

PROJECT INFORMATION

<u>APPLICANT:</u> AT&T MOBILITY 5001 EXECUTIVE PKWY SAN RAMON, CA 94583

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

<u>SITE SURVEY</u> GEIL ENGINEERING 1226 HIGH STREET AUBURN, CA 95603 (530) 885–0426

<u>RF_ENGINEER:</u> ASAD_SCHAHBAZ MS455V@ATT.CCOM

RFDS VERSION/DATE: 1.00.01 / 05-01-17 1.00.02 / 5-22-17 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: VINCULUMS CONSTRUCTION MANAGER KEN ABEL KABEL@VINCULUMS.COM (916) 844-4602 SITE NAME: SITE NUMBER: FA LOCATION#:

SITE ADDRESS:

ASSESSORS PARCEL NUM LATITUDE: LONGITUDE: ELEVATION:

ZONING: JURISDICTION: COUNTY:

PROPERTY OWNER: OWNER ADDRESS:

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.

- 1. 2016 CALIFORNIA BUILDING CODE
- 2016 CALIFORNIA FIRE CODE
 2016 CALIFORNIA ELECTRICAL CODE
- 4. 2016 CALIFORNIA PLUMBING CODE
- 5. 2016 CALIFORNIA MECHANICAL CODE
- 6. 2016 CALIFORNIA HEALTH AND SAFETY CODE

OCCUPANCY & CONST. TYPE

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



SPECIAL INSPECT

*SEE SPECIAL INSPECTION FORM

POST-INSTALLED ANCHORS
 HIGH STRENGTH BOLTING

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

Attachment 1 Site 6 Zee Estates

at & t

SITE NUMBER: CVLO SITE NAME: ZEE ES

GATE LANE 1,000' SOUTH EA THE INTERSECTION OF GATE AND SALMON FALLS ROA PILOT HILL, CA 95664 APN: 104-370-24-100

PRO	JECT TEAM			SHEET
<i>I</i> BER:	ZEE ESTATES CVL03629 13787593 GATE LANE 1,000' SOUTH EAST OF THE INTERSECTION LANE AND SALMON FALLS ROAD PILOT HILL, CA 95664 104-370-24-100 38.483647' -121.011305' 1,563' AMSL LA-10 EL DORADO COUNTY EL DORADO COUNTY EL DORADO WOLFE FAMILY TRUST 9289 SHADOW BROOK PLACE GRANITE BAY, CA 95746	$\begin{array}{c} T-1\\ GN-1\\ GN-2\\ C-1\\ C-2\\ C-3\\ C-4\\ C-5\\ A-1\\ A-2\\ A-3\\ A-4\\ A-4.1\end{array}$	TITLE SHEET GENERAL NOTES SITE SIGNAGE SITE SURVEY EROSION CONTROL PLAN & GRADING NOTES & DETAILS PRELIMINARY GROUNDING P OVERALL SITE PLAN EQUIPMENT PLAN ANTENNA PLAN & DETAILS ELEVATIONS ELEVATIONS	
 D	DIRECTIONS	FROM A	AT&T	PROJE
(Contrology)	DIRECTIONS FROM AT&T'S OFFICE AT 5001 EXECUTIVE PARKWAY, SAN RAMON, CA 94583 1. HEAD NORTHEAST ON BISHOP DR TOWARD SUNSET DR 2. TURN RIGHT ONTO SUNSET DR 3. USE THE RIGHT 2 LANES TO TURN RIGHT ONTO BOLLINGER CANYON RD 4. USE THE RIGHT 2 LANES TO MERGE ONTO I-680 N VIA THE RAMP TO SACRAMENTO 5. MERGE ONTO I-680 N 6. KEEP LEFT TO STAY ON I-680 N 7. KEEP LEFT AT THE FORK TO STAY ON I-680 N 8. KEEP LEFT AT THE FORK TO STAY ON I-680 N 9. USE ANY LANE TO TAKE EXIT 71A TOWARD I-80 E 10. KEEP LEFT AT THE FORK TO STAY ON I-80 E 11. KEEP LEFT AT THE FORK TO STAY ON I-80 E 12. KEEP LEFT AT THE FORK TO STAY ON I-80 E 13. FREEWAY, FOLLOW SIGNS FOR INTERSTATE 80 BUSINESS/SACRAMENTO/SOUTH LAKE 14. TAHOE 15. CONTINUE ONTO US-50 E 16. TAKE EXIT 30B TOWARD EL DORADO HILLS BLVD 17. FOLLOW EL DORADO HILLS BLVD AND SALMON FALLS RD TO GATE LN 18. MERGE ONTO LATROBE RD 19. CONTINUE ONTO EL DORADO HILLS BLVD 20. CONTINUE ONTO SALMON FALLS RD 21. TURN RIGHT ONTO GATE LN			
IONS	APPR	OVALS		
	APPROVED BY:	INITIALS:	DATE:	
	AT&T:			GENERAL
	R.F.:			
	LEASING/LANDLORD:			THESE DRAWINGS ARE FORMATT
	ZONING:			24"X36". CONTRACTOR SHALL A EXISTING DIMENSIONS AND CONI
	CONSTRUCTION:			AND SHALL IMMEDIATELY NOTIF
	POWER/TELCO:			RESPONSIBLE FOR THE SAME.
	PG&E:			

03629	PROPRIETARY INFORMATION THE INFORMATION CONTAINED IN THIS SET OF DRAWINGS IS PROPRIETARY
STATES	BY NATURE, ANY USE OR DISCLOSURE OTHER THAN THAT WHICH RELATES TO PEEK SITE-COM IS
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E LANE	CLIENT:
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INDEX	5001 EXECUTIVE PKWY SAN RAMON, CA 94583
	PROJECT INFORMATION:
DETAILS	ZEE ESTATES
LAN	GATE LANE 1,000 SOUTH EAST OF THE INTERSECTION OF GATE LANE AND SALMON FALLS ROAD PILOT HILL, CA 95664 F REV: = DATE: ====================================
	1 6-29-17 90% ZONING DOC'S RB 1 8-3-17 90% ZONING DOC'S ALP
	2 8–9–17 100% ZONING DOC'S ALP
CT DESCRIPTION	
CT A NEW UNMANNED	
AT&T WILL INSTALL:	COORDINATING ENGINEER:
ENCE E ACCESS GATE (TOP OF BRANCHES AT 160')	_ Peek Site-Com_
LIGHT WEIGHT EQUIPMENT SHELTER EQUIPMENT	12852 Earhart Ave. Suite 101 Auburn, California 95602 Phone (530) 885-6160
GENERATOR 500 GALLON)	E-Mail info@peeksitecom.com
EW RRUS-12, (12) NEW RRUS-32 ISORS	= SEAL:
	PROFESSION CELLIS OLIVER SOLIVER SOLIVER E
	NO. C 33407 ★ EXP. <u>06/30/18</u> CIVIL CIVIL
	= SITE #: CHK.: DRAWN BY:
CONTRACTOR NOTES	CVL03629 RB
ALL BEFORE VOL	TITLE SHEET
ED TO BE FULL SIZE VERIFY ALL PLANS AND DITIONS ON THE JOBSITE	SHEET NUMBER:
Y THE ARCHITECT/ENGINEER CIES BEFORE PROCEEDING ORDERS OR BE	T-1
GGING PARIL	

- 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.

