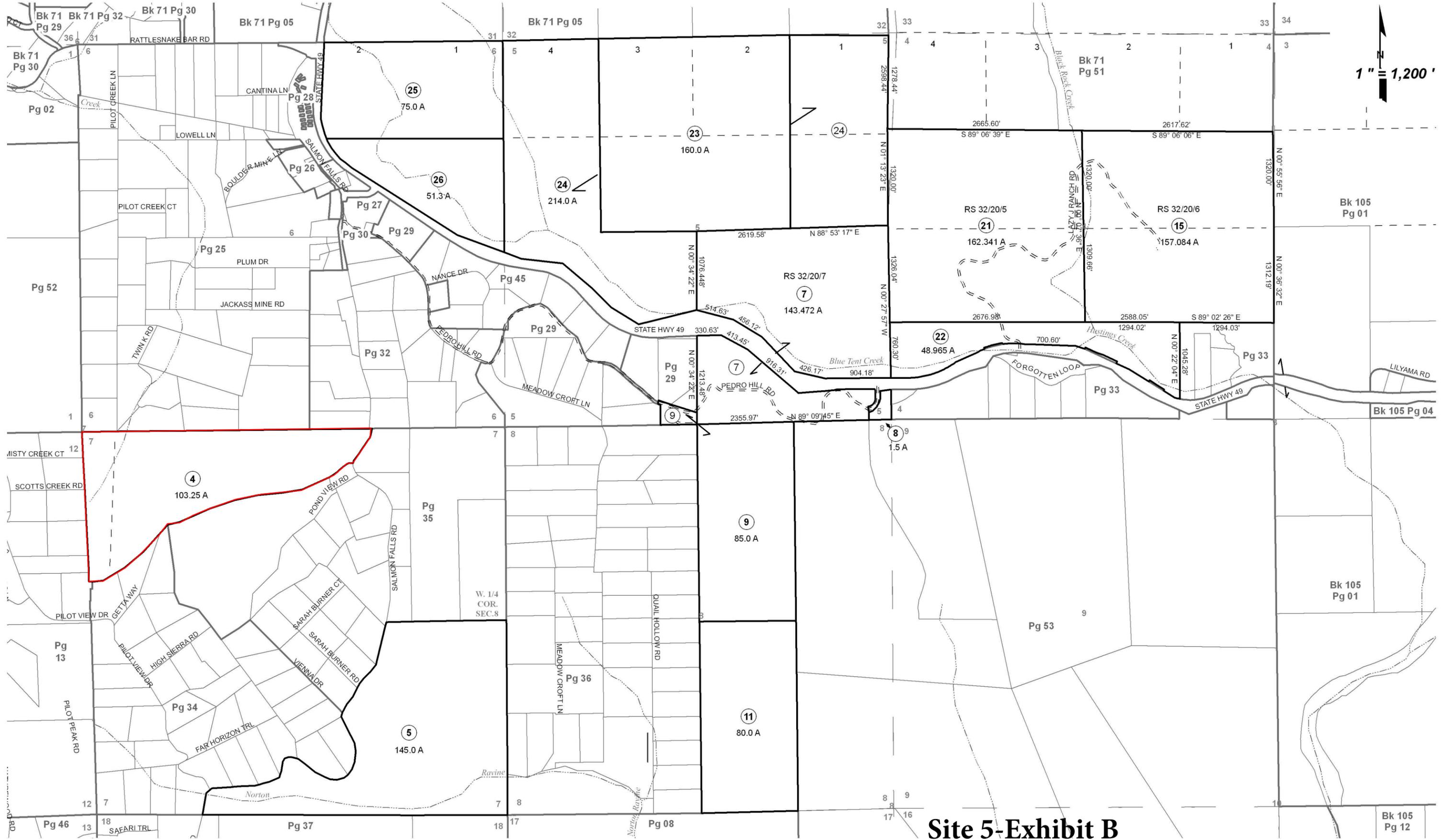
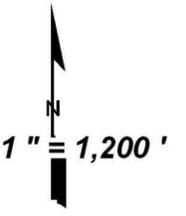


S17-0007/Site 5 Pilot Hill
Location Map
Exhibit A



SECS. 4 THRU 9, T.11N., R.9E., M.D.M.

104:07



Site 5-Exhibit B

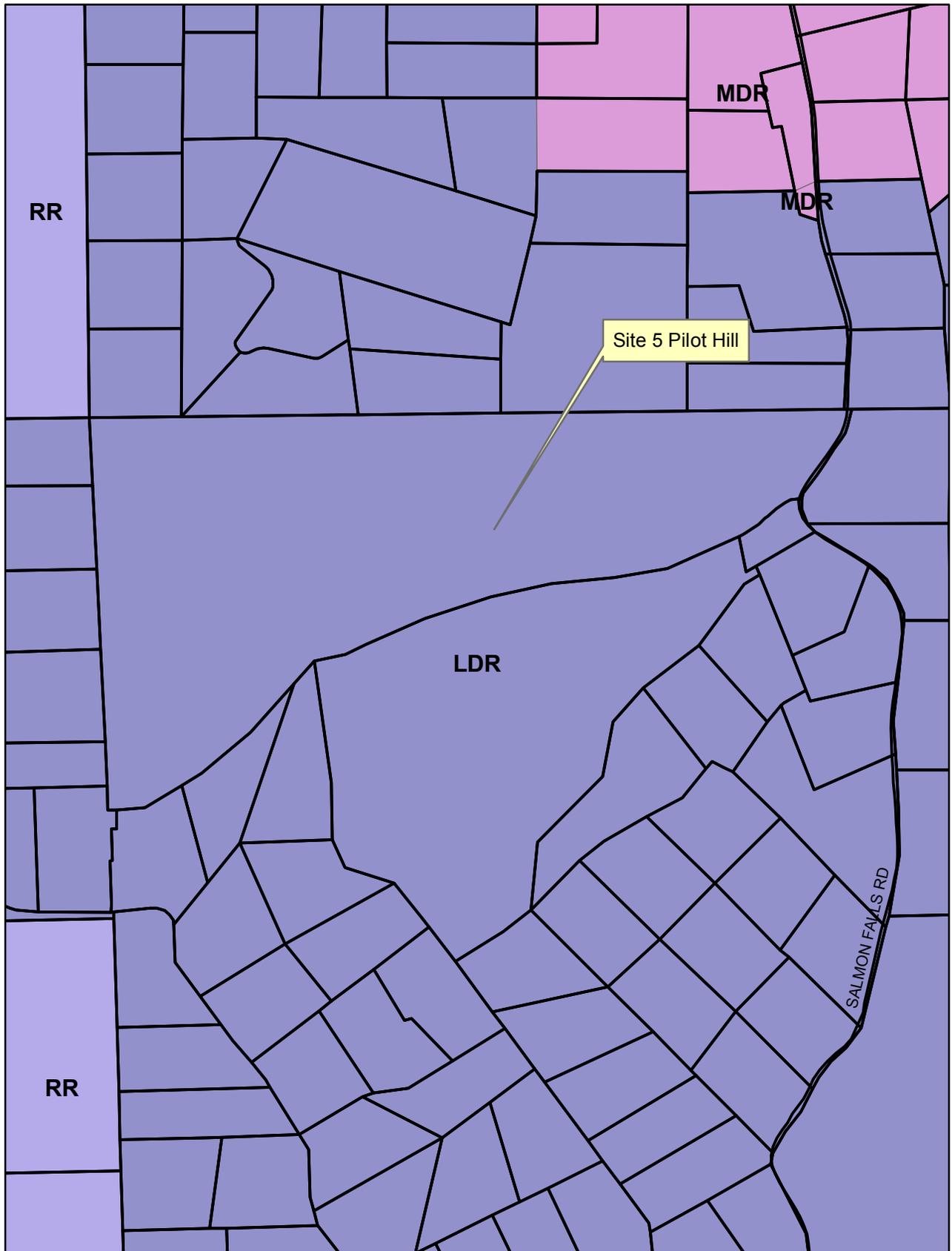
THIS MAP IS NOT A SURVEY. It is prepared by the El Dorado Co. Assessor's office for assessment purposes only. Area calculations and characteristics are not guaranteed. Users should verify items such as dimensions and acreage.

Acreages Are Estimates

Adjacent Map Pages Shown in Grey Text
Assessor's Block Numbers Shown in Ellipses
Assessor's Parcel Numbers Shown in Circles

