



at&t

SITE NUMBER: CVL03411 SITE NAME: SOAPWEED

4070 STOPE DR
PLACERVILLE, CA 95667

PROPRIETARY INFORMATION

THE INFORMATION CONTAINED IN THIS SET OF DRAWINGS IS PROPRIETARY BY NATURE. ANY USE OR DISCLOSURE OTHER THAN THAT WHICH RELATES TO PEEK SITE-COM IS STRICTLY PROHIBITED

CLIENT:



2600 CAMINO RAMON
SAN RAMON, CA 94583

PROJECT INFORMATION:

SOAPWEED

4070 STOPE DR
PLACERVILLE, CA 95667

REV: DATE: DESCRIPTION: BY:

1	6-14-17	90% ZONING DOC'S	RB
2	8-3-17	REV 90% ZONING DOC'S	RB
3	8-21-17	100% ZONING DOC'S	RB

COORDINATING ENGINEER:

Peek Site-Com
12852 Earhart Ave. Suite 101
Auburn, California 95602
Phone (530) 885-6160
E-Mail info@peeksitecom.com

SEAL:



SITE #: CVL03411 CHK.: ... DRAWN BY: RB

SHEET TITLE: TITLE SHEET

SHEET NUMBER: T-1 REVISION: 0

TITLE SHEET

SHEET NUMBER: T-1 REVISION: 0

TITLE SHEET

SHEET NUMBER: T-1 REVISION: 0

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TITLE SHEET

PROJECT INFORMATION

APPLICANT:
AT&T MOBILITY
2600 CAMINO RAMON
SAN RAMON, CA 94583

CONSTRUCTION MANAGER:
PETE MANAS
EPIC WIRELESS
8700 AUBURN FOLSOM ROAD, SUITE 400
GRANITE BAY, CA 95746
(530) 383-5957

SITE SURVEY:
GIL ENGINEERING
1226 HIGH STREET
AUBURN, CA 95603
(530) 885-0426

RF ENGINEER:
MUHAMMAD AHMED
MA912P@ATT.COM

RFDS VERSION/DATE:
1.00.01 / 05-01-17

ENGINEERING FIRM:
PEEK SITE-COM
12852 EARHART AVE SUITE 101
AUBURN, CA 95602
(530) 885-6160

SITE ACQUISITION & PLANNING:
JARED KEARSLEY
EPIC WIRELESS
8700 AUBURN FOLSOM ROAD, SUITE 400
GRANITE BAY, CA 95746
(916) 755-1326

CIVIL VENDOR:
VINCOLUMS CONSTRUCTION MANAGER
KEN ABEL
KABEL@VINCOLUMS.COM
(916) 844-4602

PROJECT TEAM

SITE NAME:
SITE NUMBER:
FA LOCATION#:

SITE ADDRESS:

ASSESSORS PARCEL NUMBER:
LATITUDE:
LONGITUDE:
GROUND ELEVATION:

ZONING:
JURISDICTION:
COUNTY:

PROPERTY OWNER:
OWNER ADDRESS:

SOAPWEED
CVL03411
13787568

4070 STOPE DR
PLACERVILLE, CA 95667

085-010-13-100
38.808183°
-120.697967°
3,151' AMSL

FR-40
EL DORADO COUNTY
EL DORADO

DAVID JOSEPH RONZONE JR
P.O. BOX 889
EL DORADO, CA 95623

SHEET INDEX

T-1
GN-1
GN-2
C-1
C-2
C-3
C-4
C-5
A-1
A-2
A-3
A-4

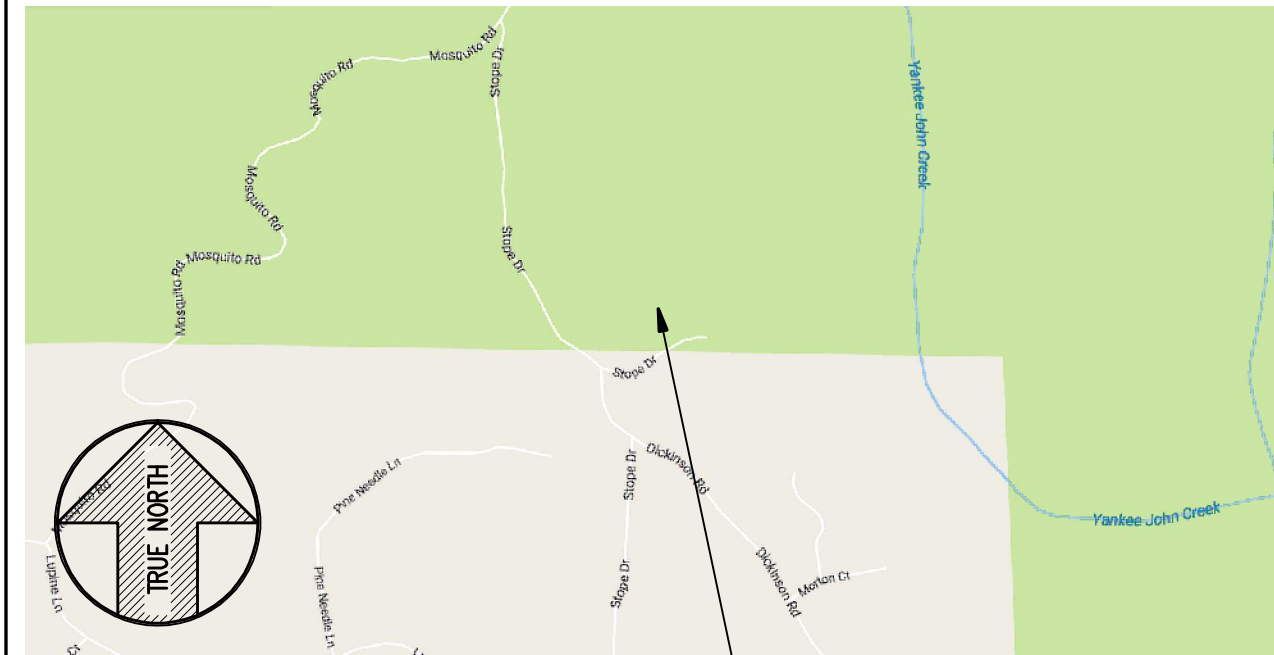
TITLE SHEET
GENERAL NOTES
SITE SIGNAGE
SITE SURVEY
SITE SURVEY
EROSION CONTROL PLAN & DETAILS
GRADING NOTES & DETAILS
PRELIMINARY GROUNDING PLAN
OVERALL SITE PLAN
EQUIPMENT PLAN
ANTENNA PLAN & DETAILS
ELEVATIONS

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 CONSTRUED TO PERMIT WORK NOT CONFORMING TO THESE CODES.

- 2016 CALIFORNIA BUILDING CODE
- 2016 CALIFORNIA FIRE CODE
- 2016 CALIFORNIA ELECTRICAL CODE
- 2016 CALIFORNIA PLUMBING CODE
- 2016 CALIFORNIA MECHANICAL CODE
- 2016 CALIFORNIA HEALTH AND SAFETY CODE

VICINITY MAP



SITE LOCATION

DIRECTIONS FROM AT&T

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

- TURN RIGHT ONTO CAMINO RAMON
- CONTINUE STRAIGHT TO STAY ON CAMINO RAMON
- TURN RIGHT ONTO BOLLINGER CANYON RD
- MERGE ONTO I-680 N
- TAKE EXIT 71A TOWARD I-80 E/SACRAMENTO
- MERGE ONTO I-80 E
- 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
- CONTINUE ONTO US-50 E/EL DORADO FWY
- TURN LEFT ONTO SPRING ST
- TURN LEFT ONTO COLOMA ST
- TURN RIGHT ONTO CA-193 W
- TURN RIGHT ONTO ROCK CREEK RD
- TURN LEFT ONTO SLUICE CREEK RD
- TURN RIGHT ONTO SWANSBORO RD
- TURN LEFT ONTO MOSQUITO RD
- TURN RIGHT ONTO LUPINE LN
- TURN LEFT ONTO STOPE DR

PROJECT DESCRIPTION

AT&T PROPOSES TO CONSTRUCT A NEW UNMANNED TELECOMMUNICATIONS FACILITY. AT&T WILL INSTALL:

- (1) NEW 15' WIDE GRAVEL ACCESS ROAD
- (1) NEW 40'X45' FENCED LEASE AREA
- (1) NEW 6' CHAIN LINK FENCE
- (1) NEW 12' WIDE DOUBLE ACCESS GATE
- (1) NEW 133' MONOPIE (TOP OF BRANCHES AT 140')
- (1) NEW PRE-FAB "WIC" LIGHT WEIGHT EQUIPMENT SHELTER WITH ANCILLARY INTERIOR EQUIPMENT
- (1) NEW GPS ANTENNA
- (1) NEW 15kw PROPANE GENERATOR
- (1) LP PROPANE TANK (500 GALLON)
- (12) NEW ANTENNAS
- (6) NEW RRUS-11, (3) NEW RRUS-12, (12) NEW RRUS-32
- (4) NEW SURGE SUPPRESSORS
- (2) FUTURE 4' M/W DISH

OCCUPANCY & CONST. TYPE

OCCUPANCY: U (UNMANNED)
CONSTRUCTION TYPE: V-B

SPECIAL INSPECTIONS

*SEE SPECIAL INSPECTION FORM

- POST-INSTALLED ANCHORS
- HIGH STRENGTH BOLTING

Attachment 1
Site 4 Soapweed

APPROVALS

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

GENERAL CONTRACTOR NOTES

DO NOT SCALE DRAWINGS

THESE DRAWINGS ARE FORMATTED TO BE FULL SIZE 24"X36". 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.



ACCESSIBILITY REQUIREMENTS:
THIS FACILITY IS UNMANNED AND NOT FOR HUMAN HABITATION, HANDICAPPED ACCESS REQUIREMENTS ARE NOT REQUIRED IN ACCORDANCE WITH THE 2016 CALIFORNIA BUILDING CODE, CHAPTER 11B, EXCEPTION SECTION 11B-203.5

GENERAL CONSTRUCTION NOTES:

1. DRAWINGS ARE NOT TO BE SCALED. WRITTEN DIMENSIONS TAKE PRECEDENCE, AND THIS SET OF PLANS IS INTENDED TO BE USED FOR DIAGRAMMATIC PURPOSES ONLY, UNLESS NOTED OTHERWISE. THE GENERAL CONTRACTOR'S SCOPE OF WORK SHALL INCLUDE FURNISHING ALL MATERIALS, EQUIPMENT, LABOR, AND ANYTHING ELSE DEEMED NECESSARY TO COMPLETE INSTALLATIONS AS DESCRIBED HEREIN.
2. PRIOR TO THE SUBMISSION OF BIDS, THE CONTRACTORS INVOLVED SHALL VISIT THE JOB SITE AND FAMILIARIZE THEMSELVES WITH ALL CONDITIONS AFFECTING THE PROPOSED PROJECT, WITH THE CONSTRUCTION AND CONTRACT DOCUMENTS, FIELD CONDITIONS AND CONFIRM THAT THE PROJECT MAY BE ACCOMPLISHED AS SHOWN PRIOR TO PROCEEDING WITH CONSTRUCTION. ANY ERRORS, OMISSIONS, OR DISCREPANCIES ARE TO BE BROUGHT TO THE ATTENTION OF THE ARCHITECT/ENGINEER.
3. THE GENERAL CONTRACTOR SHALL RECEIVE WRITTEN AUTHORIZATION TO PROCEED WITH CONSTRUCTION PRIOR TO STARTING WORK ON ANY ITEM NOT CLEARLY DEFINED BY THE CONSTRUCTION DRAWINGS/ CONTRACT DOCUMENTS.
4. THE CONTRACTOR SHALL SUPERVISE AND DIRECT THE PROJECT DESCRIBED HEREIN. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR ALL CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES AND PROCEDURES AND FOR COORDINATING ALL PORTIONS OF THE WORK UNDER THE CONTRACT.
5. THE CONTRACTOR SHALL INSTALL ALL EQUIPMENT AND MATERIALS ACCORDING TO MANUFACTURER'S/ VENDOR'S SPECIFICATIONS UNLESS NOTED OTHERWISE OR WHERE LOCAL CODES OR ORDINANCES TAKE PRECEDENCE.
6. ALL WORK PERFORMED ON PROJECT AND MATERIALS INSTALLED SHALL BE IN STRICT ACCORDANCE WITH ALL APPLICABLE CODES, REGULATIONS, AND ORDINANCES. CONTRACTOR SHALL GIVE ALL NOTICES AND COMPLY WITH ALL LAWS, ORDINANCES, RULES, REGULATIONS AND LAWFUL ORDERS OF ANY PUBLIC AUTHORITY, MUNICIPAL AND UTILITY COMPANY SPECIFICATIONS, AND LOCAL AND STATE JURISDICTIONAL CODES BEARING ON THE PERFORMANCE OF THE WORK.
7. GENERAL CONTRACTOR SHALL PROVIDE AT THE PROJECT SITE A FULL SET OF CONSTRUCTION DOCUMENTS UPDATED WITH THE LATEST REVISIONS AND ADDENDUMS OR CLARIFICATIONS FOR THE USE BY ALL PERSONNEL INVOLVED WITH THE PROJECT.
8. THE STRUCTURAL COMPONENTS OF THIS PROJECT SITE/ FACILITY ARE NOT TO BE ALTERED BY THIS CONSTRUCTION PROJECT UNLESS NOTED OTHERWISE.
9. DETAILS INCLUDED HEREIN ARE INTENDED TO SHOW END RESULT OF DESIGN. MINOR MODIFICATIONS MAY BE REQUIRED TO SUIT JOB CONDITIONS OR SITUATIONS, AND SUCH MODIFICATIONS SHALL BE INCLUDED AS PART OF THE SCOPE OF WORK.
10. SEAL PENETRATIONS THROUGH FIRE-RATED AREAS WITH U.L. LISTED OR FIRE MARSHALL APPROVED MATERIALS IF APPLICABLE TO THIS FACILITY AND OR PROJECT SITE.
11. PROVIDE A PORTABLE FIRE EXTINGUISHER WITH A RATING OF NOT LESS THAN 2-A OR 2-A10BC WITHIN 75 FEET TRAVEL DISTANCE TO ALL PORTIONS OF THE PROJECT AREA DURING CONSTRUCTION.
12. THE CONTRACTOR SHALL MAKE NECESSARY PROVISIONS TO PROTECT EXISTING IMPROVEMENTS, EASEMENTS, PAVING, CURBING, ETC. DURING CONSTRUCTION. UPON COMPLETION OF WORK, CONTRACTOR SHALL REPAIR ANY DAMAGE THAT MAY HAVE OCCURRED DUE TO CONSTRUCTION ON OR ABOUT THE PROPERTY.
13. CONTRACTOR SHALL SEE TO IT THAT GENERAL WORK AREA IS KEPT CLEAN AND HAZARD FREE DURING CONSTRUCTION AND DISPOSE OF ALL DIRT, DEBRIS, RUBBISH AND REMOVE EQUIPMENT NOT SPECIFIED AS REMAINING ON THE PROPERTY. PREMISES SHALL BE LEFT IN CLEAN CONDITION AND FREE FROM PAINT SPOTS, DUST, OR SMUDGES OF ANY NATURE.
14. THE ARCHITECTS/ENGINEERS HAVE MADE EVERY EFFORT TO SET FORTH IN THE CONSTRUCTION AND CONTRACT DOCUMENTS THE COMPLETE SCOPE OF WORK. CONTRACTORS BIDDING THE JOB ARE NEVERTHELESS CAUTIONED THAT MINOR OMISSIONS OR ERRORS IN THE DRAWINGS AND OR SPECIFICATIONS SHALL NOT EXCUSE SAID CONTRACTOR FROM COMPLETING THE PROJECT AND IMPROVEMENTS IN ACCORDANCE WITH THE INTENT OF THESE DOCUMENTS. THE BIDDER SHALL BEAR THE RESPONSIBILITY OF NOTIFYING (IN WRITING) THE ARCHITECT/ENGINEER OF ANY CONFLICTS, ERRORS, OR OMISSIONS PRIOR TO THE SUBMISSION OF CONTRACTOR'S PROPOSAL. IN THE EVENT OF DISCREPANCIES THE CONTRACTOR SHALL PRICE THE MORE COSTLY OR EXTENSIVE WORK, UNLESS DIRECTED OTHERWISE.

ABBREVIATIONS

ABV. ABOVE ADD'L ADDITIONAL A.G.L. ABOVE GROUND LEVEL ALUM. ALUMINUM APPROX. APPROXIMATELY AWG. AMERICAN WIRE GAUGE BLDG. BUILDING BLK. BLOCKING CAB. CABINET CONC. CONCRETE CONN. CONNECTION(OR) CONST. CONSTRUCTION CONT. CONTINUOUS DBL. DOUBLE DEPT. DEPARTMENT D.F. DOUGLAS FIR DIA. DIAMETER DIM. DIMENSION EA. EACH EL. ELEVATION ELEC. ELECTRICAL EMT. ELECTRICAL METALLIC TUBING ENG. ENGINEER EQ. EQUAL (E) EXISTING EXT. EXTERIOR FAB. FABRICATION F.A. FINISHED FLOOR F.B. FINISHED GRADE FT. (') FOOT (FEET) FTG. FOOTING GA. GAUGE GALV. GALVANIZE(D) G.F.I. GROUND FAULT CIRCUIT INTERRUPTER GPS GLOBAL POSITIONING SYSTEM GRND. GROUND(ING) HT. HEIGHT ICGB. ISOLATED COPPER GROUND BUS IN. (") INCH(ES) INT. INTERIOR L.B. LAG BOLTS	L.F. LINEAR FEET (FOOT) MAX. MAXIMUM M.B. MACHINE BOLT MECH. MECHANICAL MFR. MANUFACTURER MIN. MINIMUM MISC. MISCELLANEOUS MTL. METAL (N) NEW NO. (#) NUMBER N.T.S. NOT TO SCALE O.C. ON CENTER P/C PRECAST CONCRETE PPC POWER PROTECTION CABINET P.S.F. POUNDS PER SQUARE FOOT P.S.I. POUNDS PER SQUARE INCH P.T. PRESSURE TREATED QTY. QUANTITY RAD. (R) RADIUS REF. REFERENCE REINF. REINFORCEMENT(ING) REQ'D REQUIRED RGS RIGID GALVANIZED STEEL SCH. SCHEDULE SH. SHEET SPEC. SPECIFICATIONS SQ. SQUARE S.S. STAINLESS STEEL STD. STANDARD STL. STEEL STRUC. STRUCTURAL TEMP. TEMPORARY T.O.A. TOP OF ANTENNAS T.O.F. TOP OF FOUNDATION T.O.P. TOP OF PLATE (PARAPET) T.O.W. TOP OF WALL TYP. TYPICAL U/G UNDER GROUND V.I.F. VERIFY IN FIELD W. WIDE (WIDTH) W/ WITH WT. WEIGHT
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SYMBOLS LEGEND

	WOOD FENCE
	CHAIN LINK FENCE
	HIDDEN LINE
	COAX/POWER/FIBER CONDUIT
	PROPERTY LINE
	ELEVATION DATUM
	EARTH
	CONCRETE
	SAND
	GRATE PLATFORM
	GRAVEL
	FRP (FIBERGLASS REINFORCED PLASTIC)
	NEW DC SURGE SUPPRESSOR
	NEW ANTENNA
	NEW RRU

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2600 CAMINO RAMON
SAN RAMON, CA 94583

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PLACERVILLE, CA 95667

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COORDINATING ENGINEER: _____

