

**EXHIBIT G: Submitted Site Plan**  
**Project CUP19-0007**  
**AT&T CAF II, Frenchtown 2 (Shingle Springs)**



**at&t**

**SITE NUMBER: CVL02082**  
**SITE NAME: FRENCHTOWN 2**  
**- BUTTE MEADOWS**

**5101 FRENCH CREEK RD**  
**SHINGLE SPRINGS, CA 95682**  
**JURISDICTION: EL DORADO COUNTY**  
**APN: 091-070-022-000**

**SITE TYPE: MONOPINE/EQUIPMENT SHELTER**

Issued For:  
**FRENCHTOWN 2 - BUTTE MEADOWS**  
 5101 FRENCH CREEK RD  
 SHINGLE SPRINGS, CA 95682

PREPARED FOR  
  
 2600 Camino Ramon, #1850 N  
 San Ramon, California 94583

**WIRELESS GROUP LLC**  
 Connecting a Wireless World

AT&T SITE NO: CVL02082  
PROJECT NO: 13787699  
DRAWN BY: SAD  
CHECKED BY: CES

REV	DATE	DESCRIPTION
0	05/14/19	JD/SJS
1	07/05/19	JD 1006

License:  
  
IS A NOTIFICATION OF LAW FOR ANY PROCEEDINGS THAT ARE BEING TAKEN TO KEEP THE ENGINEER FROM EXERCISING THE DUTIES OF AN ENGINEER.

Engineer:  
**ADAPTIVE RE-USE ENGINEERING**  
 Craig Horner, PE 84674  
 214-407-3184  
 3112 LEATHA WAY  
 SACRAMENTO, CA 95821  
 craighorner@yahoo.com

**PROJECT DESCRIPTION**

PROPOSED SITE BLDG UNMANNED TELECOMMUNICATIONS FACILITY.

1. BRING POWER / TELCO / FIBER TO SITE LOCATION
2. OBTAIN APPROVAL FROM DIVERSITY 407047 FENCED LEASE AREA
3. INSTALL AT&T APPROVED PRE-FABRICATED METAL IN EQUIPMENT SHELTER AND ASSOCIATED INTERIOR EQUIPMENT
4. ADD (1) PROPOSED SPS UNITS
5. ADD 3154'-0" ANTENNA BY FENCE AS 3154'-0"
6. ADD (12) ANTENNAS (4) FOR ALPHA, BETA, GAMA SECTOR
7. ADD (24) PROPOSED BRIS
8. ADD (4) BATTERY SUPPLIES
9. ADD 6'-0" HIGH CHAIN LINK FENCE
10. ADD 30HP AC DIESEL GENERATOR WITH ATTACHED 100 GALLON BELLY TANK

**PROJECT INFORMATION**

PROPERTY OWNER:  
 MATTHEW T. LIPPAM  
 911 HOOD FRANKLIN ROAD  
 HOOO, CA 95630

SITE NUMBER: CVL02082

SEARCH RING: FRENCHTOWN 2 - BUTTE MEADOWS

FA#: 13787699

SITE ADDRESS: 5101 FRENCH CREEK RD  
 SHINGLE SPRINGS, CA 95682

AP.N. NUMBER: 091-070-022-000

CURRENT USE: RL-10

PROPOSED USE: (U) UNMANNED TELECOMMUNICATION FACILITY

JURISDICTION: EL DORADO COUNTY

LATITUDE: N 38° 38' 03.18"  
LONGITUDE: W 120° 54' 42.23"

**PROJECT TEAM**

APPLICANT / LESSEE:  
 AT&T  
 5001 EXECUTIVE PARKWAY  
 SAN RAMON, CA 94583

POWER AGENCY:  
 PG&E  
 PG&E CORPORATION  
 1 MARKET STREET, SPEAR TOWER  
 SAN FRANCISCO, CA 94105  
 PH: 1-800-743-5000

TELEPHONE AGENCY:  
 AT&T  
 525 MARKET STREET, SPEAR TOWER  
 SAN FRANCISCO, CA 94105  
 PH: 1-800-310-2355

A&E DESIGN GROUP:  
 COMPANY: EPIC WIRELESS  
 CONTACT: CARL WESTER  
 CARL.WESTER@EPICWIRELESS.NET  
 PH: (530) 833-2783

ARCHITECT / ENGINEER:  
 ADAPTIVE RE-USE ENGINEERING  
 CONTACT: CRAIG HORNER, PE 84674  
 EMAIL: CRAIGHORNER@AUREO.COM  
 PH: (214) 407-3184

CIVIL VENDOR:  
 VINCULUMS SERVICES, LLC  
 CONTACT: MICHAEL ELMORE  
 EMAIL: MICHAEL.ELMORE@VINCULUMS.COM  
 PH: (916) 796-0226

SITE ACQUISITION:  
 COMPANY: EPIC WIRELESS  
 CONTACT: JARED KEARSLY (ZONING MGR.)  
 EMAIL: JARED.KEARSLY@EPICWIRELESS.NET  
 CELL: (916) 756-1326

CONSTRUCTION MGR.:  
 COMPANY: EPIC WIRELESS  
 CONTACT: ANDREW MEDINA  
 EMAIL: ANDREW.MEDINA@EPICWIRELESS.NET  
 PH: (530) 574-4773

**SHEET INDEX**

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**CODE COMPLIANCE**

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 CONSTRUCTED TO PERMIT WORK NOT CONFORMING TO THESE CODES:

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 & 2), (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 INTERNATIONAL MECHANICAL CODE)
5. 2016 CALIFORNIA PLUMBING CODE (CPC), PART 5, TITLE 24, C.C.R., (2015 INTERNATIONAL 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., (CALGreen)
11. 2016 CALIFORNIA REFERENCED STANDARDS, PART 12, TITLE 24 C.C.R.
12. ANSI/ISA-18.2-2009
13. ALONG WITH ANY OTHER APPLICABLE LOCAL & STATE LAWS AND REGULATIONS.

**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-203.4



**DIRECTIONS FROM AT&T**

DIRECTIONS FROM AT&T'S OFFICE AT 2600 CAMINO RAMON, SAN RAMON, CA

1. DEPART CAMINO RAMON TOWARD BISHOP DR - 0.3 MI
2. TURN RIGHT ONTO BELLEMEUR CANYON RD - 0.4 MI
3. TAKE RAMP RIGHT FOR I-880 NORTH TOWARD SACRAMENTO - 36.1 MI TOLL ROAD
4. TAKE RAMP RIGHT FOR I-80 EAST TOWARD SACRAMENTO - 41.4 MI
5. KEEP STRAIGHT ONTO I-80 E ON / US-50 E - 5.2 MI
6. KEEP STRAIGHT ONTO US-50 E - 31.8 MI
7. AT EXIT 27, TAKE RAMP RIGHT FOR R. SHINGLE RD / PIONEER RD TOWARD MOTHER LODE DR - 0.3 MI
8. BEAR RIGHT ONTO MOTHER LODE DR
9. BEAR RIGHT ONTO FRENCH CREEK RD - 5.4 MI
10. BEAR LEFT ONTO THE PROPERTY

ARRIVE AT  
 5101 FRENCH CREEK RD  
 SHINGLE SPRINGS, CA 95682  
 SITE ACCESS IS ON THE RIGHT

**APPROVED**  
**EL DORADO COUNTY**  
**PLANNING COMMISSION**

DATE: August 13, 2020  
 BY: Tiffany Schmid / JAS  
**EXECUTIVE SECRETARY**

**OCCUPANCY AND CONSTRUCTION TYPE**

OCCUPANCY: U (UNMANNED)  
CONSTRUCTION TYPE: U-8

**SPECIAL INSPECTIONS**

APPROVED BY:	DATE:

**APPROVALS**

APPROVED BY:	DATE:
AT&T:	
VENDOR:	
R.F.C.:	
LEASING / LANDLORD:	
ZONING:	
CONSTRUCTION:	
POWER / TELCO:	
PG&E:	

**GENERAL CONTRACTOR NOTES**

DO NOT SCALE DRAWINGS

THESE DRAWINGS ARE FORMATED TO BE FULL SIZE AT 24" x 36". CONTRACTOR SHALL VERIFY ALL PLANS AND EXISTING DIMENSIONS AND CONDITIONS ON THE JOB SITE 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.

**DIGALERT**  
  
 800-227-2600  
 Call 24/7 for locating Underground Services

SHEET TITLE:  
**TITLE SHEET**

SHEET NUMBER:  
**T-1**



Cell 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: CML02082 / FRENCHTOWN 2  
 Project Site Location: Inter. of Big Canyon Road  
 and French Creek Road  
 Shingle Springs, CA 95682  
 El Dorado County

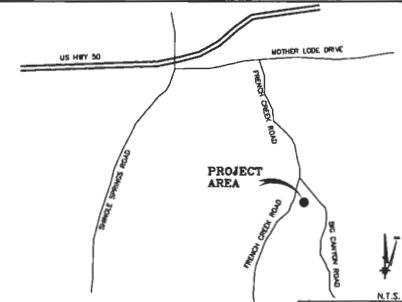
Date of Observation: 02-27-19  
 Equipment/Procedure Used to Obtain Coordinates: Trimble Pathfinder  
 Pro XL post processed with Pathfinder Office software.  
 Type of Antenna Mount: Proposed Monopole Tower  
 Coordinates (Proposed Tower Location)  
 Latitude: N 38° 38' 03.18" (NAD83) N 38° 38' 03.52" (NAD27)  
 Longitude: W 120° 54' 42.23" (NAD83) W 120° 54' 38.45" (NAD27)  
 ELEVATION of Ground at Structure (NAVD88) 1145.3' 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 O. Geil California RCE 14803

DATE OF SURVEY: 02-27-19  
 SURVEYED BY OR UNDER DIRECTION OF: KENNETH O. GEIL, RCE  
 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.C.S.  
 N.A.S.D. 80 DATUM, ABOVE MEAN SEA LEVEL, UNLESS  
 OTHERWISE NOTED.  
 N.G.V.D. 1929 CORRECTION: SUBTRACT 2.61' FROM ELEVATIONS  
 SHOWN.

CONTOUR INTERVAL: 1'  
 ASSESSOR'S PARCEL NUMBER: 091-070-022-000  
 LANDHOLD(S): MATTHEW T. LIPPMAN  
 911 HOOD FRANKLIN ROAD  
 HOOD, CA 95639



SHINGLE SPRINGS, CA VICINITY MAP

THESE DRAWINGS AND/OR THE ACCOMPANYING SPECIFICATION AS INSTRUMENTS OF  
 SERVICE, ARE THE EXCLUSIVE PROPERTY OF GEL 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 GEL ENGINEERING. TITLE TO  
 THESE PLANS AND/OR SPECIFICATIONS SHALL REMAIN WITH GEL 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.