Rev. Dec. 22, 2009

Assessor's Map Bk. 104, Pg. 07
County of El Dorado, CA

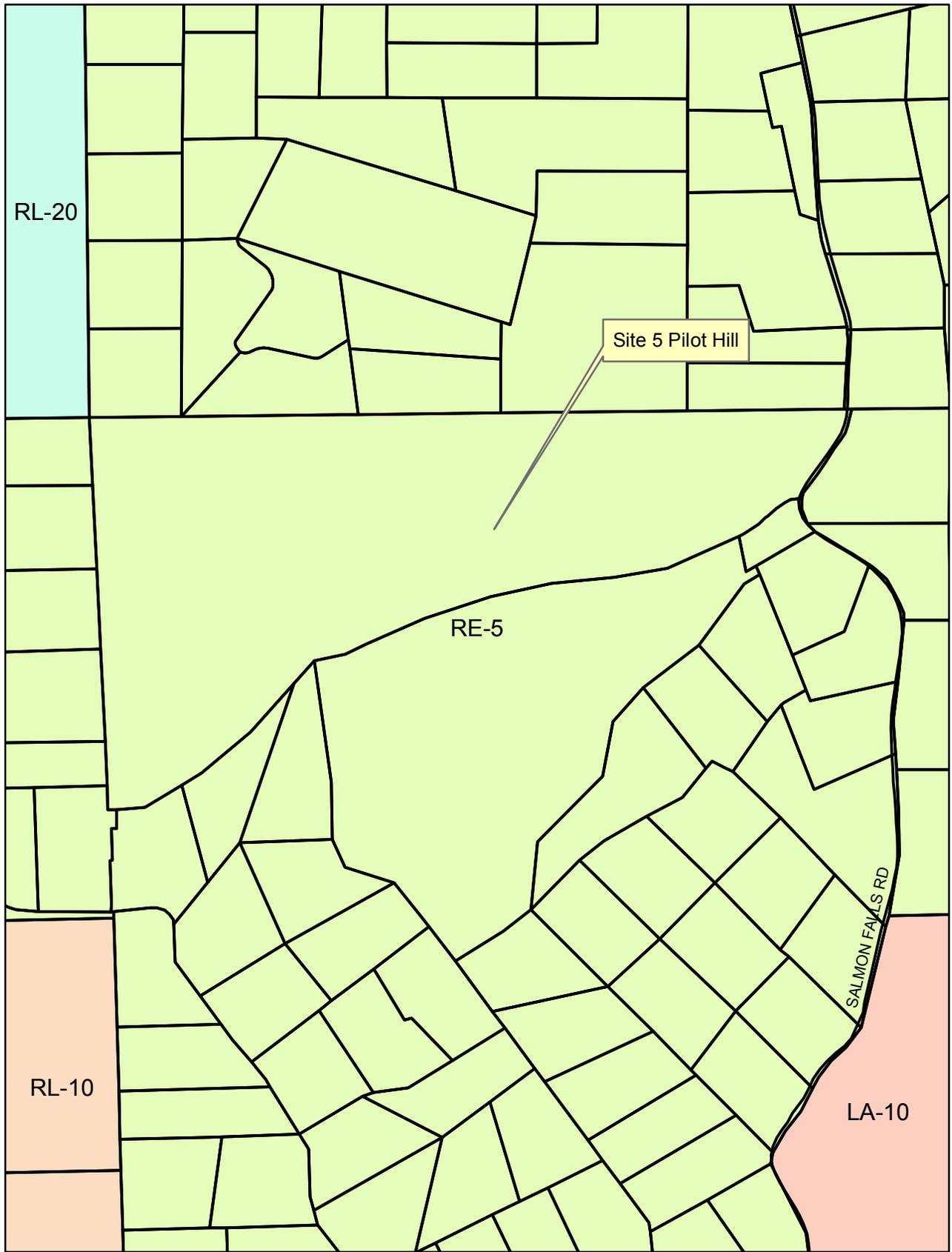


S17-0007/Site 5 Pilot Hill
General Plan Designation Map
Exhibit C

- LDR
- MDR
- RR

0 0.15 0.3 0.6 Miles



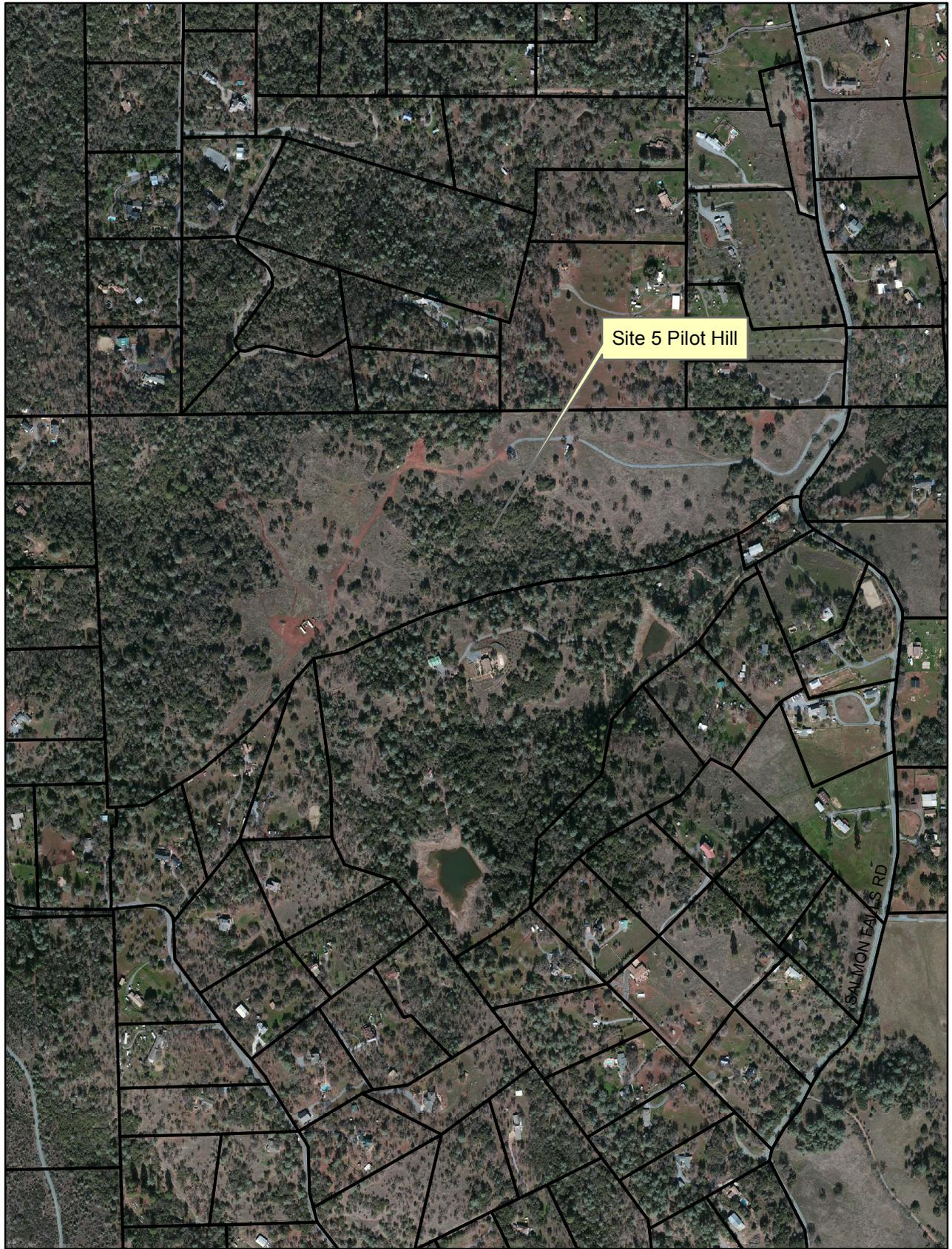


S17-0007/Site 5 Pilot Hill
Zoning Designation Map
Exhibit D

- LA-10
- RE-5
- RL-10
- RL-20

0 0.15 0.3 0.6 Miles





S17-0007/Site 5 Pilot Hill
Aerial Map
Exhibit E





at&t

SITE NUMBER: CVL03174

SITE NAME: PILOT HILL

4822 SALMON FALLS ROAD
PILOT HILL, CA 95664

JURISDICTION: ELDORADO COUNTY

SITE TYPE: BROADLEAF TOWER/SHELTER

Issued For:

PILOT HILL

4822 SALMON FALLS ROAD
PILOT HILL, CA 95664

PREPARED FOR



2600 Camino Ramon, 4W850 N
San Ramon, California 94583



AT&T SITE NO: CVL03174

PROJECT NO: 13787606

DRAWN BY: CES

CHECKED BY: CES

0	03/13/17	ZD 90%
0	03/16/17	ZD 100%

REV	DATE	DESCRIPTION
-----	------	-------------

Licenser:



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.

Engineer:

ADAPTIVE RE-USE ENGINEERING

Craig Horner, PE 84674
214-407-3184
3112 LEATHA WAY
SACRAMENTO, CA 95821
craigmhorner@yahoo.com

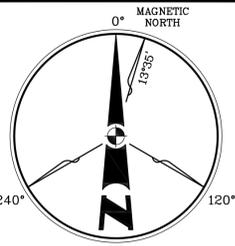
SHEET TITLE:

TITLE SHEET

SHEET NUMBER:

T-1

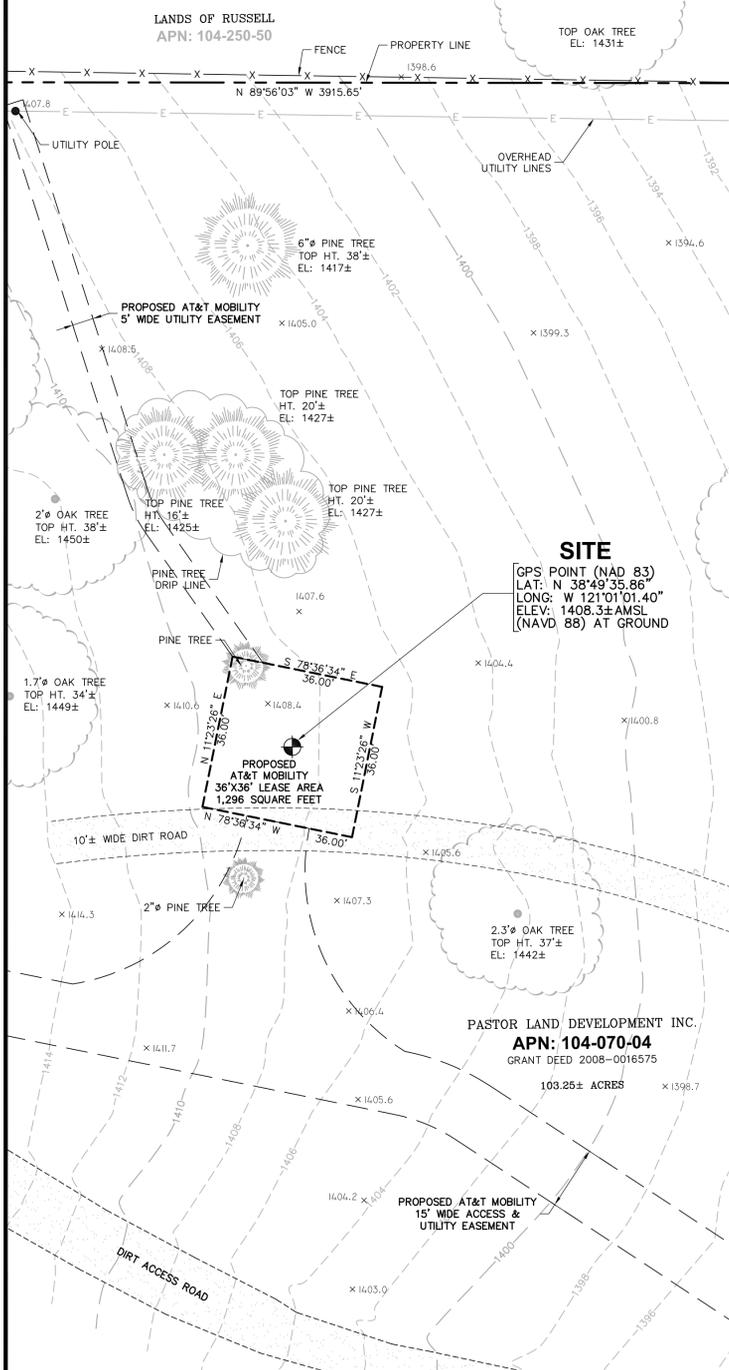
PROJECT DESCRIPTION	PROJECT INFORMATION	PROJECT TEAM	SHEET INDEX	REV																											
<p>(P) NEW SITE BUILD UNMANNED TELECOMMUNICATIONS FACILITY.</p> <ol style="list-style-type: none"> BRING POWER / TELCO / FIBER TO SITE LOCATION GRAVELED ROAD IMPROVEMENT FROM EXISTING GRAVELED DRIVEWAY 36'X36' LEASE AREA INSTALL 7'X7' SQUAREx2" TALL CELL BLOCK FOUNDATION, TYPICAL OF (25) INSTALL AT&T APPROVED PRE-MANUFACTURED EQUIPMENT SHELTER AND ASSOCIATED INTERIOR EQUIPMENT ADD (1) NEW GPS UNITS ADD 115'-0" BROADLEAF TOWER ADD (9) ANTENNAS (3) PER ALPHA, BETA, GAMMA SECTOR ADD (21) RRUS ADD (4) SURGE SUPPRESSORS ADD (2) FUTURE 4' MICROWAVE DISHES ADD 6'-0" HIGH CHAIN LINK FENCE ADD 35KW LP PROPANE GENERATOR ADD 500 GAL LP PROPANE STORAGE TANK 	<p>PROPERTY INFORMATION: SITE NAME: PILOT HILL SITE NUMBER: CVL03174 SEARCH RING: PILOT HILL FA# 13787606 SITE ADDRESS: 4822 SALMON FALLS ROAD PILOT HILL, CA 95664</p> <p>A.P.N. NUMBER: 104-070-04</p> <p>CURRENT USE: SINGLE FAMILY RESIDENTIAL, RURAL RESEDENTIAL</p> <p>PROPOSED USE: (U) UNMANNED TELECOMMUNICATION FACILITY</p> <p>JURISDICTION: ELDORADO COUNTY</p> <p>LATITUDE: N 38° 49' 35.86"</p> <p>LONGITUDE: W 121° 01' 01.40"</p> <p>GROUND ELEVATION: ±1408.3 FT. AMSL</p>	<p>PROPERTY OWNER: PASTOR LAND DEVELOPMENT INC. 8844 FARGO LN. GRANITE BAY, CA</p> <p>POWER AGENCY: PG&E PG&E CORPORATION 1 MARKET STREET, SPEAR TOWER SAN FRANCISCO, CA 94105 PH: 1-800-743-5000</p> <p>TELEPHONE AGENCY: AT&T 525 MARKET STREET, SPEAR TOWER SAN FRANCISCO, CA 94105 PH: 1-800-310-2355</p>	<p>APPLICANT / LESSEE: AT&T 5001 EXECUTIVE PARKWAY SAN RAMON, CA 945834</p> <p>RF ENGINEER: AT&T CONTACT: ALEXANDER KERRIGAN 916-484-2324 EMAIL: AK4408@US.ATT.COM</p> <p>PROJECT MGR.: EPIC WIRELESS CONTACT: NICK TAGAS EMAIL: NICK.TAGAS@EPICWIRELESS.NET PH: (916) 990-1446</p> <p>SITE ACQUISITION: COMPANY: EPIC WIRELESS CONTACT: JARED KEARSLEY (ZONING MGR.) EMAIL: JARED.KEARSLEY@EPICWIRELESS.NET CELL: (916) 755-1326</p> <p>CONSTRUCTION MGR.: COMPANY: EPIC WIRELESS CONTACT: PETE MANAS EMAIL: PETE.MANAS@EPICWIRELESS.NET PH: (530) 383-5957</p> <p>A&E DESIGN GROUP: COMPANY: EPIC WIRELESS CONTACT: CARL SYLVESTER CARL.SYLVESTER@EPICWIRELESS.NET PH: (530) 933-2763</p> <p>ARCHITECT / ENGINEER: ADAPTIVE RE-USE ENGINEERING CONTACT: CRAIG HORNER, PE 84674 EMAIL: CRAIGHORNER@YAHOO.COM PH: (214) 407-3184</p> <p>CIVIL VENDOR: VINCULUMS CM CONTACT: KEN ABEL EMAIL: KABEL@VINCULUMS.COM PH: (916) 844-4602</p>	<p>T-1 TITLE SHEET GN-1 GENERAL NOTES C-1 SITE SURVEY (BY OTHERS) FOR REFERENCE ONLY C-2 EROSION CONTROL NOTES C-2.1 GRADING PLAN & DETAILS A-1 OVERALL SITE PLAN AND SITE PLAN - EXTERIOR EQUIPMENT SHELTER A-1.1 ENLARGED SITE PLAN - EXTERIOR EQUIPMENT SHELTER A-2 EQUIPMENT AREA PLAN - EXTERIOR EQUIPMENT SHELTER A-3 ANTENNA PLAN & DETAILS - BROADLEAF TOWER A-4 PROPOSED BROADLEAF TOWER NORTH - SOUTH ELEVATION A-4.1 PROPOSED BROADLEAF TOWER WEST - EAST ELEVATION</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 CONSTRUCTED TO PERMIT WORK NOT CONFORMING TO THESE CODES:</p> <ol style="list-style-type: none"> 2016 CALIFORNIA ADMINISTRATIVE CODE, PART 1, TITLE 24, C.C.R. (CALIFORNIA CODE OF REGULATIONS) 2016 CALIFORNIA BUILDING CODE (CBC), PART 2, TITLE 24, C.C.R. (VOLUMES 1 & 2), (2015 INTERNATIONAL BUILDING CODE) 2016 CALIFORNIA ELECTRICAL CODE (CEC), PART 3, TITLE 24, C.C.R., (2014 NATIONAL ELECTRICAL CODE) 2016 CALIFORNIA MECHANICAL CODE (CMC), PART 4, TITLE 24, C.C.R., (2015 UNIFORM MECHANICAL CODE) 2016 CALIFORNIA PLUMBING CODE (CPC), PART 5, TITLE 24, C.C.R., (2015 UNIFORM PLUMBING CODE) 2016 CALIFORNIA ENERGY CODE (CEC), PART 6, TITLE 24, C.C.R. 2016 CALIFORNIA HISTORICAL BUILDING CODE, PART 8, TITLE 24, C.C.R., (2015 INTERNATIONAL BUILDING CODE) 2016 CALIFORNIA FIRE CODE, PART 9, TITLE 24 C.C.R., (2015 INTERNATIONAL FIRE CODE) 2016 CALIFORNIA EXISTING BUILDING CODE, PART 10, TITLE 24, C.C.R., (2015 INTERNATIONAL BUILDING CODE) 2016 CALIFORNIA GREEN BUILDING STANDARDS CODE, PART 11, TITLE 24 C.C.R., (CALGreen) 2016 CALIFORNIA REFERENCED STANDARDS, PART 12, TITLE 24 C.C.R. ANSI/EIA-TIA-222-G 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-203.4</p>	<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"> GET ON I-680 N FROM CAMINO RAMON AND BOLLINGER CANYON RD 3 MIN (1.0 MI) HEAD SOUTHEAST ON CAMINO RAMON TOWARD BISHOP DR 0.2 MI CONTINUE STRAIGHT TO STAY ON CAMINO RAMON 0.1 MI TURN RIGHT ONTO BOLLINGER CANYON RD 0.4 MI USE THE RIGHT 2 LANES TO MERGE ONTO I-680 N VIA THE RAMP TO SACRAMENTO 0.3 MI FOLLOW I-680 N, I-80 E AND US-50 E TO LATROBE RD IN EL DORADO HILLS. TAKE EXIT 30B FROM US-50 E 1/4 35 MIN (107 MI) MERGE ONTO I-680 N 10.6 MI KEEP LEFT TO STAY ON I-680 N 5.0 MI KEEP LEFT AT THE FORK TO STAY ON I-680 N PARTIAL TOLL ROAD 5.9 MI KEEP LEFT AT THE FORK TO CONTINUE ON I-680 PARTIAL TOLL ROAD 14.4 MI USE ANY LANE TO TAKE EXIT 71A TOWARD I-80 E/SACRAMENTO 0.4 MI MERGE ONTO I-80 E 29.0 MI KEEP LEFT AT THE FORK TO STAY ON I-80 E 12.1 MI KEEP LEFT AT THE FORK TO CONTINUE ON I-80BL E/US-50 E/CAPITAL CITY FREEWAY, FOLLOW SIGNS FOR INTERSTATE 80 BUSINESS/SACRAMENTO/SOUTH LAKE TAHOE 5.2 MI CONTINUE ONTO US-50 E 24.3 MI TAKE EXIT 30B TOWARD EL DORADO HILLS BLVD 0.3 MI DRIVE TO SALMON FALLS RD 23 MIN (13.3 MI) MERGE ONTO LATROBE RD 374 FT CONTINUE ONTO EL DORADO HILLS BLVD 4.2 MI CONTINUE ONTO SALMON FALLS RD 9.1 MI <p>4822 SALMON FALLS RD PILOT HILL, CA 95664</p>	<p>Site 5-Exhibit F</p>																												
<p>OCCUPANCY AND CONSTRUCTION TYPE</p> <p>OCCUPANCY : U (UNMANNED)</p> <p>CONSTRUCTION TYPE: V-B</p>	<p>SPECIAL INSPECTIONS</p>	<p>APPROVALS</p> <table border="1"> <tr> <th>APPROVED BY:</th> <th>INITIALS:</th> <th>DATE:</th> </tr> <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> </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>DIGALERT</p> <p>800-227-2600 Call 2 Full Working Days In Advance</p>																												



