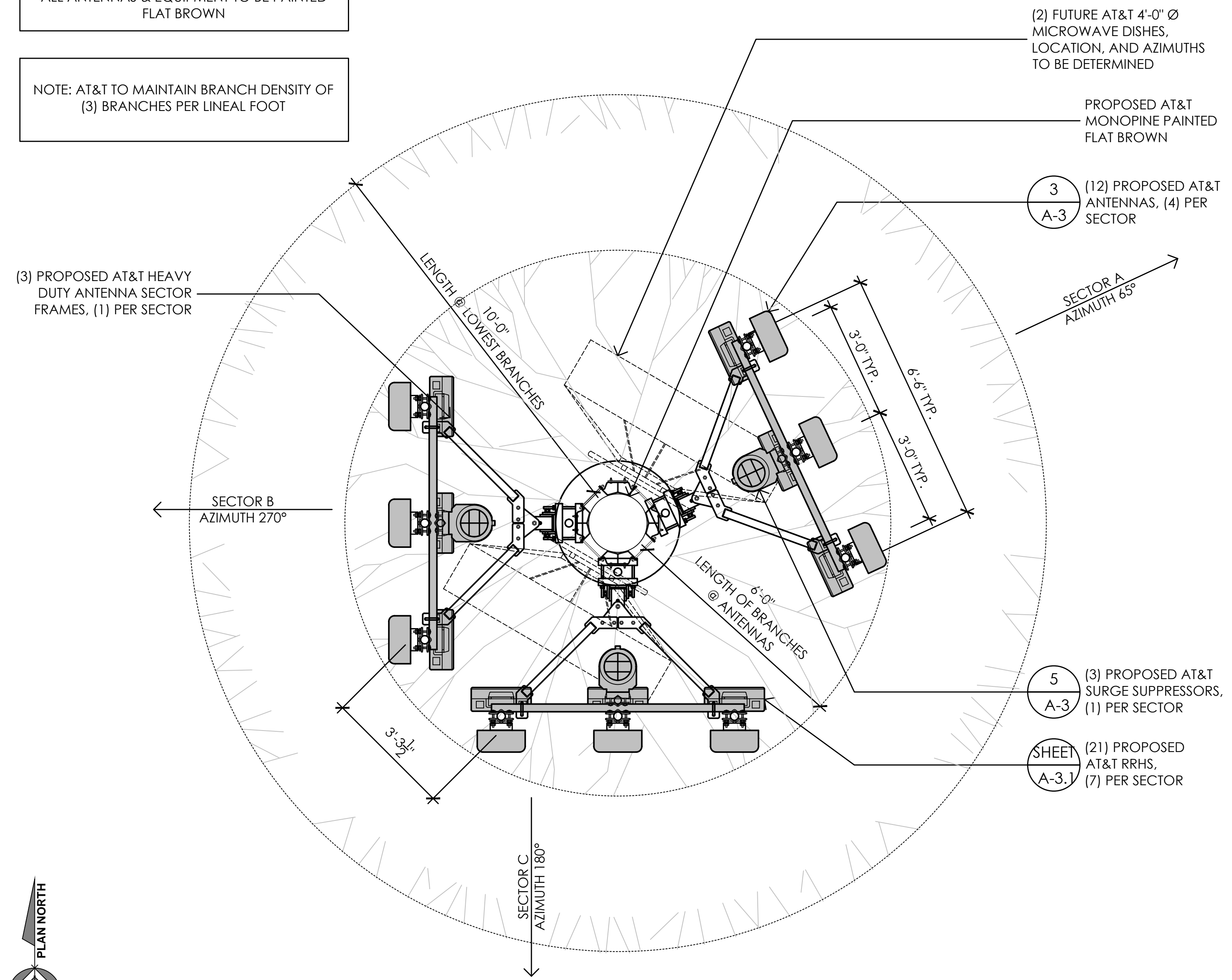
RF SCHEDULE										
SECTOR	ANTENNA MODEL NO.	AZIMUTH	CENTERLINE	RRH	TMA	FIBER LENGTH	COAX LENGTH	JUMPER TYPE	RRU NO.	
A L P H A	A1	KATHREIN - 800-10991K	65°	± 136'-0"	(1) 4449 B5/B12/(1) 8843 B2/B66A	-	± 150'-0"	-	LDF4	(2)
	A2	KATHREIN - 800-10991K	65°	± 136'-0"	(1) 4478 B14 / (1) 4415 B25	-	± 150'-0"	-	LDF4	(2)
	A3	KATHREIN - 800-10991K	65°	± 136'-0"	(1)RRUS-12 B5/(1)RRUS E2 B29/(1)4415 B30	-	± 150'-0"	-	LDF4	(3)
	A4	-	-	-	-	-	-	-	-	-
B E T A	B1	KATHREIN - 800-10991K	270°	± 136'-0"	(1) 4449 B5/B12/(1) 8843 B2/B66A	-	± 150'-0"	-	LDF4	(2)
	B2	KATHREIN - 800-10991K	270°	± 136'-0"	(1) 4478 B14 / (1) 4415 B25	-	± 150'-0"	-	LDF4	(2)
	B3	KATHREIN - 800-10991K	270°	± 136'-0"	(1)RRUS-12 B5/(1)RRUS E2 B29/(1)4415 B30	-	± 150'-0"	-	LDF4	(3)
	B4	-	-	-	-	-	-	-	-	-
G A M M A	C1	KATHREIN - 800-10991K	180°	± 136'-0"	(1) 4449 B5/B12/(1) 8843 B2/B66A	-	± 150'-0"	-	LDF4	(2)
	C2	KATHREIN - 800-10991K	180°	± 136'-0"	(1) 4478 B14 / (1) 4415 B25	-	± 150'-0"	-	LDF4	(2)
	C3	KATHREIN - 800-10991K	180°	± 136'-0"	(1)RRUS-12 B5/(1)RRUS E2 B29/(1)4415 B30	-	± 150'-0"	-	LDF4	(3)
	C4	-	-	-	-	-	-	-	-	-

RF DATA SHEET vx.xx.x DATED XX/XX/XX NOTE: ANTENNA POSITIONS ARE LEFT TO RIGHT FROM FRONT OF ANTENNA EQUIPMENT IS PRELIMINARY AND SUBJECT TO CHANGE.