Peek Site-Com

12852 Earhart Ave. Suite 101
Auburn, California 95602
Phone (530) 885-6160
E-Mail info@peeksitcom.com

SEAL: _____



SITE #: _____ CHK.: _____ DRAWN BY: _____


CVL03411 ... RB

SHEET TITLE: _____

GENERAL NOTES

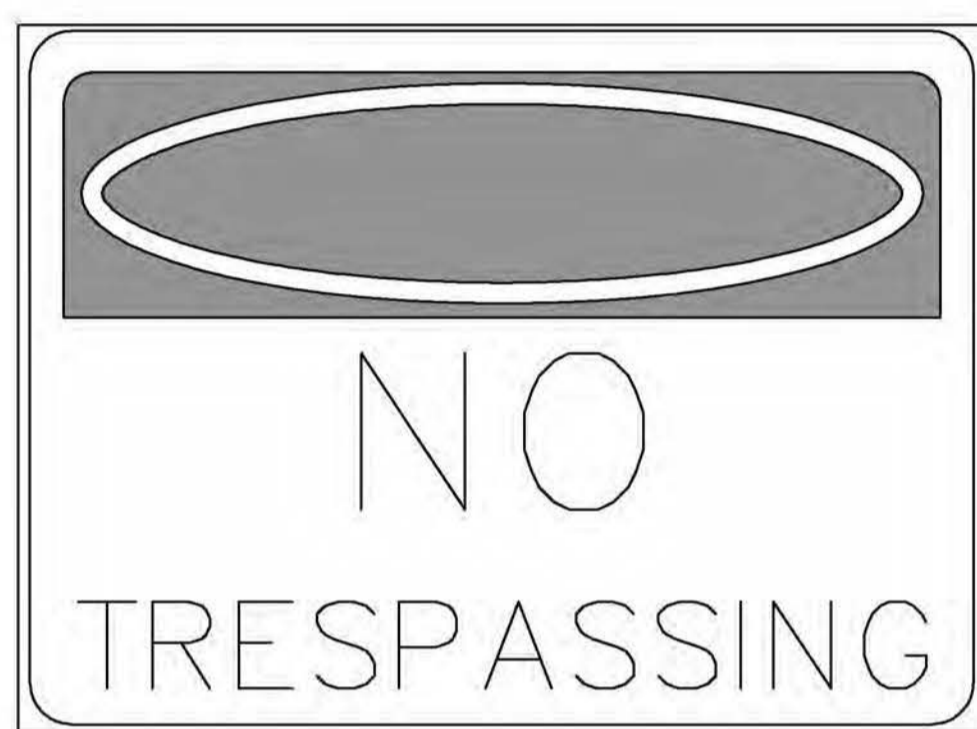
SHEET NUMBER: _____ REVISION: _____

GN-1 0



This Site Operated by:
AT&T MOBILITY
 2600 CAMINO RAMON, 4W850 N
 SAN RAMON, CA 94583
 IN CASE OF FIRE AND THE NEED FOR SHUTDOWN
 TO DEACTIVATE ANTENNAS CALL
 THE FOLLOWING NUMBER:
 For 24 Hour Emergency Contact and Access Please Call:
 (800) 832-6662
 Reference Site#: CVL03158
 Site Address: 4070 STOPE DR, PLACERVILLE, CA 95667

FENCED COMPOUND SIGNAGE



FENCED COMPOUND SIGNAGE



DOOR/EQUIPMENT SIGN

Property of AT&T
Authorized Personnel Only
 In case of emergency, or prior to performing maintenance on this site, call _____ and reference cell site number _____

SHELTER/CABINET DOORS SIGNAGE

INFORMATION SIGN 1-1

INFORMATION SIGN 1-2

INFORMATION SIGN 1-3

1. CONTRACTOR SHALL INSTALL ALL INFORMATION SIGNAGE IN ACCORDANCE W/ AT&T WIRELESS DOCUMENT #03-0074, RF EXPOSURE POLICY AND RF SAFETY COMPLIANCE PROGRAM, LATEST EDITION.
2. FABRICATION:
 *SIGN 1-1: ENTRANCE DOOR, SEE DETAIL 1A, THIS SHEET
 SIGN 1 IS TO BE MADE ON THE 50 MIL ALUMINUM SHEETING (SIZE 8 INCHES BY 12 INCHES) W/ (4) 1/4 INCH MOUNTING HOLES, ONE EACH CORNER OF THE SIGN FOR MOUNTING W/ HARDWARE W/ THE WRAPS. THE MAIN BACKGROUND COLOR IS THE BE WHITE FRONT & BACK W/ BLACK LETTERING
- THE INFORMATION BAND SHALL BE 1.2 INCH SOLID GREEN BAND W/ 0.5 INCH HIGH BLACK LETTERING. THE BODY OF THE TEXT SHALL BE IN BLACK LETTERING W/ 0.2 INCH HIGH LETTERS. THE REF LINE SHALL BE IN 1/8 INCH LETTERS.
- THE PLACEMENT OF TEXT SHALL BE DONE IN A MANNER THAT WILL PERMIT EASY READING FROM A DISTANCE OF APPROXIMATELY 6 FEET IN FRONT OF THE SIGN.
- ALL PAINT WILL BE BAKER W/ ENAMEL W/ UV PROTECTIVE COATING OVER THE FACE OF THE SIGN.

- *SIGN 1-2 POLE, SEE DETAIL 1B, THIS SHEET.
- SIGN 2 MUST BE A NON METALLIC LABEL W/ AN ADHESIVE BACKING, THE LABEL SHALL BE MADE USING VINYL OR SIMILAR WEATHERPROOF MATERIAL, THE LABEL SHALL BE APPROXIMATELY 5X7 INCHES W/ A WHITE BACKGROUND AND BLACK LETTERING. THE GREEN BAND SHALL BE 1.375 INCH IN HEIGHT & THE LETTERING SHALL BE BLACK W/ 0.75 INCH HIGH LETTERS. THE TEXT LETTERING SHALL BE BLACK W/ 1/8 INCH HIGH LETTERS. UV PROTECTION SHALL BE PLACED OVER THE FRONT OF THE LABEL.
- *SIGN 1-3: BACK OF ANTENNAS, SEE DETAIL 1C & 3, THIS SHEET
- *SIGN 3 IS A 1 INCH X 2 INCH PANEL THAT CAN BE APPLIED TO THE BACK OR SIDE OF AN ANTENNA TO IDENTIFY IT AS AN AT&T ANTENNA.
- *SIGN 1-4: SIDE OF ANTENNAS, SEE DETAIL 1D & 3, THIS SHEET
- SIGN 4 IS MADE FROM TRANSPARENT MATERIAL 1-1/2 INCHES WIDE & 24 INCHES LONG. THE LETTERING IS TO BE BLACK W/ 1/2 INCH LETTERING IN A VERTICAL COLUMN. THE SPACING BETWEEN WORDS MUST BE SUCH THAT IT IS EASILY READ & FILLS THE LENGTH OF THE SIGN

INFORMATION SIGNAGE

FCC ASR SIGNAGE

Property of AT&T
Authorized Personnel Only
 No Trespassing
 Violators will be Prosecuted
 In case of emergency, or prior to performing maintenance on this site, call _____ and reference cell site number _____

GATE SIGNAGE

- NOTE:
- CONTRACTOR SHALL INSTALL ALL INFORMATION SIGNAGE IN ACCORDANCE W/ AT&T WIRELESS DOCUMENT #03-0074, RF EXPOSURE POLICY AND RF SAFETY COMPLIANCE PROGRAM, LATEST EDITION.
 - CONTRACTOR SHALL CONTACT AT&T R-RFSC FOR INFORMATION ON MPE LEVELS AND INSTRUCTIONS ON LEVEL AND LOCATION OF SIGNAGE.

CAUTION AND WARNING SIGN


NOTICE SIGN

SIGNAGE AND STRIPING INFORMATION

- THE FOLLOWING INFORMATION IS A GUIDELINE W/ RESPECT TO PREVAILING STANDARDS LIMITING HUMAN EXPOSURE TO RADIO FREQUENCY ENERGY AND SHOULD BE USED AS SUCH. IF THE SITE'S EMF REPORT OR ANY LOCAL, STATE OR FEDERAL GUIDELINES OR REGULATIONS SHOULD BE IN CONFLICT W/ ANY PART OF THESE NOTES OR PLANS, THE MORE RESTRICTIVE GUIDELINE OR REGULATION SHALL BE FOLLOWED AND OVERRIDE THE LESSER.
- THE PUBLIC LIMIT OF RF EXPOSURE ALLOWED BY AT&T IS 1MWCM² AND THE OCCUPATIONAL LIMIT OF RF EXPOSURE ALLOWED BY AT&T IS 5MWCM²
- IF THE BOTTOM OF THE ANTENNA IS MOUNTED (8) EIGHT FEET ABOVE THE GROUND OR WORKING PLATFORM LINE OF THE PERSONAL COMMUNICATION SYSTEM (PCS) AND DOES NOT EXCEED THE PUBLIC LIMIT OF RF EXPOSURE LIMIT THEN NO STRIPING OR BARRICADES SHOULD BE NEEDED.
- IF THE PUBLIC LIMIT OF RF EXPOSURE ON THE SITE IS EXCEEDED AND THE AREA IS PUBLICLY ACCESSIBLE (E.G. ROOF ACCESS DOOR THAT CANNOT BE LOCKED, OR FIRE EGRESS) THEN BOTH BARRICADES AND STRIPING SHALL BE PLACED AROUND THE ANTENNAS. THE EXACT EXTENT OF THE BARRICADES AND STRIPING SHALL BE DETERMINED BY THE EMF REPORT FOR THE SITE DONE BEFORE OR SHORTLY AFTER COMPLETION OF SITE CONSTRUCTION. USE THE PLANS AS A GUIDELINE FOR PLACEMENT OF SUCH BARRICADES AND STRIPING.
- IF THE PUBLIC LIMIT OF RF EXPOSURE ON THE SITE IS EXCEEDED AND THE AREA IS PUBLICLY ACCESSIBLE (E.G. ROOF ACCESS DOOR THAT CANNOT BE LOCKED, OR FIRE EGRESS) THEN BOTH BARRICADES AND STRIPING SHALL BE PLACED AROUND THE ANTENNAS. THE EXACT EXTENT OF THE BARRICADES & STRIPING SHALL BE DETERMINED BY THE EMF REPORT FOR THE SITE DONE BEFORE OR SHORTLY AFTER COMPLETION OF SITE CONSTRUCTION. USE THE PLANS AS A GUIDELINE FOR PLACEMENT OF SUCH BARRICADES AND STRIPING.
- ALL TRANSMIT ANTENNAS REQUIRE A THREE LANGUAGE WARNING SIGN WRITTEN IN ENGLISH, SPANISH, AND CHINESE. THIS SIGN SHALL BE PROVIDED TO THE CONTRACTOR BY THE AT&T CONSTRUCTION PROJECT MANAGER AT THE TIME OF CONSTRUCTION. THE LARGER SIGN SHALL BE PLACED IN PLAIN SIGHT AT ALL ROOF ACCESS LOCATIONS AND ON ALL BARRICADES. THE SMALLER SIGN SHALL BE PLACED ON THE ANTENNA ENCLOSURES IN A MANNER THAT IS EASILY SEEN BY ANY PERSON ON THE ROOF. WARNING SIGNS SHALL COMPLY W/ ANSI C95.2 COLOR, SYMBOL, AND CONTENT CONVENTIONS. ALL SIGNS SHALL HAVE AT&T'S NAME AND THE COMPANY CONTACT INFORMATION (E.G. TELEPHONE NUMBER) TO ARRANGE FOR ACCESS TO THE RESTRICTED AREAS. THIS TELEPHONE NUMBER SHALL BE PROVIDED TO THE CONTRACTOR BY THE AT&T CONSTRUCTION PROJECT MANAGER AT THE TIME OF CONSTRUCTION.
- PHOTOS OF ALL STRIPING, BARRICADES & SIGNAGE SHALL BE PART OF THE CONTRACTORS CLOSE OUT PACKAGE & SHALL BE TURNED INTO THE AT&T CONSTRUCTION PACKAGE & SHALL BE TURNED INTO THE AT&T CONSTRUCTION PROJECT MANAGER AT THE END OF CONSTRUCTION. STRIPING SHALL BE DONE W/ FADE RESISTANT YELLOW SAFETY PAINT IN A CROSS-HATCH PATTERN AS DETAILED BY THE CONSTRUCTION DRAWINGS. ALL BARRICADES SHALL BE MADE OF AN RF FRIENDLY MATERIAL SO AS NOT TO BLOCK OR INTERFERE W/ THE OPERATION OF THE ANTENNAS. BARRICADES SHALL BE PAINTED W/ FADE RESISTANT YELLOW SAFETY PAINT. THE CONTRACTOR SHALL PROVIDE ALL RF FRIENDLY BARRICADES NEEDED, & SHALL PROVIDE THE AT&T CONSTRUCTION PROJECT MANAGER W/ A DETAILED
- SHOP DRAWING OF EACH BARRICADE. UPON CONSTRUCTION COMPLETION.

GENERAL NOTES

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 E-Mail info@peeksitcom.com

SEAL:



SITE #: _____ CHK.: _____ DRAWN BY: _____

CVL03411 ... RB

SHEET TITLE: _____

SITE SIGNAGE

SHEET NUMBER: _____ REVISION: _____

GN-2 0

DATE OF SURVEY: 04-26-17
 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 2.84' FROM ELEVATIONS SHOWN.
 CONTOUR INTERVAL: 1 FT.
 CONTRACTOR IS RESPONSIBLE TO VERIFY LEASE AREA PRIOR TO CONSTRUCTION.
 ASSESSOR'S PARCEL NUMBER: 085-010-13-100
 OWNER(S): DAVID JOSEPH RONZONE TR
 P.O. BOX 889
 EL DORADO, CA 95623

A.T. & T. Mobility
 Project No./Name: CVL03411 / Soapweed
 Project Site Location: 4070 Stope Drive
 Placerville, CA 95667
 El Dorado County
 Date of Observation: 04-28-17
 Equipment/Procedure Used to Obtain Coordinates: Trimble Geo XT post processed with Pathfinder Office software.
 Type of Antenna Mount: Proposed Monopine Tower
 Coordinates (Center Lease Area)
 Latitude: N 38°48'29.46" (NAD83) N 38°48'29.81" (NAD27)
 Longitude: W 120°41'52.68" (NAD83) W 120°41'48.94" (NAD27)
 ELEVATION of Ground at Structure (NAVD88) 3151' AMSL

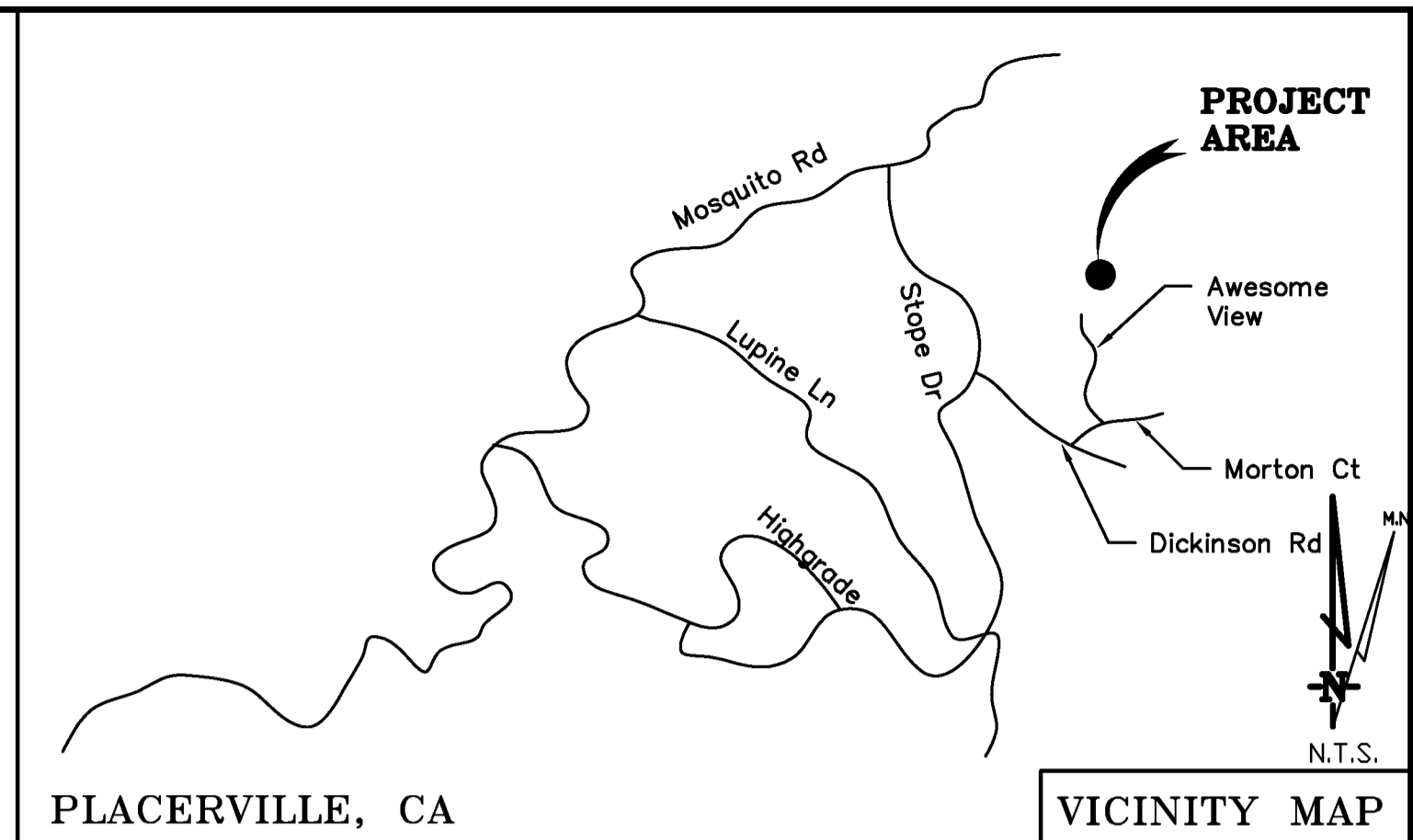
Lease Area Description

All that certain lease area being a portion of the Southeast 1/4 of the Southwest 1/4 of the Southeast 1/4 of Section 12, Township 11 N., Range 11 E., M.D.B. & M., as shown on the plat filed in Book 12 of Surveys, page 33 El Dorado County California Records being more particularly described as follows:

Commencing at the Southwest corner of the aforementioned Parcel of land; thence along the Westerly boundary thereof North 1°57'24" West, 381.06 feet; thence leaving said West boundary North 88°02'36" East, 70.65 feet to the True Point of Beginning; thence from said point of beginning South 87°45'14" East, 45.00 feet; thence South 2°14'46" West, 40.00 feet; thence North 87°45'14" West, 45.00 feet; thence North 2°14'46" East, 40.00 feet to the point of beginning.

Together with a non-exclusive easement for access and utility purposes, purposes fifteen feet in width, the centerline of which is more particularly described as follows: Beginning at a point which bears South 87°45'14" East, 10.14 feet from the Southwest corner of the above described lease area thence from said point of beginning along a non-tangent curve, concave to the west, having a radius of 7226.78 feet a central angle of 2°21'40", and a chord of 297.77 feet bearing North 3°29'09" West; thence South along said curve, a distance of 297.80 feet to a point hereafter referred to as Point A; thence South 57°36'11" West, a distance of 85.58 feet more or less to the existing traveled way commonly known as Awesome View.

Also together with a non-exclusive easement for utility purposes, purposes six feet in width, the centerline of which is more particularly described as follows: Beginning at the above described Point A; thence South 02°17'04" East, a distance of 5.20 feet; thence North 57°36'11" East, a distance of 98.0 feet more or less to an existing utility service connection location.



