Exhibit F

SITE NUMBER: CVL00887

SITE NAME: AUBURN LAKE TRAILS

2125 CRAMER CT.
COOL, CA 95614
JURISDICTION: ELDORADO COUNTY

SITE TYPE: MONOPINE/WALK-IN EQUIPMENT CABINET

PROJECT DESCRIPTION

NEW SITE (BUILD UNMANNED TELECOMMUNICATIONS FACILITY.

1. BRING POWER / TELCO / FIBER TO SITE LOCATION
2. GRAVEL ROAD IMPROVEMENT FROM POW
3. 40'X45' FENCED LEASE AREA
4. INSTALL AT&T APPROVED PRE-MANUFACTURED EQUIPMENT CABINET AND ASSOCIATED INTERIOR EQUIPMENT
5. ADD (1) NEW GPS UNITS
6. ADD 160'-0" MONOPINE
7. ADD (12) ANTENNAS (4) PER ALPHA, BETA, GAMMA SECTOR
8. ADD (21) PROPOSED RRUS
9. ADD (6) DUAL DIPLEXERS
10. ADD (4) SURGE SUPPRESSORS
11. ADD (2) FUTURE 4' MICROWAVE DISHES
12. ADD 6'-0" HIGH CHAIN LINK FENCE W/ VINAL SLATS
13. ADD 15KW DG DIESEL GENERATOR

CODE COMPLIANCE

ALL WORK AND MATERIALS SHALL BE PERFORMED AND INSTALLED IN ACCORDANCE WITH THE CURRENT EDITIONS OF THE FOLLOWING CODES AS ADOPTED BY THE LOCAL GOVERNING AUTHORITIES. NOTHING IN THESE PLANS IS TO BE CONSTRUCTED TO PERMIT WORK NOT CONFORMING TO THESE CODES:

1. 2016 CALIFORNIA ADMINISTRATIVE CODE, PART 1, TITLE 24, C.C.R. (CALIFORNIA CODE OF REGULATIONS)
2. 2016 CALIFORNIA BUILDING CODE (CBC), PART 2, TITLE 24, C.C.R. (VOLUMES 1 & 2), (2015 INTERNATIONAL BUILDING CODE)
3. 2016 CALIFORNIA ELECTRICAL CODE (CEC), PART 3, TITLE 24, C.C.R., (2014 NATIONAL ELECTRICAL CODE)
4. 2016 CALIFORNIA MECHANICAL CODE (CMC), PART 4, TITLE 24, C.C.R., (2015 UNIFORM MECHANICAL CODE)
5. 2016 CALIFORNIA PLUMBING CODE (CPC), PART 5, TITLE 24, C.C.R., (2015 UNIFORM PLUMBING CODE)
6. 2016 CALIFORNIA ENERGY CODE (CEC), PART 6, TITLE 24, C.C.R.
7. 2016 CALIFORNIA HISTORICAL BUILDING CODE, PART 8, TITLE 24, C.C.R., (2015 INTERNATIONAL BUILDING CODE)
8. 2016 CALIFORNIA FIRE CODE, PART 9, TITLE 24 C.C.R., (2015 INTERNATIONAL FIRE CODE)
9. 2016 CALIFORNIA EXISTING BUILDING CODE, PART 10, TITLE 24, C.C.R., (2015 INTERNATIONAL BUILDING CODE)
10. 2016 CALIFORNIA GREEN BUILDING STANDARDS CODE, PART 11, TITLE 24 C.C.R., (CALGreen)
11. 2016 CALIFORNIA REFERENCED STANDARDS, PART 12, TITLE 24 C.C.R.
12. ANSI/EIA-TIA-222-G
13. ALONG WITH ANY OTHER APPLICABLE LOCAL & STATE LAWS AND REGULATIONS.

DISABLED ACCESS REQUIREMENTS

THIS FACILITY IS UNMANNED & NOT FOR HUMAN HABITATION. DISABLED ACCESS & REQUIREMENTS ARE NOT REQUIRED IN ACCORDANCE WITH CALIFORNIA STATE BUILDING CODE TITLE 24 PART 2, SECTION 119-203.4

OCCUPANCY AND CONSTRUCTION TYPE

OCCUPANCY : U (UNMANNED)

CONSTRUCTION TYPE: V-B

PROJECT INFORMATION

PROPERTY INFORMATION:
SITE NAME: AUBURN LAKE TRAILS
SITE NUMBER: CVL00887

SEARCH RING: AUBURN LAKE TRAILS
FA# 13787685
SITE ADDRESS: 2125 CRAMER CT.
COOL, CA 95614

A.P.N. NUMBER: 071-400-30-100

CURRENT USE: SINGLE FAMILY RESIDENTIAL, RURAL RESEDENTIAL

PROPOSED USE: (U) UNMANNED TELECOMMUNICATION FACILITY

JURISDICTION: ELDORADO COUNTY

LATITUDE: N 38° 53' 43.62"

LONGITUDE: W 120° 58' 51.04"

GROUND ELEVATION: ±1719 FT. AMSL

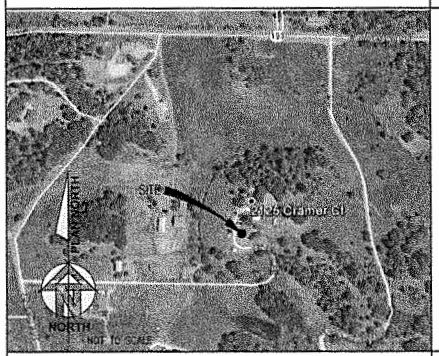
PROPERTY OWNER:
RICHARD & LINDA MITCHAM
2125 CRAMER CT.
COOL, CA 95614

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

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

RFDS DATED 09-19-2017, ISSUE 1.0
REVISION 1.00

VICINITY MAP



SPECIAL INSPECTIONS

PROJECT TEAM

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

RF ENGINEER:
AT&T CONTACT: ASAD SHAHBAZ
EMAIL: MS4539@ATT.COM
PH: (646) 369-2573

PROJECT MGR.:
EPIC WIRELESS
CONTACT: NICK TAGAS
EMAIL: NICK.TAGAS@EPICWIRELESS.NET
PH: (916) 990-1446

SITE ACQUISITION:
COMPANY: EPIC WIRELESS
CONTACT: JARED KEARSLEY (ZONING MGR.)
EMAIL: JARED.KEARSLEY@EPICWIRELESS.NET
CELL: (916) 755-1326

CONSTRUCTION MGR.:
COMPANY: EPIC WIRELESS
CONTACT: PETE MANNS
EMAIL: PETE.MANNS@EPICWIRELESS.NET
PH: (530) 383-5957

A&E DESIGN GROUP:
COMPANY: EPIC WIRELESS
CONTACT: CARL SYLVESTER
CARL.SYLVESTER@EPICWIRELESS.NET
PH: (530) 933-2763

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

CIVIL VENDOR.:
VINCULUMS CM
CONTACT: KEN ABEL
EMAIL: KABEL@VINCULUMS.COM
PH: (916) 844-4602

DIRECTIONS FROM AT&T

DIRECTIONS FROM AT&T's OFFICE AT 2600 CAMINO RAMON, SAN RAMON, CA
2600 CAMINO RAMON
SAN RAMON, CA 94583

1. GET ON I-680 N FROM CAMINO RAMON AND BOLLINGER CANYON RD 3 MIN (1.0 MI)
2. HEAD SOUTHEAST ON CAMINO RAMON TOWARD BISHOP DR 0.2 MI
3. CONTINUE STRAIGHT TO STAY ON CAMINO RAMON 0.1 MI
4. TURN RIGHT ONTO BOLLINGER CANYON RD 0.4 MI
5. USE THE RIGHT 2 LANES TO MERGE ONTO I-680 N VIA THE RAMP TO SACRAMENTO 0.3 MI
6. FOLLOW I-680 N AND I-80 E TO ELM AVE IN AUBURN. TAKE EXIT 119C FROM I-80 E 1 H 42 MIN (115 MI)
7. MERGE ONTO I-680 N 10.6 MI
8. KEEP LEFT TO STAY ON I-680 N 5.0 MI
9. KEEP LEFT AT THE FORK TO STAY ON I-680 N
10. PARTIAL TOLL ROAD 5.9 MI
11. KEEP LEFT AT THE FORK TO CONTINUE ON I-680 PARTIAL TOLL ROAD 14.4 MI
12. USE ANY LANE TO TAKE EXIT 71A TOWARD I-80 E/SACRAMENTO 0.4 MI
13. MERGE ONTO I-80 E 29.0 MI
14. KEEP LEFT AT THE FORK TO STAY ON I-80 E 12.1 MI
15. KEEP RIGHT AT THE FORK TO STAY ON I-80 E, FOLLOW SIGNS FOR RENO 37.7 MI
16. TAKE EXIT 119C FOR ELM AVE 409 FT
17. TAKE CA-193 E TO CRAMER CT IN COOL 18 MIN (8.9 MI)
18. TURN LEFT ONTO ELM AVE (SIGNS FOR DOWNTOWN/AUBURN) 0.2 MI
19. TURN LEFT ONTO CA-49 S/ED. DORADO ST/HIGH ST 295 FT
20. TURN RIGHT ONTO CA-193 E/CA-49 S/ED. DORADO ST CONTINUE TO FOLLOW CA-193 E/CA-49 S 8.0 MI
21. TURN LEFT ONTO CA-193 E 2.0 MI
22. TURN RIGHT ONTO CRAMER RD PARTIAL RESTRICTED USAGE ROAD 0.3 MI
23. TURN LEFT ONTO CRAMER CT RESTRICTED USAGE ROAD DESTINATION WILL BE ON THE LEFT 0.4 MI

2125 CRAMER CT
COOL, CA 95614

APPROVALS

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

SHEET INDEX

REV		
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GN-1		GENERAL NOTES
C-1		SITE SURVEY (BY OTHERS) FOR REFERENCE ONLY
C-2		SITE SURVEY (BY OTHERS) FOR REFERENCE ONLY
C-2.1		EROSION CONTROL NOTES
C-2.2		GRADING PLAN & DETAILS
A-1		OVERALL SITE PLAN - EXTERIOR WALK IN EQUIPMENT CABINET
A-1.1		SITE PLAN - EXTERIOR WALK IN EQUIPMENT CABINET
A-2		EQUIPMENT AREA PLAN - EXTERIOR WALK IN EQUIPMENT CABINET
A-3		ANTENNA PLAN & DETAILS - MONOPINE
A-4.1		PROPOSED MONOPINE NORTH - SOUTH ELEVATION
A-4.2		PROPOSED MONOPINE WEST - EAST ELEVATION

APPROVED
EL DORADO COUNTY
PLANNING COMMISSION
DATE June 14, 2018
BY Roger Trout/cm
EXECUTIVE SECRETARY

GENERAL CONTRACTOR NOTES

DO NOT SCALE DRAWINGS

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.

DIGALERT
800-227-2600
Call 2 Working Days In Advance

Issued For:
AUBURN LAKE TRAILS
2125 CRAMER CT.
COOL, CA 95614

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

EPIC WIRELESS GROUP

AT&T SITE NO:	CVL00887
PROJECT NO:	13787685
DRAWN BY:	CES
CHECKED BY:	CES

REV:	DATE:	DESCRIPTION:
0	09/19/17	ZD RFDS
0	10/02/17	ZD RFDS
0	10/31/17	ZD RFDS

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

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

GENERAL CONSTRUCTION NOTES:

1. PLANS ARE INTENDED TO BE DIAGRAMMATIC OUTLINE ONLY, UNLESS NOTED OTHERWISE. THE WORK SHALL INCLUDE FURNISHING MATERIALS, EQUIPMENT, APPURTENANCES AND LABOR NECESSARY TO COMPLETE ALL INSTALLATIONS AS INDICATED ON THE DRAWINGS.

2. THE CONTRACTOR SHALL OBTAIN, IN WRITING, AUTHORIZATION TO PROCEED BEFORE STARTING WORK ON ANY ITEM NOT CLEARLY DEFINED OR EXISTING BY THE CONTRACT DOCUMENTS.

3. CONTRACTOR SHALL CONTACT USA (UNDERGROUND SERVICE ALERT) AT (800) 227-2600, FOR UTILITY LOCATIONS, 48 HOURS BEFORE PROCEEDING WITH ANY EXCAVATION, SITE WORK OR CONSTRUCTION.

4. THE CONTRACTOR SHALL INSTALL ALL EQUIPMENT AND MATERIALS IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS UNLESS SPECIFICALLY INDICATED OTHERWISE, OR WHERE LOCAL CODES OR REGULATIONS TAKE PRECEDENCE.

5. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE CBC/UBC'S REQUIREMENTS REGARDING EARTHQUAKE RESISTANCE, FOR, BUT NOT LIMITED TO, PIPING, LIGHT FIXTURES, CEILING GRID, INTERIOR PARTITIONS, AND MECHANICAL EQUIPMENT. ALL WORK MUST COMPLY WITH LOCAL EARTHQUAKE CODES AND REGULATIONS.

6. REPRESENTATIONS OF TRUE NORTH, OTHER THAN THOSE FOUND ON THE PLOT OF SURVEY DRAWINGS, SHALL NOT BE USED TO IDENTIFY OR ESTABLISH BEARING OF TRUE NORTH AT THE SITE. THE CONTRACTOR SHALL RELY SOLELY ON THE PLOT OF SURVEY DRAWING AND ANY SURVEYOR'S MARKINGS AT THE SITE FOR THE ESTABLISHMENT OF TRUE NORTH, AND SHALL NOTIFY THE ARCHITECT / ENGINEER PRIOR TO PROCEEDING WITH THE WORK IF ANY DISCREPANCY IS FOUND BETWEEN THE VARIOUS ELEMENTS OF THE WORKING DRAWINGS AND THE TRUE NORTH ORIENTATION AS DEPICTED ON THE CIVIL SURVEY. THE CONTRACTOR SHALL ASSUME SOLE LIABILITY FOR ANY FAILURE TO NOTIFY THE ARCHITECT / ENGINEER.

7. THE BUILDING DEPARTMENT ISSUING THE PERMITS SHALL BE NOTIFIED AT LEAST TWO WORKING DAYS PRIOR TO THE COMMENCEMENT OF WORK, OR AS OTHERWISE STIPULATED BY THE CODE ENFORCEMENT OFFICIAL HAVING JURISDICTION.

8. DO NOT EXCAVATE OR DISTURB BEYOND THE PROPERTY LINES OR LEASE LINES, UNLESS OTHERWISE NOTED.

9. ALL EXISTING UTILITIES, FACILITIES, CONDITIONS, AND THEIR DIMENSIONS SHOWN ON THE PLAN HAVE BEEN PLOTTED FROM AVAILABLE RECORDS. THE ARCHITECT / ENGINEER AND THE OWNER ASSUME NO RESPONSIBILITY WHATSOEVER AS TO THE SUFFICIENCY OR THE ACCURACY OF THE INFORMATION SHOWN ON THE PLANS, ON THE MANNER OF THEIR REMOVAL OR ADJUSTMENT. CONTRACTORS SHALL BE RESPONSIBLE FOR DETERMINING EXACT LOCATION OF ALL EXISTING UTILITIES AND FACILITIES PRIOR TO START OF CONSTRUCTION. CONTRACTORS SHALL ALSO OBTAIN FROM EACH UTILITY COMPANY DETAILED INFORMATION RELATIVE TO WORKING SCHEDULES AND METHODS OF REMOVING OR ADJUSTING EXISTING UTILITIES.

10. CONTRACTOR SHALL VERIFY ALL EXISTING UTILITIES, BOTH HORIZONTAL AND VERTICALLY, PRIOR TO THE START OF CONSTRUCTION. ANY DISCREPANCIES OR DOUBTS AS TO THE INTERPRETATION OF PLANS SHOULD BE IMMEDIATELY REPORTED TO THE ARCHITECT / ENGINEER FOR RESOLUTION AND INSTRUCTION, AND NO FURTHER WORK SHALL BE PERFORMED UNTIL THE DISCREPANCY IS CHECKED AND CORRECTED BY THE ARCHITECT / ENGINEER. FAILURE TO SECURE SUCH INSTRUCTION MEANS CONTRACTOR WILL HAVE WORKED AT HIS/HER OWN RISK AND EXPENSE.

11. ALL NEW AND EXISTING UTILITY STRUCTURES ON SITE AND IN AREAS TO BE DISTURBED BY CONSTRUCTION SHALL BE ADJUSTED TO FINISH ELEVATIONS PRIOR TO FINAL INSPECTION OF WORK.

12. ANY DRAIN AND/OR FIELD TILE ENCOUNTERED / DISTURBED DURING CONSTRUCTION SHALL BE RETURNED TO IT'S ORIGINAL CONDITION PRIOR TO COMPLETION OF WORK. SIZE, LOCATION AND TYPE OF ANY UNDERGROUND UTILITIES OR IMPROVEMENTS SHALL BE ACCURATELY NOTED AND PLACED ON "AS-BUILT" DRAWINGS BY GENERAL CONTRACTOR, AND ISSUED TO THE ARCHITECT / ENGINEER AT COMPLETION OF PROJECT.

13. ALL TEMPORARY EXCAVATIONS FOR THE INSTALLATION OF FOUNDATIONS, UTILITIES, ETC., SHALL BE PROPERLY LAID BACK OR BRACED IN ACCORDANCE WITH CORRECT OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA) REQUIREMENTS.

14. INCLUDE MISC. ITEMS PER AT&T SPECIFICATIONS

APPLICABLE CODES, REGULATIONS AND STANDARDS:

SUBCONTRACTOR'S WORK SHALL COMPLY WITH ALL APPLICABLE NATIONAL, STATE, AND LOCAL CODES AS ADOPTED BY THE LOCAL AUTHORITY HAVING JURISDICTION (AHJ) FOR THE LOCATION.

THE EDITION OF THE AHJ ADOPTED CODES AND STANDARDS IN EFFECT ON THE DATE OF CONTRACT AWARD SHALL GOVERN THE DESIGN.