OTES:	ABBREVIATIONS	
	ABV. ABOVE L.F. LINEAR FEET (FOOT) ADD'L ADD'LONAL MAX. MAXMUM BUT A.G.L ABOVE GROUND LEVEL M.B. MACHINE BOLT ALUM. ALUMALM MECH. MECH. APROX. APPROXATELY MFR. MAUTACURER AWG. AMERICAN WIRE GAUGE MIN. MINMUM BLDG. BULDING MISC. MISC. BLX. BLOKING MIL METAL CAB. CABINET (N) NEW CONC. CONCRETE NO. (#) NUMER CONT. CONSTRUCTION O.C. ON CITIER CONT. CONTRUCTION O.C. ON CITIER DIA. DUBLE P/C PRECAST CONCRETE DIA. DUBLES P.S.F. POUNDS PER SOLARE FOOT D.F. DOUGLAS FIR P.S.F. POUNDS PER SOLARE FOOT D.F. DOUGLAS FIR P.S.F. POUNDS PER SOLARE FOOT DIM. DIMENSION OT. OUARTIY EL ELCRICAL METALLIC TUBING REF. REF. REM. ELCRICAL METALLIC TUBING REF. SCHEDULE EMT. ELCRICAL METALLIC TUBING REDURE EA <t< td=""><td>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: CLIENT: CLIENT: CLIENT: COT EXECUTIVE PKWY SAN RAMON, CA 94583 PROJECT INFORMATION:</td></t<>	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: CLIENT: CLIENT: CLIENT: COT EXECUTIVE PKWY SAN RAMON, CA 94583 PROJECT INFORMATION:
	SYMBOLS LEGEND	
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	CONCRETE SAND GRATE PLATFORM	NO. C 33407 DP. 06/30/18 DP. 06/30/18 DP. 06/30/18 DF. 0F CAL IF OPINIE
	GRAVEL	= SITE #: CHK.: DRAWN BY:
	++++++++++++++++++++++++++++++++++++	
	NEW DC SURGE SUPPRESSOR	SHEET NUMBER:
	NEW ANTENNA	GNL-1 0
	NEW RRU	



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TION					Det et	1. THE FOLLOWING INFOR
UNICATION ANTENNAS AT THIS AWAY FROM ANY ANTENNA				W		HUMAN EXPOSURE TO EMF REPORT OR ANY
ennas(s) before working enna(s)		THE OUTSIDE FACE OF THIS	S BUILDING	INFORMA	TION SIGN 1-3	CONFLICT W/ ANY PAR REGULATION SHALL BE
8-2822 PRIOR TO PERFORMING AT&T MOBILITY ANTENNAS,		ORMATION SIGN 1-2			1-1/2"	2. THE PUBLIC LIMIT OF P OF RE EXPOSURE ALL
This door/hatch/gate is		THIS STRUCTURE			8 T A Y	3. IF THE BOTTOM OF TH PLATFORM LINE OF TH
CION	ĸ	STAY BACK A MINIMUM OF FROM THESE ANTENN	* 3 FEET NAS		B A C	PUBLIC LIMIT OF RF EX
ENAS DE TELECOMUNICACIONES VER UNA DISTANCIA DE NO S LOS AVISOS.) LOS PROPIETARIOS DE LAS MINAR DE MENOS DE 3 PIES	CONT FOLLO PERFO CLOSE	ACT AT&T MOBILITY AT 800- DW THEIR INSTRUCTIONS PI ORMING ANY MAINTENANCE ED THAN 3 FEET FROM THE	638-2822 & RIOR TO E OR REPAIRS ANTENNAS		K 3 F E 4	ACCESSIBLE (E.G. ROOL BARRICADES AND STRIL BARRICADES AND STRIL BEFORE OR SHORTLY / FOR PLACEMENT OF SI
00-638-2822 ANTES DE O REPARACION DE LAS	THIS	IS AT&T MOBILITY SITE	<u>>/L03029</u>		F N	5. IF THE PUBLIC LIMIT O
CVL03629 A de la administracion del RTA se encuentra sin					R O M A N	BARRICADES AND STRI BARRICADES AND STRI BARRICADES & STRIPIN OR SHORTLY AFTER CO PLACEMENT OF SUCH
<u> SIGN 1-1</u>	INF	ORMATION SI	<u>GN 1-2</u>			6. ALL TRANSMIT ANTENN SPANISH, AND CHINESE
		or w/		INFORMA	TION SIGN 1-4	CONSTRUCTION PROJEC PLACED IN PLAIN SIGH SIGN SHALL BE PLACE
INSTALL ALL INFORMATION 074, RF EXPOSURE POLICY	N SIGNAGE IN ACCORDANC Y AND RF SAFETY COMPLI	IANCE PROGRAM, *SIGN	1-2 Pole, see detail 1B, this she	EET.		ANY PERSON ON THE CONTENT CONVENTIONS
		SIGN 2 MADE	2 MUST BE A NON METALLIC LABEL Y USING VINYL OR SIMILAR WEATHERPF	W/ AN ADHESIVE BACKING, TROOF MATERIAL, THE LABEL	THE LABEL SHALL BE SHALL BE	INFORMATION (E.G. TEL THIS TELEPHONE NUME PROJECT MANAGER AT
E DOOR, SEE DETAIL 1A, NE ON THE 50 MIL ALUMI	THIS SHEET INUM SHEETING (SIZE 8 IN	APPRC BAND NCHES BY 12)XIMATELY 5X7 INCHES W/ A WHITE I SHALL BE 1.375 INCH IN HEIGHT & RS THE TEXT LETTERING SHALL BE F	Background and black le The lettering shall be bl Black w/ 1/8 inch high le	.TTERING. THE GREEN .ACK W/ 0.75 INCH HIGH	7. PHOTOS OF ALL STRIP
OUNTING HOLES, ONE EAC S. THE MAIN BACKGROUND	CH CORNER OF THE SIGN D COLOR IS THE BE WHIT	FOR MOUNTING SHALL E FRONT &	BE PLACED OVER THE FRONT OF TH	HE LABEL.	THENS. OF PROTECTION	OUT PACKAGE & SHAL INTO THE AT&T CONST BE DONE W/ FADE RE
		*SIGN	1-3: BACK OF ANTENNAS, SEE DET	AIL 1C & 3, THIS SHEET	BACK OR SIDE OF AN	BY THE CONSTRUCTION SO AS NOT TO BLOCK
e text shall be in black il ne in 1/8 inch letter	CK LETTERING W/ 0.2 INC RS.	CH HIGH ANTEN	INA TO IDENTIFY IT AS AN AT&T AN	TENNA.	DAGK ON ODE OF AN	BE PAINTED W/ FADE FRIENDLY BARRICADES
IALL BE DONE IN A MANNI	ER THAT WILL PERMIT EA	*SIGN SY READING	1–4: SIDE OF ANTENNAS, SEE DETA 4 IS MADE FROM TRANSPARENT MATI	IL 1D & 3, THIS SHEET FRIAL 1–1/2 INCHES WIDE &	24 INCHES LONG THE	8. SHOP DRAWING OF EAG
DXIMATELY 6 FEET IN FROM	NT OF THE SIGN. CTIVE COATING OVER THE	FACE OF THE BETWE	RING IS TO BE BLACK W/ 1/2 INCH	LETTERING IN A VERTICAL CO IS EASILY READ & FILLS THE	DLUMN. THE SPACING E LENGTH OF THE SIGN	
1	NFORM	ATION	SIGNAGE			GE
MATIC	DN)	NOTE:		TION		
		SIGNA	IGE IN ACCORDANCE W/ AT&T WRELE MENT #03-0074, RF EXPOSURE POLI	ESS CY AND RF		
istrations Communic	cation	SAFET	TY COMPLIANCE PROGRAM, LATEST ED	DITION.		
567	õ	2. CONTR INFOR	RACTOR SHALL CONTACT AT&T R-RF: MATION ON MPE LEVELS AND INSTRU- AND LOCATION OF SIGNAGE	SC FOR CTIONS ON		
201			, AND LOCATION OF SIGNAGE			
with federal Communica d antenna tower registra	ations					
:FR 17.4(g).	·/ .				CALL	TIONI
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R SIGN	AGE		\wedge		/	\backslash
T&T			(((a)))		111	lu
od						
					/ L	\neg \land
el Only						
ited		Beyo	nd This Point	you are	Beyond This	Point you are
		entering	g a controlled area	a where	where RF Emiss	ions may exceed
or prior to performing e, call		RF Emi	issions exceed the	FCC t	he FCC Control	ed Exposure
number		Failure to ot	bey all posted signs and site		imits	
		guidelines c	ould result in serious injury	f	or working in an RF enviro	site guidelines onment
		Ref: FCC 47CFR 1	I.1307(b)		Ref: FCC 47CFR 1.1307(b)	at&t /
10.000000000	647 A					