2 RF SCHEDULE
 NO SCALE

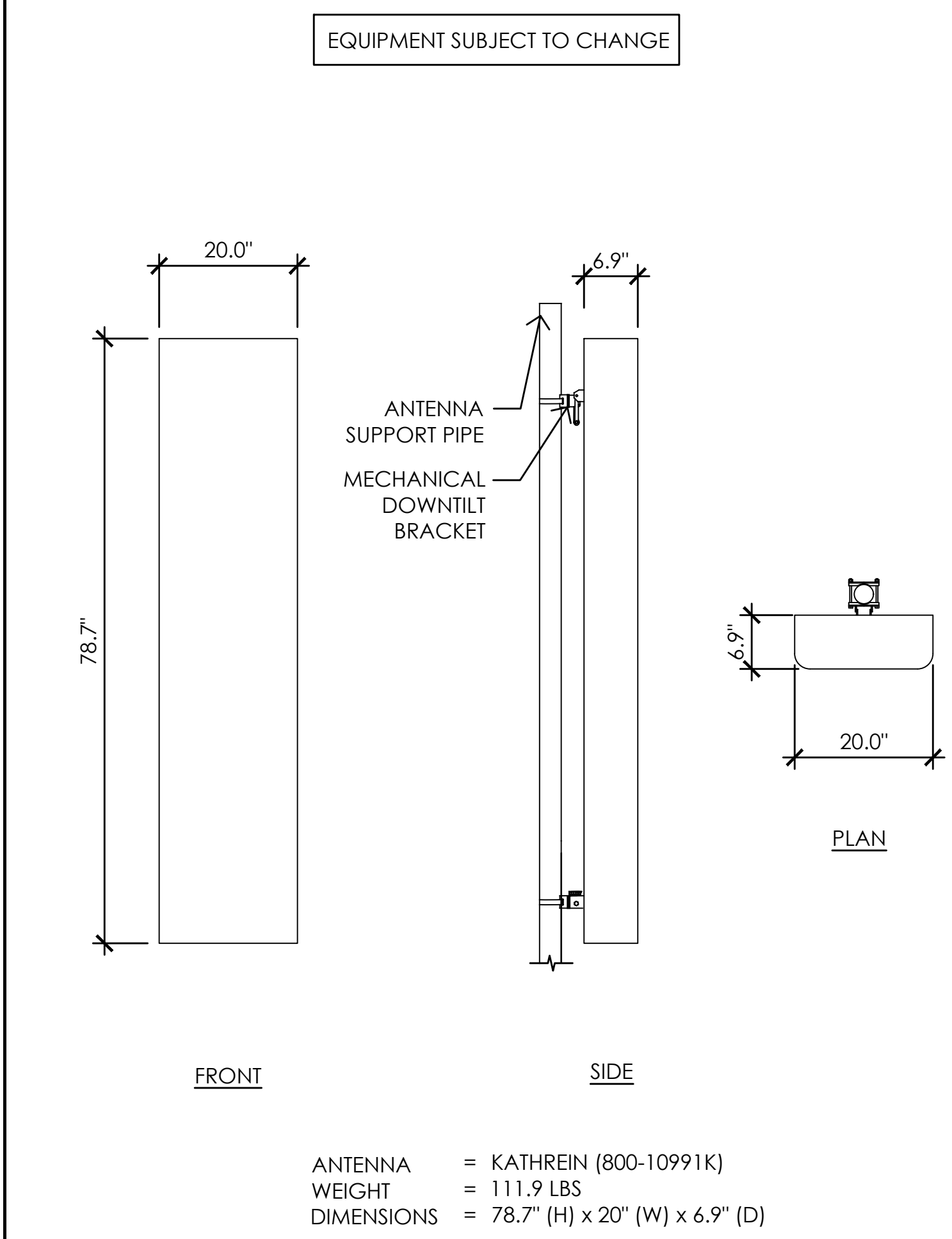
NOTE: AT&T TO INSTALL "NEEDLE SOCKS" ON ALL PROPOSED PANEL ANTENNAS & RRH UNITS. ALL ANTENNAS & EQUIPMENT TO BE PAINTED FLAT BROWN

NOTE: AT&T TO MAINTAIN BRANCH DENSITY OF (3) BRANCHES PER LINEAL FOOT



1 ANTENNA LAYOUT PLAN
 1/2" = 1'-0"

4 NOT USED
 NO SCALE



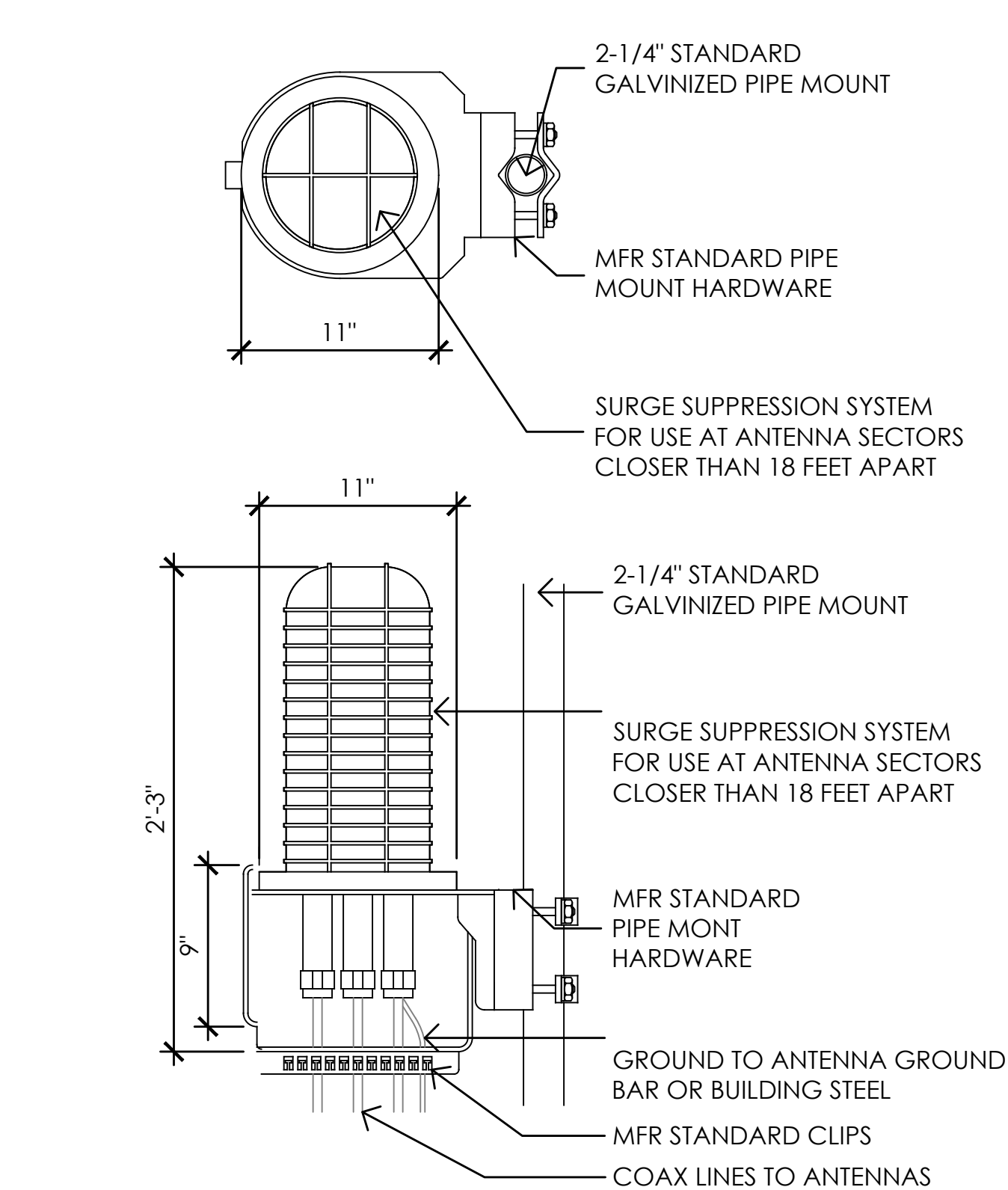
3 PROPOSED ANTENNA SPEC
 3/4" = 1'-0"