SUBCONTRACTOR'S WORK SHALL COMPLY WITH THE LATEST EDITION OF THE FOLLOWING STANDARDS:

- AMERICAN CONCRETE INSTITUTE (ACI) 318, BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE
- AMERICAN INSTITUTE OF STEEL CONSTRUCTION (AISC), MANUAL OF STEEL CONSTRUCTION, ASD, NINTH EDITION
- TELECOMMUNICATIONS INDUSTRY ASSOCIATION (TIA) 222-G, STRUCTURAL STANDARD FOR STRUCTURAL ANTENNA TOWER AND ANTENNA SUPPORTING STRUCTURES
- INSTITUTE FOR ELECTRICAL AND ELECTRONICS ENGINEERS (IEEE) 81, GUIDE FOR MEASURING EARTH RESISTIVITY, GROUND IMPEDANCE, AND EARTH SURFACE POTENTIALS OF A GROUND SYSTEM IEEE 1100 (1999) RECOMMENDED PRACTICE FOR POWERING AND GROUNDING OF ELECTRICAL EQUIPMENT.
- IEEE C62.41, RECOMMENDED PRACTICES ON SURGE VOLTAGES IN LOW VOLTAGE AC POWER CIRCUITS (FOR LOCATION CATEGORY "C3" AND "HIGH SYSTEM EXPOSURE")

TIA 607 COMMERCIAL BUILDING GROUNDING AND BONDING REQUIREMENTS FOR TELECOMMUNICATIONS TELCORDIA GR-63 NETWORK EQUIPMENT-BUILDING SYSTEM (NEBS): PHYSICAL PROTECTION
TELCORDIA GR-347 CENTRAL OFFICE POWER WIRING
TELCORDIA GR-1275 CENTRAL INSTALLATION REQUIREMENTS
TELCORDIA GR-1503 COAXIAL CABLE CONNECTIONS

ANY AND ALL OTHER LOCAL & STATE LAWS AND REGULATIONS

FOR ANY CONFLICTS BETWEEN SECTIONS OF LISTED CODES AND STANDARDS REGARDING MATERIAL, METHODS OF CONSTRUCTION, OR OTHER REQUIREMENTS, THE MOST RESTRICTIVE SHALL GOVERN. WHERE THERE IS CONFLICT BETWEEN A GENERAL REQUIREMENT AND A SPECIFIC REQUIREMENT, THE SPECIFIC REQUIREMENT SHALL GOVERN.

ABBREVIATIONS

A.B.	ANCHOR BOLT	HT.	HEIGHT
ABV.	ABOVE	IGGB.	ISOLATED COPPER GROUND BUS
ACCA	ANTENNA CABLE COVER ASSEMBLY	IN. (")	INCH(ES)
ADDTL	ADDITIONAL	INT.	INTERIOR
A.F.F.	ABOVE FINISHED FLOOR	LB.(#)	POUND(S)
A.F.G.	ABOVE FINISHED GRADE	L.B.	LAG BOLTS
ALUM.	ALUMINUM	L.F.	LINEAR FEET (FOOT)
ALT.	ALTERNATE	L.	LONG(ITUDINAL)
ANT.	ANTENNA	MAS.	MASONRY
APPRX.	APPROXIMATE(LY)	MAX.	MAXIMUM
ARCH.	ARCHITECTURAL)	M.B.	MACHINE BOLT
AWG.	AMERICAN WIRE GAUGE	MECH.	MECHANICAL
BLDG.	BUILDING	MFR.	MANUFACTURER
BLK.	BLOCK	MIN.	MINIMUM
BLKG.	BLOCKING	MISC.	MISCELLANEOUS
BM.	BEAM	MTL.	METAL
B.N.	BOUNDARY NAILING	(N)	NEW
BTCW.	BARE TINNED COPPER WIRE	NO.(#)	NUMBER
B.O.F.	BOTTOM OF FOOTING	N.T.S.	NOT TO SCALE
B/U	BACK-UP CABINET	O.C.	ON CENTER
CAB.	CABINET	OPNG.	OPENING
CANT.	CANTILEVER(ED)	(P)	PROPOSED
C.I.P.	CAST IN PLACE	P/C	PRECAST CONCRETE
CLG.	CEILING	PCS	PERSONAL COMMUNICATION SERVICES
CLR.	CLEAR	PLY.	PLYWOOD
COL.	COLUMN	PPC	POWER PROTECTION CABINET
CONC.	CONCRETE	PRC	PRIMARY RADIO CABINET
CONN.	CONNECTION(OR)	P.S.F.	POUNDS PER SQUARE FOOT
CONST.	CONSTRUCTION	P.S.I.	POUNDS PER SQUARE INCH
CONT.	CONTINUOUS	PT.	PRESSURE TREATED
d	PENNY (NAILS)	PWR.	POWER (CABINET)
DBL.	DOUBLE	QTY.	QUANTITY
DEPT.	DEPARTMENT	RAD.(R)	RADIUS
D.F.	DOUGLAS FIR	REF.	REFERENCE
DIA.	DIAMETER	REINF.	REINFORCEMENT(ING)
DIAG.	DIAGONAL	REQ'D/	REQUIRED
DIM.	DIMENSION	RGS.	RIGID GALVANIZED STEEL
DNG.	DRAWING(S)	SCH.	SCHEDULE
DWL.	DOWEL(S)	SHT.	SHEET
EA.	EACH	SIM.	SIMILAR
EL.	ELEVATION	SPEC.	SPECIFICATIONS
ELEC.	ELECTRICAL	SQ.	SQUARE
ELEV.	ELEVATION	S.S.	STAINLESS STEEL
EMT.	ELECTRICAL METALLIC TUBING	STD.	STANDARD
E.N.	EDGE NAIL	STL.	STEEL
ENG.	ENGINEER	STRUC.	STRUCTURAL
EQ.	EQUAL	TEMP.	TEMPORARY
EXP.	EXPANSION	THK.	THICK(NESS)
EXIST.(E)	EXISTING	T.N.	TOE NAIL
EXT.	EXTERIOR	T.O.A.	TOP OF ANTENNA
(F)	FUTURE	T.O.C.	TOP OF CURB
FAB.	FABRICATION(OR)	T.O.F.	TOP OF FOUNDATION
F.F.	FINISH FLOOR	T.O.P.	TOP OF PLATE (PARAPET)
F.G.	FINISH GRADE	T.O.S.	TOP OF STEEL
FIN.	FINISH(ED)	T.O.W.	TOP OF WALL
FLR.	FLOOR	TYP.	TYPICAL
FDN.	FOUNDATION	U.G.	UNDER GROUND
F.O.C.	FACE OF CONCRETE	U.L.	UNDERWRITERS LABORATORY
F.O.M.	FACE OF MASONRY	U.N.O.	UNLESS NOTED OTHERWISE
F.O.S.	FACE OF STUD	V.I.F.	VERIFY IN FIELD
F.O.W.	FACE OF WALL	W	WIDE (WIDTH)
F.S.	FINISH SURFACE	W/	WITH
FT.(')	FOOT (FEET)	WD.	WOOD
FTG.	FOOTING	W.P.	WEATHERPROOF
G.	GROWTH (CABINET)	WT.	WEIGHT
GA.	GAUGE	C	CENTERLINE
GL.	GALVANIZE(D)	P	PLATE, PROPERTY LINE
G.F.I.	GROUND FAULT CIRCUIT INTERRUPTER		
GLU. (GLU-LAM)	GLUE LAMINATED BEAM		
GPS	GLOBAL POSITIONING SYSTEM		
GRND.	GROUND		
HDR.	HEADER		
HGR.	HANGER		

SYMBOLS LEGEND

- ELDG. SECTION / ROAD SECTION
- WALL SECTION
- DETAIL
- ELEVATION
- DOOR SYMBOL
- WINDOW SYMBOL
- TILT-UP PANEL MARK
- PROPERTY LINE
- CENTERLINE
- ELEVATION DATUM
- GRID/COLUMN LINE
- KEYNOTE, DIMENSION ITEM
- KEYNOTE, CONSTRUCTION ITEM
- WALL TYPE MARK
- ROOM NAME / ROOM NUMBER

- GROUT OR PLASTER
- (E) BRICK
- (E) MASONRY
- CONCRETE
- EARTH
- GRAVEL
- PLYWOOD
- SAND
- PLYWOOD
- SAND
- (E) STEEL
- MATCH LINE
- GROUND CONDUCTOR
- OH — OVERHEAD SERVICE CONDUCTORS
- TELCO — TELEPHONE CONDUIT
- POWER — POWER CONDUIT
- P/T — POWER/TELCO CONDUIT
- COAX — COAXIAL CABLE
- HYBRID — HYBRID CABLE
- CHAIN LINK FENCE
- WOOD FENCE
- EXISTING FLOW LINE
- NEW FLOW LINE
- FIBER ROLL
- SILT FENCE

- (P) ANTENNA
- (P) RRU
- (P) DC SURGE SUPPRESSION
- (F) ANTENNA
- (F) RRU
- (E) EQUIPMENT

Issued For:

AUBURN LAKE TRAILS

2125 CRAMER CT.

COOL, CA 95614

PREPARED FOR

at&t

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

EPIC WIRELESS GROUP

AT&T SITE NO:	CVL00887
PROJECT NO:	13787685
DRAWN BY:	CES
CHECKED BY:	CES

D	09/09/13	ZONING
C	05/31/13	ZONING
B	03/15/13	ZONING

Licensor:

CRAIG M. HORNER — No. 84674 — CIVIL — STATE OF CALIFORNIA

Engineer:

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

SHEET TITLE:

GENERAL NOTES

SHEET NUMBER:

GN-1

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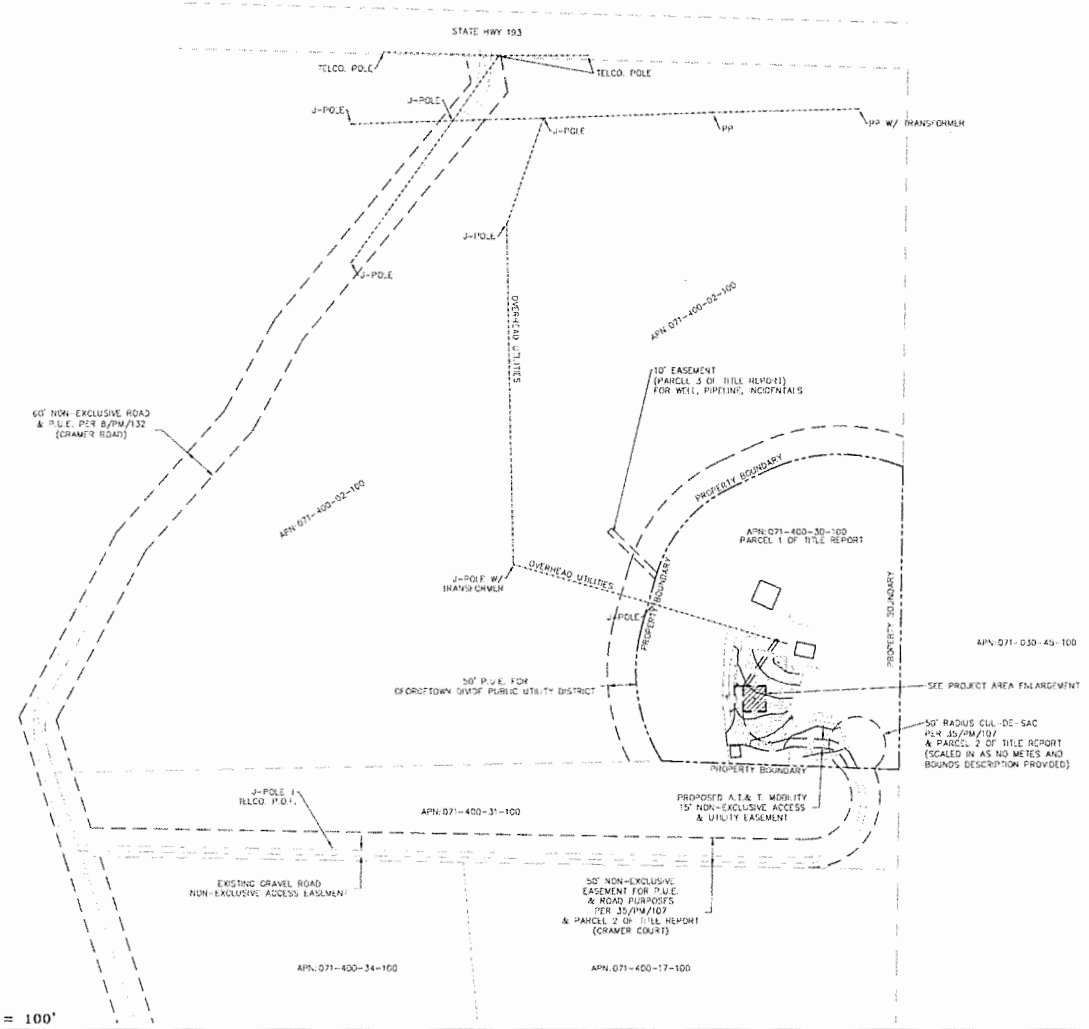
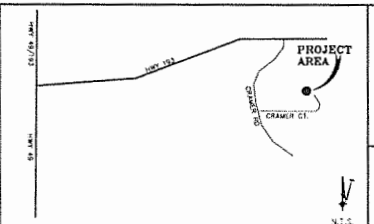
BOUNDARY SHOWN IS BASED ON MONUMENTATION FOUND AND RECORD INFORMATION. THIS IS NOT A BOUNDARY SURVEY. THIS IS A SPECIALIZED TOPOGRAPHIC MAP WITH PROPERTY LINES AND EASEMENTS BEING A GRAPHIC DEPICTION BASED ON INFORMATION GATHERED FROM VARIOUS SOURCES OF RECORD AND AVAILABLE MONUMENTATION FOUND DURING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



SCALE 1" = 100'

OVERALL SITE PLAN



COOL, CA

VICINITY MAP

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

A.T.& T. Mobility

Project No./Name: CVL00887 / AUBURN LAKE TRAILS

Project Site Location: 2125 Cramer Ct
Cool, CA 95614
El Dorado County

Date of Observation: 08-31-17

Equipment/Procedure Used to Obtain Coordinates: Trimble Pathfinder Pro XL post processed with Pathfinder Office software.

Type of Antenna Mount: Proposed Monopine Tower

Coordinates (Tower)
Latitude: N 38° 53' 43.62" (NAD83) N 38° 53' 43.98" (NAD27)
Longitude: W 120° 58' 51.04" (NAD83) W 120° 58' 47.25" (NAD27)

ELEVATION of Ground at Structure (NAVD88) 1719' AMSL

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

Kenneth D. Geil California RCE 14803

Lease Area Description

All that certain lease area being a portion of that certain Parcel "A" as is shown on that certain Parcel Map filed for record at Book 35 of Parcel Maps, Page 107, El Dorado County Records, located in the County of El Dorado, State of California, and being a portion of Section 16, Township 12 N., Range 9 E., M.D.B.& M. and being more particularly described as follows:

Beginning at a point from which a 1-1/2" O.I.P. "L.S.3012" set for the Southeast corner of Parcel "B" of the above referenced Parcel Map bears South 39°50'51" East 351.45 feet; thence from said True Point of Beginning North 45.00 feet; thence West 40.00 feet; thence South 45.00 feet; thence East 40.00 feet to the point of beginning.

Together with a non-exclusive easement for access and utility purposes fifteen feet in width the centerline of which is described as follows: beginning at a point which bears West 7.50 feet from the Northwest corner of the above described lease area and running thence South 49.60 feet; thence through a tangent curve to the left having a radius of 57.50 feet and running through a curve length of 108.32 feet; thence tangent to the previous curve North 72°03'57" East 8.54 feet; thence through a tangent curve to the right having a radius of 52.00 feet and running through a curve length of 18.23 feet; thence tangent to the previous curve South 87°02'20" East 49.69 feet; thence through a tangent curve to the right having a radius of 50.00 feet and running through a curve length of 53.84 feet; thence tangent to the previous curve South 25°20'22" East 14.8 feet more or less to the Southerly boundary of the above referenced Parcel "A".

Also together with a non-exclusive easement for utility purposes six feet in width the centerline of which is described as follows: beginning at a point which bears East 3.60 feet from the Northwest corner of the above described lease area and running thence North 34°52'08" East 99.2 feet more or less to the existing utility pole.

DATE OF SURVEY: 08-31-17

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.C.S. N.A.V.D. 88 DATUM. ABOVE MEAN SEA LEVEL.

N.G.V.D. 1929 CORRECTION: SUBTRACT 2.67' FROM ELEVATIONS SHOWN.

CONTOUR INTERVAL: 1'

CONTRACTOR IS RESPONSIBLE TO VERIFY LEASE AREA PRIOR TO CONSTRUCTION.

ASSESSOR'S PARCEL NUMBER: 071-400-30-100

OWNER(S): RICHARD & LINDA MITCHAM
2125 CRAMER CT.
COOL, CA 95614

DEPT	APPROVED	DATE
AEC		
RE		
RF		
RVI		
EE/VN		
GCS		
SS/DAT		

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

Surveyed

Architect

at&t MOBILITY

CVL00887 AUBURN
LAKE TRAILS
2125 CRAMER CT.
COOL, CA 95614
PLOT PLAN AND
SITE TOPOGRAPHY

REVISIONS		
REV	08-31-17	PRELIMINARY DRAWING
REV	09-29-17	LEASE AREA MOD.
REV	10-20-17	REVISIONS
REV		
REV		

Sheet

C-1

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.

APN:071-400-02-100

PROPERTY BOUNDARY

N-POLE

OVERHEAD UTILITIES

HOUSE
TOP=1755'

N-POLE W/ TRANSFORMER

GUY

GRAVEL DRIVEWAY

BARN
TOP=1747.5'

PROPOSED A.T.& T. MOBILITY
6' NON-EXCLUSIVE
UTILITY EASEMENT

APN:071-400-30-100

FENCE LINE (TYP.)

