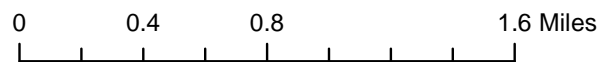


S17-0016/AT&T CAF4
Site 7 Gold Hill
Location Map
Exhibit A



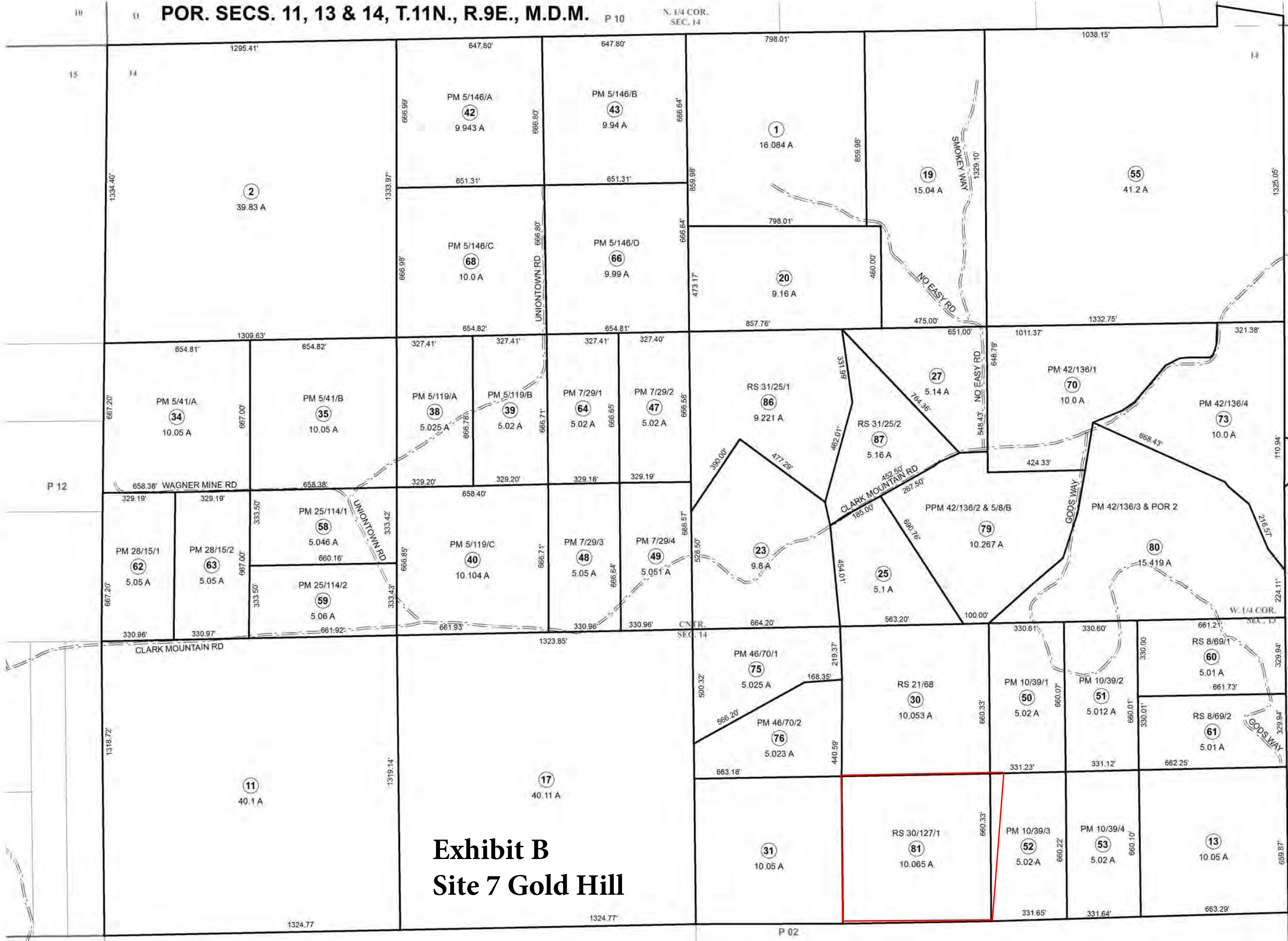
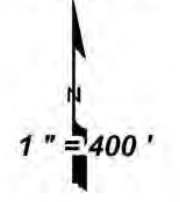


Exhibit B Site 7 Gold Hill

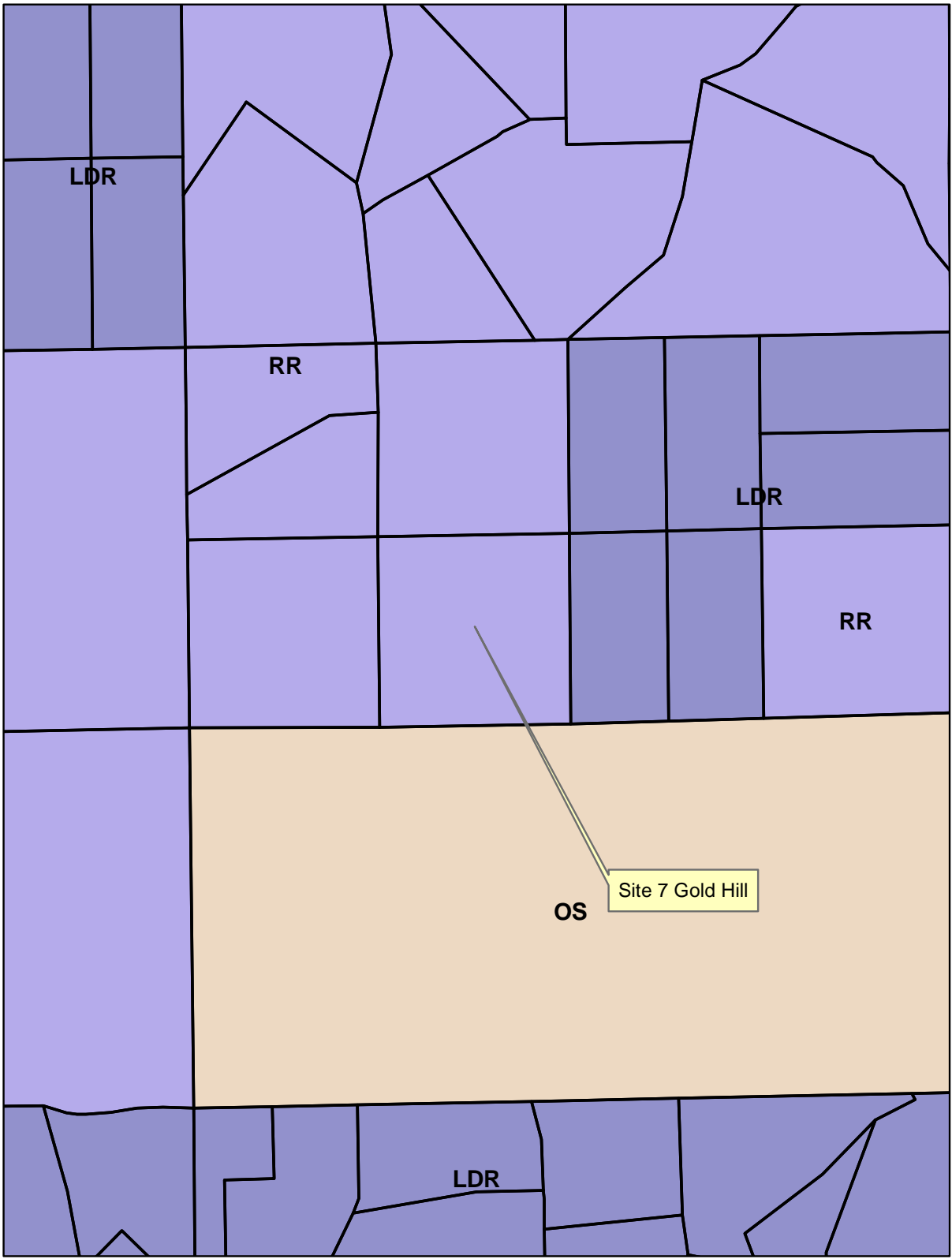
Acreages Are Estimates

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

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

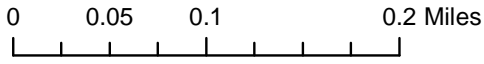
Rev2. Aug. 7, 2008

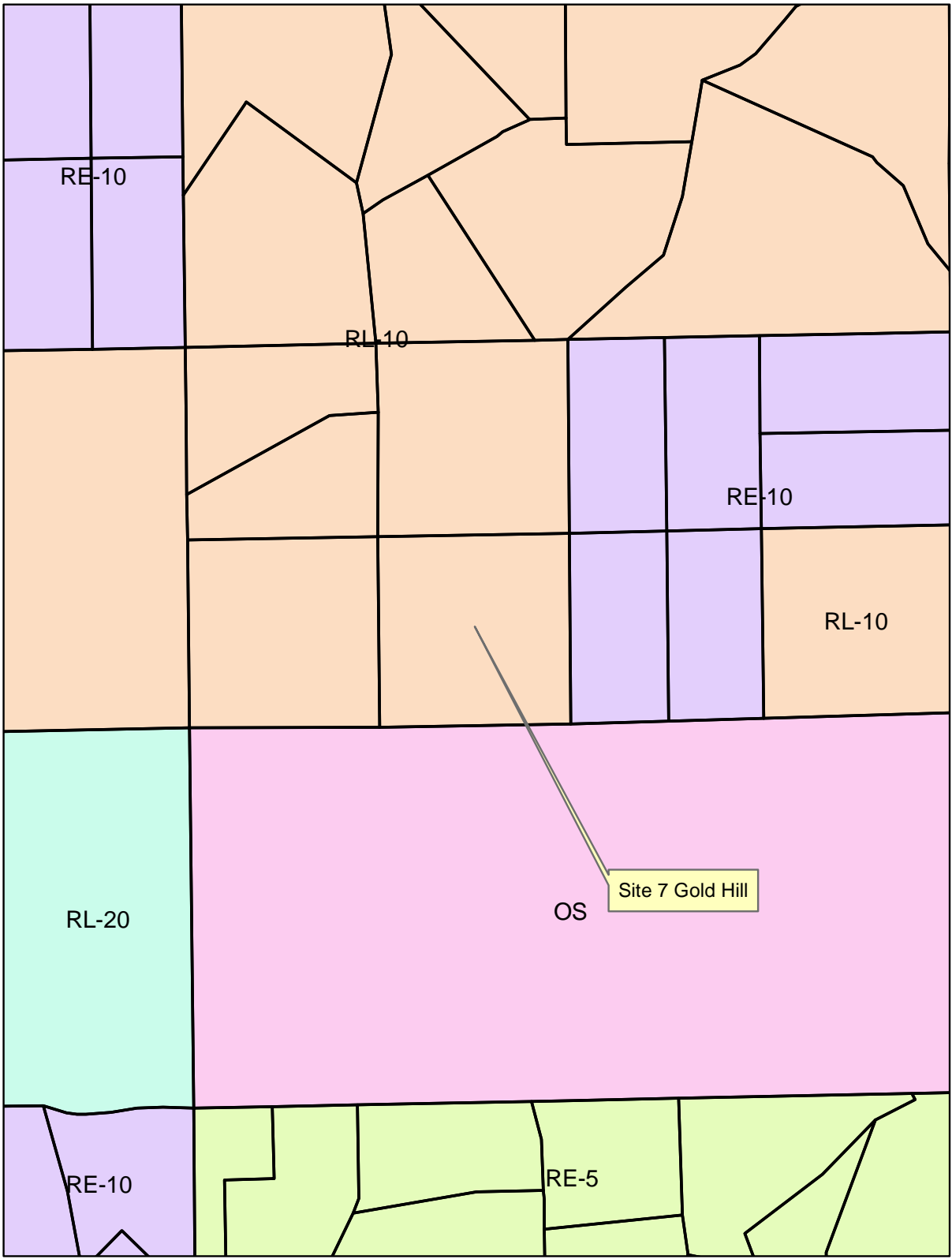
Assessor's Map Bk. 105, Pg.11 County of El Dorado, CA