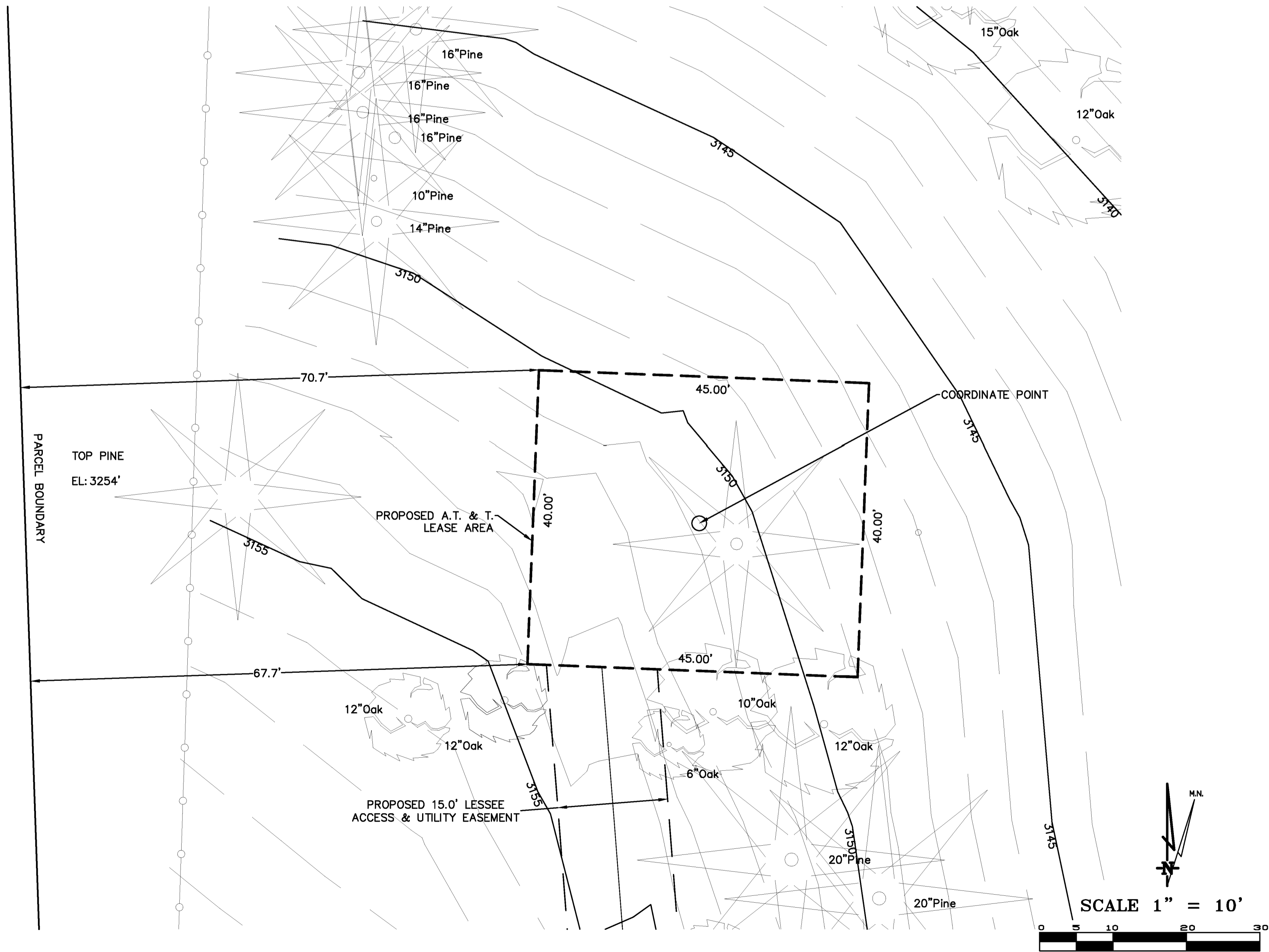
PLACERVILLE, CA

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.

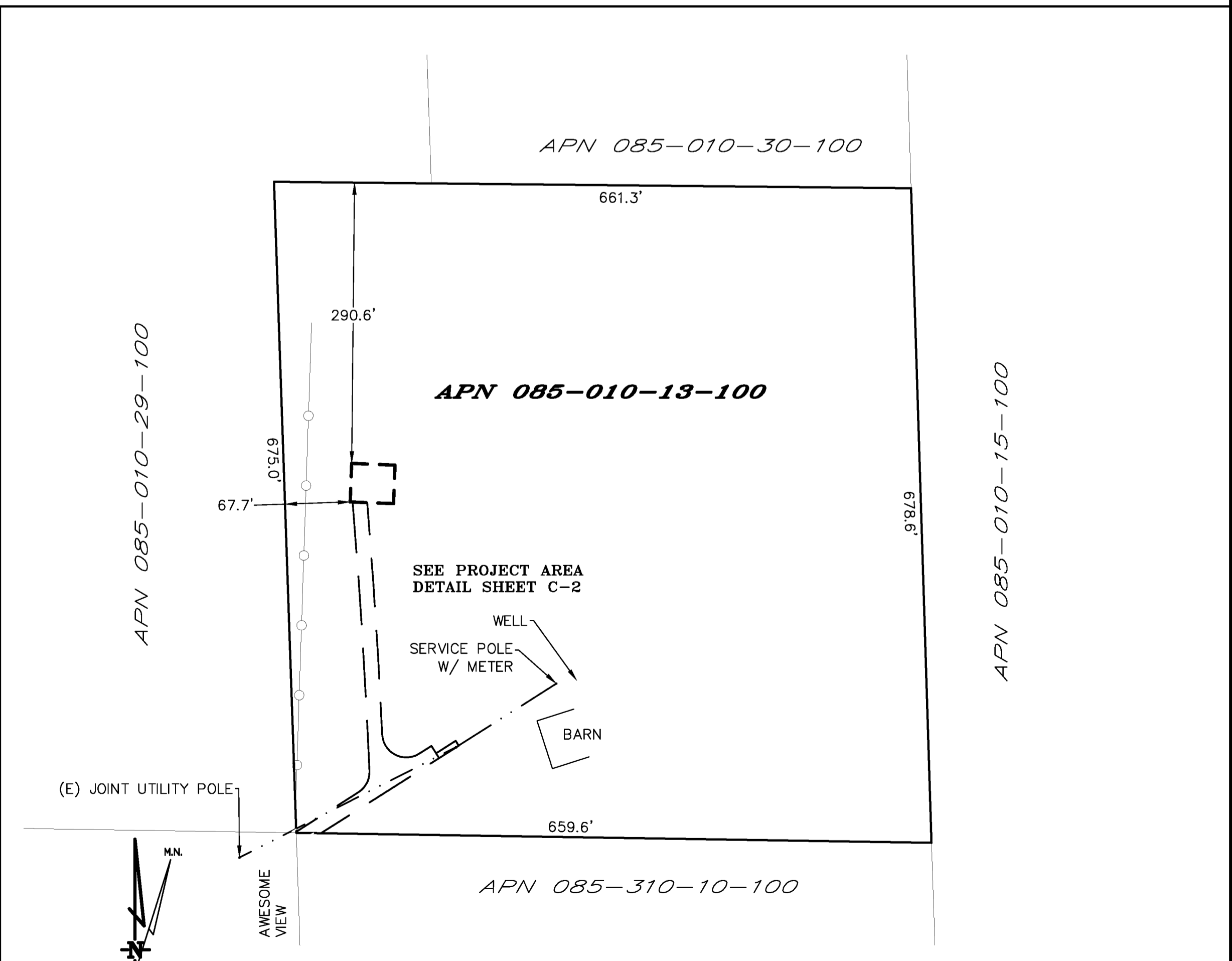
BOUNDARY SHOWN IS BASED ON MONUMENTATION FOUND AND RECORD INFORMATION. THIS IS NOT A BOUNDARY SURVEY. THIS IS A SPECIALIZED TOPOGRAPHIC MAP WITH PROPERTY LINES AND EASEMENTS BEING A GRAPHIC DEPICTION BASED ON INFORMATION GATHERED FROM VARIOUS SOURCES OF RECORD AND AVAILABLE MONUMENTATION FOUND DURING 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.

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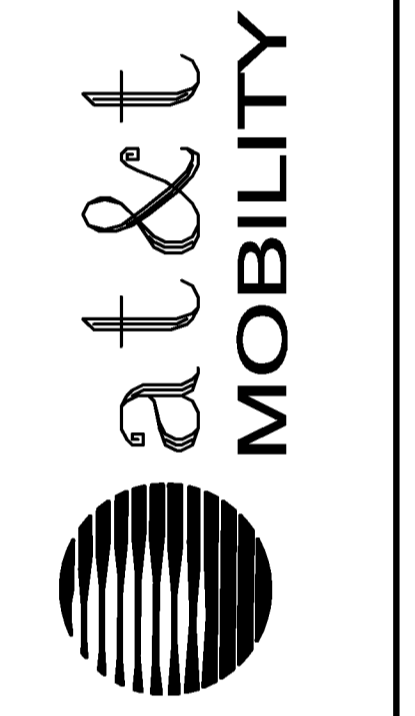
Surveyor
GEIL ENGINEERING
 ENGINEERING • SURVEYING • PLANNING
 1526 HIGLE STREET
 PLACERVILLE, CALIFORNIA 95667
 Phone: (530) 866-1000
 Fax: (530) 866-1006



LEASE AREA DETAIL



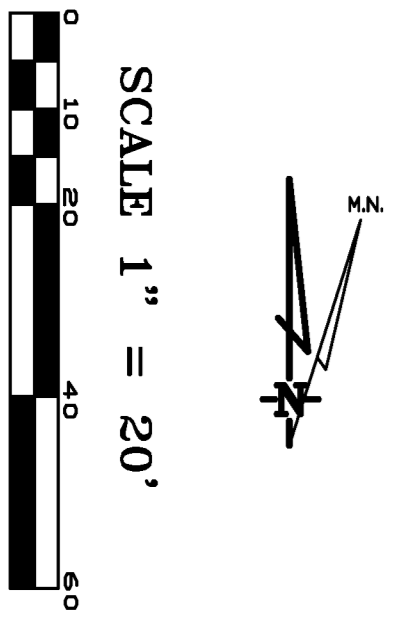
OVERALL PROJECT AREA



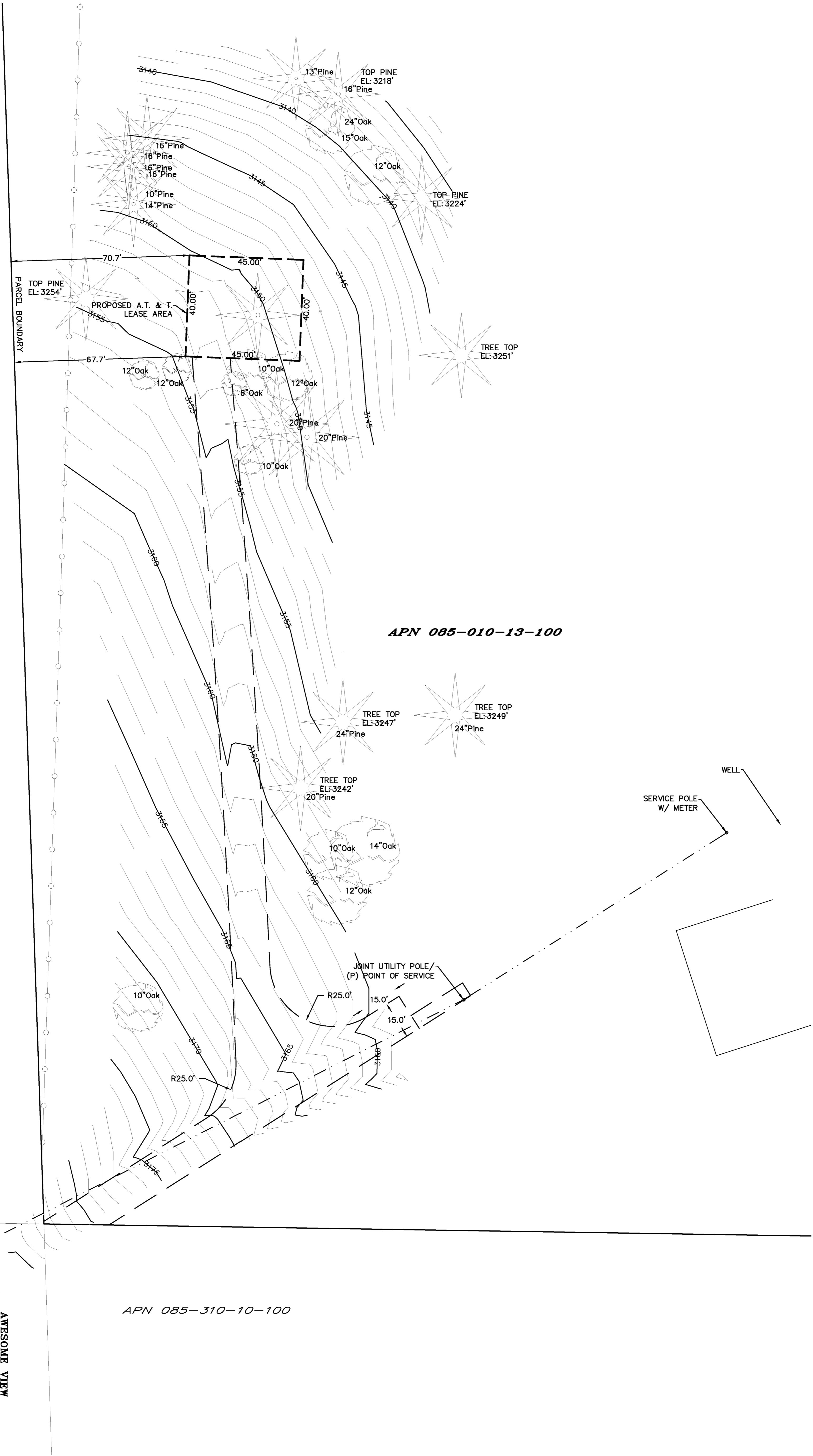
CVL03411 Soapweed
4700 Stope Drive
Placerville, CA 95667
PLOT PLAN AND
SITE TOPOGRAPHY

REV	DATE	DESCRIPTION
04	04-30-17	Preliminary Drawing
05	05-25-17	redline
06	06-08-17	redline

Sheet
C-1



SCALE 1" = 20'



APN 085-010-13-100

APN 085-010-29-100

APN 085-310-10-100

PROJECT AREA DETAIL

AWESOME VIEW

APN 085-310-09-100

C-2	REVISIONS		
	REV	04-30-17	Preliminary Drawing dg
	REV	05-25-17	redline dg
	REV	08-08-17	redline dg
	REV		

CVL03411 Soapweed
4700 Stope Drive
Placerville, CA 95667

PLOT PLAN AND
SITE TOPOGRAPHY



Surveyor

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1226 HIGH STREET
 AUBURN, CALIFORNIA 95603
 phone: (530) 885-0486
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DEPT	APPROVED	DATE
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GRADING STANDARDS

1. GENERAL. UNLESS OTHERWISE RECOMMENDED IN THE APPROVED SOILS ENGINEERING OR ENGINEERING GEOLOGY REPORT, GRADING ACTIVITIES SHALL CONFORM TO THE PROVISIONS OF THIS SECTION.

A. CUT SLOPE. THE SLOPE OF CUT SURFACES SHALL BE NO STEEPER THAN IS SAFE FOR THE INTENDED USE AND SHALL BE NO STEEPER THAN 1 UNIT VERTICAL IN 2 UNITS HORIZONTAL (50% SLOPE) UNLESS THE PERMITTEE FURNISHES A SOILS ENGINEERING OR AN ENGINEERING GEOLOGY REPORT, OR BOTH, STATING THAT THE SITE HAS BEEN INVESTIGATED AND GIVING AN OPINION THAT A CUT AT A STEEPER SLOPE WILL BE STABLE AND NOT CREATE A HAZARD TO PROPERTY OR THE ENVIRONMENT.

B. FILL SLOPE AND PREPARATION

(1) PREPARATION OF GROUND. THE GROUND SURFACE SHALL BE PREPARED TO RECEIVE FILL BY REMOVING VEGETATION, NON-COMPLYING FILL, TOPSOIL AND OTHER UNSUITABLE MATERIALS SCARIFYING TO PROVIDE A BOND WITH THE NEW FILL.

(2) FILL MATERIAL. AMOUNT OF ORGANIC MATERIAL DETRIMENTAL TO STRUCTURAL INTEGRITY SHALL NOT BE PERMITTED IN FILLS. EXCEPT AS PERMITTED BY THE BUILDING OFFICIAL, NO ROCK OR SIMILAR IRREDUCIBLE MATERIAL WITH A MAXIMUM DIMENSION GREATER THAN 12 INCHES (0.31 M) SHALL BE BURIED OR PLACED IN FILLS.

(3) EXCEPTION. THE BUILDING OFFICIAL MAY PERMIT PLACEMENT OF LARGER ROCK WHEN THE SOILS ENGINEER PROPERLY DEVISES A METHOD OF PLACEMENT, AND CONTINUOUSLY INSPECTS ITS PLACEMENT AND APPROVES THE FILL STABILITY. THE FOLLOWING CONDITIONS SHALL ALSO APPLY:

(a) PRIOR TO ISSUANCE OF THE GRADING PERMIT, POTENTIAL ROCK DISPOSAL AREAS SHALL BE SHOWN ON THE GRADING PLAN.

(b) ROCK SIZES GREATER THAN 12 INCHES (0.31 M) IN MAXIMUM DIMENSION SHALL BE 10 FEET (3.05 M) OR MORE BELOW GRADE, MEASURED VERTICALLY.

(c) ROCKS SHALL BE PLACED SO AS TO ASSURE FILLING OF ALL VOIDS WITH WELL-GRADED SOIL.

(4) COMPACTION. ALL FILLS SHALL BE COMPACTED TO A MINIMUM OF 90 PERCENT OF MAXIMUM DRY DENSITY WITH SUFFICIENT TESTING FOR DOCUMENTATION OF COMPLIANCE WITH THIS STANDARD.

(5) SLOPE. THE SLOPE OF FILL SURFACES SHALL BE NO STEEPER THAN IS SAFE FOR THE INTENDED USE. FILL SLOPES SHALL BE NO STEEPER THAN 1 UNIT VERTICAL IN 2 UNITS HORIZONTAL (50% SLOPE).

2. SETBACKS

a. GENERAL. CUT AND FILL SLOPES SHALL BE SET BACK FROM SITE BOUNDARIES IN ACCORDANCE WITH THIS SECTION. SETBACK DIMENSIONS SHALL BE HORIZONTAL DISTANCES MEASURED PERPENDICULAR TO THE SITE BOUNDARY.

b. ACCORDANCE WITH THIS SECTION. SETBACK DIMENSIONS SHALL BE HORIZONTAL DISTANCES MEASURED PERPENDICULAR TO THE SITE BOUNDARY.

c. TOP OF CUT SLOPE. THE TOP OF CUT SLOPES SHALL NOT BE MADE NEARER TO A SITE BOUNDARY LINE THAN A MINIMUM OF 2 FEET. THE SETBACK MAY NEED TO BE INCREASED FOR ANY REQUIRED INTERCEPTOR DRAINS.

d. TOE OF FILL SLOPE. THE TOE OF FILL SLOPE SHALL BE MADE NOT NEARER TO THE SITE BOUNDARY LINE THAN MINIMUM OF 2 FEET. WHERE A FILL SLOPE IS TO BE LOCATED NEAR THE SITE BOUNDARY AND THE ADJACENT OFFSITE PROPERTY IS DEVELOPED, SPECIAL PRECAUTIONS SHALL BE INCORPORATED IN THE WORK AS THE BUILDING OFFICIAL DEEMS NECESSARY TO PROTECT THE ADJOINING PROPERTY FROM DAMAGE AS A RESULT OF SUCH GRADING. THESE PRECAUTIONS MAY INCLUDE BUT ARE NOT LIMITED TO:

(1) ADDITIONAL SETBACKS.

(2) PROVISION FOR RETAINING, OR SLOUGH WALLS.

(3) MECHANICAL OR CHEMICAL TREATMENT OF THE FILL SLOPE SURFACE TO MINIMIZE EROSION.

(4) PROVISIONS FOR THE CONTROL OF SURFACE WATERS.

e. MODIFICATION OF SETBACKS. THE BUILDING OFFICIAL MAY APPROVE ALTERNATE SETBACKS. THE BUILDING OFFICIAL MAY REQUIRE AN INVESTIGATION AND RECOMMENDATION BY A QUALIFIED ENGINEER OR ENGINEERING GEOLOGIST TO DEMONSTRATE THAT THE INTENT OF THIS SECTION HAS BEEN SATISFIED.

3. MAINTENANCE REQUIRED. THE PROPERTY OWNER SHALL BE RESPONSIBLE FOR ADEQUATELY MAINTAINING ALL DRAINAGE FACILITIES INSTALLED PURSUANT TO THIS SECTION.

4. GRADING INSPECTION

A. GENERAL. GRADING OPERATIONS FOR WHICH A PERMIT IS REQUIRED SHALL BE SUBJECT TO INSPECTION BY THE BUILDING OFFICIAL.

B. PERMITTEE. THE PERMITTEE SHALL BE RESPONSIBLE FOR THE WORK TO BE PERFORMED IN ACCORDANCE WITH THE APPROVED PLANS AND SPECIFICATIONS AND IN CONFORMANCE WITH THE PROVISIONS OF THIS CODE, AND THE PERMITTEE SHALL ENGAGE CONSULTANTS, IF REQUIRED, TO PROVIDE PROFESSIONAL INSPECTIONS ON A TIMELY BASIS. THE PERMITTEE SHALL ACT AS A COORDINATOR BETWEEN THE CONSULTANTS, THE CONTRACTOR AND THE BUILDING OFFICIAL. IN THE EVENT OF CHANGED CONDITIONS, THE PERMITTEE SHALL BE RESPONSIBLE FOR INFORMING THE BUILDING OFFICIAL OF SUCH CHANGE AND SHALL PROVIDE REVISED PLANS FOR APPROVAL.