50' P.U.E. FOR
GEORGETOWN DIVIDE PUBLIC UTILITY DISTRICT

TOP PINE=1745'

SPRINKLER

SPIGOT

SPIGOT

10.00'

ALMOND TREE

PROPOSED MONOPINE LOCATION

15.00'

TOP PINE=1752'

PROPOSED A.T.& T. MOBILITY
15' NON-EXCLUSIVE ACCESS
& UTILITY EASEMENT

ALMOND TREE

GATE

PROPOSED A.T.& T. MOBILITY
LEASE AREA

EDGE GRAVEL

50' RADIUS CUL-DE-SAC
PER 35/PM/107
(SCALED IN AS NO METES AND
BOUNDS DESCRIPTION PROVIDED)

TOP PINE=1747'

PROPOSED TURN-AROUND AREA

GATE

GATE

CARPORT
TOP=1722.4'

PROPERTY BOUNDARY

PROPOSED A.T.& T. MOBILITY
15' NON-EXCLUSIVE ACCESS
& UTILITY EASEMENT

APN:071-400-31-100

APN:071-030-45-100

EXISTING GRAVEL ROAD
NON-EXCLUSIVE ACCESS EASEMENT

SCALE 1" = 20'

0 10 20 40 60

LEASE AREA ENLARGEMENT

DEPT	APPROVED	DATE
AMC		
RE		
RF		
BIT		
FELLN		
GPS		
EE/DAT		

Surveyor

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ASHLAND, CALIFORNIA 96520
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2125 CRAMER CT.
COOL, CA 95614
PLOT PLAN AND
SITE TOPOGRAPHY

Sheet
C-2

BEST MANAGEMENT PRACTICES "BMP" TABLE

BEST MANAGEMENT PRACTICES	LOCATION	SCHEDULE IMPLEMENTATION	MAINTENANCE SCHEDULE
PRESERVING EXISTING VEGETATION	AROUND PERIMETER OF PROJECT SITE	CONTINUOUS UNTIL CONSTRUCTION IS COMPLETED	EDUCATE EMPLOYEES AND SUBCONTRACTORS REGARDING IMPORTANCE OF MAINTAINING EXISTING VEGETATION TO PREVENT EROSION AND FILTER OUT SEDIMENT IN RUNOFF FROM DISTURBED AREAS ON THE CONSTRUCTION SITE. INSPECT SITE PERIMETER MONTHLY TO VERIFY THE OUTSIDE VEGETATION IS NOT DISTURBED.
PROTECT GRADED AREAS AND SLOPES FROM WASHOUT AND EROSION	THROUGHOUT PROJECT SITE	CONTINUOUS	INSPECT GRADED AREAS AND SLOPES ON AT LEAST A MONTHLY BASIS TO CHECK FOR EROSION. THE GRADE TRIBUTARY AREAS OR INSTALL SAND DIKES AS NECESSARY TO PREVENT EROSION.
GRAVEL FILTER	ALONG FLOW LINES OF UNPAVED ROADWAYS WITHIN SITE	IN PLACE CONTINUOUSLY UNTIL ROADWAYS ARE PAVED	INSPECT AFTER EACH STORM. REMOVE ONSITE SEDIMENT DEPOSITED BEHIND BERM OR BARRIER TO MAINTAIN EFFECTIVENESS.
BAG INLET FILTER	INLETS TO THE STORM DRAINAGE SYSTEM	CONTINUOUS UNTIL LANDSCAPING IS IN PLACE	INSPECT WEEKLY AND AFTER EACH STORM. REMOVE SEDIMENT AND DEBRIS BEFORE ACCUMULATION HAVE REACHED ONE THIRD THE DEPTH OF THE BAG. REPAIR OR REPLACE INLET FILTER BAG AS SOON AS DAMAGE OCCURS.
FIBER ROLLS	SEE NOTE 3 OF EROSION & CONTROL NOTES	CONTINUOUS	INSPECT AFTER EACH STORM. REMOVE SEDIMENT DEPOSITED BEHIND FIBER ROLLS WHENEVER NECESSARY TO MAINTAIN EFFECTIVENESS.
HYDROSEEDING	3:1 SLOPES	IN PLACE DURING BY SEPT. 15	INSPECT SLOPES ON AT LEAST A MONTHLY BASIS TO CHECK FOR EROSION. IF EROSION IS NOTED, SPREAD STRAW MULCH OVER AFFECTED AREAS.
STABILIZED CONSTRUCTION ENTRANCE	ENTRANCES TO SITE FROM PUBLIC ROADWAYS	CONTINUOUS, UNTIL ENTRANCES AND ONSITE ROADWAYS ARE PAVED	INSPECT ON A MONTHLY BASIS AND AFTER EACH RAINFALL. ADD AGGREGATE BASE MATERIAL WHENEVER NECESSARY TO PREVENT SEDIMENT FROM BEING TRACKED INTO PUBLIC STREET.
WIND EROSION CONTROL PRACTICES	WHEREVER NECESSARY THROUGHOUT PROJECT SITE	CONTINUOUS UNTIL GRADING IS COMPLETED AND SOILS HAVE STABILIZED	INSPECT SITE DURING WINDY CONDITIONS TO IDENTIFY AREAS WHERE WIND AND EROSION IS OCCURRING AND ABATE EROSION AS NECESSARY.
GOOD HOUSEKEEPING MEASURES	THROUGHOUT PROJECT SITE	CONTINUOUS UNTIL CONSTRUCTION IS COMPLETED	INSPECT SITE ON AT LEAST A MONTHLY BASIS TO VERIFY GOOD HOUSEKEEPING PRACTICES ARE BEING IMPLEMENTED.
PROPER CONSTRUCTION MATERIAL STORAGE	DESIGNATED AREA	CONTINUOUS UNTIL CONSTRUCTION IS COMPLETED	INSPECT SITE ON AT LEAST A WEEKLY BASIS TO VERIFY THAT CONSTRUCTION MATERIALS ARE STORED IN A MANNER WHICH COULD NOT CAUSE STORM WATER POLLUTION.
PROPER CONSTRUCTION WASTE STORAGE AND DISPOSAL INCLUDING	DESIGNATED COLLECTION AREA AND CONTAINERS	CONTINUOUS UNTIL CONSTRUCTION IS COMPLETED	INSPECT SITE ON AT LEAST A WEEKLY BASIS TO ASSURE WASTE IS STORED PROPERLY AND DISPOSED OF AT LEGAL DISPOSAL SITE, DAILY.
CONCRETE SPILL CLEANUP PAINT & PAINTING SUPPLIES	MATERIAL HANDLING AREAS	IMMEDIATELY AT TIME OF SPILL	INSPECT MATERIAL HANDLING AREAS ON AT LEAST A MONTHLY BASIS TO VERIFY PROPER SPILL CLEANUP.
VEHICLE FUELING, MAINTENANCE & CLEANING	DESIGNATED AREA WITH SECONDARY CONTAINMENT	CONTINUOUS	KEEP AMPLE SUPPLIES OF SPILL CLEANUP MATERIALS ON SITE & INSPECT ON REGULAR SCHEDULE.
STREET AND STORM DRAINAGE FACILITY MAINTENANCE DEFINITIONS	STREETS AND STORM DRAINAGE FACILITIES	CONTINUOUS UNTIL CONSTRUCTION IS COMPLETED	MAINTAIN STORM DRAINAGE FACILITIES AND PAVED STREETS CLEAR OF SEDIMENT AND DEBRIS.

1. WET SEASON: ENTIRE PERIOD BETWEEN OCTOBER 1 THROUGH APRIL 30. CONTRACTOR SHALL ALSO IMPLEMENT WET SEASON MEASURES IF WET WEATHER IS EXPECTED DURING THE DRY SEASON
2. PHASES OF GRADING

INITIAL: WHEN CLEARING AND GRUBBING ACTIVITIES OCCUR.
ROUGH: WHEN CUT AND FILL ACTIVITIES OCCUR AND THE SITE IMPROVEMENTS ARE CONSTRUCTED, INCLUDING UNDERGROUND PIPING, STREETS, SIDEWALKS, AND OTHER IMPROVEMENTS.
WHEN FINAL ELEVATION IS SET, AND SITE IMPROVEMENTS ARE COMPLETED AND READY FOR CITY ACCEPTANCE.

FIBER ROLL NOTES:

1. REPAIR OR REPLACE SPLIT, TORN UNRAVELING OR SLUMPING FIBER ROLLS. FIBER ROLLS TO BE STAKED 4' O.C. PARALLEL TO (E) CONTOURS.
2. 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 FOR DURING THE NON-RAINY SEASON.
3. 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.
4. FILTER BARRIER SHALL BE CONSTRUCTED LONG ENOUGH TO EXTEND ACROSS THE EXPECTED FLOW PATH AND AS APPROVED BY THE LANDSCAPE INSPECTOR.

CONSTRUCTION EROSION/SEDIMENTATION CONTROL PLAN NOTES:

1. THE CONTRACTOR SHALL FOLLOW TYPICAL GUIDELINES FOR GRADING, EROSION AND SEDIMENT CONTROL FOR THE MEASURES SHOWN OR STATED ON THESE PLANS.
2. CONTRACTOR MUST ENSURE THAT THE CONSTRUCTION SITE IS PREPARED PRIOR TO THE ONSET OF ANY STORM. CONTRACTOR SHALL HAVE ALL EROSION AND SEDIMENT CONTROL MEASURES IN PLACE FOR THE WINTER MONTHS PRIOR TO OCTOBER 1.
3. ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE MAINTAINED UNTIL DISTURBED AREAS ARE STABILIZED. CHANGES TO THIS EROSION AND SEDIMENT CONTROL PLAN SHALL BE MADE TO MEET FIELD CONDITIONS ONLY WITH THE APPROVAL OF OR AT THE DIRECTION OF A REPRESENTATIVE OF THE DEPARTMENT OF UTILITIES.
4. THIS PLAN MAY NOT COVER ALL THE SITUATIONS THAT ARISE DURING CONSTRUCTION DUE TO UNANTICIPATED FIELD CONDITIONS. VARIATIONS MAY BE MADE TO THE PLAN IN THE FIELD SUBJECT TO THE APPROVAL OF OR AT THE DIRECTION OF A REPRESENTATIVE OF THE DEPARTMENT OF UTILITIES.
5. ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE CHECKED BEFORE DURING AND AFTER ALL STORMS TO ENSURE MEASURES ARE FUNCTIONING PROPERLY. REFER TO CURRENT VERSION OF STORMWATER "BMP" MANUAL FOR SPECIFIC SCHEDULE PER SITE CONDITIONS.
6. CONTRACTOR SHALL MAINTAIN A LOG AT THE SITE OF ALL INSPECTIONS OR MAINTENANCE OF BMPS, AS WELL AS, ANY CORRECTIVE CHANGES TO THE BMPS OR EROSION AND SEDIMENT CONTROL PLAN.
7. IN AREAS WHERE SOIL IS EXPOSED, PROMPT REPLANTING WITH NATIVE COMPATIBLE, DROUGHT-RESISTANT VEGETATION SHALL BE PERFORMED. NO AREAS WILL BE LEFT EXPOSED OVER THE WINTER SEASON.
8. THE CONTRACTOR SHALL INSTALL A STABILIZED CONSTRUCTION ENTRANCE PRIOR TO COMMENCEMENT OF CONSTRUCTION WHEN APPLICABLE FOR SITES NOT ACCESSIBLE BY COMMERCIALLY PREPARED ACCESSES. LOCATION OF THE ENTRANCE MAY BE ADJUSTED BY THE CONTRACTOR TO FACILITATE CONSTRUCTION OPERATIONS. ALL CONSTRUCTION TRAFFIC ENTERING THE PAVED ROAD MUST CROSS THE STABILIZED CONSTRUCTION ENTRANCE. THE STABILIZED CONSTRUCTION ENTRANCE (WHEN APPLICABLE) SHALL REMAIN IN PLACE UNTIL THE CONSTRUCTION IS COMPLETE.
9. ALL SEDIMENT DEPOSITED ON PAVED ROADWAYS SHALL BE SWEPT AT THE END OF EACH WORKING DAY OR AS NECESSARY.
10. CONTRACTOR SHALL PLACE GRAVEL BAGS AROUND ALL NEW DRAINAGE STRUCTURE OPENINGS IMMEDIATELY AFTER THE STRUCTURE OPENING IS CONSTRUCTED. THESE GRAVEL BAGS SHALL BE MAINTAINED AND REMAIN IN PLACE UNTIL CONSTRUCTION IS COMPLETED.
11. THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION THAT WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHT-OF-WAYS. THIS MAY REQUIRE TOP DRESSING, REPAIR AND/OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT.
12. WHEN NECESSARY, WHEELS SHALL BE CLEANED PRIOR TO ENTRANCE ONTO PUBLIC RIGHT-OF-WAY.
13. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH CRUSHED STONE THAT DRAINS INTO AN APPROVED SEDIMENT TRAP OR SEDIMENT BASIN.
14. CONTRACTOR SHALL IMPLEMENT HOUSEKEEPING PRACTICES AS FOLLOWS:

A. SOLID WASTE MANAGEMENT:
PROVIDE DESIGNATED WASTE COLLECTION AREAS AND CONTAINERS. ARRANGE FOR REGULAR REMOVAL AND DISPOSAL. CLEAR SITE OF TRASH INCLUDING ORGANIC DEBRIS, PACKAGING MATERIALS, SCRAP OR SURPLUS BUILDING MATERIALS AND DOMESTIC WASTE DAILY.

B. MATERIAL DELIVERY AND STORAGE:
PROVIDE A DESIGNATED MATERIAL STORAGE AREA WITH SECONDARY CONTAINMENT SUCH AS BERMING. STORE MATERIAL ON PALLETS AND PROVIDE COVERING FOR SOLUBLE MATERIALS. RELOCATE STORAGE AREA INTO BUILDING SHELL WHEN POSSIBLE. INSPECT AREA DAILY

C. CONCRETE WASTE:
PROVIDE A DESIGNATED AREA FOR A TEMPORARY PIT TO BE USED FOR CONCRETE TRUCK WASH-OUT. DISPOSE OF HARDENED CONCRETE OFFSITE. AT NO TIME SHALL A CONCRETE TRUCK DUMP ITS WASTE AND CLEAN ITS TRUCK INTO THE CITY STORM DRAINS VIA CURB AND GUTTER. INSPECT DAILY TO CONTROL RUNOFF, AND WEEKLY FOR REMOVAL OF HARDENED CONCRETE.

D. PAINT AND PAINTING SUPPLIES:
PROVIDE INSTRUCTION TO EMPLOYEES AND SUBCONTRACTORS REGARDING REDUCTION OF POLLUTANTS INCLUDING MATERIAL STORAGE, USE, AND CLEAN UP. INSPECT SITE DAILY FOR EVIDENCE OF IMPROPER DISPOSAL.

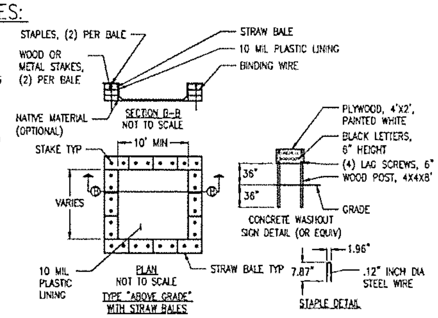
E. VEHICLE FUELING, MAINTENANCE AND CLEANING:
PROVIDE A DESIGNATED FUELING AREA WITH SECONDARY CONTAINMENT SUCH AS BERMING. DO NOT ALLOW MOBILE FUELING OF EQUIPMENT. PROVIDE EQUIPMENT WITH DRIP PANS. RESTRICT ONSITE MAINTENANCE AND CLEANING OF EQUIPMENT TO A MINIMUM. INSPECT AREA DAILY.

F. HAZARDOUS WASTE MANAGEMENT:
PREVENT THE DISCHARGE OF POLLUTANTS FROM HAZARDOUS WASTES TO THE DRAINAGE SYSTEM THROUGH PROPER MATERIAL USE, WASTE DISPOSAL AND TRAINING OF EMPLOYEES. HAZARDOUS WASTE PRODUCTS COMMONLY FOUND ON-SITE INCLUDE BUT ARE NOT LIMITED TO PAINTS & SOLVENTS, PETROLEUM PRODUCTS, FERTILIZERS, HERBICIDES & PESTICIDES, SOIL STABILIZATION PRODUCTS, ASPHALT PRODUCTS AND CONCRETE CURING PRODUCTS.

15. USE "BMP'S" AT ALL PHASES OF CONSTRUCTION.
16. GRAVEL BAGS WITH FIBER ROLLS/ SILT BARRIER 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.
17. ANY AN 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.
18. 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 WASHOUT SHALL BE ONSITE AT ALL TIMES. CONTRACTOR TO FIELD VERIFY LOCATION, AND BEST METHOD TO PREVENT SPILLS AND DISCHARGE OF CONCRETE/ WATER CONTAMINANTS.
19. CONTRACTOR TO FIELD IDENTIFY "BMP'S (BEST MANAGEMENT PRACTICES) PER SITE CONDITIONS. AND REFER TO CURRENT VERSION OF STORMWATER "BMP" MANUAL FOR SPECIFIC SCHEDULES OR DETAILS NOT SPECIFIED IN THIS PLAN.

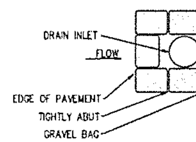
STORM WATER QUALITY NOTES:

1. CONTRACTOR SHALL PROVIDE DRAIN INLET PROTECTION FOR ALL CATCH BASINS LOCATED IN THE VICINITY OF WORK. THIS INCLUDES ANY CATCH BASINS IN THE PUBLIC RIGHT-OF-WAY, AS WELL AS ANY ON-SITE CATCH BASINS ON PRIVATE PROPERTY.
2. CONTRACTOR SHALL INSTALL A STABILIZED CONSTRUCTION ENTRANCE/EGRESS FROM PROJECT SITE TO PREVENT TRACK-OUT OF SEDIMENT ONTO THE PUBLIC RIGHT-OF WAY FROM CONSTRUCTION VEHICLES.
3. CONTRACTOR SHALL ENSURE THAT CONSTRUCTION ACTIVITIES DO NOT DEPOSIT SEDIMENT ONTO THE PUBLIC ROADWAY, SIDEWALKS AND GUTTERS. ALL SEDIMENT AND CONSTRUCTION DEBRIS MUST BE REMOVED BY THE END OF EACH WORKING DAY.
4. CONTRACTOR SHALL USE STREET SWEEPING OR OTHER DRY SWEEPING METHOD, AS NECESSARY, TO REMOVE CONSTRUCTION OR DEMOLITION-RELATED SEDIMENT FROM PUBLIC SIDEWALKS, GUTTERS AND ROADWAY.
5. CONTRACTOR SHALL SCHEDULE WORK FOR DRY-WEATHER DAYS WHEN NO RAIN IS IN THE IMMEDIATE FORECAST.
6. CONTRACTOR SHALL INSTALL AN APPROVED WASH-OUT STRUCTURE AT THE CONSTRUCTION SITE. ALL CONCRETE, PAINT, STUCCO AND OTHER LIQUIDS WILL BE WASHED OUT IN THIS AREA.
7. CONTRACTOR SHALL PROVIDE DUST CONTROL TO PREVENT THE NUISANCE OF BLOWING DUST WITHOUT CAUSING SEDIMENT, DEBRIS, OR LITTER TO ENTER THE ANY STORM DRAIN SYSTEM.
8. CONTRACTOR SHALL INSTALL ANY OTHER BMPS AS NECESSARY TO CONTROL THE DISCHARGE OF POLLUTANTS FROM THE PROJECT SITE.
9. THE CONTRACTOR SHALL BE RESPONSIBLE FOR IMPLEMENTATION AND ADHERENCE TO THE LOCAL REQUIREMENTS.