RAYCAP DC6-48-60-18-8F & DC6-48-60-0-8F SURGE SUPPRESSION SOLUTION

COLOR: BLACK/SILVER

DIMENSIONS: 11" DIA X 27" TALL W/ 9" BASE

WEIGHT: +/- 50 LBS. (INCLUDING MOUNTING HARDWARE)



5 DC SURGE SUPPRESSION (SQUID)
 1-1/2" = 1'-0"

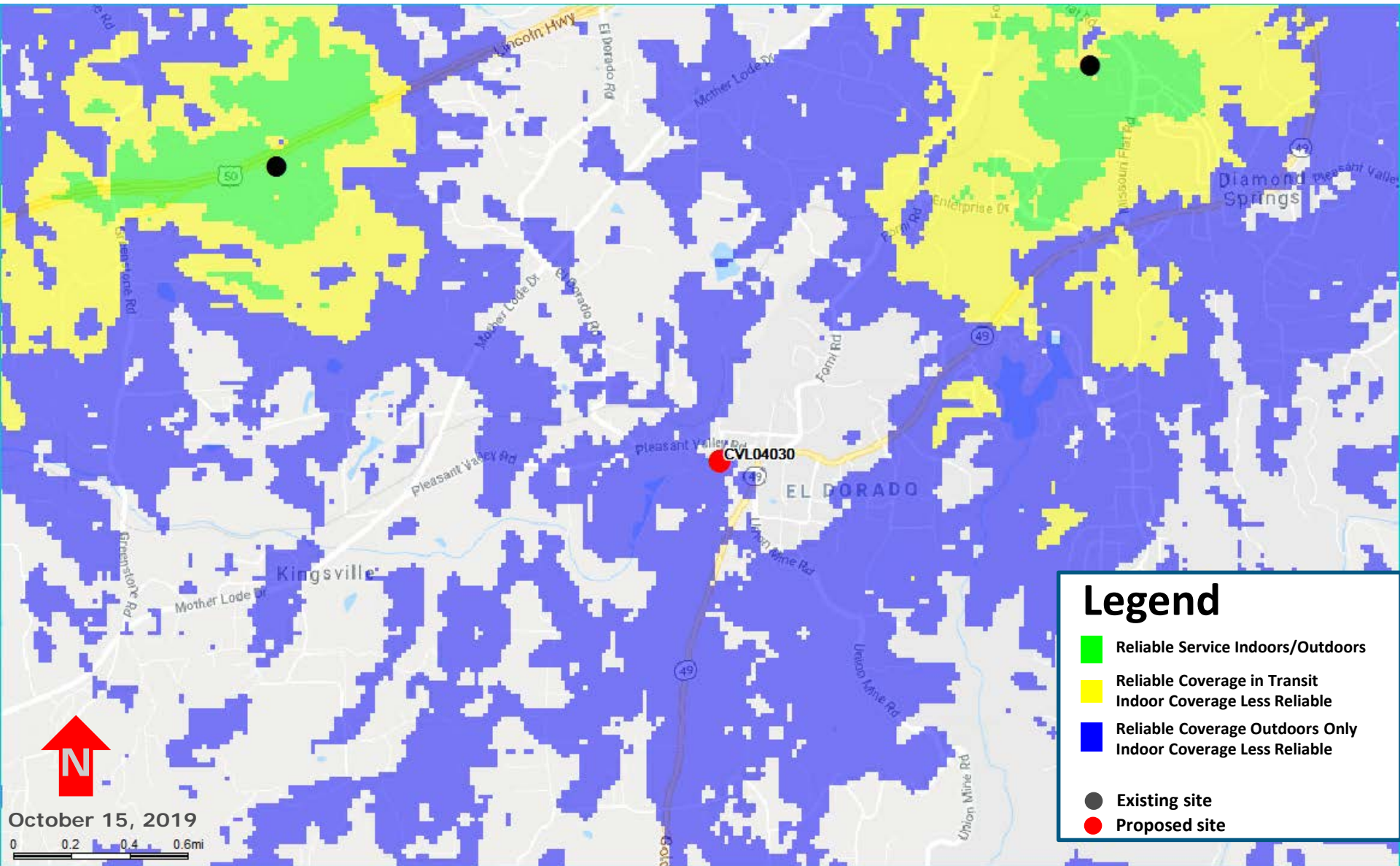
Exhibit H: Coverage Map

CVL04030 Zoning Propagation Map

October 15th, 2019