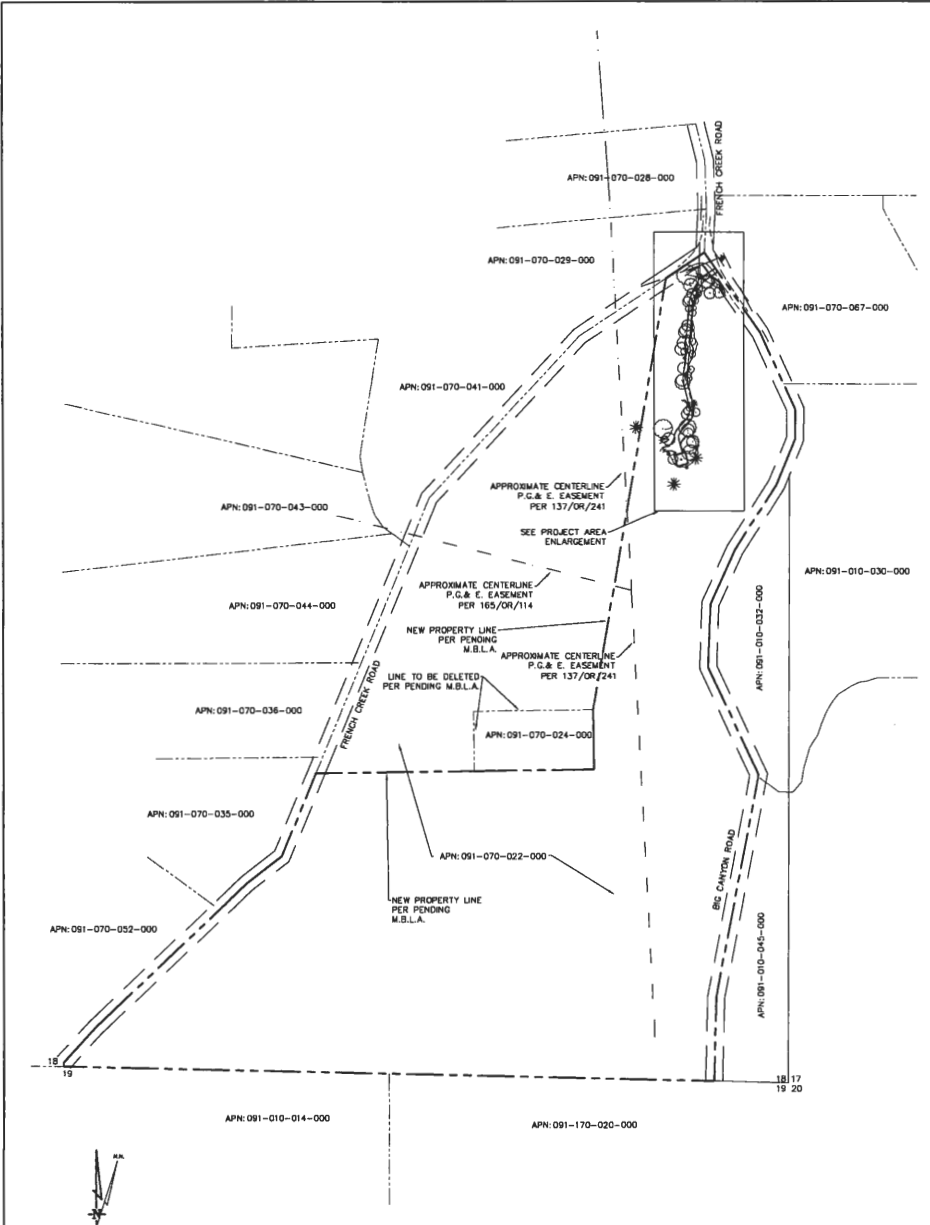
Loose Area Description  
 All that certain lease area being a portion of that certain parcel of land described in deed filed for  
 record on Document 2017-31229, Official Records of El Dorado County, and being a portion of Section  
 18, Township 9 North, Range 10 East, M.D.B. & M., and being located in the County of El Dorado, State  
 of California more particularly described as follows:  
 Commencing at 2" COP stamped L53423 being set for the East 1/4 corner of the above referenced  
 Section 18 from which a 3/4" Iron Pipe with 5/8" inside bears South 01°07'31" East 189.84 feet; thence  
 from said point of commencement South 37°22'50" West 357.94 feet to the True Point of Beginning  
 thence from said point of beginning North 16°01'30" East 40.00 feet; thence South 73°56'00" East 40.00  
 feet; thence South 16°01'30" East 40.00 feet; thence North 73°56'00" 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 73°06'30" West 17.00  
 feet from the Northeast corner of the above described lease area and running thence North 16°01'30"  
 West 43.84 feet; thence through a tangent curve to the right having a radius of 48.00 feet through an  
 arc distance of 48.12 feet; thence tangent to the east curve North 43°24'23" East 10.86 feet; thence  
 North 42°40'00" East 28.22 feet; thence through a tangent curve to the left having a radius of 60.00  
 feet through an arc distance of 59.39 feet; thence tangent to the east curve North 14°02'56" West 73.53  
 feet; thence through a tangent curve to the right having a radius of 100.00 feet through an arc  
 distance of 39.48 feet; thence tangent to the east curve North 08°34'20" East 25.99 feet; thence North  
 02°01'54" East 24.64 feet; thence North 03°46'50" East 28.41 feet; thence North 02°01'54" West 27.11  
 feet; thence North 07°06'48" East 30.04 feet; thence North 05°25'27" East 31.42 feet; thence North  
 02°08'15" East 38.52 feet; thence North 08°47'33" East 50.21 feet; thence through a tangent curve  
 to the right having a radius of 20.00 feet through an arc distance of 3.89 feet; thence tangent to the east  
 curve North 17°55'31" East 28.31 feet; thence through a tangent curve to the right having a radius of  
 55.00 feet through an arc distance of 13.75 feet; thence tangent to the east curve North 32°14'37" East  
 19.98 feet to a point hereafter defined as Point "A"; thence continuing North 32°14'37" East 8.88 feet;  
 thence through a tangent curve to the right having a radius of 48.00 feet through an arc distance of  
 19.07 feet; thence tangent to the east curve North 56°00'21" East 52.40 feet more or less to a point on  
 the Big Canyon Road Southern right of way and a point hereafter defined as Point "B".

Also together with a non-exclusive easement for utility purposes six feet in width the centerline of which  
 is described as follows: beginning at Point "A" as previously defined on running Thence North 00°06'21"  
 West 84.3 feet more or less to the existing utility pole.

Also together with a non-exclusive easement for utility purposes six feet in width the centerline of which  
 is described as follows: Commencing at Point "B" as previously defined on running Thence North 28°37'04"  
 East 33.56 feet more or less to a point on the Northern right of way line of Big Canyon Road and the  
 True Point of Beginning; thence from said point of beginning North 30°51'29" East 23.19 feet more or  
 less to the existing utility pole.

Also together with a non-exclusive easement for utility purposes six feet in width the South line of which  
 is identical to the North line of the above described lease area.



SCALE 1" = 200'  
 OVERALL PROJECT AREA

DEPT	APPROVED	DATE
ARC		
REC		
RF		
INT		
CHK		
DES		
REV		

CELL ENGINEERING  
 SURVEYING • ENGINEERING • PLANNING  
 1226 HIGH STREET  
 AUBURN, CA 95603-5015  
 PHONE: (530) 885-0426  
 FAX: (530) 823-1309

