

SITE NUMBER: CVL03175 SITE NAME: PILOT HILL 2

3100 TRIPLE SEVEN RD COOL, CA 95614

PROJECT INFORMATION PROJECT TEAM SHEET INDEX TITLE SHEET T-1SITE NAME: ENGINEERING FIRM: GN-1GENERAL NOTES AT&T MOBILITY SITE NUMBER: PEEK SITE-COM SITE SIGNAGE 12852 EARHART AVE SUITE 101 FA LOCATION#: 13787607 GN-25001 EXECUTIVE PKWY SAN RAMON, CA 94583 AUBURN, CA 95602 SITE SURVEY C-1SITE ADDRESS: 3100 TRIPLE SEVEN RD (530) 885-6160 EROSION CONTROL PLAN & DETAILS C-2COOL, CA 95614 CONSTRUCTION MANAGER: GRADING NOTES & DETAILS PETE MANAS SITE ACQUISITION & PLANNING: C-3EPIC WIRELESS JARED KEARSLEY GRADING PLAN C-4ASSESSORS PARCEL NUMBER: 071-032-15-100 8700 AUBURN FOLSOM ROAD, SUITE 400 EPIC WIRELESS OVERALL SITE PLAN A-1LATITUDE: 38.88983° GRANITE BAY, CA 95746 8700 AUBURN FOLSOM ROAD, SUITE 400 LONGITUDE: -120.9976° A-2EQUIPMENT PLAN GRANITE BAY, CA 95746 (530) 383-5957 SITE ELEVATION: 1,621' AMSL (916) 755–1326 A-3ANTENNA PLAN <u>SITE SURVEY</u> A - 3.1DETAILS RE-5 EL DORADO COUNTY ZONING: GEIL ENGINEERING <u>CIVIL VENDOR:</u> JURISDICTION: 1226 HIGH STREET VINCULUMS CONSTRUCTION MANAGER A-4**ELEVATIONS** COUNTY: AUBURN, CA 95603 EL DORADO KEN ABEL A - 4.1**ELEVATIONS** KABEL@VINCULUMS.COM (530) 885-0426 PROPERTY OWNER: (916) 844-4602 3100 TRIPLE SEVEN RD OWNER ADDRESS: RF ENGINEER: COOL, CA 95614 ASAD SHAHBAZ MS455V@ATT.COM <u>RFDS VERSION/DATE:</u> 1.00.00 / 04-13-17

AT&T:

VENDOR:

ZONING:

PG&E:

LEASING/LANDLORD:

CONSTRUCTION:

POWER/TELCO:

VICINITY MAP CODE COMPLIANCE DIRECTIONS FROM AT&T DIRECTIONS FROM AT&T'S OFFICE AT 5001 EXECUTIVE PARKWAY, SAN RAMON, CA 94583 ALL WORK AND MATERIALS SHALL BE PERFORMED AND INSTALLED IN ACCORDANCE WITH THE CURRENT EDITIONS OF THE FOLLOWING CODES AS FACILITY. AT&T WILL INSTALL: ADOPTED BY THE LOCAL GOVERNING AUTHORITIES. NOTHING IN THESE PLANS IS TO BE CONSTRUED TO PERMIT WORK NOT CONFORMING TO THESE CODES. 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 1. 2016 CALIFORNIA BUILDING CODE 4. USE THE RIGHT 2 LANES TO MERGE ONTO I-680 N VIA THE RAMP TO SACRAMENTO 2. 2016 CALIFORNIA FIRE CODE 5. MERGE ONTO I-680 N 3. 2016 CALIFORNIA ELECTRICAL CODE 6. KEEP LEFT TO STAY ON I-680 N 4. 2016 CALIFORNIA PLUMBING CODE KEEP LEFT AT THE FORK TO STAY ON I-680 N 5. 2016 CALIFORNIA MECHANICAL CODE 8. KEEP LEFT AT THE FORK TO CONTINUE ON I-680 6. 2016 CALIFORNIA HEALTH AND SAFETY CODE 9. USE ANY LANE TO TAKE EXIT 71A TOWARD I-80 E/SACRAMENTO 10. MERGE ONTO I-80 E • (1) NEW GPS ANTENNA 11. KEEP LEFT AT THE FORK TO STAY ON I-80 E 12. KEEP RIGHT AT THE FORK TO STAY ON I-80 E, FOLLOW SIGNS FOR RENO 13. TAKE EXIT 119C FOR ELM AVE 14. TURN LEFT ONTO ELM AVE (SIGNS FOR DOWNTOWN/AUBURN) • (12) NEW ANTENNAS 15. TURN LEFT ONTO CA-49 S/EL DORADO ST/HIGH ST 16. TURN RIGHT ONTO CA-193 E/CA-49 S/EL DORADO ST 17. CONTINUE TO FOLLOW CA-193 E/CA-49 S 18. TURN LEFT ONTO CA-193 E 19. TURN RIGHT ONTO TRIPLE 7 RD - SITE LOCATION OCCUPANCY & CONST. TYPE SPECIAL INSPECTIONS *APPROVALS* APPROVED BY: INITIALS: DATE: *SEE SPECIAL INSPECTION FORM OCCUPANCY: U (UNMANNED)

1. POST-INSTALLED ANCHORS

2. HIGH STRENGTH BOLTING

Attachment 1

Site 1 Cool (formerly Pilot Hill 2)

CONSTRUCTION TYPE: V-B

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

PROJECT DESCRIPTION

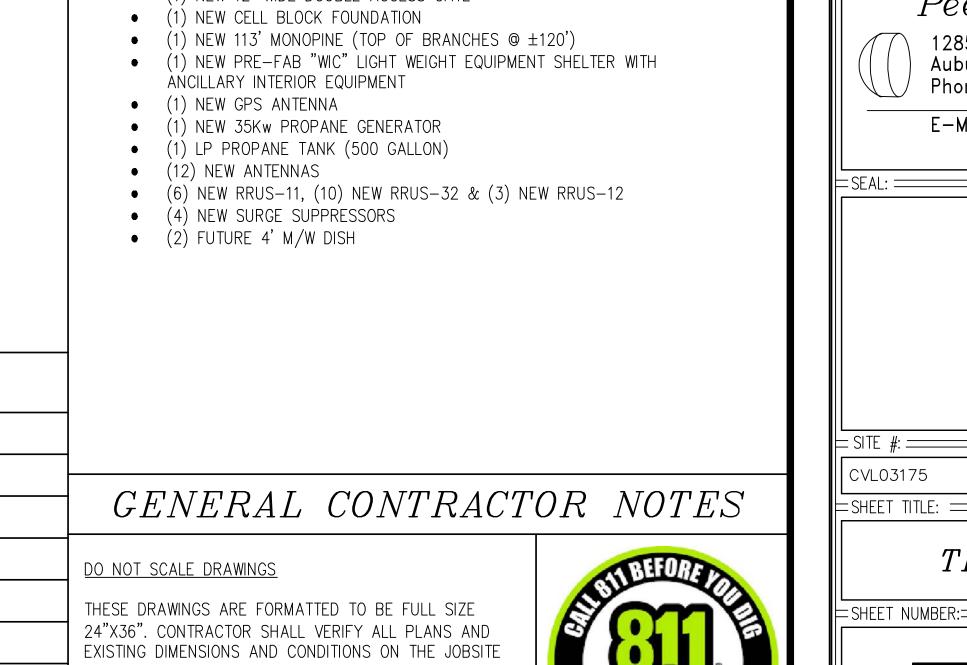
AT&T PROPOSES TO CONSTRUCT A NEW UNMANNED TELECOMMUNICATIONS

- (1) NEW 12' WIDE GRAVEL ACCESS ROAD
- (1) NEW 36'X36' LEASE AREA
- (1) NEW 6' CHAIN LINK FENCE
- (1) NEW 12' WIDE DOUBLE ACCESS GATE

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.



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: =



5001 EXECUTIVE PKWY SAN RAMON, CA 94583

= PROJECT INFORMATION:

PILOT HILL 2

3100 TRIPLE SEVEN RD COOL, CA 95614

REV: =	= DATE: ====	DESCRIPTION:	
1	6-19-17	90% ZONING DOC'S	R
2	8-14-17	100% ZONING DOC'S	F
= COOR	DINATING EN	GINEER:	•

Peek Site-Com



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

E-Mail info@peeksitecom.com

=SEAL: =



= DRAWN BY: = = SITE #: = = CHK.: ==== CVL03175 =SHEET TITLE: =

TITLE SHEET

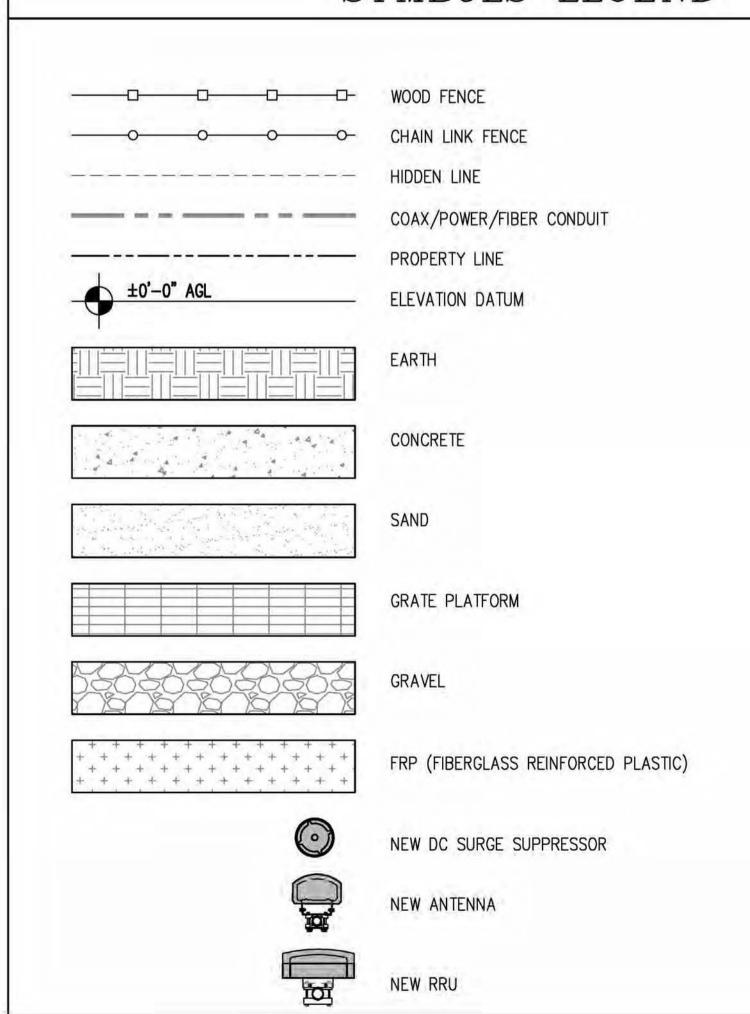
GENERAL CONSTRUCTION NOTES:

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

ABBREVIATIONS

ABV.	ABOVE	L.F.	LINEAR FEET (FOOT)
ADD'L	ADDITIONAL	MAX.	MAXIMUM
	ABOVE GROUND LEVEL	M.B.	MACHINE BOLT
ALUM.		MECH.	MECHANICAL
	APPROXIMATELY	MFR.	MANUFACTURER
AWG.	AMERICAN WIRE GAUGE	MIN.	
BLDG.		MISC.	
BLK.	BLOCKING	MTL	METAL
CAB.		(N)	NEW
CONC.			
	CONNECTION(OR)	NO. (#)	NUMBER NOT TO SCALE
CONST.	마시아 [시 가입니다] 아이를 가입니다 나를 가입니다 때문에 나를 하는데	N.T.S.	
CONT.	CONTINUOUS	O.C.	ON CENTER
	DOUBLE	P/C	PRECAST CONCRETE
	DEPARTMENT	PPC	
		P.S.F.	POUNDS PER SQUARE FOOT
	DOUGLAS FIR		POUNDS PER SQUARE INCH
DIA.			PRESSURE TREATED
	DIMENSION		QUANTITY
EA.	EACH	RAD. (R)	RADIUS
EL.	ELEVATION	REF.	REFERENCE
	ELECTRICAL METALLIC TURNS	REINF.	REINFORCEMENT(ING)
EMT.		REQ.'D	
ENG.	ENGINEER	RGS	
EQ.	EQUAL	SCH.	SCHEDULE
(E)	EXISTING	SHT.	
EXT.	EXTERIOR	SPEC.	SPECIFICATIONS
FAB.	FABRICATION	SQ.	SQUARE
F.A.	FINISHED FLOOR	S.S.	STAINLESS STEEL
F.B.	FINISHED GRADE	STD.	STANDARD
FT. (')	FOOT (FEET)	STL.	STEEL
FTG.	FOOTING	STRUC.	STRUCTURAL
GA.	GAUGE	TEMP.	
GALV.	GALVANIZE(D)	T.O.A.	
G.F.I.	GROUND FÀULT CIRCUIT INTERRUPTER	T.O.F.	TOP OF FOUNDATION
GPS	GLOBAL POSITIONING SYSTEM		
GRND.	GROUND(ING)	T.O.P.	
HT.	HEIGHT	T.O.W.	TOP OF WALL
ICGB.	ISOLATED COPPER GROUND BUS	TYP.	TYPICAL
	The state of the s	U/G	UNDER GROUND
IN. (")	INCH(ES)	V.I.F.	VERIFY IN FIELD
INT.	INTERIOR	W	WIDE (WIDTH)
L.B.	LAG BOLTS	W/	WITH
		WT.	WEIGHT

SYMBOLS LEGEND



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PILOT HILL 2 3100 TRIPLE SEVEN RD

COOL, CA 95614

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

1 6-19-17 90% ZONING DOC'S RB

2 8-14-17 100% ZONING DOC'S RB

COORDINATING ENGINEER:

 $Peek\ Site-Com$

Phone (530) 885-6160

E-Mail info@peeksitecom.com

Auburn, California 95602

SEAL:



CVL03175 ... RB

= SHEET TITLE:

GENERAL NOTES

=SHEET NUMBER:=

GN-

0

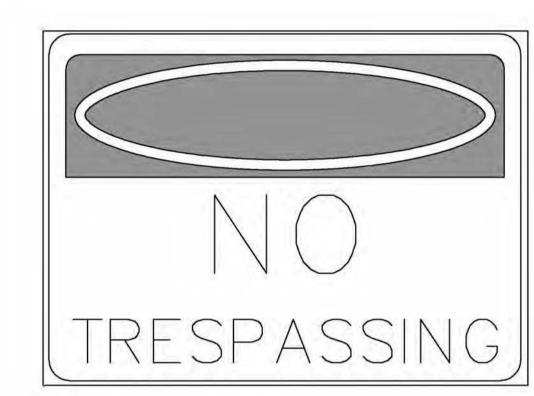


This Site Operated by:

AT&T MOBILITY 2600 CAMINO RAMON, 4W850 N SAN RAMON, CA 94583 IN CASE OF FIRE AND THE NEED FOR SHUTDOWN TO DEACTIVATE ANTENNAS CALL THE FOLLOWING NUMBER: For 24 Hour Emergency Contact and Access Please Call: (800) 832-6662

Reference Site#: <u>CVL03175</u> Site Address: 3100 Triple Seven Rd, Cool, CA 95614

FENCED COMPOUND SIGNAGE



FENCED COMPOUND SIGNAGE

INFORMATION CONTACT AT&T MOBILITY AT 800-368-2822 PRIOR TO PERFORMING ANY MAINTENANCE OR REPAIRS NEAR AT&T MOBILITY ANTENNAS. INFORMACION EN ESTA PROPIEDAD SE UBICAN ANTENAS DE TELECOMUNICACIONES OPERADAS POR AT&T. FAVOR MANTENER UNA DISTANCIA DE NO MENOS DE 3 PIES Y OBEDECER TODOS LOS AVISOS. COMUNIQUESE CON EL PROPIETARIO O LOS PROPIETARIOS DE LAS ANTENAS ANTES DE TRABAJAR O CAMINAR DE MENOS DE 3 PIES COMUNIQUESE CON AT&T MOBILITY 800-638-2822 ANTES DE REALIZAR CUALQUIER MANTENIMENTO O REPARACION DE LAS ANTENAS DE AT&T MOBILITY.