GATE SIGNAGE

CAUTION AND WARNING SIGN

RMATION

MATION IS A GUIDELINE W/ RESPECT TO PREVAILING STANDARDS LIMITING RADIO FREQUENCY ENERGY AND SHOULD BE USED AS SUCH. IF THE SITE'S LOCAL, STATE OR FEDERAL GUIDELINES OR REGULATIONS SHOULD BE IN RT OF THESE NOTES OR PLANS, THE MORE RESTRICTIVE GUIDELINE OR E FOLLOWED AND OVERRIDE THE LESSER.

RF EXPOSURE ALLOWED BY AT&T IS 1MWCM*2 AND THE OCCUPATIONAL LIMIT OWED BY AT&T IS 5MWCM*2

IE ANTENNA IS MOUNTED (8) EIGHT FEET ABOVE THE GROUND OR WORKING IE PERSONAL COMMUNICATION SYSTEM (PCS) AND DOES NOT EXCEED THE XPOSURE LIMIT THEN NO STRIPING OR BARRICADES SHOULD BE NEEDED.

OF RF EXPOSURE ON THE SITE IS EXCEEDED AND THE AREA IS PUBLICLY OF ACCESS DOOR THAT CANNOT BE LOCKED, OR FIRE EGRESS) THEN BOTH IPING SHALL BE PLACED AROUND THE ANTENNAS. THE EXACT EXTENT OF THE IPING SHALL BE DETERMINED BY THE EMF REPORT FOR THE SITE DONE AFTER COMPLETION OF SITE CONSTRUCTION. USE THE PLANS AS A GUIDELINE SUCH BARRICADES AND STRIPING.

OF RF EXPOSURE ON THE SITE IS EXCEEDED AND THE AREA IS PUBLICLY OF ACCESS DOOR THAT CANNOT BE LOCKED, OR FIRE EGRESS) THEN BOTH IPING SHALL BE PLACED AROUND THE ANTENNAS. THE EXACT EXTENT OF THE IPING SHALL BE PLACED AROUND THE ANTENNAS. THE EXACT EXTENT OF THE NG SHALL BE DETERMINED BY THE EMF REPORT FOR THE SITE DONE BEFORE COMPLETION OF SITE CONSTRUCTION. USE THE PLANS AS A GUIDELINE FOR BARRICADES AND STRIPING.

VAS REQUIRE A THREE LANGUAGE WARNING SIGN WRITTEN IN ENGLISH, E. THIS SIGN SHALL BE PROVIDED TO THE CONTRACTOR Y THE AT&T CT MANAGER AT THE TIME OF CONSTRUCTION. THE LARGER SIGN SHALL BE 1T AT ALL ROOF ACCESS LOCATIONS AND ON ALL BARRICADES. THE SMALLER ED ON THE ANTENNA ENCLOSURES IN A MANNER THAT IS EASILY SEEN BY ROOF. WARNING SIGNS SHALL COMPLY W/ ANSI C95.2 COLOR, SYMBOL, AND S. ALL SIGNS SHALL HAVE AT&T'S NAME AND THE COMPANY CONTACT LEPHONE NUMBER) TO ARRANGE FOR ACCESS TO THE RESTRICTED AREAS. BER SHALL BE PROVIDED TO THE CONTRACTOR BY THE AT&T CONSTRUCTION T THE TIME OF CONSTRUCTION.

PING, BARRICADES & SIGNAGE SHALL BE PART OF THE CONTRACTORS CLOSE LL BE TURNED INTO THE AT&T CONSTRUCTION PACKAGE & SHALL BE TURNED TRUCTION PROJECT MANAGER AT THE END OF CONSTRUCTION. STRIPING SHALL ESISTANT YELLOW SAFETY PAINT IN A CROSS-HATCH PATTERN AS DETAILED IN DRAWINGS. ALL BARRICADES SHALL BE MADE OF AN RF FRIENDLY MATERIAL C OR INTERFERE W/ THE OPERATION OF THE ANTENNAS. BARRICADES SHALL RESTRAINT YELLOW SAFETY PAINT. THE CONTRACTOR SHALL PROVIDE ALL RF IS NEEDED, & SHALL PROVIDE THE AT&T CONSTRUCTION PROJECT MANAGER W/

CH BARRICADE. UPON CONSTRUCTION COMPLETION.