S17-0016/AT&T CAF4
 Site 7 Gold Hill
 General Plan Map
 Exhibit C

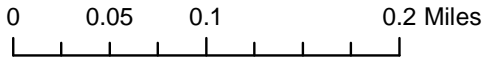
- LDR
- OS
- RR

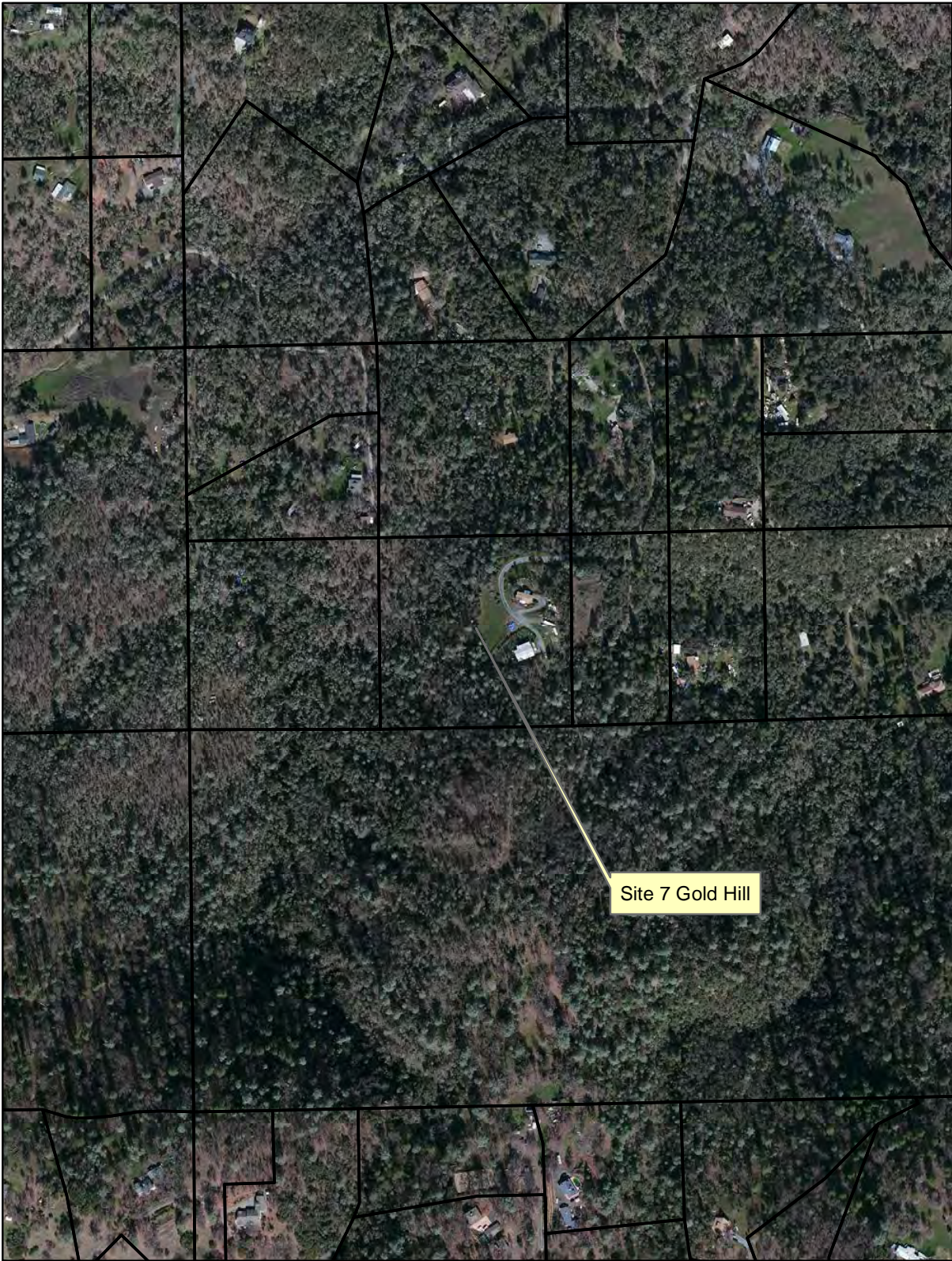




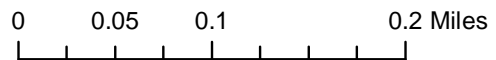
S17-0016/AT&T CAF4
 Site 7 Gold Hill
 Zoning Map
 Exhibit D

- OS
- RE-10
- RE-5
- RL-10
- RL-20





S17-0016/AT&T CAF4
Site 7 Gold Hill
Aerial Map
Exhibit E





at&t

SITE NUMBER: CVL03054
 SITE NAME: GOLD HILL

6812 GODS WAY
 LOTUS, CA 95651

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

CLIENT:

2600 CAMINO RAMON
 SAN RAMON, CA 94583

PROJECT INFORMATION	PROJECT TEAM	SHEET INDEX
<p>APPLICANT: AT&T MOBILITY 2600 CAMINO RAMON SAN RAMON, CA 94583</p> <p>CONSTRUCTION MANAGER: PETE MANAS EPIC WIRELESS 8700 AUBURN FOLSOM ROAD, SUITE 400 GRANITE BAY, CA 95746 (530) 383-5957</p> <p>SITE SURVEY: GEIL ENGINEERING 1226 HIGH STREET AUBURN, CA 95603 (530) 885-0426</p> <p>RF ENGINEER: MUHAMMAD AHMED MA912P@ATT.COM</p> <p>RFDS VERSION/DATE: 1.00.01 / 04-28-17</p> <p>ENGINEERING FIRM: PEEK SITE-COM 12852 EARHART AVE SUITE 101 AUBURN, CA 95602 (530) 885-6160</p> <p>SITE ACQUISITION & PLANNING: JARED KEARSLEY EPIC WIRELESS 8700 AUBURN FOLSOM ROAD, SUITE 400 GRANITE BAY, CA 95746 (916) 755-1326</p> <p>CIVIL VENDOR: VINCOLUMS CONSTRUCTION MANAGER KEN ABEL KABEL@VINCOLUMS.COM (916) 844-4602</p>	<p>SITE NAME: GOLD HILL SITE NUMBER: CVL03054 FA LOCATION#: 13787671</p> <p>SITE ADDRESS: 6812 GODS WAY LOTUS, CA 95651</p> <p>ASSESSORS PARCEL NUMBER: 105-110-81-100 LATITUDE: 38.802403° LONGITUDE: -120.937256° GROUND ELEVATION: 1102' AMSL</p> <p>ZONING: RL-10 JURISDICTION: EL DORADO COUNTY COUNTY: EL DORADO</p> <p>PROPERTY OWNER: ANNE L STROUD TR, RODGER STROUD AND KATHLEEN STROUD OWNER ADDRESS: 6812 GODS WAY LOTUS, CA 95651</p> <p>POWER AGENCY: PG&E 525 MARKET ST, SPEAR TOWER SAN FRANCISCO, CA 94105 PHONE: 1 (800) 310-2355 AT&T</p> <p>TELEPHONE AGENCY: AT&T</p>	<p>T-1 TITLE SHEET GN-1 GENERAL NOTES GN-2 SITE SIGNAGE C-1 SITE SURVEY C-2 EROSION CONTROL PLAN & DETAILS C-3 GRADING NOTES & DETAILS C-4 GRADING PLAN A-1 OVERALL SITE PLAN A-2 EQUIPMENT PLAN A-3 ANTENNA PLAN & DETAILS A-3.1 DETAILS A-4 ELEVATIONS A-4.1 ELEVATIONS</p>

PROJECT INFORMATION:

GOLD HILL
 6812 GODS WAY
 LOTUS, CA 95651

REV#	DATE	DESCRIPTION	BY
1	6-5-17	90% ZONING DOCUMENTS	AMP
1	8-3-17	95% ZONING DOCUMENTS	ALP
2	8-9-17	100% ZONING DOCUMENTS	ALP

CODE COMPLIANCE	VICINITY MAP	DIRECTIONS FROM AT&T	PROJECT DESCRIPTION																											
<p>ALL WORK AND MATERIALS SHALL BE PERFORMED AND INSTALLED IN ACCORDANCE WITH THE CURRENT EDITIONS OF THE FOLLOWING CODES AS ADOPTED BY THE LOCAL GOVERNING AUTHORITIES. NOTHING IN THESE PLANS IS TO BE CONSTRUED TO PERMIT WORK NOT CONFORMING TO THESE CODES.</p> <ol style="list-style-type: none"> 2016 CALIFORNIA BUILDING CODE 2016 CALIFORNIA FIRE CODE 2016 CALIFORNIA ELECTRICAL CODE 2016 CALIFORNIA PLUMBING CODE 2016 CALIFORNIA MECHANICAL CODE 2016 CALIFORNIA HEALTH AND SAFETY CODE 	<p>SITE LOCATION</p>	<p>DIRECTIONS FROM AT&T'S OFFICE AT 2600 CAMINO ROMAN SAN ROMAN, CA 94583</p> <p>Summary: 126.4 miles (2 hours, 2 minutes)</p> <p>Depart San Ramon on I-680 N Take Ramp (RIGHT) onto I-80 E Road name changes to I-80 Branch TO US-50 Exit 37 Ponderosa Turn LEFT (North) onto Ponderosa Rd Turn RIGHT (East) onto N Shingle Rd Keep STRAIGHT onto Green Valley Rd Keep STRAIGHT onto Lotus Rd Turn LEFT (West) onto Bassi Rd Bear RIGHT (North) onto Petersen Ln Turn LEFT (West) onto Clark Mountain Rd Turn LEFT (South) onto Gods Way</p> <p>Arrive 6812 Gods Way, Lotus, CA 95651</p>	<p>AT&T PROPOSES TO CONSTRUCT A NEW UNMANNED TELECOMMUNICATIONS FACILITY. AT&T WILL INSTALL:</p> <ul style="list-style-type: none"> (1) NEW 12' WIDE GRAVEL ACCESS ROAD (1) NEW 35'X40' FENCED LEASE AREA (1) NEW 6' CHAIN LINK FENCE (1) NEW 12' WIDE DOUBLE ACCESS GATE (1) NEW 112' MONOPINE (1) NEW PRE-FAB LIGHT WEIGHT EQUIPMENT SHELTER (1) NEW GPS ANTENNA (1) NEW 35kw PROPANE GENERATOR (1) LP PROPANE TANK (500 GALLON) (12) NEW ANTENNAS (9) NEW RRUS-11, (9) NEW RRUS-32 & (3) FUTURE RRUS (4) NEW SURGE SUPPRESSORS (2) FUTURE 4' M/W DISH 																											
OCCUPANCY & CONST. TYPE	SPECIAL INSPECTIONS	APPROVALS																												
<p>OCCUPANCY: U (UNMANNED) CONSTRUCTION TYPE: V-B</p> <p>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</p>	<p>*SEE SPECIAL INSPECTION FORM</p> <ol style="list-style-type: none"> POST-INSTALLED ANCHORS HIGH STRENGTH BOLTING 	<table border="1"> <thead> <tr> <th>APPROVED BY:</th> <th>INITIALS:</th> <th>DATE:</th> </tr> </thead> <tbody> <tr> <td>AT&T:</td> <td></td> <td></td> </tr> <tr> <td>VENDOR:</td> <td></td> <td></td> </tr> <tr> <td>R.F.:</td> <td></td> <td></td> </tr> <tr> <td>LEASING/LANDLORD:</td> <td></td> <td></td> </tr> <tr> <td>ZONING:</td> <td></td> <td></td> </tr> <tr> <td>CONSTRUCTION:</td> <td></td> <td></td> </tr> <tr> <td>POWER/TELCO:</td> <td></td> <td></td> </tr> <tr> <td>PG&E:</td> <td></td> <td></td> </tr> </tbody> </table>		APPROVED BY:	INITIALS:	DATE:	AT&T:			VENDOR:			R.F.:			LEASING/LANDLORD:			ZONING:			CONSTRUCTION:			POWER/TELCO:			PG&E:		
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POWER/TELCO:																														
PG&E:																														
		<p>Exhibit F Site 7 Gold Hill</p>																												
		<p>GENERAL CONTRACTOR NOTES</p> <p>DO NOT SCALE DRAWINGS</p> <p>THESE DRAWINGS ARE FORMATTED TO BE FULL SIZE 24"X36". CONTRACTOR SHALL VERIFY ALL PLANS AND EXISTING DIMENSIONS AND CONDITIONS ON THE JOBSITE AND SHALL IMMEDIATELY NOTIFY THE ARCHITECT/ENGINEER IN WRITING OF ANY DISCREPANCIES BEFORE PROCEEDING WITH THE WORK OR MATERIAL ORDERS OR BE RESPONSIBLE FOR THE SAME.</p>																												