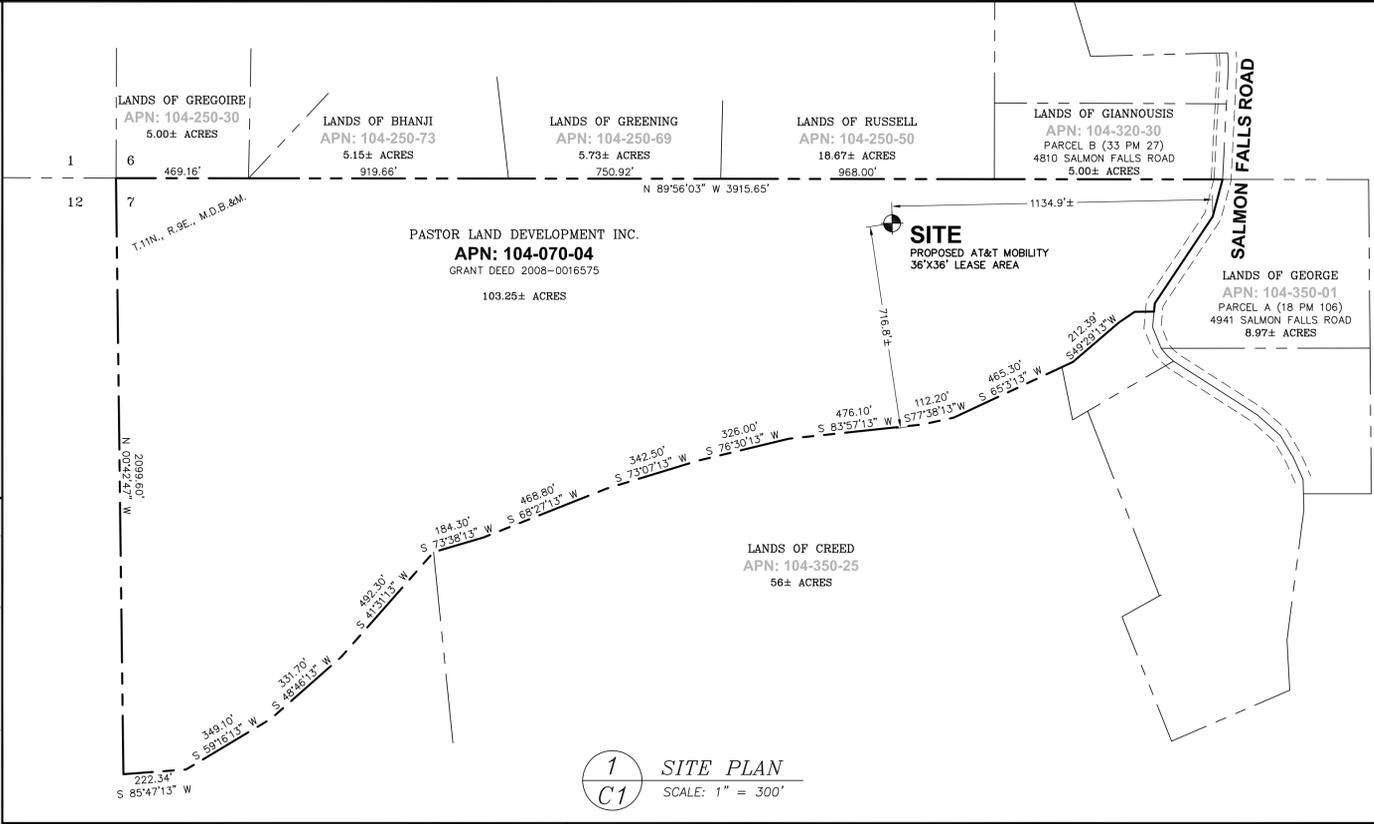
QUIET RIVER
Land Services Inc.

SCALE IN INCHES
MAGNETIC DECLINATION = 13°35'
PER NOAA-NGDC

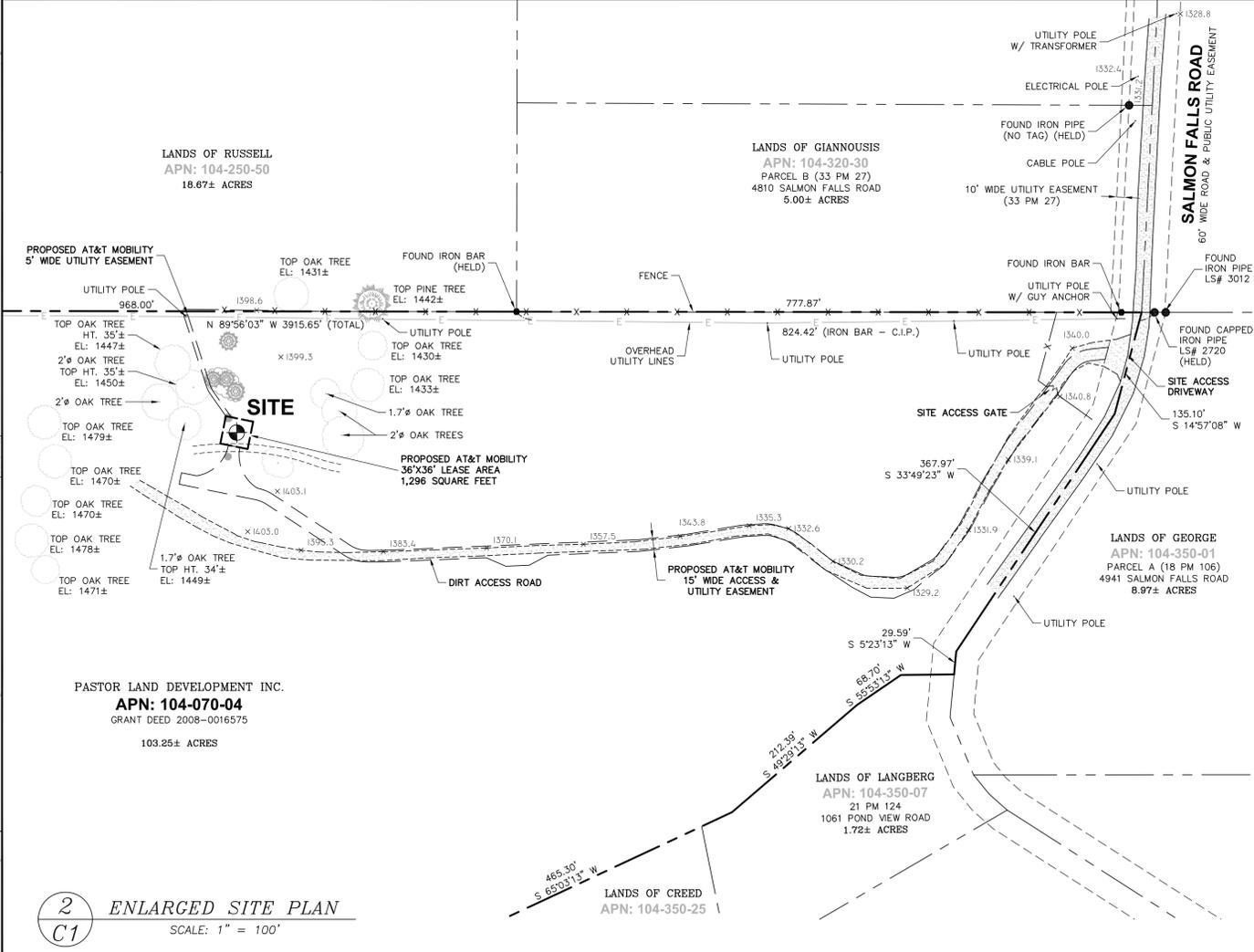
SUFFICIENT SURVEY EVIDENCE WAS NOT RECOVERED TO ESTABLISH THE POSITION OF THE BOUNDARY LINES SHOWN HEREON. THE BOUNDARY REPRESENTED ON THIS MAP IS BASED ON COMPILED RECORD DATA AND BEST FIT ONTO EXISTING IMPROVEMENTS. IT IS POSSIBLE FOR THE LOCATION OF THE SUBJECT PROPERTY TO SHIFT FROM THE PLACEMENT SHOWN HEREON WITH ADDITIONAL FIELD WORK AND RESEARCH. THEREFORE, ANY SPATIAL REFERENCE MADE OR SHOWN BETWEEN THE RELATIONSHIP OF THE BOUNDARY LINES AND EXISTING GROUND FEATURES, EASEMENTS OR LEASE AREA SHOWN HEREON IS INTENDED TO BE APPROXIMATE AND IS SUBJECT TO VERIFICATION BY RESOLVING THE POSITION OF THE BOUNDARY LINES.



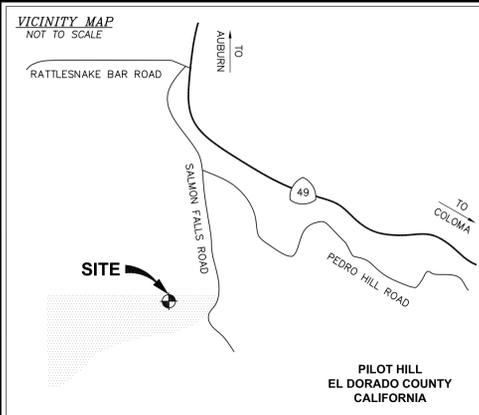
3
C1 LEASE AREA PLAN
SCALE: 1" = 20'



1
C1 SITE PLAN
SCALE: 1" = 300'



2
C1 ENLARGED SITE PLAN
SCALE: 1" = 100'



PROPERTY INFORMATION
Owner: PASTOR LAND DEVELOPMENT INC.
Address: 8844 FARGO LANE
GRANITE BAY, CA 95746
Site: CVL03174 / AT&T PILOT HILL
Address: 4822 SALMON FALLS ROAD
PILOT HILL, CA 95664
Assessor's Parcel Number: 104-070-04
Height of Building/Tower: N/A
Title Report: TITLE REPORT FOR THIS PROPERTY WAS PROVIDED BY FIRST AMERICAN TITLE COMPANY, REPORT NO. 526900-5364191, DATED AS OF DECEMBER 21, 2016.
Legal Description: PROPERTY SITUATED IN THE CITY OF PILOT HILL, COUNTY OF EL DORADO, STATE OF CALIFORNIA.

FEMA FLOOD ZONE DESIGNATION National Flood Insurance Program
County: EL DORADO Effective Date: SEPTEMBER 26, 2008
Community Panel Number: 06017C-0450-E
The Flood Zone Designation for this site as plotted by scale is:
ZONE X (no shading) - Areas determined to be outside the 0.2% annual chance floodplain.

SURVEY DATA
NAD 83 Datum:
Lat: N 38°49'35.86" Long: W 121°01'01.40"
Datum Base: NAD 83 Equipment Used: CHCX900-OPUS Receiver
(See Note 2)
Site Ground Elevation: 1408.3± AMSL (NAVD88) AT GPS SITE LOCATION
Basis of Elevations: GLOBAL POSITIONING SYSTEM (GPS)
(SEE NOTE 2)
Basis of Bearings: CALIFORNIA COORDINATES ZONE II AND FOUND MONUMENTS AS SHOWN.
Date of Field Survey: FEBRUARY 22, 2017

NOTES
1.) This is not a boundary survey. This is a specialized topographic map with property lines and easements being a graphic depiction of various information gathered from preliminary title reports, back-up documents of record, maps and available monuments found during the field survey. No property monuments were set. No title research was performed by Quiet River Land Services, Inc.
2.) The latitude, longitude and elevation shown hereon were derived from post-processed L1/L2 data collected using Novator Global Positioning System (GPS) and a CHCX900-OPUS Receiver. CHC Navigation specifications report decimeter level accuracy (horizontally) when data is properly collected and processed. (Elevation = ±3.0 feet.)
3.) Unless otherwise noted, no underground utility locating service company was contacted prior to this map being prepared; therefore, there may be non-visible or obscure utilities existing on the property not shown on this map - so CALL BEFORE YOU DIG.
4.) Any electronic digital media provided by Quiet River Land Services, Inc. to our client is a courtesy and is not to be reproduced, distributed, sold, altered, revised, edited or amended without the express written consent of an Officer of Quiet River Land Services, Inc. Further, only the final stamped, signed and dated original "hard copy" version of our survey or map is considered to be our legally recognized product.