DATE OF SURVEY: 04–17–17	Lease Area Description				
SURVEYED BY OR UNDER DIRECTION OF: KENNETH D. GEIL, R.C.E. 14803	All that certain lease area being a portion of the North 1/2 of Lot 7 as is shown on that Map filed for record at Book 13 of Parcel Maps, Page 106, El Dorado County Records, locate County of El Dorado, State of California, and being a portion of Section 18, Township 11 N.,				
LOCATED IN THE COUNTY OF EL DORADO, STATE OF	M.D.B.& M, and being more particularly described as follows:				
BEARINGS SHOWN ARE BASED UPON MONUMENTS FOUND AND RECORD INFORMATION. THIS IS NOT A BOUNDARY SURVEY.	Commencing at a 1-1/2" Capped Iron Pipe monument set at the Northeast corner of Parcel shown on that certain Parcel Map filed for record at Book 21 of Parcel Maps at Page 34, Off of El Dorado County, from which a similar monument set West 442.06 feet from the Southeas said parcel bears South 26°22'17" West 998.99 feet; thence from said point of commencemen 09°35'24" East 320.91 feet to the True Point of Beginning; thence from said True Point of Be				
ELEVATIONS SHOWN ON THIS PLAN ARE BASED UPON J.S.G.S. N.A.V.D. 88 DATUM. ABOVE MEAN SEA LEVEL.	North 46°36'50" East 45.00 feet; thence North 43°23'10" West 30.00 feet; thence South 46°36 45.00 feet; thence South 43°23'10" East 30.00 feet to the point of beginning.				
N.G.V.D. 1929 CORRECTION: SUBTRACT 2.62' FROM ELEVATIONS SHOWN.	Together with a non-exclusive easement for access and utility purposes fifteen feet in width centerline of which is described as follows: beginning at a point which bears South 43°23'10"				
CONTOUR INTERVAL: 1'	feet from the Southeast corner of the above described lease area and running thence South West 27.43 feet; thence through a tangent curve to the left having a radius of 20.00 feet th				
CONTRACTOR IS RESPONSIBLE TO VERIFY LEASE AREA PRIOR TO CONSTRUCTION.	arc distance of 31.20 feet; thence South 42°46'14" East 46.11 feet; thence through a tangent the left having a radius of 20.00 feet through an arc distance of 27.54 feet; thence North 5 East 34.31 feet; thence through a tangent curve to the right having a radius of 30.00 feet t				
ASSESSOR'S PARCEL NUMBER: 104-370-24-100	arc distance of 3.53 feet; thence North 65°04'17" East 25.36 feet; thence through a tangent the left having a radius of 30.00 feet through an arc distance of 10.13 feet; thence North 45				
OWNER(S): WOLFE FAMILY TRUST 9289 SHADOW BROOK PLACE GRANITE BAY, CA 95746	32.48 feet to a point on the centerline of the road commonly known as "Gate Lane" and run over and across said Lane as is shown hereon to the public right of way more commonly kno Salmon Falls Road.				