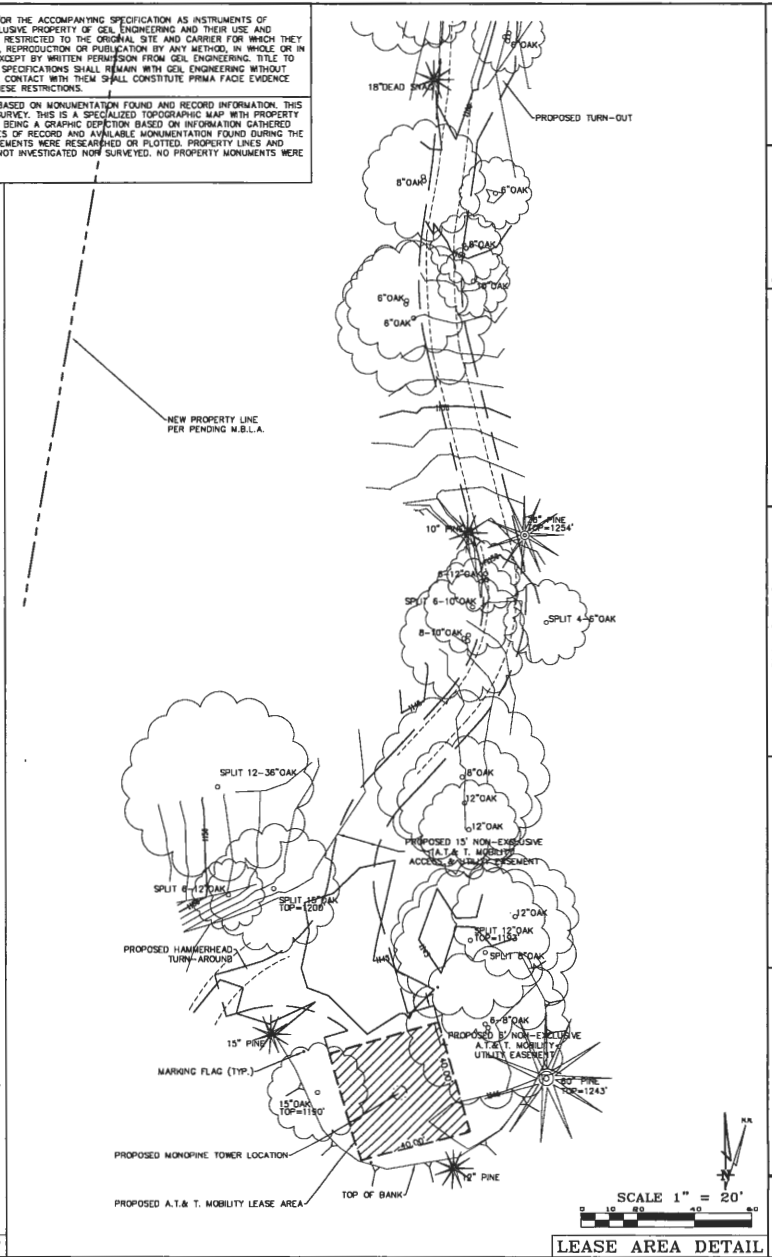
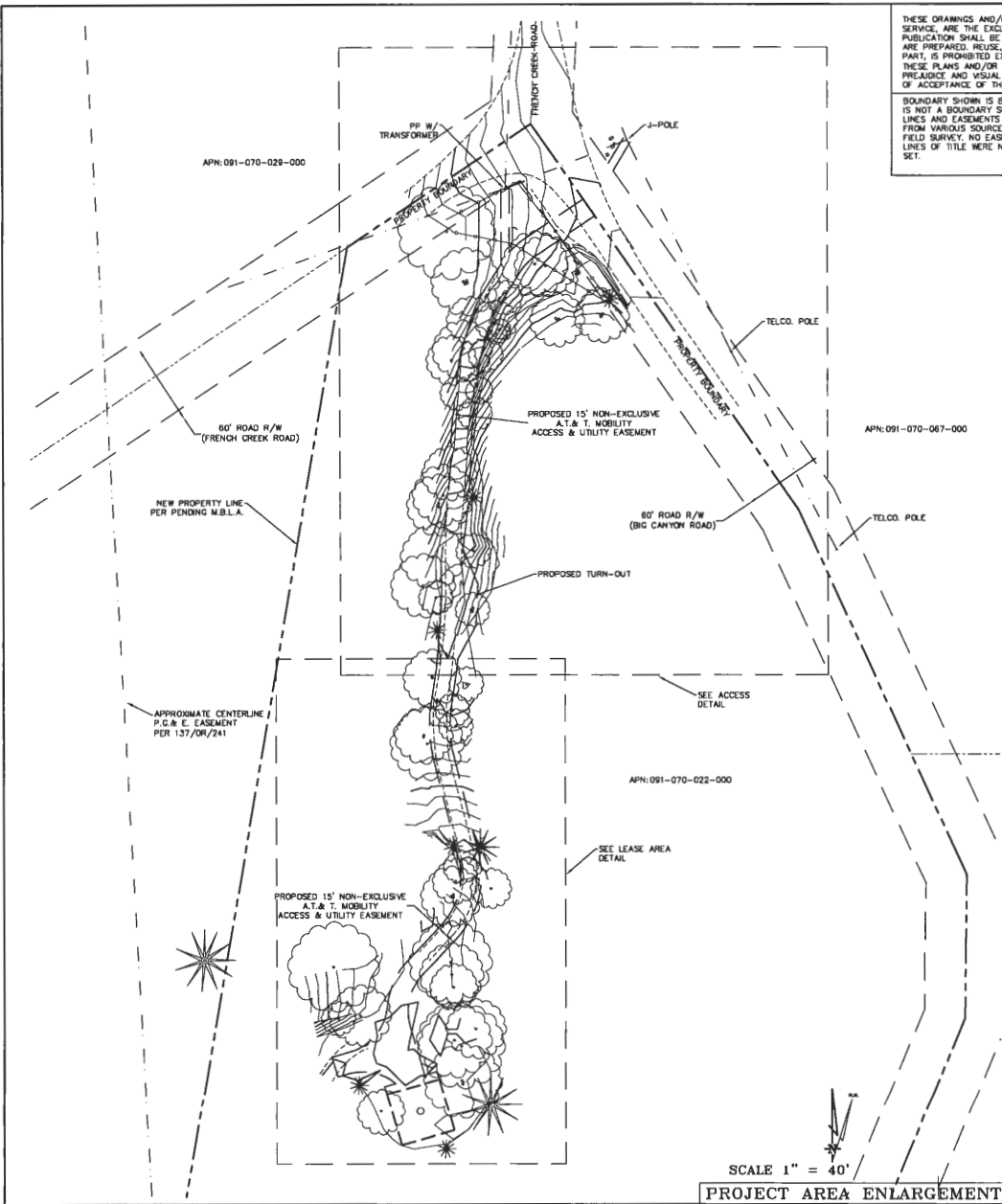
CVL02082  
 FRENCHTOWN 2  
 INTER. OF BIG CANYON ROAD  
 AND FRENCH CREEK ROAD  
 SHINGLE SPRINGS, CA 95682  
 PLOT PLAN AND  
 SITE TOPOGRAPHY

NO.	DATE	DESCRIPTION	BY	REV
01	03-01-19	Preliminary Drawing		NR
02	03-01-19	Final Drawing		NR
03	03-01-19	Issue		NR
04	03-01-19	Issue		NR
05	03-01-19	Issue		NR
06	03-01-19	Issue		NR
07	03-01-19	Issue		NR
08	03-01-19	Issue		NR
09	03-01-19	Issue		NR
10	03-01-19	Issue		NR

Sheet  
 C-1

THESE DRAWINGS AND/OR THE ACCOMPANYING SPECIFICATION AS INSTRUMENTS OF SERVICE, ARE THE EXCLUSIVE PROPERTY OF GEL 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 GEL ENGINEERING. TITLE TO THESE PLANS AND/OR SPECIFICATIONS SHALL REMAIN WITH GEL 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.



SCALE 1" = 40'  
PROJECT AREA ENLARGEMENT

SCALE 1" = 20'  
LEASE AREA DETAIL

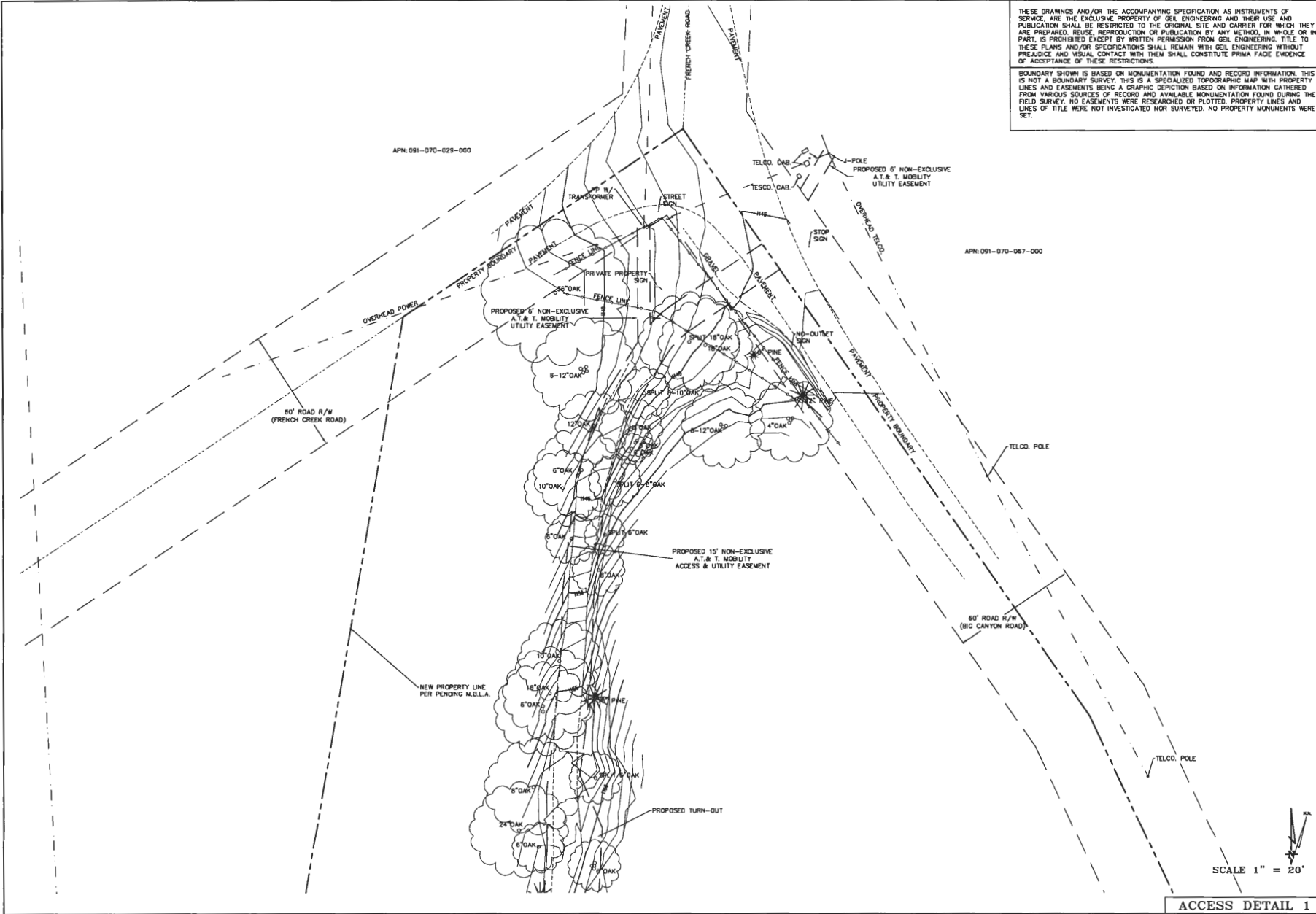
DEPT	APPROVED	DATE
ANC		
REC		
OFF		
ENV		
GEN		
EVG		
EVOUT		

Surveyor  
**GEL ENGINEERING**  
 2225 SHINGLE CREEK ROAD  
 SUITE 200  
 SHINGLE SPRINGS, CA 95682  
 PHONE: (916) 486-1254  
 FAX: (916) 486-1254

**at&t**  
**MOBILITY**

**CVL02082**  
**FRENCHTOWN 2**  
**INTER. OF BIG CANYON ROAD**  
**AND FRENCH CREEK ROAD**  
**SHINGLE SPRINGS, CA 95682**  
**PLOT PLAN AND**  
**SITE TOPOGRAPHY**

Sheet  
**C-2**



THESE DRAWINGS AND/OR THE ACCOMPANYING SPECIFICATION AS INSTRUMENTS OF SERVICE, ARE THE EXCLUSIVE PROPERTY OF GEL 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 GEL ENGINEERING. TITLE TO THESE PLANS AND/OR SPECIFICATIONS SHALL REMAIN WITH GEL ENGINEERING WITHOUT PREJUDICE AND VISUAL CONTACT WITH THEM SHALL CONSTITUTE PRIMA FACIE EVIDENCE OF ACCEPTANCE OF THESE RESTRICTIONS.