COORDINATING ENGINEER:

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

SEAL:

SITE #:	CHK.:	DRAWN BY:
CVL03054	...	AMP

SHEET TITLE:

TITLE SHEET

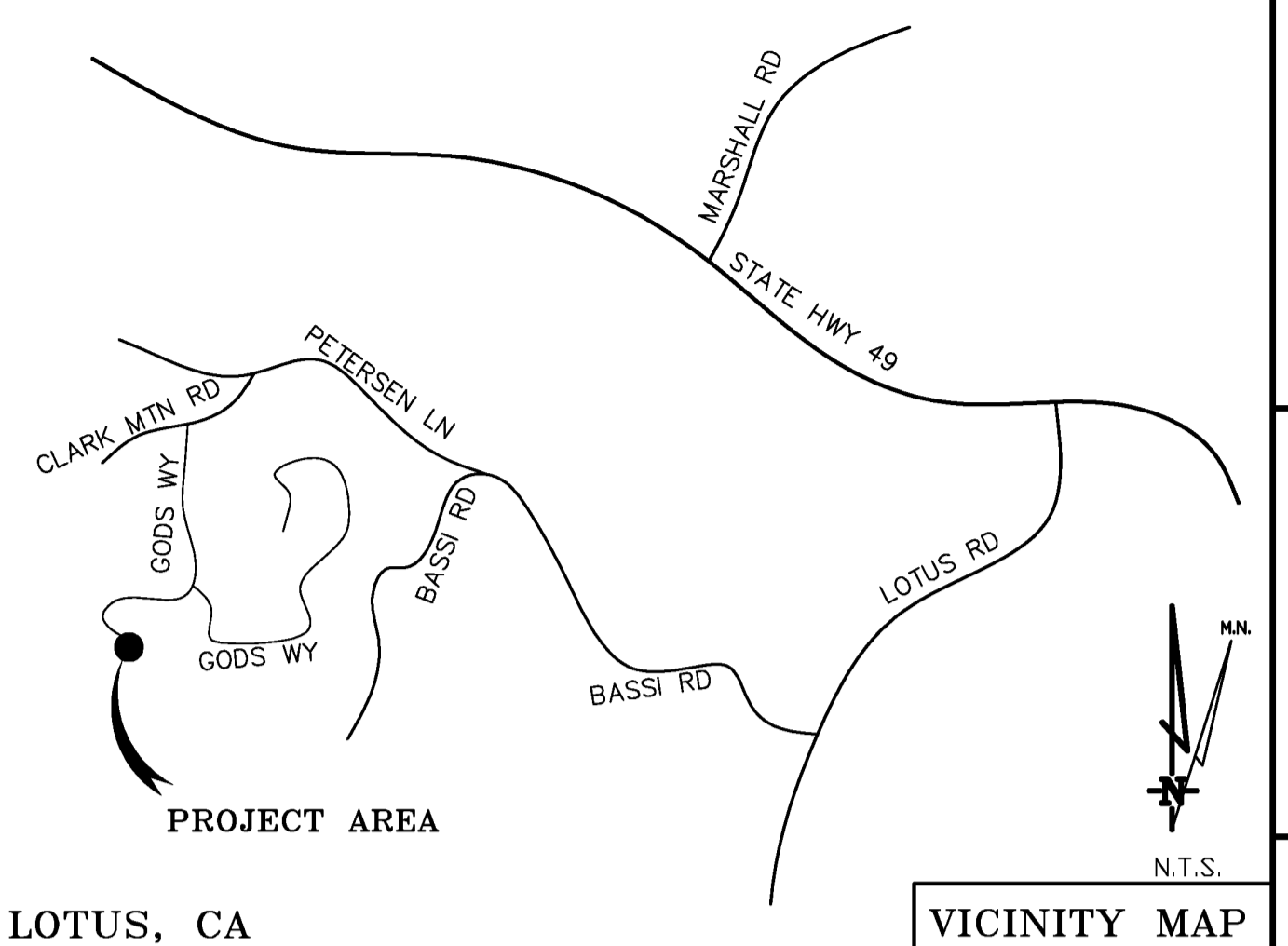
SHEET NUMBER: **T-1** REVISION: **0**

DATE OF SURVEY: 05-09-17
 SURVEYED BY OR UNDER DIRECTION OF: KENNETH D. GEIL, RCE 14803
 LOCATED IN THE COUNTY OF EL DORADO, STATE OF CALIFORNIA
 BEARINGS SHOWN ARE BASED UPON MONUMENTS FOUND AND RECORD INFORMATION. THIS IS NOT A BOUNDARY SURVEY.
 ELEVATIONS SHOWN ON THIS PLAN ARE BASED UPON U.S.G.S. N.A.V.D. 88 DATUM. ABOVE MEAN SEA LEVEL UNLESS OTHERWISE NOTED.
 N.G.V.D. 1929 CORRECTION: SUBTRACT 2.61' FROM ELEVATIONS SHOWN.
 FEMA FIRM:
 CONTOUR INTERVAL: 1 FT.
 ASSESSOR'S PARCEL NUMBER: 105-110-81-100
 LANDLORD(S): ANNE L STROUD TR, ROGER STROUD, KATHLEEN STROUD
 6812 GODS WAY
 LOTUS, CA 95651

Project Name: CVL03054 Gold Hill
 Project Site Location: 6812 Gods Way
 Lotus, CA 95651
 El Dorado County
 Date of Observation: 05-09-17

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

Type of Antenna Mount: Proposed Monopine
 Coordinates
 Latitude: N 38°48'08.65" (NAD83) N 38°48'09.00" (NAD27)
 Longitude: W 120°56'14.12" (NAD83) W 120°56'10.34" (NAD27)
 Latitude: N 38.802403° (NAD83) N 38.802500° (NAD27)
 Longitude: W 120.937256° (NAD83) W 120.936206° (NAD27)
 ELEVATION of Ground at Structure (NAVD88) 1102' AMSL



THESE DRAWINGS AND/OR THE ACCOMPANYING SPECIFICATION AS INSTRUMENTS OF SERVICE, ARE THE EXCLUSIVE PROPERTY OF GEIL ENGINEERING AND THEIR USE AND PUBLICATION SHALL BE RESTRICTED TO THE ORIGINAL SITE AND CARRIER FOR WHICH THEY ARE PREPARED. REUSE, REPRODUCTION OR PUBLICATION BY ANY METHOD, IN WHOLE OR IN PART, IS PROHIBITED EXCEPT BY WRITTEN PERMISSION FROM GEIL ENGINEERING. TITLE TO THESE PLANS AND/OR SPECIFICATIONS SHALL REMAIN WITH GEIL ENGINEERING WITHOUT PREJUDICE AND VISUAL CONTACT WITH THEM SHALL CONSTITUTE PRIMA FACIE EVIDENCE OF ACCEPTANCE OF THESE RESTRICTIONS.

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

DEPT	APPROVED	DATE
A&C		
RE		
RF		
INT		
EE/IN		
OPS		
EE/OUT		

Surveyor
GEIL ENGINEERING
 6812 GODS WAY
 LOTUS, CALIFORNIA 95651
 Phone: (830) 885-0428
 Fax: (830) 885-1309

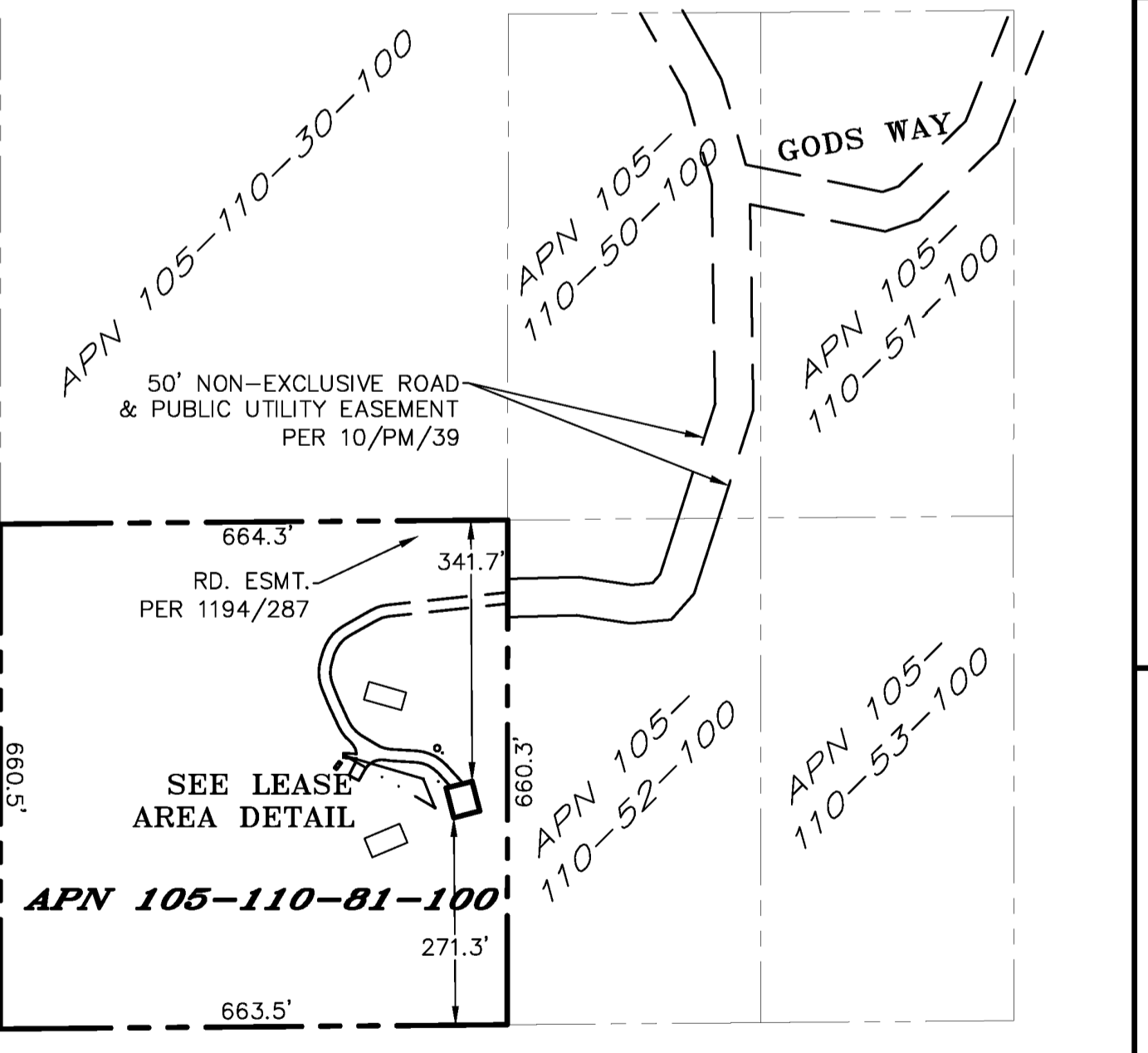
CVL03054 Gold Hill
 Lease Area Description

All that certain lease area being a portion "Tract 1" as delineated on the plat filed in Book 30 of Surveys, Page 127, El Dorado County, California Records being a portion of the Southeast quarter of the Northwest of the Southeast Quarter of Section 14, Township 11 North, Range 9 East M.D.M. being located in El Dorado County, California and more particularly described as follows:

Equipment Lease Area
 Commencing at a monument found set for the Southeast corner of the above referenced Tract 1; thence along the East boundary thereof North 0°3'40" East, 279.44 feet thence leaving said East boundary North 89°56'20" West, 36.32 feet to the True Point of Beginning; thence from said point of beginning North 14°28'18" West, 40.00 feet; thence South 75°31'42" West, 35.00 feet; thence South 14°28'18" East, 40.00 feet; thence North 75°31'42" East, 35.00 feet to the True Point of Beginning.