Existing LTE 700 Coverage

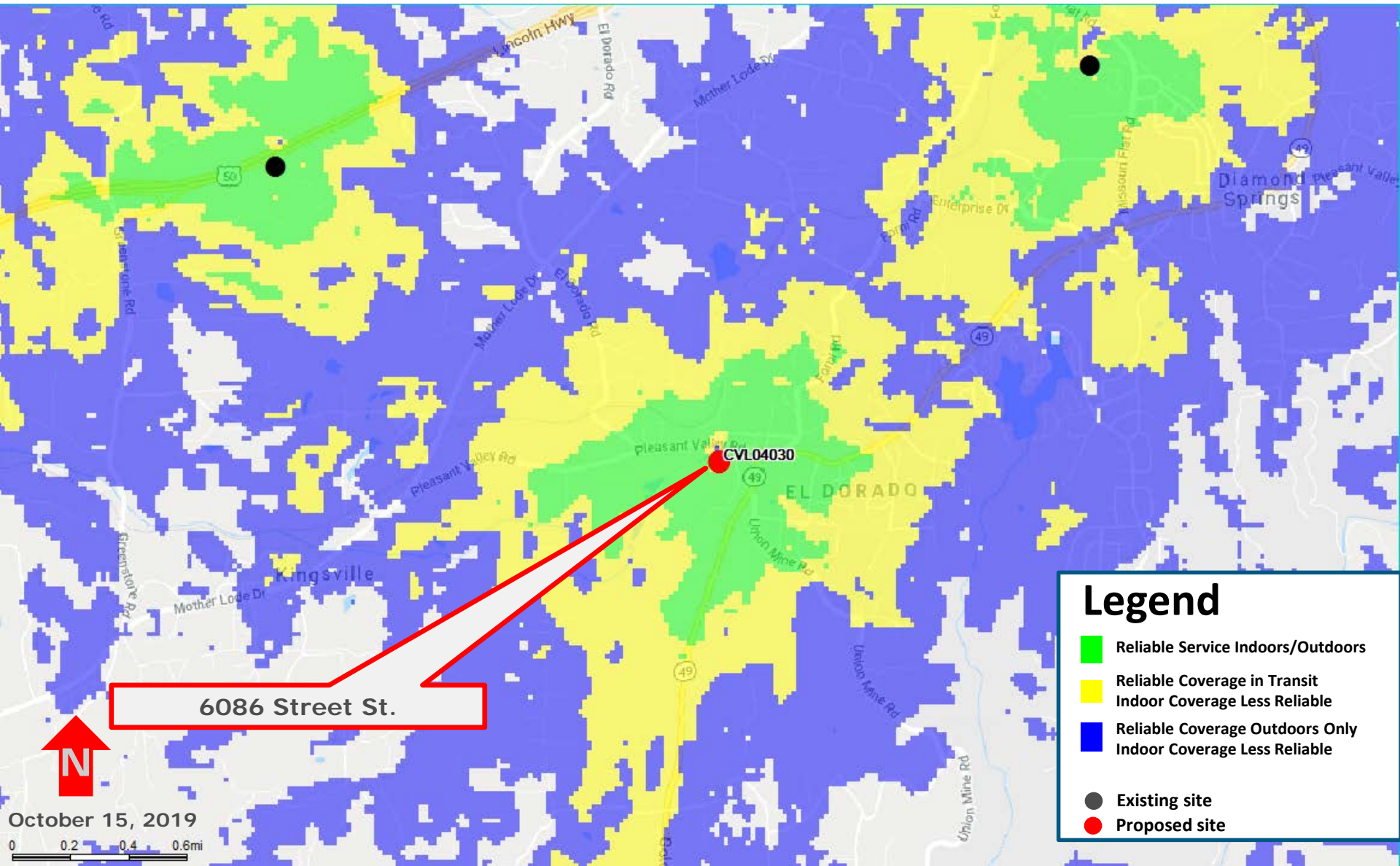


Legend

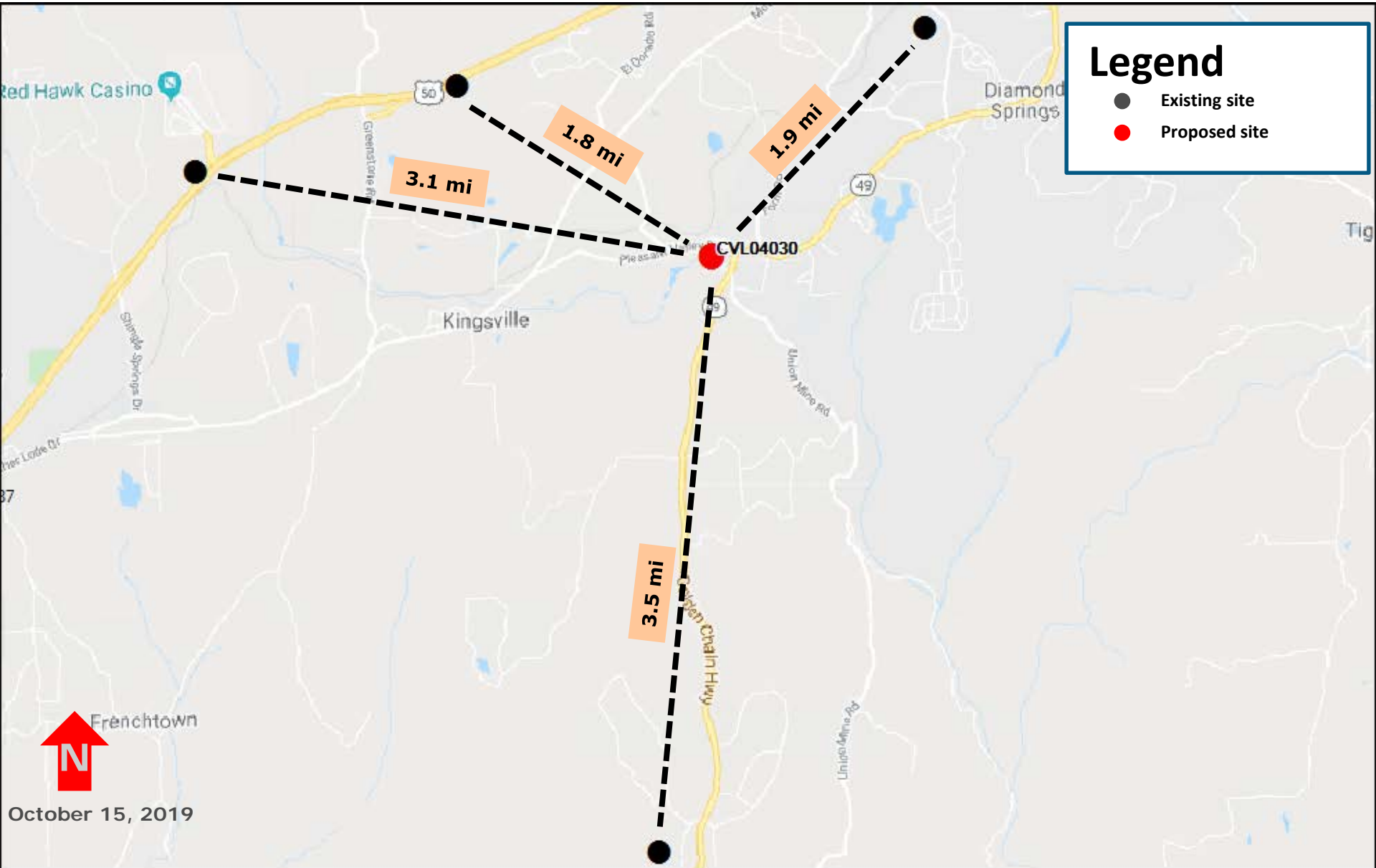
- Reliable Service Indoors/Outdoors
- Reliable Coverage in Transit
- Indoor Coverage Less Reliable
- Reliable Coverage Outdoors Only
- Indoor Coverage Less Reliable

● Existing site
● Proposed site

Proposed LTE 700 Coverage – 6086 Street St.@ (RC = 136 ft)