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DEPT	APPROVED	DATE
AMC		
RE		
RF		
EV		
EV		
EV		

Surveyor  
**GEL ENGINEERING**  
 CONSULTING ENGINEERS & ARCHITECTS  
 1000 N. 10TH STREET, SUITE 1000  
 FRENCH CREEK, CA 95682  
 TEL: (916) 486-1000



**CYL02082**  
**FRENCHTOWN 2**  
**INTER. OF BIG CANYON ROAD**  
**AND FRENCH CREEK ROAD**  
**SHINGLE SPRINGS, CA 95682**  
**PLOT PLAN AND**  
**SITE TOPOGRAPHY**

Sheet  
**C-3**

SCALE 1" = 20'

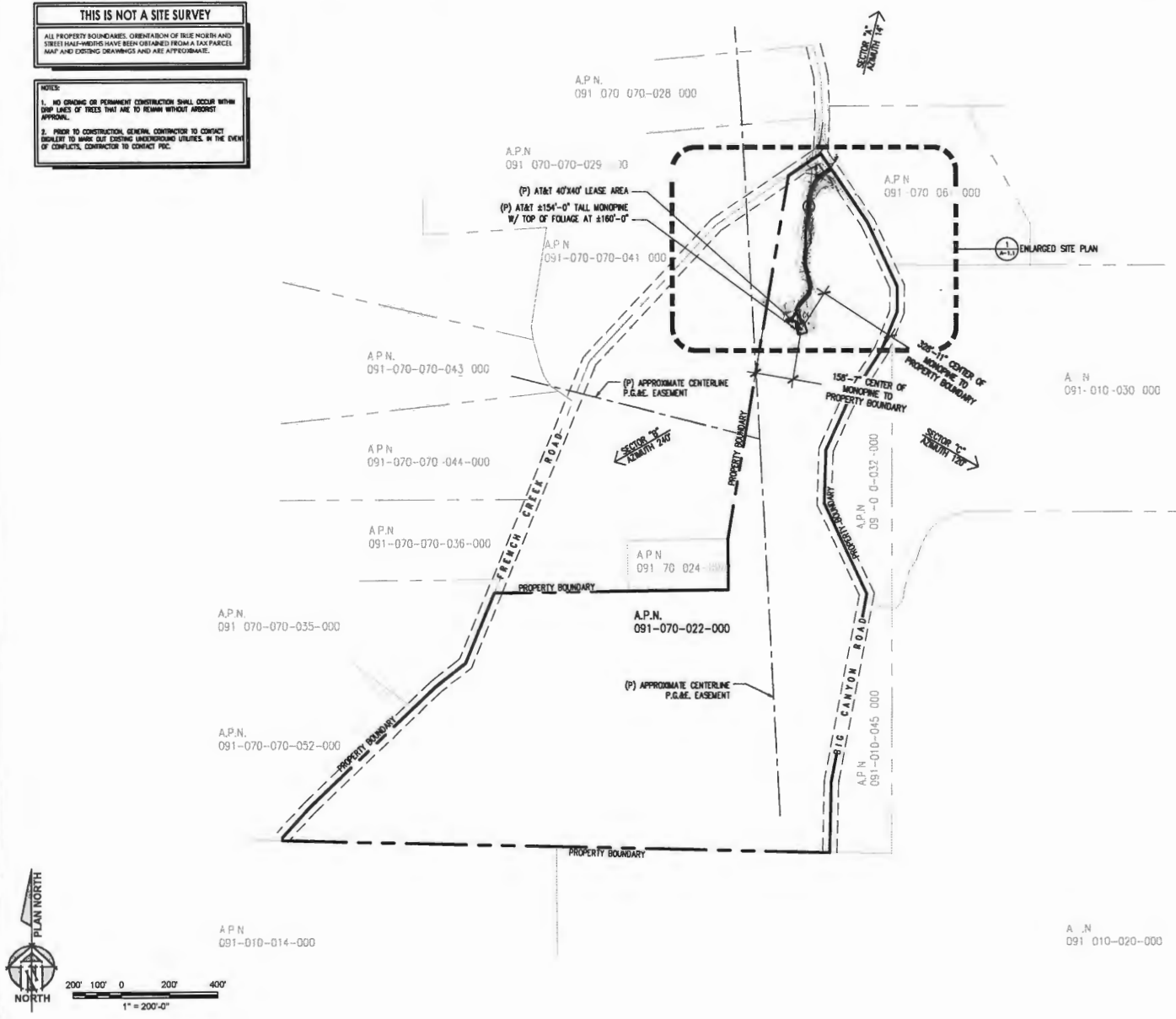
ACCESS DETAIL 1

**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.

**NOTES:**

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



Issued For:  
**FRENCHTOWN 2 - BUTTE MEADOWS**  
5101 FRENCH CREEK RD  
SHINGLE SPRINGS, CA 95682

PREPARED FOR  
 **at&t**  
2600 Camino Ramon, #W650 N  
San Ramon, California 94583

**EPIC**  
WIRELESS GROUP LLC  
Connecting a Wireless World

AT&T SHE NO: CVL02062  
PROJECT NO: 13787699  
DRAWN BY: SAD  
CHECKED BY: CES

REV	DATE	DESCRIPTION
0	09/14/19	00/00%
1	07/09/19	20/00%

Licenser:

**CRAIG W. HORNER**  
No. 84674  
CIVIL ENGINEER  
STATE OF CALIFORNIA

I, AS A HOLDER OF A LICENSE TO PRACTICE AS AN ENGINEER, HEREBY CERTIFY THAT I AM A REGISTERED PROFESSIONAL ENGINEER IN THE STATE OF CALIFORNIA.

Engineer:  
**ADAPTIVE RE-USE ENGINEERING**  
Craig Horner, PE 84674  
214-407-3184  
3112 LEATHA WAY  
SACRAMENTO, CA 95821  
craighorner@yahoo.com

SHEET TITLE:  
**OVERALL SITE PLAN**

SHEET NUMBER:  
**A-1**

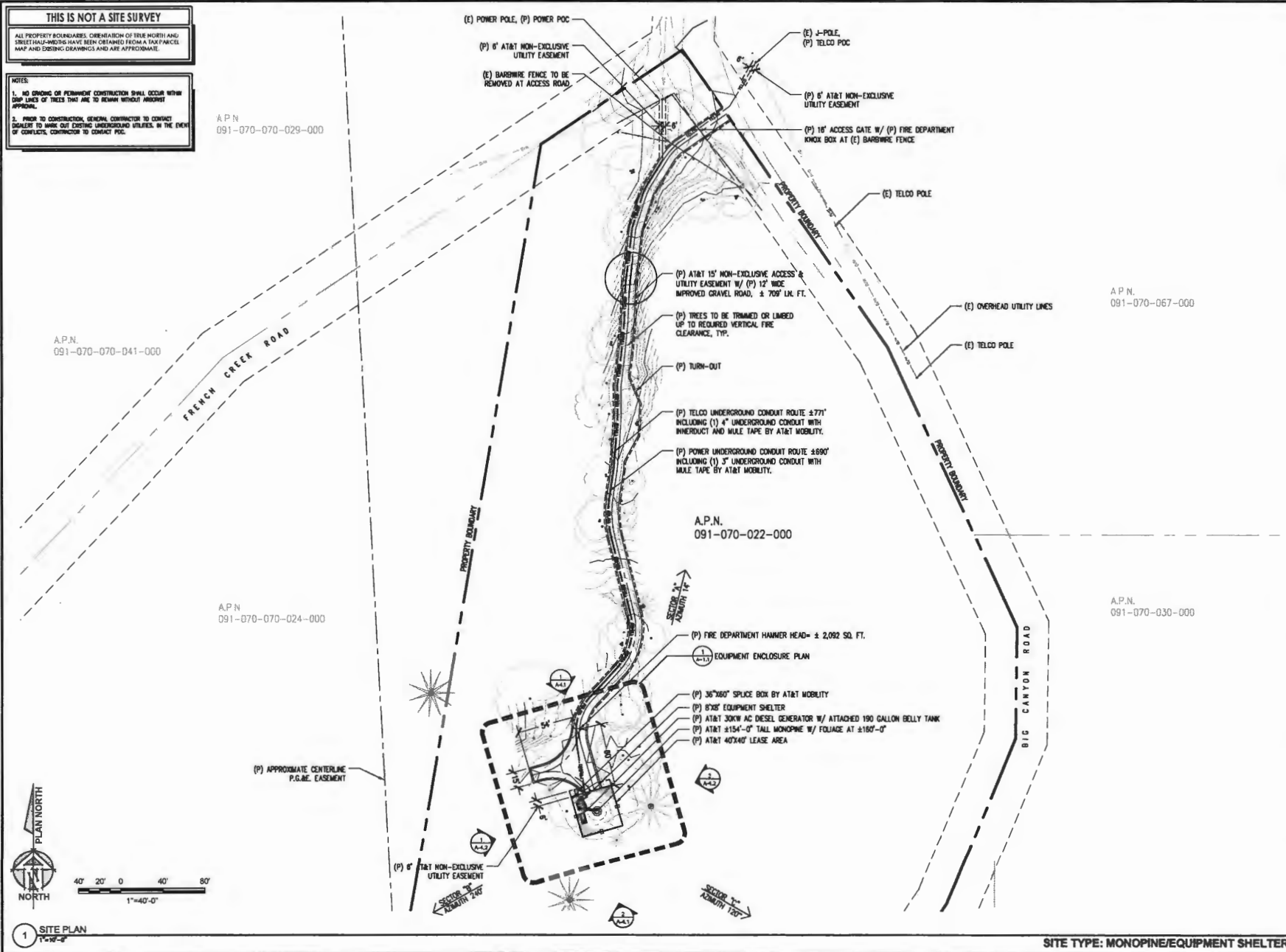
**THIS IS NOT A SITE SURVEY**

ALL PROPERTY BOUNDARIES, CORRELATION OF TRUE NORTH AND STREET DIMENSIONS HAVE BEEN OBTAINED FROM A TAX MAPS MAP AND EXISTING DRAWINGS AND ARE APPROXIMATE.

**NOTES:**

1. NO GRADING OR PERMANENT CONSTRUCTION SHALL OCCUR WITHIN STOP LINES OF TREES THAT ARE TO REMAIN WITHOUT APPROVAL.

2. PRIOR TO CONSTRUCTION, GENERAL CONTRACTOR TO CONTACT SURVEYOR TO MARK OUT EXISTING UNDERGROUND UTILITIES. IN THE EVENT OF CONFLICTS, CONTRACTOR TO CONTACT P.O.C.



A.P.N.  
091-070-070-029-000

A.P.N.  
091-070-070-041-000

A.P.N.  
091-070-070-024-000

A.P.N.  
091-070-022-000

A.P.N.  
091-070-067-000

A.P.N.  
091-070-030-000

Issued For:  
**FRENCHTOWN 2 - BUTTE MEADOWS**  
5101 FRENCH CREEK RD  
SHINGLE SPRINGS, CA 95862



AT&T SITE NO: CVL02082  
PROJECT NO: 13787699  
DRAWN BY: SAD  
CHECKED BY: CES

REV	DATE	DESCRIPTION
0	05/16/19	2D PLOT
1	07/05/19	2D PLOT



BE A VICTIM OF LAW FOR ANY PROJECT UNLESS THEY ARE NOT TO BE KEPT THE DIRECTOR OF A LICENSED PROFESSIONAL ENGINEER TO ALL THE OCCURRENCE.