Together with easement for access and utility purposes, fifteen feet in width, the centerline of which is described as follows: Beginning at a point on the Northwest boundary of the above described lease area which bears South 75°31'42" West, 20.17 feet from the North most corner thereof; thence from said point of beginning North 42°35'15" West, 29.14 feet; thence along a tangent curve to the Northwest, having a radius of 50.00 feet and a central angle of 43°44'25"; thence along said curve a distance of 38.17 feet; thence North 86°19'39" West, 33.65 feet; thence along a tangent curve to the West, having a radius of 50.00 feet and a central angle of 27°48'18"; thence along said curve a distance of 24.26 feet; thence North 58°31'21" West, 23.08 feet; thence along a tangent curve to the Northwest, having a radius of 50.00 feet and a central angle of 33°38'35"; thence along said curve a distance of 29.36 feet; thence North 24°52'46" West, 31.35 feet; thence North 21°42'22" West, 21.72 feet; thence along a tangent curve to the North, having a radius of 50.00 feet and a central angle of 38°24'51"; thence along said curve a distance of 33.52 feet; thence North 16°42'29" East, 11.48 feet; thence along a tangent curve to the North, having a radius of 50.00 feet and a central angle of 43°47'39"; thence along said curve a distance of 38.22 feet; thence North 60°30'08" East, 40.98 feet; thence along a tangent curve to the Northeast, having a radius of 50.00 feet and a central angle of 23°29'34"; thence along said curve a distance of 20.50 feet; thence North 83°59'42" East, 156.78 feet to the existing non-exclusive road and public utility easement as shown on that certain plat filed in Book 10 of Parcel Maps at Page 39, El Dorado County Records; thence along said easement to the public right of way.

Also together with easement, six feet in width, from the above described lease area to the nearest or most convenient utility service connection location.

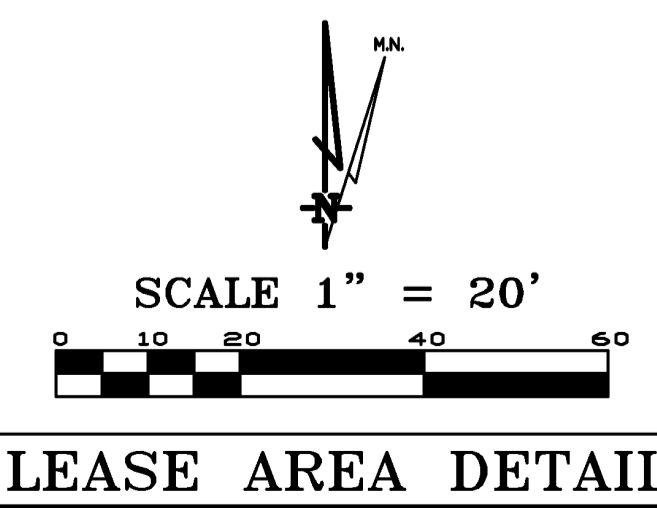
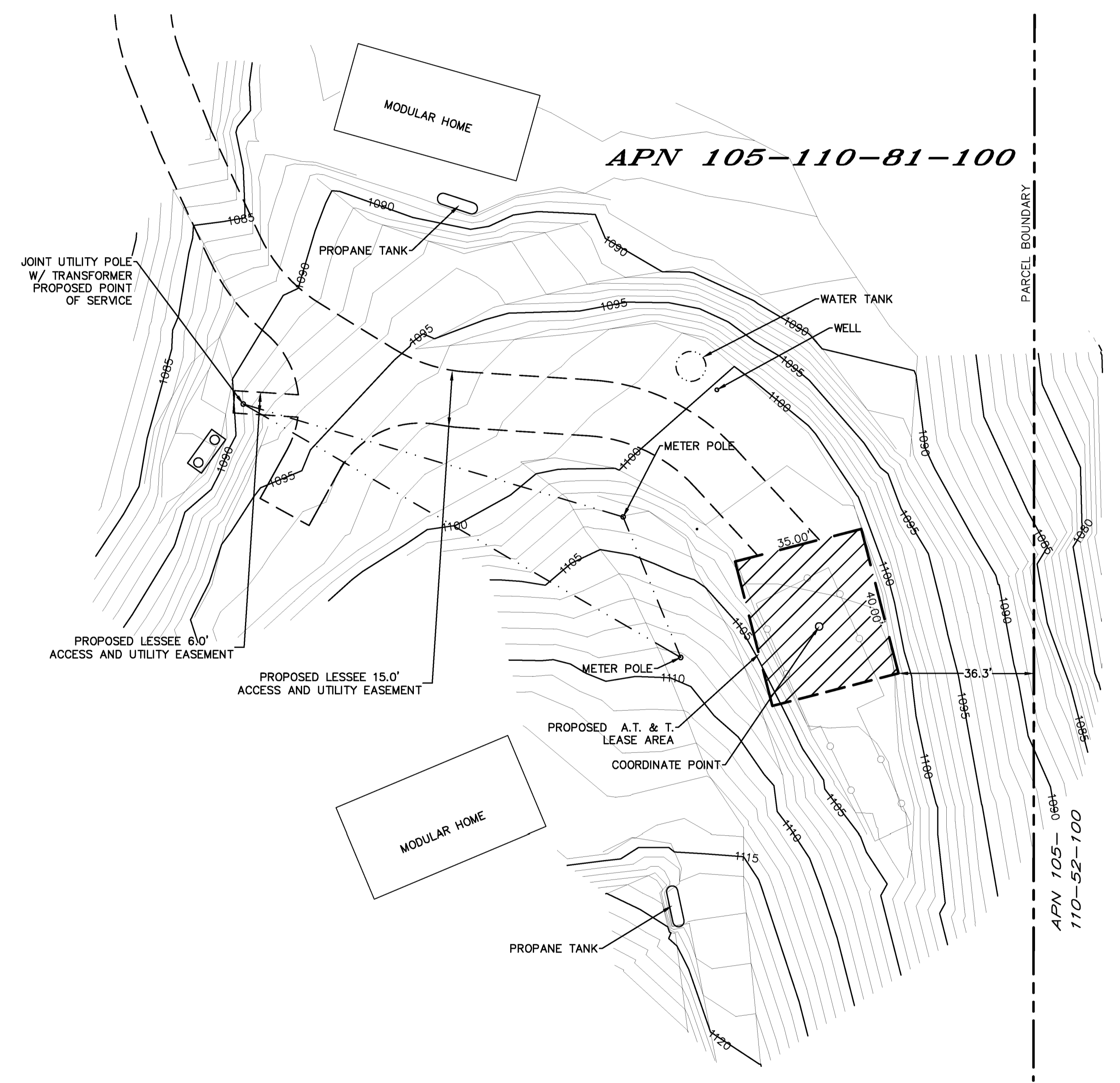


CVL03054 Gold Hill
 6812 Gods Way
 Lotus, CA 95651

at&t
 MOBILITY

PLOT PLAN AND
 SITE TOPOGRAPHY

REVISIONS	DATE	BY	REV
05-10-17	05-10-17	dg	1
08-08-17	08-08-17	dg	2



LEASE AREA DETAIL



OVERALL PROJECT AREA

Sheet
C-1

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 HOURS.
- ALL WORK SHALL BE ACCOMPLISHED TO THE SATISFACTION OF THE WASHOE COUNTY AUTHORIZED REPRESENTATIVE.

DEFINITIONS:

(ESC) - EROSION AND SEDIMENT CONTROL
 (NPDES) - NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
 (CWA) - 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 PROPOSED.

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:

- PROTECTION OF UTILITIES. THE APPLICANT SHALL BE RESPONSIBLE FOR THE PREVENTION OF DAMAGE TO ANY PUBLIC UTILITIES OR SERVICES.
- PROTECTION OF ADJACENT PROPERTY. THE APPLICANT SHALL BE RESPONSIBLE
- 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.
- ADVANCE NOTICE. THE APPLICANT SHALL NOTIFY THE COUNTY AT LEAST FORTY-EIGHT HOURS PRIOR TO THE START OF WORK.
- 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 PROPERTY.
- 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.

EROSION CONTROL NOTES

- 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 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.
- 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.
- 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.
- 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.
- 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.
- THE FOLLOWING AREAS ARE TO RECEIVE HYDROSEEDING OR OTHER EROSION CONTROL: ALL SLOPES GREATER THAN 10:1.
- 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.
- 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.

BMP INSTALLATION SCHEDULE

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 CONSTRUCTION IS COMPLETED	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 SPILL CLEANUP INCLUDING 1) PAINT & PAINTING SUPPLIES 2) VEHICLE FUELING MAINTENANCE & CLEANING	DESIGNATED AREA AND CONTAINERS MATERIAL HANDLING AREA DESIGNATED AREA WITH SECONDARY CONTAINMENT	CONTINUOUS UNTIL CONSTRUCTION IS COMPLETED IMMEDIATELY AT TIME OF SPILL CONTINUOUS	INSPECT SITE ON AT LEAST A WEEKLY BASIS TO ASSURE WASTE IS STORED PROPERLY AND DISPOSED OF AT LEGAL DISPOSAL SITE, DAILY. INSPECT MATERIAL HANDLING AREAS ON AT LEAST A MONTHLY BASIS TO VERIFY PROPER SPILL CLEANUP. KEEP AMPLS 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.

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

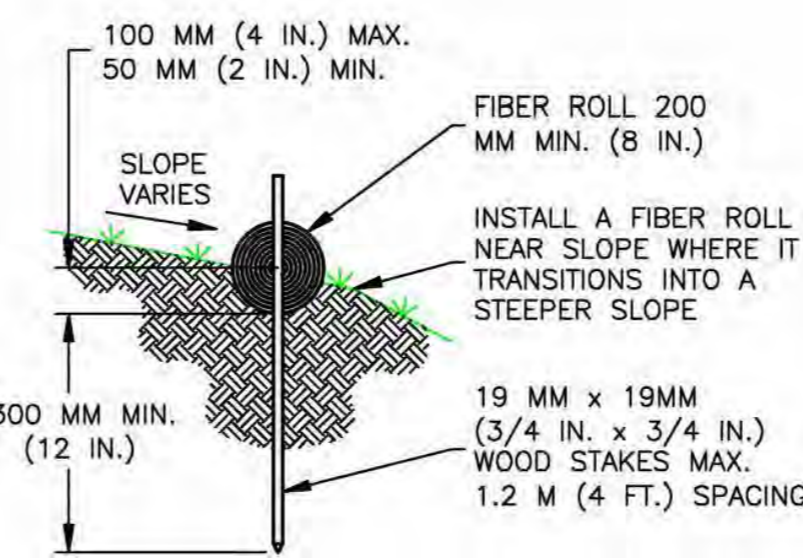
REQUIRED BMPs

THE FOLLOWING BMPs SHALL BE REQUIRED ON ALL PROJECTS:

- ACCESS POINTS TO THE CONSTRUCTION SITE SHALL HAVE A STABILIZED CONSTRUCTION ACCESS.
- THE PRESERVATION OF EXISTING VEGETATION SHALL BE DONE IN ACCORDANCE WITH PRESERVATION OF EXISTING VEGETATION, AND SILT FENCE.
- PERIMETER PROTECTION ALONG PROPERTY LINES SHALL HAVE PRESERVATION OF EXISTING VEGETATION, OR SILT FENCE.
- 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.
- THE TOE OF ALL SLOPES SHALL HAVE SILT FENCE AND/OR FIBER ROLL.
- 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.
- ROADWAY SUBGRADES SHALL HAVE FIBER ROLL, SILT FENCE, OR SEDIMENT TRAP.
- 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.
- PROJECTS THAT INCLUDE DETENTION BASINS SHALL HAVE A SEDIMENT BASIN.
- PLANCE DRAINAGE INLET SEDIMENT BMPs AT ALL STORM DRAIN INLETS. BMPs SHALL INCLUDE INLET SEDIMENT CONTROL BARRIER, INLET FILTER BAG AND CONCRETE STAMPS OR EXPLOXIED PLAQUARDS.
- EACH CONSTRUCTION SITE SHALL PROVIDE DESIGNATED, PAINT AND WASTE DISPOSAL LOCATIONS AS NECESSARY.
- 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.