FAVOR COMINUCARSE CON LA OFICINA DE LA ADMINISTRACION DEL EDIFICIO SI ESTA PUENTA O COMPUERTA SE ENCUENTRA SIN CANDADO

INFORMATION SIGN 1-1

LETTERS. THE REF LINE SHALL NE IN 1/8 INCH LETTERS.

LATEST EDITION.

FABRICATION:

BACK W/ BLACK LETTERING

CONTRACTOR SHALL INSTALL ALL INFORMATION SIGNAGE IN ACCORDANCE W/ AT&T

SIGN 1 IS TO BE MADE ON THE 50 MIL ALUMINUM SHEETING (SIZE 8 INCHES BY 12

INCHES) W/ (4) 1/4 INCH MOUNTING HOLES, ONE EACH CORNER OF THE SIGN FOR MOUNTING

W/ HARDWARE W/ TIE WRAPS. THE MAIN BACKGROUND COLOR IS THE BE WHITE FRONT &

THE INFORMATION BAND SHALL BE 1.2 INCH SOLID GREEN BAND W/ 0.5 INCH HIGH BLACK

THE PLACEMENT OF TEXT SHALL BE DONE IN A MANNER THAT WILL PERMIT EASY READING

ALL PAINT WILL BE BAKER W/ ENAMEL W/ UV PROTECTIVE COATING OVER THE FACE OF THE

LETTERING. THE BODY OF THE TEXT SHALL BE IN BLACK LETTERING W/ 0.2 INCH HIGH

*SIGN I-1: ENTRANCE DOOR, SEE DETAIL 1A, THIS SHEET

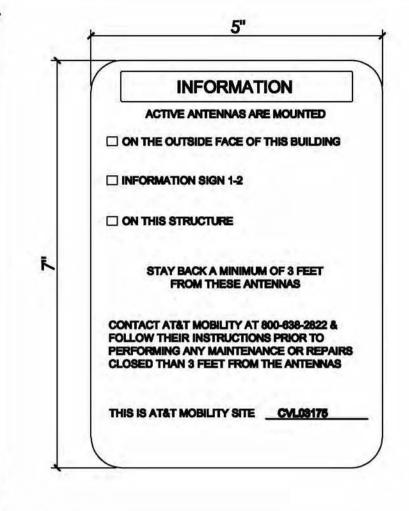
FROM A DISTANCE OF APPROXIMATELY 6 FEET IN FRONT OF THE SIGN.

INFORMATION

Federal Communications Communication

Tower Registration Number

1234567



INFORMATION SIGN 1-2

*SIGN 1-2 POLE, SEE DETAIL 1B, THIS SHEET. WRELESS DOCUMENT #03-0074, RF EXPOSURE POLICY AND RF SAFETY COMPLIANCE PROGRAM,

> SIGN 2 MUST BE A NON METALLIC LABEL W/ AN ADHESIVE BACKING, THE LABEL SHALL BE MADE USING VINYL OR SIMILAR WEATHERPROOF MATERIAL, THE LABEL SHALL BE APPROXIMATELY 5X7 INCHES W/ A WHITE BACKGROUND AND BLACK LETTERING. THE GREEN BAND SHALL BE 1.375 INCH IN HEIGHT & THE LETTERING SHALL BE BLACK W/ 0.75 INCH HIGH LETTERS. THE TEXT LETTERING SHALL BE BLACK W/ 1/8 INCH HIGH LETTERS. UV PROTECTION SHALL BE PLACED OVER THE FRONT OF THE LABEL.

INFORMATION SIGN 1-3

INFORMATION SIGN 1-4

*SIGN 1-3: BACK OF ANTENNAS, SEE DETAIL 1C & 3, THIS SHEET

*SIGN 3 IS A 1 INCH X 2 INCH PANEL THAT CAN BE APPLIED TO THE BACK OR SIDE OF AN ANTENNA TO IDENTIFY IT AS AN AT&T ANTENNA

*SIGN 1-4: SIDE OF ANTENNAS, SEE DETAIL 1D & 3, THIS SHEET

SIGN 4 IS MADE FROM TRANSPARENT MATERIAL 1-1/2 INCHES WIDE & 24 INCHES LONG. THE LETTERING IS TO BE BLACK W/ 1/2 INCH LETTERING IN A VERTICAL COLUMN. THE SPACING BETWEEN WORDS MUST BE SUCH THAT IT IS EASILY READ & FILLS THE LENGTH OF THE SIGN

SIGNAGE AND STRIPING INFORMATION

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

INFORMATION SIGNAGE

GENERAL NOTES

AUTHORIZED PERSONNEL ONLY

Commission rules and antenna tower registration 47CFR 17.4(g). 12"

DOOR/EQUIPMENT SIGN

FCC ASR SIGNAGE

Property of AT&T

Authorized Personnel Only

In case of emergency, or prior to performing maintenance on this site, call and reference cell site number

Property of AT&T Authorized Personnel Only

No Trespassing Violators will be Prosecuted

In case of emergency, or prior to performing maintenance on this site, call and reference cell site number

WARNING

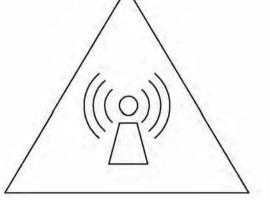
CONTRACTOR SHALL INSTALL ALL INFORMATION SIGNAGE IN ACCORDANCE W/ AT&T WRELESS

SAFETY COMPLIANCE PROGRAM, LATEST EDITION

CONTRACTOR SHALL CONTACT AT&T R-RFSC FOR NFORMATION ON MPE LEVELS AND INSTRUCTIONS ON

LEVEL AND LOCATION OF SIGNAGE

DOCUMENT #03-0074, RF EXPOSURE POLICY AND RF



Beyond This Point you are entering a controlled area where RF Emissions exceed the FCC **Controlled Exposure limits** Failure to obey all posted signs and site guidelines could result in serious injury

Ref: FCC 47CFR 1.1307(b)

CAUTION

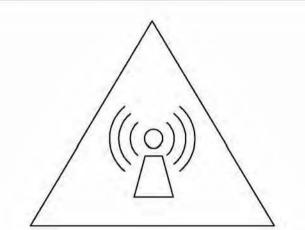


Beyond This Point you are entering a controlled area where RF Emissions may exceed the FCC Controlled Exposure limits

Obey all posted signs and site guidelines for working in an RF environment

Ref: FCC 47CFR 1.1307(b)

NOTICE



Beyond This Point you are entering an area where RF Emissions may exceed the FCC **General Population Exposure** Limits

Follow all posted signs and site guidelines for working in an RF environment

Ref: FCC 47CFR 1.1307(b)

NOTICE SIGN

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= COORDINATING ENGINEER:

= SEAL: =

Peek Site-Com 12852 Earhart Ave. Suite 101 Auburn, California 95602

Phone (530) 885-6160

E-Mail info@peeksitecom.com

= SITE #: = DRAWN BY: CVL03175 =SHEET TITLE:

SITE SIGNAGE

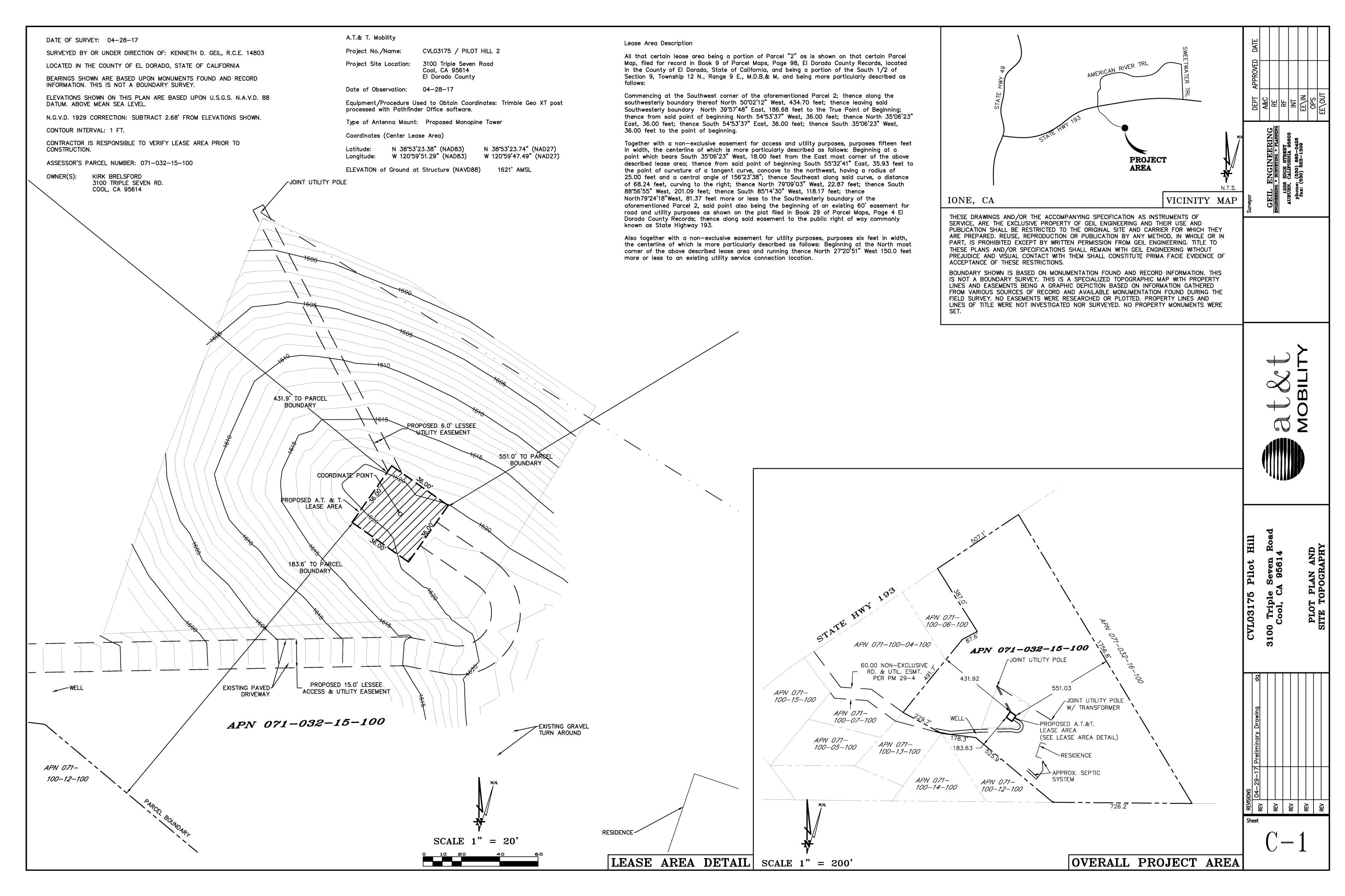
=SHEET NUMBER:= = REVISION:=

SHELTER/CABINET DOORS SIGNAGE

GATE SIGNAGE

CAUTION AND WARNING SIGN

18-1015 L 3 of 32



GENERAL NOTES

- THE CONTRACTOR SHALL HAVE A RESPONSIBLE PARTY, WHO SHALL HAVE THE AUTHORITY TO REPRESENT AND ACT FOR THE CONTRACTOR, ON THE JOB SITE DURING ALL WORKING
- 2. ALL WORK SHALL BE ACCOMPLISHED TO THE SATISFACTION OF THE WASHOE COUNTY AUTHORIZED REPRESENTATIVE.

DEFINITIONS:

EROSION AND SEDIMENT CONTROL

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM

- CLEAN WATER ACT

(SWPPP) - STORM WATER POLLUTION PREVENTION PLAN

(BMP'S) - BEST MANAGEMENT PRACTICES

THE CONTRACTOR SHALL

MAKE HIM/HERSELF AWARE OF THE REQUIREMENTS OF SAID GENERAL PERMIT AND THE PROVISIONS OF THE GRADING & EROSION CONTROL PLANS.

IMPLEMENT THE ESC FEATURES AND BEST MANAGEMENT PRACTICES (BMP'S) CONTAINED IN THE IMPROVEMENT PLANS, AND OTHERWISE DILIGENTLY PURSUE COMPLIANCE WITH THE LOCAL REQUIREMENTS.

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

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.

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.

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 THE ENGINEER, OWNER, OR THE PUBLIC WORKS DEPARTMENT STAFF.

OTHER RESPONSIBILITIES OF APPLICANT:

- 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
- 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 OR OTHER PUBLIC OR PRIVATE PROPERTY OR EASEMENT WITHOUT SUPPORTING AND PROTECTING SUCH PROPERTY FROM ANY DAMAGE WHICH MIGHT OTHERWISE RESULT.
- 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 THE GRADING OCCURRED, TO ANY WATERCOURSE, DRAINAGE SYSTEM, OR ADJACENT
- 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.