SURVEYOR'S STATEMENT
I, the undersigned, a Registered Professional Land Surveyor licensed under the laws of the State of California do hereby state that the information, measurements, easements, record boundary lines, bearings and distances as shown hereon are based upon a field survey as dated above and upon items of public record and data contained in a title report, as referenced. Furthermore, the Latitude and Longitude coordinates are reported in NAD 83 Datum and are accurate to within ±15 feet horizontally, and the ground elevation, reported in NAVD 1988 Datum, is within ±3 feet vertically. The coordinate values and elevations are within the 1-A Accuracy Code designation as listed in the A.S.A.C. Information Sheet 91:003 and are accurate to the best of my knowledge and belief.

SIGNATURE _____ DATE _____

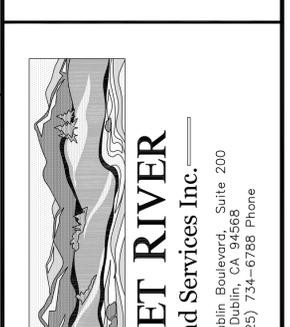
LEGEND

APN:	ASSESSOR'S PARCEL NUMBER	ASPHALT
CP:	CONTROL POINT	CONCRETE
EL:	ELEVATION	CONTROL POINT
FH:	FIRE HYDRANT	FOUND MONUMENT
FND:	FOUND	GPS POINT
HT:	HEIGHT	PARAPET/ROOF ELEVATIONS
MON:	MONUMENT	SPOT ELEVATION
(M-M):	MONUMENT TO MONUMENT	TEMPORARY BENCHMARK
P.O.B.:	POINT OF BEGINNING	
P.O.C.:	POINT OF COMMENCEMENT	
PP:	POWER POLE	
(TYP.):	TYPICAL	

DATE: MARCH 10, 2017
DRAWN BY: MAS
FILE NO.: EPIC1713

REVISIONS

DATE	DESCRIPTION	INITIAL
2/23/17	90% ISSUE	MAS
3/6/17	100%	RO
3/10/17	CLIENT REDLINES	RO



EXISTING SITE CONDITIONS

CVL03174
AT&T PILOT HILL
4822 SALMON FALLS ROAD
PILOT HILL, CA 95664

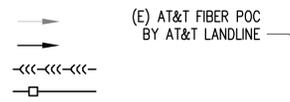
C1
OF 1 SHEET

CONSTRUCTION EROSION/ SEDIMENTATION CONTROL PLAN NOTES:

- USE "BMP'S" AT ALL PHASES OF CONSTRUCTION.
- GRAVEL BAGS WITH FIBER ROLLS AND SILT BARRIER AS NEEDED AND/OR BAG INLET FILTERS TO BE USED FOR INLET PROTECTION FROM CONSTRUCTION CONTAMINATES. CONTRACTOR TO FIELD IDENTIFY ALL CONDITIONS WHERE THIS MAY APPLY AND MAINTAIN DURING THE COURSE OF CONSTRUCTION. THIS SHALL APPLY TO THE LOCAL SITE ACTIVITY AS WELL AS ANY AREA TRAVELED EXTENDING TO THE POINT OF SITE ACCESS AND ONTO THE PUBLIC RIGHT OF WAYS. NO CONSTRUCTION DEBRIS MAY ENTER ANY STORM WATER DRAIN AT ANY TIME. THE CONTRACTOR SHALL IMPLEMENT MEASURES TO MONITOR THIS AT ALL TIMES DURING THE CONSTRUCTION PHASE.
- ANY AND ALL STORED MATERIALS, INCLUDING BUT NOT LIMITED TO, EXCAVATED SOIL, IMPORTED ROCK, SAND OR GRAVEL, PAINT, CONCRETE, WOOD, METAL OR CONTAMINATED WATER SHALL BE STORED PROPERLY TO INSURE NO DISCHARGE OF CONTAMINATES.
- REMOVE DIRT, DEBRIS AND WEEDS FROM PUBLIC SIDE WALK AREAS AND STORM DRAIN SYSTEMS AND ANY CONSTRUCTION MATERIALS OR DEBRIS TO AN APPROVED LOCATION AS ON A DAILY BASIS (OR AS DIRECTED BY THE CITY ENGINEER). A CONCRETE, STUCCO WASHOUT SHALL BE ON SITE AT ALL TIMES CONTRACTOR TO FIELD VERIFY LOCATION AND BEST METHOD TO PREVENT SPILLS AND DISCHARGE OF CONCRETE/WATER CONTAMINANTS.
- CONTRACTOR TO FIELD IDENTIFY "BMP'S" (BEST MANAGEMENT PRACTICES) PER SITE CONDITIONS AND REFER TO CURRENT VERSION OF STORM WATER "BMP" MANUAL FOR SPECIFIC SCHEDULES OR DETAILS NOT SPECIFIED IN THIS PLAN.
- INSTALL SEDIMENT LOGS AROUND CONSTRUCTION AREA TO KEEP DEBRIS ON PROPERTY.
- PLACE GRAVEL BAGS AROUND NEARBY, DOWN STREAM STORM INLET(S) DURING CONSTRUCTION.
- REPAIR OR REPLACE SPLIT, TORN UNRAVELING OR SLUMPING FIBER ROLLS. FIBER ROLLS TO BE STAKED 4' O.C. PARALLEL TO (E) CONTOURS.
- INSPECT FIBER ROLLS WHEN RAIN IS FORECAST, DURING AND FOLLOWING RAIN EVENTS, AT LEAST DAILY DURING PROLONGED RAINFALL. FOR SPECIFIC MONITORING INTERVALS REFER TO THE CURRENT VERSION OF STORM WATER "BMP" MANUAL.
- SEDIMENT SHOULD BE REMOVED WHEN SEDIMENT ACCUMULATION REACHES ONE-HALF THE DESIGNATED SEDIMENT STORAGE DEPTH, USUALLY ONE-HALF THE DISTANCE BETWEEN THE TOP OF THE FIBER ROLL AND THE ADJACENT GROUND SURFACE. SEDIMENT REMOVED DURING MAINTENANCE MAY BE INCORPORATED INTO THE EARTHWORK ON THE SITE OR DISPOSED AT AN APPROPRIATE LOCATION.
- FILTER BARRIER SHALL BE CONSTRUCTED LONG ENOUGH TO EXTEND ACROSS THE EXPECTED FLOW PATH AND AS APPROVED BY THE LANDSCAPE INSPECTOR.
- ON-SITE WATER TRUCK MAY BE REQUIRED FOR DUST MITIGATION.

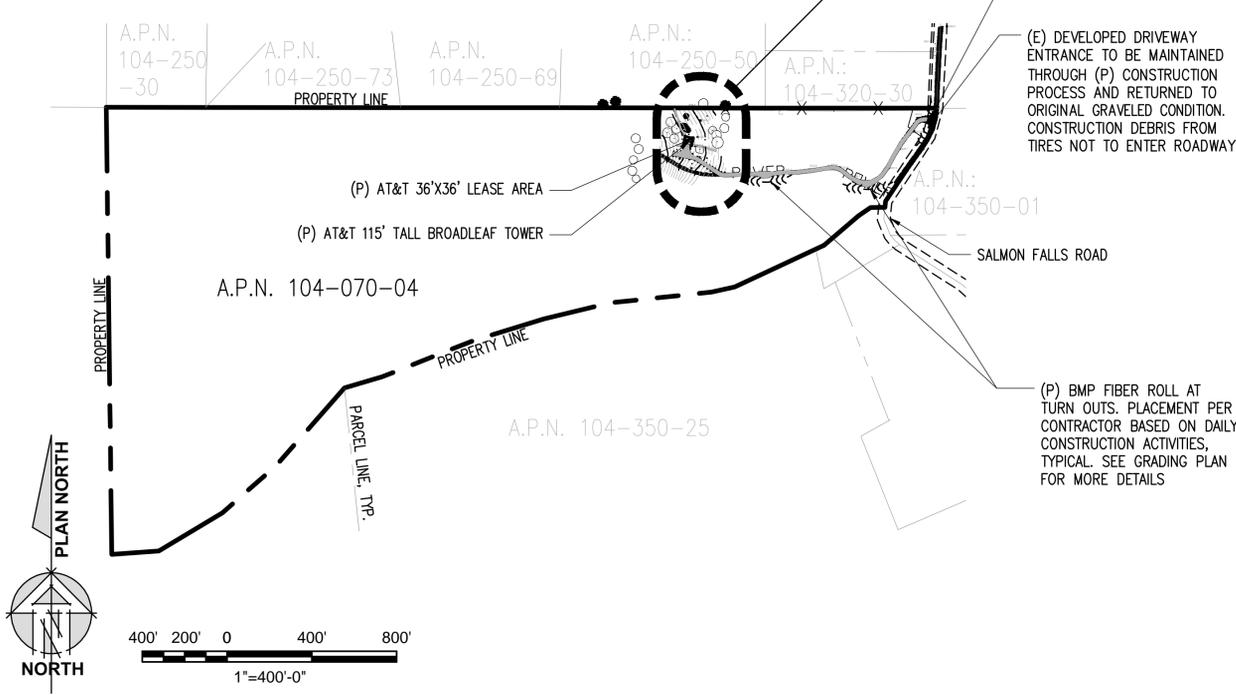
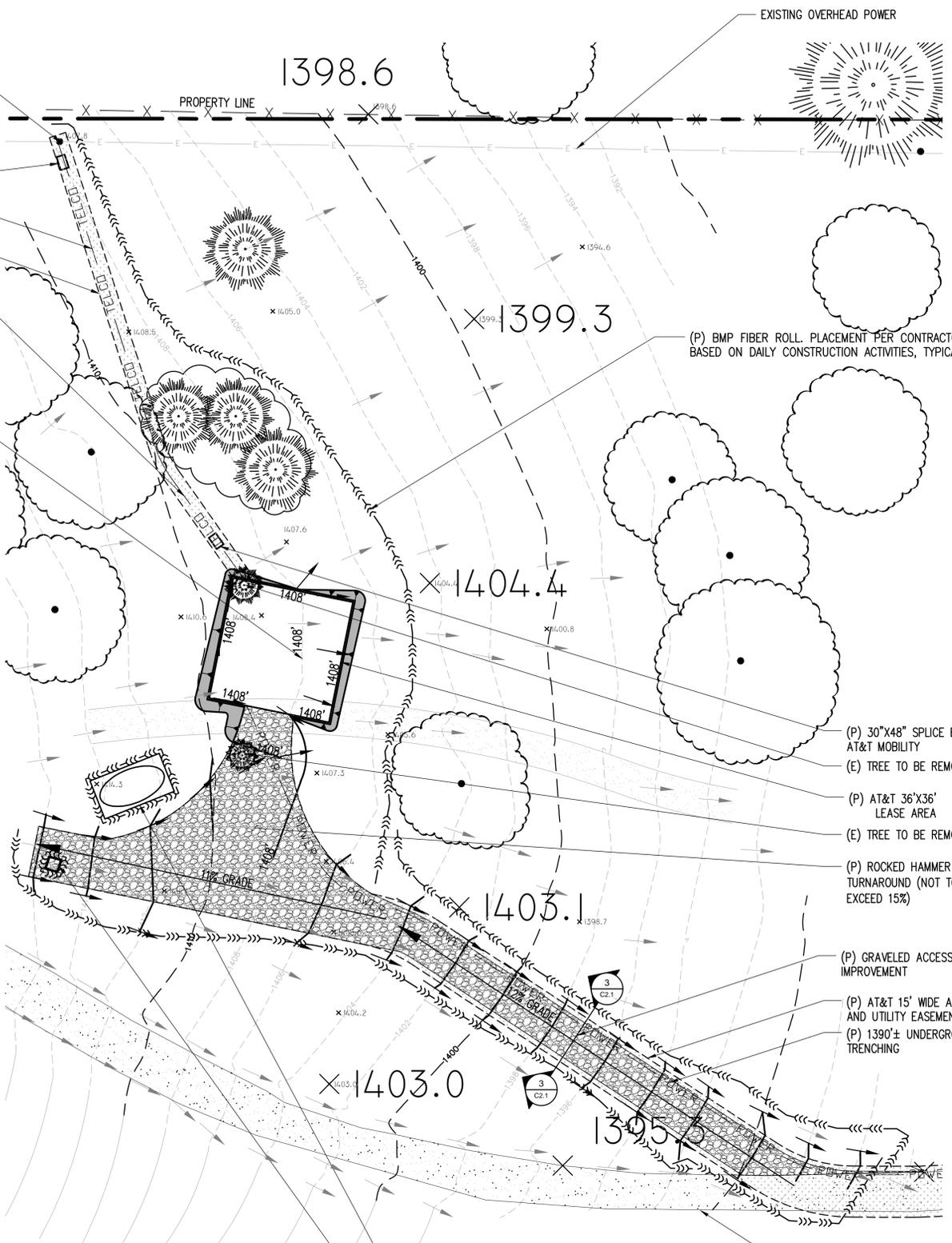
LEGEND