Engineer:  
**ADAPTIVE RE-USE ENGINEERING**  
Craig Homer, PE 84674  
214-407-3184  
3112 LEATHA WAY  
SACRAMENTO, CA 95821  
craigohomer@yahoo.com

SHEET TITLE:  
**SITE PLAN**

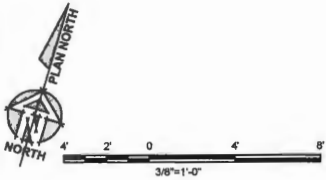
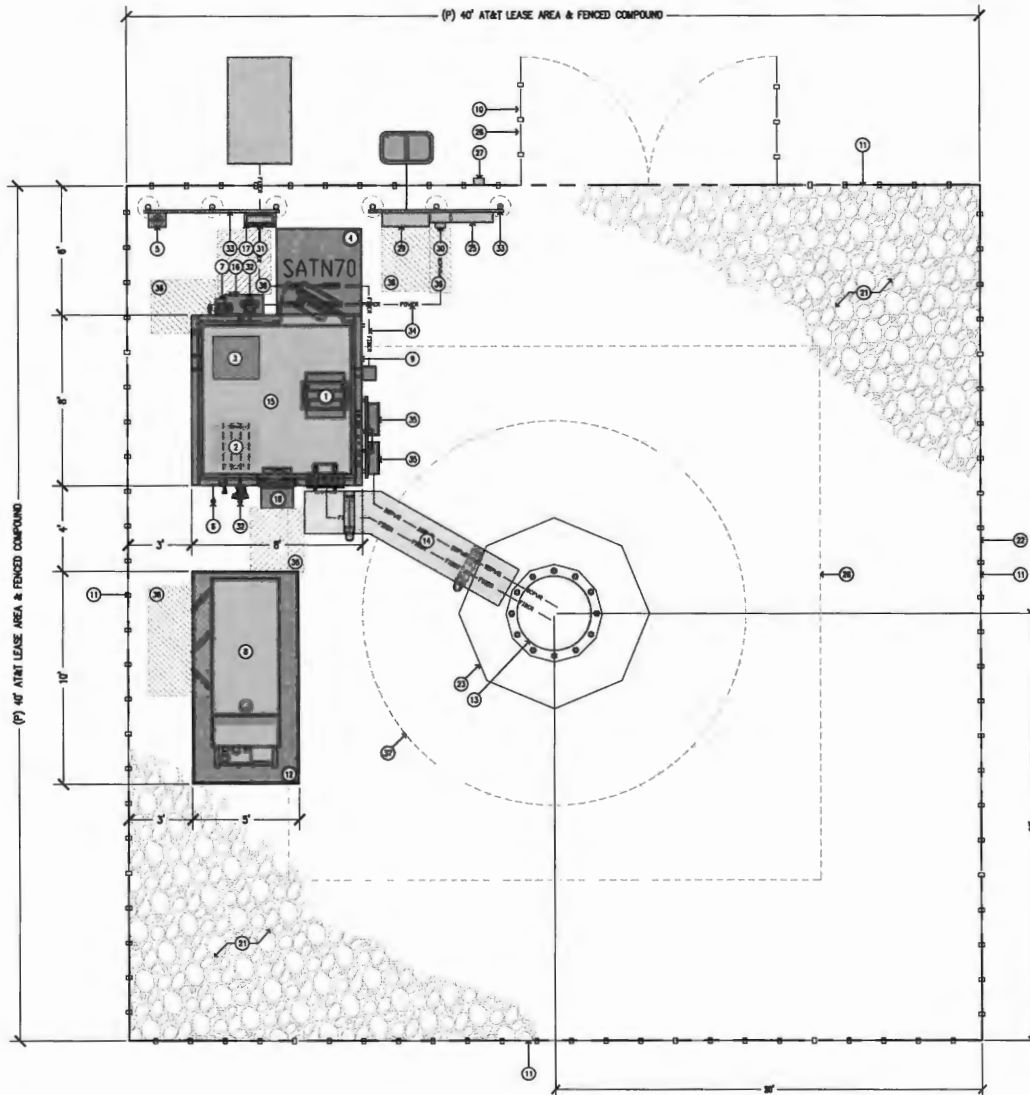
SHEET NUMBER:  
**A-1.1**

1 SITE PLAN  
1"=40'-0"

SITE TYPE: MONOPINE/EQUIPMENT SHELTER

**KEYNOTES**

- 1 4" X 4" SIGN
- 2 4" X 4" SIGN
- 3 POWER PLINE MARK OR OR SIGN OF DISTANCE
- 4 4" X 4" CONCRETE SIGN
- 5 4" X 4" CONCRETE SIGN
- 6 4" X 4" CONCRETE SIGN
- 7 4" X 4" CONCRETE SIGN
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- 98 4" X 4" CONCRETE SIGN
- 99 4" X 4" CONCRETE SIGN
- 100 4" X 4" CONCRETE SIGN



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

SITE TYPE: MONOPINE/EQUIPMENT SHELTER

Issued For:  
**FRENCHTOWN 2 - BUTTE MEADOWS**  
5101 FRENCH CREEK RD  
SHINGLE SPRINGS, CA 95682

PREPARED FOR  
 **at&t**  
3650 Camino Ramon, #1850 N  
San Ramon, California 94583

**EPIC**  
**WIRELESS GROUP LLC**  
Connecting a Wireless World

AT&T SITE NO: CVL02082  
PROJECT NO: 13787699  
DRAWN BY: SAD  
CHECKED BY: CES

REV	DATE	DESCRIPTION
0	05/14/19	TD 1026
1	07/06/19	TD 1026

Licensor:  
 **CRAG M. HORNER**  
No. 84674  
CIVIL  
STATE OF CALIFORNIA  
IT IS A VIOLATION OF LAW FOR ANY PERSON OR FIRM TO ASSUME THE ACTIVE ENGAGEMENT OF A LICENSED PROFESSIONAL ENGINEER TO ALTER THE CONTENTS OF THIS DOCUMENT.

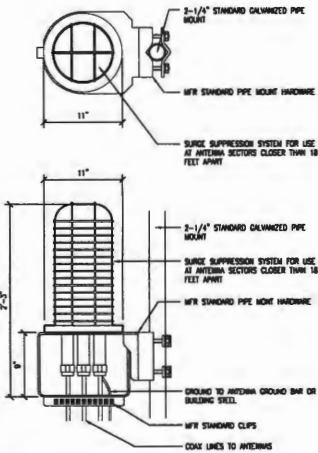
Engineer:  
**ADAPTIVE RE-USE ENGINEERING**  
Craig Horner, PE 84674  
214-407-3184  
3112 LEATHA WAY  
SACRAMENTO, CA 95821  
craighorner@yahoo.com

SHEET TITLE:  
**EQUIPMENT AREA PLAN**

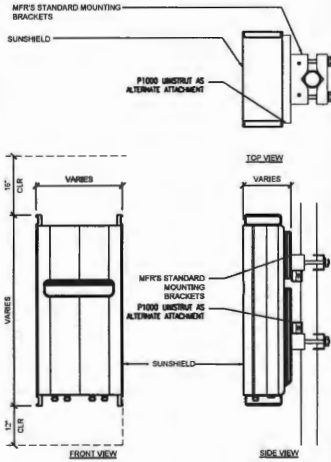
SHEET NUMBER:  
**A-2**



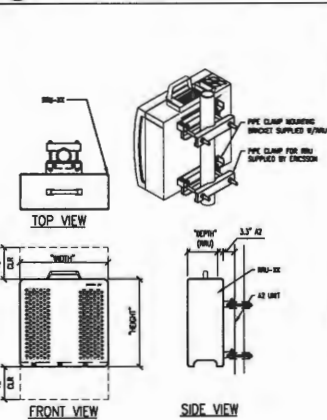
SHOCK PCB-48-00-18-DC-A  
 PCB-48-00-0-DC-DC-SURGE SUPPRESSION  
 SOLUTION BLACK/SILVER  
 DIMENSIONS: 11" DIA X 27" TALL W/ 4" BITE  
 WEIGHT: +/- 50 LBS. (INCLUDING MOUNTING HARDWARE)



1 DC SURGE SUPPRESSION (SQUID)  
 1 1/2"x1'-0"

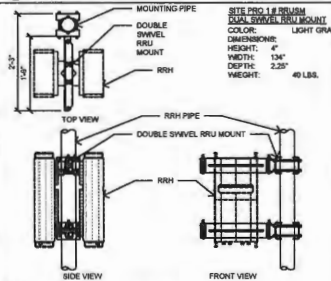


2 TYPICAL RRU MOUNTING  
 1 1/2"x1'-0"

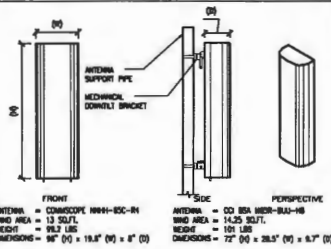


TYPE	HEIGHT	WIDTH	DEPTH	WEIGHT
RRUS-42	20.4"	18.2"	7.5"	53 LBS
RRUS-4478 B4	18.1"	13.4"	8.26"	53.4 LBS
RRUS-4415 B25	14.96"	13.19"	5.39"	46 LBS
RRUS-4415 B30	14.96"	13.19"	5.39"	46 LBS
RRUS-4449 B5/B2	28"	15"	10"	85 LBS
RRUS-6843 B2/B6	28"	15"	10"	85 LBS