BEST MANAGEMENT PRACTICE	LOCATION	IMPLEMENTATION SCHEDULE	MAINTENANCE SCHEDULE
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 NOT DISTURBED.
B. PROTECT GRADED AREAS AND SLOPES FROM WASHOUT & EROSION	THROUGHOUT PROJECT SITE	DURING WET SEASON	INSPECT GRADED AREAS AND SLOPES ON AT LEAST A MONTHLY BASIS TO CHECK FOR EROSION. REGRADE TRIBUTARY AREAS OR INSTALL FILTER BARRIER OR SAND BAG DIKES AS NECESSARY TO PREVENT EROSION.
C. GRAVEL FILTER	ALONG FLOW LINES OF UNPAVED ROADWAYS WITHIN SITE	IN PLACE DURING WET SEASON UNTIL ROADWAYS ARE PAVED	INSPECT DAILY AND AFTER EACH STORM. REMOVE ONSITE SEDIMENT DEPOSITED BEHIND BERM OR BARRIER TO MAINTAIN EFFECTIVENESS.
D. INLET FILTER BAG	INLETS TO THE STORM DRAINAGE SYSTEM	CONTINUOUS UNTIL LANDSCAPING IS IN PLACE	INSPECT WEEKLY AND AFTER EACH STORM. REMOVE SEDIMENT AND DEBRIS BEFORE ACCUMULATIONS HAVE REACHED ONE THIRD THE DEPTH OF THE BAG. REPAIR OR REPLACE INLET FILTER BAG AS SOON AS DAMAGE OCCURS.
E. FIBER ROLL	SEE PLAN SHEET C-4	CONTINUOUS	INSPECT WEEKLY AND AFTER EACH STORM. REMOVE SEDIMENT DEPOSITED BEHIND FIBER ROLL WHENEVER NECESSARY TO MAINTAIN EFFECTIVENESS.
F. 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.
G. 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.
H. 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 EROSION IS OCCURRING AND ABATE EROSION AS NECESSARY
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.
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 STORED IN A MANNER, WHICH COULD NOT CAUSE STORM WATER POLLUTION.
K. PROPER CONSTRUCTION WASTE STORAGE AND DISPOSAL INCLUDING 1) CONCRETE	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.
SPILL CLEANUP INCLUDING 1) PAINT & PAINTING SUPPLIES	MATERIAL HANDLING AREA	IMMEDIATELY AT TIME OF SPILL	INSPECT MATERIAL HANDING AREAS ON AT LEAST A MONTHLY BASIS TO VERIFY PROPER SPILL CLEANUP.
2) VEHICLE FUELING MAINTENANCE & CLEANING	DESIGNATED AREA WITH SECONDARY CONTAINMENT	CONTINUOUS	KEEP AMPLE SUPPLIES OF SPILL CLEANUP MATERIALS ON SITE & INSPECT ON REGULAR SCHEDULE.
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.

- 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.
- INITIAL (STAGE 1): WHEN CLEARING AND GRUBBING ACTIVITIES OCCUR.
- ROUGH (STAGE 2): WHEN CUT AND FILL ACTIVITIES OCCUR AND THE SITE IMPROVEMENTS ARE CONSTRUCTED, INCLUDING UNDERGROUND PIPING, STREETS, SIDEWALKS, AND OTHER IMPROVEMENTS. FINAL (STAGE 3): WHEN FINAL ELEVATIONS ARE SET, AND SITE IMPROVEMENTS ARE COMPLETED AND READY FOR COUNTY

REQUIRED 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.

EROSION CONTROL NOTES

- 2. EROSION CONTROL BEST MANAGEMENT PRACTICES (BMPs) SHALL BE INSTALLED AND MAINTAINED DURING THE WET SEASON (OCTOBER THROUGH APRIL 30). SEDIMENT CONTROL BMPs SHALL BE INSTALLED AND MAINTAINED ALL YEAR.
- 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.
- 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.
- 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
- 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.
- 7. THE FOLLOWING AREAS ARE TO RECEIVE HYDROSEEDING OR OTHER EROSION CONTROL: ALL SLOPES GREATER THAN 10:1.
- 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, WATER WILL BE DISCHARGED THROUGH SWALE LINED WITH IMPERVIOUS PLASTIC LINER.
- 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. DEWATERING MATERIAL SHALL NOT BE DISCHARGED DIRECTLY TO THE STORM DRAIN SYSTEM.

- THE FOLLOWING BMPS SHALL BE REQUIRED ON ALL PROJECTS:
- A. ACCESS POINTS TO THE CONSTRUCTION SITE SHALL HAVE A STABILIZED CONSTRUCTION ACCESS.
- B. THE PRESERVATION OF EXISTING VEGETATION SHALL BE DONE IN ACCORDANCE WITH PRESERVATION OF EXISTING VEGETATION, AND SILT FENCE.
- C. PERIMETER PROTECTION ALONG PROPERTY LINES SHALL HAVE PRESERVATION OF EXISTING VEGETATION, OR SILT FENCE.
- D. SLOPES GREATER THAN 3 PERCENT SHALL BE TEMPORARILY SEEDED AND SLOPES GREATER 3:1 (H:V) SHALL HAVE HYDROSEEDING AND/OR GEOTEXTILES, PLASTIC COVERS, AND/OR EROSION CONTROL BLANKETS INSTALLED.
- E. THE TOE OF ALL SLOPES SHALL HAVE SILT FENCE AND/OR FIBER ROLL.
- F. DISTURBED SOIL AREAS BEHIND THE CURB OR BACK OF WALK (OR CURB) SHALL HAVE STRAW MULCH, SOIL BINDERS OR GEOTEXTILES, PLASTIC COVERS, AND EROSION CONTROL BLANKETS/MATS IN CONJUNCTION WITH HYDROSEEDING. SURFACE TREATMENTS SHALL EXTEND TO THE GREATER OF 6 METERS (20 FEET) OR TO THE TOP OF SLOPE.
- 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.
- I. PROJECTS THAT INCLUDE DETENTION BASINS SHALL HAVE A SEDIMENT BASIN.
- J. PLACE DRAINAGE INLET SEDIMENT BMPS AT ALL STORM DRAIN INLETS. BMPS SHALL INCLUDE INLET SEDIMENT CONTROL BARRIER, INLET FILTER BAG AND CONCRETE STAMPS OR EXPOXIED PLAQUARDS.
- K. EACH CONSTRUCTION SITE SHALL PROVIDE DESIGNATED, PAINT AND WASTE DISPOSAL LOCATIONS AS NECESSARY.
- L. A BMP INSTALLATION SCHEDULE SHALL BE INCLUDED ON THE IMPROVEMENT PLANS. THE SCHEDULE SHALL INCLUDE THE BMPS FOR BOTH THE WET SEASON AND THE DRY SEASON.



PORTABLE CONCRETE WASHOUT CONTAINER NO SCALE

INSPECTION & MAINTENANCE OF FIBER ROLLS:

- 1. REPAIR OR REPLACE SPLIT, TORN, UNRAVELING OR SLUMPING FIBER
- 2. INSPECT FIBER ROLLS WHEN RAIN IS FORECAST, FOLLOWING RAIN EVENTS. At LEAST DAILEY DURING PROLONGED RAINFALL, AND AT
- 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.
- 1. FILTER BARRIER SHALL BE CONSTRUCTED LONG ENOUGH TO EXTEND
- LANDSCAPE INSPECTOR. 2. FILTER ROLL (8"TO 12" DIAMETER) SHALL BE PLACED INTO THE KEY EACH END AND THEN EVERY 3' TO 4' WITH 1" X 2"X 23" STAKES. ADJACENT ROLLS. SHALL TIGHTLY ABUT.
- REMOVE LARGE STONES OR DEBRIS THAT WILL INHIBIT INTIMATE CONTACT THE FIBER ROLL WITH THE SUBGRADE 4. PRIOR TO ROLL INSTALLATION, CONTOUR A CONCAVE TRENCH (2 TO 4 INCHES) DEEP ALONG THE PROPOSED INSTALLATION ROUTEFIBER ROLL SHALL BE INSTALLED ALONG THE SIDE OF WALKS AND AROUND THE
- BACKFILLED TO 4 INCHES ABOVE GROUND AND COMPACTED TO BURY AND SECURE THE BOTTOM OF THE FIBER ROLL. 5. CONTRACTED SHALL MAKE INSPECTIONS WEEKLY DURING THE WET

- TWO-WEEK INTERVALS DURING THE NON-RAINY SEASON.

- ACROSS THE EXPECTED FLOW PATH AND AS APPROVED BY THE
- TRENCH AND STAKES ON BOTH SIDES OF THE ROLL WITHIN & FEET OF STAKES ARE TYPICALLY DRIVEN IN ON ALTERNATING BIDES OF THE ROLL 3. CLEAR SUBGRADE SO THAT REMOVAL OF ALL LOCAL DEVIATIONS AND TO
- CATCH BASING. THE BOTTOM EDGE 'OF THE FABER ROLL SHALL EXTEND TO AND ACROSS THE BOTTOM OF THE TRENCH. THE TRENCH SHALL BE
- SEASON, MONTHLY DURING THE DRY SEASON AND IMMEDIATELY AFTER FACH RAINFALL TO DETERMINE IF REPAIRS AND SEDIMENT REMOVAL IS Required. SEDIMENT SHALL BE REMOVED BEFORE IT HAS REACHED ONE THIRD THE HEIGHT OF THE FILTER FABRIC.

REVEGETATION STANDARDS

NO SCALE

TYPICAL FIBER ROLL INSTALLATION

FIBER ROLL 200

MM MIN. (8 IN.)

STEEPER SLOPE

19 MM x 19MM

INSTALL A FIBER ROLL

NEAR SLOPE WHERE IT

TRANSITIONS INTO A

 $(3/4 \text{ IN. } \times 3/4 \text{ IN.})$

1.2 M (4 FT.) SPACING

WOOD STAKES MAX.

100 MM (4 IN.) MAX.

50 MM (2 IN.) MIN.

VARIES

300 MM MIN.

(12 IN.)

- PERMANENT REVEGETATION OR LANDSCAPING, IF REQUIRED, IS TO BE COMMENCED ON THE CONSTRUCTION SITE AS SOON AS PRACTICAL AND IN NO CASE EXCEEDING TWELVE MONTHS AFTER ACHIEVING FINAL GRADES AND UTILITY PLACEMENTS. WHENEVER PRACTICAL, LAND IS TO BE DEVELOPED IN INCREMENTS OF WORKABLE SIZE WHICH CAN BE COMPLETED DURING A SINGLE CONSTRUCTION SEASON; EROSION CONTROL MEASURES ARE TO BE COORDINATED WITH THE SEQUENCE OF GRADING OR IMPROVEMENTS.
- 2. ALL SURFACES DISTURBED BY VEGETATION REMOVAL, GRADING, HAUL ROADS. OR OTHER ACTIVITY OF CONSTRUCTION WHICH ALTERS THE NATURAL VEGETATIVE COVER ARE TO BE PREPARED FOR EXPEDIENT REVEGETATION OR OTHERWISE MAINTAINED TO CONTROL EROSION UNLESS COVERED WITH IMPERVIOUS OR OTHER IMPROVED SURFACES PURSUANT TO APPROVED PLANS WITHIN FOURTEEN DAYS FOLLOWING THE COMPLETION OF GRADING, OR REMOVAL OF VEGETATION IF NO GRADING WAS INVOLVED.
- . TOPSOIL REMOVED FROM THE SURFACE IN PREPARATION FOR GRADING SHALL BE RESTORED TO EXPOSE CUT AND FILL EMBANKMENTS OR BUILDING PADS SO AS TO PROVIDE A SUITABLE BASE FOR SEEDING AND PLANTING.
- ACCEPTABLE METHODS OF REVEGETATION INCLUDE STRAW-MULCHING. HYDRO-MULCHING OR PLANTING OF MIXTURE SPECIFIED IN THE IMPROVEMENT STANDARDS. OTHER METHODS OF REVEGETATION MAY BE APPROVED BY THE COUNTY ENGINEER WHERE EQUIVALENT PROTECTION IS PROVIDED.
- . ALL REVEGETATION AND LANDSCAPING ARE TO BE CONDUCTED WITHIN SUITABLE GROWING PERIODS. NATIVE PLANT MATERIALS ARE SPECIFICALLY ENCOURAGED IN ORDER TO REDUCE IRRIGATION DEMANDS.
- TEMPORARY SEDIMENTATION CONTROL FACILITIES ARE TO BE INSTALLED IN CONJUNCTION WITH INITIAL GRADING OPERATIONS AND MAINTAINED THROUGHOUT THE CONSTRUCTION PERIOD TO REMOVE SEDIMENTS FROM RUNOFF WATERS DURING DEVELOPMENT.
- PERMANENT SEDIMENT CATCHMENT BASINS OR OTHER TYPES OF SEDIMENT RETENTION FACILITIES ARE REQUIRED WHEREVER NECESSARY TO PREVENT DISCHARGE OF SEDIMENT INTO WATERS OF THE STATE. SEDIMENT RETENTION FACILITIES SHALL BE INSPECTED AND CLEANED ACCORDING TO A REGULAR MAINTENANCE SCHEDULE.
- 3. THE PLANTING OR SEEDING OF VEGETATIVE PROTECTION MUST BE EFFECTIVE. IF THE VEGETATION DOES NOT GROW AND OFFER PROPER PROTECTION, IT MUST BE REPLANTED OR RESEEDED.
- THE MAINTENANCE OF VEGETATIVE PROTECTION ON GRADED SLOPES SHALL BE THE RESPONSIBILITY OF THE PERMITTEE AND SHALL BE GUARANTEED UNTIL THE VEGETATION IS WELL ESTABLISHED OR IS OFFICIALLY ASSUMED BY ANOTHER PARTY.

DUST MITIGATION PLAN

SECTION 1: FUGITIVE DUST PREVENTION AND CONTROL

LAND CLEARING/EARTH MOVING: WATER SHALL BE APPLIED BY MEANS OF TRUCK(S), HOSES AND/OR SPRINKLERS PRIOR TO ANY LAND CLEARING OR EARTH MOVEMENT TO MINIMIZE DUST EMISSIONS. HAUL VEHICLES TRANSPORTING SOIL INTO OR OUT OF THE

VISIBLY DRY DISTURBED SOIL SURFACE AREAS: ALL VISIBLY DRY DISTURBED SOIL SURFACE AREAS OF OPERATION SHALL BE WATERED TO MINIMIZE DUST

PAVED ROAD TRACK-OUT: PAVED ROADS SHALL BE CLEANED IF THE AMOUNT OF DIRT TRACKED-OUT OF THE OPERATION AREA HAS THE POTENTIAL TO CAUSE DUST EMISSIONS.