Existing surrounding sites



Legend

- Existing site
- Proposed site



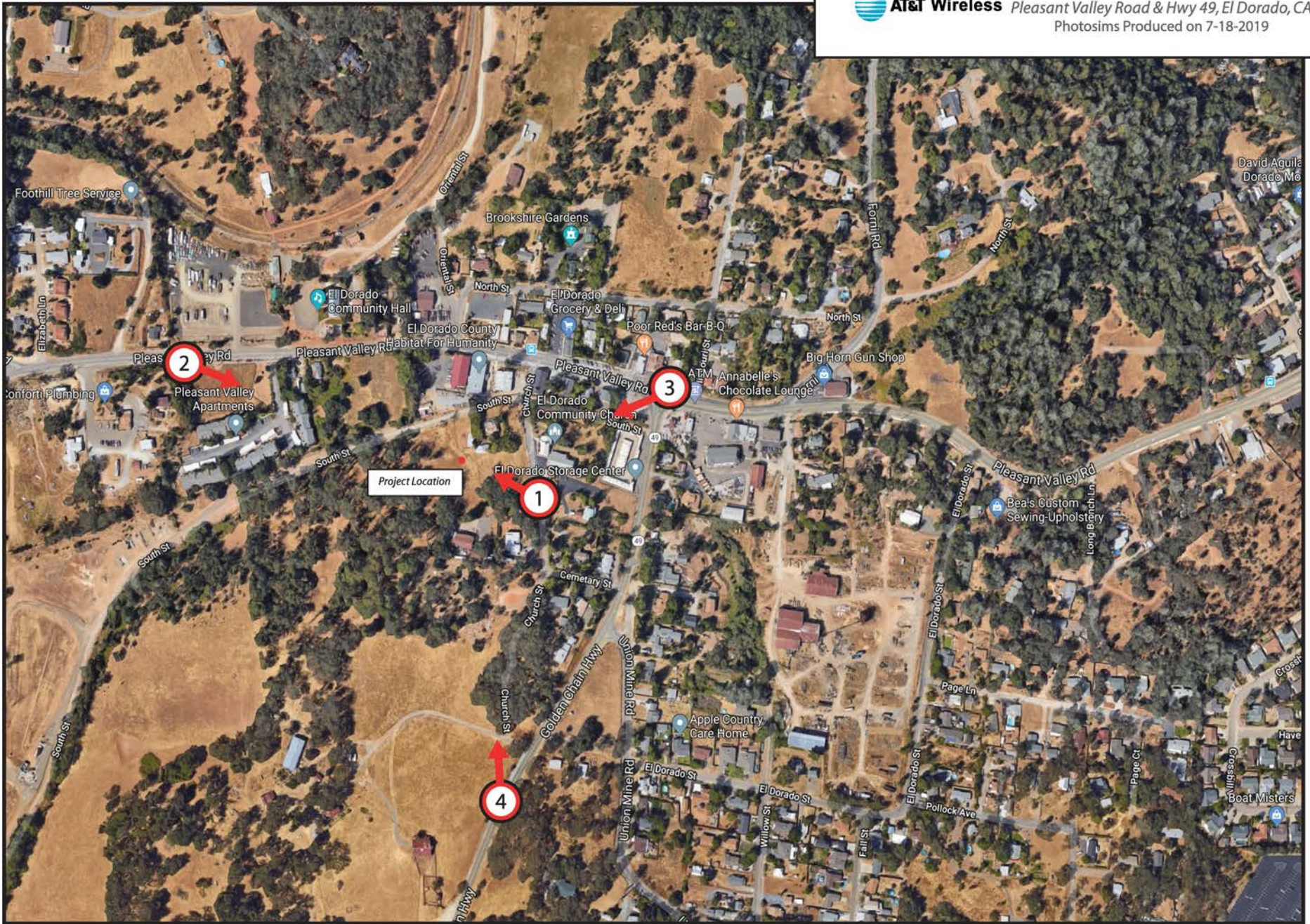
October 15, 2019

Exhibit I: Photosimulations



AT&T Wireless

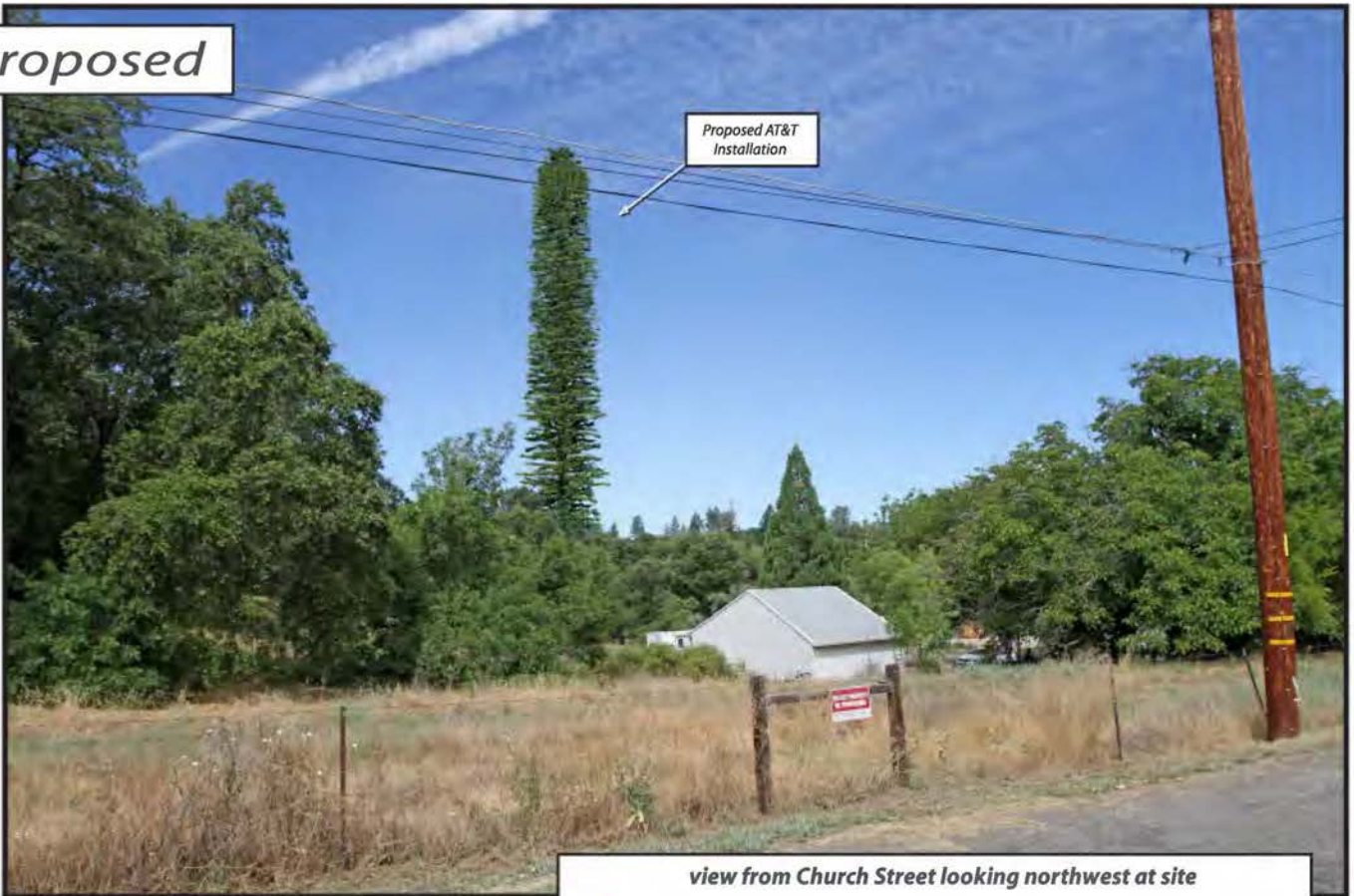
CVL04030 Slate - Ehrlich
Pleasant Valley Road & Hwy 49, El Dorado, CA
Photosims Produced on 7-18-2019



Existing



Proposed



Proposed AT&T
Installation

view from Church Street looking northwest at site

Existing



Proposed



view from Pleasant Valley Road looking southeast at site

Existing



Proposed



view from Pleasant Valley Road looking southwest at site

Existing



Proposed



view from Golden Chain Highway looking north at site

Exhibit J: Alt Sites Analysis

Alternative Sites Analysis



AT&T Mobility

Wireless Telecommunications Facility
At
South Rd.
El Dorado CA

Site ID: CVL04030/Slate

Introduction

New Cingular Wireless PCS, LLC d/b/a AT&T Mobility (“AT&T”) has a significant gap in its service coverage in the area of El Dorado County. AT&T proposes to install a new 147-foot tall wireless communications facility (“WCF”) disguised as a monopine tree on the grounds of a privately owned property located on South Street, El Dorado CA (“Proposed Facility”) as a means to fill AT&T’s gap in coverage in this portion of the town. This property is zoned Commercial Main Street (CM) Use in the county of El Dorado, near El Dorado fire Dept. station 46. The Proposed Facility consists of nine panel antennas (three sets of three antennas) mounted on a pole and camouflaged as a monopine tree (“monopine”), with related equipment to be housed within a 80” x 80” equipment shelter adjacent to the monopine tower. The Proposed Facility is designed to minimize visual impacts, blend within the existing environment, and the antennas will be painted green and obscured by the faux pine branches. The Proposed Facility is the least intrusive means to fill the significant gap of the alternatives investigated by AT&T as explained below.