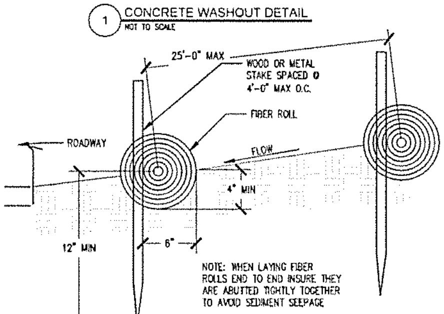


NOTES:
1. ACTUAL LAYOUT DETERMINED IN THE FIELD.
2. THE CONCRETE WASHOUT SIGN SHALL BE INSTALLED WITHIN 32' OF THE TEMPORARY CONCRETE WASHOUT FACILITY.

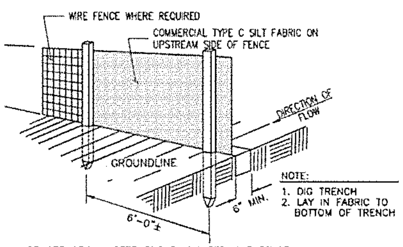
1 CONCRETE WASHOUT DETAIL
NOT TO SCALE



2 DRAIN INLET DETAIL
NOT TO SCALE



3 FIBER ROLL DETAIL
NOT TO SCALE



CONSTRUCTION NOTES FOR FABRICATED SILT FENCE

1. WOVEN WIRE FENCE TO BE FASTENED SECURELY TO FENCE POSTS WITH WIRE TIES OR STAPLES.
2. FILTER CLOTH TO BE FASTENED SECURELY TO WOVEN WIRE FENCE WITH TIES SPACED EVERY 24" AT TOP AND MID SECTION.
3. WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER THEY SHALL BE OVER-LAPPED BY SIX INCHES AND FOLDED.
4. MAINTENANCE SHALL BE PERFORMED AS NEEDED AND MATERIAL REMOVED WHEN "BULDGES" DEVELOP IN THE SILT FENCE.

POSTS: STEEL EITHER T OR U TYPE OR 4" HARDWOOD. MINIMUM LENGTH - 5 FEET

FENCE: WOVEN WIRE, 14 GA. 6" MAX. MESH OPENING. AS DIRECTED BY MARYLAND DCR

FILTER CLOTH: FILTER X, MIRAFI 100X' STABILINKA T140N OR APPROVED EQUAL.

PREFABRICATED UNIT: GEOFAB, ENVIROFENCE OR APPROVED EQUAL.

4 TYPE C SILT FENCE DETAIL
NOT TO SCALE

Issued For:
AUBURN LAKE TRAILS
2125 CRAMER CT.
COOL, CA 95614

PREPARED FOR
at&t
2600 Camino Ramon, 4W850N
San Ramon, California 94583

EPIC WIRELESS GROUP

AT&T SITE NO:	CVL00887
PROJECT NO:	13787685
DRAWN BY:	CES
CHECKED BY:	CES

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

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

SHEET TITLE:
EROSION CONTROL NOTES

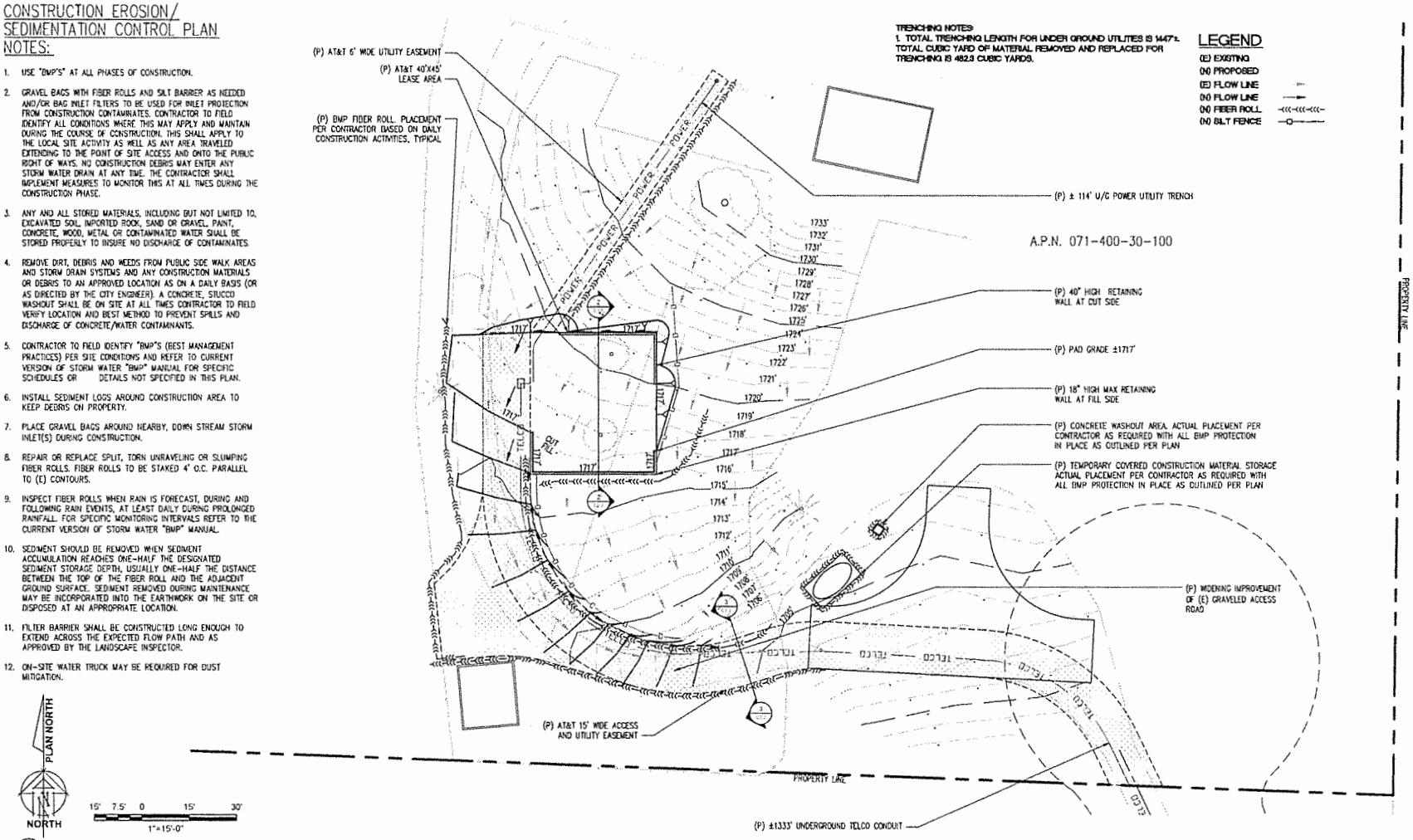
SHEET NUMBER:
C-2.1

CONSTRUCTION EROSION/ SEDIMENTATION CONTROL PLAN NOTES:

1. USE "BMP'S" AT ALL PHASES OF CONSTRUCTION.
2. 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.
3. 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.
4. 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.
5. 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.
6. INSTALL SEDIMENT LOGS AROUND CONSTRUCTION AREA TO KEEP DEBRIS ON PROPERTY.
7. PLACE GRAVEL BAGS AROUND NEARBY, DOWN STREAM STORM INLET(S) DURING CONSTRUCTION.
8. REPAIR OR REPLACE SPLIT, TORN UNRAVELING OR SLUMPING FIBER ROLLS. FIBER ROLLS TO BE STAKED 4' O.C. PARALLEL TO (E) CONTOURS.
9. 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.
10. 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.
11. FILTER BARRIER SHALL BE CONSTRUCTED LONG ENOUGH TO EXTEND ACROSS THE EXPECTED FLOW PATH AND AS APPROVED BY THE LANDSCAPE INSPECTOR.
12. ON-SITE WATER TRUCK MAY BE REQUIRED FOR DUST MITIGATION.

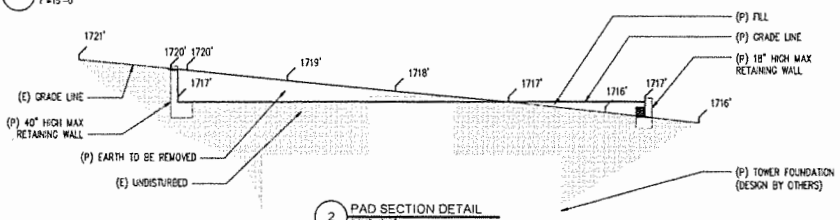
TRENCHING NOTES:
1. TOTAL TRENCHING LENGTH FOR UNDER GROUND UTILITIES IS 1447'±. TOTAL CUBIC YARD OF MATERIAL REMOVED AND REPLACED FOR TRENCHING IS 482.3 CUBIC YARDS.

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

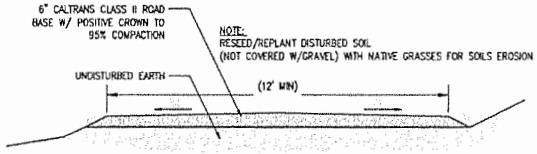


1 GRADING PLAN
1"=15'-0"

SITE TYPE: MONOPINE/WALK IN EQUIPMENT CABINET



2 PAD SECTION DETAIL
3/16"=1'-0"



3 ACCESS ROAD DETAIL
NOT TO SCALE

Issued For:
AUBURN LAKE TRAILS
2125 CRAMER CT.
COOL, CA 95614

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

EPIC WIRELESS GROUP

AT&T SITE NO:	CVL00887
PROJECT NO:	13787685
DRAWN BY:	CES
CHECKED BY:	CES

NO.	DATE	DESCRIPTION
0	10/31/17	ZD/CD
1	12/21/17	ZD/CD
2	02/15/17	ZD/CD

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

I DECLARE UNDER PENALTY OF LAW THAT ALL PERSONS IDENTIFIED AS AUTHORS UNDER THIS CERTIFICATION ARE ACCEPTED PROFESSIONAL REPRESENTATIVES FOR THIS PLANS DOCUMENT

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

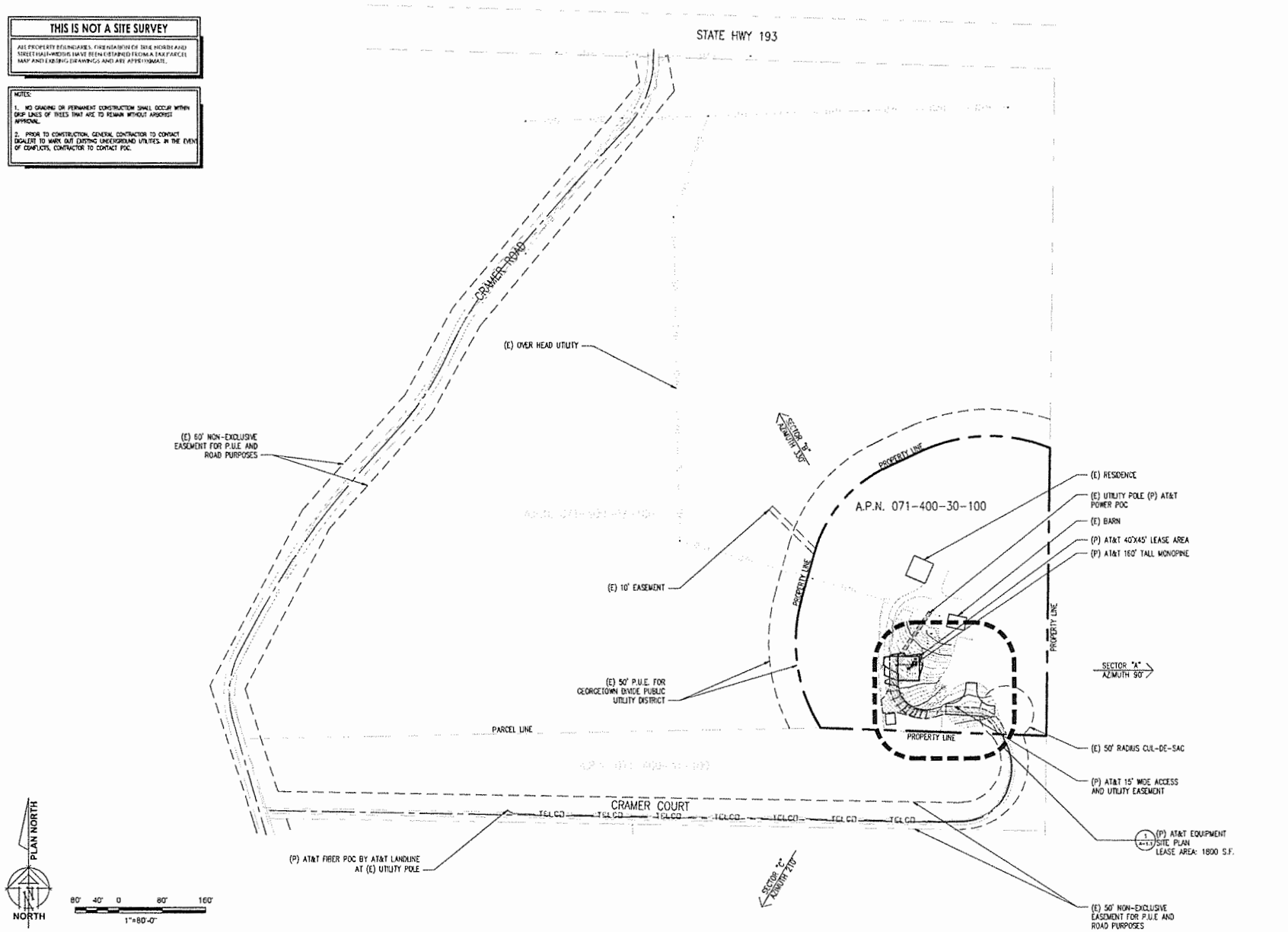
SHEET NUMBER:
C-2.2

THIS IS NOT A SITE SURVEY

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

NOTES:

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



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

SITE TYPE: MONOPINE/WALK IN EQUIPMENT CABINET

Issued For:

AUBURN LAKE TRAILS

2125 CRAMER CT.

COOL, CA 95614

PREPARED FOR

at&t

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

EPIC WIRELESS GROUP

AT&T SITE NO:	CVL00887
PROJECT NO:	13787685
DRAWN BY:	CES
CHECKED BY:	CES

REV	DATE	DESCRIPTION
0	09/19/17	ZD-SUB
1	10/02/17	ZD-SUB
2	10/11/17	ZD-SUB

Licensor:

REGISTERED PROFESSIONAL ENGINEER CRAIG W. HORNER No. 84674 CIVIL STATE OF CALIFORNIA

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:

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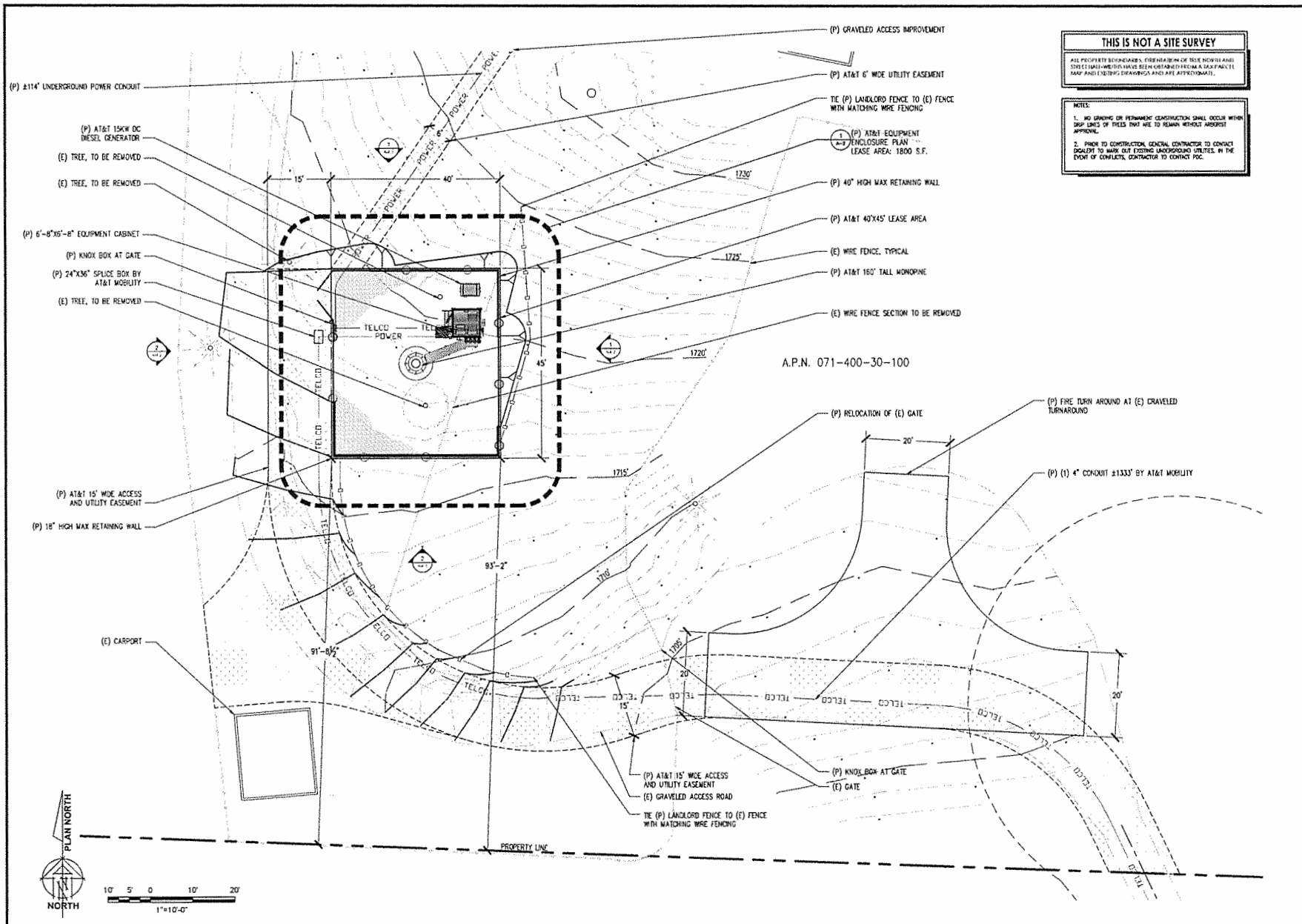
craigmhorner@yahoo.com

SHEET TITLE:

OVERALL SITE PLAN

SHEET NUMBER:

A-1



THIS IS NOT A SITE SURVEY

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NOTES:

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2. PRIOR TO CONSTRUCTION, GENERAL CONTRACTOR TO CONTACT DIGALERT TO MARK OUT EXISTING UNDERGROUND UTILITIES. IN THE EVENT OF CONFLICTS, CONTRACTOR TO CONTACT POC.