VISIBLY DRY DISTURBED UNPAVED DRIVEWAYS: AREAS OF OPERATION SHALL BE WATERED TO MINIMIZE

EMPLOYEE VEHICLES: CONSTRUCTION WORKERS PARK IN DESIGNATED PARKING

SOIL PILES:

SOIL PILE SURFACES SHALL BE MOISTENED IF DUST IS TO FURTHER REDUCE DUST EMISSIONS.

PROPERTY SHALL BE COVERED.

EMISSIONS.

ALL VISIBLY DRY DISTURBED UNPAVED DRIVEWAY SURFACE DUST EMISSIONS. UNPAVED DRIVEWAYS MAY BE GRAVELED TO REDUCE DUST EMISSIONS.

VEHICLES ENTERING / EXITING CONSTRUCTION AREA: VEHICLES ENTERING OR EXITING CONSTRUCTION AREA SHALL TRAVEL AT A SPEED WHICH MINIMIZES DUST EMISSIONS.

AREA(S) TO HELP REDUCE DUST EMISSIONS.

BEING EMITTED FROM THE PILE(S). ADEQUATELY SECURED TARPS, PLASTIC OR OTHER MATERIAL MAY BE REQUIRED

GRADING-EROSION SEDIMENT CONTROL NOTES

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: :



5001 EXECUTIVE PKWY SAN RAMON, CA 94583

PROJECT INFORMATION: =

PILOT HILL 2 3100 TRIPLE SEVEN RD COOL, CA 95614

REV: = DATE: == DESCRIPTION: 3 6-19-17 | 90% ZONING DOC'S RB 8-14-17 | 100% ZONING DOC'S RB COORDINATING ENGINEER:

Peek Site-Com 12852 Earhart Ave. Suite 101

E-Mail info@peeksitecom.com

Phone (530) 885-6160

Auburn, California 95602

=SEAL:



= SITE #: = = CHK.: = = DRAWN BY: = CVL03175 =SHEET TITLE: =

EROSION CONTROL NOTES

=SHEET NUMBER:=

GRADING STANDARDS

- GENERAL. UNLESS OTHERWISE RECOMMENDED IN THE APPROVED SOILS ENGINEERING OR ENGINEERING GEOLOGY REPORT, GRADING ACTIVITIES SHALL CONFORM TO THE PROVISIONS OF THIS SECTION.
- A. CUT SLOPE. THE SLOPE OF CUT SURFACES SHALL BE NO STEEPER THAN IS SAFE FOR THE INTENDED USE AND SHALL BE NO STEEPER THAN 1 UNIT VERTICAL IN 2 UNITS HORIZONTAL (50% SLOPE) UNLESS THE PERMITTEE FURNISHES A SOILS ENGINEERING OR AN ENGINEERING GEOLOGY REPORT, OR BOTH, STATING THAT THE SITE HAS BEEN INVESTIGATED AND GIVING AN OPINION THAT A CUT AT A STEEPER SLOPE WILL BE STABLE AND NOT CREATE A HAZARD TO PROPERTY OR THE ENVIRONMENT.
- B. FILL SLOPE AND PREPARATION
- (1) PREPARATION OF GROUND. THE GROUND SURFACE SHALL BE PREPARED TO RECEIVE FILL BY REMOVING VEGETATION, NON-COMPLYING FILL, TOPSOIL AND OTHER UNSUITABLE MATERIALS SCARIFYING TO PROVIDE A BOND WITH THE NEW FILL
- (2) FILL MATERIAL. AMOUNT OF ORGANIC MATERIAL DETRIMENTAL TO STRUCTURAL INTEGRITY SHALL NOT BE PERMITTED IN FILLS. EXCEPT AS PERMITTED BY THE BUILDING OFFICIAL, NO ROCK OR SIMILAR IRREDUCIBLE MATERIAL WITH A MAXIMUM DIMENSION GREATER THAN 12 INCHES (0.31 M) SHALL BE BURIED OR PLACED IN FILLS.
- (3) EXCEPTION. THE BUILDING OFFICIAL MAY PERMIT PLACEMENT OF LARGER ROCK WHEN THE SOILS ENGINEER PROPERLY DEVISES A METHOD OF PLACEMENT, AND CONTINUOUSLY INSPECTS ITS PLACEMENT AND APPROVES THE FILL STABILITY. THE FOLLOWING CONDITIONS SHALL ALSO APPLY:
- (a) PRIOR TO ISSUANCE OF THE GRADING PERMIT, POTENTIAL ROCK DISPOSAL AREAS SHALL BE SHOWN ON THE GRADING PLAN.
- (b) ROCK SIZES GREATER THAN 12 INCHES (0.31 M) IN MAXIMUM
- DIMENSION SHALL BE 10 FEET (3.05 M) OR MORE BELOW GRADE, MEASURED VERTICALLY.
- (c) ROCKS SHALL BE PLACED SO AS TO ASSURE FILLING OF ALL VOIDS WITH WELL-GRADED SOIL.
- (4) COMPACTION. ALL FILLS SHALL BE COMPACTED TO A MINIMUM OF 90
- PERCENT OF MAXIMUM DRY DENSITY WITH SUFFICIENT TESTING FOR DOCUMENTATION OF COMPLIANCE WITH THIS STANDARD.
- (5) SLOPE. THE SLOPE OF FILL SURFACES SHALL BE NO STEEPER THAN IS SAFE FOR THE INTENDED USE. FILL SLOPES SHALL BE NO STEEPER THAN 1 UNIT VERTICAL IN 2 UNITS HORIZONTAL (50% SLOPE).

SETBACKS

- a. GENERAL. CUT AND FILL SLOPES SHALL BE SET BACK FROM SITE BOUNDARIES IN
- b. ACCORDANCE WITH THIS SECTION. SETBACK DIMENSIONS SHALL BE HORIZONTAL DISTANCES MEASURED PERPENDICULAR TO THE SITE BOUNDARY.
- c. TOP OF CUT SLOPE. THE TOP OF CUT SLOPES SHALL NOT BE MADE NEARER TO A SITE
- BOUNDARY LINE THAN A MINIMUM OF 2 FEET. THE SETBACK MAY NEED TO BE INCREASED FOR ANY REQUIRED INTERCEPTOR DRAINS.
- d. TOE OF FILL SLOPE. THE TOE OF FILL SLOPE SHALL BE MADE NOT NEARER TO THE SITE BOUNDARY LINE THAN MINIMUM OF 2 FEET. WHERE A FILL SLOPE IS TO BE LOCATED NEAR THE SITE BOUNDARY AND THE ADJACENT OFFSITE PROPERTY IS DEVELOPED, SPECIAL PRECAUTIONS SHALL BE INCORPORATED IN THE WORK AS THE BUILDING OFFICIAL DEEMS NECESSARY TO PROTECT THE ADJOINING PROPERTY FROM DAMAGE AS A RESULT OF SUCH GRADING. THESE PRECAUTIONS MAY INCLUDE BUT ARE NOT LIMITED TO:
- (1) ADDITIONAL SETBACKS.
- (2) PROVISION FOR RETAINING, OR SLOUGH WALLS.
- (3) MECHANICAL OR CHEMICAL TREATMENT OF THE FILL SLOPE SURFACE TO MINIMIZE
- (4) PROVISIONS FOR THE CONTROL OF SURFACE WATERS.
- e. MODIFICATION OF SETBACKS. THE BUILDING OFFICIAL MAY APPROVE ALTERNATE

SETBACKS. THE BUILDING OFFICIAL MAY REQUIRE AN INVESTIGATION AND

RECOMMENDATION BY A QUALIFIED ENGINEER OR ENGINEERING GEOLOGIST TO DEMONSTRATE THAT THE INTENT OF THIS SECTION HAS BEEN SATISFIED.

- 3. MAINTENANCE REQUIRED. THE PROPERTY OWNER SHALL BE RESPONSIBLE FOR ADEQUATELY MAINTAINING ALL DRAINAGE FACILITIES INSTALLED PURSUANT TO THIS SECTION.
- GRADING INSPECTION
- 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.
- NOTIFICATION OF NONCOMPLIANCE. IF, IN THE COURSE OF FULFILLING THEIR RESPECTIVE DUTIES UNDER THIS CHAPTER, THE CIVIL ENGINEER, THE SOILS ENGINEER OR THE ENGINEERING GEOLOGIST FINDS THAT THE WORK IS NOT BEING DONE IN CONFORMANCE WITH THIS CHAPTER OR THE APPROVED GRADING PLANS. THE DISCREPANCIES SHALL BE REPORTED IMMEDIATELY IN WRITING TO THE PERMITTEE AND TO THE BUILDING OFFICIAL
- TRANSFER OF RESPONSIBILITY. IF THE CIVIL ENGINEER. THE SOILS ENGINEER. OR THE ENGINEERING GEOLOGIST OF RECORD IS CHANGED DURING GRADING. THE WORK SHALL BE STOPPED UNTIL THE REPLACEMENT HAS AGREED IN WRITING TO ACCEPT THEIR RESPONSIBILITY WITHIN THE AREA OF TECHNICAL COMPETENCE FOR APPROVAL UPON COMPLETION OF THE WORK, IT SHALL BE THE DUTY OF THE PERMITTEE TO NOTIFY THE BUILDING OFFICIAL IN WRITING OF SUCH CHANGE PRIOR TO THE RE-COMMENCEMENT OF SUCH GRADING.
- EROSION AND SEDIMENTATION CONTROL
- A. ADMINISTRATION
- (1) THE EROSION AND SEDIMENT CONTROL PROVISIONS OF THIS SECTION SHALL BE APPLICABLE TO ALL FACILITIES AND ACTIVITIES UNDER THE SUPERVISION OF THE DIRECTOR OF THE DEPARTMENT OF PUBLIC WORKS.
- (2) THE ADMINISTRATION OF THIS SECTION, AS IT AFFECTS COUNTY FACILITIES AND ACTIVITIES, IS THE RESPONSIBILITY OF THE DIRECTOR OF THE DEPARTMENT OF PUBLIC
- (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,
- EROSION AND SEDIMENTATION CONTROL. THESE MINIMUM EROSION AND SEDIMENTATION CONTROL STANDARDS SHALL APPLY TO ALL PROJECTS REQUIRING BUILDING, GRADING, AND DEVELOPMENT PERMITS, AND COUNTY OF MENDOCINO PUBLIC WORKS ACTIVITIES, TO PREVENT SEDIMENTATION OR DAMAGE TO ONSITE AND OFFSITE PROPERTY. THESE STANDARDS SHALL BE INCORPORATED INTO THE PROJECT DESIGN AND SHALL BE ADHERED TO DURING PROJECT CONSTRUCTION:

(1) GENERAL GUIDELINES

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

OR RELATED ENVIRONMENTAL DOCUMENT, SHALL BE PLACED IN THE RECORDS OF THE CHIEF BUILDING OFFICIAL.

- (b) RETAIN TREES AND NATURAL VEGETATION TO STABILIZE HILLSIDES, RETAIN MOISTURE, REDUCE EROSION, MINIMIZE SILTATION AND NUTRIENT RUNOFF AND PRESERVE SCENIC QUALITIES.
- (c) VEGETATE AND MULCH DENUDED AREAS TO PROTECT THEM FROM WINTER RAINS.
- (d) DIVERT RUNOFF AWAY FROM STEEP, DENUDED SLOPES OR OTHER CRITICAL AREAS WITH BARRIERS, BERMS, DITCHES OR OTHER FACILITIES.
- (e) LIMIT CONSTRUCTION, CLEARING OF VEGETATION AND DISTURBANCE OF THE SOIL TO AREAS OF PROVEN STABILITY. MITIGATE GEOLOGIC HAZARDS AND ADVERSE SOIL CONDITIONS WHEN THEY ARE ENCOUNTERED.
- (f) REDUCE SEDIMENT TRANSPORT OFF THE SITE TO THE MAXIMUM EXTENT FEASIBLE THROUGH THE USE OF BEST MANAGEMENT PRACTICES (BMPS).

- (g) PROPOSE A NEW OR MODIFIED EROSION AND SEDIMENT CONTROL TECHNIQUE IF THE TECHNIQUE IS PREFERRED AND MEETS THE INTENT OF THESE REGULATIONS. OBTAIN APPROVAL FROM THE COUNTY PRIOR TO IMPLEMENTATION.
- (h) CONDUCT FREQUENT SITE INSPECTIONS TO ENSURE THAT CONTROL MEASURES ARE WORKING PROPERLY AND TO CORRECT PROBLEMS AS NEEDED.
- (i) EMPLOY OTHER MEANS OF EROSION AND SEDIMENT CONTROL AS REQUIRED BY THE CHIEF BUILDING OFFICIAL OR DIRECTOR OF THE DEPARTMENT OF PUBLIC WORKS AS APPLICABLE.

(2) SEDIMENT CONTROL

- (a) USE SEDIMENT BASINS, SILT TRAPS, OR SIMILAR MEASURE TO RETAIN SEDIMENT TRANSPORTED BY RUNOFF WATER ONSITE.
- (b) COLLECT AND DIRECT SURFACE RUNOFF AT NON-EROSIVE VELOCITIES TO THE COMMON NATURAL WATERCOURSE OF THE DRAINAGE AREA.
- (c) AVOID CONCENTRATING SURFACE WATER ANYWHERE EXCEPT SWALES OR WATERCOURSES.
- (d) PREVENT MUD FROM BEING TRACKED ONTO THE PUBLIC ROADWAY BY TRAVELING OVER A TEMPORARY GRAVEL CONSTRUCTION ENTRANCE OR WASHING OFF VEHICLE TIRES BEFORE ENTERING A PUBLIC OR PRIVATE DRIVEWAY.

(3) SLOPE CONSTRUCTION

- (a) MINIMIZE LENGTH AND STEEPNESS OF SLOPES BY BENCHING, TERRACING OR CONSTRUCTING DIVERSION STRUCTURES.
- (b) PRESERVE, MATCH, OR BLEND CUTS AND FILLS WITH THE NATURAL CONTOURS AND UNDULATIONS OF THE LAND.
- (c) ROUND SHARP ANGLES AT THE TOP AND SIDES OF CUT AND FILL SLOPES.
- (d) MAINTAIN CUT AND FILL SLOPES AT LESS THAN TWO-TO-ONE (2:1, RUN: RISE) SLOPE UNLESS A GEOLOGICAL AND ENGINEERING ANALYSIS INDICATES THAT STEEPER SLOPES ARE SAFE AND EROSION AND SEDIMENT CONTROL MEASURES CAN SUCCESSFULLY PREVENT EROSION.