Objective

AT&T Mobility has identified a significant gap in its service coverage in El Dorado county, in an area roughly bordered by South street and Pleasant Valley road to the North. Church street & Golden chain Hwy to the East. The Proposed Facility will improve coverage to many dozens of homes in several neighborhoods, numerous businesses, a fire station, offices, and other points of interest in the immediate vicinity. The service coverage in this portion of the County is described in the accompanying Radio Frequency propagation maps.

Methodology and Zoning Criteria

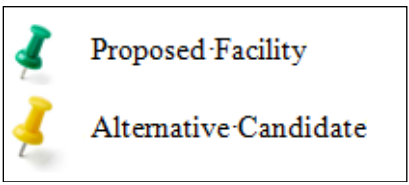
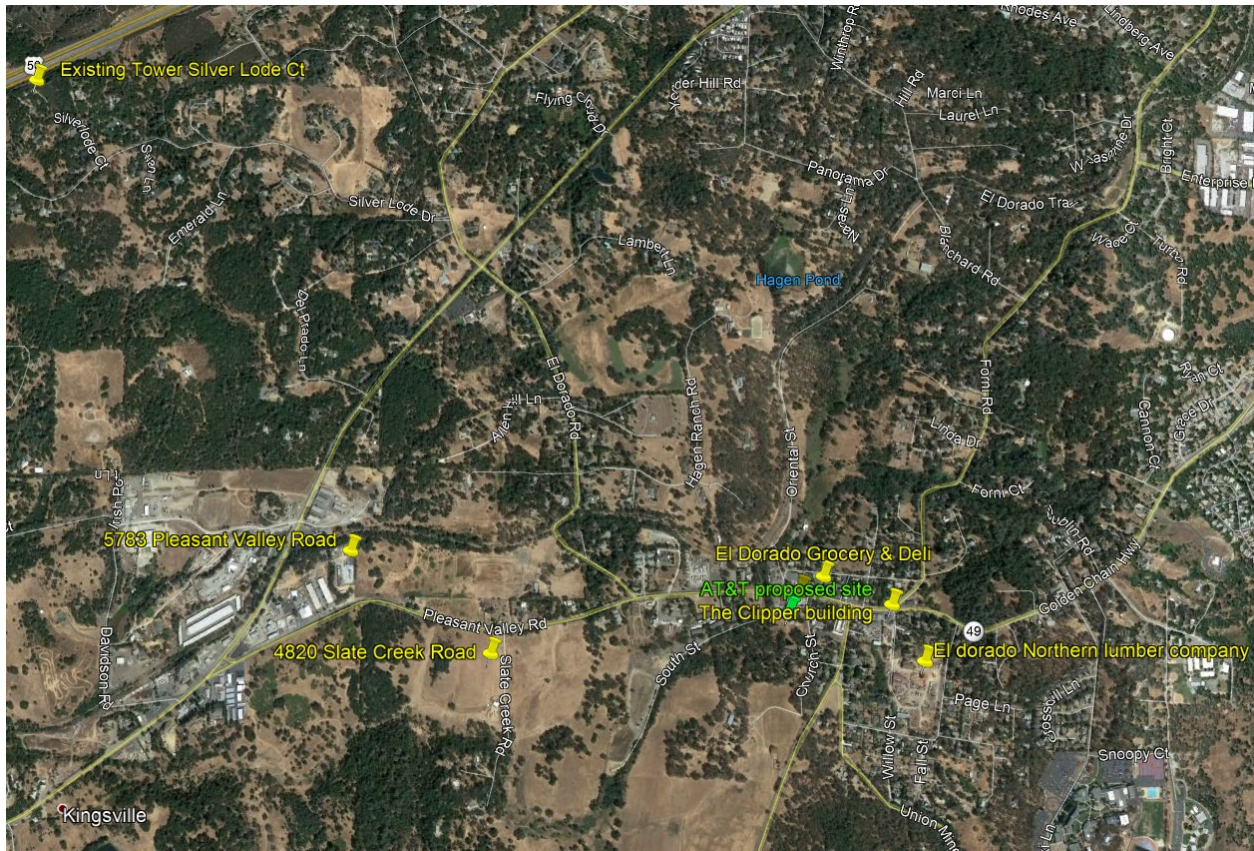
The location of a WCF to fill a significant gap in coverage is dependent upon topography, zoning, existing structures, collocation opportunities, available utilities, and access. Wireless communication is line-of-sight technology that requires WCFs to be in relatively close proximity to the wireless handsets to be served.

AT&T seeks to fill a significant gap in service coverage using the least intrusive means under the values expressed in the El Dorado County Code (“Code”). Thus, AT&T is guided by Chapter 130.40.130 of the Code (Communication Facilities), and in particular, meeting the standards for the placement of the tower. AT&T seeks to meet the Code requirements and provide the best available design by placing this stealth WCF in a Commercial Main Street (CM) zone at the minimum height needed to address the significant service coverage gap.

Analysis

AT&T investigated potential alternative sites for facilities to fill the identified coverage gap in this portion of the county. AT&T searched for, but did not find, feasible collocation opportunities and or existing structures in and around the coverage objective. Due to the need for antennas with a centerline height of 136 feet above ground level, AT&T proposed a stealth WCF in the form of a monopine tower. The following map shows the locations of the Proposed Facility and the alternative sites that AT&T investigated. The alternatives are discussed in the analysis which follows.

Location of Candidate Sites



Proposed Facility – South Rd, Town of El Dorado, CA



Conclusion: Based upon location, a willing landlord and the superior coverage as shown in the proposed AT&T's Radio Frequency coverage service maps, the Proposed Facility is the least intrusive means for AT&T to meet its service coverage objective.

This commercial Use property is located along South Street between Pleasant Valley rd. and Hwy 49 in a Commercial Main street Use zoning district. AT&T proposes to install a 147-foot monopine tower to camouflage its nine antennas. The Proposed Facility is the best available design to minimize visual impacts in the area. The Proposed Facility is the least intrusive means to fill the significant gap of the alternatives investigated by AT&T.

Alternative 1 – El Dorado Fire Dept, CA



Conclusion: Not Viable

The El Dorado Fire Dept is located approximately 300ft Northeast from the Proposed Facility. The Fire Station property is Not viable due to available space and a proposed site at this location would not meet applicable setback requirements for a WCF.

Alternative 2 – 4820 Slate Creek Road



Conclusion: Not feasible

This property is located approximately 0.57 miles southwest from the Proposed Facility. Due to its location well to the West of AT&T's service objective, a WCF here would not close AT&T's significant service coverage gap.

Alternative 3 – 5783 Pleasant Valley Road



Conclusion: Not feasible

This property is located approximately 0.84 miles northwest from the Proposed Facility. Due to its location well to the West of AT&T's service objective, a WCF here would not close AT&T's significant service coverage gap.

Alternative 4 – El Dorado Northern lumber company



Conclusion: Not Viable

The El Dorado Northern lumber company property is located approximately 0.27 miles southeast from the Proposed Facility. AT&T investigated all current buildings on the property as a potential form of structure attachment for its antennas. However, due to the limited height of existing structures approx. 35ft to 40ft (AGL) height above ground level and AT&T's need for antennas with a centerline height of **136ft** (AGL). That decrease in height of over 90ft from the Proposed facility would prevent a facility here from closing AT&T's significant service coverage gap.