- (E) EXISTING
- (N) PROPOSED
- (E) FLOW LINE
- (N) FLOW LINE
- (N) FIBER ROLL
- (N) SILT FENCE

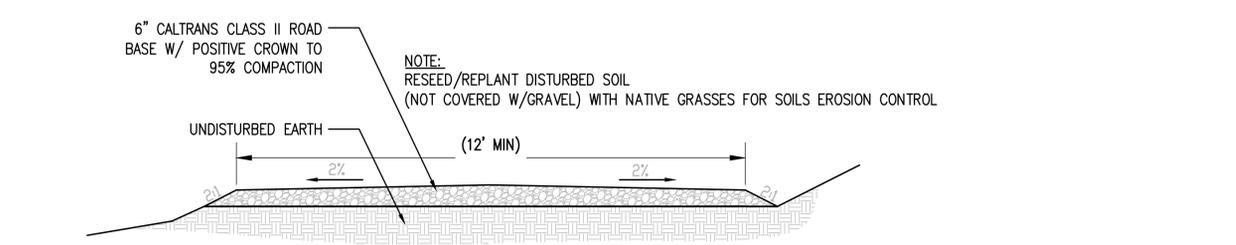


- (E) AT&T FIBER POC BY AT&T LANDLINE
- (P) 30"x48" SPLICE BOX BY AT&T MOBILITY
- (P) 143'± UNDERGROUND UTILITY TRENCHING
- (P) AT&T 5' WIDE UTILITY EASEMENT
- (P) (1) 4" CONDUIT WITH INNERDUCT BY AT&T MOBILITY
- (P) PAD GRADE ±1408'
- (P) AT&T GRADING PLAN
- (E) GRAVEL ENTRANCE
- (E) DEVELOPED DRIVEWAY ENTRANCE TO BE MAINTAINED THROUGH (P) CONSTRUCTION PROCESS AND RETURNED TO ORIGINAL GRAVELED CONDITION. CONSTRUCTION DEBRIS FROM TIRES NOT TO ENTER ROADWAY
- (P) BMP FIBER ROLL AT TURN OUTS. PLACEMENT PER CONTRACTOR BASED ON DAILY CONSTRUCTION ACTIVITIES, TYPICAL SEE GRADING PLAN FOR MORE DETAILS

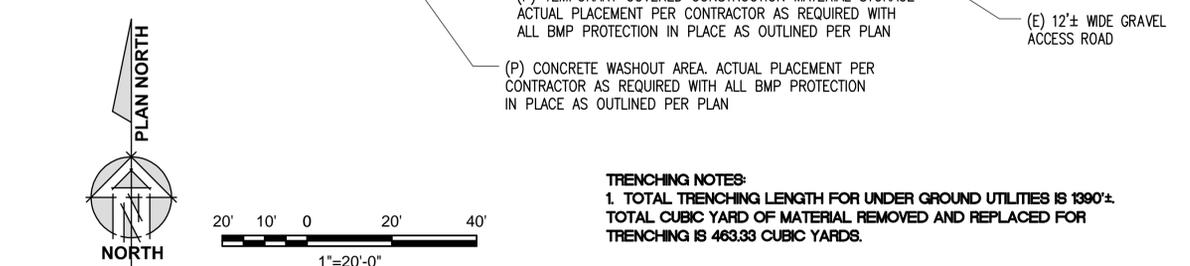
- (P) 30"x48" SPLICE BOX BY AT&T MOBILITY
- (E) TREE TO BE REMOVED
- (P) AT&T 36"x36" LEASE AREA
- (E) TREE TO BE REMOVED
- (P) ROCKED HAMMER HEAD TURNAROUND (NOT TO EXCEED 15%)
- (P) GRAVELED ACCESS IMPROVEMENT
- (P) AT&T 15' WIDE ACCESS AND UTILITY EASEMENT
- (P) 1390'± UNDERGROUND UTILITY TRENCHING
- (P) TEMPORARY COVERED CONSTRUCTION MATERIAL STORAGE ACTUAL PLACEMENT PER CONTRACTOR AS REQUIRED WITH ALL BMP PROTECTION IN PLACE AS OUTLINED PER PLAN
- (P) CONCRETE WASHOUT AREA. ACTUAL PLACEMENT PER CONTRACTOR AS REQUIRED WITH ALL BMP PROTECTION IN PLACE AS OUTLINED PER PLAN
- (E) 12'± WIDE GRAVEL ACCESS ROAD



1 OVERALL GRADING PLAN
1"=400'-0"



3 ACCESS ROAD DETAIL
NOT TO SCALE



2 GRADING PLAN
1"=20'-0"

TRENCHING NOTES:
1. TOTAL TRENCHING LENGTH FOR UNDER GROUND UTILITIES IS 1390'±.
TOTAL CUBIC YARD OF MATERIAL REMOVED AND REPLACED FOR TRENCHING IS 463.33 CUBIC YARDS.

Issued For:
PILOT HILL
4822 SALMON FALLS ROAD
PILOT HILL, CA 95664

PREPARED FOR
at&t
2600 Camino Ramon, 4W850 N
San Ramon, California 94583

EPIC
WIRELESS GROUP

AT&T SITE NO: CVL03174
PROJECT NO: 13787606
DRAWN BY: CES
CHECKED BY: CES

REV	DATE	DESCRIPTION
0	03/13/17	ZD 90%
0	03/16/17	ZD 100%

Licenser:
CRAIG M. HORNER
No. 84674
REGISTERED PROFESSIONAL ENGINEER
CIVIL
STATE OF CALIFORNIA

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

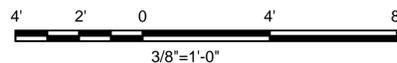
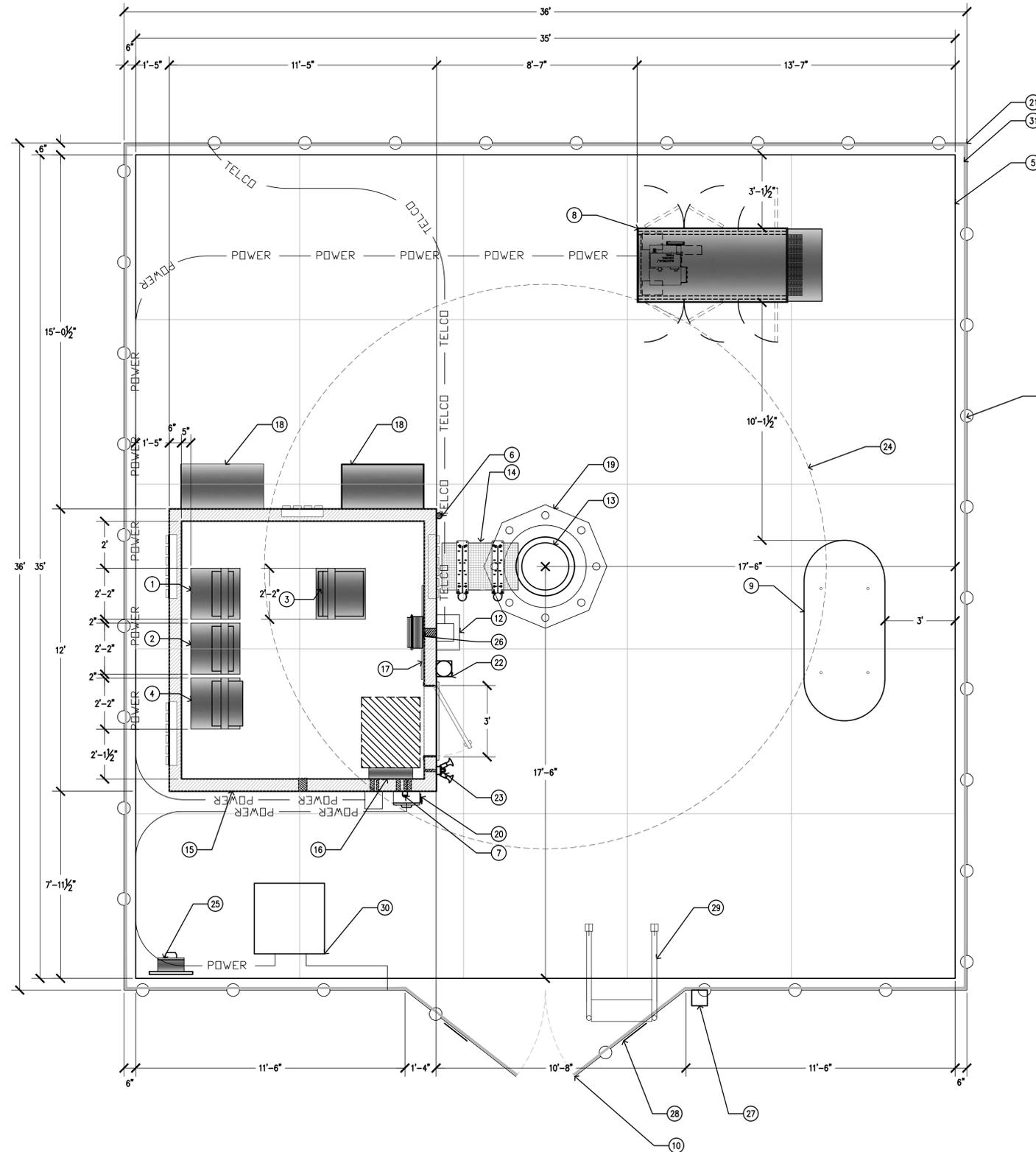
SHEET TITLE:
GRADING PLAN AND DETAILS

SHEET NUMBER:
C-2.1

SITE TYPE: BROADLEAF TOWER/SHELTER

KEYNOTES

- 1 (P) RF RACK #1
- 2 (P) RF RACK #2
- 3 (P) TELCO RACK
- 4 (P) POWER PLANT RACK W/ (2) STRING OF BATTERIES
- 5 (P) 7'-3" SQUARE, 2' TALL CELL BLOCK FOUNDATION, TYPICAL OF (25)
- 6 (P) GPS UNIT
- 7 (P) CAMLOCK GENERATOR INTERFACE
- 8 (P) 35KW LP PROPANE STANDBY GENERATOR
- 9 (P) 500 GAL LP PROPANE STORAGE TANK W/ LEASING FROM SUBURBAN PROPANE
- 10 (P) 12'-0" WIDE ACCESS GATE
- 11 (P) 6'-0" CHAIN LINK FENCE W/ 3 STRAND ANTI CLIMB BARRIER AND GREEN VINYL SLATS
- 12 (P) 18"x18" TELCO PULL BOX BY AT&T MOBILITY
- 13 (P) 115'-00" BROADLEAF TOWER
- 14 (P) ICE BRIDGE
- 15 (P) AT&T 11'-5" x 12'-0" PRE-MANUFACTURED EQUIPMENT SHELTER
- 16 (P) 200A 42 CIRCUIT LOAD CENTER / AUTOMATIC & MANUAL TRANSFER SWITCH
- 17 (P) TELCO BOARD BY AT&T MOBILITY
- 18 (P) 4 TON HVAC UNIT
- 19 (P) TOWER FLANGE (DESIGN BY OTHERS)
- 20 (P) 200A MAIN DISCONNECT
- 21 (P) AT&T 36"x36" LEASE AREA
- 22 (P) 2A-200C RATED FIRE EXTINGUISHER IN WEATHER RESISTANT CABINET
- 23 (P) SHIELD DOWN TILT LIGHT WITH MOTION SENSOR AND AUTO SHUTOFF TIMER
- 24 (P) 24" MAX BRANCH DIAMETER AT BASE OF (P) BROADLEAF TOWER
- 25 (P) 200A ELECTRICAL METER WITH MAIN DISCONNECT ON H-FRAME
- 26 (P) CHENNA CABINET BY AT&T LANDLINE
- 27 (P) FIRE DEPARTMENT KNOX BOX
- 28 (P) CARRIER CONTACT SIGNAGE AT GATE
- 29 (P) FOLDING STEP LADDER
- 30 (P) STEP TRANSFORMER
- 31 (P) BBC-13X 1.2LB PSF MIN. OR EQUIV., SOUND BLANKET AT INTERIOR SIDE OF FENCE



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

SITE TYPE: BROADLEAF TOWER/SHELTER

Issued For:

PILOT HILL
4822 SALMON FALLS ROAD
PILOT HILL, CA 95664

PREPARED FOR



2600 Camino Ramon, 4W850 N
San Ramon, California 94583



AT&T SITE NO: CVL03174

PROJECT NO: 13787606

DRAWN BY: CES

CHECKED BY: CES

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0	03/16/17	ZD 100%

REV DATE DESCRIPTION

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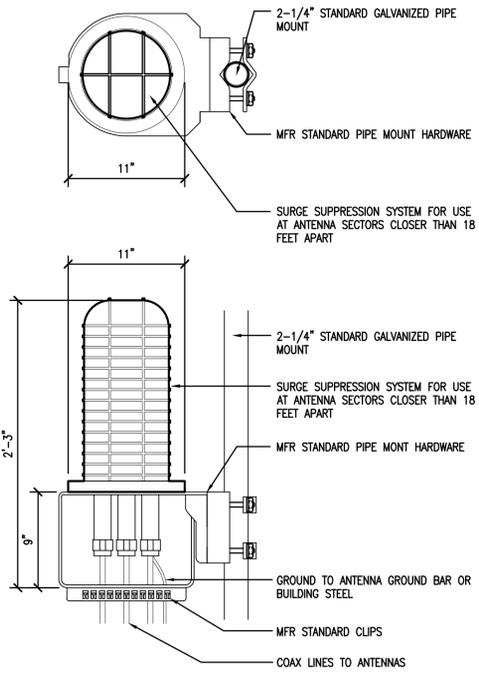
SHEET TITLE:

EQUIPMENT AREA PLAN

SHEET NUMBER:

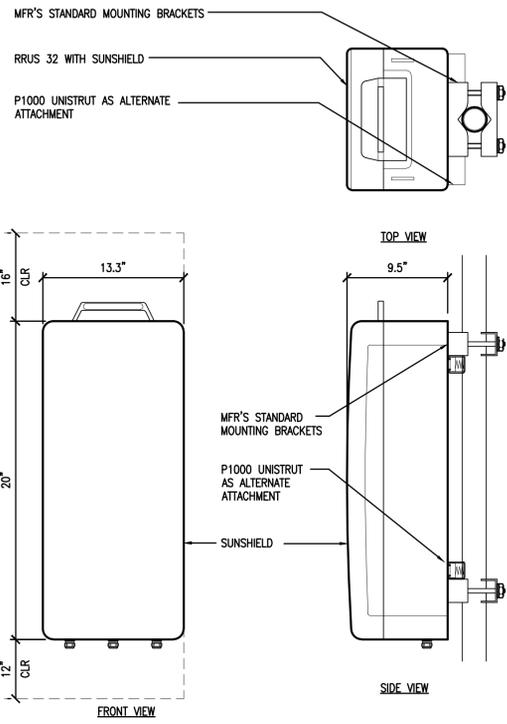
A-2

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)