SITE TYPE: MONOPINE/WALK IN EQUIPMENT CABINET

Issued For:

AUBURN LAKE TRAILS

2125 CRAMER CT.

COOL, CA 95614

PREPARED FOR

at&t

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

EPIC WIRELESS GROUP

AT&T SITE NO:	CVL00887
PROJECT NO:	13787685
DRAWN BY:	CES
CHECKED BY:	CES

REV	DATE	DESCRIPTION
C	09/19/17	ZD 75%
B	08/07/17	ZD 90%
A	07/11/17	ZD SUBS

Licensor:

REGISTERED PROFESSIONAL ENGINEER CRAIG W. HORNER No. 84674 CIVIL STATE OF CALIFORNIA

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Engineer:

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craigmhorner@yahoo.com

SHEET TITLE:

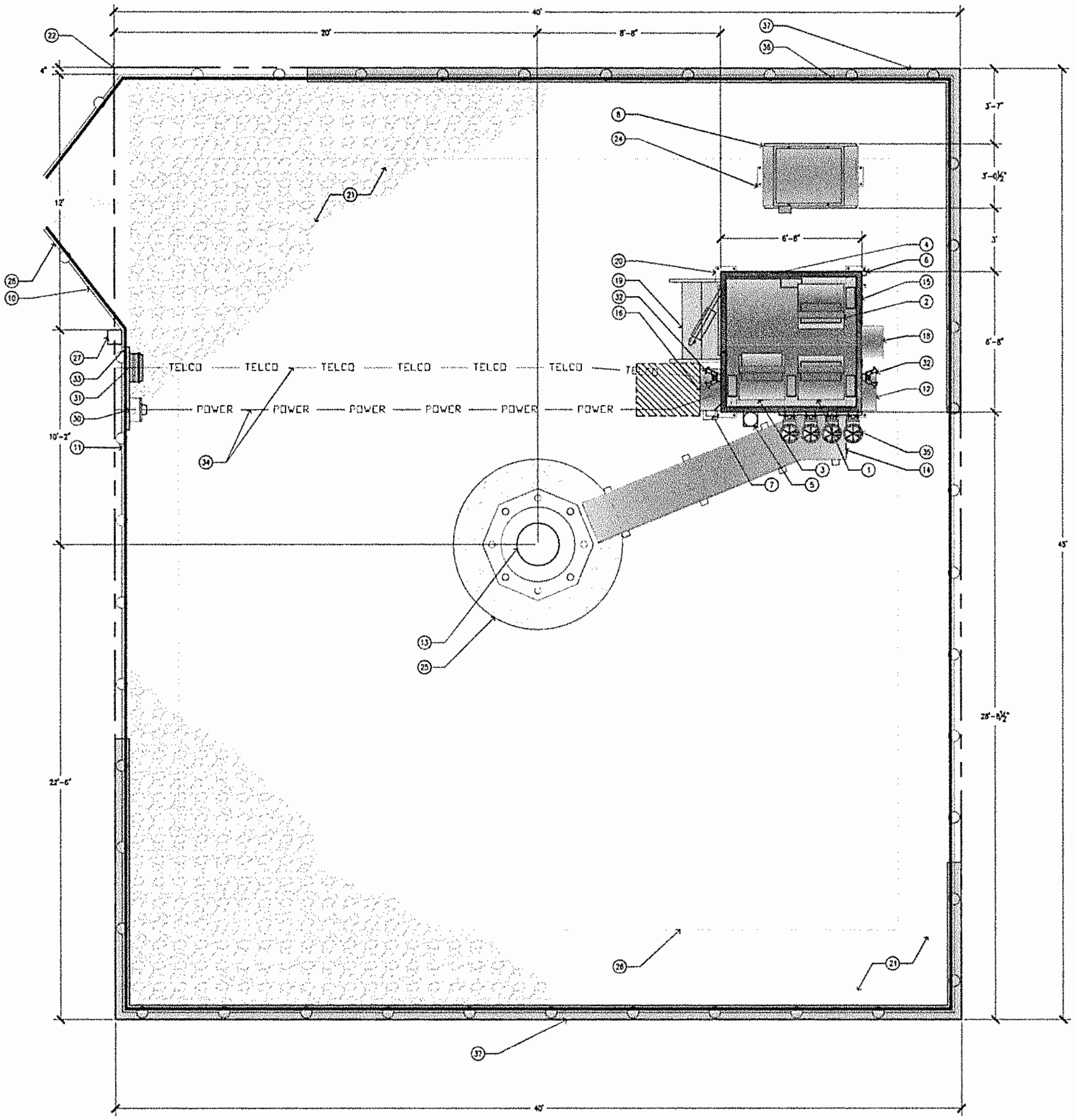
SITE PLAN

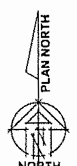
SHEET NUMBER:

A-1.1

KEYNOTES

1. (P) RF RACK #1
2. (P) RF RACK #2
3. (P) POWER PLANT RACK W/ (3) STRING OF BATTERIES
4. (P) TELCO BOARD PROVIDED WITH WALK IN EQUIPMENT CABINET
5. (P) 2A:10BC RATED FIRE EXTINGUISHER IN WEATHER RESISTANT CABINET
6. (P) GPS UNIT
7. (P) CAMLOCK GENERATOR INTERFACE
8. (P) 15KW DC DIESEL STANDBY GENERATOR
9. NOT USED
10. (P) 12'-0" WIDE ACCESS GATE
11. (P) 6'-0" CHAIN LINK FENCE W/ 3 STRAND ANTI CLIMB BARRIER
12. (P) TELCO BOX PROVIDED WITH WALK IN EQUIPMENT CABINET
13. (P) 113'-0" MONOPINE W/ 7' BRANCH CROWN TO 120' OVER ALL HEIGHT
14. (P) HEAVY DUTY CABLE TRAY W/ LID OVER CONCRETE SLEEPERS 4' O.C.
15. (P) AT&T 8'-6" x 8'-8" WALK IN EQUIPMENT CABINET
16. (P) 200A PANEL W/ MAIN DISCONNECT & MANUAL TRANSFER SWITCH
17. NOT USED
18. (P) HVAC UNIT PROVIDED WITH WALK IN EQUIPMENT CABINET
19. (P) STEPS (FINAL DESIGN PENDING)
20. (P) PRE-MANUFACTURED WALK IN EQUIPMENT CABINET PLATFORM (DESIGN BY OTHERS)
21. (P) GRAVEL BED OVER WEED BARRIER
22. (P) AT&T 40'x45' LEASE AREA
23. NOT USED
24. (P) PRE-MANUFACTURED GEN PLATFORM (DESIGN BY OTHERS)
25. (P) TOWER CAISSON (DESIGN BY OTHERS)
26. (P) N/E TOWER MAT SLAB (DESIGN BY OTHERS)
27. (P) FIRE DEPARTMENT KNOX BOX
28. (P) CARRIER CONTACT SIGNAGE AT GATE
29. NOT USED
30. (P) 200A ELECTRICAL METER/WITH MAIN DISCONNECT ON (P) H-FRAME
31. (P) CIENA CABINET BY AT&T LINEUP ON (P) H-FRAME
32. (P) SHIELDED DOWN TILT LIGHT WITH MOTION SENSOR AND AUTO SHUTOFF TIMER PROVIDED WITH WALK IN EQUIPMENT CABINET
33. (P) UTILITY H-FRAME
34. (P) UNDERGROUND UTILITY CONDUITS
35. (P) SURGE SUPPRESSORS
36. (P) BBC-13X 1.5LB PSF MIN. OR EQUIV. SOUND BLANKET AT INTERIOR SIDE OF FENCE
37. (P) RETAINING WALL





4' 2' 0 4' 8'

3/8"=1'-0"

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

SITE TYPE: MONOPINE/WALK IN EQUIPMENT CABINET

Issued For:

AUBURN LAKE TRAILS
2125 CRAMER CT.
COOL, CA 95614

PREPARED FOR

at&t

2600 Camino Ramon, 4W850N
San Ramon, California 94583

EPIC WIRELESS GROUP

AT&T SITE NO:	CVL00887
PROJECT NO:	13787685
DRAWN BY:	CES
CHECKED BY:	CES

Licensor:

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

Engineer:

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SHEET TITLE:

EQUIPMENT AREA PLAN

SHEET NUMBER:

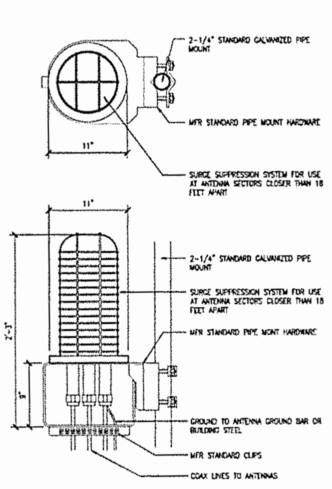
A-2

RAYCAP DC6-48-60-18-8C & DC6-48-60-0-8C 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"

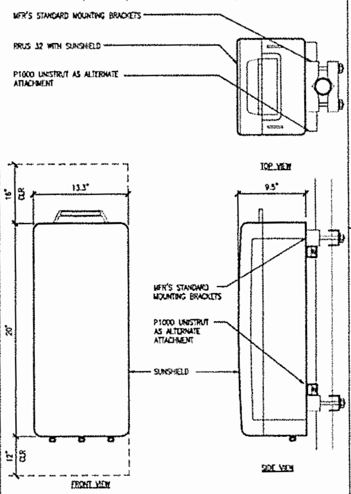
ERICSSON WCS RRU-32

MODEL: KRC161 423/1

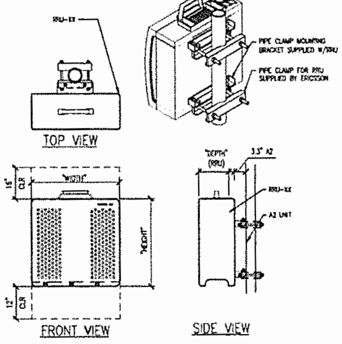
COLOR: WHITE

DIMENSIONS: 29.9" TALL X 13.3" WIDE X 9.5" DEEP (INCLUDING SUNSHIELD)

WEIGHT: +/- 77LBS. (INCLUDING MOUNTING HARDWARE)

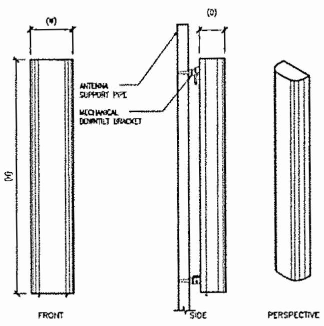


2 ERICSSON WCS RRUS-32 REMOTE RADIO UNIT
1 1/2"=1'-0"



TYPE	HEIGHT	WIDTH	DEPTH	WEIGHT
RRUS-11	17.8"	17.3"	7.19"	50 LBS
RRUS-12	20.4"	18.5"	7.5"	57.5 LBS
RRUS-E2	20.4"	18.5"	7.5"	53 LBS
RRUS-B14	15"	13.2"	7.4"	59.9 LBS
RRUS-B5	15"	13.2"	7.4"	59.9 LBS

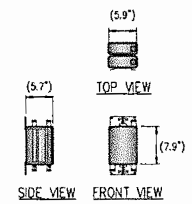
3 ERICSSON RRUS- REMOTE RADIO UNIT
1 1/2"=1'-0"



ANTENNA = KATHREIN 800-10966K
WIND AREA = 13.3 SQ.FT.
WEIGHT = 114.6 LBS
DIMENSIONS = 96" (H) x 20" (W) x 6.9" (D)

ANTENNA = ANDREW/COMMSCOPE SBNHH-1D65C
WIND AREA = 7.9 SQ.FT.
WEIGHT = 49.6 LBS
DIMENSIONS = 96" (H) x 11.9" (W) x 7.1" (D)

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

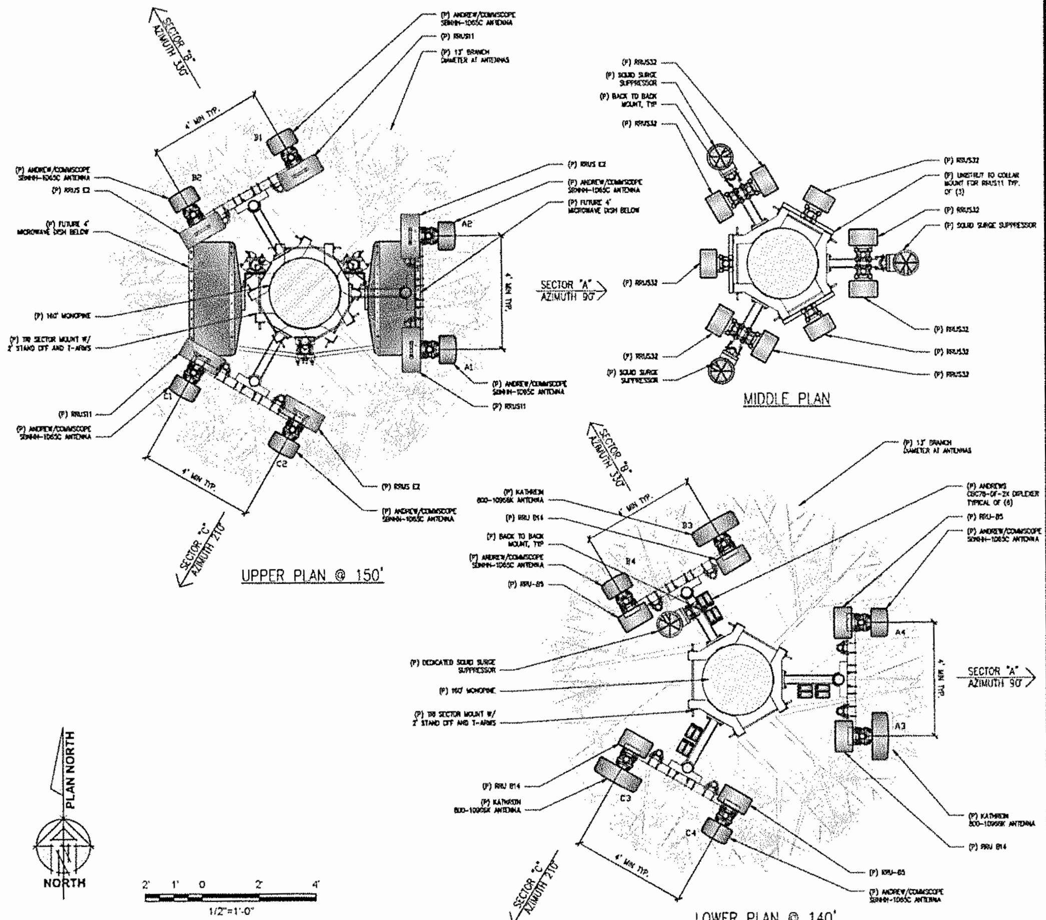


MAKE: ANDREW; MODEL: CBC78-DF-2X; WEIGHT 13.8 LBS

5 DIPLEXER
1 1/2"=1'-0"

SECTOR		ANTENNA MODEL NO.	TECHNOLOGY	AZIMUTH	RAD CENTER	RRU	DIPLEXER	FIBER LENGTH	COAX LENGTH	FIBER NO.
ALPHA	A1	SBNHH-1D65C	700/PCS	90°	± 150'-0"	(1) RRU11 (1) RRU32	N/A	± 180'	± N/A	TRUNK 1
	A2	SBNHH-1D65C	B29/AWS	90°	± 150'-0"	(1) RRUE2 (1) RRU32	N/A	± 180'	± N/A	TRUNK 1
	A3	800-10966K	B14/850	90°	± 140'-0"	(1) RRU B14 (1) RRU B5	(2) CBC78-DF-2X	± 170'	± N/A	TRUNK 1
	A4	SBNHH-1D65C	FVLL	90°	± 140'-0"	(1) RRU32	N/A	± 170'	± N/A	TRUNK 4
BETA	B1	SBNHH-1D65C	700/PCS	330°	± 150'-0"	(1) RRU11 (1) RRU32	N/A	± 180'	± N/A	TRUNK 2
	B2	SBNHH-1D65C	B29/AWS	330°	± 150'-0"	(1) RRUE2 (1) RRU32	N/A	± 180'	± N/A	TRUNK 2
	B3	800-10966K	B14/850	330°	± 140'-0"	(1) RRU B14 (1) RRU B5	(2) CBC78-DF-2X	± 170'	± N/A	TRUNK 2
	B4	SBNHH-1D65C	FVLL	330°	± 140'-0"	(1) RRU32	N/A	± 170'	± N/A	TRUNK 4
GAMMA	C1	SBNHH-1D65C	700/PCS	210°	± 150'-0"	(1) RRU11 (1) RRU32	N/A	± 180'	± N/A	TRUNK 3
	C2	SBNHH-1D65C	B29/AWS	210°	± 150'-0"	(1) RRUE2 (1) RRU32	N/A	± 180'	± N/A	TRUNK 3
	C3	800-10966K	B14/850	210°	± 140'-0"	(1) RRU B14 (1) RRU B5	(2) CBC78-DF-2X	± 170'	± N/A	TRUNK 3
	C4	SBNHH-1D65C	FVLL	210°	± 140'-0"	(1) RRU32	N/A	± 170'	± N/A	TRUNK 4
	RF DATA SHEET v1.00.00 DATED 09/19/17					(21) PROPOSED RRUS				