(4) PROTECTION OF WATERCOURSES AND DRAINAGE INLETS

- (a) PREPARE DRAINAGEWAYS TO HANDLE CONCENTRATED OR INCREASED RUNOFF FROM DISTURBED AREAS BY USING APPROPRIATE LINING MATERIALS OR ENERGY ABSORBING DEVICES TO REDUCE THE VELOCITY OF RUNOFF WATER.
- (b) TRAP SEDIMENT-LADEN RUNOFF IN BASINS TO ALLOW SOIL PARTICLES TO SETTLE OUT BEFORE FLOWS ARE RELEASED TO RECEIVING WATERS, STORM DRAINS, STREETS OR ADJACENT PROPERTY. THIS STANDARD IS NOT MANDATORY FOR GRADING THE SITE IS FULLY WINTERIZED AND STABILIZED PRIOR TO AND WHEN CONDUCTED BETWEEN APRIL 15 AND OCTOBER 15 OCTOBER 15. REMOVE TRAPPED SEDIMENT TO A SUITABLE LOCATION ON-SITE OR AT A DISPOSAL SITE APPROVED BY THE COUNTY.
- (c) DO NOT GRADE OR DRIVE EQUIPMENT IN A STREAMSIDE MANAGEMENT OR OTHER WET AREAS EXCEPT AS ALLOWED THROUGH THE COUNTY STREAMSIDE MANAGEMENT AREA ORDINANCE.
- (d) DEPOSIT OR STORE EXCAVATED MATERIALS AWAY FROM WATERCOURSES.
- (e) PROTECT ALL EXISTING OR NEWLY INSTALLED STORM DRAINAGE STRUCTURES FROM SEDIMENT CLOGGING.
- (f) (F) USE STRAW BALES, FILTER FABRIC WRAPS AND DRAINAGE INLET PROTECTIONS IN A MANNER THAT DOES NOT CAUSE ADDITIONAL EROSION OR FLOODING OF A ROADWAY.

(5) DISPOSAL OF EXCAVATED MATERIALS

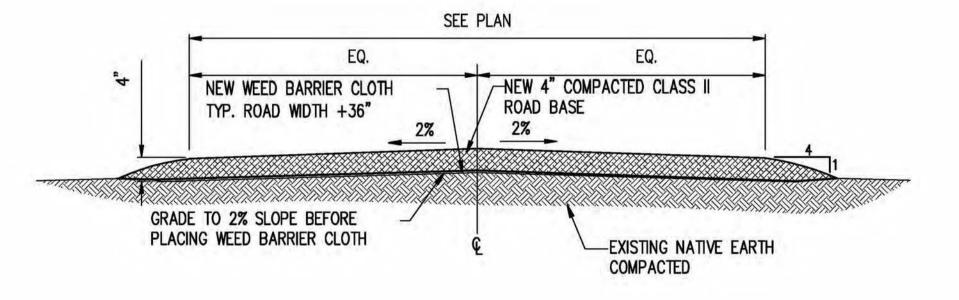
- (a) STOCKPILE TOPSOIL ON THE SITE FOR USE ON AREAS TO BE REVEGETATED.
- (b) PLACE STOCKPILED SOIL IN LOCATIONS, SO THAT IF EROSION OCCURS, IT WILL NOT CONTRIBUTE TO OFFSITE SEDIMENT DISCHARGE.
- (c) PROTECT STOCKPILED SOIL PROMPTLY THROUGH THE USE OF APPROPRIATE BMPS TO REDUCE THE RISK OF EROSION AND SEDIMENT TRANSPORT. APPLY MULCH OR OTHER PROTECTIVE COVERINGS ON STOCKPILED MATERIAL THAT WILL BE EXPOSED THROUGH THE WINTER SEASON.
- (d) DISPOSE OF EXCAVATED MATERIAL NOT USED AT THE SITE AT A LOCATION APPROVED BY THE COUNTY

(6) DUST CONTROL

- (a) ALL CONSTRUCTION AREAS, INCLUDING DISPOSAL SITES, SHALL BE TREATED AND MAINTAINED AS NECESSARY TO MINIMIZE THE EMISSION OF DUST. MAINTENANCE SHALL BE CONDUCTED AS NECESSARY TO PREVENT A NUISANCE TO OFFSITE PROPERTIES.
- (b) ALL CONSTRUCTION SITES, INCLUDING DRIVEWAYS, SHALL BE MAINTAINED AS NECESSARY TO MINIMIZE THE EMISSION OF DUST AND PREVENT THE CREATION OF A NUISANCE TO ADJACENT PROPERTIES.

(7) REVEGETATION

- (a) APPLY TEMPORARY SEEDING AND MULCHING TO DENUDED AREAS PRIOR TO OCTOBER 15 UNLESS THE PROJECT IS CONDITIONED OTHERWISE.
- (b) ESTABLISH A PERMANENT VEGETATIVE COVER ON DENUDED AREAS NOT OTHERWISE STABILIZED. PERMANENT VEGETATION GROUND COVER MUST CONTROL SOIL EROSION SATISFACTORILY AND SURVIVE SEVERE WEATHER CONDITIONS.
- (c) RETAIN A VEGETATIVE BARRIER WHENEVER POSSIBLE AROUND PROPERTY BOUNDARIES.
- (d) USE SELF-SUSTAINING, NON-INVASIVE PLANTS THAT REQUIRE LITTLE OR NO MAINTENANCE AND DO NOT CREATE AN EXTREME FIRE HAZARD.
- (e) USE NATIVE PLANT SPECIES WHENEVER FEASIBLE.



TYP. GRAVEL ROAD SECTION

SCALE: N.T.S.

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= CLIENT: =



5001 EXECUTIVE PKWY SAN RAMON, CA 94583

= PROJECT INFORMATION::

PILOT HILL 2 3100 TRIPLE SEVEN RD COOL, CA 95614

REV: = DATE: = = DESCRIPTION: 3 1 6-19-17 90% ZONING DOC'S 8-14-17 | 100% ZONING DOC'S **= COORDINATING ENGINEER:**

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

Peek Site-Com

E-Mail info@peeksitecom.com

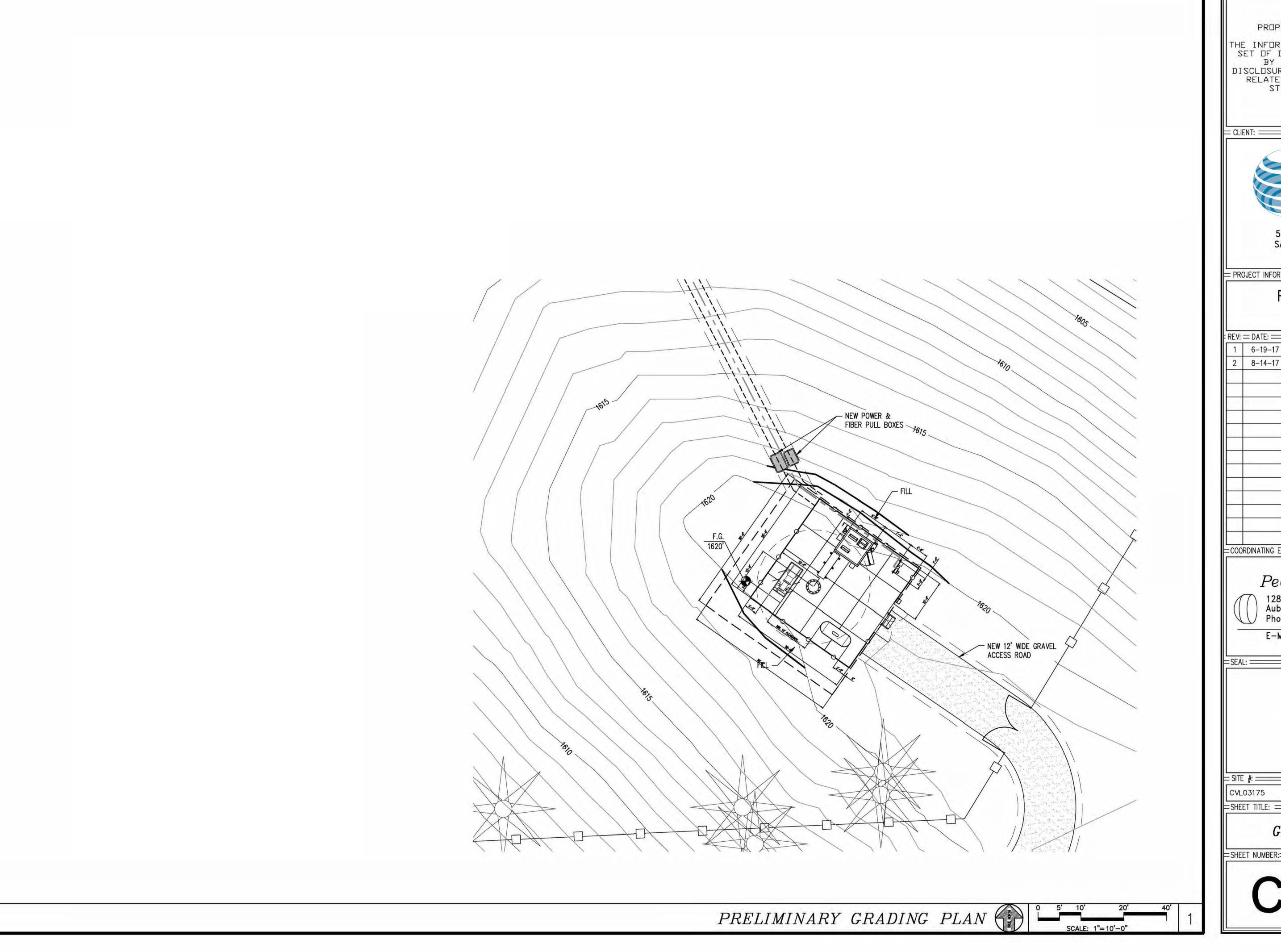
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GRADING NOTES & DETAILS

= SHEET NUMBER:=



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3100 TRIPLE SEVEN RD COOL, CA 95614

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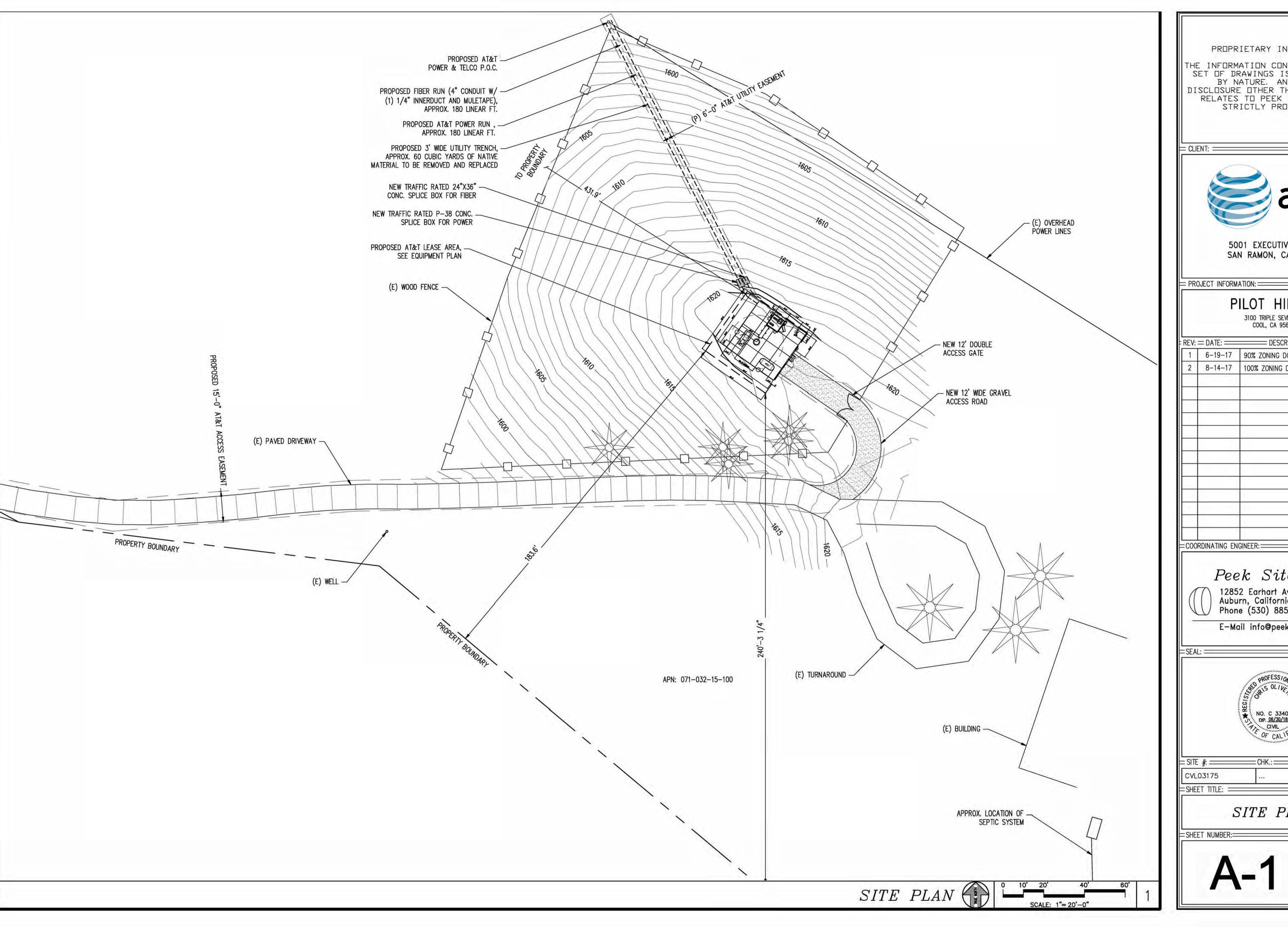
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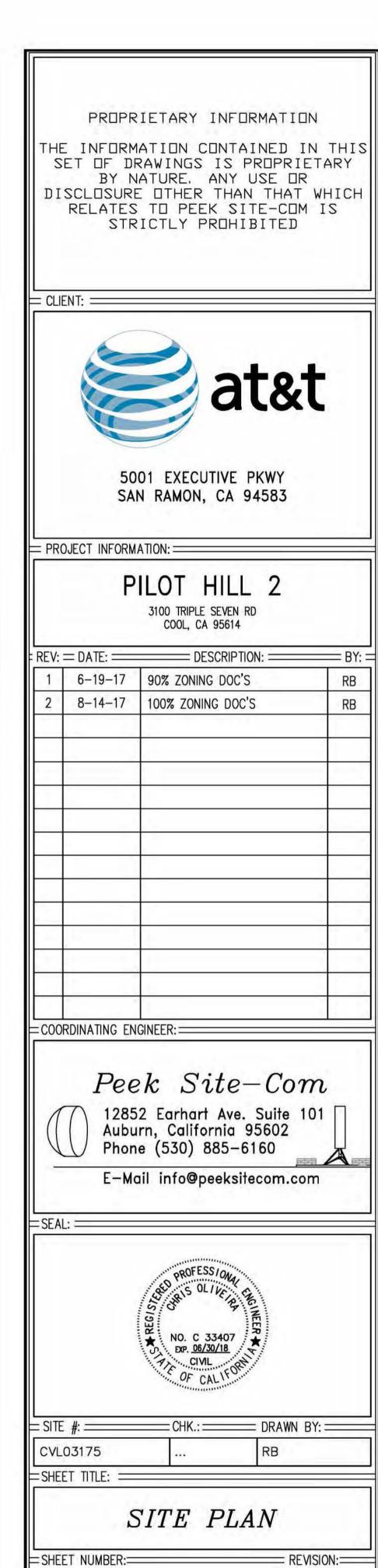