Alternative 5 – The Clipper Building



Conclusion: Not Viable

The Clipper Building is located approximately 0.20 miles east from the Proposed Facility. AT&T investigated the rooftop of the building as a potential form of structure attachment for its antennas. However, due to the limited height of the commercial building approx. 35ft (AGL) height above ground level and AT&T's need for antennas with a centerline height of **136ft** (AGL). That decrease in height of over 90ft from the Proposed facility would prevent a facility here from closing AT&T's significant service coverage gap.

Alternative 6 – El Dorado Grocery & Deli



Conclusion: Not Viable

The El Dorado Grocery & Deli is located approximately 500ft. north from the Proposed Facility. AT&T investigated the rooftop of the building as a potential form of structure attachment for its antennas. However, due to the limited height of the commercial building approx.35ft (AGL) height above ground level and AT&T's need for antennas with a centerline height of **136ft** (AGL). That decrease in height of over 90ft from the Proposed facility would prevent a facility here from closing AT&T's significant service coverage gap.

Alternative 7 – Existing ATC Tower Silver Lode Ct



Conclusion: Not Feasible

The existing Tower site property is located approximately 1.82 miles to the northwest from the Proposed Facility. This existing WCF facility is not viable due to its location well to the northwest of AT&T's service objective. A WCF here would not close AT&T's significant service coverage gap.

Conclusion

The Proposed Facility is the least intrusive means by which AT&T can close its significant service coverage gap in this portion of El Dorado County. Denial of AT&T's application would materially inhibit AT&T's ability to provide and improve service in this portion of the County.

Exhibit K: RF Report



WATERFORD

Radio Frequency Emissions Compliance Report For AT&T Mobility

Site Name:	Slate - Ehrlich	Site Structure Type:	Monopine
Address:	6086 South Street El Dorado, CA	Latitude:	38.6817
Report Date:	October 16, 2019	Longitude:	-120.8495
		Project:	New Build

Compliance Statement

Based on information provided by AT&T Mobility and predictive modeling, the Slate - Ehrlich installation proposed by AT&T Mobility 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 Monopine to authorized climbers that have completed RF safety training is required for Occupational environment compliance. 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 in adjacent buildings by 5% of the General Population limits.

Certification

I, NAME, 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. 2019.10.24 15:34:56 -04'00'



General Summary

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.

Table 1: FCC 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.

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 location given the spatial orientation and operating parameters of multiple RF sources. The power density in the Far Field of an RF source is specified by OET-65 Equation 5 as follows:

$$S = \frac{EIRP}{4\pi R^2} \text{ (mW/cm}^2\text{)}$$

where EIRP is the Effective Radiated Power relative to an isotropic antenna and R is the distance between the antenna and point of study. Additionally, consideration is given to the manufacturers' horizontal and vertical antenna patterns as well as radiation reflection. At any location, the predicted power density in the Far Field is the spatial average of points within a 0 to 6-foot vertical profile that a person would occupy. Near field power density is based on OET-65 Equation 20 stated as

$$S = \left(\frac{180}{\theta_{BW}}\right) \cdot \frac{100 \cdot P_{in}}{\pi \cdot R \cdot h} \text{ (mW/cm}^2\text{)}$$

where P_{in} is the power input to the antenna, θ_{BW} is the horizontal pattern beamwidth and h is the aperture length.

Some antennas employ beamforming technology where RF energy allocated to each customer device is dynamically directed toward their location. In the analysis presented herein, predicted exposure levels are based on all beams at full utilization (i.e. full power) simultaneously focused in any direction. As this condition is unlikely to occur, the actual power density levels at ground and at adjacent structures are expected to be less than the levels reported below. These theoretical results represent worst-case predictions as all RF 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:

- PROPOSED AT&T MONOPINE WITH ANTENNAS & ASSOCIATED TOWER-MOUNTED EQUIPMENT.

The antennas will be mounted on a 147-foot monopine with centerlines 136 feet above ground level. Proposed antenna operating parameters are listed in Appendix A. Other appurtenances such as GPS antennas, RRUs and hybrid cable below the antennas are not sources of RF emissions. No other antennas are known to be operating in the vicinity of this site.

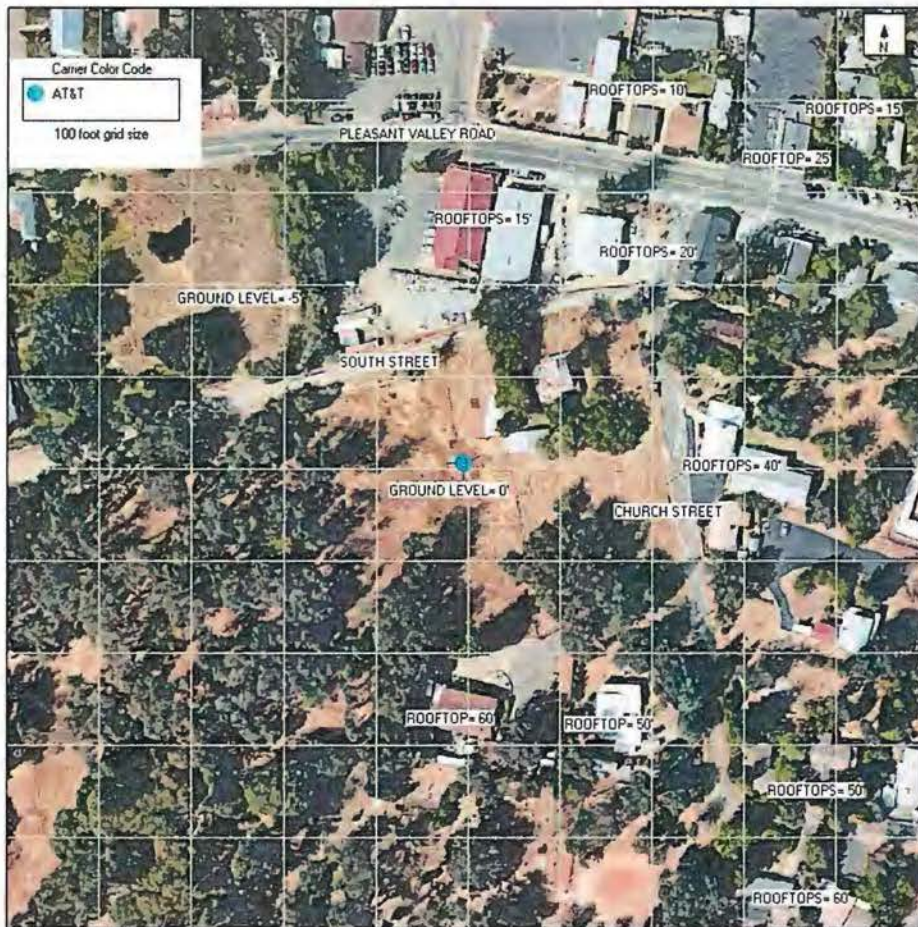


Figure 1: Antenna Locations

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, serves 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 0.6367% 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 0.4131% 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 in adjacent buildings by 5% of the General Population limits.