C. BUILDING OFFICIAL. THE BUILDING OFFICIAL SHALL INSPECT THE PROJECT AT THE VARIOUS STAGES OF WORK REQUIRING APPROVAL TO DETERMINE THAT ADEQUATE CONTROL IS BEING EXERCISED BY THE PROFESSIONAL CONSULTANTS.

D. NOTIFICATION OF NONCOMPLIANCE. IF, IN THE COURSE OF FULFILLING THEIR RESPECTIVE DUTIES UNDER THIS CHAPTER, THE CIVIL ENGINEER, THE SOILS ENGINEER OR THE ENGINEERING GEOLOGIST FINDS THAT THE WORK IS NOT BEING DONE IN CONFORMANCE WITH THIS CHAPTER OR THE APPROVED GRADING PLANS, THE DISCREPANCIES SHALL BE REPORTED IMMEDIATELY IN WRITING TO THE PERMITTEE AND TO THE BUILDING OFFICIAL.

E. TRANSFER OF RESPONSIBILITY. IF THE CIVIL ENGINEER, THE SOILS ENGINEER, OR THE ENGINEERING GEOLOGIST OF RECORD IS CHANGED DURING GRADING, THE WORK SHALL BE STOPPED UNTIL THE REPLACEMENT HAS AGREED IN WRITING TO ACCEPT THEIR RESPONSIBILITY WITHIN THE AREA OF TECHNICAL COMPETENCE FOR APPROVAL UPON COMPLETION OF THE WORK. IT SHALL BE THE DUTY OF THE PERMITTEE TO NOTIFY THE BUILDING OFFICIAL IN WRITING OF SUCH CHANGE PRIOR TO THE RE-COMMENCEMENT OF SUCH GRADING.

5. EROSION AND SEDIMENTATION CONTROL

A. ADMINISTRATION

(1) THE EROSION AND SEDIMENT CONTROL PROVISIONS OF THIS SECTION SHALL BE APPLICABLE TO ALL FACILITIES AND ACTIVITIES UNDER THE SUPERVISION OF THE DIRECTOR OF THE DEPARTMENT OF PUBLIC WORKS.

(2) THE ADMINISTRATION OF THIS SECTION, AS IT AFFECTS COUNTY FACILITIES AND ACTIVITIES, IS THE RESPONSIBILITY OF THE DIRECTOR OF THE DEPARTMENT OF PUBLIC WORKS.

(3) THE ADMINISTRATION OF THIS SECTION AS IT AFFECTS OTHER BUILDING, GRADING, AND RELATED ACTIVITIES IS THE RESPONSIBILITY OF THE CHIEF BUILDING OFFICIAL.

(4) ANY SOILS OR GEOLOGIC REPORTS PREPARED FOR ANY PROJECT WHERE A GRADING PERMIT IS SUBMITTED AS A PART OF A TENTATIVE SUBDIVISION MAP APPLICATION, OR RELATED ENVIRONMENTAL DOCUMENT, SHALL BE PLACED IN THE RECORDS OF THE CHIEF BUILDING OFFICIAL.

B. EROSION AND SEDIMENTATION CONTROL. THESE MINIMUM EROSION AND SEDIMENTATION CONTROL STANDARDS SHALL APPLY TO ALL PROJECTS REQUIRING BUILDING, GRADING, AND DEVELOPMENT PERMITS, AND COUNTY OF MENDOCINO PUBLIC WORKS ACTIVITIES, TO PREVENT SEDIMENTATION OR DAMAGE TO ONSITE AND OFFSITE PROPERTY. THESE STANDARDS SHALL BE INCORPORATED INTO THE PROJECT DESIGN AND SHALL BE ADHERED TO DURING PROJECT CONSTRUCTION:

(1) GENERAL GUIDELINES

(a) MINIMIZE SOIL EXPOSURE DURING THE RAINY SEASON BY PROPER TIMING OF GRADING AND CONSTRUCTION.

(b) RETAIN TREES AND NATURAL VEGETATION TO STABILIZE HILLSIDES, RETAIN MOISTURE, REDUCE EROSION, MINIMIZE SILTATION AND NUTRIENT RUNOFF AND PRESERVE SCENIC QUALITIES.

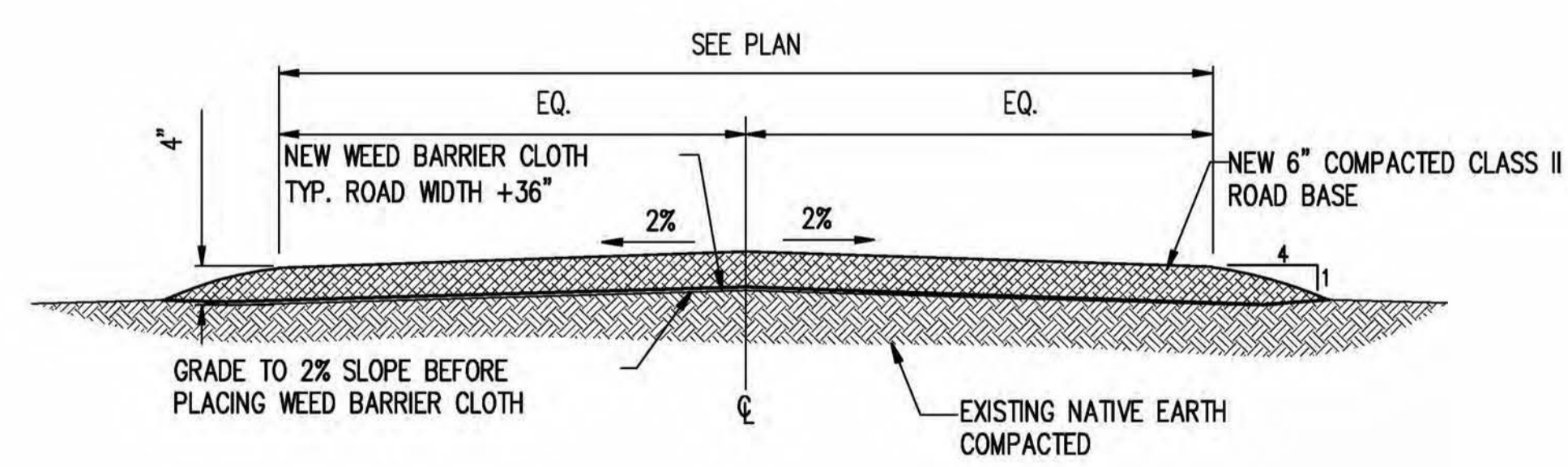
(c) VEGETATE AND MULCH DENUED AREAS TO PROTECT THEM FROM WINTER RAINS.

(d) DIVERT RUNOFF AWAY FROM STEEP, DENUED SLOPES OR OTHER CRITICAL AREAS WITH BARRIERS, BERMS, DITCHES OR OTHER FACILITIES.

(e) LIMIT CONSTRUCTION, CLEARING OF VEGETATION AND DISTURBANCE OF THE SOIL TO AREAS OF PROVEN STABILITY. MITIGATE GEOLOGIC HAZARDS AND ADVERSE SOIL CONDITIONS WHEN THEY ARE ENCOUNTERED.

(f) REDUCE SEDIMENT TRANSPORT OFF THE SITE TO THE MAXIMUM EXTENT FEASIBLE THROUGH THE USE OF BEST MANAGEMENT PRACTICES (BMPs).


- (g) PROPOSE A NEW OR MODIFIED EROSION AND SEDIMENT CONTROL TECHNIQUE IF THE TECHNIQUE IS PREFERRED AND MEETS THE INTENT OF THESE REGULATIONS. OBTAIN APPROVAL FROM THE COUNTY PRIOR TO IMPLEMENTATION.
- (h) CONDUCT FREQUENT SITE INSPECTIONS TO ENSURE THAT CONTROL MEASURES ARE WORKING PROPERLY AND TO CORRECT PROBLEMS AS NEEDED.
- (i) EMPLOY OTHER MEANS OF EROSION AND SEDIMENT CONTROL AS REQUIRED BY THE CHIEF BUILDING OFFICIAL OR DIRECTOR OF THE DEPARTMENT OF PUBLIC WORKS AS APPLICABLE.
- (2) **SEDIMENT CONTROL**
- (a) USE SEDIMENT BASINS, SILT TRAPS, OR SIMILAR MEASURE TO RETAIN SEDIMENT TRANSPORTED BY RUNOFF WATER ONSITE.
- (b) COLLECT AND DIRECT SURFACE RUNOFF AT NON-EROSIVE VELOCITIES TO THE COMMON NATURAL WATERCOURSE OF THE DRAINAGE AREA.
- (c) AVOID CONCENTRATING SURFACE WATER ANYWHERE EXCEPT SWALES OR WATERCOURSES.
- (d) PREVENT MUD FROM BEING TRACKED ONTO THE PUBLIC ROADWAY BY TRAVELING OVER A TEMPORARY GRAVEL CONSTRUCTION ENTRANCE OR WASHING OFF VEHICLE TIRES BEFORE ENTERING A PUBLIC OR PRIVATE DRIVEWAY.
- (3) **SLOPE CONSTRUCTION**
- (a) MINIMIZE LENGTH AND STEEPNESS OF SLOPES BY BENCHING, TERRACING OR CONSTRUCTING DIVERSION STRUCTURES.
- (b) PRESERVE, MATCH, OR BLEND CUTS AND FILLS WITH THE NATURAL CONTOURS AND UNDULATIONS OF THE LAND.
- (c) ROUND SHARP ANGLES AT THE TOP AND SIDES OF CUT AND FILL SLOPES.
- (d) MAINTAIN CUT AND FILL SLOPES AT LESS THAN TWO-TO-ONE (2:1, RUN:RISE) SLOPE UNLESS A GEOLOGICAL AND ENGINEERING ANALYSIS INDICATES THAT STEEPER SLOPES ARE SAFE AND EROSION AND SEDIMENT CONTROL MEASURES CAN SUCCESSFULLY PREVENT EROSION.
- (4) **PROTECTION OF WATERCOURSES AND DRAINAGE INLETS**
- (a) PREPARE DRAINAGEWAYS TO HANDLE CONCENTRATED OR INCREASED RUNOFF FROM DISTURBED AREAS BY USING APPROPRIATE LINING MATERIALS OR ENERGY ABSORBING DEVICES TO REDUCE THE VELOCITY OF RUNOFF WATER.
- (b) TRAP SEDIMENT-LADEN RUNOFF IN BASINS TO ALLOW SOIL PARTICLES TO SETTLE OUT BEFORE FLOWS ARE RELEASED TO RECEIVING WATERS, STORM DRAINS, STREETS OR ADJACENT PROPERTY. THIS STANDARD IS NOT MANDATORY FOR GRADING THE SITE IS FULLY WINTERIZED AND STABILIZED PRIOR TO AND WHEN CONDUCTED BETWEEN APRIL 15 AND OCTOBER 15. REMOVE TRAPPED SEDIMENT TO A SUITABLE LOCATION ON-SITE OR AT A DISPOSAL SITE APPROVED BY THE COUNTY.
- (c) DO NOT GRADE OR DRIVE EQUIPMENT IN A STREAMSIDE MANAGEMENT OR OTHER WET AREAS EXCEPT AS ALLOWED THROUGH THE COUNTY STREAMSIDE MANAGEMENT AREA ORDINANCE.
- (d) DEPOSIT OR STORE EXCAVATED MATERIALS AWAY FROM WATERCOURSES.
- (e) PROTECT ALL EXISTING OR NEWLY INSTALLED STORM DRAINAGE STRUCTURES FROM SEDIMENT CLOGGING.
- (f) USE STRAW BALES, FILTER FABRIC WRAPS AND DRAINAGE INLET PROTECTIONS IN A MANNER THAT DOES NOT CAUSE ADDITIONAL EROSION OR FLOODING OF A ROADWAY.
- (5) **DISPOSAL OF EXCAVATED MATERIALS**
- (a) STOCKPILE TOPSOIL ON THE SITE FOR USE ON AREAS TO BE REVEGETATED.
- (b) PLACE STOCKPILED SOIL IN LOCATIONS, SO THAT IF EROSION OCCURS, IT WILL NOT CONTRIBUTE TO OFFSITE SEDIMENT DISCHARGE.
- (c) PROTECT STOCKPILED SOIL PROMPTLY THROUGH THE USE OF APPROPRIATE BMPs TO REDUCE THE RISK OF EROSION AND SEDIMENT TRANSPORT. APPLY MULCH OR OTHER PROTECTIVE COVERINGS ON STOCKPILED MATERIAL THAT WILL BE EXPOSED THROUGH THE WINTER SEASON.
- (d) DISPOSE OF EXCAVATED MATERIAL NOT USED AT THE SITE AT A LOCATION APPROVED BY THE COUNTY.
- (6) **DUST CONTROL**
- (a) ALL CONSTRUCTION AREAS, INCLUDING DISPOSAL SITES, SHALL BE TREATED AND MAINTAINED AS NECESSARY TO MINIMIZE THE EMISSION OF DUST. MAINTENANCE SHALL BE CONDUCTED AS NECESSARY TO PREVENT A NUISANCE TO OFFSITE PROPERTIES.
- (b) ALL CONSTRUCTION SITES, INCLUDING DRIVEWAYS, SHALL BE MAINTAINED AS NECESSARY TO MINIMIZE THE EMISSION OF DUST AND PREVENT THE CREATION OF A NUISANCE TO ADJACENT PROPERTIES.
- (7) **REVEGETATION**
- (a) APPLY TEMPORARY SEEDING AND MULCHING TO DENUED AREAS PRIOR TO OCTOBER 15 UNLESS THE PROJECT IS CONDITIONED OTHERWISE.
- (b) ESTABLISH A PERMANENT VEGETATIVE COVER ON DENUED AREAS NOT OTHERWISE STABILIZED. PERMANENT VEGETATION GROUND COVER MUST CONTROL SOIL EROSION SATISFACTORILY AND SURVIVE SEVERE WEATHER CONDITIONS.
- (c) RETAIN A VEGETATIVE BARRIER WHENEVER POSSIBLE AROUND PROPERTY BOUNDARIES.
- (d) USE SELF-SUSTAINING, NON-INVASIVE PLANTS THAT REQUIRE LITTLE OR NO MAINTENANCE AND DO NOT CREATE AN EXTREME FIRE HAZARD.
- (e) USE NATIVE PLANT SPECIES WHENEVER FEASIBLE.



TYP. A/C ROAD SECTION SCALE: N.T.S. 1

PROPRIETARY INFORMATION
THE INFORMATION CONTAINED IN THIS SET OF DRAWINGS IS PROPRIETARY BY NATURE. ANY USE OR DISCLOSURE OTHER THAN THAT WHICH RELATES TO PEEK SITE-COM IS STRICTLY PROHIBITED

CLIENT: _____



2600 CAMINO RAMON
SAN RAMON, CA 94583

PROJECT INFORMATION:

SOAPWEED
4070 STOPE DR
PLACERVILLE, CA 95667


REV: = DATE: _____ DESCRIPTION: _____ BY: _____

1	6-14-17	90% ZONING DOC'S	RB
2	8-3-17	REV 90% ZONING DOC'S	RB
3	8-21-17	100% ZONING DOC'S	RB

COORDINATING ENGINEER: _____

Peek Site-Com
18252 Earhart Ave. Suite 101
Auburn, California 95602
Phone (530) 885-6160
E-Mail info@peeksitecom.com

SEAL: _____



SITE #: _____ CHK.: _____ DRAWN BY: _____
CVL03411 ... RB

SHEET TITLE: _____

GRADING NOTES & DETAILS

SHEET NUMBER: _____ REVISION: _____

C-4 0

PROPRIETARY INFORMATION
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CLIENT:



2600 CAMINO RAMON
 SAN RAMON, CA 94583

PROJECT INFORMATION:

SOAPWEED

4070 STOPE DR
 PLACERVILLE, CA 95667

REV: DATE: DESCRIPTION: BY:

REV:	DATE:	DESCRIPTION:	BY:
1	6-14-17	90% ZONING DOC'S	RB
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Peek Site-Com

12852 Earhart Ave. Suite 101
 Auburn, California 95602
 Phone (530) 885-6160
 E-Mail info@peeksitecom.com

SEAL:

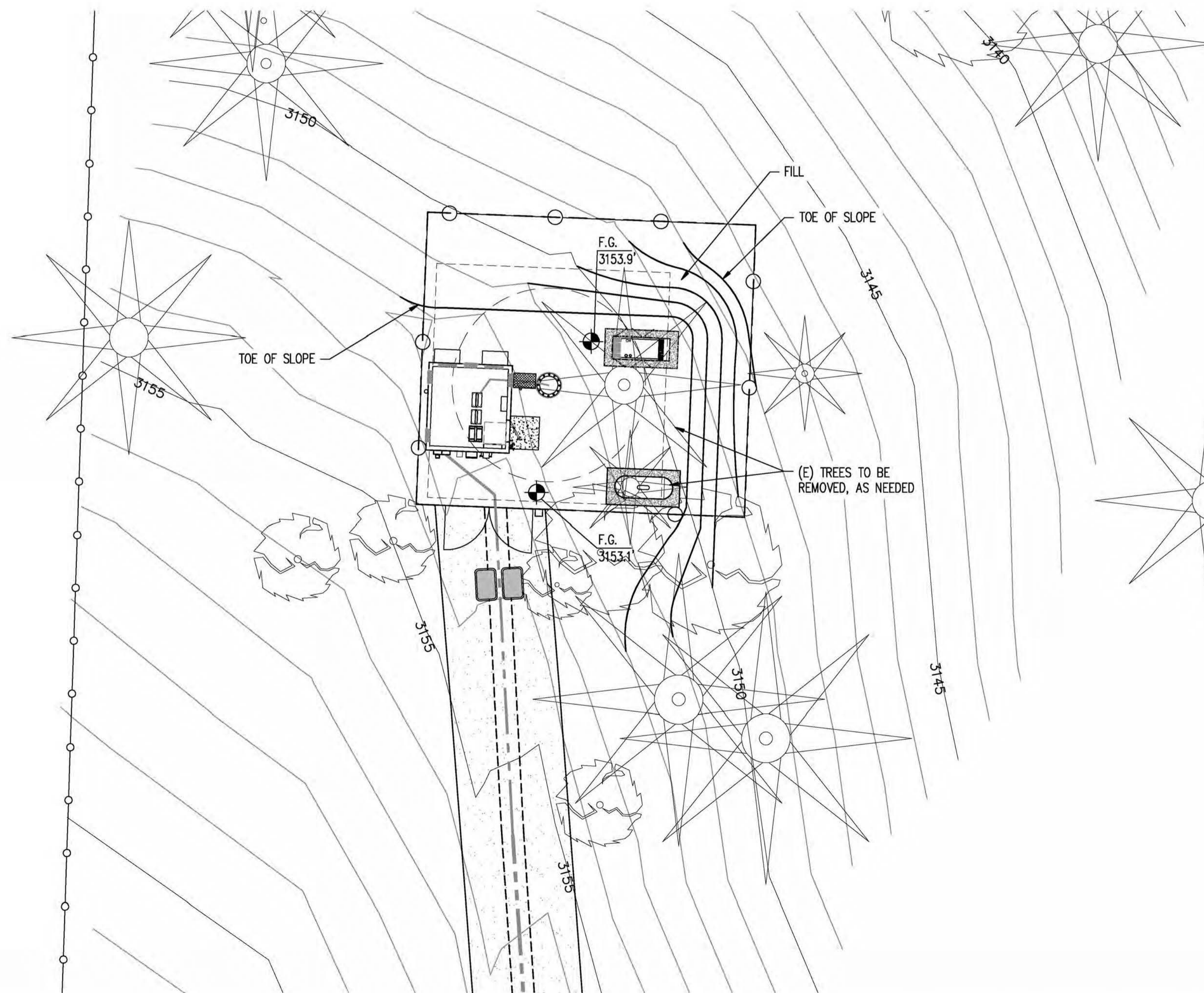


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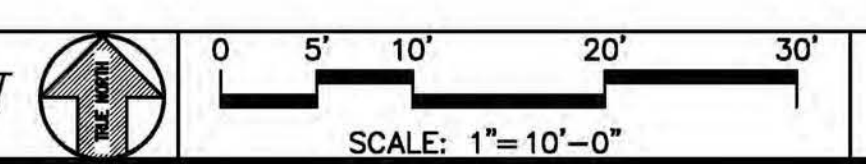
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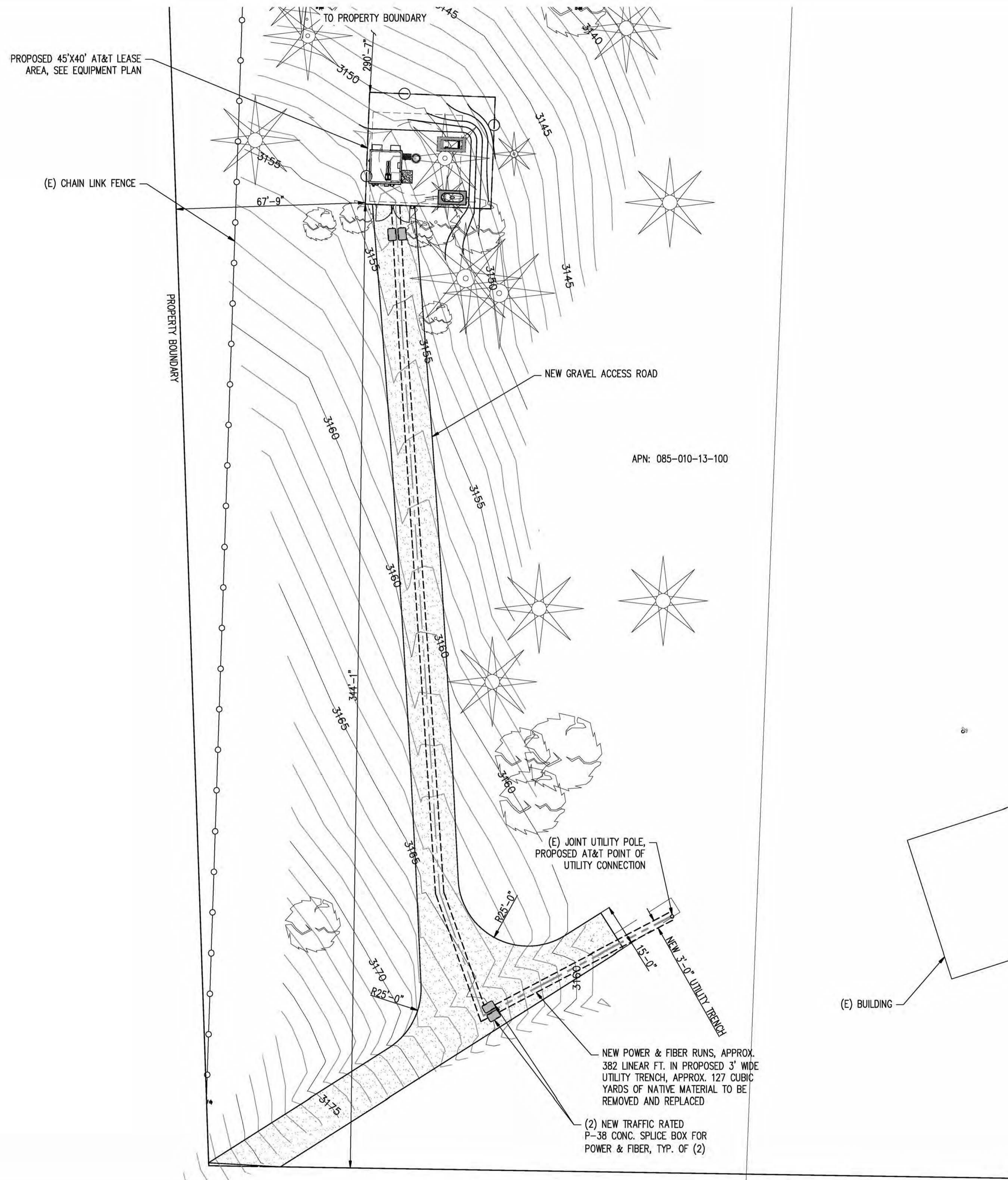
**PRELIMINARY
 GROUNDING PLAN**

SHEET NUMBER: C-5 REVISION: 0



PRELIMINARY GROUNDING PLAN





SITE PLAN

SCALE: 1"= 20'-0"

1

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2600 CAMINO RAMON
SAN RAMON, CA 94583

PROJECT INFORMATION:


SOAPWEED
4070 STOPE DR
PLACERVILLE, CA 95667

REV:	DATE:	DESCRIPTION:	BY:
1	6-14-17	90% ZONING DOC'S	RB
2	8-3-17	REV 90% ZONING DOC'S	RB
3	8-21-17	100% ZONING DOC'S	RB

COORDINATING ENGINEER:

Peek Site-Com
12852 Earhart Ave. Suite 101
Auburn, California 95602
Phone (530) 885-6160
E-Mail info@peeksitecom.com

SEAL:



SITE #:	CHK.:	DRAWN BY:
CVL03411	...	RB

SITE PLAN

SHEET NUMBER:	REVISION:
A-1	0

PROPRIETARY INFORMATION
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CLIENT:



2600 CAMINO RAMON
 SAN RAMON, CA 94583

PROJECT INFORMATION:

SOAPWEED

4070 STOPE DR
 PLACERVILLE, CA 95667

REV: = DATE: = DESCRIPTION: = BY: =

REV	DATE	DESCRIPTION	BY
1	6-14-17	90% ZONING DOC'S	RB
2	8-3-17	REV 90% ZONING DOC'S	RB
3	8-21-17	100% ZONING DOC'S	RB

COORDINATING ENGINEER:

Peek Site-Com

12852 Earhart Ave. Suite 101
 Auburn, California 95602
 Phone (530) 885-6160

E-Mail info@peeksitecom.com

SEAL:



SITE #: = CHK.: = DRAWN BY: =

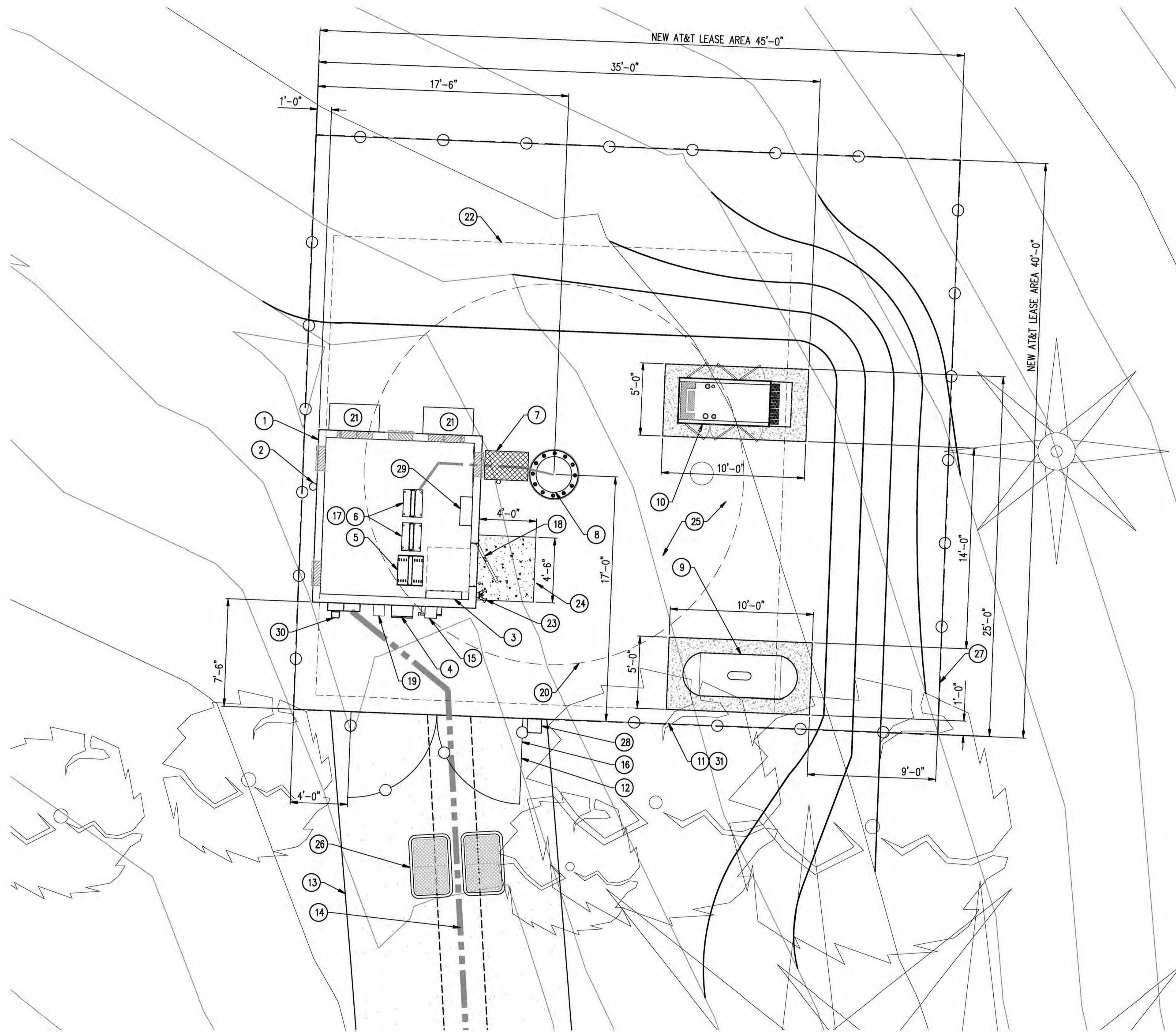
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EQUIPMENT PLAN

SHEET NUMBER: = REVISION: =

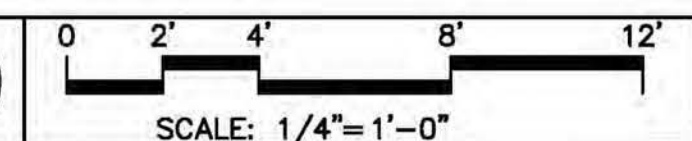
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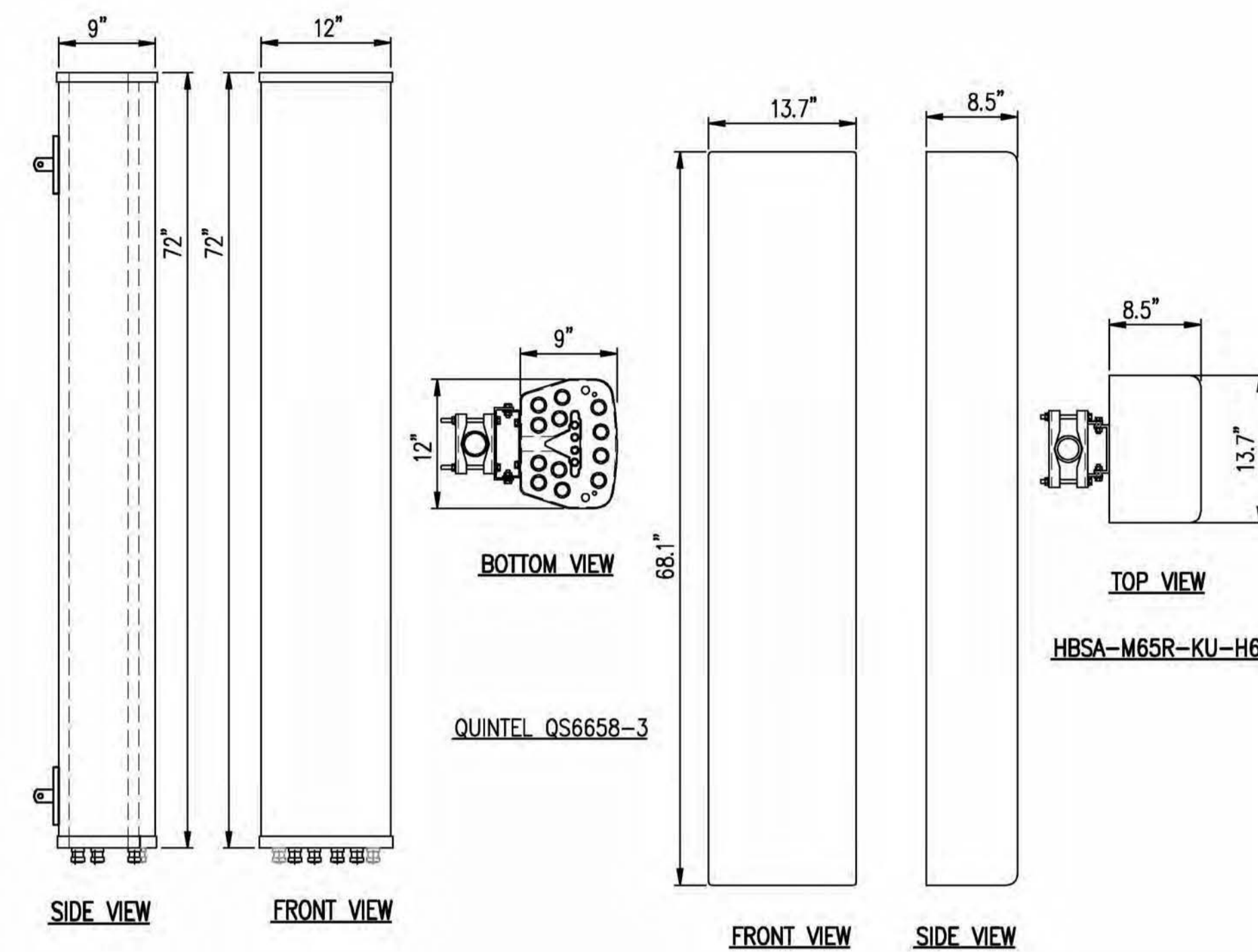


KEY NOTES

1. NEW PRE-FAB EQUIPMENT SHELTER
2. (1) NEW GPS ANTENNA
3. NEW 200A ELEC. PANEL
4. TELCO BOX
5. NEW D/C POWER PLANT
6. NEW 23" FIF RACK, TYP. OF (2)
7. NEW ICE BRIDGE
8. NEW MONOPINE
9. NEW 500 GAL LP PROPANE TANK ON NEW CONC. SLAB
10. NEW 35 KW BACK-UP GENERATOR ON NEW CONC. SLAB
11. NEW 6'-0" CHAIN LINK FENCE W/ VINYL SLATS
12. NEW 12' WIDE DOUBLE ACCESS GATE
13. NEW GRAVEL ACCESS ROAD
14. NEW U/G POWER AND TELCO CONDUITS
15. NEW CAMLOCK GENERATOR INTERFACE
16. NEW CARRIER CONTACT SIGNAGE AT GATE
17. NEW CIENA WITHIN FIF RACK
18. NEW ACCESS DOOR
19. NEW 2A:20BC RATED FIRE EXTINGUISHER IN WEATHER RESISTANT CABINET
20. 24" MAX BRANCH DIAMETER AT BASE OF POLE
21. NEW HVAC, PROVIDED WITH SHELTER
22. OUTLINE OF NEW TOWER MAT FOUNDATION 32'X32', VERIFY WITH ENGINEERING
23. NEW OUTDOOR LIGHTS PROVIDED WITH SHELTER, W/ TIMER AND MOTION SENSOR
24. NEW CONC. STOOP
25. NEW MIN. 2" CLEAN CRUSHED ROCK OVER 4" CLASS II ROAD BASE OVER WEED BARRIER FABRIC
26. NEW P48 PULL BOXES FOR TELCO AND POWER
27. NEW AT&T 40'X45' LEASE AREA
28. NEW FIRE DEPT. KNOX BOX
29. NEW AUTOMATIC TRANSFER SWITCH
30. NEW 200A METER MAIN
31. NEW SOUND BLANKET BBC-13X, 1.2 LBS. PSF MIN. OR EQUAL SOUND BLANKET AT INTERIOR SIDE OF FENCE

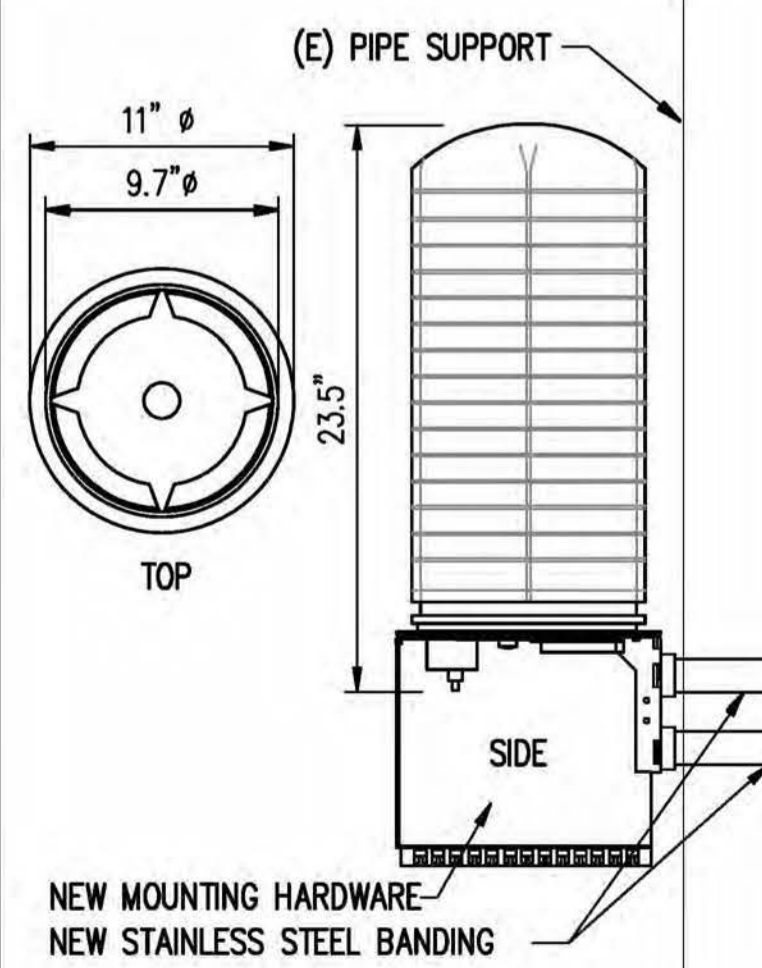
EQUIPMENT PLAN





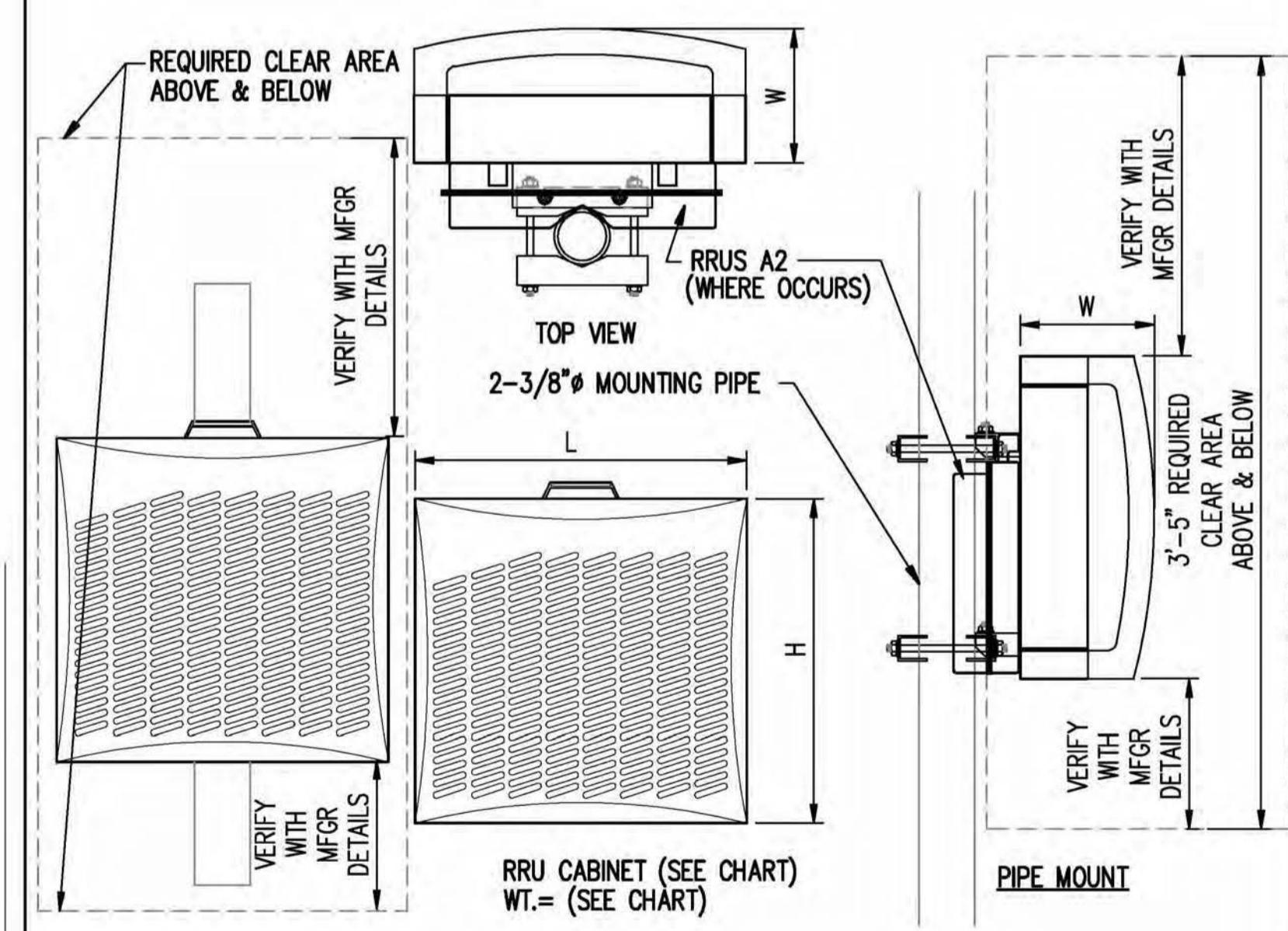
ANTENNA DETAIL

SCALE: N.T.S. 3



SQUID DETAIL

SCALE: N.T.S. 5



TYPE	LENGTH	HEIGHT	WIDTH	WEIGHT
RRU-11	17.8"	17.3"	7.19"	50 LBS
RRUS-E2	20.4"	18.5"	7.5"	50 LBS
RRUS-32	29.9"	13.3"	9.5"	60 LBS
RRU-12	20.4"	18.5"	7.5"	50 LBS
A2	12.8"	15"	3.5"	21 LBS