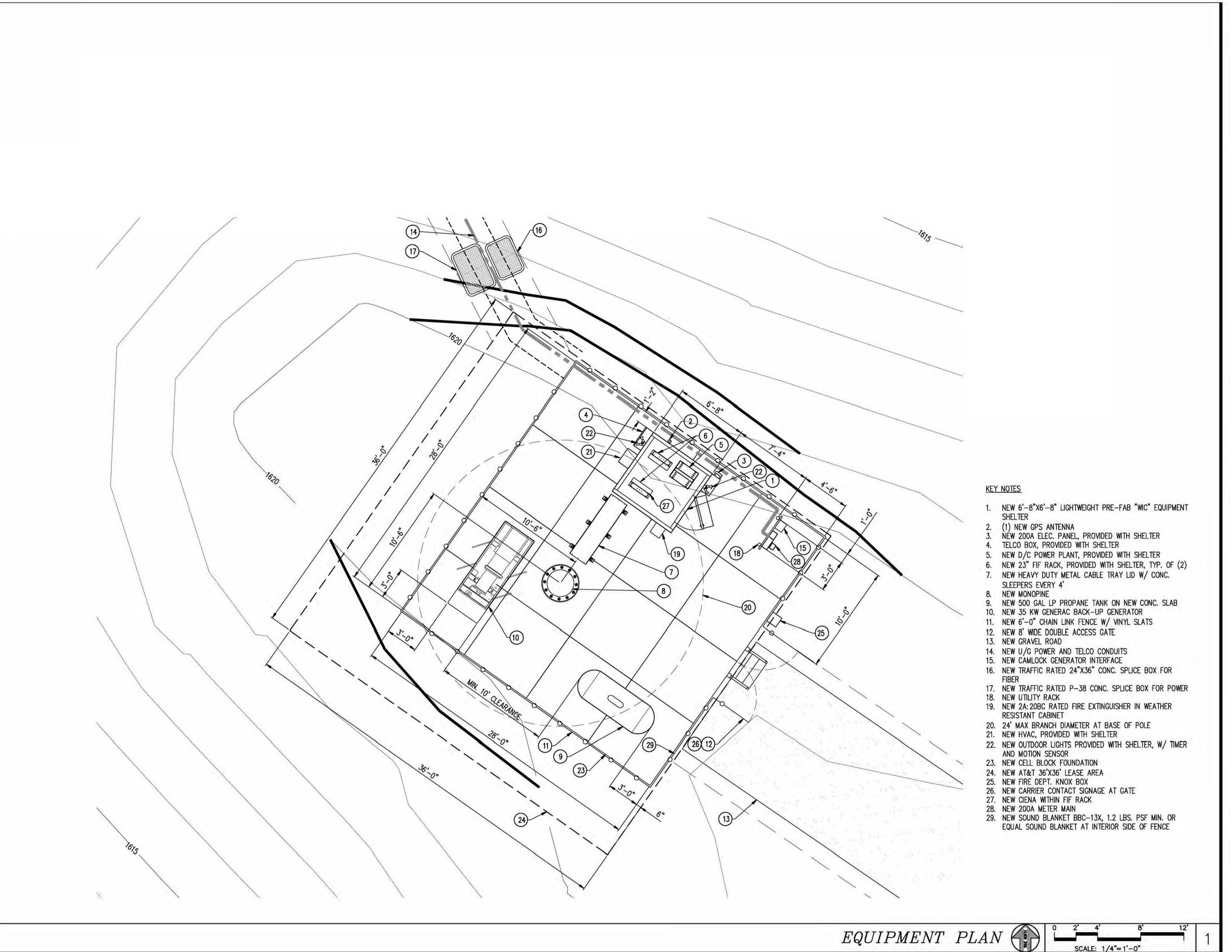
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GRADING PLAN

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5001 EXECUTIVE PKWY SAN RAMON, CA 94583

= PROJECT INFORMATION: =

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3100 TRIPLE SEVEN RD COOL, CA 95614

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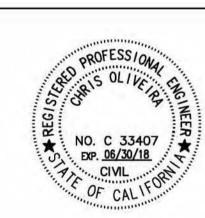
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EQUIPMENT PLAN

=SHEET NUMBER:=

RF SCHEDULE RAD CENTER PHYSICAL ANTENNA MODEL RRU FIBER LENGTH COAX LENGTH COAX DIA. (1) RRUS-11 & (1) RRUS-32 B2 QS6656-3 N/A ± N/A ± 110' ± 160' (1) RRUS-11, (1) RRUS-12 ± 110' N/A ± N/A A/2QS6658-3 ± 160' & (1) RRUS-32 B66 (1) RRUS-32 B30 A/3 ± 100' 90. N/A ± N/A N/A HBSA-M65R-KU-H6 ± 170' A/4 90. ± N/A N/A (1) RRUS-32 B30 N/A ± 170' (1) RRUS-11 & (1) RRUS-32 B2 ± N/A QS6656-3 ± 110' N/A ± 160' (1) RRUS-12 & (1) RRUS-32 B66 B/2 ± N/A QS6658-3 ± 110' N/A ± 160' (1) RRUS-11 ± N/A HBSA-M65R-KU-H6 ± 100' 330° ± 170' HBSA-M65R-KU-H6 ± 100' 330 (1) RRUS-32 B30 N/A ± 170' ± N/A N/A (1) RRUS-11 & (1) RRUS-32 B2 ± N/A C/1 QS6656-3 ± 110' 210 N/A ± 160' (1) RRUS-12 & (1) RRUS-32 B66

(1) RRUS-11

(1) RRUS-32 B30

RF SCHEDULE SCALE: N.T.S. - NEW ANTENNA - NEW RRUS-11 NEW CROSSOVER PLATE KIT, -SECTOR B SITE-PRO MODEL # SP216 - OUTLINE OF 6' MONOPINE BRANCHES OR EQUAL, TYP. OF (3) - NEW RRUS-32 NEW UNIVERSAL RING MOUNT -- NEW CROSSOVER PLATE KIT, SITE-PRO MODEL # LWRM OR EQUAL SITE-PRO MODEL # SP219 OR EQUAL, TYP. OF (6) - NEW ANTENNA NEW ANTENNA ✓ NEW 3-1/2"øX7' LONG SCH. 40 NEW RRUS-32 -HORIZONTAL PIPE, TYP. OF (3) NEW 24" SUPPORT ARM, TYP. OF (3), -SITE-PRO MODEL SV197-24 OR EQUAL AZ=90° T.N. NEW RRUS-11-SECTOR A NEW ANTENNA-The - NEW ANTENNA - NEW RRUS-11 (2) FUTURE 4'ø M/W DISHES - NEW ANTENNA SECTOR C - NEW RRUS-32 - NEW RRUS-32 - NEW ANTENNA - OUTLINE OF 6' MONOPINE BRANCHES RAD CENTER ± 100' SECTOR B - NEW ANTENNA OUTLINE OF 6' MONOPINE BRANCHES SECTOR A - NEW SURGE SUPPRESSOR - NEW RRUS-32 STANDOFF ARM, SITE PRO - MODEL # MMO2, TYP. OF (4) - NEW RRUS-11 NEW RRUS-32 - NEW ANTENNA NEW RRUS-32 - NEW RRUS-11 NEW RRUS-11 - NEW RRUS-11 AZ=90° T.N. BACK TO BACK PIPE MOUNT — KIT, SITE PRO MODEL # BBPM-K1, TYP. OF (4) NEW RRUS-32 -NEW ANTENNA -RRU PIPE, SITE PRO MODEL — # P263, TYP. OF (12) - NEW RRUS-11 - NEW ANTENNA QUAD UNIVERSAL RING MOUNT, SITE PRO MODEL # UQB4 NEW RRUS-32 -- NEW RRUS-32 - NEW RRUS-32 NEW D/C POWER -& FIBER TRUNKS - NEW SURGE SUPPRESSOR, - NEW MONOPOLE 3-SECTOR T-ARM KIT, TYP. OF (3) NEW RRUS-11 SITE PRO MODEL# RMV5-272 OR EQUAL - NEW RRUS-32 - NEW ANTENNA NEW RRUS COLLAR MOUNT TO BE MOUNTED
DIRECTLY UNDER ANTENNA ARRAY SECTOR C RAD CENTER ± 110'

ANTENNA PLAN

C/2

QS6658-3

HBSA-M65R-KU-H6

HBSA-M65R-KU-H6 ± 100'

210

210

± 110'

± 100'

PROPRIETARY INFORMATION

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= CLIENT: =

± N/A

± N/A

± N/A

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

N/A

± 160'

± 170'

± 170'



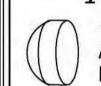
5001 EXECUTIVE PKWY SAN RAMON, CA 94583

= PROJECT INFORMATION: =

PILOT HILL 2 3100 TRIPLE SEVEN RD

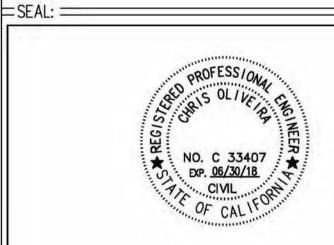
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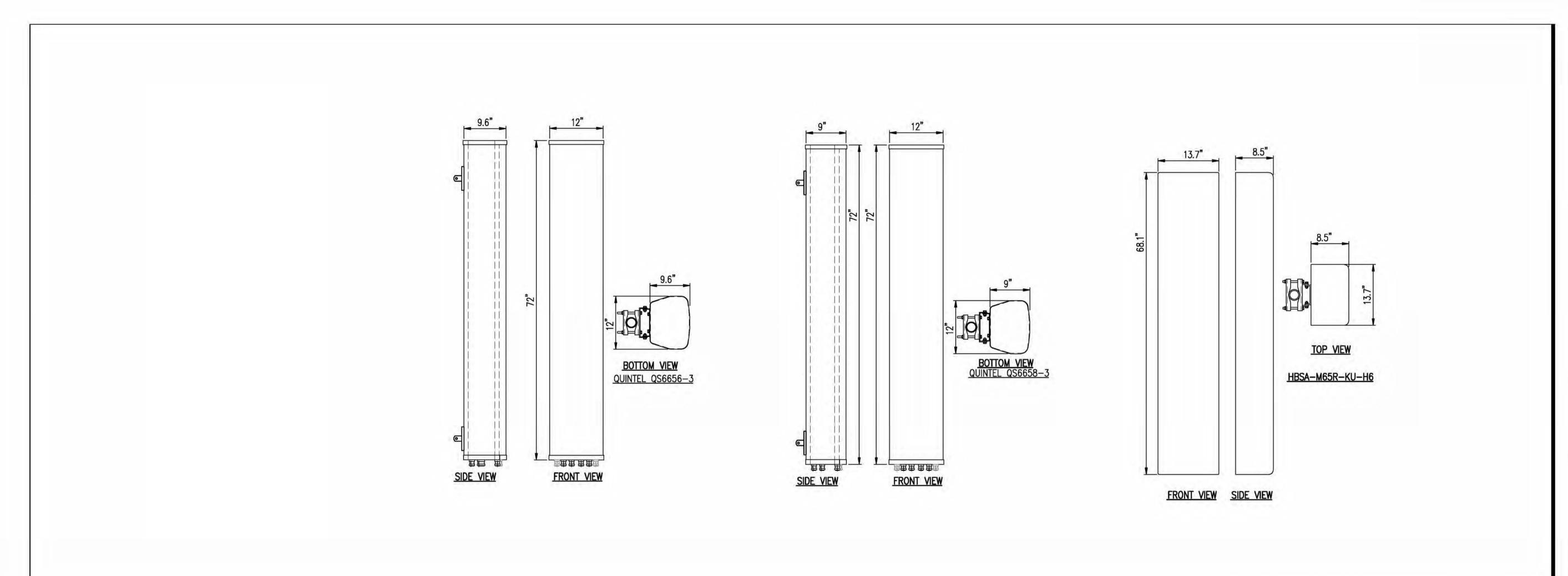
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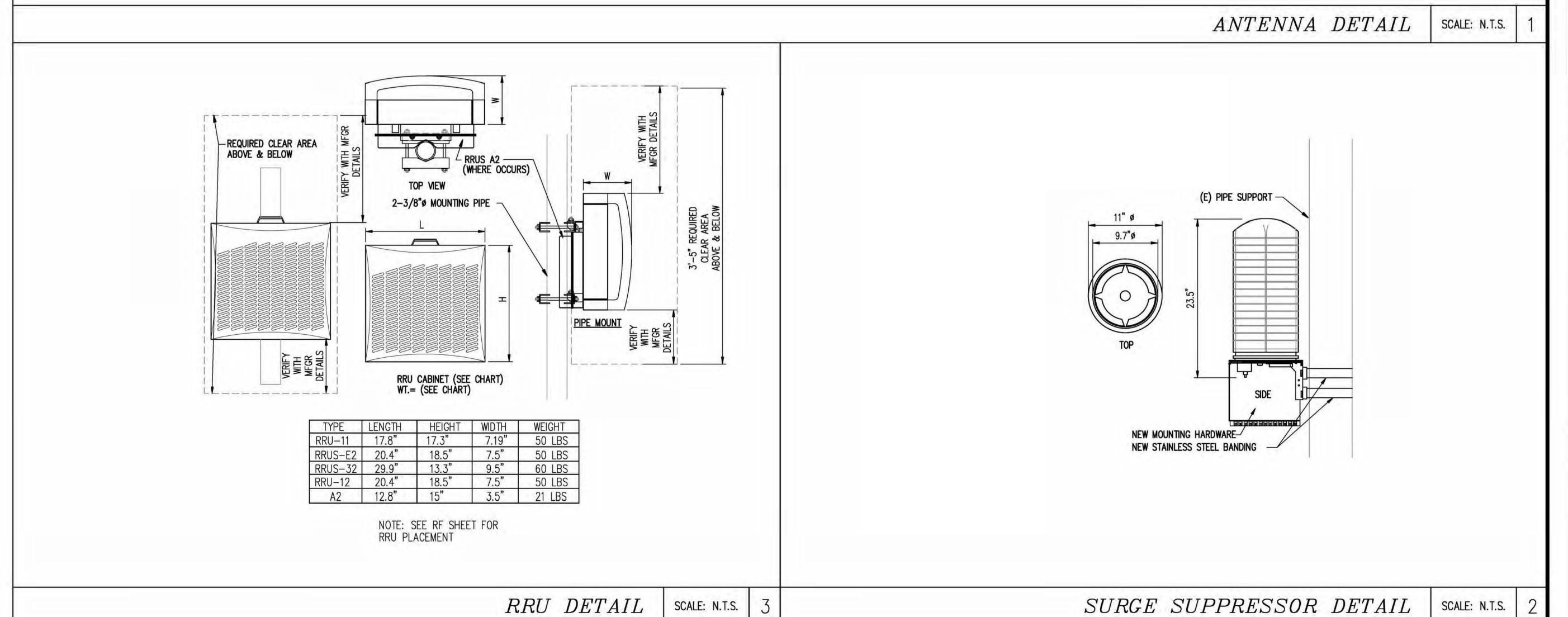