ER-1 PORTABLE CONCRETE WASHOUT CONTAINER
NO SCALE



TYPICAL FIBER ROLL INSTALLATION

ER-2 FIBER ROLLS
NO SCALE

INSPECTION & MAINTENANCE OF FIBER ROLLS:

- REPAIR OR REPLACE SPLIT, TORN, UNRAVELING OR SLUMPING FIBER ROLLS.
- INSPECT FIBER ROLLS WHEN RAIN IS FORECAST, FOLLOWING RAIN EVENTS, AT LEAST DAILY DURING PROLONGED RAINFALL, AND AT TWO-WEEK INTERVALS DURING THE NON-RAINY SEASON.
- 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.

NOTES:

- FIBER BARRIER SHALL BE CONSTRUCTED LONG ENOUGH TO EXTEND ACROSS THE EXPECTED FLOW PATH AND AS APPROVED BY THE LANDSCAPE INSPECTOR.
- FIBER ROLL (8" TO 12" DIAMETER) SHALL BE PLACED INTO THE KEY TRENCH AND STAKES ON BOTH SIDES OF THE ROLL WITHIN 6 FEET OF EACH END AND THEN EVERY 3' TO 4' WITH 1" X 2" X 23' STAKES. STAKES ARE TYPICALLY DRIVEN IN ON ALTERNATING SIDES OF THE ROLL. ADJACENT ROLLS, SHALL TIGHTLY ABUT.
- CLEAR SUBGRADE SO THAT REMOVAL OF ALL LOCAL DEVIATIONS AND TO REMOVE LARGE STONES OR DEBRIS THAT WILL INHIBIT INTIMATE CONTACT OF THE FIBER ROLL WITH THE SUBGRADE.
- PRIOR TO ROLL INSTALLATION, CONTOUR A CONCAVE TRENCH (2 TO 4 INCHES) DEEP ALONG THE PROPOSED INSTALLATION ROUTE. FIBER ROLL SHALL BE INSTALLED ALONG THE SIDE OF WALKS AND AROUND THE CATCH BASIN. THE BOTTOM EDGE OF THE FIBER ROLL SHALL EXTEND TO AND ACROSS THE BOTTOM OF THE TRENCH. THE TRENCH SHALL BE BACKFILLED TO 4 INCHES ABOVE GROUND AND COMPACTED TO BURY AND SECURE THE BOTTOM OF THE FIBER ROLL.
- CONTRACTOR SHALL MAKE INSPECTIONS WEEKLY DURING THE WET SEASON, MONTHLY DURING THE DRY SEASON AND IMMEDIATELY AFTER EACH RAINFALL TO DETERMINE IF REPAIRS AND SEDIMENT REMOVAL IS REQUIRED. SEDIMENT SHALL BE REMOVED BEFORE IT HAS REACHED ONE THIRD THE HEIGHT OF THE FIBER BARRIC.

REVEGETATION STANDARDS

- 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.
- 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 EXPEDITED 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.
- 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 PROPERTY SHALL BE COVERED.
- VISIBLELY DRY DISTURBED SOIL SURFACE AREAS:
 ALL VISIBLELY DRY DISTURBED SOIL SURFACE AREAS OF OPERATION SHALL BE WATERED TO MINIMIZE DUST EMISSIONS.
- 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.
- VISIBLELY DRY DISTURBED UNPAVED DRIVEWAYS:
 ALL VISIBLELY DRY DISTURBED UNPAVED DRIVEWAY SURFACE AREAS OF OPERATION SHALL BE WATERED TO MINIMIZE 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.
- EMPLOYEE VEHICLES:
 CONSTRUCTION WORKERS PARK IN DESIGNATED PARKING AREA(S) TO HELP REDUCE DUST EMISSIONS.
- SOIL PILES:
 SOIL PILE SURFACES SHALL BE MOISTENED IF DUST IS BEING EMITTED FROM THE PILE(S). ADEQUATELY SECURED TARPS, PLASTIC OR OTHER MATERIAL MAY BE REQUIRED TO FURTHER REDUCE DUST EMISSIONS.

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SAN RAMON, CA 94583

PROJECT INFORMATION:

GOLD HILL

6812 GODS WAY
LOTUS, CA 95051

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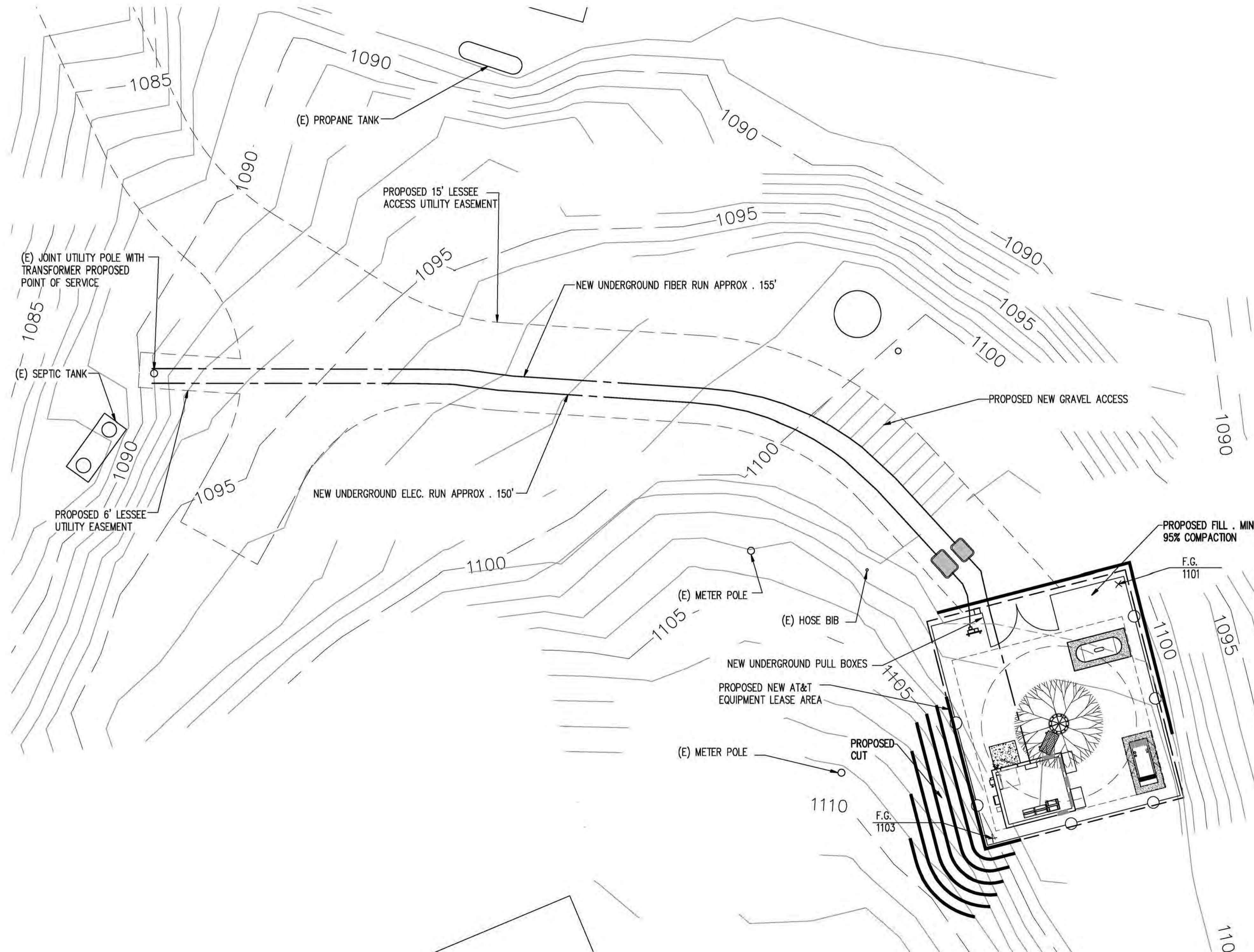
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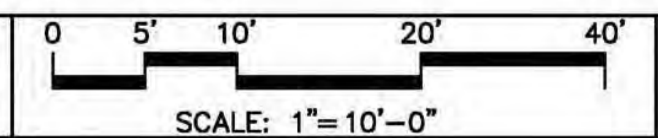
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EROSION CONTROL NOTES

SHEET NUMBER: C-2 REVISION: 0



PRELIMINARY GRADING PLAN



2

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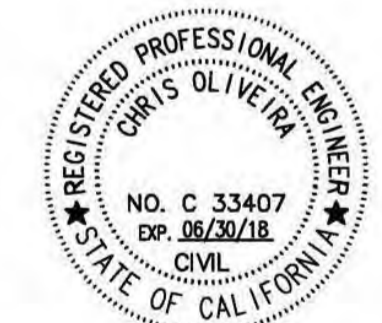
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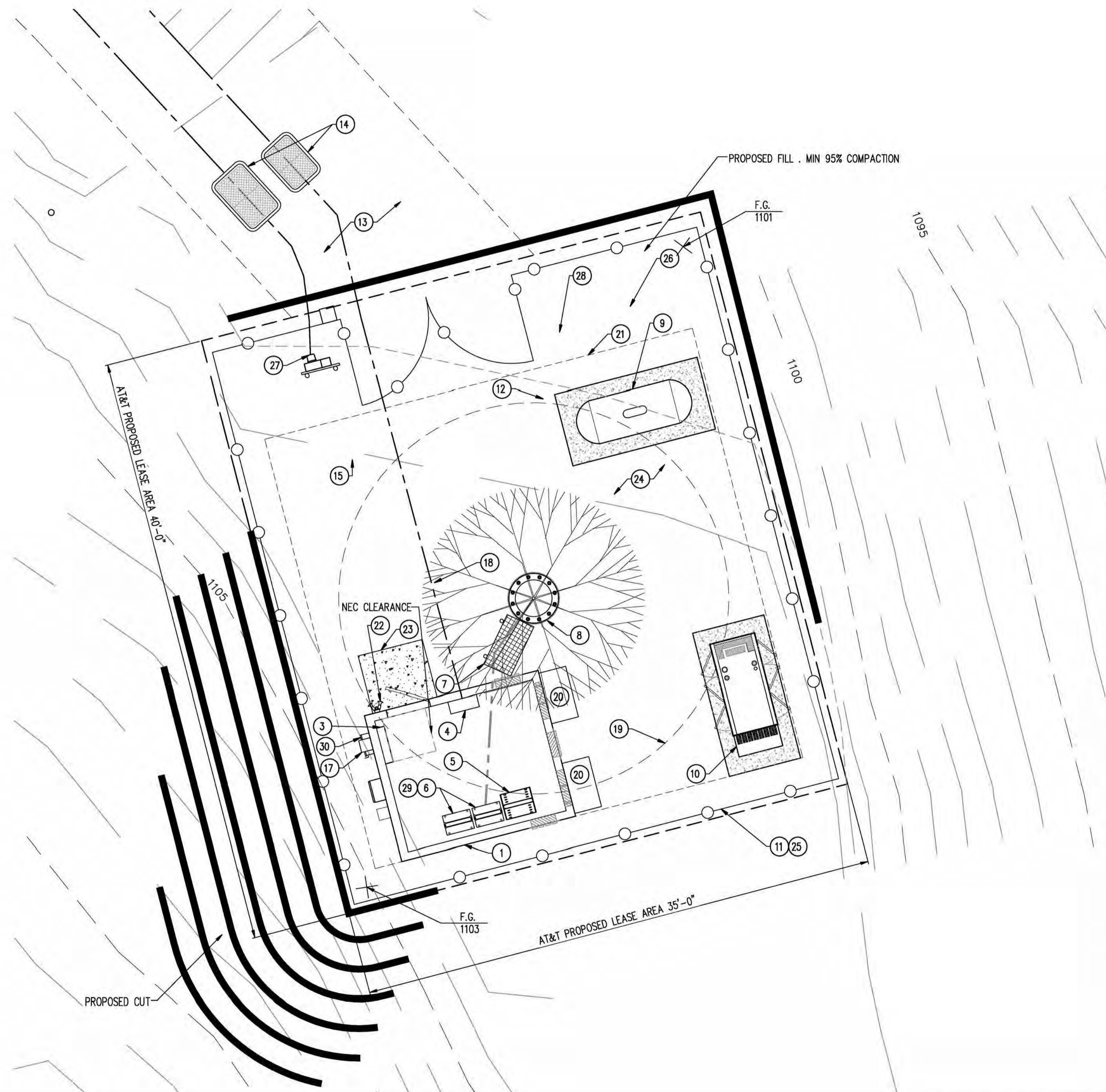