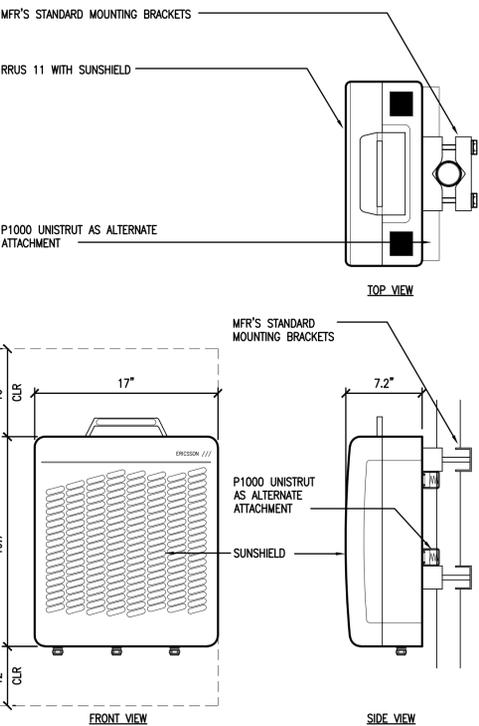
1 DC SURGE SUPPRESSION (SQUID)
1 1/2"=1'-0"

ERICSSON WCS RRUS-32
MODEL: KRC161 423/1
COLOR: WHITE
DIMENSIONS: 29.9" TALL X 13.3" WIDE X 9.5" DEEP (INCLUDING SUNSHIELD)
WEIGHT: +/- 77LBS. (INCLUDING MOUNTING HARDWARE)

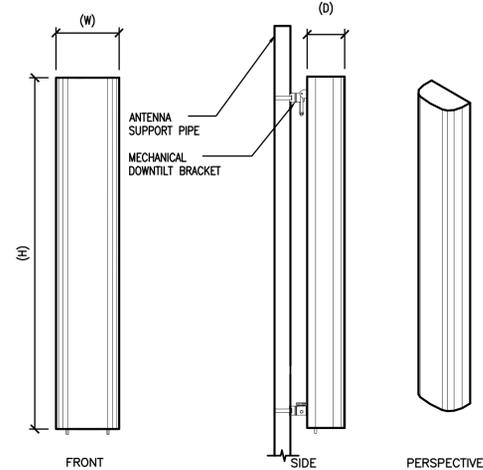


2 ERICSSON WCS RRUS-32 REMOTE RADIO UNIT
1 1/2"=1'-0"

ERICSSON RRUS 11 REMOTE RADIO UNIT
COLOR: WHITE
DIMENSIONS: 19.7" TALL X 17" WIDE X 7.2" DEEP (INCLUDING SUNSHIELD)
WEIGHT: +/- 50 LBS. (INCLUDING MOUNTING HARDWARE)



3 ERICSSON RRUS-11 REMOTE RADIO UNIT
1 1/2"=1'-0"

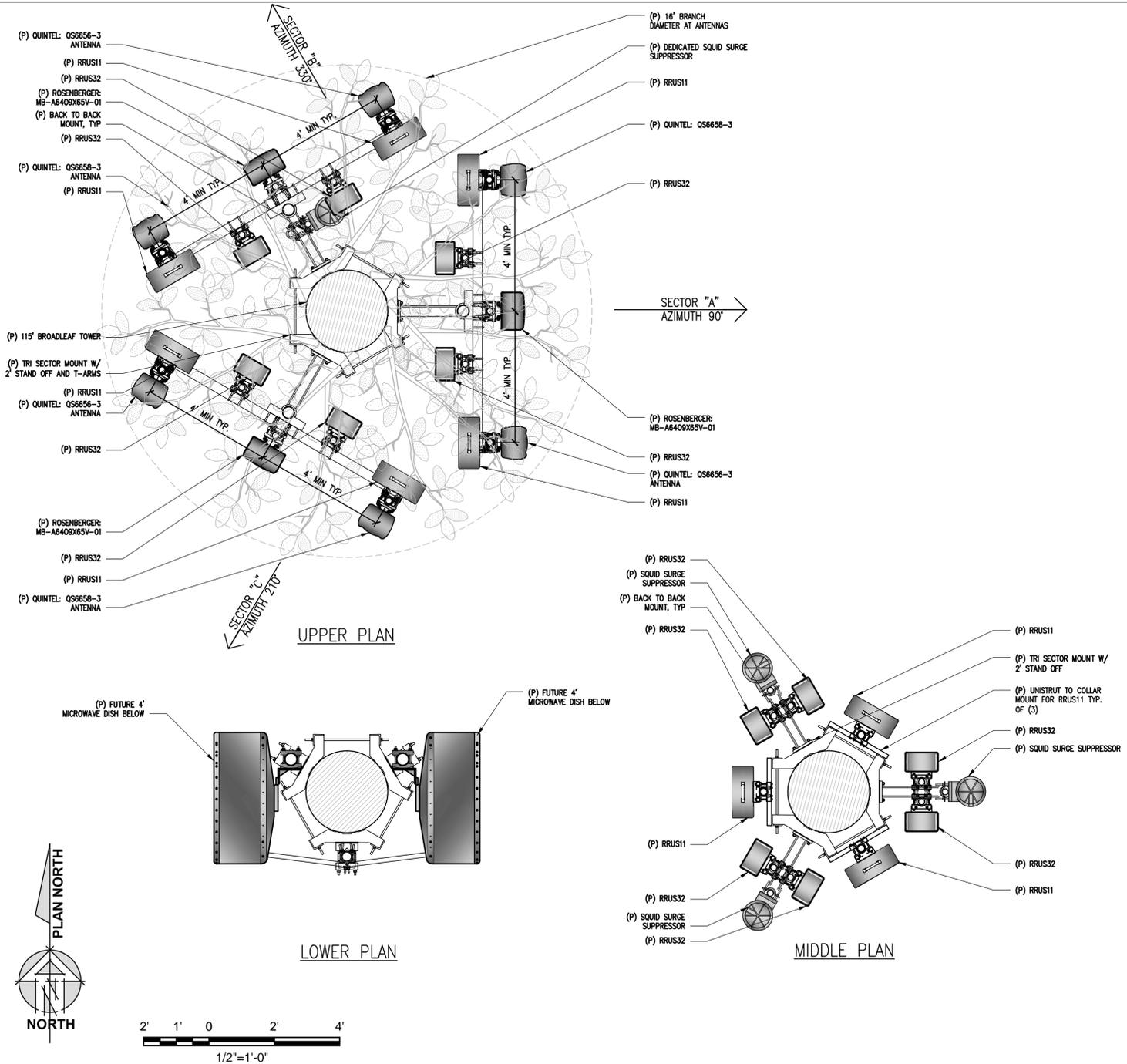


- ANTENNA = QUINTEL QS6656-3
WIND AREA = 6 SQ.FT.
WEIGHT = 65 LBS
DIMENSIONS = 72" (H) x 12" (W) x 9.6" (D)
- ANTENNA = QUINTEL QS6658-3
WIND AREA = 6 SQ.FT.
WEIGHT = 77 LBS
DIMENSIONS = 72" (H) x 12" (W) x 9.6" (D)
- ANTENNA = CCI HBSA-M65R-KU-H6
WIND AREA = 6.5 SQ.FT.
WEIGHT = 45.6 LBS
DIMENSIONS = 68.1" (H) x 13.7" (W) x 8.5" (D)
- ANTENNA = ROSENBERGER MB-A6409X65V-01
WIND AREA = 20.7 SQ.FT.
WEIGHT = 70.5 LBS
DIMENSIONS = 96" (H) x 13.8" (W) x 7.9" (D)

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

RF SCHEDULE									
SECTOR	ANTENNA MODEL NO.	AZIMUTH	RAD CENTER	RRUS	TMA	FIBER LENGTH	COAX LENGTH	FIBER NO.	
A L P H A	A1	QS6656-3	90° ± 100'-0"	(1) RRUS11 (1) RRUS32	N/A	± 130'	± N/A	TRUNK 1	
	A2	MB-A64D9X65V-01	90° ± 100'-0"	(2) RRUS32	N/A	± 130'	± N/A	TRUNK 4	
	A3	QS6658-3	90° ± 100'-0"	(2) RRUS11 (1) RRUS32	N/A	± 130'	± N/A	TRUNK 1	
B E T A	B1	QS6656-3	330° ± 100'-0"	(1) RRUS11 (1) RRUS32	N/A	± 130'	± N/A	TRUNK 2	
	B2	MB-A64D9X65V-01	330° ± 100'-0"	(2) RRUS32	N/A	± 130'	± N/A	TRUNK 4	
	B3	QS6658-3	330° ± 100'-0"	(2) RRUS11 (1) RRUS32	N/A	± 130'	± N/A	TRUNK 2	
G A M M A	C1	QS6656-3	210° ± 100'-0"	(1) RRUS11 (1) RRUS32	N/A	± 130'	± N/A	TRUNK 3	
	C2	MB-A64D9X65V-01	210° ± 100'-0"	(2) RRUS32	N/A	± 130'	± N/A	TRUNK 4	
	C3	QS6658-3	210° ± 100'-0"	(2) RRUS11 (1) RRUS32	N/A	± 130'	± N/A	TRUNK 3	
RF DATA SHEET v1.00.02 DATED 02/17/17				(2) (P) RRUS					

5 RF SCHEDULE
NOT TO SCALE



6 ENLARGED ANTENNA PLAN
1/2"=1'-0"

SITE TYPE: BROADLEAF TOWER

Issued For:
PILOT HILL
4822 SALMON FALLS ROAD
PILOT HILL, CA 95664

PREPARED FOR
at&t
2600 Camino Ramon, 4W850 N
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EPIC
WIRELESS GROUP

AT&T SITE NO: CVL03174
PROJECT NO: 13787606
DRAWN BY: CES
CHECKED BY: CES

REV	DATE	DESCRIPTION
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Licensor:
REGISTERED PROFESSIONAL ENGINEER
CRAIG M. HORNER
No. 84674
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STATE OF CALIFORNIA

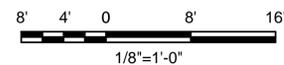
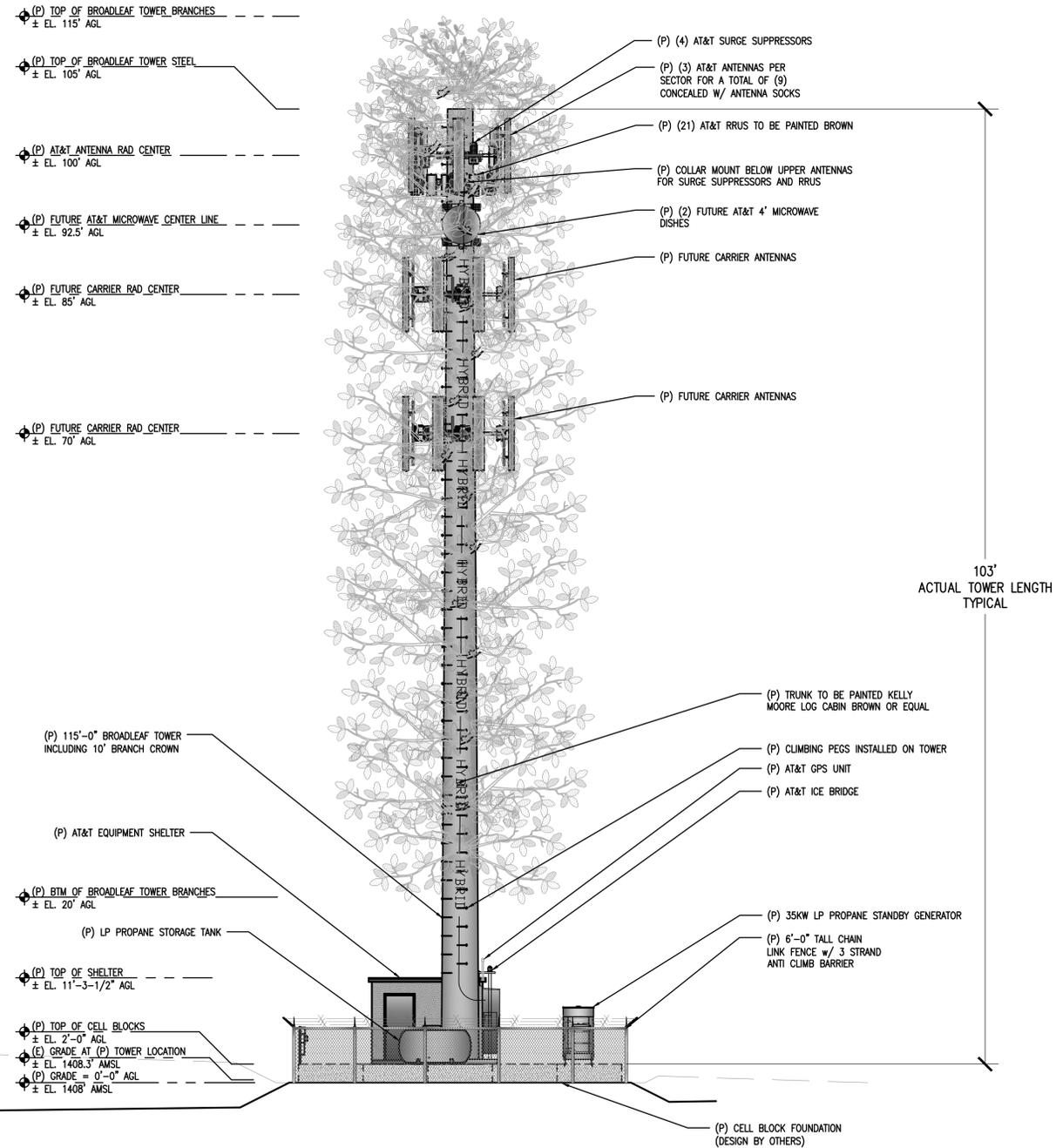
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ADAPTIVE RE-USE ENGINEERING
Craig Horner, PE 84674
214-407-3184
3112 LEATHA WAY
SACRAMENTO, CA 95821
craigmhorner@yahoo.com