APN: 104-370-31-100





GENERAL NOTES	BMP INSTALLATION SCHEDULE				
1. THE CONTRACTOR SHALL HAVE A RESPONSIBLE PARTY, WHO SHALL HAVE THE AUTHORITY	BEST MANAGEMENT PRACTICE	LOCATION	IMPLEMENTATION SCHEDULE	MAINTENANCE SCHEDULE	
 ALL WORK SHALL BE ACCOMPLISHED TO THE SATISFACTION OF THE WASHOE COUNTY AUTHORIZED REPRESENTATIVE. 	A. PRESERVING EXISTING VEGETATION	AROUND PERIMETER OF PROJECT SITE	CONTINUOUS, UNTIL CONSTRUCTION IS COMPLETED	EDUCATE EMPLOYEES AND SUBCONTRACTORS REGARDING IMPORTANCE AT MAINTAINING EXISTING VEGETATION TO PREVENT EROSION AND FILER AND SEDIMENT IN RUNOFF FROM DISTURBED AREAS ON THE CONSTRUCTION SITE. INSPECT SITE PERIMETER MONTHLY TO VERIFY THE OUTSIDE VEGETATION IS	
DEFINITIONS: (ESC) – EROSION AND SEDIMENT CONTROL (NPDES) – NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (CWA) – CLEAN WATER ACT (SWPPP) – STORM WATER POLLUTION PREVENTION PLAN	B. PROTECT GRADED AREAS AND SLOPES FROM WASHOUT & EROSION	THROUGHOUT PROJECT SITE	DURING WET SEASON	NOT DISTURBED. INSPECT GRADED AREAS AND SLOPES ON AT LEAS A MONTHLY BASIS TO CHECK FOR EROSION. REGRADE TRIBUTARY AREAS OR INSTALL FILTER BARRIER OR SAND BAG DIKES AS NECESSARY TO PREVENT EROSION.	
(BMP'S) - BEST MANAGEMENT PRACTICES	C. GRAVEL FILTER	ALONG FLOW LINES OF UNPAVED ROADWAYS WITHIN	IN PLACE DURING WET SEASON UNTIL ROADWAYS ARE DAVED	INSPECT DAILY AND AFTER EACH STORM. REMOVE ONSITE SEDIMENT DEPOSITED BEHIND BERM OR BARRIER TO MAINTAIN EFFECTIVENESS.	
THE CONTRACTOR SHALL: MAKE HIM/HERSELF AWARE OF THE REQUIREMENTS OF SAID GENERAL PERMIT AND THE PROVISIONS OF THE GRADING & EROSION CONTROL PLANS.	D. INLET FILTER BAG	INLETS TO THE STORM DRAINAGE SYSTEM	CONTINUOUS UNTIL LANDSCAPING IS IN PLACE	INSPECT WEEKLY AND AFTER EACH STORM. REMOVING SEDIMENT AND DEBRIS BEFORE ACCUMULATIONS HAVE REACHED ONE THIRD THE DEPTH OF THE BA REPAIR OR REPLACE INLET FILTER BAG AS SOON	
IMPLEMENT THE ESC FEATURES AND BEST MANAGEMENT PRACTICES (BMP'S) CONTAINED IN THE IMPROVEMENT PLANS, AND OTHERWISE DILIGENTLY PURSUE COMPLIANCE WITH THE LOCAL REQUIREMENTS.	E. FIBER ROLL	SEE PLAN SHEET C-4	CONTINUOUS	DAMAGE OCCURS. INSPECT WEEKLY AND AFTER EACH STORM. REMOV SEDIMENT DEPOSITED BEHIND FIBER ROLL WHENEV	
ASSIST THE OWNER, ENGINEER, AND PUBLIC WORKS DEPARTMENT STAFF IN THE ASSESSMENT OF THE FUNCTIONALITY OF AND MODIFICATIONS TO THE FEATURES AND PRACTICES IMPLEMENTED AND PROPOSED.	F. HYDROSEEDING	3:1 SLOPES	IN PLACE DURING BY SEPT. 15	INSPECT SLOPES ON AT LEAST A MONTHLY BASIS CHECK FOR EROSION. IF EROSION IS NOTED,	
MEET WITH THE OWNER AND THE PUBLIC WORKS DEPARTMENT STAFF TO DETERMINE AND DISCUSS THE STATUS OF THE PROJECT, CONSTRUCTION SCHEDULE, AND ANY MODIFICATIONS AND/OR ADDITIONS TO THE ESC FEATURES IN ORDER TO DILIGENTLY PURSUE COMPLIANCE.	G. STABILIZED CONSTRUCTION ENTRANCE	ENTRANCES TO SITE FROM PUBLIC ROADWAYS	CONTINUOUS, UNTIL ENTRANCES AND ONSITE ROADWAYS	SPREAD STRAW MULCH OVER AFFECTED AREAS. INSPECT ON A MONTHLY BASIS AND AFTER EACH RAINFALL. ADD AGGREGATE BASE MATERIAL WHENE' NECESSARY TO PREVENT SEDIMENT FROM BEING	
DOCUMENT ANY MAINTENANCE, REPLACEMENT, INSPECTION, MODIFICATIONS OR ADDITIONS TO THE PROJECT ESC FEATURES, AND NOTIFY THE ENGINEER. OWNER AND PUBLIC WORKS DEPARTMENT STAFF OF ANY SUBSTANTIAL MODIFICATIONS OR ADDITIONS TO THE ESC PRACTICES AND FEATURES. ALL DISTURBED AREAS SHALL BE PROTECTED WITH APPROVED MATERIALS WITHIN 15 DAYS OF COMPLETION OF THE FINISHED GRADES	H. WIND EROSION CONTROL PRACTICES	WHEREVER NECESSARY THROUGHOUT PROJECT SITE	ARE PAVED CONTINUOUS UNTIL GRADING IS COMPLETED AND SOILS HAVE STABILIZED	TRACKED INTO PUBLIC STREET. INSPECT SITE DURING WINDY CONDITIONS TO IDENTIFY AREAS WHERE WIND EROSION IS OCCURRING AND ABATE EROSION AS NECESSARY	
MAINTAIN AN INVENTORY OF ESC MATERIALS (STRAW BALES, 1.5" - 3" CLEAN CRUSHED ROCK, FIBER ROLLS, SILT FENCE, ROCK BAGS, ETC.) ON SITE FOR EMERGENCY USE AS DIRECTED BY	I. GOOD HOUSEKEEPING MEASURES	THROUGHOUT PROJECT SITE	CONTINUOUS UNTIL CONSTRUCTION IS COMPLETED	INSPECT SITE ON AT LEAST A MONTHLY BASIS TO VERIFY THAT GOOD HOUSEKEEPING PRACTICES ARE BEING IMPLEMENTED.	
THE ENGINEER, OWNER, OR THE PUBLIC WORKS DEPARTMENT STAFF. <u>OTHER RESPONSIBILITIES OF APPLICANT</u> :	J. 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 STORI IN A MANNER, WHICH COULD NOT CAUSE STORM WATER POLLUTION.	
A. PROTECTION OF UTILITIES. THE APPLICANT SHALL BE RESPONSIBLE FOR THE PREVENTION OF DAMAGE TO ANY PUBLIC UTILITIES OR SERVICES.B. PROTECTION OF ADJACENT PROPERTY. THE APPLICANT SHALL BE RESPONSIBLE	K. 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 DISPOS OF AT LEGAL DISPOSAL SITE, DAILY.	
C. FOR THE PREVENTION OF DAMAGE TO ADJACENT PROPERTY. NO PERSON(S) SHALL EXCAVATE ON LAND THAT IS SO CLOSE TO THE PROPERTY LINE AS TO ENDANGER ANY ADJOINING PUBLIC STREET SIDEWALK ALLEY STRUCTURE OF OTHER PUBLIC OF PRIVATE PROPERTY OF	1) CONCRETE SPILL CLEANUP INCLUDING 1) PAINT & PAINTING SUPPLIES	MATERIAL HANDLING AREA	IMMEDIATELY AT TIME OF SPILL	INSPECT MATERIAL HANDING AREAS ON AT LEAST MONTHLY BASIS TO VERIFY PROPER SPILL CLEANU	
EASEMENT WITHOUT SUPPORTING AND PROTECTING SUCH PROPERTY FROM ANY DAMAGE WHICH MIGHT OTHERWISE RESULT.	2) VEHICLE FUELING MAINTENANCE & CLEANING	DESIGNATED AREA WITH SECONDARY CONTAINMENT	CONTINUOUS	KEEP AMPLE SUPPLIES OF SPILL CLEANUP MATERIALS ON SITE & INSPECT ON REGULAR SCHEDULE.	
 D. ADVANCE NOTICE. THE APPLICANT SHALL NOTIFY THE COUNTY AT LEAST FORTY-EIGHT HOURS PRIOR TO THE START OF WORK. E. EROSION AND SEDIMENT CONTROL. IT SHALL BE THE SOLE RESPONSIBILITY OF THE APPLICANT TO PREVENT DISCHARGE OF SEDIMENT FROM THE SITE, IN QUANTITIES GREATER THAN BEFORE 	L. 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.	
F. COMPLIANCE WITH STORMWATER RUNOFF POLLUTION CONTROL CODE. AT ALL TIMES DURING THE PRECONSTRUCTION AND CONSTRUCTION OF ANY PROJECT FOR WHICH GRADING APPROVAL IS ISSUED UNTIL ALL FINAL IMPROVEMENTS AND PERMANENT STRUCTURES ARE COMPLETE, THE APPLICANT SHALL FULLY COMPLY WITH ALL APPLICABLE REQUIREMENTS OF THE STORMWATER RUNOFF POLLUTION CONTROL CODE.	2. PHASES OF GRADIN INITIAL (STAGE 1): ROUGH (STAGE 2): FINAL (STAGE 3):	ON MEASURES IF WET N IG WHEN CLEARING AND G WHEN CUT AND FILL A UNDERGROUND PIPING, WHEN FINAL ELEVATIONS ACCEPTANCE.	WEATHER IS EXPECTED D RUBBING ACTIVITIES OCCI CTIVITIES OCCUR AND TH STREETS, SIDEWALKS, AN ARE SET, AND SITE IMP	URING THE DRY SEASON. UR. IE SITE IMPROVEMENTS ARE CONSTRUCTED, INCLUDIN ND OTHER IMPROVEMENTS. IROVEMENTS ARE COMPLETED AND READY FOR COUN	
EROSION CONTROL NOTES		REQ	UIRED .	BMPS	
1, ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE CONSTRUCTED AND MAINTAINED IN ACCORDANCE WITH THE COUNTY IMPROVEMENT STANDARDS, CURRENT EDITION, AND THE COUNTY EROSION AND SEDIMENT CONTROL GUIDELINES.	THE FOLLOWING BMPS	SHALL BE REQUIR	RED ON ALL PROJEC	TS: A STABILIZED CONSTRUCTION ACCESS.	
2. EROSION CONTROL BEST MANAGEMENT PRACTICES (BMPs) SHALL BE INSTALLED AND MAINTAINED DURING THE WET SEASON (OCTOBER THROUGH APRIL 30). SEDIMENT CONTROL	B. THE PRESERVATION OF EXISTING VEGET	OF EXISTING VEGE TATION, AND SILT F	ETATION SHALL BE DE	OONE IN ACCORDANCE WITH PRESERVATION	
3. ALL DRAINAGE INLETS IMMEDIATELY DOWNSTREAM OF THE WORK AREAS AND WITHIN THE WORK AREAS SHALL BE PROTECTED WITH SEDIMENT CONTROL AND INLET FILTER BAGS, YEAR ROUND. INLET FILTER BAGS SHALL BE REMOVED FROM THE DRAINAGE INLETS UPON ACCEPTANCE OF THE PUBLIC IMPROVEMENTS BY THE COUNTY.	 C. PERIMETER PROTECT VEGETATION, OR SI D. SLOPES GREATER - (H:V) SHALL HAVE 	TION ALONG PROPI ILT FENCE. THAN 3 PERCENT S HYDROSEEDING AN	ERTY LINES SHALL H SHALL BE TEMPORAR D/OR GEOTEXTILES,	HAVE PRESERVATION OF EXISTING TILY SEEDED AND SLOPES GREATER 3:1 PLASTIC COVERS, AND/OR EROSION	
4. ALL AREAS DISTURBED DURING CONSTRUCTION, BY GRADING, TRENCHING, OR OTHER ACTIVITIES, SHALL BE PROTECTED FROM EROSION DURING THE WET SEASON (OCTOBER 1 THROUGH APRIL 30). HYDROSEED, IF UTILIZED, MUST BE PLACED BY SEPTEMBER 15. HYDROSEED PLACED DURING THE WET SEASON SHALL USE A SECONDARY EROSION PROTECTION METHOD.	E. THE TOE OF ALL S F. DISTURBED SOIL AF	S INSTALLED. SLOPES SHALL HAVE REAS BEHIND THE (E SILT FENCE AND/	OR FIBER ROLL. WALK (OR CURB) SHALL HAVE STRAW	
5. SENSITIVE AREAS AND AREAS WHERE EXISTING VEGETATION IS BEING PRESERVED SHALL BE PROTECTED WITH CONSTRUCTION FENCING. SEDIMENT CONTROL BMPs SHALL BE INSTALLED WHERE ACTIVE CONSTRUCTION AREAS DRAIN INTO SENSITIVE OR PRESERVED VEGETATION AREAS.	MULCH, SOIL BIND IN CONJUNCTION W 6 METERS (20 FEB	ERS OR GEOTEXTILE WITH HYDROSEEDING ET) OR TO THE TOP	ES, PLASTIC COVERS 5. SURFACE TREATME P OF SLOPE.	AND EROSION CONTROL BLANKETS/MATS	
6. SEDIMENT CONTROL BMPs SHALL BE PLACED ALONG THE PROJECT PERIMETER WHERE DRAINAGE LEAVES THE PROJECT. SEDIMENT CONTROL BMPs SHALL BE MAINTAINED YEAR ROUND UNTIL THE CONSTRUCTION IS COMPLETE OR THE DRAINAGE PATTERN HAS BEEN CHANGED AND NO LONGER LEAVES THE SITE	 G. ROADWAY SUBGRADES SHALL HAVE FIBER ROLL, SILT FENCE, OR SEDIMENT TRAP. H. DEAD END STREETS, TO BE EXTENDED IN THE FUTURE, SHALL HAVE PRESERVATION OF EXISTING VEGETATION, HYDROSEEDING, SEDIMENT TRAP OR OTHER APPLICABLE BMP TO MINIMIZE THE TRANSPORT OF SEDIMENT ONTO OR FROM THE IMPROVED SURFACE. 				
7. THE FOLLOWING AREAS ARE TO RECEIVE HYDROSEEDING OR OTHER EROSION CONTROL: ALL SLOPES GREATER THAN 10:1.	I. PROJECTS THAT INC J. PLACE DRAINAGE IN	LUDE DETENTION B	BASINS SHALL HAVE	A SEDIMENT BASIN. RAIN INLETS. BMPS SHALL INCLUDE INLET	
8. FOR DEWATERING OPERATIONS, SEDIMENT- LADEN STORM WATER SHALL BE EITHER PUMPED (NOTE 10) OR ROUTED (TEMPORARY DIVERSION SWALE) TO SEDIMENT TRAP(S) TO ALLOW SEDIMENT TO SETTLE OUT BEFORE DISCHARGE OFF-SITE. ONCE SEDIMENT HAS SETTLED OUT,	K. EACH CONSTRUCTION NECESSARY.	DARRIER, INLET F	VIDE DESIGNATED, F	PAINT AND WASTE DISPOSAL LOCATIONS AS	
9. USE OF FIBER ROLLS SHALL BE AUGMENTED DURING WET SEASON WITH DEWATERING BMP'S IN THE EVENT THAT FIBER ROLLS DO NOT EFFECTIVELY RETAIN STORM WATER ON SITE. DEWATERING MAY INCLUDE PUMPS OR BERMS TO ROUTE WATER TO THE SEDIMENT TRAP. IF PUMPS ARE USED, THEN FILTER BAGS SHALL BE USED AT DISCHARGE HOSE ENDS.	L. A BMP INSTALLATIO SHALL INCLUDE TH	N SCHEDULE SHALI E BMPS FOR BOTH	L BE INCLUDED ON I THE WET SEASON	THE IMPROVEMENT PLANS. THE SCHEDULE AND THE DRY SEASON.	