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SHEET TITLE: GRADING PLAN

SHEET NUMBER: C-4 REVISION: 0

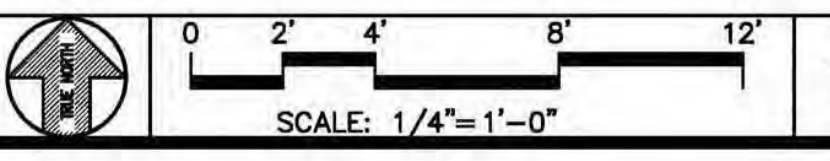
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KEY NOTES

1. NEW 10' x 12' LIGHTWEIGHT PRE-FAB EQUIPMENT SHELTER
2. (1) NEW GPS ANTENNA
3. NEW ELEC. PANEL,
4. TELCO BOX,
5. NEW D/C POWER PLANT
6. NEW 23" FIF RACK, TYP. OF (2)
7. NEW HEAVY ICE BRIDGE
8. NEW MONOPINE
9. NEW 500 GAL LP PROPANE TANK ON NEW 5' x 10' CONC. SLAB
10. NEW 35KW BACK-UP GENERATOR ON NEW CONC. SLAB
11. NEW 6'-0" CHAIN LINK FENCE W/ VINYL SLATS
12. NEW 12' WIDE DOUBLE ACCESS GATE
13. NEW A/C GRAVEL ROAD
14. NEW U/G POWER AND TELCO CONDUITS
15. NEW METER
16. N/A
17. NEW UTILITY RACK
18. NEW 2A:20BC RATED FIRE EXTINGUISHER IN WEATHER RESISTANT CABINET
19. 24" MAX BRANCH DIAMETER AT BASE OF POLE
20. NEW HVAC
21. OUTLINE OF NEW TOWER MAT FOUNDATION
22. NEW OUTDOOR LIGHTS PROVIDED WITH SHELTER, W/ TIMER AND MOTION SENSOR
23. NEW CONC. STOOP
24. NEW MIN. 2" OF 3/4" CLEAN CRUSHED ROCK OVER WEED BARRIER FABRIC COVERING ENTIRE LEASE AREA
25. NEW SOUND BLANKET BBC-13X, 1.2 LBS. PSF MIN. OR EQUAL SOUND BLANKET AT INTERIOR SIDE OF FENCE
26. NEW AT&T 35'X35' LEASE AREA
27. NEW FIRE DEPT. KNOX BOX
28. NEW CARRIER CONTACT SIGNAGE AT GATE
29. NEW CIENA WITHIN FIF RACK
30. NEW 200 DISCONNECT

EQUIPMENT PLAN



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EQUIPMENT PLAN

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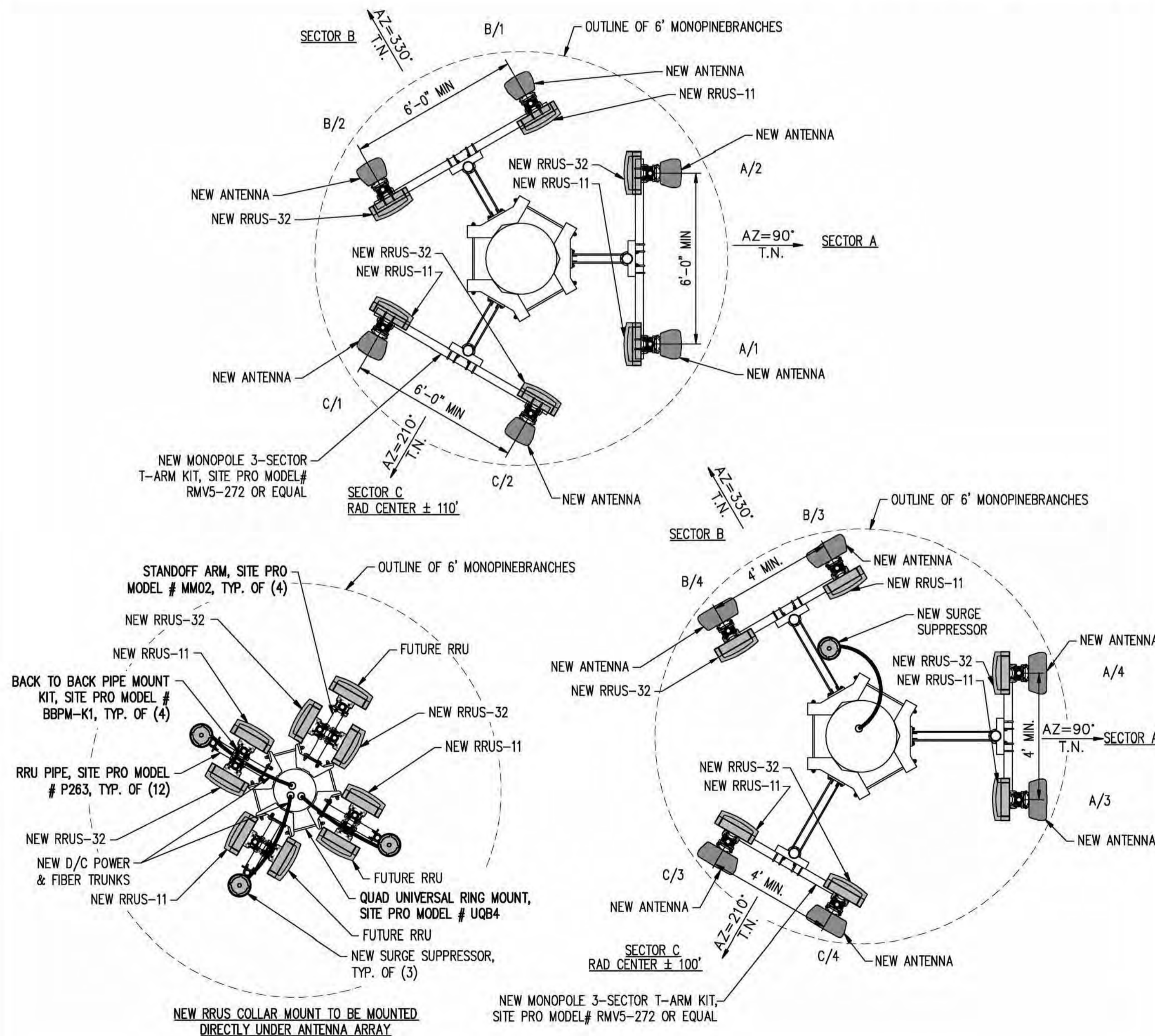
A-2 0

RF SCHEDULE

SECTOR/POS.	ANTENNA MODEL	RAD CENTER	PHYSICAL AZIMUTH	RRU	TMA	FIBER LENGTH	COAX LENGTH	COAX DIA.	NO.
A/1	QS6656-3	± 110'	90°	(1) RRUS-11 & (1) RRUS-32 B2	N/A	± 150'	± N/A	N/A	-
A/2	QS6656-3	± 110'	90°	(1) RRUS-11	N/A	± 150'	± N/A	N/A	-
A/3	HBSAM65R-KU-H6	± 100'	90°	(1) RRUS-11 & (1) RRUS-32 B66	N/A	± 150'	± N/A	N/A	-
A/4	HBSAM65R-KU-H6	± 100'	90°	(1) RRUS-32 B30	N/A	± 150'	± N/A	N/A	-
B/1	QS6656-3	± 110'	330°	(1) RRUS-11 & (1) RRUS-32 B2	N/A	± 150'	± N/A	N/A	-
B/2	QS6656-3	± 110'	330°	(1) RRUS-11	N/A	± 150'	± N/A	N/A	-
B/3	HBSAM65R-KU-H6	± 100'	330°	(1) RRUS-11 & (1) RRUS-32 B66	N/A	± 150'	± N/A	N/A	-
B/4	HBSAM65R-KU-H6	± 100'	330°	(1) RRUS-32 B30	N/A	± 150'	± N/A	N/A	-
C/1	QS6656-3	± 110'	210°	(1) RRUS-11 & (1) RRUS-32 B2	N/A	± 150'	± N/A	N/A	-
C/2	QS6656-3	± 110'	210°	(1) RRUS-11	N/A	± 150'	± N/A	N/A	-
C/3	HBSAM65R-KU-H6	± 100'	210°	(1) RRUS-11 & (1) RRUS-32 B66	N/A	± 150'	± N/A	N/A	-
C/4	HBSAM65R-KU-H6	± 100'	210°	(1) RRUS-32 B30	N/A	± 150'	± N/A	N/A	-