SHEET TITLE:
ANTENNA PLAN & DETAILS

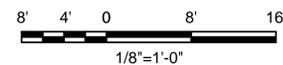
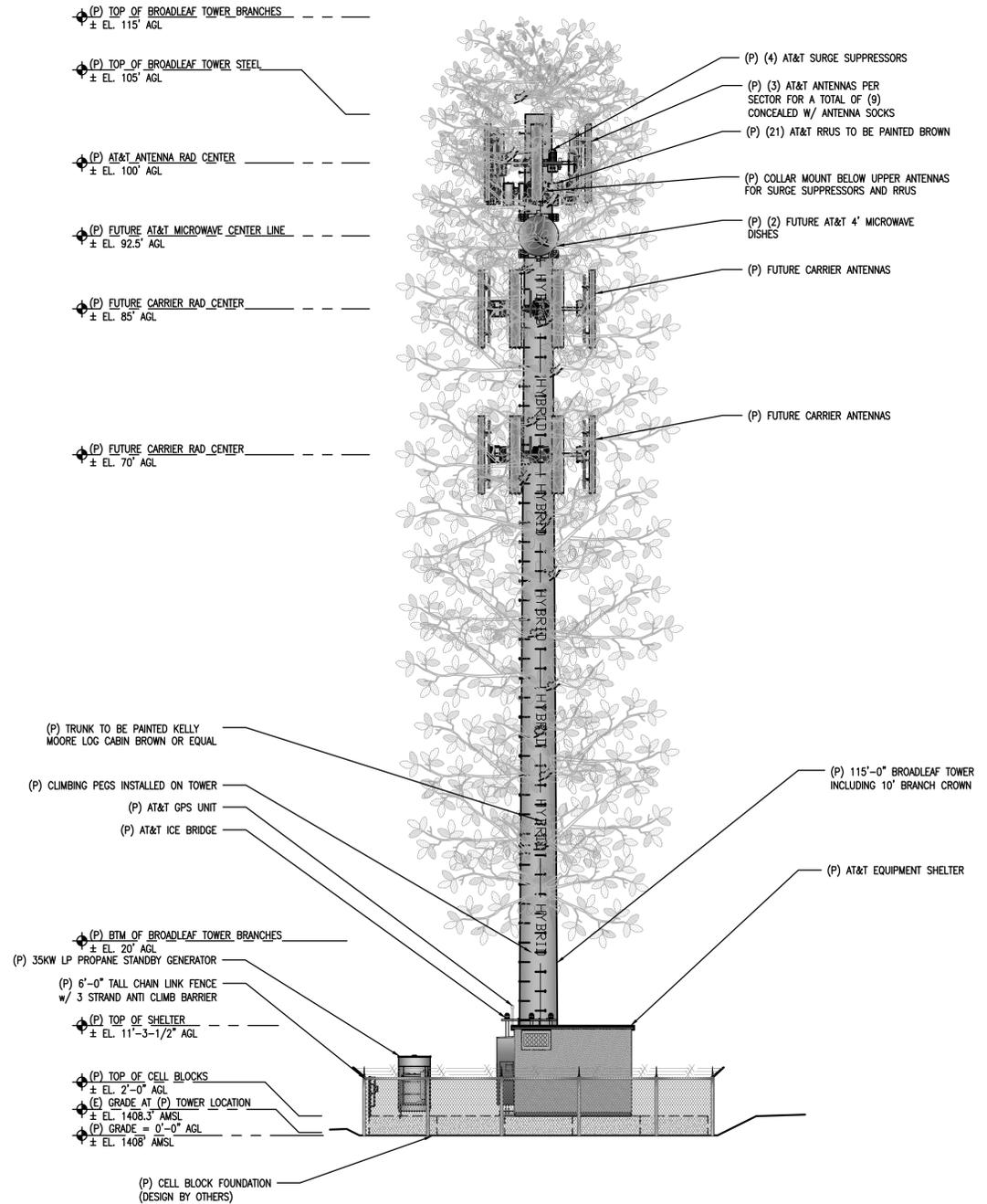
SHEET NUMBER:
A-3

NOTE:
BRANCHES SHOWN ARE FOR
ILLUSTRATIVE PURPOSES ONLY.
NOT TO SCALE



1 PROPOSED EAST ELEVATION
1/8"=1'-0"

NOTE:
BRANCHES SHOWN ARE FOR
ILLUSTRATIVE PURPOSES ONLY.
NOT TO SCALE



2 PROPOSED WEST ELEVATION
1/8"=1'-0"

Issued For:

PILOT HILL

4822 SALMON FALLS
ROAD
PILOT HILL, CA 95664

PREPARED FOR



2600 Camino Ramon, 4W850 N
San Ramon, California 94583



AT&T SITE NO: CVL03174

PROJECT NO: 13787606

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REV	DATE	DESCRIPTION
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Engineer:

**ADAPTIVE RE-USE
ENGINEERING**

Craig Horner, PE 84674
214-407-3184
3112 LEATHA WAY
SACRAMENTO, CA 95821
craigmhorner@yahoo.com

SHEET TITLE:

PROPOSED BROADLEAF
TOWER
WEST - EAST ELEVATION

SHEET NUMBER:

A-4.1

SITE TYPE: BROADLEAF TOWER/SHELTER

Site 5-Exhibit G

Existing



Proposed



view from Salmon Falls Road looking west at site



CVL03174 Pilot Hill
4822 Salmon Falls Road, Pilot Hill, CA
Photosims Produced on 3-29-2017

Existing



Proposed



view from Salmon Falls Road looking southwest at site



CVL03174 Pilot Hill
4822 Salmon Falls Road, Pilot Hill, CA
Photosims Produced on 3-29-2017

Existing



Proposed

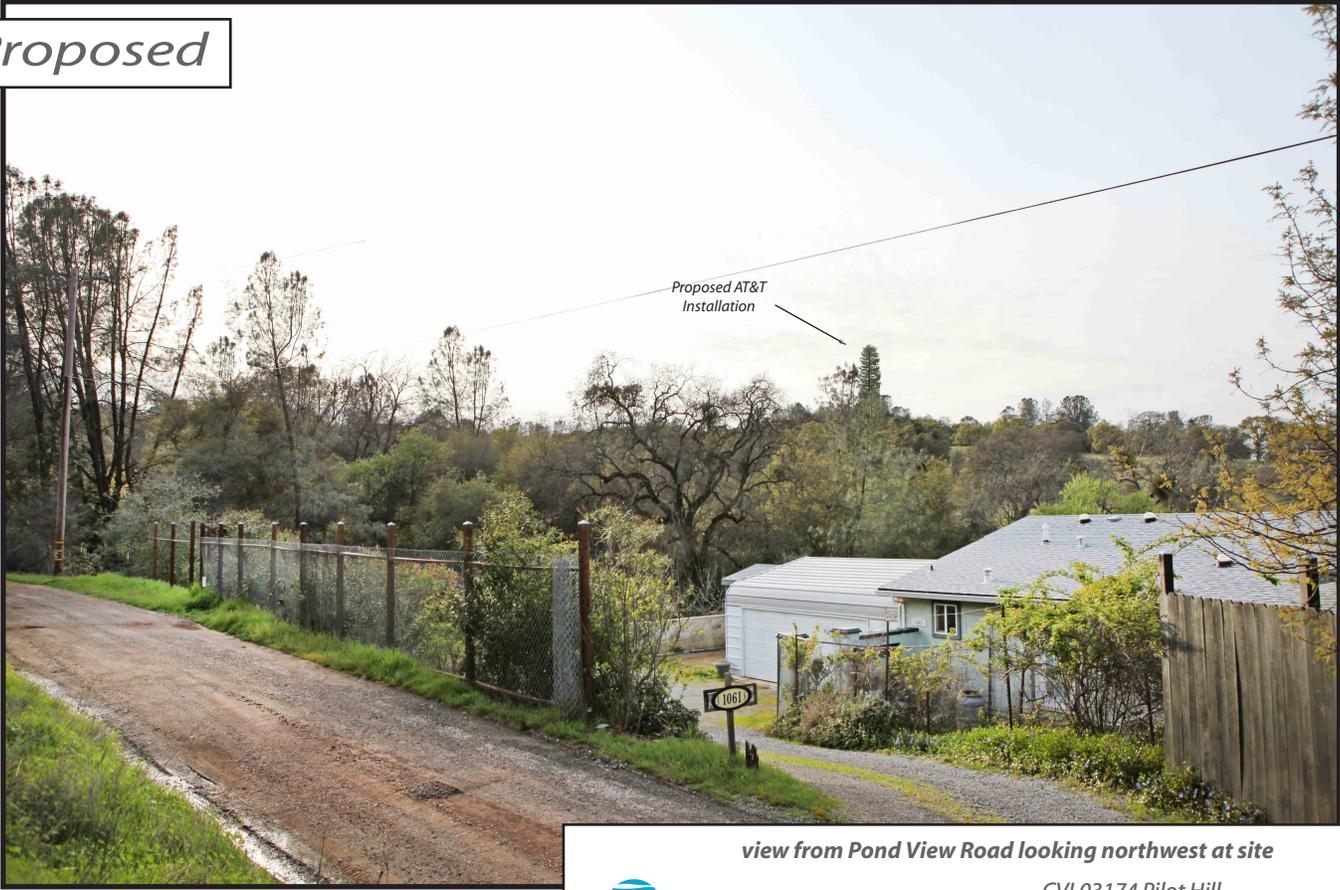


view from Pond View Road looking north at site

Existing



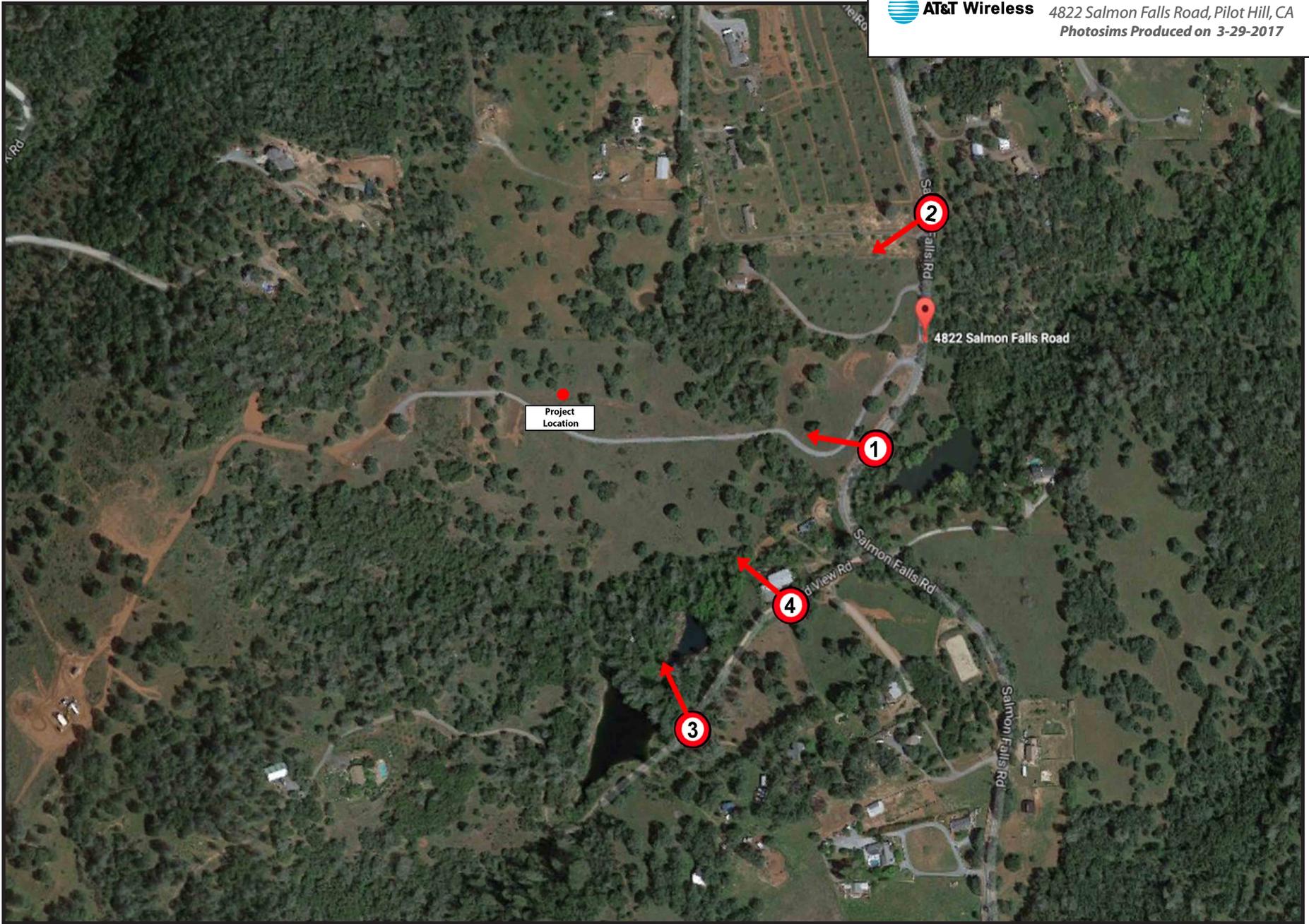
Proposed



view from Pond View Road looking northwest at site



CVL03174 Pilot Hill
4822 Salmon Falls Road, Pilot Hill, CA
Photosims Produced on 3-29-2017