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

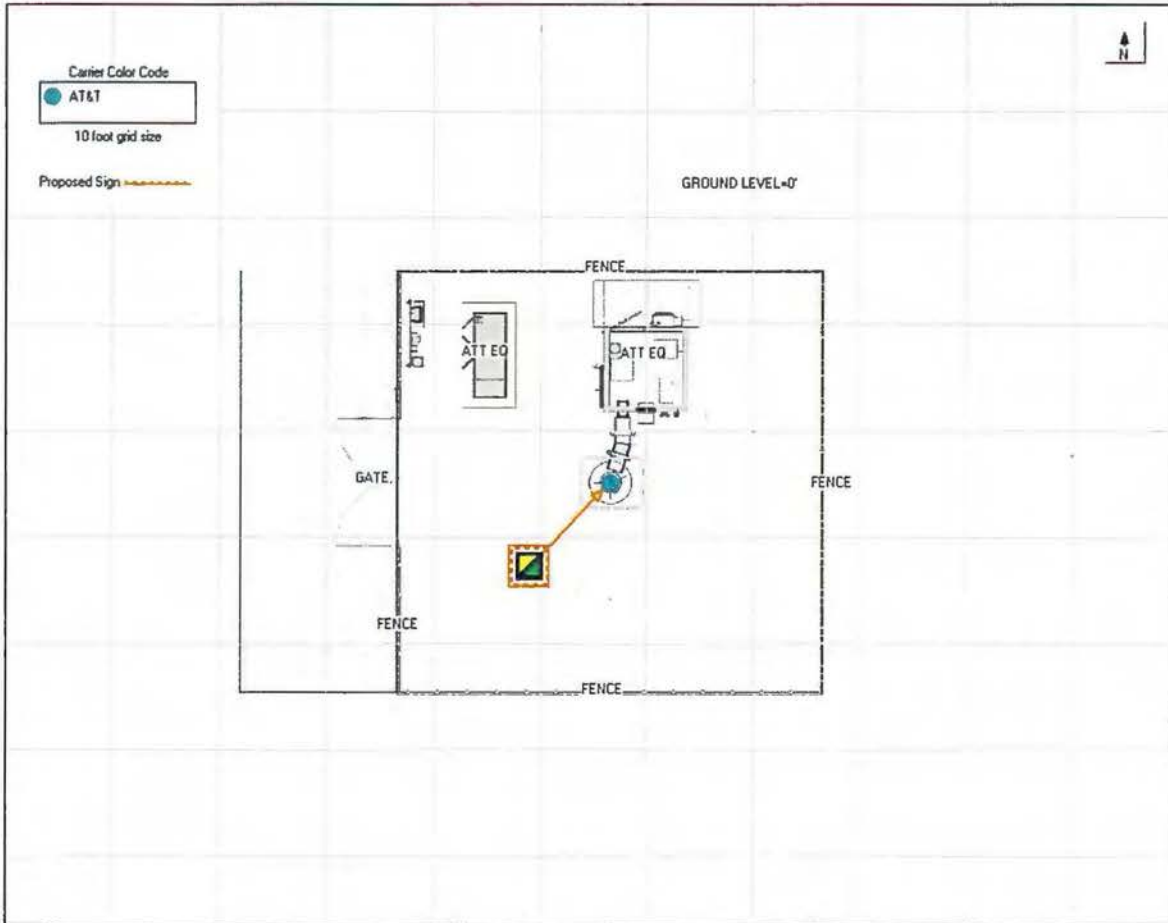


Figure 2: Mitigation Recommendations
Caution 2B posted at base of monopine



Appendix A: Operating Parameters Considered in this Analysis

Antenna #:	Carrier:	Manufacturer	Pattern:	Band:	Mech Az (deg):	Mech DT (deg):	H BW (deg):	Length (ft):	TPO (W):	Channels:	Loss (dB):	Gain (dBd):	ERP (W):	EIRP (W):	Rad Center (ft):
1	AT&T	KATHREIN	80010991 02DT	700	65	0	63.4	6.6	40	4	0	12.25	2686	4407	136
1	AT&T	KATHREIN	80010991 02DT	850	65	0	59.8	6.6	40	4	0	13.45	3541	5809	136
1	AT&T	KATHREIN	80010991 04DT	1900	65	0	64	6.6	40	4	0	13.75	3794	6225	136
1	AT&T	KATHREIN	80010991 02DT	2100	65	0	59.5	6.6	40	4	0	14.35	4356	7147	136
2	AT&T	KATHREIN	80010991 02DT	700	65	0	63.4	6.6	40	4	0	12.25	2686	4407	136
2	AT&T	KATHREIN	80010991 02DT	1900	65	0	63.7	6.6	40	4	0	13.85	3883	6370	136
3	AT&T	KATHREIN	80010991 02DT	700	65	0	63.4	6.6	40	2	0	12.25	1343	2203	136
3	AT&T	KATHREIN	80010991 02DT	850	65	0	59.8	6.6	40	2	0	13.45	1770	2905	136
3	AT&T	KATHREIN	80010991 02DT	2300	65	0	60.4	6.6	25	4	0	13.95	2483	4074	136
4	AT&T	KATHREIN	80010991 02DT	700	270	0	63.4	6.6	40	4	0	12.25	2686	4407	136
4	AT&T	KATHREIN	80010991 02DT	850	270	0	59.8	6.6	40	4	0	13.45	3541	5809	136
4	AT&T	KATHREIN	80010991 04DT	1900	270	0	64	6.6	40	4	0	13.75	3794	6225	136
4	AT&T	KATHREIN	80010991 02DT	2100	270	0	59.5	6.6	40	4	0	14.35	4356	7147	136
5	AT&T	KATHREIN	80010991 02DT	700	270	0	63.4	6.6	40	4	0	12.25	2686	4407	136
5	AT&T	KATHREIN	80010991 02DT	1900	270	0	63.7	6.6	40	4	0	13.85	3883	6370	136
6	AT&T	KATHREIN	80010991 02DT	700	270	0	63.4	6.6	40	2	0	12.25	1343	2203	136
6	AT&T	KATHREIN	80010991 02DT	850	270	0	59.8	6.6	40	2	0	13.45	1770	2905	136
6	AT&T	KATHREIN	80010991 02DT	2300	270	0	60.4	6.6	25	4	0	13.95	2483	4074	136
7	AT&T	KATHREIN	80010991 03DT	700	180	0	62.8	6.6	40	4	0	12.35	2749	4509	136
7	AT&T	KATHREIN	80010991 02DT	850	180	0	59.8	6.6	40	4	0	13.45	3541	5809	136
7	AT&T	KATHREIN	80010991 04DT	1900	180	0	64	6.6	40	4	0	13.75	3794	6225	136
7	AT&T	KATHREIN	80010991 02DT	2100	180	0	59.5	6.6	40	4	0	14.35	4356	7147	136
8	AT&T	KATHREIN	80010991 02DT	700	180	0	63.4	6.6	40	4	0	12.25	2686	4407	136
8	AT&T	KATHREIN	80010991 02DT	1900	180	0	63.7	6.6	40	4	0	13.85	3883	6370	136
9	AT&T	KATHREIN	80010991 02DT	700	180	0	63.4	6.6	40	2	0	12.25	1343	2203	136
9	AT&T	KATHREIN	80010991 02DT	850	180	0	59.8	6.6	40	2	0	13.45	1770	2905	136

Antenna #:	Carrier:	Manufacturer	Pattern:	Band:	Mech Az (deg):	Mech DT (deg):	H BW (deg):	Length (ft):	TPO (W):	Channels:	Loss (dB):	Gain (dBd):	ERP (W):	EIRP (W):	Rad Center (ft):
9	AT&T	KATHREIN	80010991 02DT	2300	180	0	60.4	6.6	25	4	0	13.95	2483	4074	136