3 ERICSSON RRU-REMOTE RADIO UNIT  
 1 1/2"x1'-0"



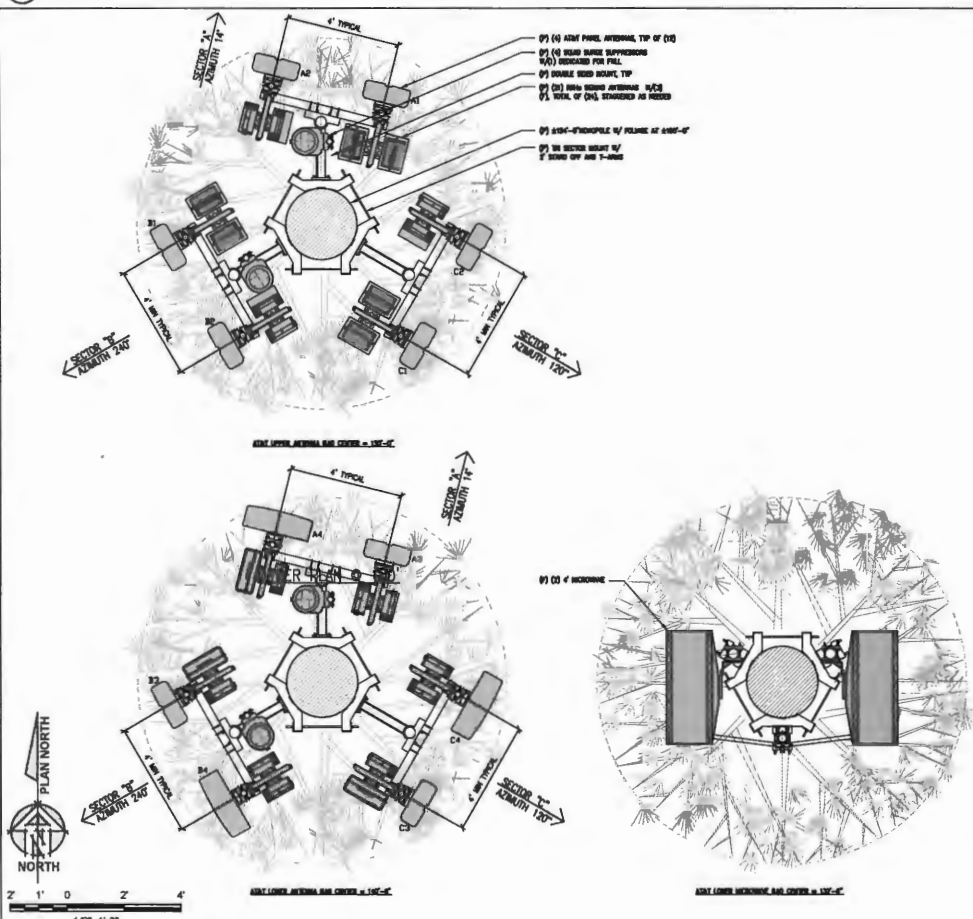
4 DOUBLE SIDED RRU MOUNT  
 3/4"x1'-0"



5 ANTENNA SPEC  
 3/4"x1'-0"

RF SCHEDULE										
SECTOR	ANTENNA MODEL NO.	TECHNOLOGY	AZIMUTH	RAD CENTER	RRU	DIPLXER	FIBER LENGTH	COAX LENGTH	FIBER NO.	
A	A1	COMSCOPE N94H-GSC-R4	700/PCSE	14°	± 150'-0"	CD BRUS, CD D7 BRUS	N/A	± 180"	± N/A	TRUNK 1
	A2	COMSCOPE N94H-GSC-R4	314/AVE	14°	± 150'-0"	CD BRUS, CD D7 BRUS	N/A	± 180"	± N/A	TRUNK 1
	A3	COMSCOPE N94H-GSC-R4	329/PCSE	14°	± 140'-0"	CD BRUS	N/A	± 170"	± N/A	TRUNK 1
B	B1	CCI BSA-H55R-BUJ-HG-K	FVLL-SPLT1 CSEA	14°	± 140'-0"	CD BRUS	N/A	± 170"	± N/A	TRUNK 3
	B2	COMSCOPE N94H-GSC-R4	700/PCSE	240°	± 150'-0"	CD BRUS, CD D7 BRUS	N/A	± 180"	± N/A	TRUNK 2
	B3	COMSCOPE N94H-GSC-R4	314/AVE	240°	± 150'-0"	CD BRUS, CD D7 BRUS	N/A	± 180"	± N/A	TRUNK 2
C	C1	COMSCOPE N94H-GSC-R4	329/PCSE	240°	± 140'-0"	CD BRUS	N/A	± 170"	± N/A	TRUNK 2
	C2	CCI BSA-H55R-BUJ-HG-K	FVLL-SPLT1 CSEA	240°	± 140'-0"	CD BRUS	N/A	± 170"	± N/A	TRUNK 3
	C3	COMSCOPE N94H-GSC-R4	700/PCSE	120°	± 150'-0"	CD BRUS	N/A	± 180"	± N/A	TRUNK 4
D	D1	COMSCOPE N94H-GSC-R4	314/AVE	120°	± 150'-0"	CD BRUS, CD D7 BRUS	N/A	± 180"	± N/A	TRUNK 4
	D2	COMSCOPE N94H-GSC-R4	329/PCSE	120°	± 140'-0"	CD BRUS	N/A	± 170"	± N/A	TRUNK 4
	D4	COMSCOPE N94H-GSC-R4	FVLL-SPLT1 CSEA	120°	± 140'-0"	CD BRUS	N/A	± 170"	± N/A	TRUNK 3
RFES DATES 03/13/2019, ISSUE 1.0000 REVISION 6/19/2019					CD PROPOSED BRUS					
					CD FUTURE BRUS					
					CD TOTAL BRUS					
D7) CD 4" MICROWAVES										

6 RF SCHEDULE  
 8'x10' SCALE



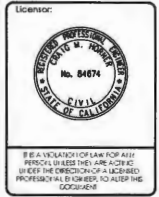
7 ENLARGED ANTENNA PLAN  
 1/2"x1'-0"

Issued For:  
**FRENCHTOWN 2 - BUTTE MEADOWS**  
 5101 FRENCH CREEK RD  
 SHINGLE SPRINGS, CA 95682



AT&T SITE NO: CVL02082  
 PROJECT NO: 13787699  
 DRAWN BY: SAD  
 CHECKED BY: CES

REV	DATE	DESCRIPTION
0	05/14/19	2D PLOT
1	07/09/19	2D 100%



Engineer:  
**ADAPTIVE RE-USE ENGINEERING**  
 Craig Homer, PE 84674  
 214-407-3184  
 3112 LEATHA WAY  
 SACRAMENTO, CA 95821  
 craighomer@yahoo.com

SHEET TITLE:  
**ANTENNA PLAN & DETAILS**

SHEET NUMBER:  
**A-3**

SITE TYPE: MONOPINE/EQUIPMENT SHELTER





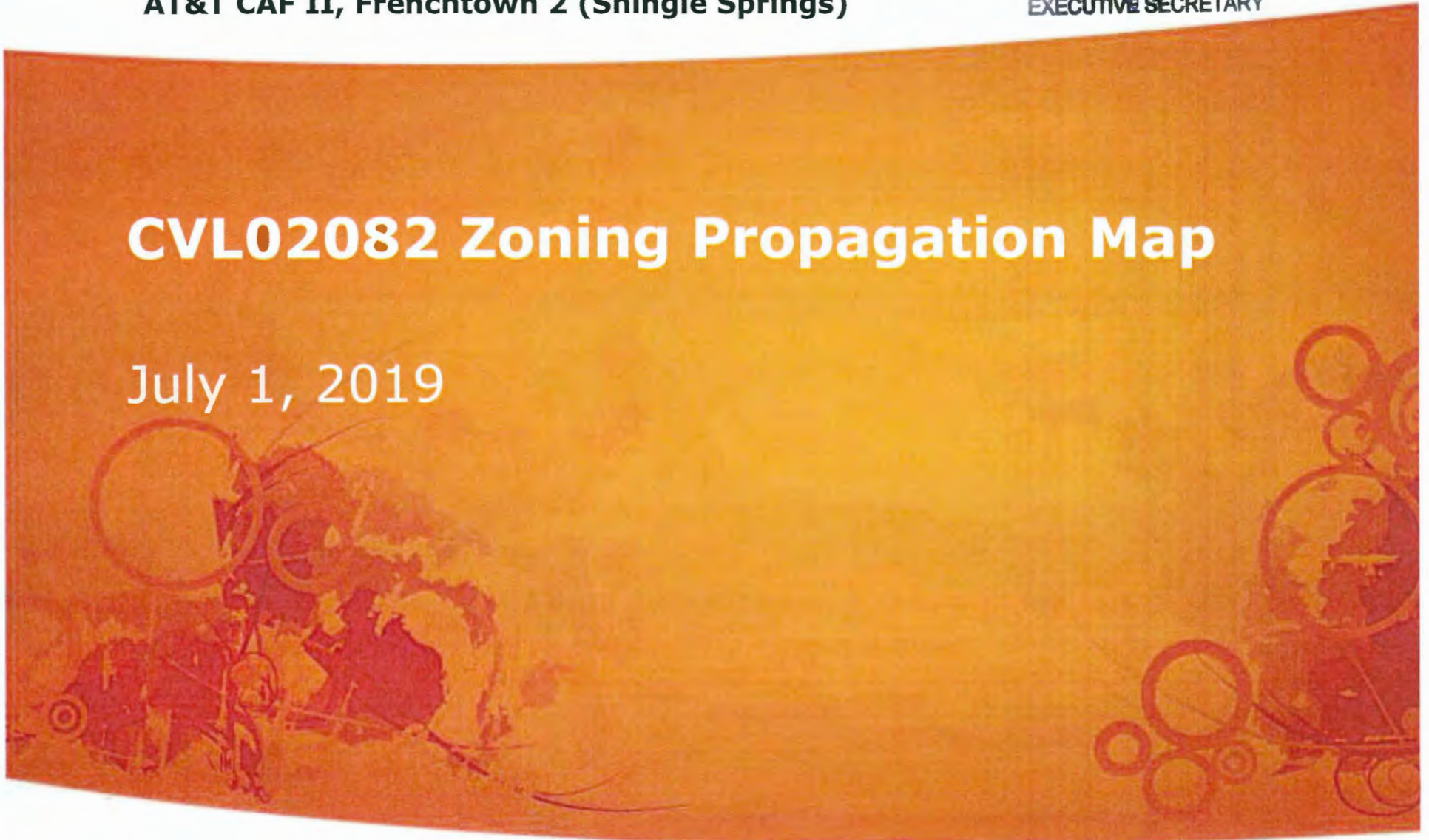
**EXHIBIT H: Coverage Maps**  
**Project CUP19-0007**  
**AT&T CAF II, Frenchtown 2 (Shingle Springs)**