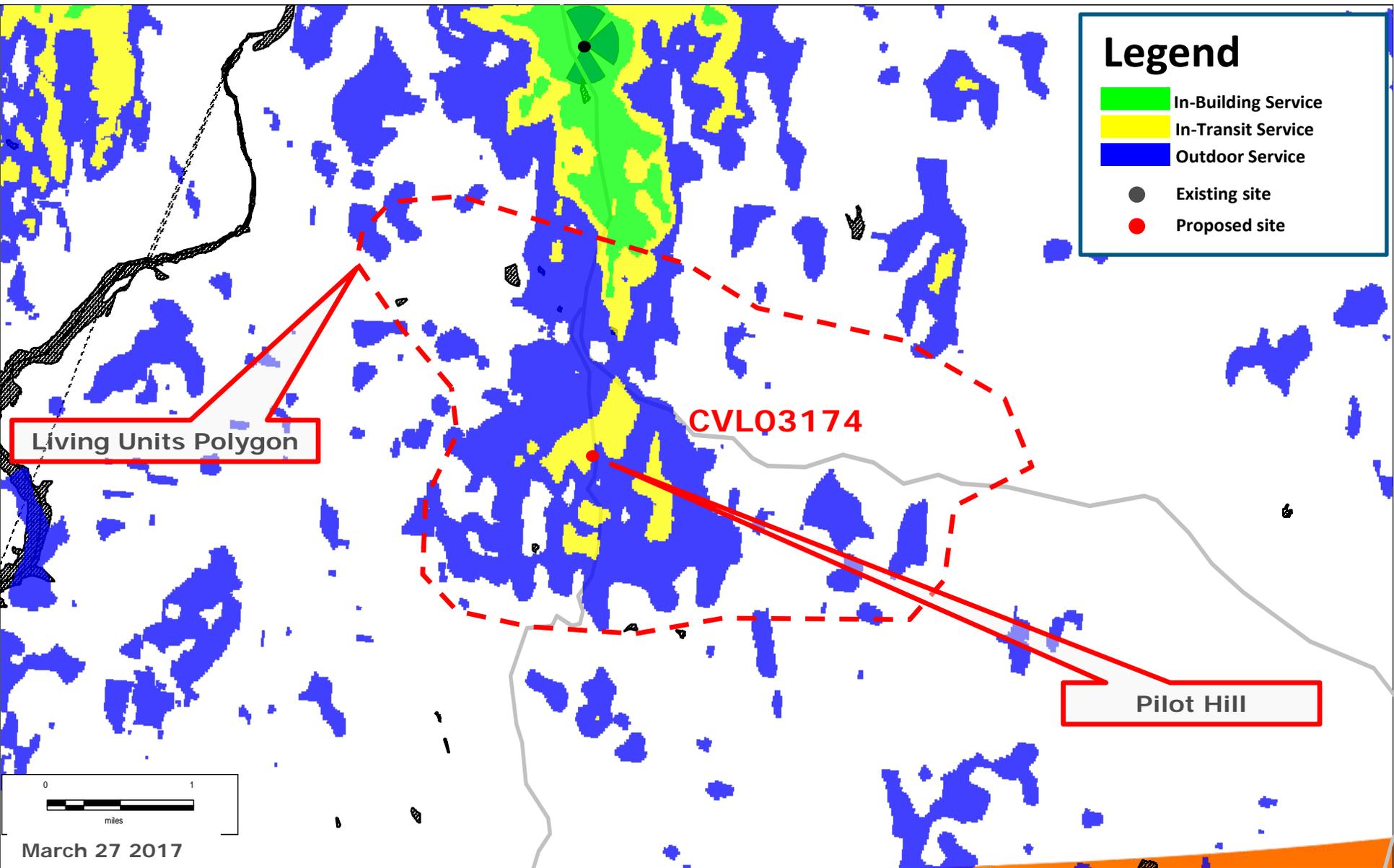
Site 5-Exhibit H

CVL03174 Zoning Propagation Map

March 27, 2017



Existing LTE 700 Coverage



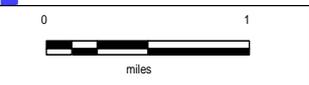
Legend

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

Living Units Polygon

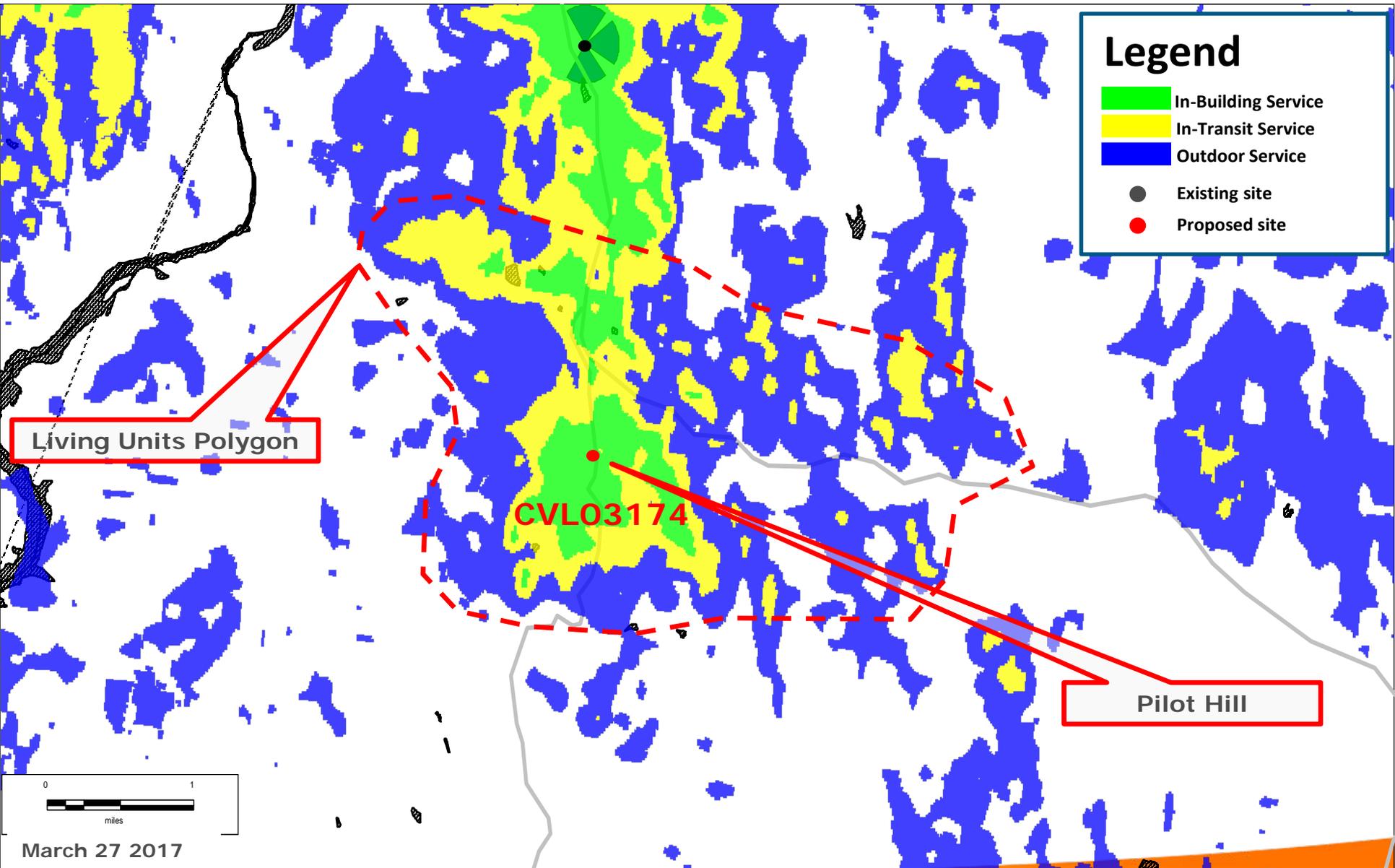
CVL03174

Pilot Hill



March 27 2017

Proposed LTE 700 Coverage – (RC = 100 feet) Supports 153 Living Units



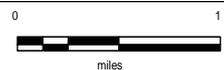
Legend

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

Living Units Polygon

CVL03174

Pilot Hill



March 27 2017



Radio Frequency Emissions Compliance Report For AT&T Mobility

Site Name: Pilot Hill	Site Structure Type: Broadleaf Tower
Address: 4822 Salmon Falls Road Pilot Hill, California	Latitude: 38.826566
Report Date: April 12, 2017	Longitude: -121.01605
	Project: New Build

General Summary

AT&T Mobility has contracted Waterford Consultants, LLC to conduct a Radio Frequency Electromagnetic Compliance assessment of the proposed Pilot Hill site located at 4822 Salmon Falls Road, Pilot Hill, 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)	<i>Limits for General Population/ Uncontrolled Exposure</i>		<i>Limits for Occupational/ Controlled Exposure</i>	
	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.

Site 5-Exhibit I

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 nine (9) new antennas
- Install twenty-one (21) new RRUS

The antennas will be mounted on a new 115-foot broadleaf tower erected for this purpose with centerlines at 100 feet above ground level. The antennas will be oriented toward 90, 330 and 210 degrees. The Effective Radiated Power (ERP) in any direction from all AT&T Mobility operations will not exceed 18,303 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 1.607% of the FCC General Population limits (0.3214% of the FCC Occupational limits). Incident at adjacent buildings depicted in Figure 1, the maximum predicted power density level resulting from all AT&T Mobility operations is 0.1625% of the FCC General Population limits (0.0325% of the FCC Occupational 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.

Within the proposed compound surrounding the tower, the maximum predicted power density level resulting from all AT&T Mobility operations is 0.1350% of the FCC General Population limits (0.0270% of the FCC Occupational limits). Waterford Consultants, LLC recommends posting contact information signage at the compound gate. RF alerting signage (Caution) should be posted at the base of the proposed tower to inform authorized climbers of potential conditions near the antennas. These recommendations are depicted in Figure 2.

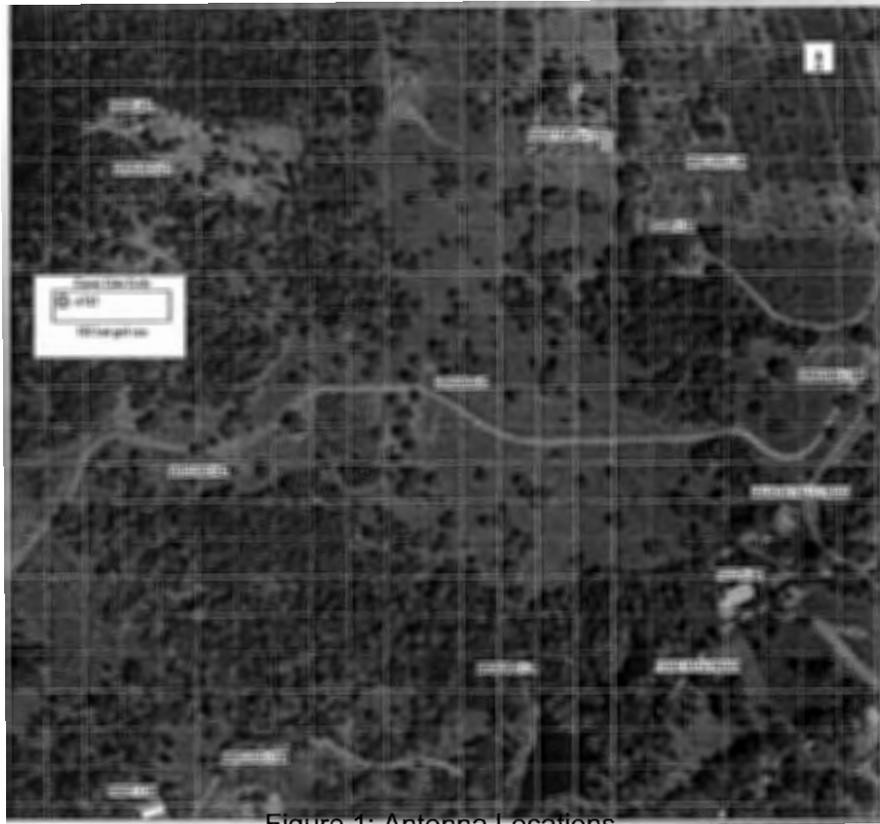


Figure 1: Antenna Locations

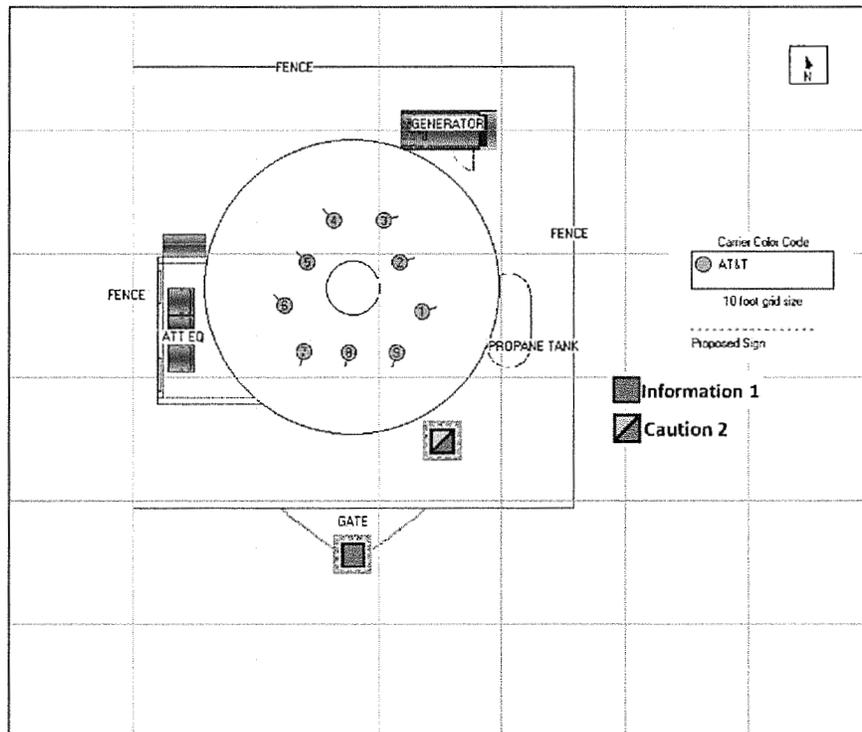


Figure 2: Mitigation Recommendations

Compliance Statement

Based on information provided by AT&T Mobility and predictive modeling, the installation proposed by AT&T Mobility at 4822 Salmon Falls Road, Pilot Hill, 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 tower to authorized climbers that have completed RF safety training is required for Occupational environment compliance.

Certification

I, Steven N. Baier-Anderson, 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.