6 RF SCHEDULE
NOT TO SCALE



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

SITE TYPE: MONOPINE

Issued For:
AUBURN LAKE TRAILS
2125 CRAMER CT.
COOL, CA 95614

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

EPIC WIRELESS GROUP

AT&T SITE NO:	CVL00887
PROJECT NO:	13787685
DRAWN BY:	CES
CHECKED BY:	CES

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

Engineer:
ADAPTIVE RE-USE ENGINEERING
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3112 LEATHA WAY
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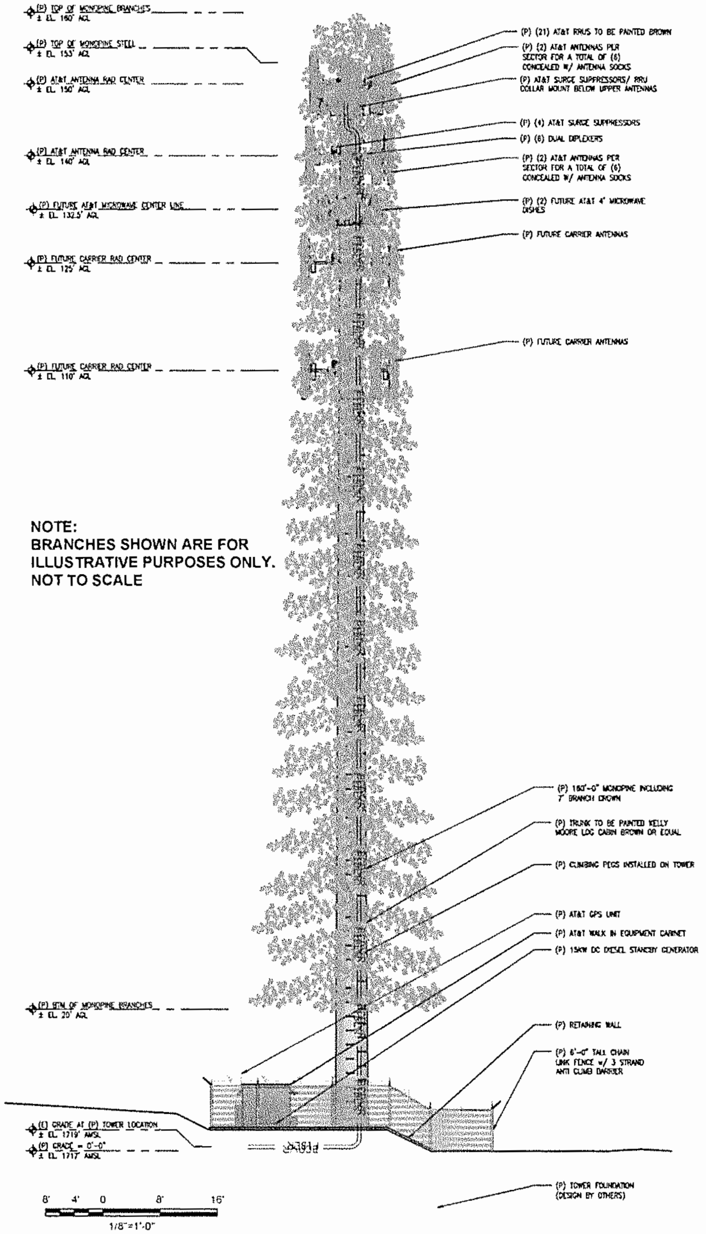
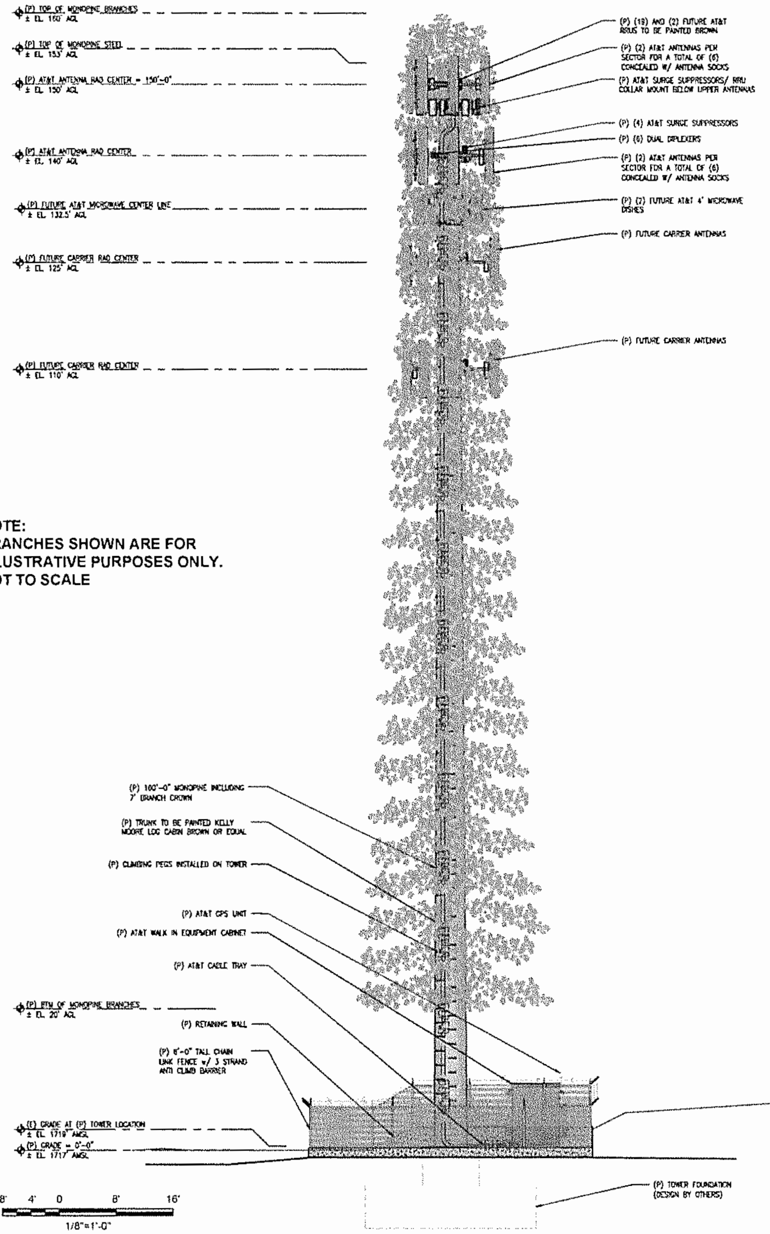
craigmhorner@yahoo.com

SHEET TITLE:
ANTENNA PLAN & DETAILS

SHEET NUMBER:
A-3



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



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

SITE TYPE: MONOPINE/WALK IN EQUIPMENT CABINET

Issued For:

AUBURN LAKE TRAILS
2125 CRAMER CT.
COOL, CA 95614

PREPARED FOR
at&t
2600 Camino Ramon, 4W850N
San Ramon, California 94583

EPIC WIRELESS GROUP

AT&T SITE NO:	CVL00887
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Engineer:

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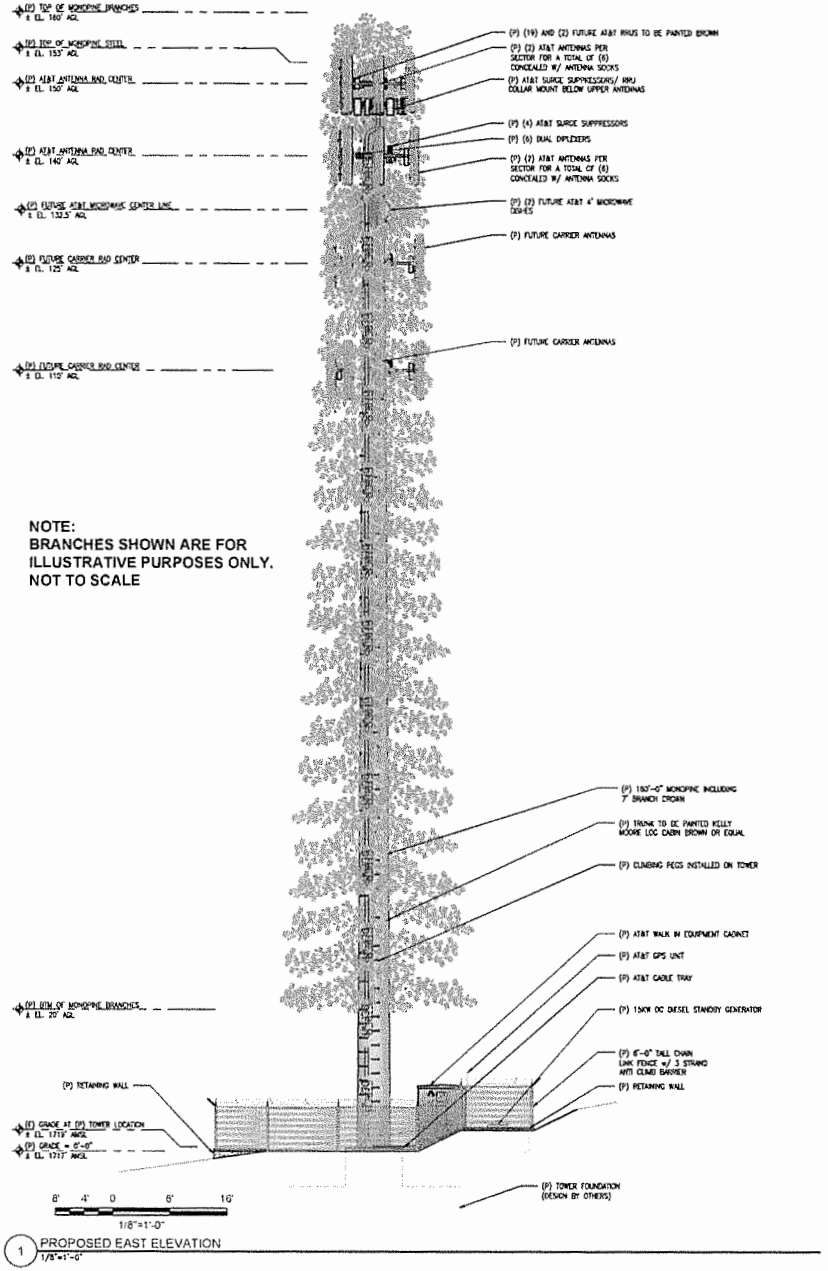
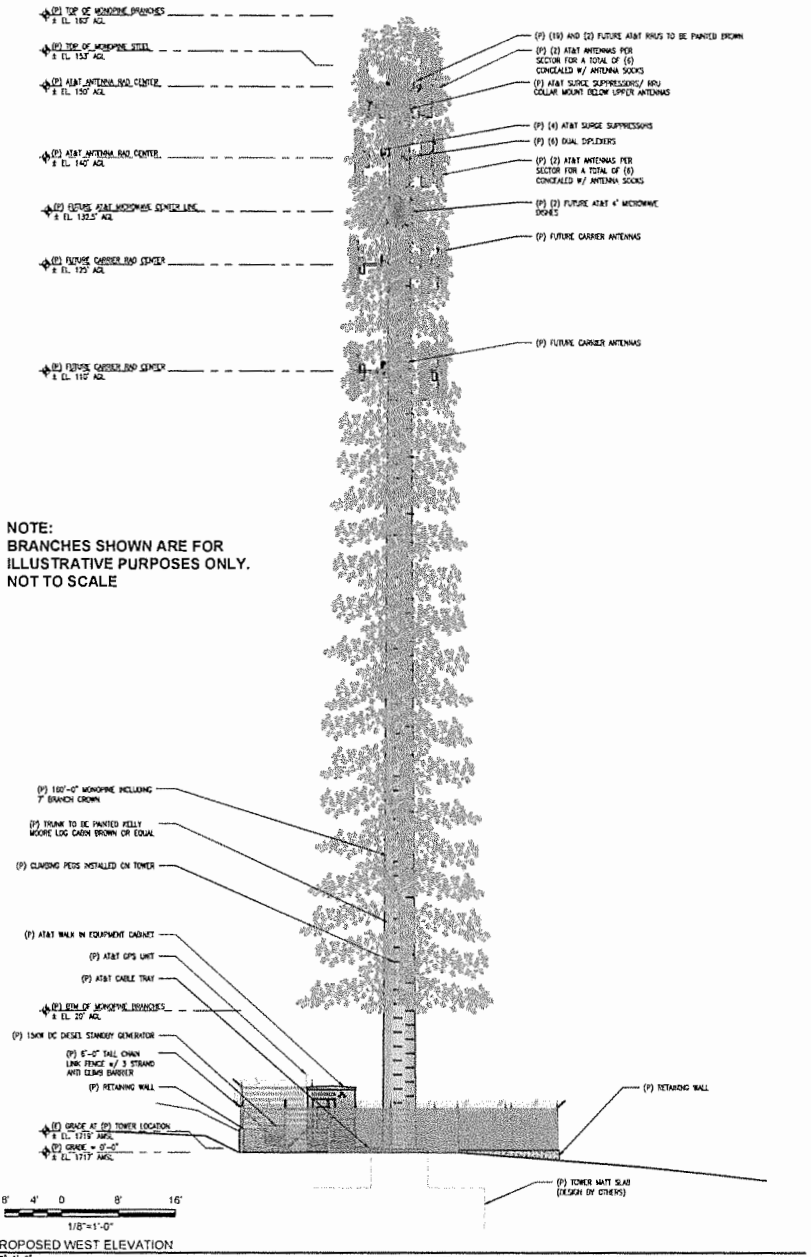
3112 LEATHA WAY
SACRAMENTO, CA 95821
craigmhorner@yahoo.com

SHEET TITLE:
PROPOSED MONOPINE NORTH - SOUTH ELEVATION

SHEET NUMBER:
A-4.1



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



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

SITE TYPE: MONOPINE/WALK IN EQUIPMENT CABINET

ISSUED FOR:

AUBURN LAKE TRAILS

2125 CRAMER CT.

COOL, CA 95614

PREPARED FOR

at&t

2600 Camino Ramon, 4W7850 N
San Ramon, California 94583

EPIC WIRELESS GROUP

AT&T SITE NO:	CVL00887
PROJECT NO:	13787685
DRAWN BY:	CES
CHECKED BY:	CES

NO	DESCRIPTION	DATE
0	ORIGINAL	2/14/18
1	SUBMITTAL	2/14/18
2	SUBMITTAL	2/14/18

Licensor:

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

Engineer:

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3112 LEATHA WAY
SACRAMENTO, CA 95821
craigmhorner@yahoo.com

SHEET TITLE:

PROPOSED MONOPINE WEST - EAST ELEVATION

SHEET NUMBER:

A-4.2

Exhibit G

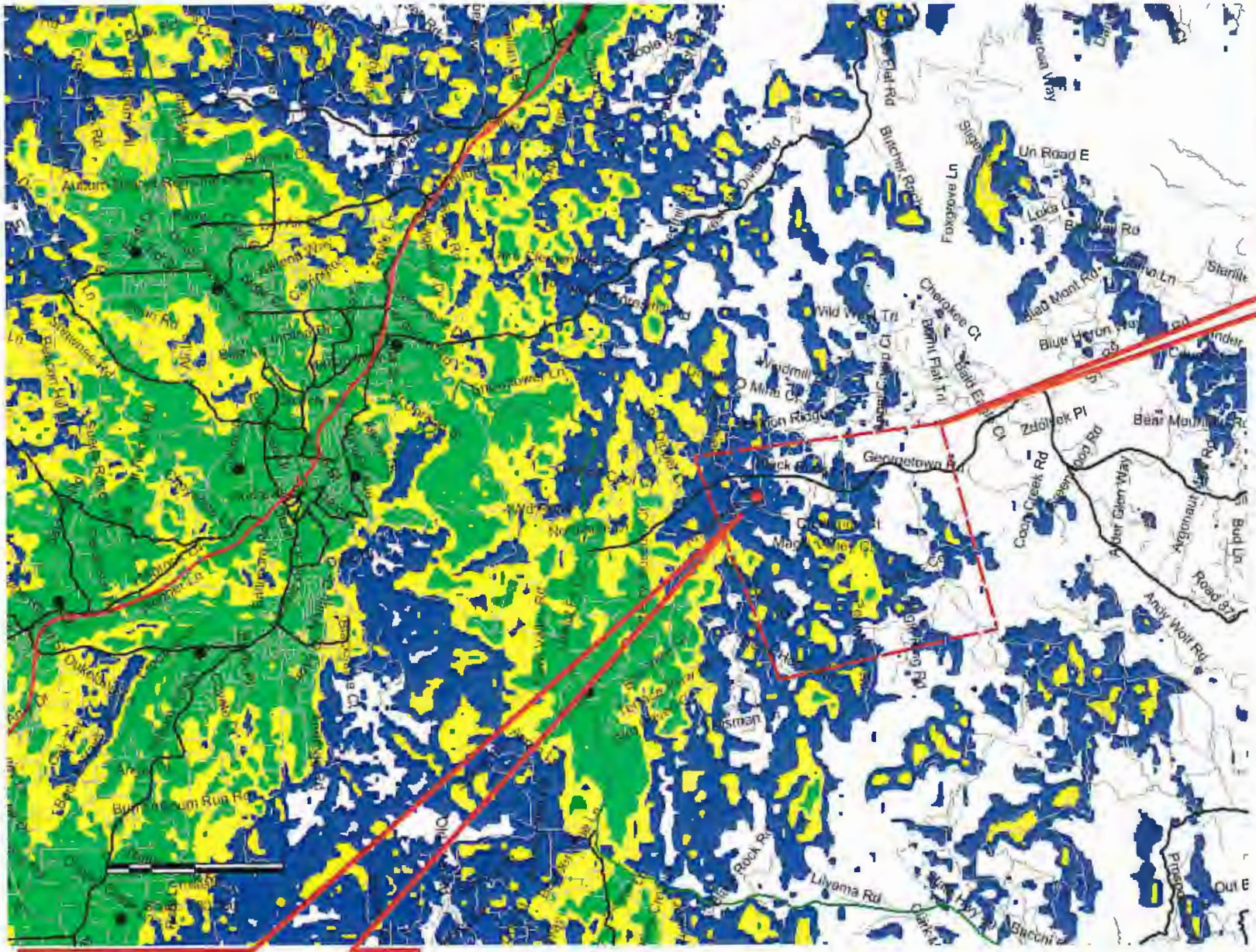
CVL00887 AUBURN LAKE TRAILS

Zoning Propagation Map

Nov 06, 2017

APPROVED
EL DORADO COUNTY
PLANNING COMMISSION
DATE June 14, 2018
BY Roger Trout/Cust
EXECUTIVE SECRETARY

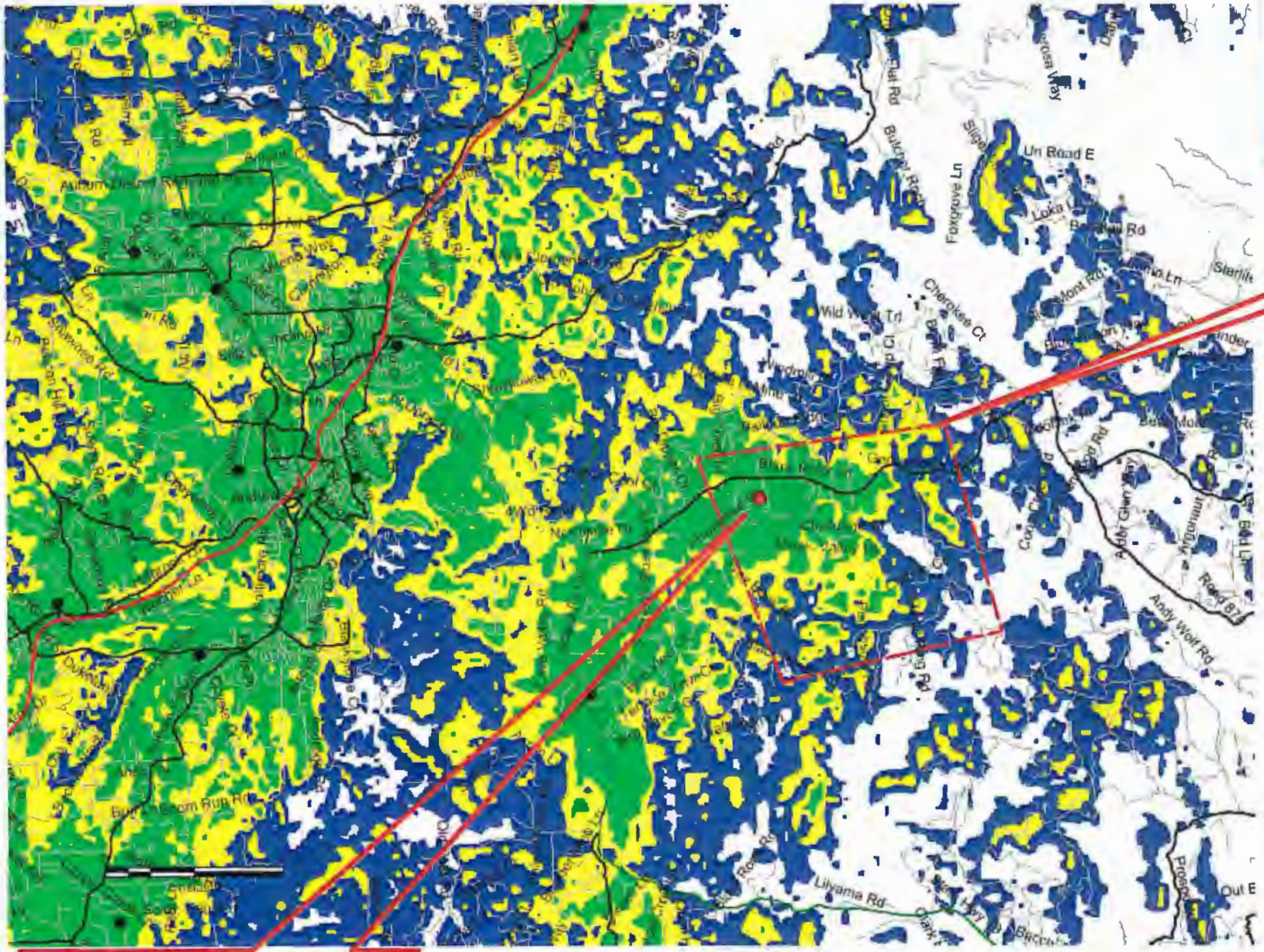
Existing LTE 700 Coverage (RC = 150')



11/06/2017

at&t

Proposed LTE 700 Coverage (RC = 150')



11/06/2017

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Surrounding site View

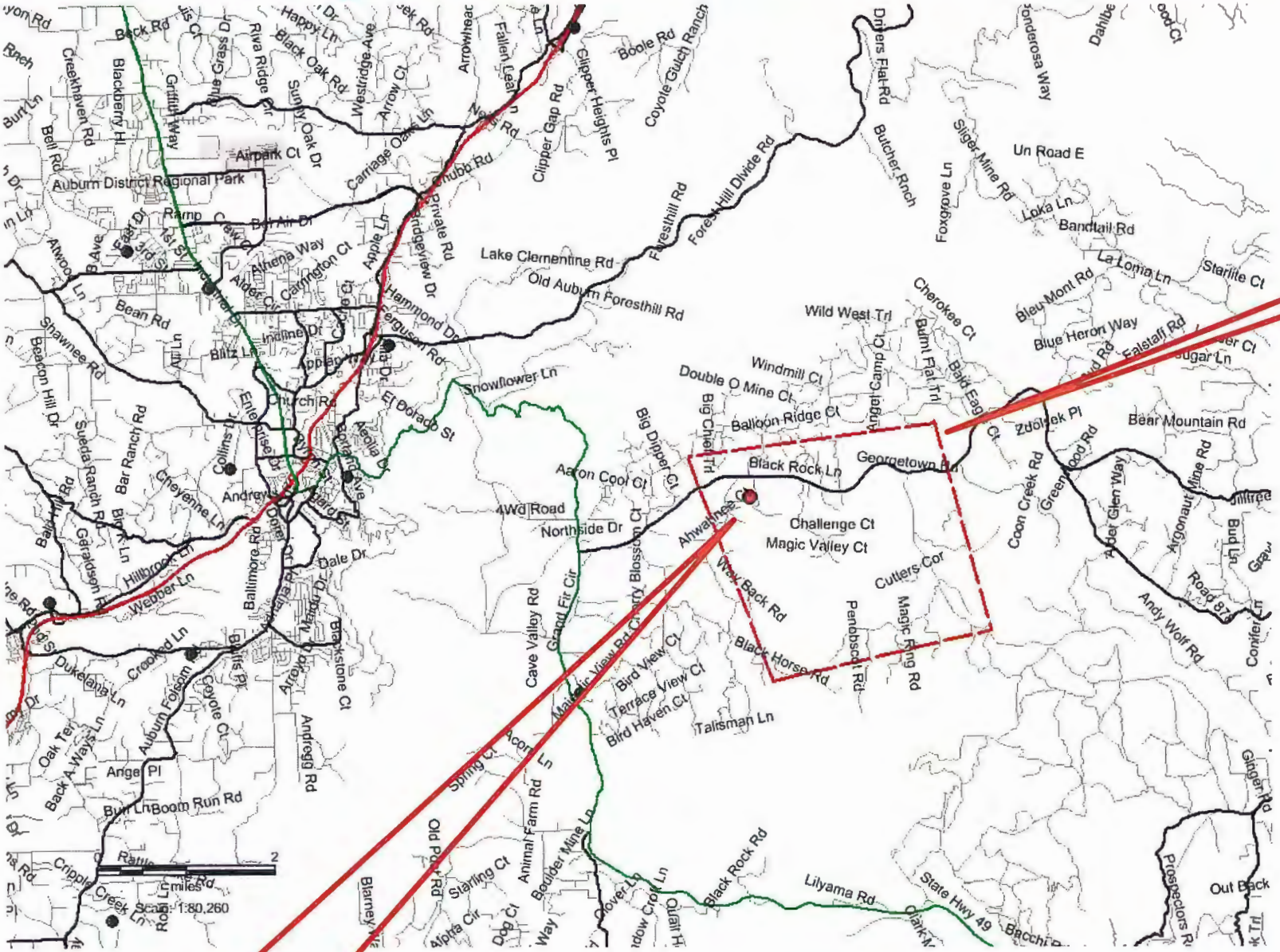
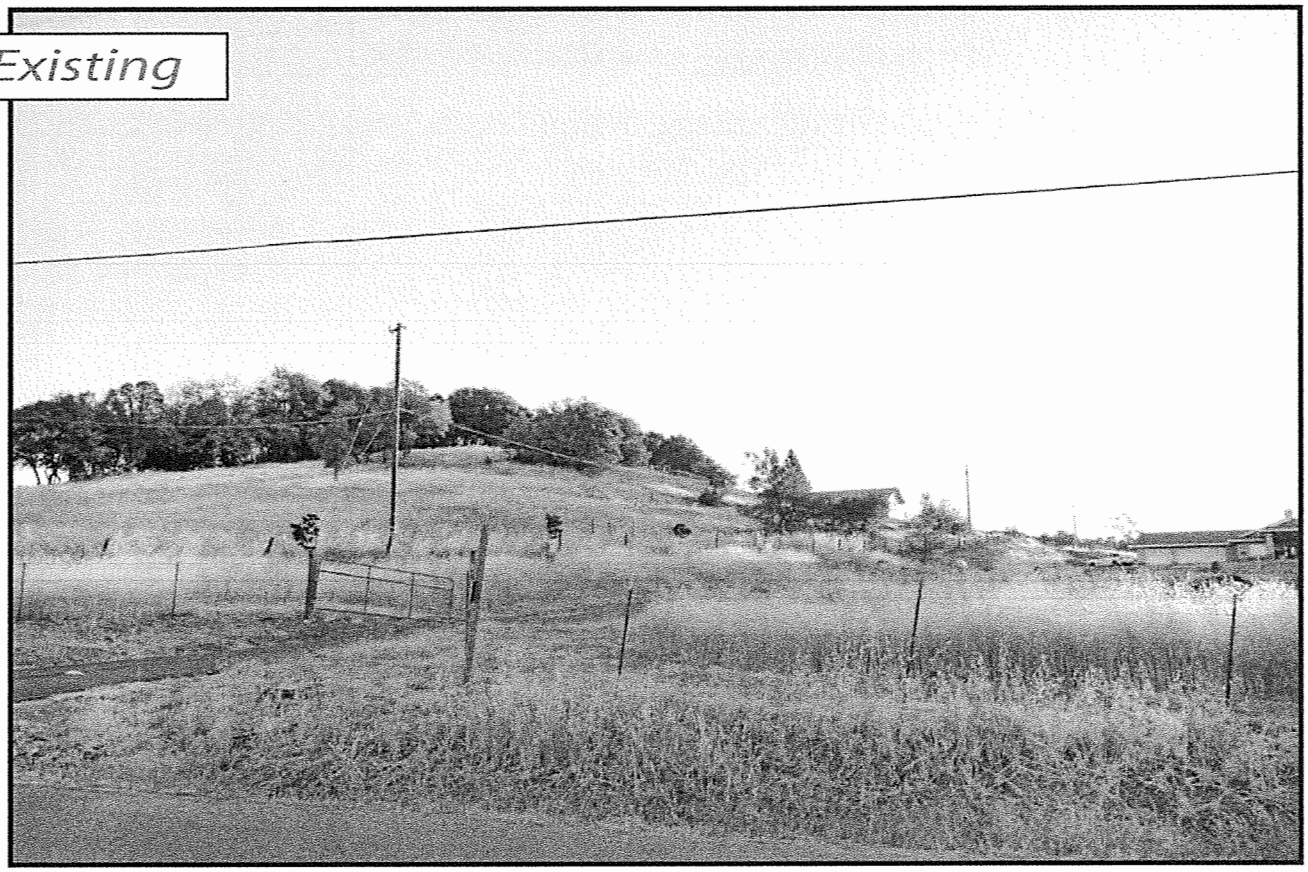
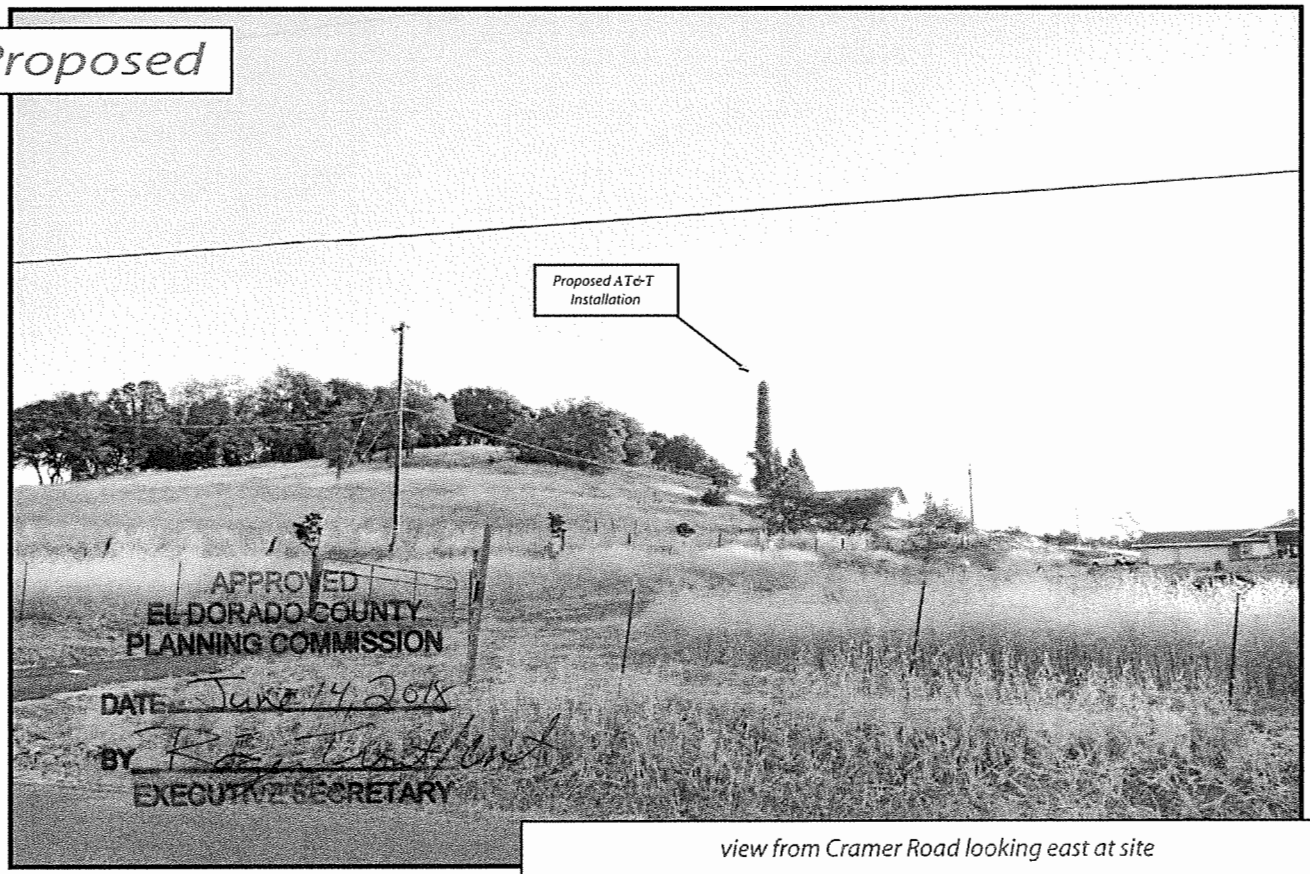