NOTE: SEE RF SHEET FOR RRU PLACEMENT

RRU DETAIL

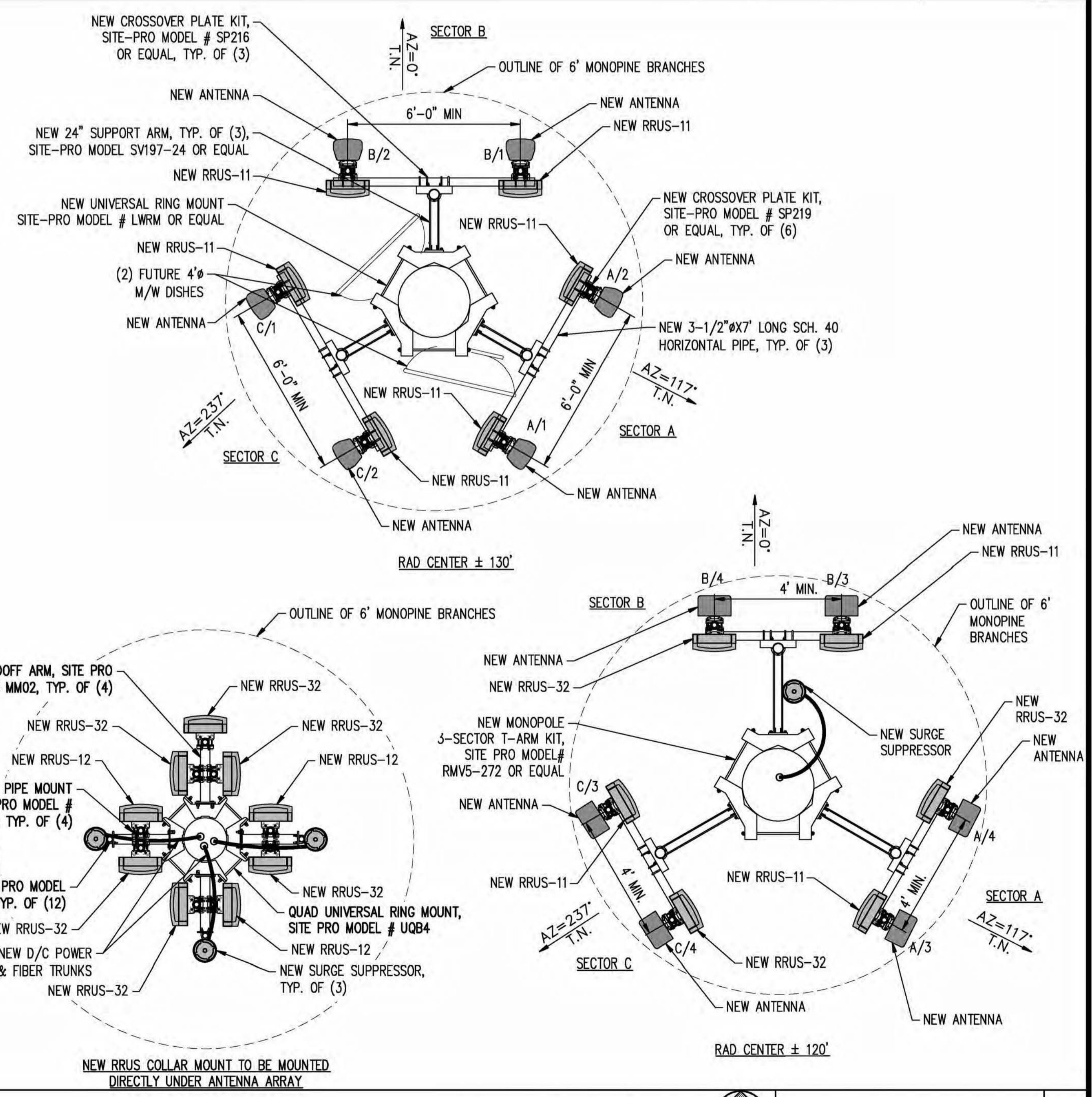
SCALE: N.T.S. 4

RF SCHEDULE

SECTOR/POS.	ANTENNA MODEL	RAD CENTER	PHYSICAL AZIMUTH	RRU	TMA	FIBER LENGTH	COAX LENGTH	COAX DIA.	NO.
A/1	QS6656-3	± 130'	117°	(1) RRU-11 & (1) RRU-32 B2	N/A	± 190'	± N/A	N/A	-
A/2	QS6656-3	± 130'	117°	(1) RRU-11, (1) RRU-11 & (1) RRU-32 B66	N/A	± 190'	± N/A	N/A	-
A/3	HBSAM65R-KU-H6-K	± 120'	117°	(1) RRU-32 B30	N/A	± 182'	± N/A	N/A	-
A/4	HBSAM65R-KU-H6-K	± 120'	117°	(1) RRU-32 B30	N/A	± 182'	± N/A	N/A	-
B/1	QS6656-3	± 130'	0°	(1) RRU-11 & (1) RRU-32 B2	N/A	± 190'	± N/A	N/A	-
B/2	QS6656-3	± 130'	0°	(1) RRU-11, (1) RRU-11 & (1) RRU-32 B66	N/A	± 190'	± N/A	N/A	-
B/3	HBSAM65R-KU-H6-K	± 120'	0°	(1) RRU-32 B30	N/A	± 182'	± N/A	N/A	-
B/4	HBSAM65R-KU-H6-K	± 120'	0°	(1) RRU-32 B30	N/A	± 182'	± N/A	N/A	-
C/1	QS6656-3	± 130'	237°	(1) RRU-11 & (1) RRU-32 B2	N/A	± 190'	± N/A	N/A	-
C/2	QS6656-3	± 130'	237°	(1) RRU-11, (1) RRU-11 & (1) RRU-32 B66	N/A	± 190'	± N/A	N/A	-
C/3	HBSAM65R-KU-H6-K	± 120'	237°	(1) RRU-32 B30	N/A	± 182'	± N/A	N/A	-
C/4	HBSAM65R-KU-H6-K	± 120'	237°	(1) RRU-32 B30	N/A	± 182'	± N/A	N/A	-

RF SCHEDULE

SCALE: N.T.S. 1



ANTENNA PLAN

SCALE: 3/8"=1'-0" 2

PROPRIETARY INFORMATION
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PROJECT INFORMATION:

SOAPWEED
4070 STOPE DR
PLACERVILLE, CA 95667

REV: DATE: DESCRIPTION: BY:

1	6-14-17	90% ZONING DOC'S	RB
2	8-3-17	REV 90% ZONING DOC'S	RB
3	8-21-17	100% ZONING DOC'S	RB

COORDINATING ENGINEER:

Peek Site-Com
12852 Earhart Ave. Suite 101
Auburn, California 95602
Phone (530) 885-6160
E-Mail info@peeksitecom.com



SITE #: CVL03411 CHK: ... DRAWN BY: RB

ANTENNA PLAN & DETAILS

SHEET NUMBER: A-3 REVISION: 0

- TOP OF MONOPINE BRANCHES @ ±140' AGL
- OVERALL HEIGHT OF MONOPINE & TOP OF AT&T ANTENNAS @ ±133' AGL
- AT&T RAD CENTER @ ±130' AGL

- AT&T RAD CENTER @ ±120' AGL
- BOTTOM OF AT&T ANTENNAS @ ±117' AGL

NEW AT&T ANTENNA, TYP. OF (4) PER SECTOR FOR A TOTAL OF (12)

NEW RRU, TYP. OF (21), MOUNTED ON RRU COLLAR MOUNT BELOW ANTENNAS

NEW SURGE SUPPRESSOR, TYP. OF (3) (2) FUTURE 4' M/W DISHES

FUTURE ANTENNAS BY OTHER CARRIERS

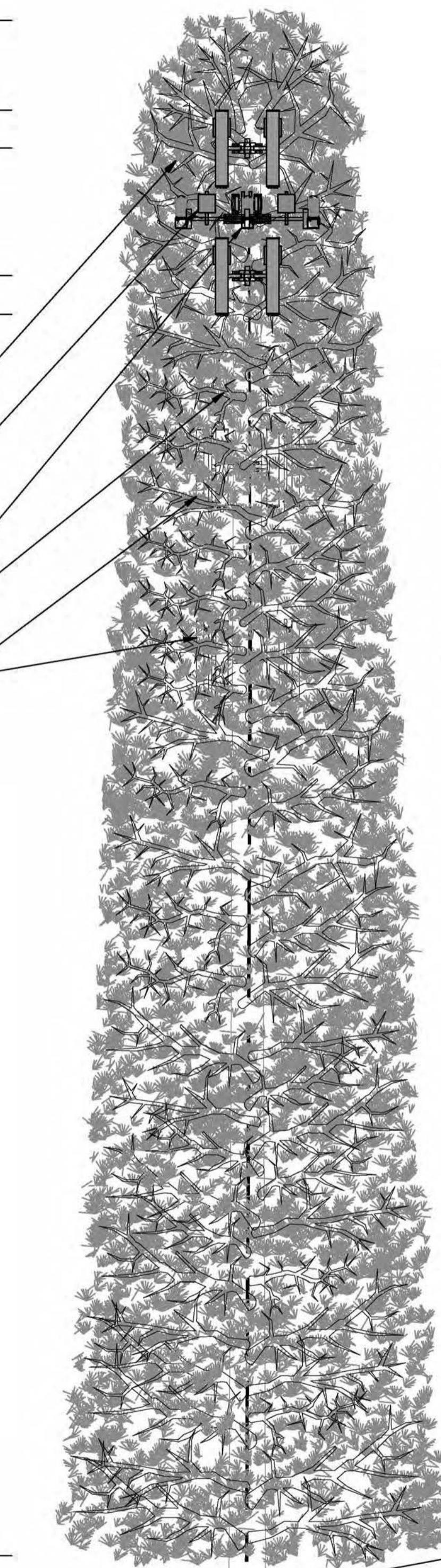
RAD CENTER OF FUTURE MICROWAVE DISH @ ±112'-6" AGL

RAD CENTER OF FUTURE ANTENNAS BY OTHER CARRIER @ ±105' AGL

RAD CENTER OF FUTURE ANTENNAS BY OTHER CARRIER @ ±90' AGL

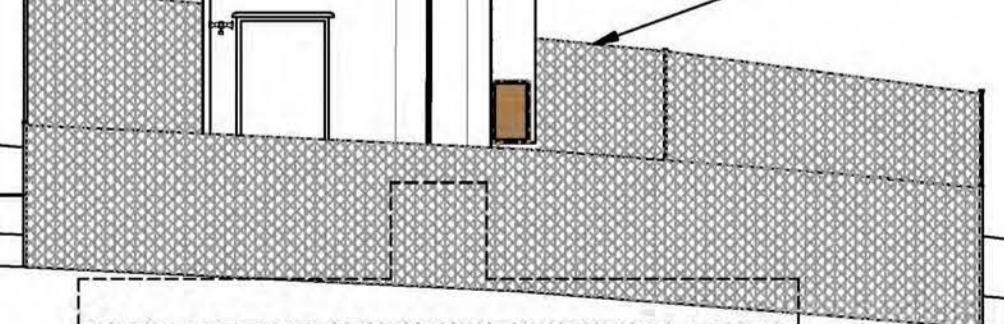
- START OF MONOPINE BRANCHES @ ±20' AGL

- FINISH GRADE @ 0' AGL



- NEW MONOPINE
- NEW D/C & FIBER TRUNK
- NEW GPS ANTENNA
- NEW PRE-FAB SHELTER
- NEW 6' CHAIN LINK FENCE

NEW GRADE (E) GRADE



EAST ELEVATION

SCALE: 1/8"=1'-0" 2

- TOP OF MONOPINE BRANCHES @ ±140' AGL
- OVERALL HEIGHT OF MONOPINE & TOP OF AT&T ANTENNAS @ ±133' AGL
- AT&T RAD CENTER @ ±130' AGL

- AT&T RAD CENTER @ ±120' AGL
- BOTTOM OF AT&T ANTENNAS @ ±117' AGL

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FUTURE ANTENNAS BY OTHER CARRIERS

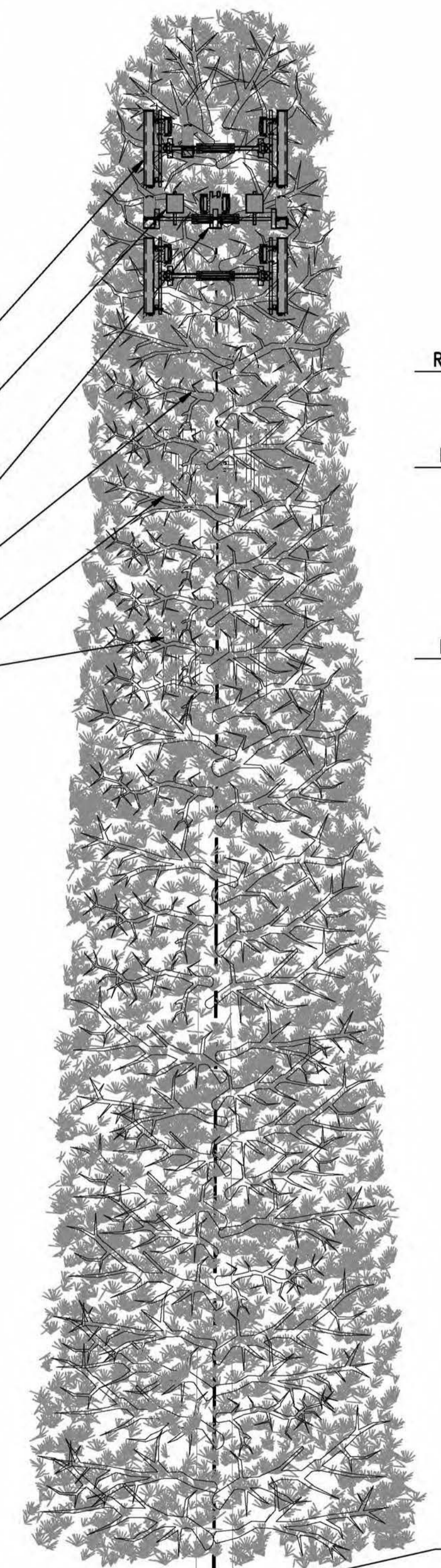
RAD CENTER OF FUTURE MICROWAVE DISH @ ±112'-6" AGL

RAD CENTER OF FUTURE ANTENNAS BY OTHER CARRIER @ ±105' AGL

RAD CENTER OF FUTURE ANTENNAS BY OTHER CARRIER @ ±90' AGL

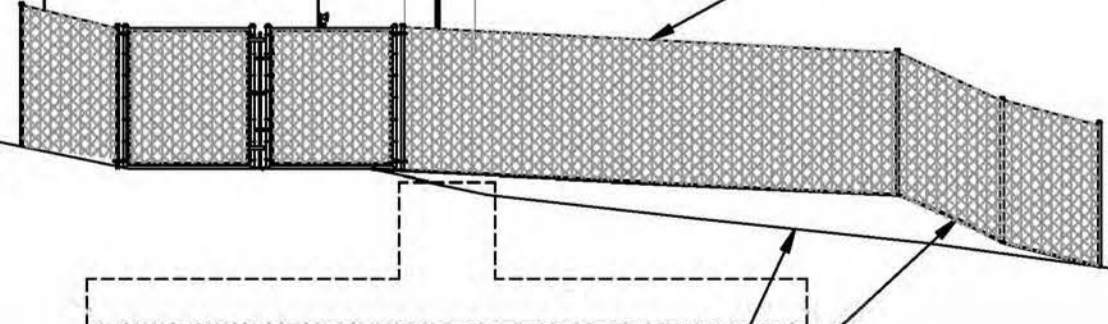
- START OF MONOPINE BRANCHES @ ±20' AGL

- FINISH GRADE @ 0' AGL



- NEW MONOPINE
- NEW D/C & FIBER TRUNK
- NEW PRE-FAB SHELTER
- NEW GPS ANTENNA
- NEW 6' CHAIN LINK FENCE

(E) GRADE
NEW GRADE



SOUTH ELEVATION

SCALE: 1/8"=1'-0" 1

- NOTE:
- MONOPINE BRANCHES SHOWN ARE FOR ILLUSTRATIVE PURPOSES ONLY AND ARE NOT TO SCALE.
 - TRUNK TO BE PAINTED KELLEY MOORE LOG CABIN BROWN OR EQUAL.
 - ANTENNAS TO BE CONCEALED WITH ANTENNAS SOCKS
 - RRUS TO BE PAINTED BROWN

PROPRIETARY INFORMATION

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CLIENT:



2600 CAMINO RAMON
SAN RAMON, CA 94583

PROJECT INFORMATION:

SOAPWEED

4070 STOPE DR
PLACERVILLE, CA 95667

REV: DATE: DESCRIPTION: BY:

1	6-14-17	90% ZONING DOC'S	RB
2	8-3-17	REV 90% ZONING DOC'S	RB
3	8-21-17	100% ZONING DOC'S	RB

COORDINATING ENGINEER:

Peek Site-Com

12852 Earhart Ave. Suite 101
Auburn, California 95602
Phone (530) 885-6160

E-Mail info@peeksitecom.com

SEAL:



SITE #: CHK.: DRAWN BY:

CVL03411 ... RB

SHEET TITLE:

ELEVATIONS

SHEET NUMBER: REVISION:

A-4 0

- TOP OF MONOPINE BRANCHES @ ±140' AGL
- OVERALL HEIGHT OF MONOPINE & TOP OF AT&T ANTENNAS @ ±133' AGL
- AT&T RAD CENTER @ ±130' AGL