**APPROVED**  
**EL DORADO COUNTY**  
**PLANNING COMMISSION**

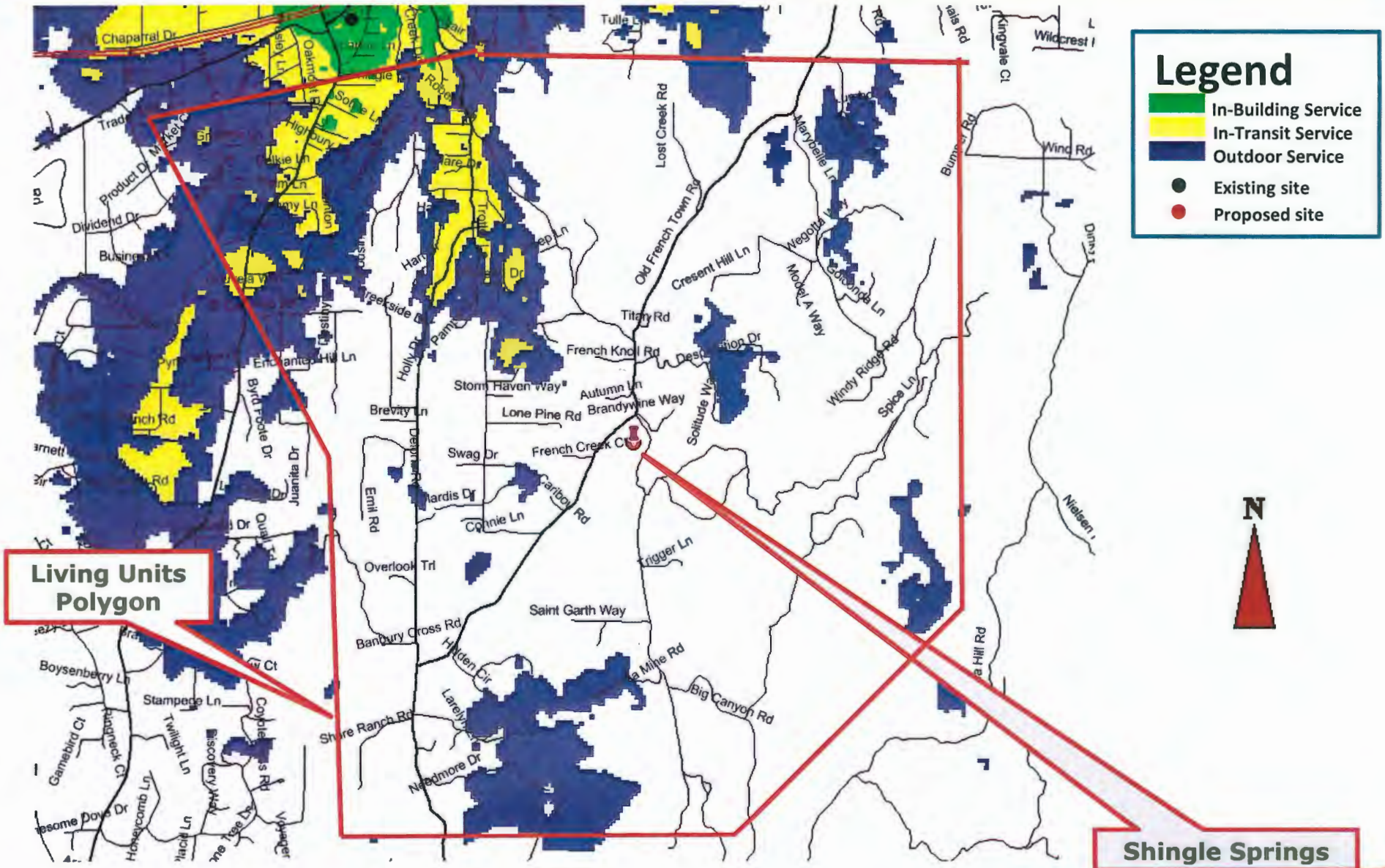
DATE August 13, 2020  
BY Tiffany Schmid/GPS  
EXECUTIVE SECRETARY

# CVL02082 Zoning Propagation Map

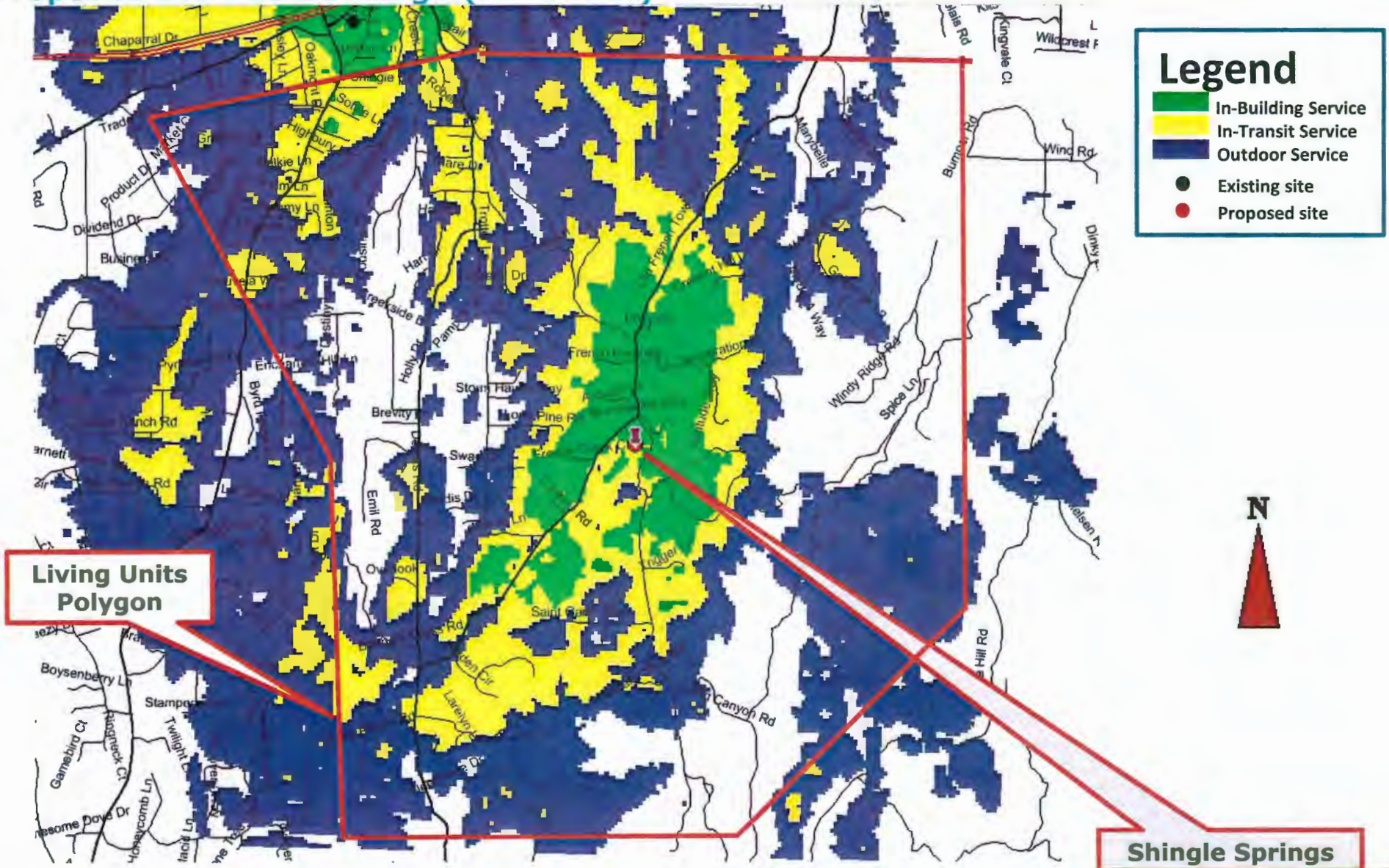
July 1, 2019



# Existing LTE 700 Coverage



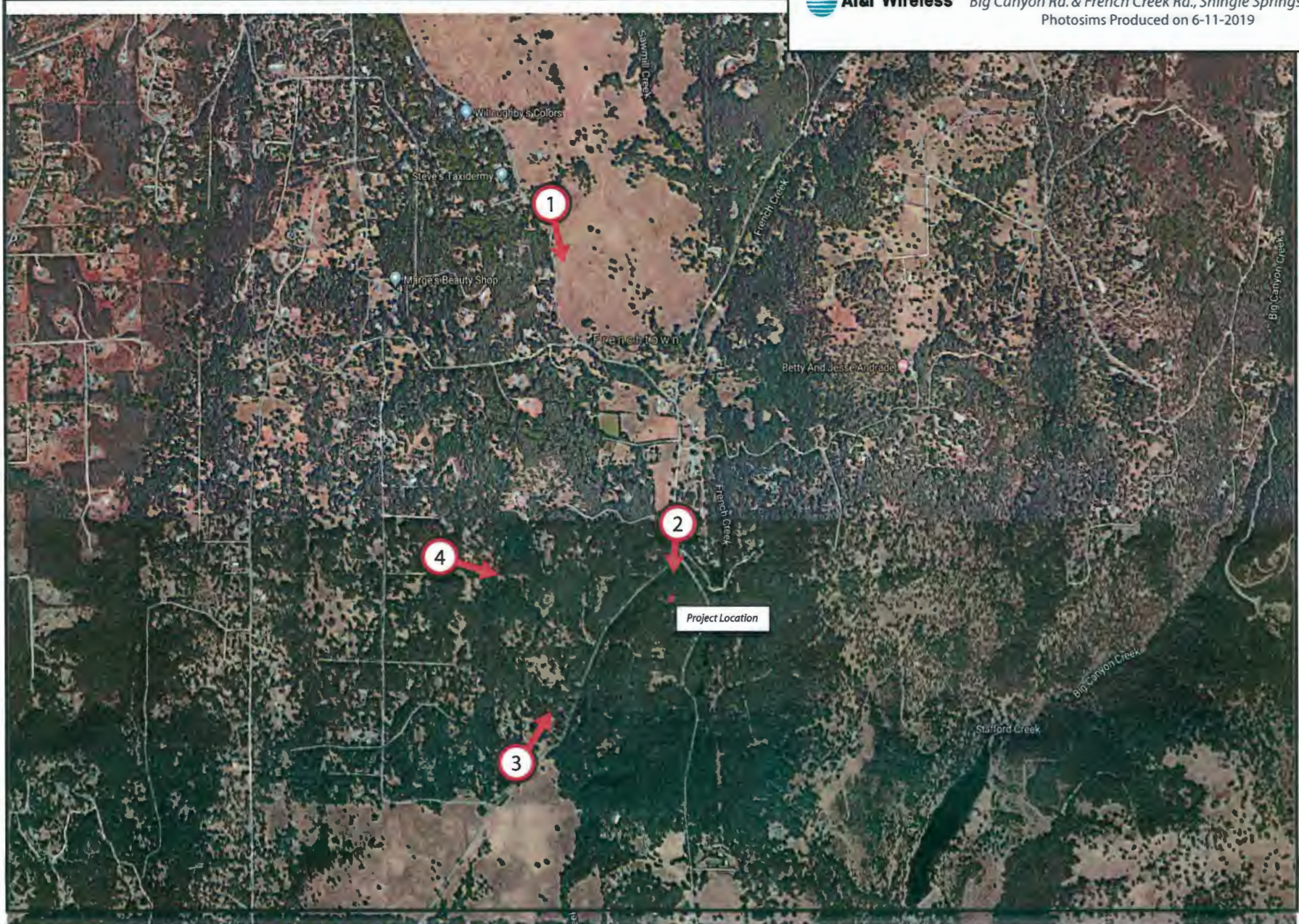
# Proposed LTE 700 Coverage (RC = 110')



**EXHIBIT I: Photosimulations**  
**Project CUP19-0007**  
**AT&T CAF II, Frenchtown 2 (Shingle Springs)**



CVL02082 Frenchtown 2 - Butte Meadows  
Big Canyon Rd. & French Creek Rd., Shingle Springs, CA  
Photosims Produced on 6-11-2019



DATE August 13, 2020  
BY Tiffany Schmid/gos  
EXECUTIVE SECRETARY

**AdvanceSim**  
Photo Simulation Solutions  
Contact (925) 202-8507

**APPROVED**  
**EL DORADO COUNTY**  
**PLANNING COMMISSION**

Shot Point Map

*Existing*



*Proposed*



*view from French Creek Road looking southeast at site*



*Existing*



*Proposed*



*view from French Creek Road looking south at site*

*Existing*



*Proposed*



*view from West Mono Road looking north at site*

*Existing*



*Proposed*



*view from Lone Pine Road looking east at site*

# EXHIBIT K

## Radio Frequency Emissions Compliance Report For AT&T Mobility

Site Name:	Frenchtown 2-Butte Meadows	Site Structure Type:	Monopine
Address:	Intersection of Big Canyon Road & French Creek Road Shingle Springs, California	Latitude:	38.634361
Report Date:	July 12, 2019	Longitude:	-120.911608
		Project:	Modification

### Compliance Statement

Based on information provided by AT&T Mobility and predictive modeling, the Frenchtown 2-Butte Meadows 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, 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. 2019.07.19 10:58:38 -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.