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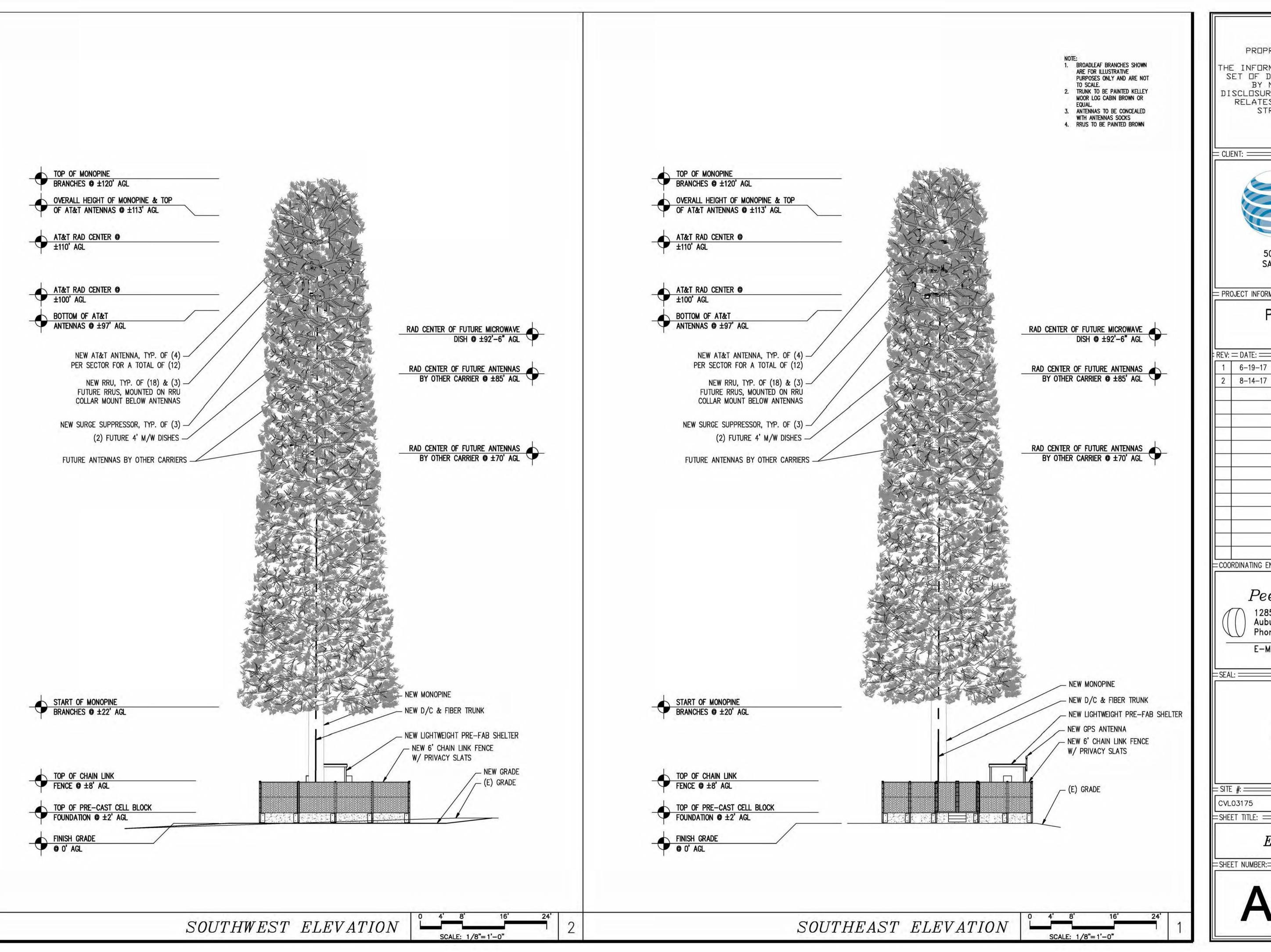
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3100 TRIPLE SEVEN RD COOL, CA 95614

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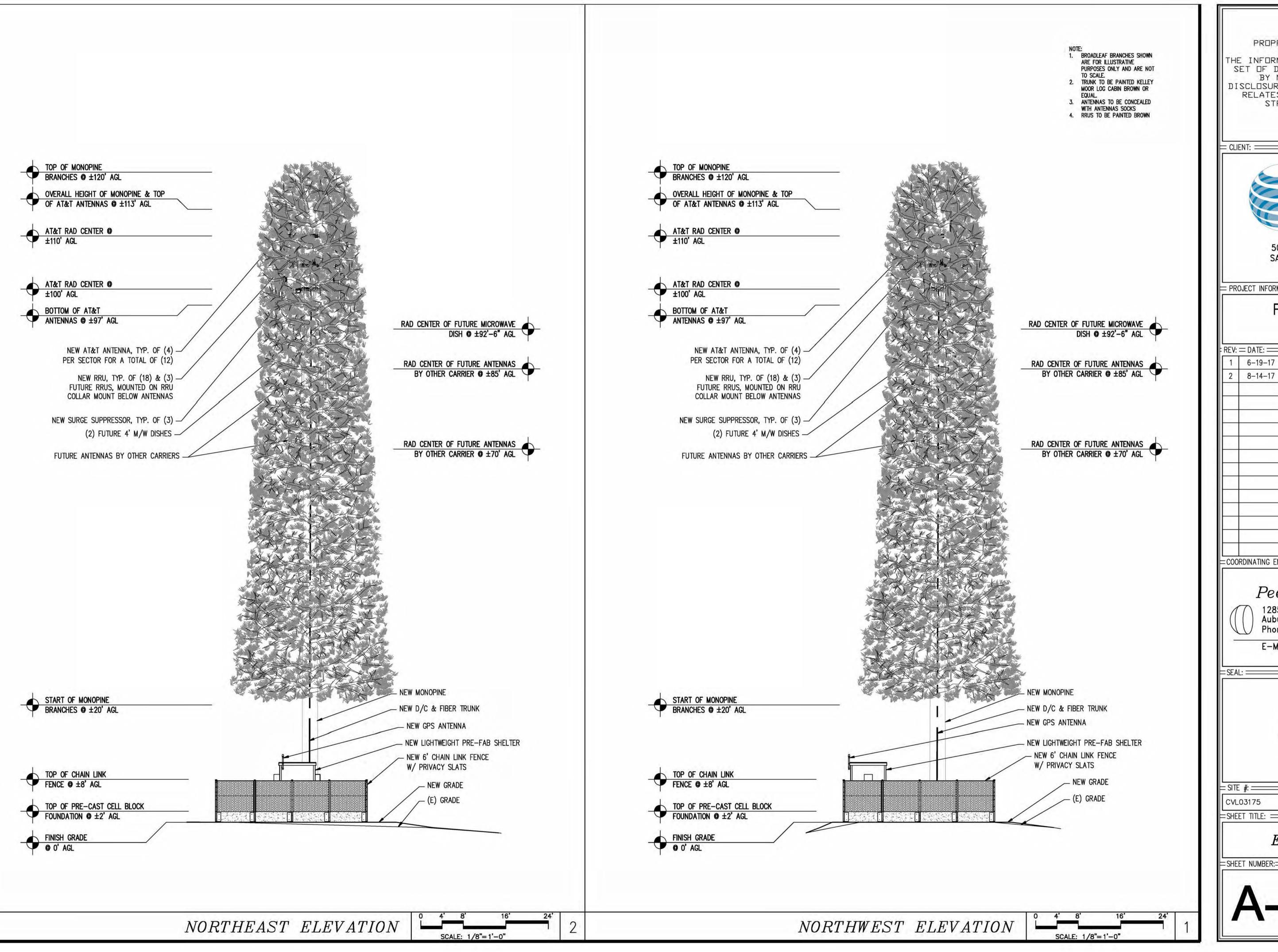
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ELEVATIONS



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3100 TRIPLE SEVEN RD COOL, CA 95614

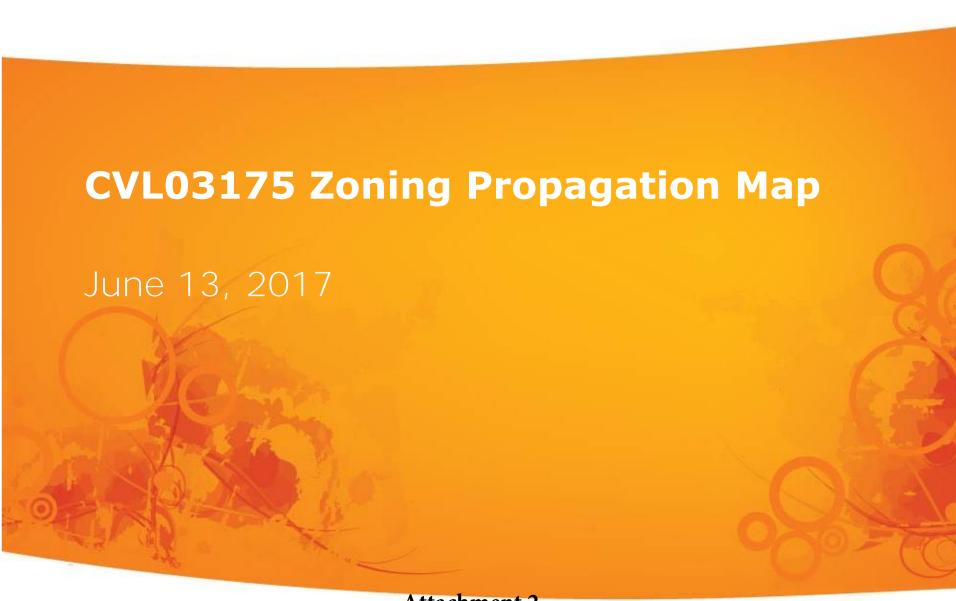
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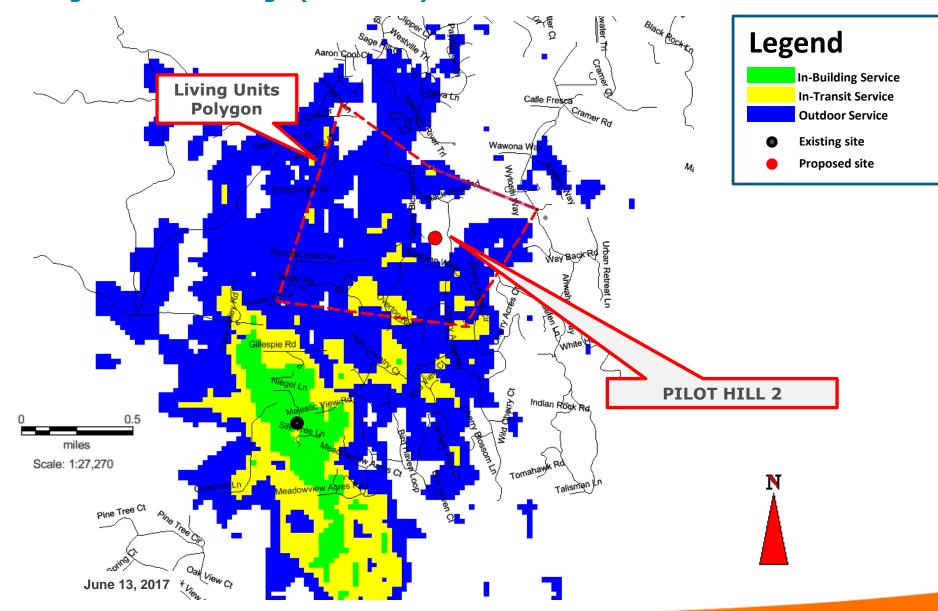
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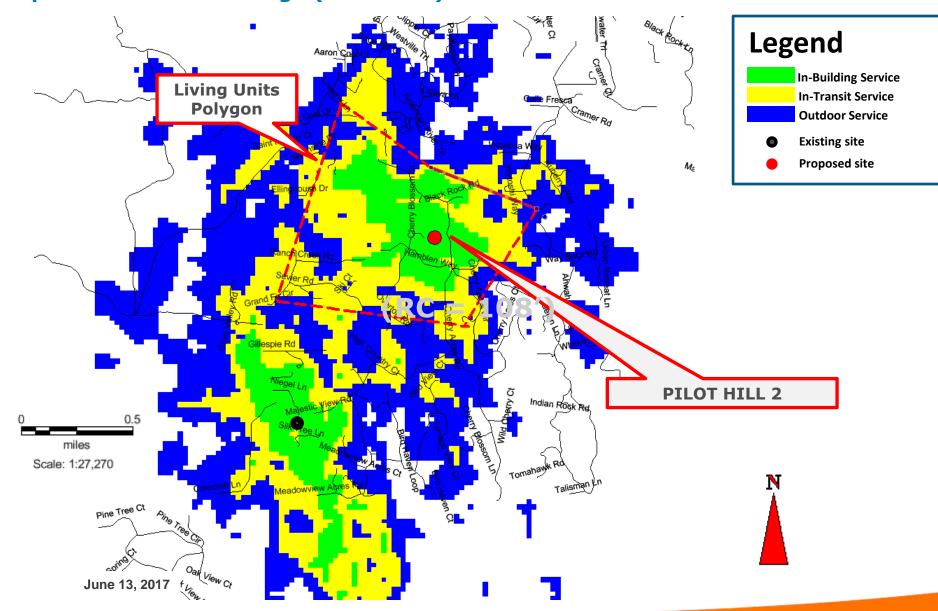