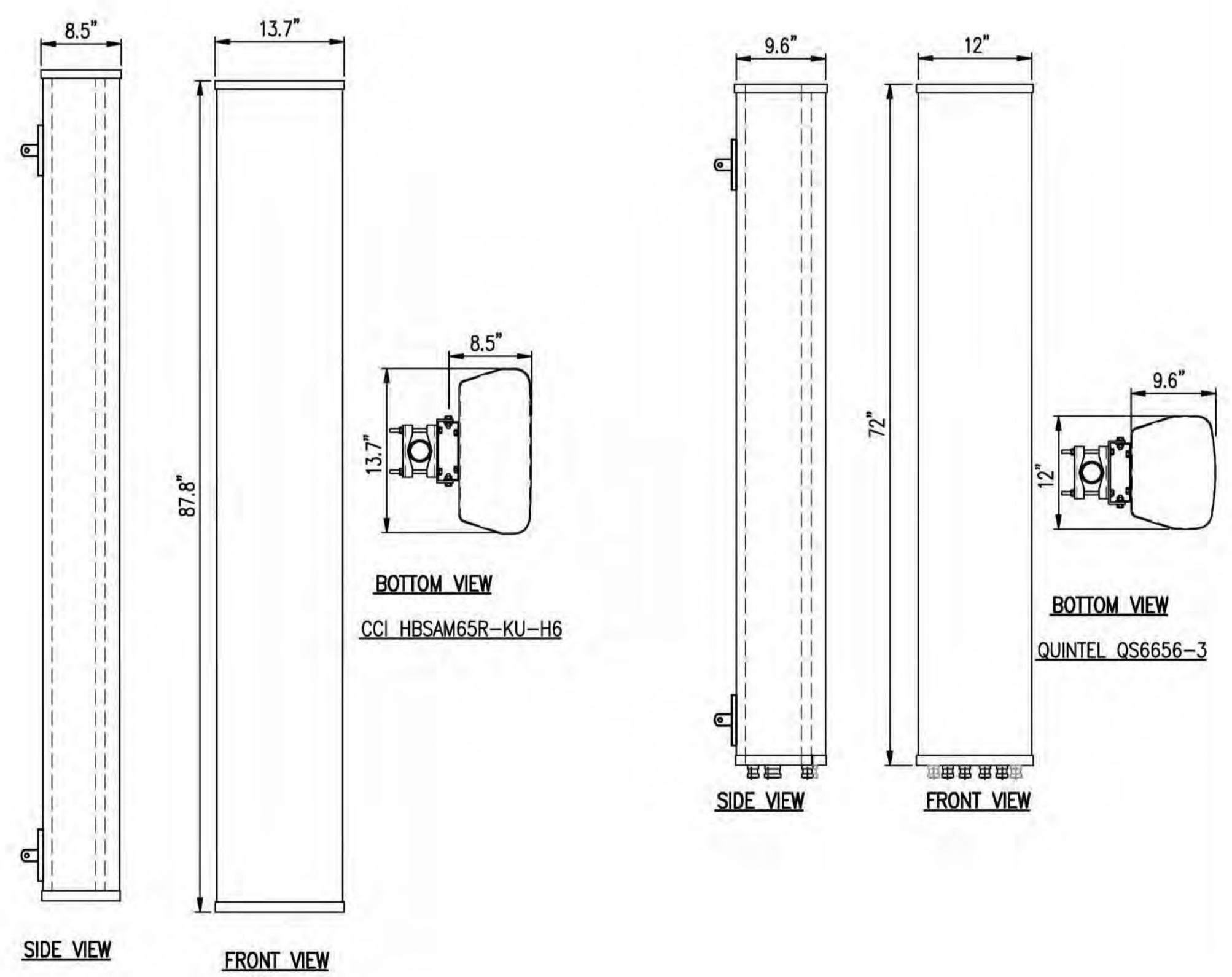
RF SCHEDULE

SCALE: N.T.S. 1



ANTENNA PLAN

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



ANTENNA DETAIL

SCALE: N.T.S. 5

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SHEET TITLE: **ANTENNA PLAN & DETAILS**

SHEET NUMBER: **A-3** REVISION: **0**

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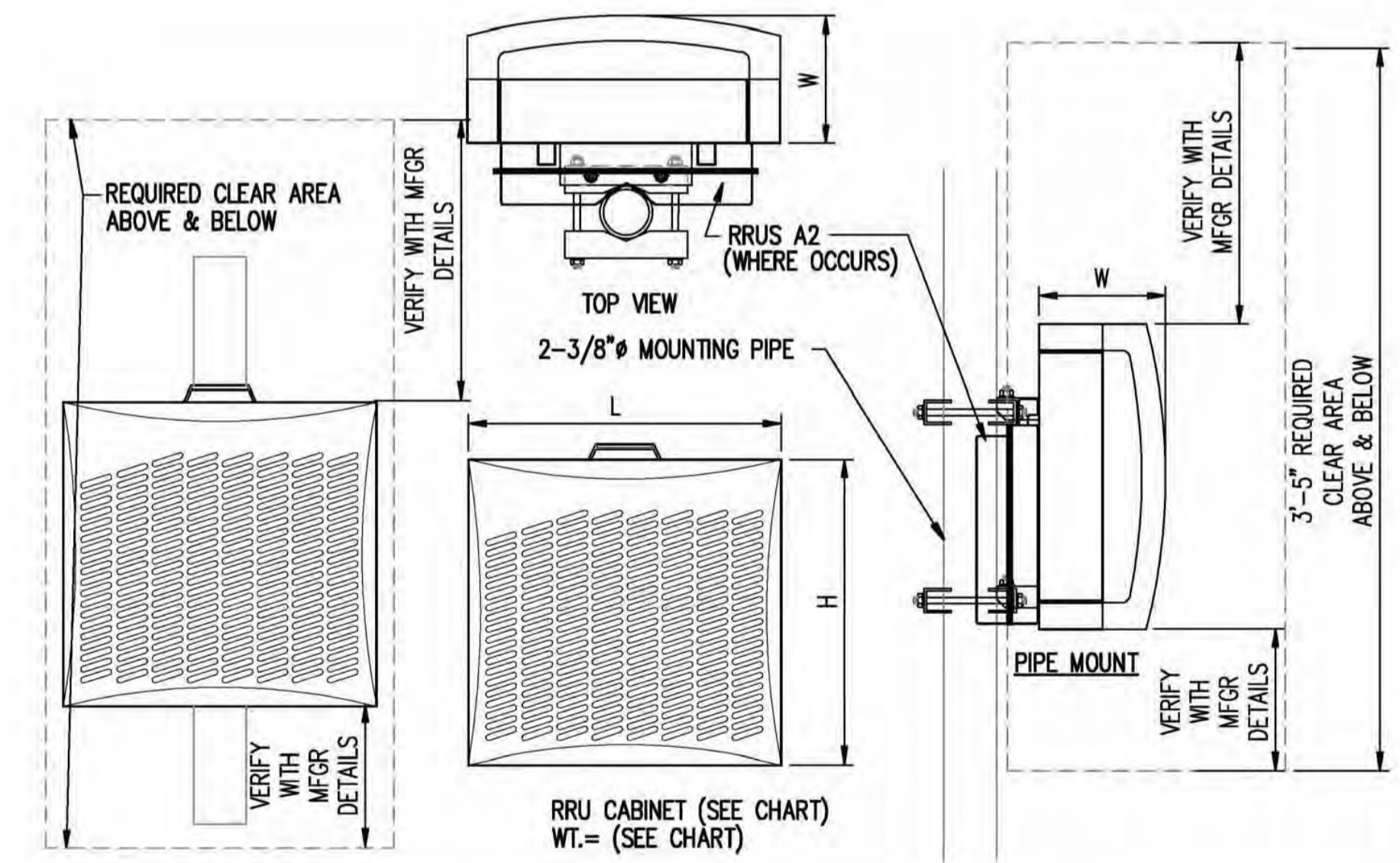
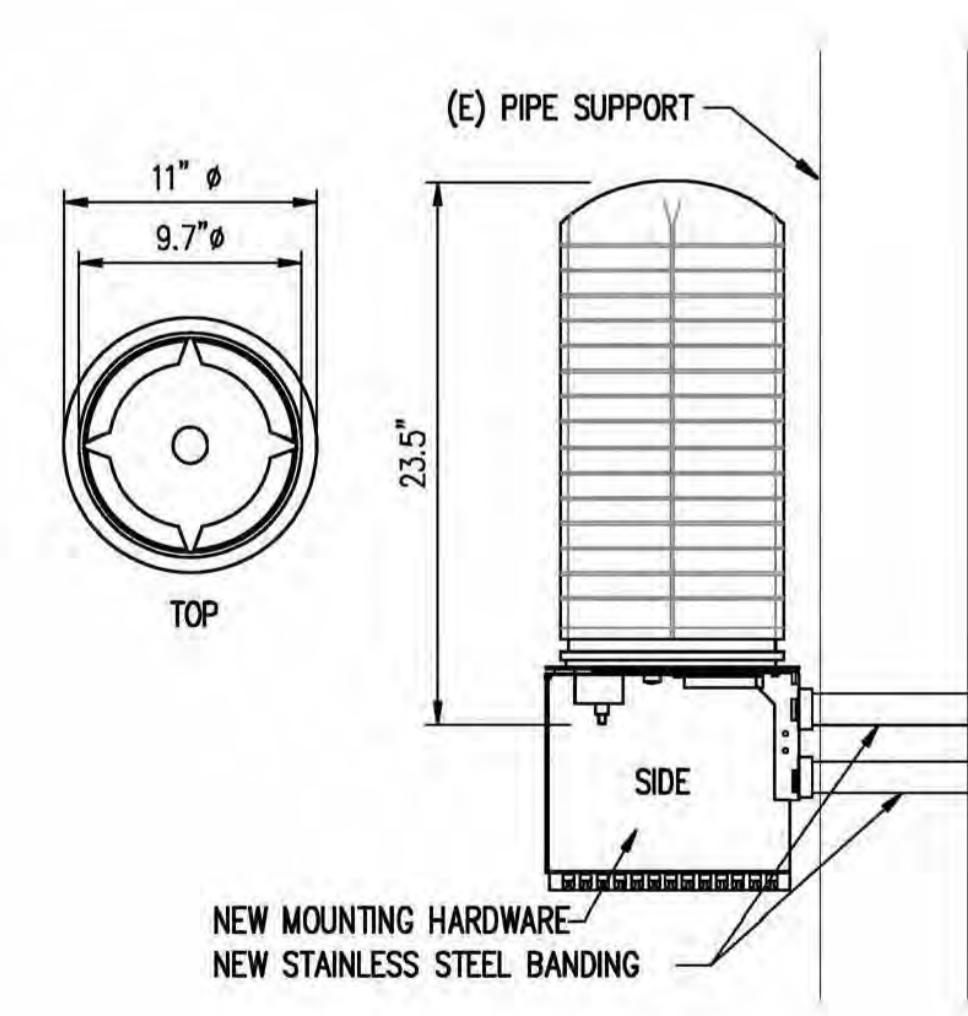
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SHEET TITLE:
DETAILS