- AT&T RAD CENTER @ ±120' AGL
- BOTTOM OF AT&T ANTENNAS @ ±117' AGL

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NEW RRU, TYP. OF (21), MOUNTED ON RRU COLLAR MOUNT BELOW ANTENNAS

NEW SURGE SUPPRESSOR, TYP. OF (3) (2) FUTURE 4' M/W DISHES

FUTURE ANTENNAS BY OTHER CARRIERS

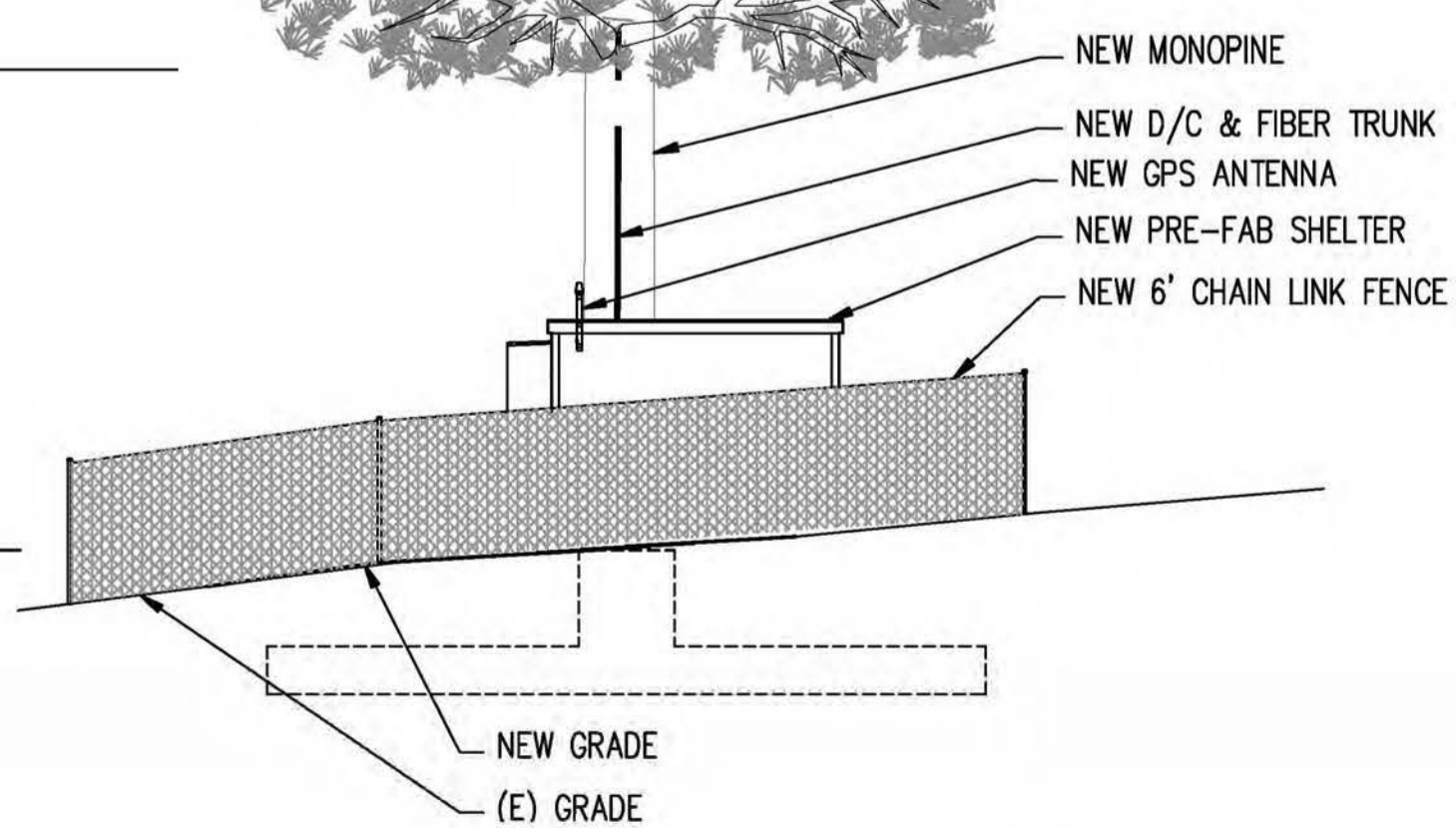
RAD CENTER OF FUTURE MICROWAVE DISH @ ±112'-6" AGL

RAD CENTER OF FUTURE ANTENNAS BY OTHER CARRIER @ ±105' AGL

RAD CENTER OF FUTURE ANTENNAS BY OTHER CARRIER @ ±90' AGL

- START OF MONOPINE BRANCHES @ ±20' AGL

- FINISH GRADE @ 0' AGL



WEST ELEVATION

SCALE: 1/8"=1'-0" 2

- TOP OF MONOPINE BRANCHES @ ±140' AGL
- OVERALL HEIGHT OF MONOPINE & TOP OF AT&T ANTENNAS @ ±133' AGL
- AT&T RAD CENTER @ ±130' AGL

- AT&T RAD CENTER @ ±120' AGL
- BOTTOM OF AT&T ANTENNAS @ ±117' AGL

NEW AT&T ANTENNA, TYP. OF (4) PER SECTOR FOR A TOTAL OF (12)

NEW RRU, TYP. OF (21), MOUNTED ON RRU COLLAR MOUNT BELOW ANTENNAS

NEW SURGE SUPPRESSOR, TYP. OF (3) (2) FUTURE 4' M/W DISHES

FUTURE ANTENNAS BY OTHER CARRIERS

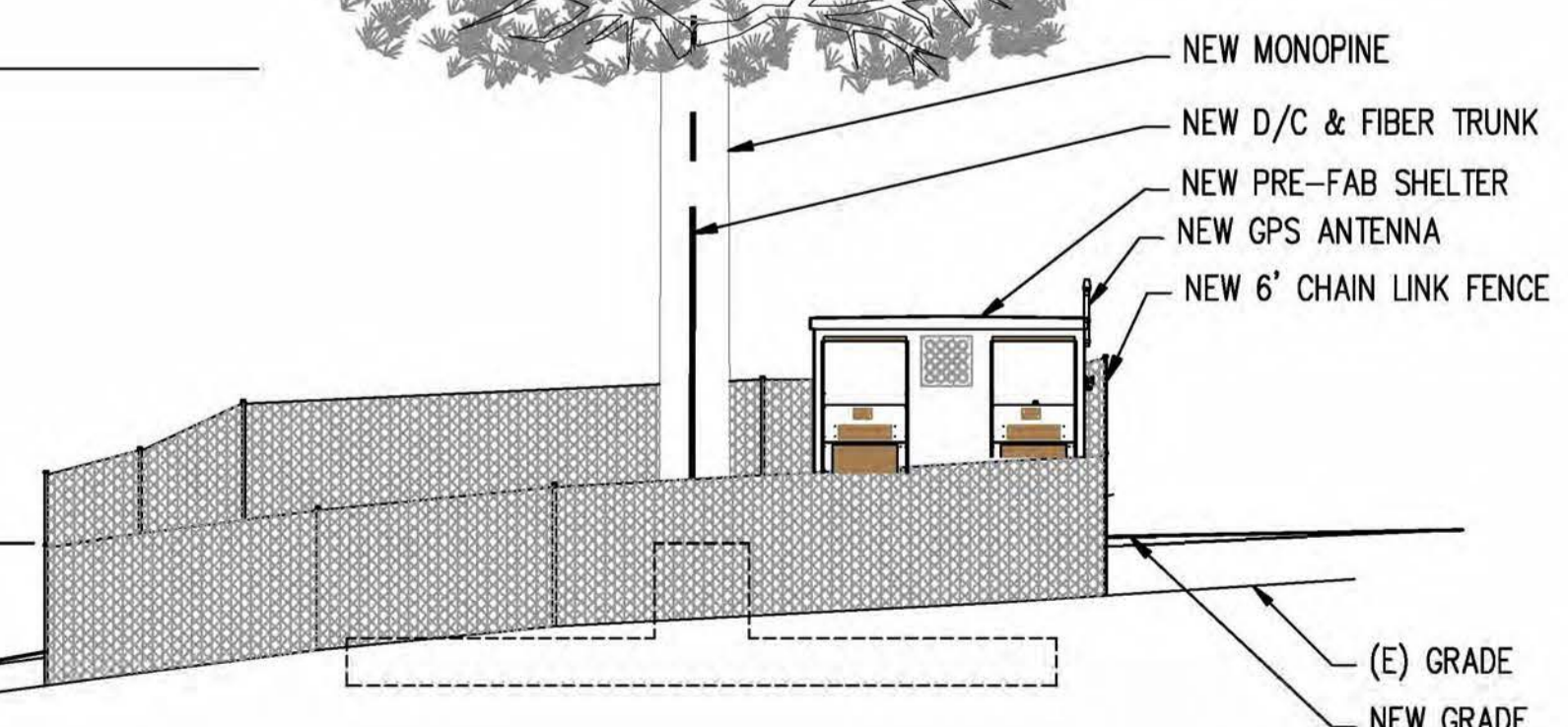
RAD CENTER OF FUTURE MICROWAVE DISH @ ±112'-6" AGL

RAD CENTER OF FUTURE ANTENNAS BY OTHER CARRIER @ ±105' AGL

RAD CENTER OF FUTURE ANTENNAS BY OTHER CARRIER @ ±90' AGL

- START OF MONOPINE BRANCHES @ ±20' AGL

- FINISH GRADE @ 0' AGL



NORTH ELEVATION

SCALE: 1/8"=1'-0" 1

- NOTE:
- MONOPINE BRANCHES SHOWN ARE FOR ILLUSTRATIVE PURPOSES ONLY AND ARE NOT TO SCALE.
 - TRUNK TO BE PAINTED KELLEY MOOR LOG CABIN BROWN OR EQUAL.
 - ANTENNAS TO BE CONCEALED WITH ANTENNAS SOCKS
 - RRUS TO BE PAINTED BROWN

PROPRIETARY INFORMATION

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CLIENT:



2600 CAMINO RAMON
SAN RAMON, CA 94583

PROJECT INFORMATION:

SOAPWEED

4070 STOPE DR
PLACERVILLE, CA 95667

REV	DATE	DESCRIPTION	BY
1	6-14-17	90% ZONING DOC'S	RB
2	8-3-17	REV 90% ZONING DOC'S	RB
3	8-21-17	100% ZONING DOC'S	RB

COORDINATING ENGINEER:

Peek Site-Com

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Phone (530) 885-6160

E-Mail info@peeksitecom.com



SITE #: CVL03411 CHK: ... DRAWN BY: RB

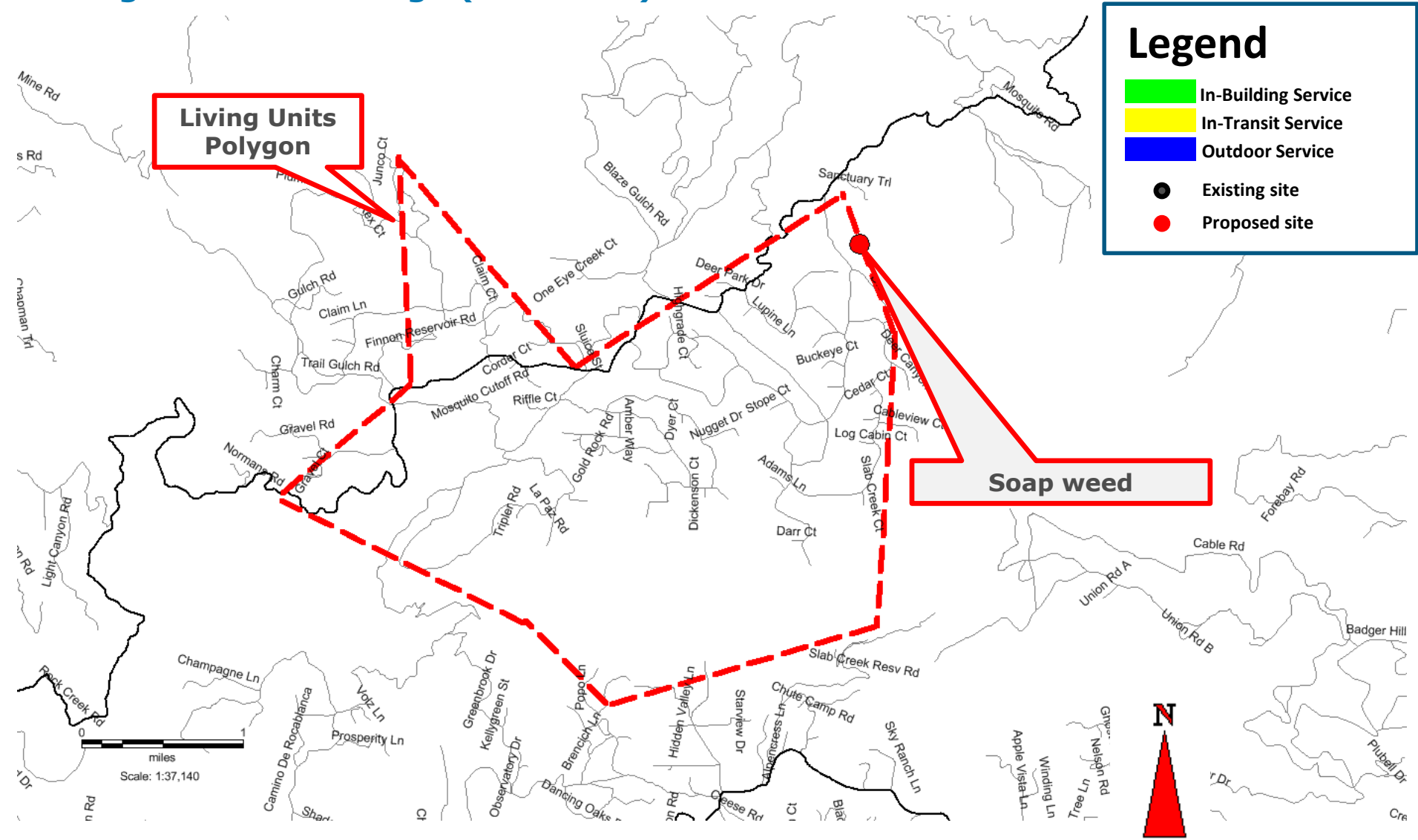
SHEET TITLE: ELEVATIONS

SHEET NUMBER: A-4.1 0 REVISION:

CVL03411 Zoning Propagation Map

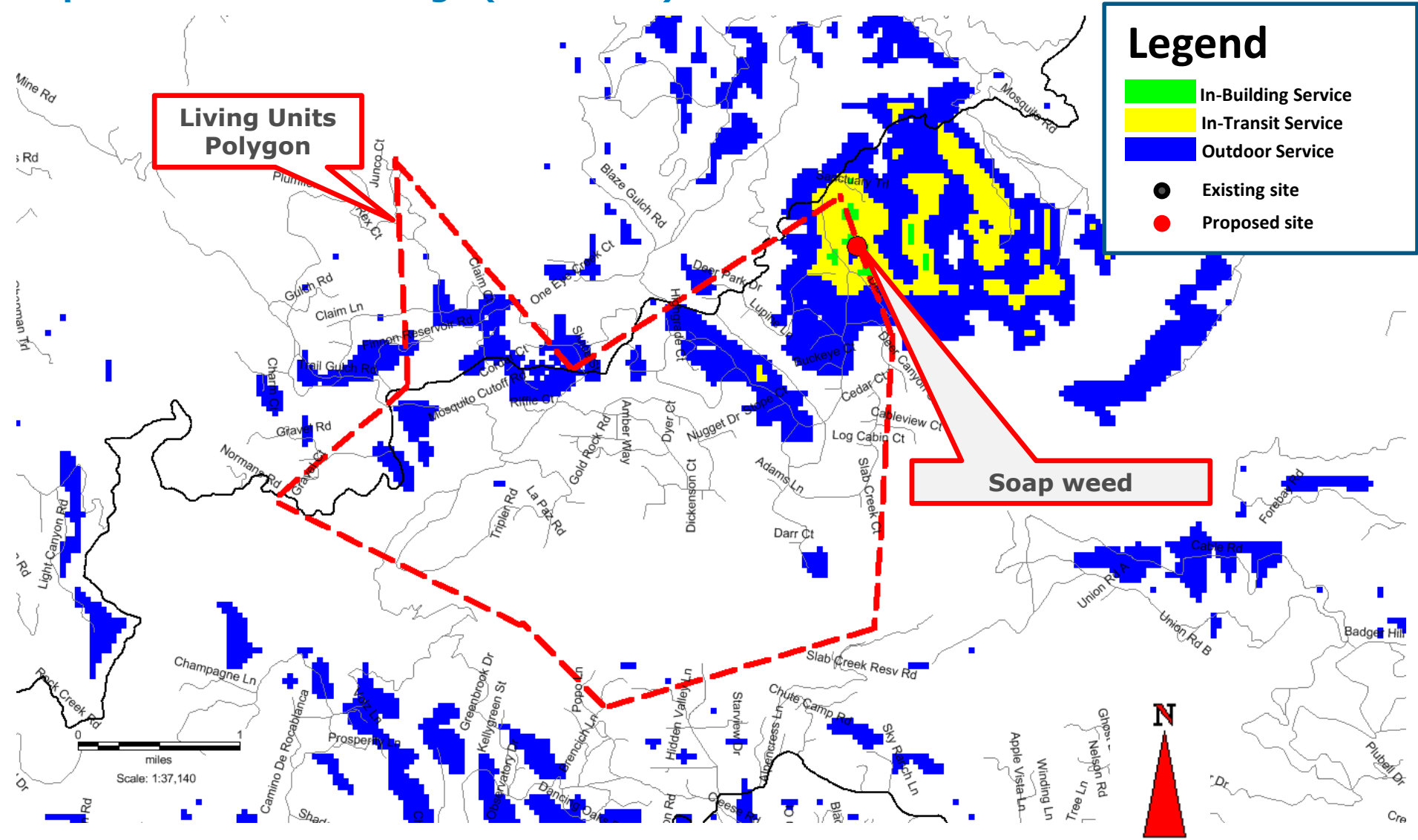
June 24, 2017

Existing LTE 700 Coverage (RC = 130')



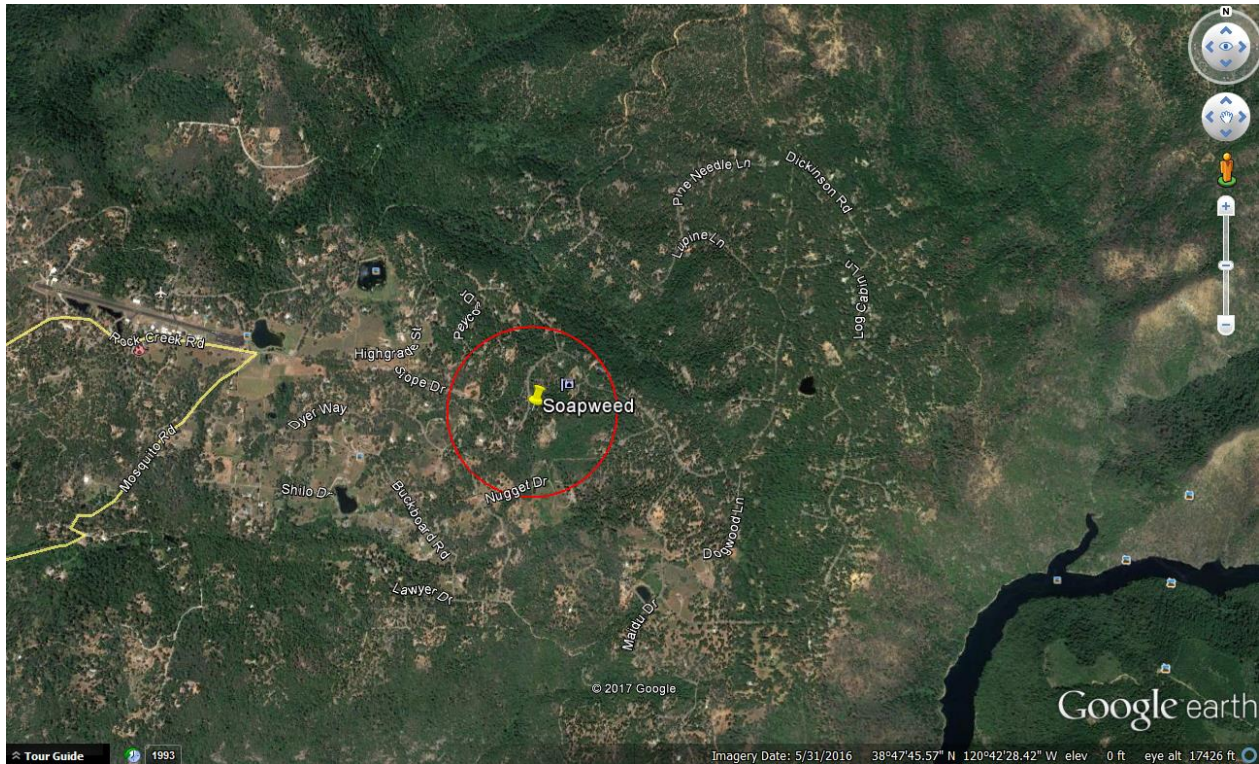
June 24, 2017

Proposed LTE 700 Coverage (RC = 130')



June 24, 2017

Search Ring's Description and Objectives:

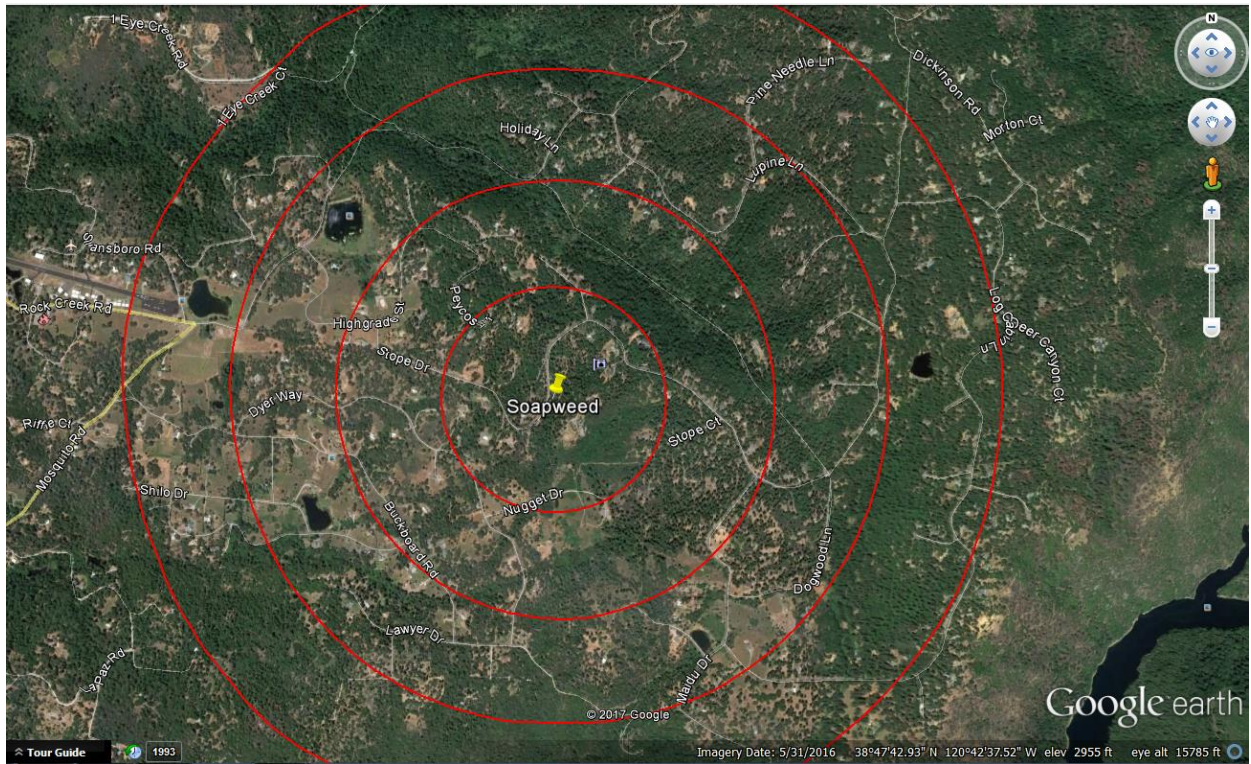


AT&T Mobility is proposing to build and maintain an unmanned wireless telecommunication facility consisting of a 40' x 45' (1,800) square foot enclosed compound (lease area). The compound will include a 140 foot Stealth Monopine tower, one equipment shelter, one 35kw standby propane generator, and one 500 gallon propane tank. This facility will be located at 4070 Stope Road, Placerville, within El Dorado County's jurisdiction in a 10 acre FR-40 zone. The site is approximately 1,360 feet west of Yankee John Creek and the area consists of evergreen trees, and rolling hills with rocky terrain.

AT&T's objective for the Soapweed site is to provide wireless hi-speed broadband internet to a minimum of 350 LU's and cellular services to the nearby residences. This site is to provide hi-speed internet and enhanced cellular coverage & capacity to the Soapweed area, in all directions of the search ring which is a relatively dense underserved area. The site location's elevation is approximately 3,150 feet while the surrounding community's elevation averages around 2,900 feet, giving the homes within the community great potential for line of site to the tower. After running a coverage simulation at the site location, AT&T is anticipating meeting their FCC objective for this search ring by covering approximately 350 homes.

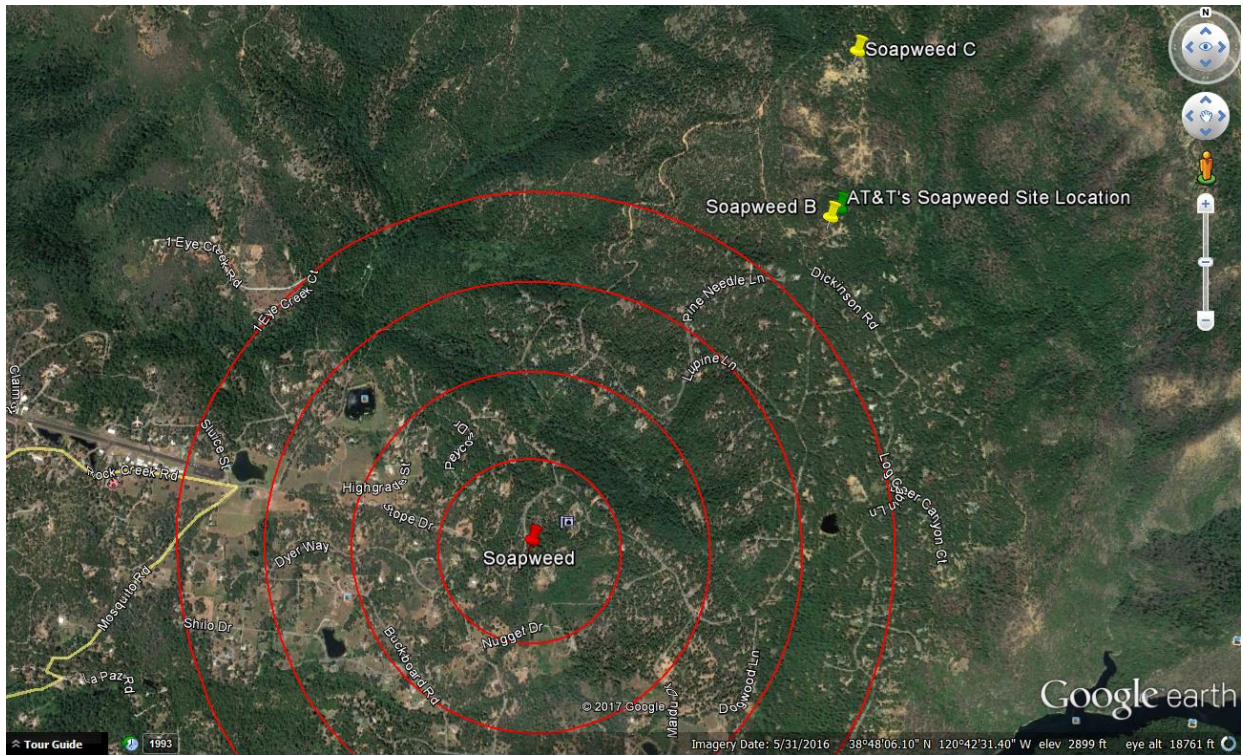
Attachment 3 Site 4 Soapweed

Potential Co-locations:



There are no potential Co-location opportunities in the near vicinity of the provided Search Ring. The targeted area is a relatively low populated area, therefore, typical cellular services are less prone to be present.

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



Above is a map showing the Search Ring (center is the red pin), Proposed Site (green pin) and the two alternative sites (yellow pins) that were considered for placement of the telecommunications facility. Epic Wireless was forced to search well beyond AT&T's Search Ring due to the restrictions within the Swansboro Home Owners Association.

Each Alternative Site is discussed below:

Soapweed Alternative Candidate B:

3300 Sanctuary Trail, Placerville, CA 95667

Latitude/Longitude: 38.807528, -120.698427

Proposal – New Tower



Considerations:

Candidate B is located approximately 1.2 miles north-east of the center of AT&T's search ring. The proposed tower would be located on a 11.22 acre, FR-40 zoned property owned by Collins and Judith Smith. The property is located on the east side of Sanctuary Road and the site was proposed on the southeast side of the property. Candidate B was chosen as AT&T's second preferred candidate as the RF Engineer's simulation yielded fewer LU's than the subject site located at 4070 Stope Drive (Subject Parcel).

Soapweed Alternative Candidate C:

3285 Sanctuary Trail, Placerville, CA 95667

Latitude/Longitude: 38.814186, -120.696936

Proposal – New Tower



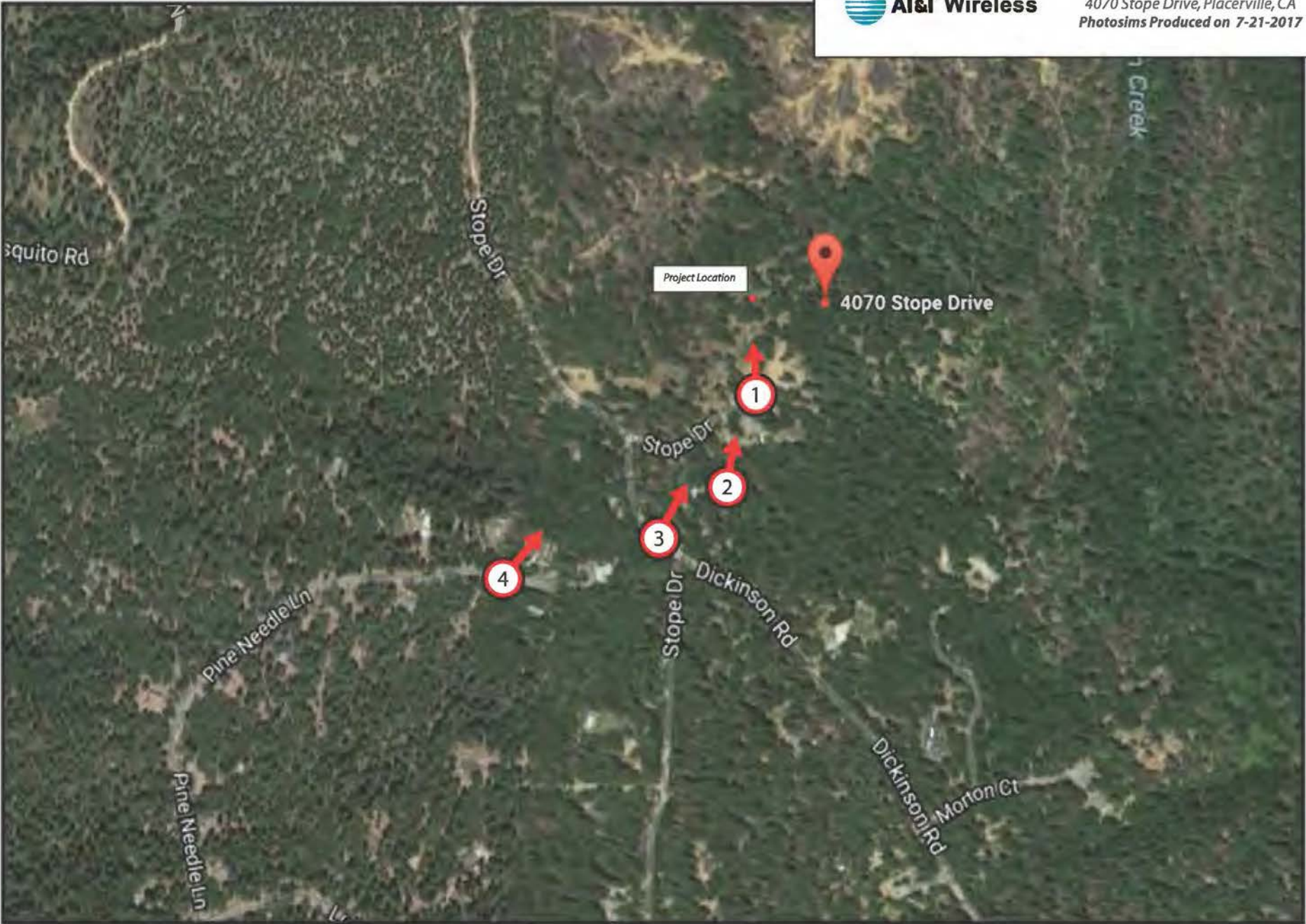
Considerations:

Candidate C is located approximately 1.3 miles northeast of the center of AT&T's search ring. The proposed tower would be located on a 20.14 acre, FR-40 zoned property owned by Andrew Blakeman. The property is located on the east side of Sanctuary Trail and the site was proposed on the north side of the property. Candidate C was chosen as AT&T's third preferred candidate as the RF Engineer's simulation yielded fewer LU's than the subject site located at 4070 Stope Drive (Subject Parcel).

Actual View of the Proposed Location:

The proposed lease area is located on the north side of the subject property. The site will not interfere with the existing use of the property. Access will be directly off of Stope Drive. The site is elevated above the surrounding area and has great potential for line of site to the communities down below the subject parcel.





**Attachment 4
Site 4 Soapweed**

Existing



Proposed



Proposed AT&T
Installation

view from property looking north at site



CVL03411 Soapweed
4070 Stope Drive, Placerville, CA
Photosims Produced on 7-21-2017



Existing



Proposed



view from Awesome View looking north at site



CVL03411 Soapweed
4070 Stope Drive, Placerville, CA
Photosims Produced on 7-21-2017



Existing



Proposed



Proposed AT&T
Installation Not Visible

view from Stope Drive looking northeast at site



CVL03411 Soapweed
4070 Stope Drive, Placerville, CA
Photosims Produced on 7-21-2017



Existing



Proposed



view from Pine Needle Lane looking northeast at site



CVL03411 Soapweed
4070 Stope Drive, Placerville, CA
Photosims Produced on 7-21-2017



Sound Specifications:

- Emergency Generator Model: SG035 Generac
 - Average decibel (dBa) level at 23 feet = 64.9 dBa
- HVAC Model: ASDCA48
 - Average decibel (dBa) level at 50 feet = 57 dBa

Sound Specifications while taking the Sound Blanket into consideration:

- Emergency Generator Model: SG035 Generac
 - Average decibel (dBa) level at 23 feet = 58.11 dBa
- HVAC Model: ASDCA48
 - Average decibel (dBa) level at 50 feet = 46.36 dB

Findings:

1. Distance to the nearest property line = 67.5'
 - a. Generator Decibel level at 67.5' = 37.01 dBa
 - b. HVAC Decibel level at 67.5' = 43.75 dBa
2. Distance to a nearest residence = 440'
 - a. Generator Decibel level at 440' = 20.73 dBa
 - b. HVAC Decibel level at 440' = 27.47 dBa

Conclusion:

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

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

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



Radio Frequency Emissions Compliance Report For AT&T Mobility

Site Name: Soapweed	Site Structure Type: Monopine
Address: 4070 Stope Drive Placerville, CA	Latitude: 38.80793
Report Date: July 14, 2017	Longitude: -120.697897
	Project: New Build

General Summary

AT&T Mobility has contracted Waterford Consultants, LLC to conduct a Radio Frequency Electromagnetic Compliance assessment of the proposed Soapweed site located at 4070 Stope Drive, Placerville, CA. 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.

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.

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.

Attachment 6 Site 4 Soapweed

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

Analysis

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

- Install twelve (12) new panel antennas
- Install six (6) new RRUS-11, three (3) RRUS-12, twelve (12) new RRUS-32

The antennas will be mounted on a 140-foot Monopine with centerlines at 130 and 122 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 25,831 Watts. Other appurtenances such as RRUs and hybrid cable are not sources of RF emissions. From this site, AT&T Mobility will enhance voice and data services to surrounding areas in licensed 700, 850, 1900, 2100 and 2300 MHz bands. No other antennas are known to be operating in the vicinity of this site.

Power density decreases significantly with distance from any antenna. The panel-type antennas to be employed at this site are highly directional by design and the orientation in azimuth and mounting elevation, as documented, serve to reduce the potential to exceed MPE limits at any location other than directly in front of the antennas. For accessible areas at ground level, the maximum predicted power density level resulting from all AT&T Mobility operations is 0.5455% of the FCC General Population limits (0.1091% 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 0.121% of the FCC General Population limits (0.0242% 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.

Waterford Consultants, LLC recommends posting contact information signage at the gate that informs personnel entering the site of basic precautions to be followed when working around antennas. RF alerting signage (Caution) should be posted at the base of the proposed Monopine to inform authorized climbers of potential conditions near the antennas. These recommendations are depicted in Figure 2.

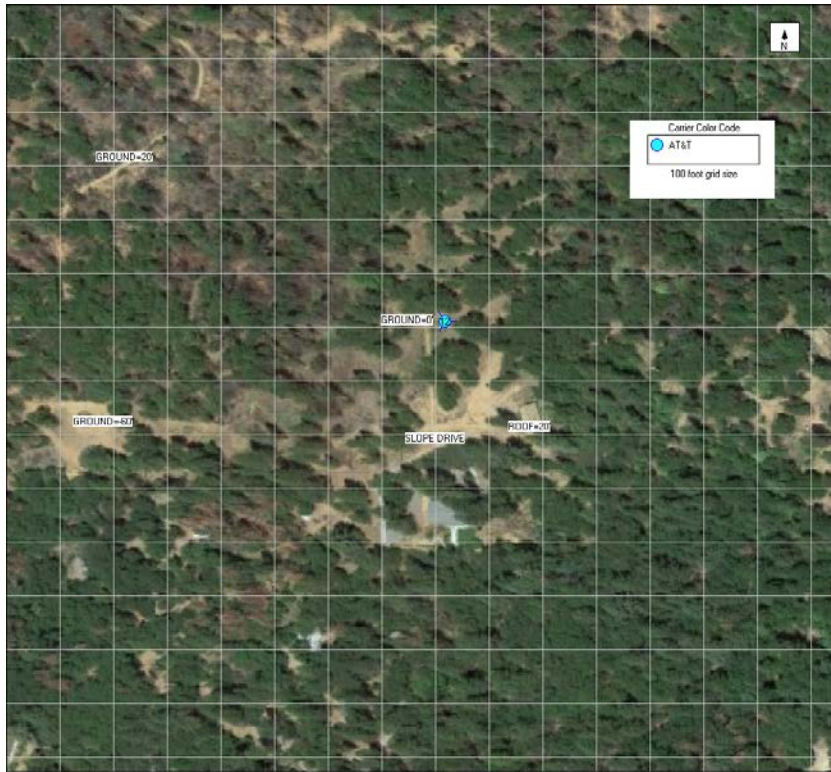


Figure 1: Antenna Locations

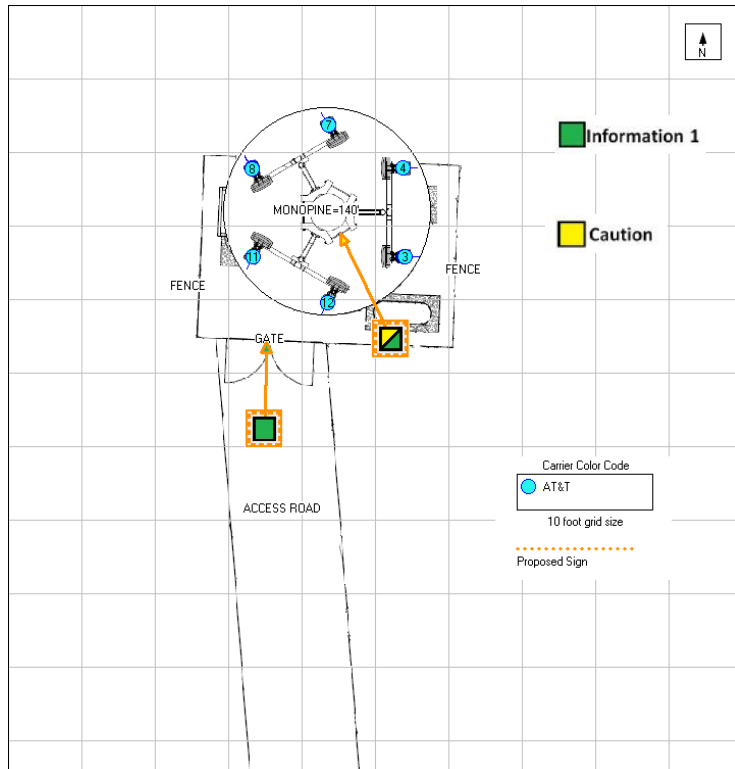


Figure 2: Mitigation Recommendations

Compliance Statement

Based on information provided by AT&T Mobility and predictive modeling, the installation proposed by AT&T Mobility at 4070 Stope Drive, Placerville, CA 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.

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.