APPROVED  
EL DORADO COUNTY  
PLANNING COMMISSION

DATE: August 13, 2020  
BY: Tiffany Schmid/gps  
EXECUTIVE SECRETARY

Table 1: FCC Limits

Frequency (MHz)	Limits for General Population/ Uncontrolled Exposure		Limits for Occupational/ Controlled Exposure	
	Power Density (mW/cm <sup>2</sup> )	Averaging Time (minutes)	Power Density (mW/cm <sup>2</sup> )	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:

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

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<sub>in</sub> is the power input to the antenna, θ<sub>BW</sub> 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:

- INSTALL AT&T APPROVED PRE-MANUFACTURED WALK IN EQUIPMENT SHELTER AND ASSOCIATED INTERIOR EQUIPMENT
- ADD (12) ANTENNAS (4) PER ALPHA, BETA, GAMMA SECTOR
- ADD (24) PROPCSED RRUS

The antennas will be mounted on a 154-foot monopine with centerlines 140 and 150 feet above ground level. The antennas will be oriented towards 14, 120 and 240 degrees. The radio equipment to be operated at this location is capable of a maximum of 40W per 4G channel at 700 MHz, 40W per 4G channel at 850 MHz, 40W per 4G channel at 1900 MHz, 40W per 4G channel at 2100 MHz, and 25W per 4G channel at 2300 MHz. 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.

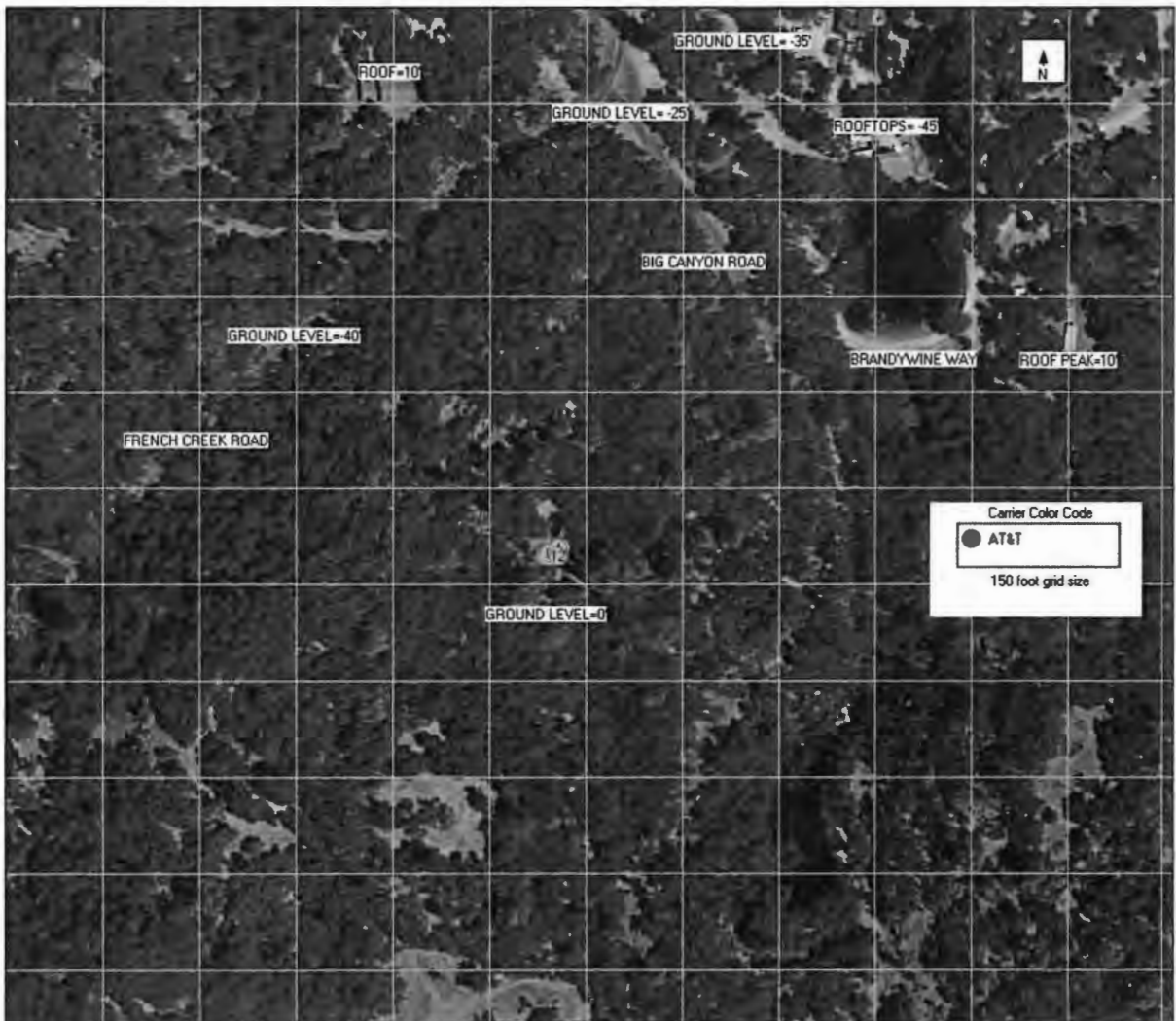


Figure 1: Antenna Locations

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 0.4694% 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 0.0675% 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.

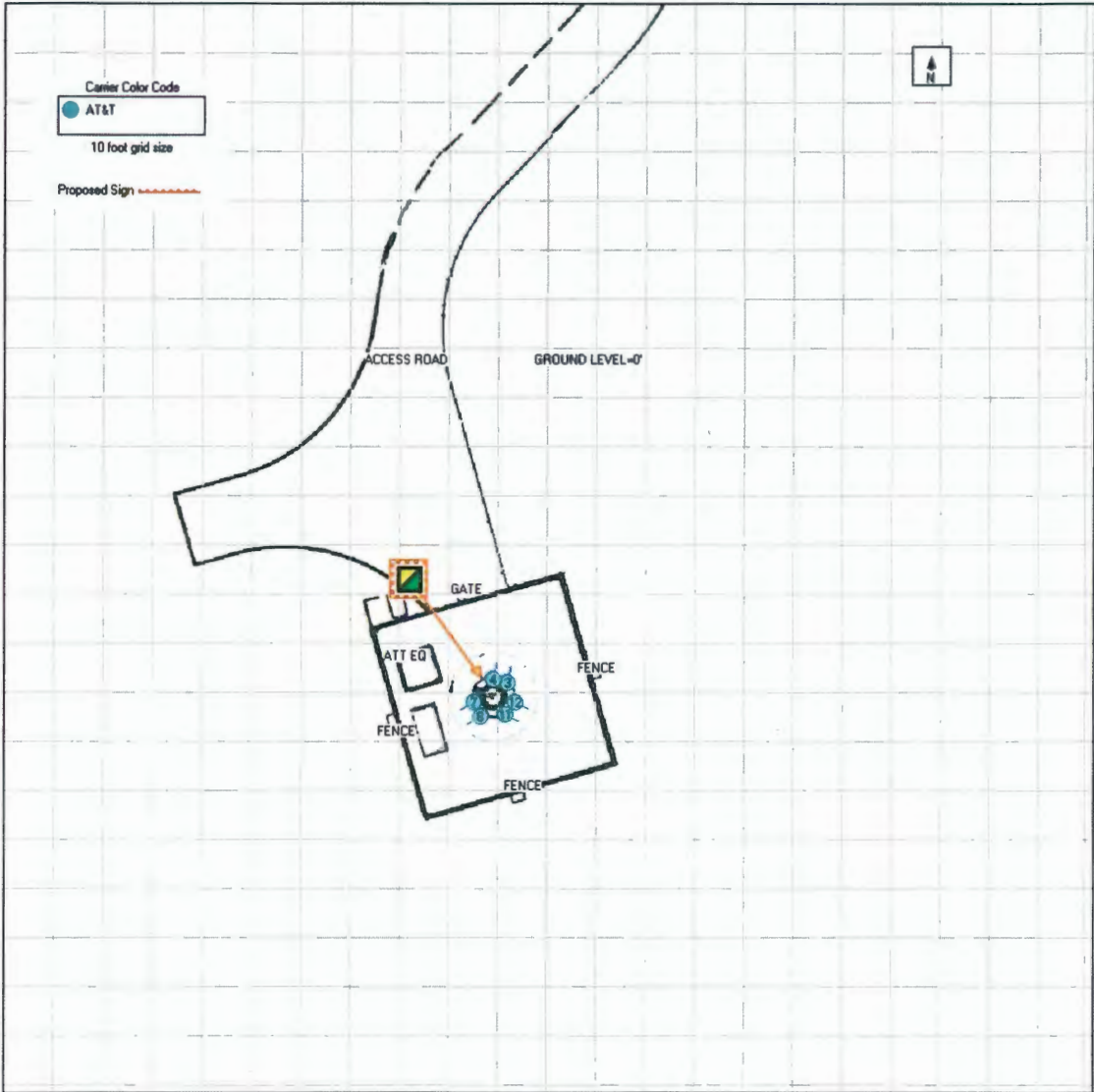


Figure 2: Mitigation Recommendations  
Caution 2B posted at base of monopine