GRADING STANDARDS	(g) PROPOSE A NEW OR MODIFIED EROSION AND SEDIMENT CONTROL TECHNIQUE IF THE TECHNIQUE IS PREFERI
ENGINEERING GEOLOGY REPORT, GRADING ACTIVITIES SHALL CONFORM TO THE PROVISIONS OF THIS SECTION.	(h) CONDUCT FREQUENT SITE INSPECTIONS TO ENSURE THAT CONTROL MEASURES ARE WORKING PROPERLY AN
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 A 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 STAB	(i) EMPLOY OTHER MEANS OF EROSION AND SEDIMENT CONTROL AS REQUIRED BY THE CHIEF BUILDING OFFICIA AS APPLICABLE. (2) SEDIMENT CONTROL
AND NOT CREATE A HAZARD TO PROPERTY OR THE ENVIRONMENT.	(a) USE SEDIMENT BASINS, SILT TRAPS, OR SIMILAR MEASURE TO RETAIN SEDIMENT TRANSPORTED BY RUNOFF
B. FILL SLOPE AND PREPARATION (1) PREPARATION OF GROUND THE GROUND SURFACE SHALL BE PREPARED TO RECEIVE FUL BY REMOVING VEGETATION NON-COMPLYING FUL TOPSOU AND OTH	(b) COLLECT AND DIRECT SURFACE RUNOFF AT NON-EROSIVE VELOCITIES TO THE COMMON NATURAL WATERCO
UNSUITABLE MATERIALS SCARIFYING TO PROVIDE A BOND WITH THE NEW FILL.	(c) AVOID CONCENTRATING SURFACE WATER ANYWHERE EXCEPT SWALES OR WATERCOURSES.
(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 MAXIMU DIMENSION GREATER THAN 12 INCHES (0.31 M) SHALL BE BURIED OR PLACED IN FILLS.	(d) PREVENT MUD FROM BEING TRACKED ONTO THE PUBLIC ROADWAY BY TRAVELING OVER A TEMPORARY GRA TIRES BEFORE ENTERING A PUBLIC OR PRIVATE DRIVEWAY. (3) SLOPE CONSTRUCTION
(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. TH FOLLOWING CONDITIONS SHALL ALSO APPLY:	(a) MINIMIZE LENGTH AND STEEPNESS OF SLOPES BY BENCHING, TERRACING OR CONSTRUCTING DIVERSION STR (b) PRESERVE, MATCH, OR BLEND CUTS AND FILLS WITH THE NATURAL CONTOURS AND UNDULATIONS OF THE
(a) PRIOR TO ISSUANCE OF THE GRADING PERMIT, POTENTIAL ROCK DISPOSAL AREAS SHALL BE SHOWN ON THE GRADING PLAN.	(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 GEOLOGIC
(b) ROCK SIZES GREATER THAN 12 INCHES (0.31 M) IN MAXIMUM DIMENSION SHALL BE 10 FEFT (3.05 M) OR MORE BELOW GRADE, MEASURED VERTICALLY.	SLOPES ARE SAFE AND EROSION AND SEDIMENT CONTROL MEASURES CAN SUCCESSFULLY PREVENT EROSIC (4) PROTECTION OF WATERCOURSES AND DRAINAGE IN ETS
(c) ROCKS SHALL BE PLACED SO AS TO ASSURE FILLING OF ALL VOIDS WITH WELL-GRADED SOIL.	(a) PREPARE DRAINAGEWAYS TO HANDLE CONCENTRATED OR INCREASED RUNOFF FROM DISTURBED AREAS BY ABSORBING DEVICES TO REDUCE THE VELOCITY OF RUNOFF WATER.
 (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) CLODE THE CLODE OF FULL SUBSTORY OF NO OTFEDED THAN IS CAFE FOR 	(b) TRAP SEDIMENT-LADEN RUNOFF IN BASINS TO ALLOW SOIL PARTICLES TO SETTLE OUT BEFORE FLOWS ARE STREETS OR ADJACENT PROPERTY. THIS STANDARD IS NOT MANDATORY FOR GRADING THE SITE IS FULLY CONDUCTED BETWEEN APRIL 15 AND OCTOBER 15 OCTOBER 15. REMOVE TRAPPED SEDIMENT TO A SUITAB
(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).	APPROVED BY THE COUNTY. (c) DO NOT GRADE OR DRIVE EQUIPMENT IN A STREAMSIDE MANAGEMENT OR OTHER WET AREAS EXCEPT AS A
2. SETBACKS	MANAGEMENT AREA ORDINANCE.
b. ACCORDANCE WITH THIS SECTION. SETBACK DIMENSIONS SHALL BE HORIZONTAL DISTANCES MEASURED PERPENDICULAR TO THE SITE BOUNDARY.	(d) DEPOSIT OR STORE EXCAVATED MATERIALS AWAY FROM WATERCOURSES.
c. TOP OF CUT SLOPE. THE TOP OF CUT SLOPES SHALL NOT BE MADE NEARER TO A SITE	(e) PROTECT ALL EXISTING OR NEWLT INSTALLED STORM DRAINAGE STRUCTORES FROM SEDIMENT CLOGGING. (f) (F) USE STRAW BALES, FILTER FABRIC WRAPS AND DRAINAGE INLET PROTECTIONS IN A MANNER THAT DOE
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	ROADWAY. (5) DISPOSAL OF EXCAVATED MATERIALS
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 DEVELOPE SPECIAL PRECAUTIONS SHALL BE INCORPORATED IN THE WORK AS THE BUILDING OFFICIAL DEEMS NECESSARY TO PROTECT THE ADJOINING PROPERTY FROM DAMAGE AS RESULT OF SUCH GRADING. THESE PRECAUTIONS MAY INCLUDE BUIL ARE NOT LIMITED TO:	D, A (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 OFFSIT
(1) ADDITIONAL SETBACKS.	(c) PROTECT STOCKPILED SOIL PROMPTLY THROUGH THE USE OF APPROPRIATE BMPS TO REDUCE THE RISK OF OTHER PROTECTIVE COVERINGS ON STOCKPILED MATERIAL THAT WILL BE EXPOSED THROUGH THE WINTER SI
(2) PROVISION FOR RETAINING, OR SLOUGH WALLS. (3) MECHANICAL OR CHEMICAL TREATMENT OF THE FILL SLOPE SURFACE TO MINIMIZE	(d) DISPOSE OF EXCAVATED MATERIAL NOT USED AT THE SITE AT A LOCATION APPROVED BY THE COUNTY. (6) DUST CONTROL
EROSION. (4) PROVISIONS FOR THE CONTROL OF SURFACE WATERS.	(a) ALL CONSTRUCTION AREAS, INCLUDING DISPOSAL SITES, SHALL BE TREATED AND MAINTAINED AS NECESSAF SHALL BE CONDUCTED AS NECESSARY TO PREVENT A NUISANCE TO OFFSITE PROPERTIES.
e. MODIFICATION OF SETBACKS. THE BUILDING OFFICIAL MAY APPROVE ALTERNATE	(b) ALL CONSTRUCTION SITES, INCLUDING DRIVEWAYS, SHALL BE MAINTAINED AS NECESSARY TO MINIMIZE THE
RECOMMENDATION BY A QUALIFIED ENGINEER OR ENGINEERING GEOLOGIST TO DEMONSTRATE THAT THE INTENT OF THIS SECTION HAS BEEN SATISFIED.	(7) REVEGETATION
3. MAINTENANCE REQUIRED. THE PROPERTY OWNER SHALL BE RESPONSIBLE FOR ADEQUATELY MAINTAINING ALL DRAINAGE FACILITIES INSTALLED PURSUANT TO THIS SECTION.	 (a) APPLY TEMPORARY SEEDING AND MULCHING TO DENUDED AREAS PRIOR TO OCTOBER 15 UNLESS THE PROJ (b) ESTABLISH A PERMANENT VEGETATIVE COVER ON DENUDED AREAS NOT OTHERWISE STABILIZED. PERMANENT FROSION SATISFACTORILY AND SURVIVE SEVERE WEATHER CONDITIONS.
 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. 	 (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 CH (e) USE NATIVE PLANT SPECIES WHENEVER FEASIBLE.
 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 SHAL 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—COMMENCEMEN OF SUCH GRADING. 5. EROSION AND SEDIMENTATION CONTROL A. ADMINISTRATION 	L T
 (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. 	Æ
 (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 	N. SEE PLAN $12^{"}$ EQ.
(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 PRESERVENTION SCENIC QUALITIES.	CRADE TO 2% SLOPE REFORE
(c) VEGETATE AND MULCH DENUDED AREAS TO PROTECT THEM FROM WINTER RAINS.	PLACING WEED BARRIER CLOTH
(d) DIVERT RUNOFF AWAY FROM STEEP, DENUDED SLOPES OR OTHER CRITICAL AREAS WITH BARRIERS, BERMS, DITCHES OR OTHER FACILITIES.	NEW WEED BARRIER CLOTH
(e) LIMIT CONSTRUCTION, CLEARING OF VEGETATION AND DISTURBANCE OF THE SOIL TO AREAS OF PROVEN STABILITY. MITIGATE GEOLOGIC HAZARDS AND ADVERSE SO CONDITIONS WHEN THEY ARE ENCOUNTERED.	IL IYP. ROAD WIDTH +36"
(f) REDUCE SEDIMENT TRANSPORT OFF THE SITE TO THE MAXIMUM EXTENT FEASIBLE THROUGH THE USE OF BEST MANAGEMENT PRACTICES (BMPS).	
	IIP. A/C ROA