Exhibit H

Existing



Proposed

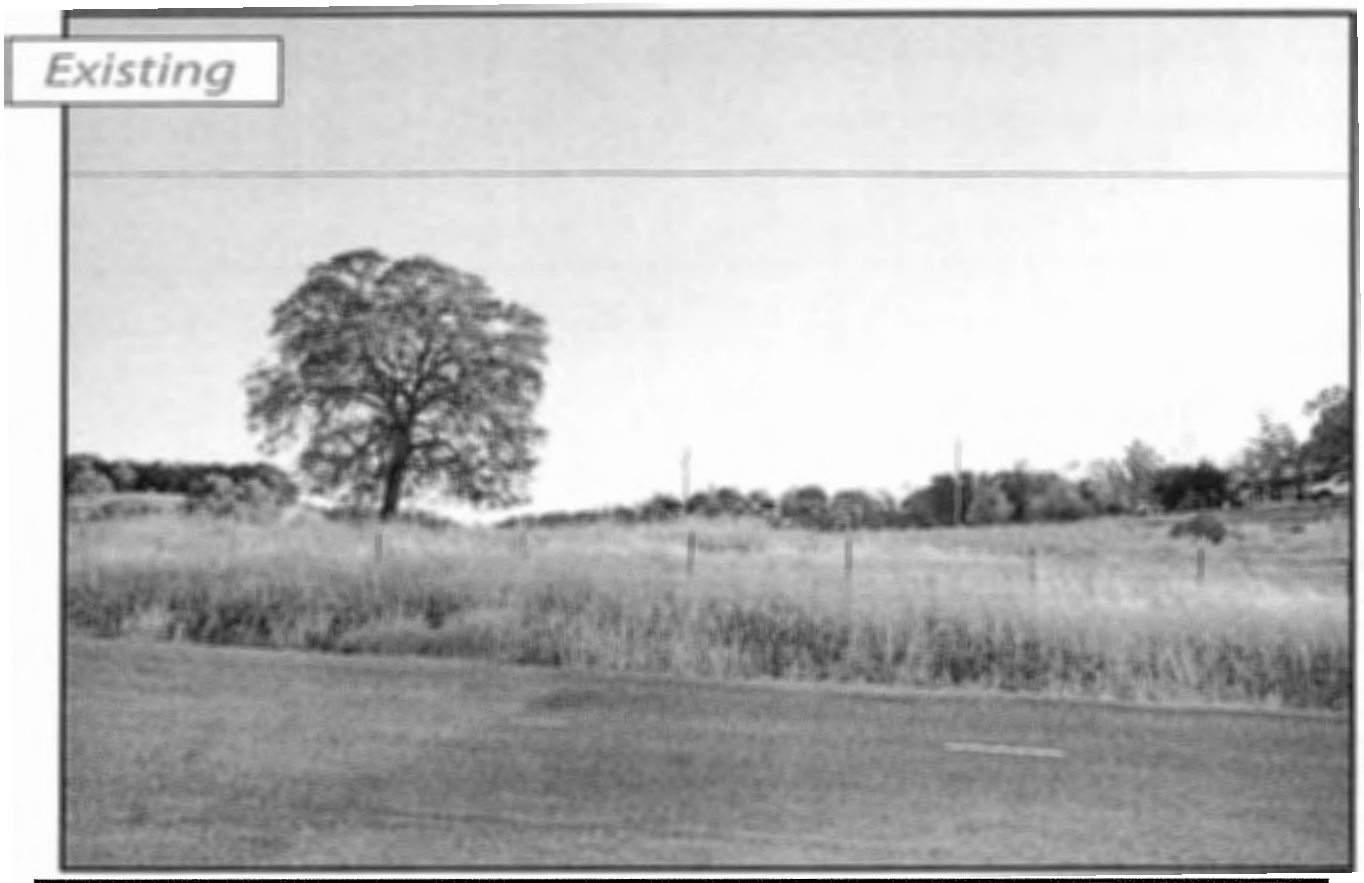


AdvanceSim
Photo Simulation Solutions
Contact (925) 202-8507

view from Cramer Road looking east at site

AT&T Wireless

CVL00887 Auburn Lake Trails
2125 Cramer Court, Cool, CA
Photosims Produced on 10-6-2017



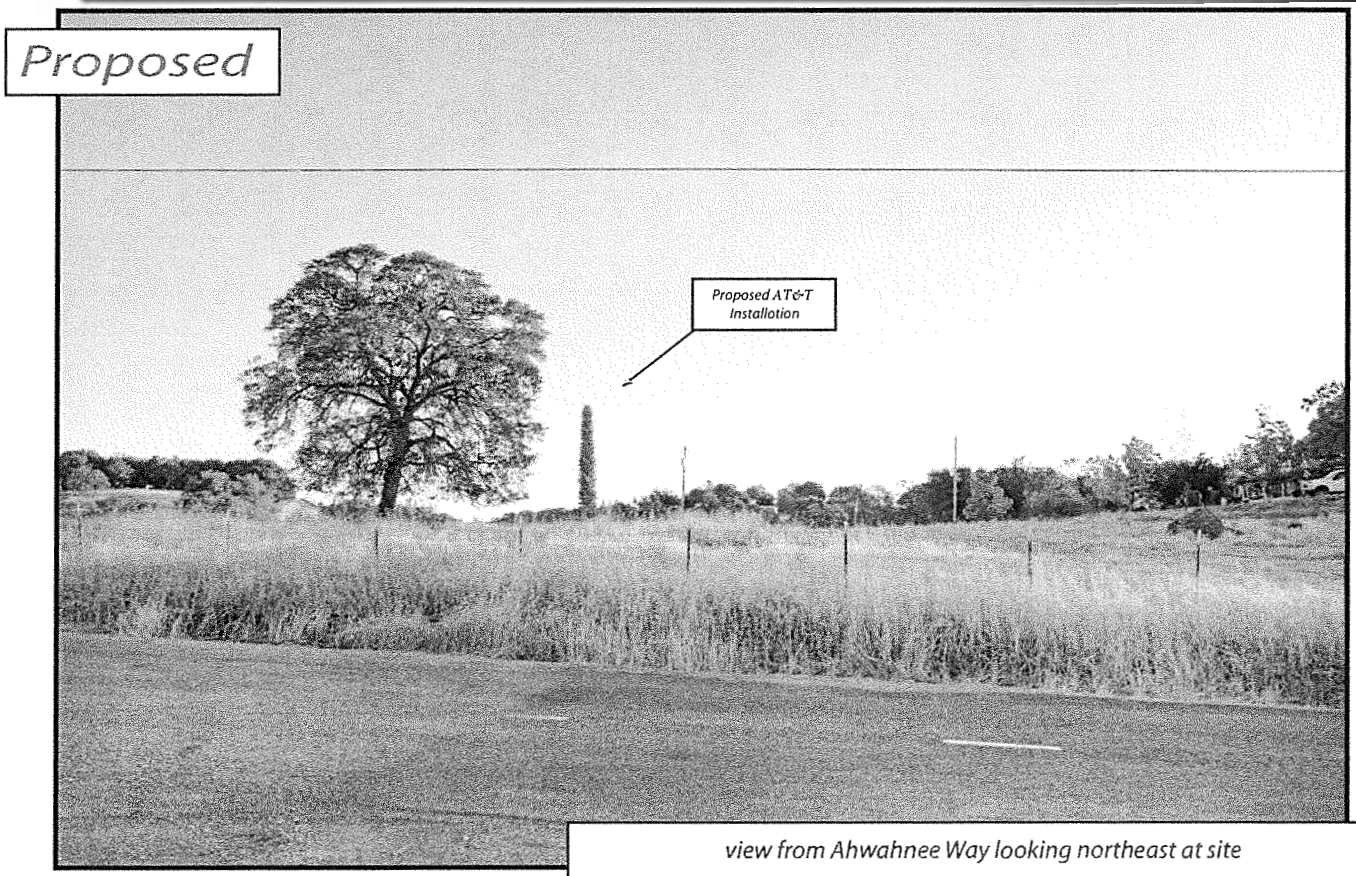


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Photo Simulation Solutions
Contact (925) 202-8507

view from Ahwahnee Way looking northeast at site

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2125 Cramer Court, Cool, CA
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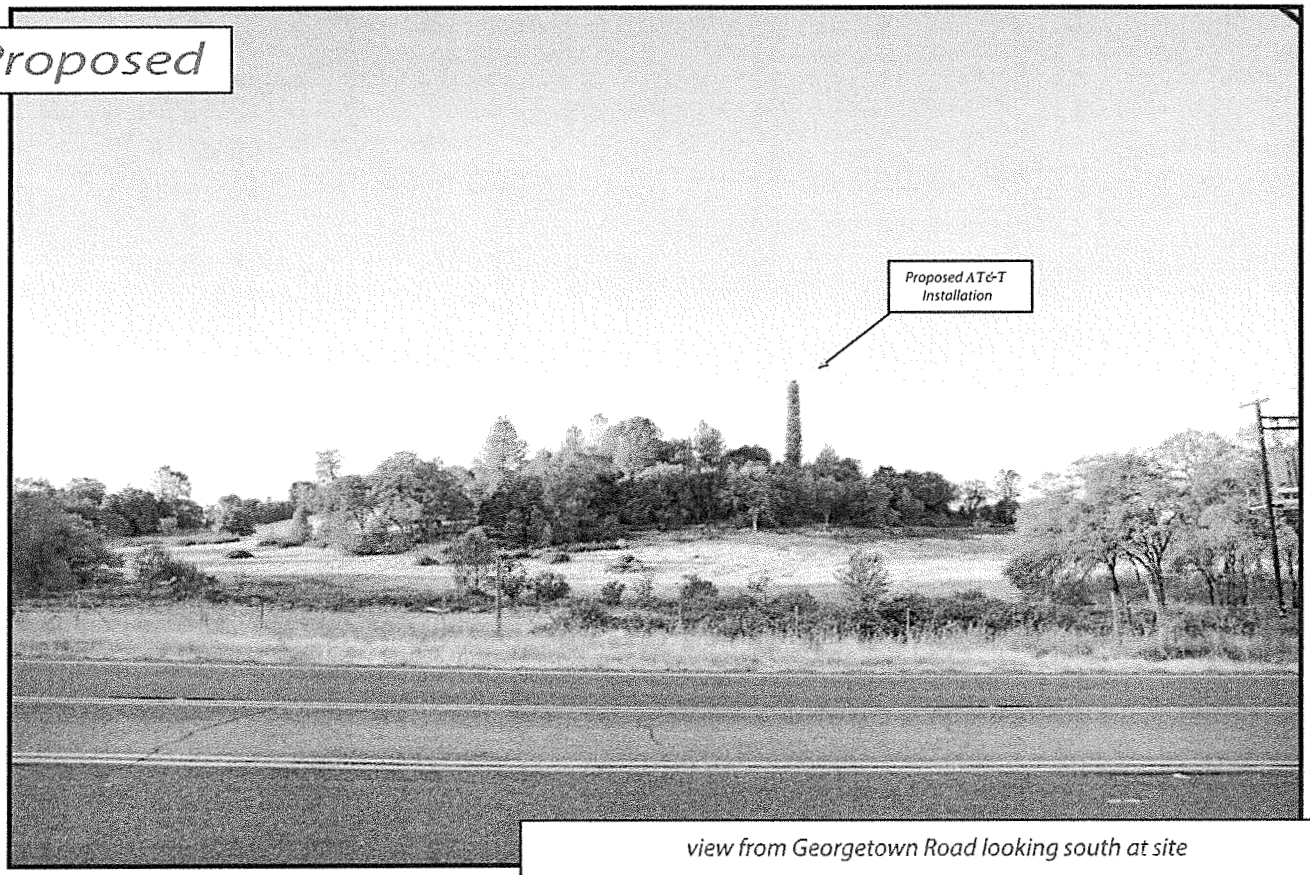
Existing

Proposed



view from Georgetown Road looking south at site

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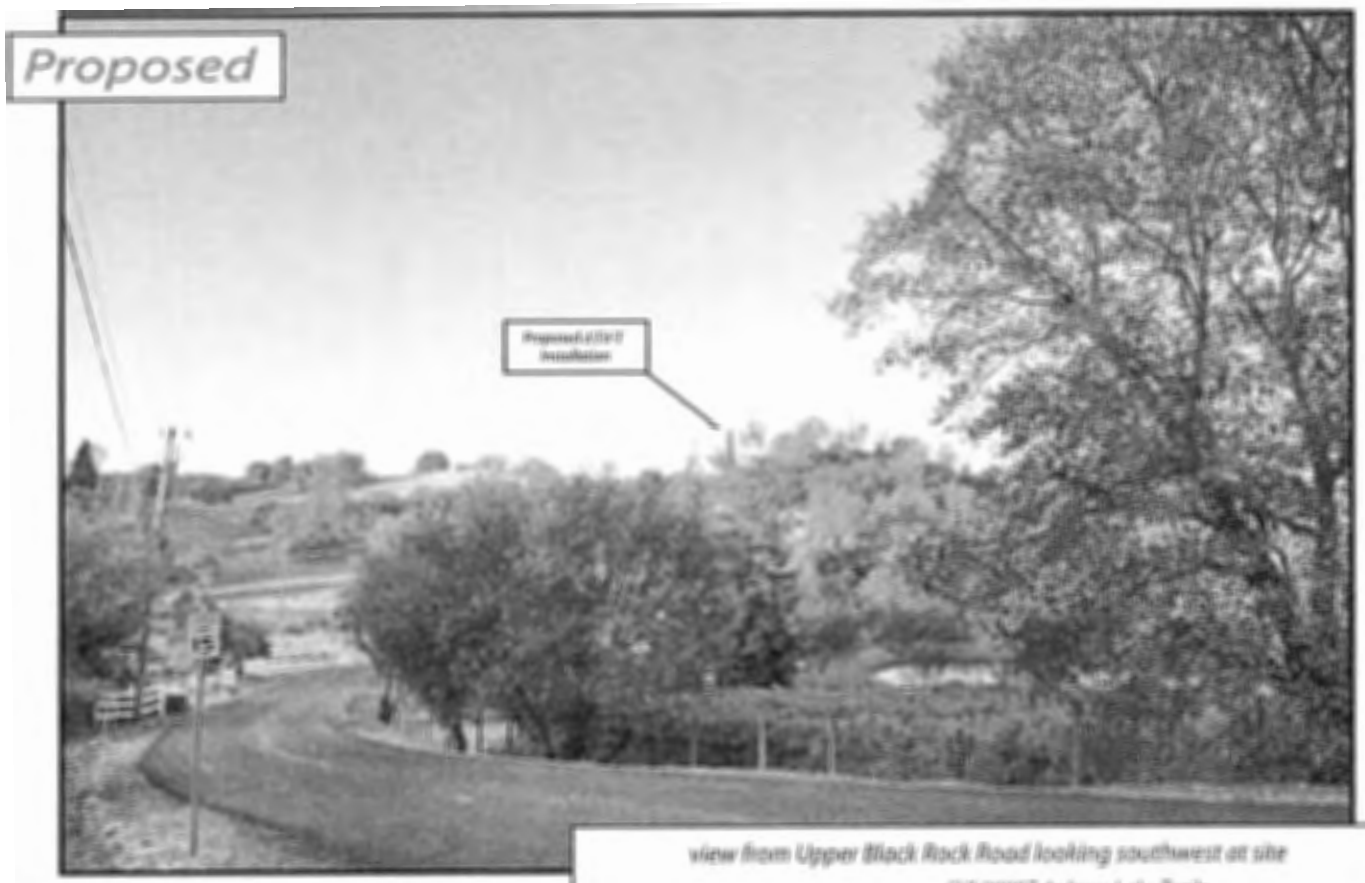

view from Upper Black Rock Road looking southwest at site

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Shot Point Map

WATERFORD
COMPLIANCE...FROM START TO SIGNAL

APPROVED
EL DORADO COUNTY
PLANNING COMMISSION
DATE June 14, 2018
BY Roger Trout/Cat
EXECUTIVE SECRETARY

Radio Frequency Emissions Compliance Report For AT&T Mobility

Site Name:	**Auburn Lake Trails**	**Site Structure Type:**	**Monopine**
Address:	**2125 Cramer Court**	**Latitude:**	**N38-53-43.62**
	Cool, California	**Longitude:**	**W120-58-51.04**
Report Date:	**October 12, 2017**	**Project:**	**New Build**

General Summary

AT&T Mobility has contracted Waterford Consultants, LLC to conduct a Radio Frequency Electromagnetic Compliance assessment of the proposed Auburn Lake Trails site located at 2125 Cramer Court, Cool, 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.

	Limits for General Population/ Uncontrolled Exposure		*Limits for Occupational/ Controlled Exposure*	
Frequency (MHz)	**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.

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, four (4) per sector
- Install twenty-one (21) new RRUS

The antennas will be mounted on a 160-foot monopole with centerlines at 150 and 140 feet above ground level. The antennas will be oriented toward 90, 330 and 210 degrees. The Effective Radiated Power (ERP) in any direction from all AT&T Mobility operations will not exceed 27,311 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 0.3635% of the FCC General Population limits (0.0727% 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 0.261% of the FCC General Population limits (0.0522% 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

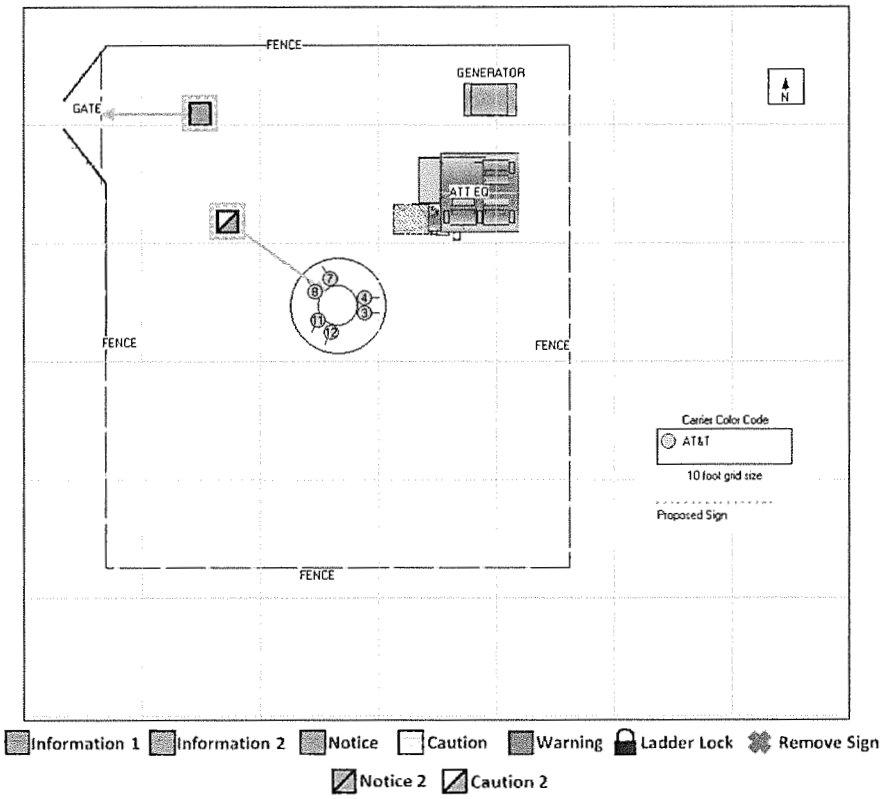

Figure 2: Mitigation Recommendations

Compliance Statement

Based on information provided by AT&T Mobility and predictive modeling, the installation proposed by AT&T Mobility at 2125 Cramer Court, Cool, 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 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.

David H. Kiser, P. E. 2017.10.12 20:39:52 -04'00'