Attachment 2
Site 1 Cool (formerly Pilot Hill 2) 8-1015 L 14 of 32

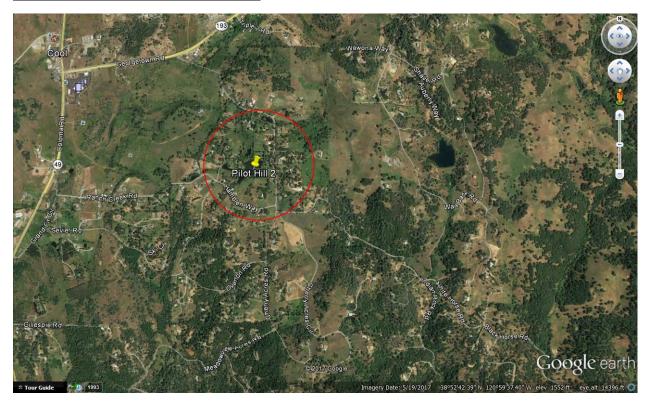
Existing LTE 700 Coverage (RC = 108')



Proposed LTE 700 Coverage (RC = 108')



Search Ring's Description and Objectives:

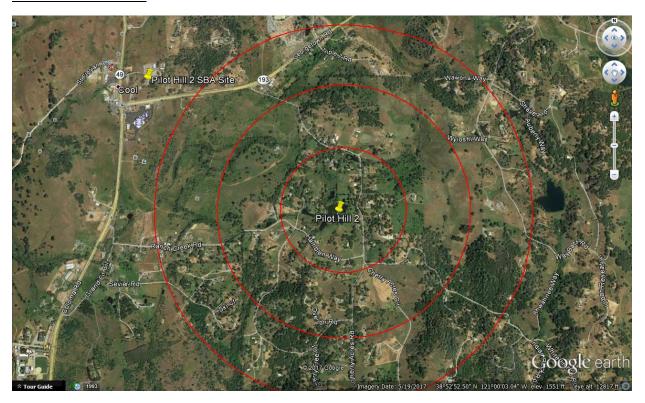


AT&T Mobility is proposing to build and maintain an unmanned wireless telecommunication facility consisting of a 36' x 36', 1,296 square foot enclosed compound (lease area). The compound will include a 120 foot Stealth Monopine tower, one equipment shelter, one 35kw standby propane generator, and one 500 gallon propane tank. This facility will be located at 3100 Triple Seven Road, Cool, within El Dorado County's jurisdiction in a 25.037 acre RE-5 zone. The site is approximately 870 feet south of Knickerbocker Creek and the area consists of oak trees, evergreen trees, and rolling hills with rocky terrain.

AT&T's objective for the Pilot Hill 2 site is to provide wireless hi-speed broadband internet to a minimum of 197 LU's and cellular services to the nearby residences. This site is to provide hi-speed internet and enhanced cellular coverage & capacity to the Cool and Cherry Acres community, surrounding the search ring, which is a relatively dense underserved areas. The site location's elevation is approximately 1,621 feet while the surrounding community's elevation averages around 1,500 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 197 homes.

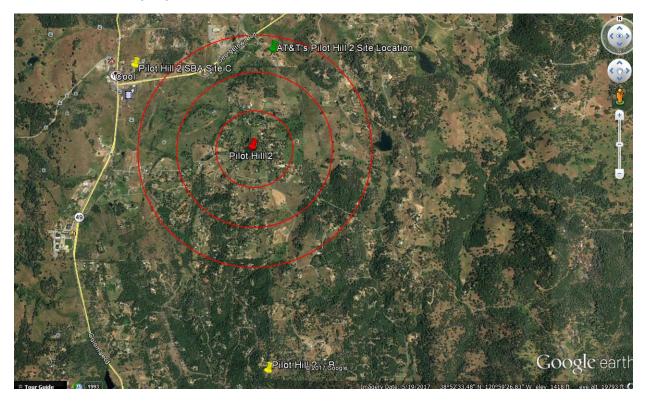
Attachment 3
Site 1 Cool (formerly Pilot Hill 2)

Potential Co-locations:



The nearby SBA Wireless Facility located at 1050 Northside Drive, Cool, was initially considered for a colocation proposal. However, running the coverage simulation at the available antenna height of 40 feet, AT&T discovered that they would lose a considerable amount of living units. This would have also resulted in AT&T failing to meet its FCC mandate for coverage for the Cool Community.

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



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

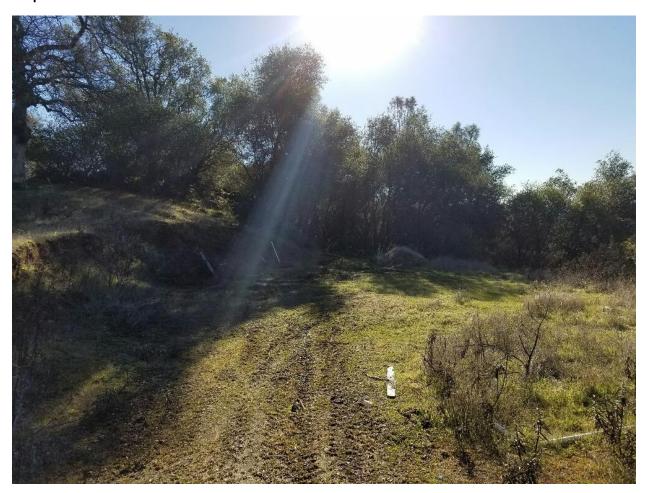
Each Alternative Site is discussed below:

Pilot Hill 2 Alternative Candidate B:

Address: 2225 Terrace View Court, Cool, CA 95614

Latitude/Longitude: 38.860233, -120.997694

Proposal – New Tower



Considerations:

Candidate B is located approximately 1.25 miles south of the center of AT&T's search ring. The proposed tower would be located on a 6 acre, RE-5 zoned property owned by Brian Cummings. The property is located at the end of Terrace View Court and the site was proposed in the center 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 3100 Triple Seven Road (Subject Parcel).

Pilot Hill 2 Alternative Candidate C:

1050 Northside Drive, Cool, CA 95614

Latitude/Longitude: 38.888289, -121.014101

Proposal – Co-Location



Considerations:

The nearby SBA Wireless Facility located at 1050 Northside Drive, Cool, was initially considered for a colocation proposal. However, running the coverage simulation at the available antenna height of 40 feet, AT&T discovered that they would lose a considerable amount of living units. This would have also resulted in AT&T failing to meet its FCC mandate for coverage for the Cool Community.

Actual View of the Proposed Location:

The proposed lease area is located centrally in the subject property. The site will not interfere with the existing use of the property. Access will be directly off of Triple Seven Road. 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 1 Cool (formerly Pilot Hill 2)







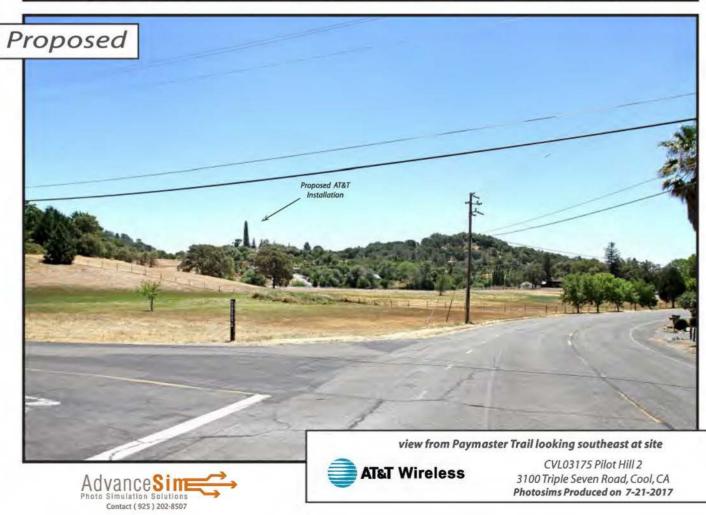




AdvanceSime Photo Simulation Solutions Contact (925) 202-8507

3100 Triple Seven Road, Cool, CA Photosims Produced on 7-21-2017





Photosims Produced on 7-21-2017





Sound Specifications:

• Emergency Generator Model: SG035 Generac

Average decibel (dBa) level at 23 feet = 64.9 dBa

HVAC Model: ASDCA48

Average decibel (dBa) level at 50 feet = 57 dBa

Sound Specifications while taking the Sound Blanket into consideration:

• Emergency Generator Model: SG035 Generac

Average decibel (dBa) level at 23 feet = 58.11 dBa

HVAC Model: ASDCA48

Average decibel (dBa) level at 50 feet = 46.36 dB

Findings:

1. Distance to the Nearest Property Line = 183'+/-

a. Generator Decibel level at 183' = 40.1 dBa

b. HVAC Decibel level at 183' = 35.09 dBa

2. Distance to the Nearest Residence = 600'+/-

a. Generator Decibel level at 600' = 29.78 dBa

b. HVAC Decibel level at 600' = 24.78 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



Radio Frequency Emissions Compliance Report For AT&T Mobility

Site Name: Pilot Hill 2

3100 Triple Seven Road

Cool, California

Report Date: July 22, 2017

Site Structure Type: Monopine

Latitude: N38-53-22.80 Longitude: W120-59-49.80

Project: New Build

General Summary

Address:

AT&T Mobility has contracted Waterford Consultants, LLC to conduct a Radio Frequency Electromagnetic Compliance assessment of the proposed Pilot Hill 2 site located at 3100 Triple Seven Road, 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. Based on the criteria for these classifications, the FCC General Population limit is considered to be a level that is safe for continuous exposure time. The FCC General Population limit is 5 times more restrictive than the Occupational limits.

	Limits for General Populate	ion/ Uncontrolled Exposure	Limits for Occupational/ Controlled Exposu		
Frequency (MHz)	Power Density (mW/cm²)	Averaging Time (minutes)	Power Density (mW/cm²)	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.

Attachment 6 Site 1 Cool (formerly Pilot Hill 2)

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 antennas
- Install six (6) new RRUS-11
- Install ten (10) new RRUS-32
- Install three (3) new RRUS-12

The antennas will be mounted on a new 122-foot monopine erected for this purpose with centerlines at 100 and 108 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 GPS antennas, RRUs and hybrid cable are not sources of RF emissions. From this site, AT&T Mobility will enhance voice and data services to surrounding areas in licensed 700, 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 0.7985% of the FCC General Population limits (0.1597% 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 0.1425% of the FCC General Population limits (0.0285% of the FCC Occupational limits). The proposed operation will not expose members of the General Public to hazardous levels of RF energy and will not contribute to existing cumulative MPE levels on walkable surfaces at ground or at adjacent buildings by 5% of the General Population limits.

Within the proposed compound surrounding the tower, the maximum predicted power density level resulting from all AT&T Mobility operations is 0.0240% of the FCC Occupational limits (0.1200% of the FCC General Population limits). Waterford Consultants, LLC recommends posting contact information signage at the compound gate. RF alerting signage (Caution) should be posted at the base of the proposed tower to inform authorized climbers of potential conditions near the antennas. These recommendations are depicted in Figure 2.

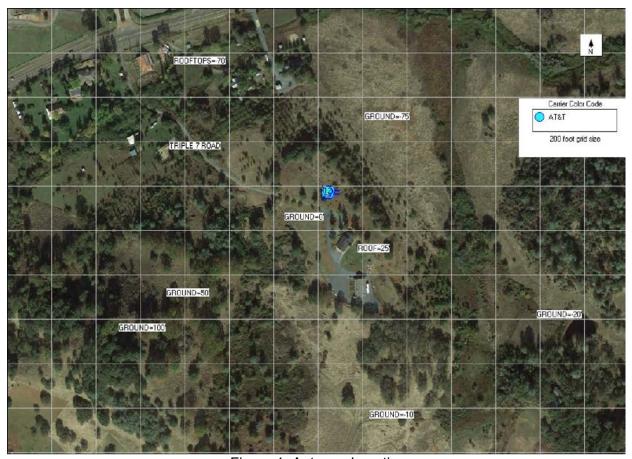


Figure 1: Antenna Locations

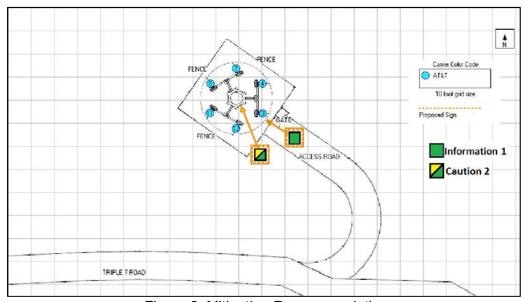


Figure 2: Mitigation Recommendations

Compliance Statement

Based on information provided by AT&T Mobility, predictive modeling and the mitigation action to be implemented by AT&T Mobility, the installation proposed by AT&T Mobility at 3100 Triple Seven Road, 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 tower to authorized climbers that have completed RF safety training is required for Occupational environment compliance.

Certification

I, Steven N. Baier-Anderson, am the reviewer and approver of this report and am fully aware of and familiar with the Rules and Regulations of both the Federal Communications Commissions (FCC) and the Occupational Safety and Health Administration (OSHA) with regard to Human Exposure to Radio Frequency Radiation, specifically in accordance with FCC's OET Bulletin 65. I have reviewed this Radio Frequency Exposure Assessment report and believe it to be both true and accurate to the best of my knowledge.