RRED AND MEETS THE INTENT OF THESE REGULATIONS.		
ND TO CORRECT PROBLEMS AS NEEDED. AL OR DIRECTOR OF THE DEPARTMENT OF PUBLIC WORKS	PROPRIETARY INFORMATION THE INFORMATION CONTAINED IN THE	IS
WATER ONSITE.	BY NATURE, ANY USE OR DISCLOSURE OTHER THAN THAT WHIC RELATES TO PEEK SITE-COM IS	н
OURSE OF THE DRAINAGE AREA.	STRICTLY PROHIBITED	
AVEL CONSTRUCTION ENTRANCE OR WASHING OFF VEHICLE		
RUCTURES		
LAND.		
CAL AND ENGINEERING ANALYSIS INDICATES THAT STEEPER ON.	at&t	
USING APPROPRIATE LINING MATERIALS OR ENERGY	5001 EXECUTIVE PKWY	
E RELEASED TO RECEIVING WATERS, STORM DRAINS, Y WINTERIZED AND STABILIZED PRIOR TO <u>AND WHEN</u> BLE LOCATION ON-SITE OR AT A DISPOSAL SITE	SAN RAMON, CA 94583	
ALLOWED THROUGH THE COUNTY STREAMSIDE	PROJECT INFORMATION:	
	ZEE ESTATES GATE LANE 1,000' SOUTH EAST OF THE INTERSECTION OF GATE LANE AND SALMON FALLS ROAD	2
ES NOT CAUSE ADDITIONAL EROSION OR FLOODING OF A	PILOT HILL, CA 95664 FREV: = DATE: ====== B	 IY: =
	1 6-29-17 90% ZONING DOC'S RE	в
	1 8-3-17 90% ZONING DOC'S AL	Р
TE SEDIMENT DISCHARGE.	2 8–9–17 100% ZONING DOC'S AL	.P
F EROSION AND SEDIMENT TRANSPORT. APPLY MULCH OR SEASON.		
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AT VEGETATION GROUND COVER MUST CONTROL SOIL		
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	Auburn, California 95602	
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CVL03629 Zoning Propagation Map

June 13, 2017

Attachment 2 Site 6 Zee Estates

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EXISTING LTE 700 Coverage (RC = 150')

PROPOSED LTE 700 Coverage (RC = 150')

Search Ring's Description and Objectives:

AT&T Mobility is proposing to build and maintain an unmanned wireless telecommunication facility consisting of a 30' x 45' (1350) square foot enclosed compound (lease area). The compound will include a 160 foot Stealth Monopine tower, one equipment shelter, one 35kw standby propane generator, and one 500 gallon propane tank. This facility will be located right off of Gate Lane, within El Dorado County's jurisdiction in a 60 acre LA-10 zone. The site is approximately 1.3 miles east of Acorn Creek and the area consists of evergreen trees, and rolling hills with rocky terrain.

AT&T's objective for the Zee Estates site is to provide wireless hi-speed broadband internet to a minimum of 255 LU's and cellular services to the nearby residences. This site is to provide hi-speed internet and enhanced cellular coverage & capacity to the Pilot Hill area, in all directions of the search ring which is a relatively dense underserved area. The site location's elevation is approximately 1,560 feet while the surrounding community's elevation averages around 1,450 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 255 homes.

Attachment 3 Site 6 Zee Estates

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. Each Alternative Site is discussed below:

Zee Estates Alternative Candidate B: 4150 Pilot View Court, Pilot Hill, CA 95664 Latitude/Longitude: 38.819931, -121.031460 Proposal – New Tower

Considerations:

Candidate B is located approximately 0.60 miles north of the center of AT&T's search ring. The proposed tower would be located on a 5.26 acre, RE-5 zoned property owned by Brian Cummings. The property is located on the south side of Pilot View Court and the site was proposed on the west 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 Gate Lane (Subject Parcel).

Zee Estates Alternative Candidate C: 5081 Salmon Falls Road, Pilot Hill, CA 95664 Latitude/Longitude: 38.819348, -121.008285 Proposal – New Tower

Considerations:

Candidate C 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 145 acre, LA-10 zoned property owned by Richard and Ellen Wolfe. The property is located on the east side of Salmon Falls Road 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 Gate Lane (Subject Parcel).

Actual View of the Proposed Location:

The proposed lease area is located on the south-west side of the subject property. The site will not interfere with the existing use of the property. Access will be directly off of Gate Lane. 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 6 Zee Estates

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Shot Point Map 18-1299 F 27 of 32

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 = 40'
 - a. Generator Decibel level at 40' = 53.3 dBa
 - b. HVAC Decibel level at 40' = 48.3 dBa
- 2. Distance to alternative nearest property line = 75'
 - a. Generator Decibel level at 75' = 47.84 dBa
 - b. HVAC Decibel level at 75' = 42.84 dBa
- 3. Distance to a nearest residence = 310
 - a. Generator Decibel level at 310' = 35.52 dBa
 - b. HVAC Decibel level at 310' = 30.51 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 <u>within</u> 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	Daytime 7 a.m. – 7 p.m.		Evening 7 p.m. – 10 p.m.		Night 10 p.m. – 7 a.m.	
Descriptor	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

Attachment 5 Site 6 Zee Estates

Radio Frequency Emissions Compliance Report For AT&T Mobility Site Name: Site Structure Type: Monopine Zee Estates Gate Lane 1.000' South East of the Address: Latitude: 38.810023 intersection of Gate Lane and Salmon Falls Road Pilot Hill. CA Longitude: -121.020325Report Date: July 17, 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 Zee Estates site located at Gate Lane 1,000' South East of the intersection of Gate Lane and Salmon Falls Road, Pilot Hill, 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.

	Limits for General Population/ Uncontrolled Exposure		Limits for Occupational/ Controlled Exposur		
Frequency (MHz)	Power Density (mW/cm²)	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 6 Zee Estates

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) RRUS-32

The antennas will be mounted on a 160-foot Monopine 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 26,556 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 0.4105% of the FCC General Population limits (0.0821% 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 0.7055% of the FCC General Population limits (0.1411% 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 Gate Lane 1,000' South East of the intersection of Gate Lane and Salmon Falls Road, Pilot Hill, 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.