SHEET NUMBER: **A-3.1**
 REVISION: **0**



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

NOTE: SEE RF SHEET FOR RRU PLACEMENT

SURGE SUPP. DETAIL

SCALE: N.T.S. 3

RRU DETAIL

SCALE: N.T.S. 4

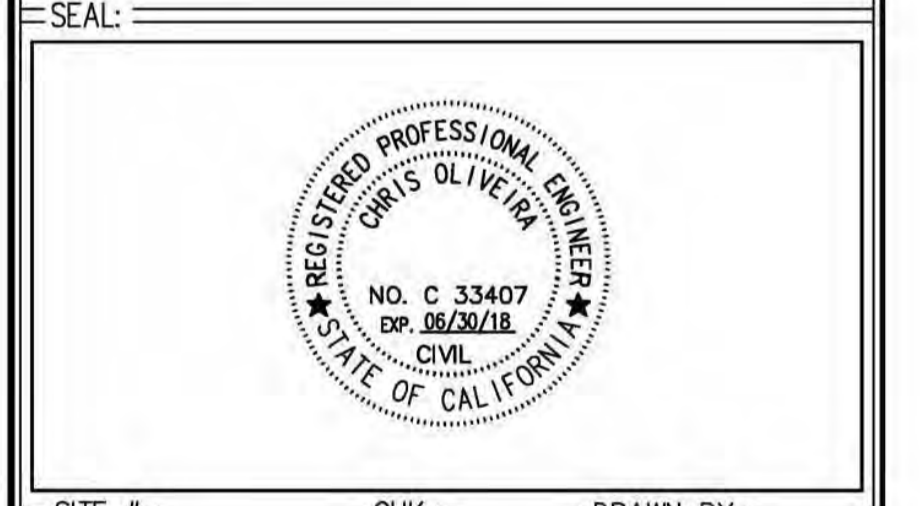
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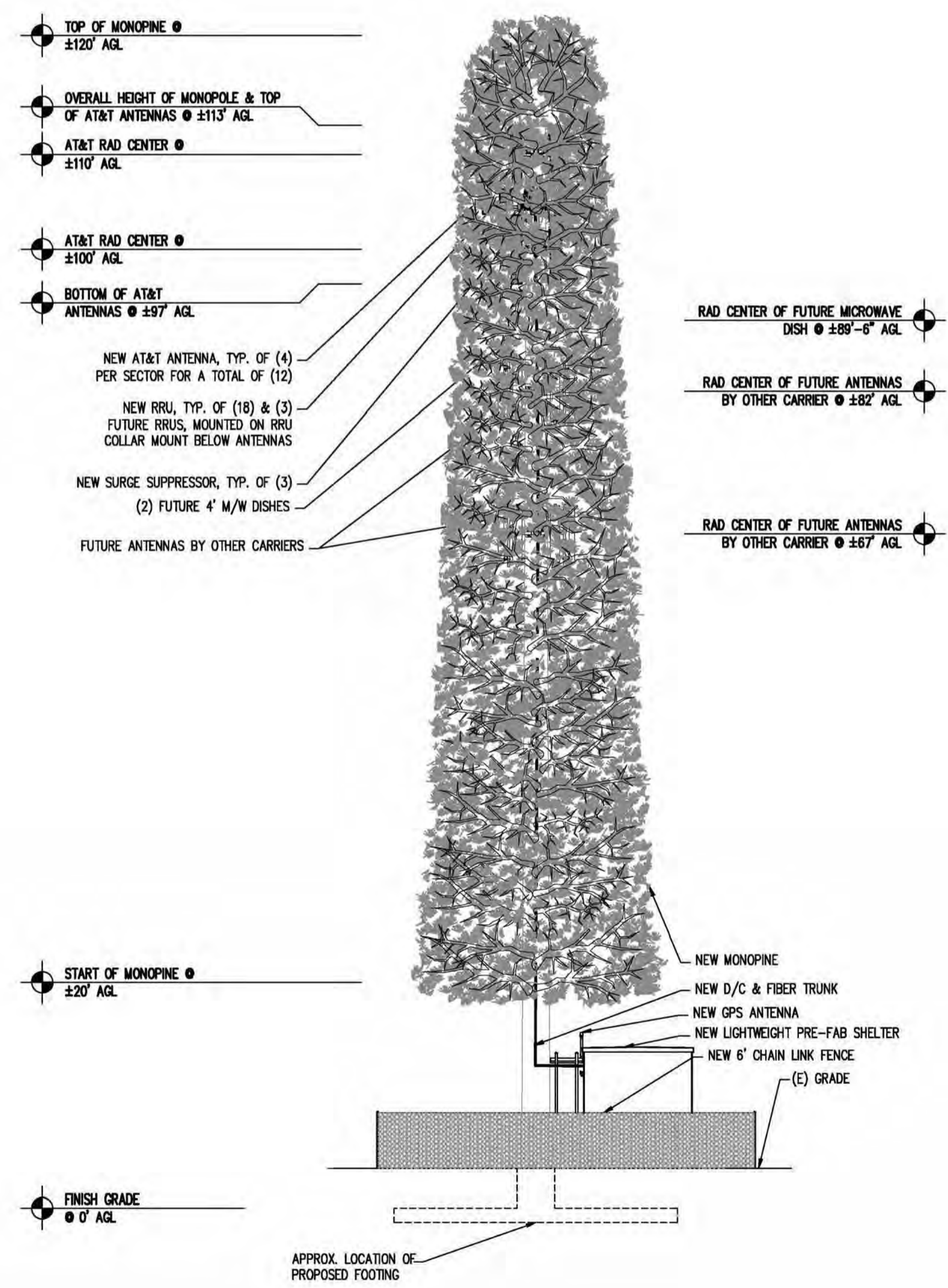


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ELEVATIONS

SHEET NUMBER: **A-4** REVISION: **0**

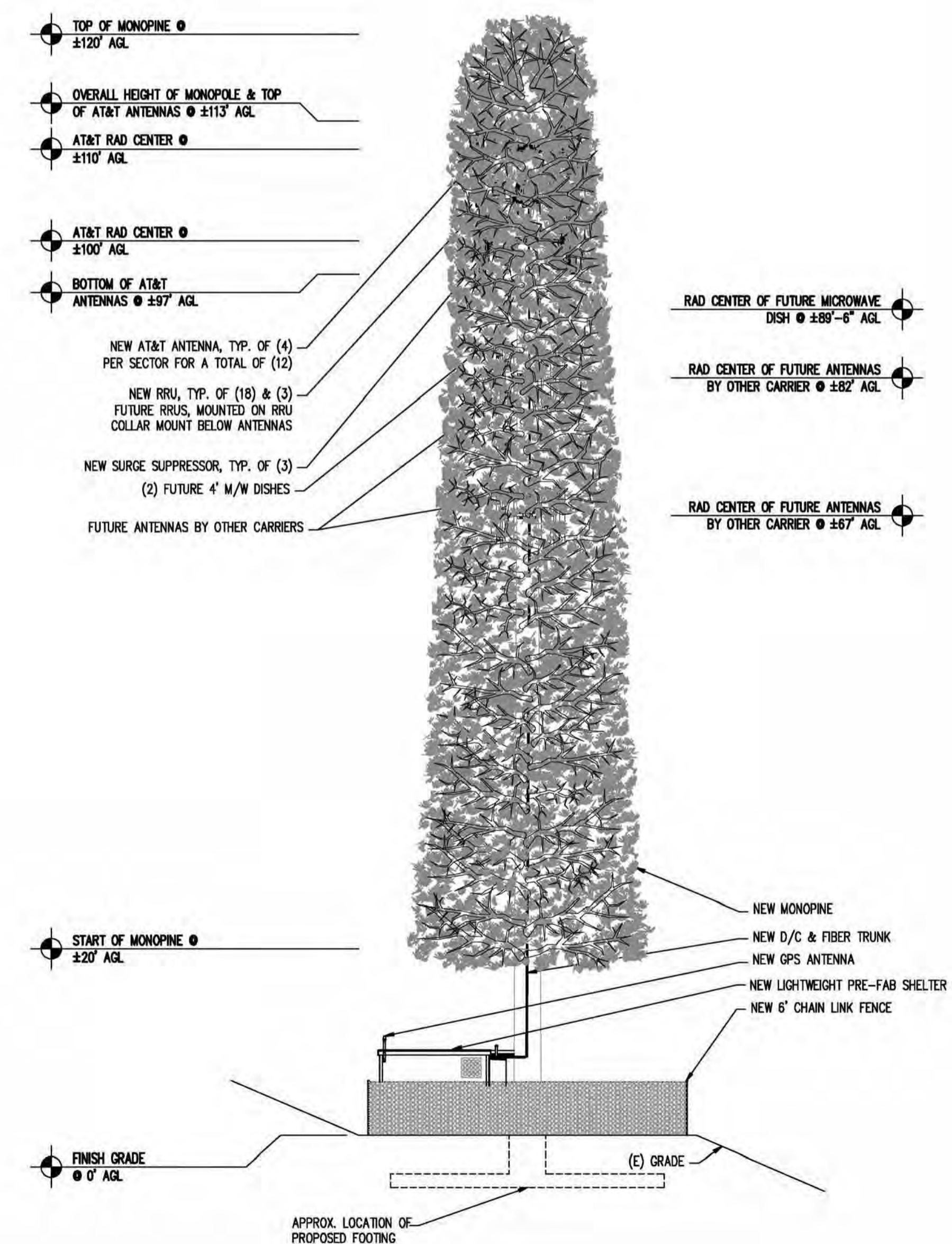
- NOTE:
1. MONOPINE SHOWN ARE FOR ILLUSTRATIVE PURPOSES ONLY AND ARE NOT TO SCALE.
 2. TRUNK TO BE PAINTED KELLEY MOOR LOG CABIN BROWN OR EQUAL.
 3. ANTENNAS TO BE CONCEALED WITH ANTENNAS SOCKS.
 4. RRSU TO BE PAINTED BROWN.



WEST ELEVATION

SCALE: 3/32"=1'-0"

2



SOUTH ELEVATION

SCALE: 3/32"=1'-0"

1

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



PROJECT INFORMATION:
GOLD HILL
 6812 GOOS WAY
 LOTUS, CA 95651

REV.	DATE	DESCRIPTION	BY
1	6-5-17	90% ZONING DOCUMENTS	AMP
1	8-3-17	95% ZONING DOCUMENTS	ALP
2	8-9-17	100% ZONING DOCUMENTS	ALP

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

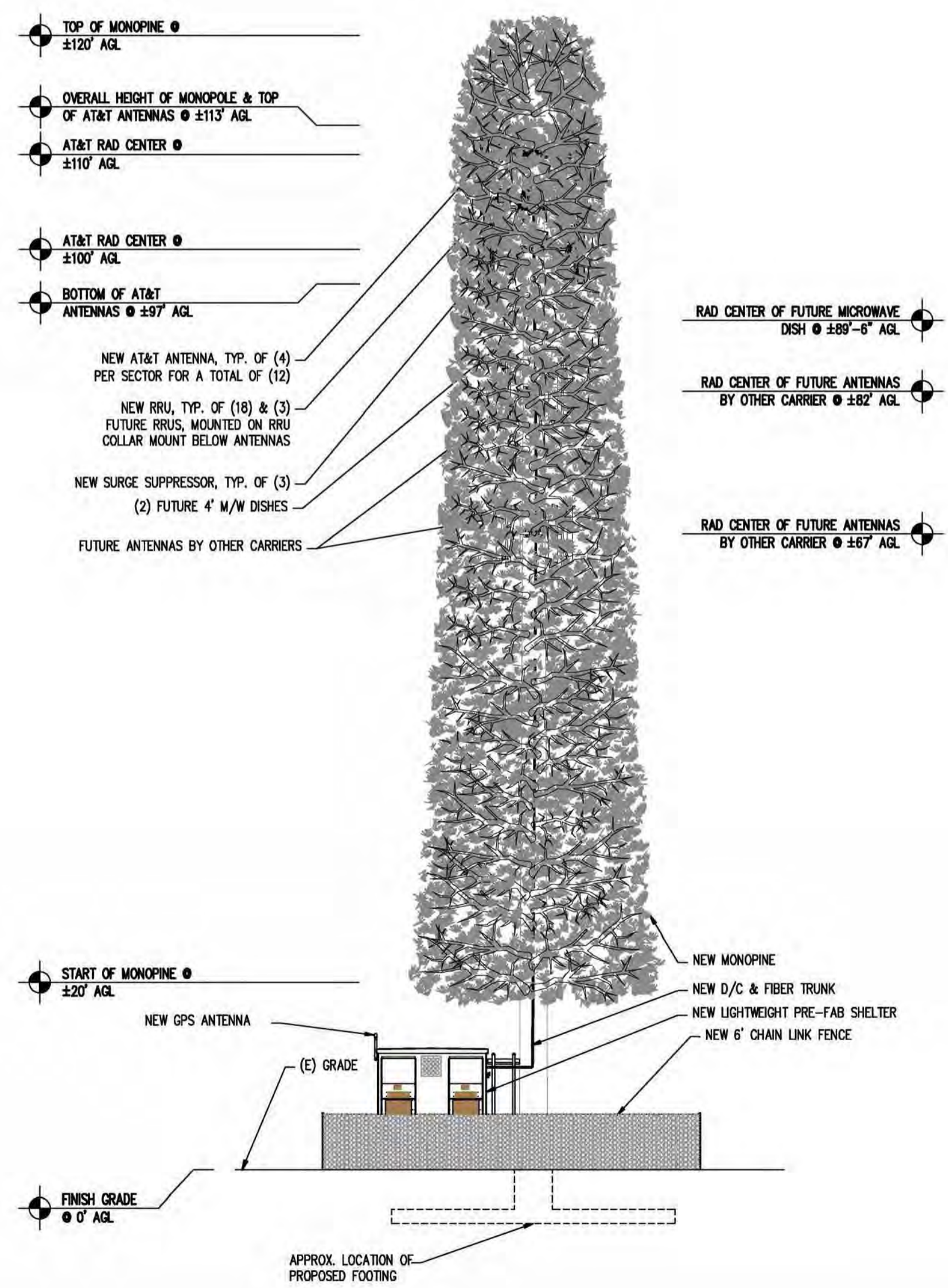


SITE #: CVL03054
 CHK.: ...
 DRAWN BY: AMP

ELEVATIONS

SHEET NUMBER: **A-4.1** REVISION: **0**

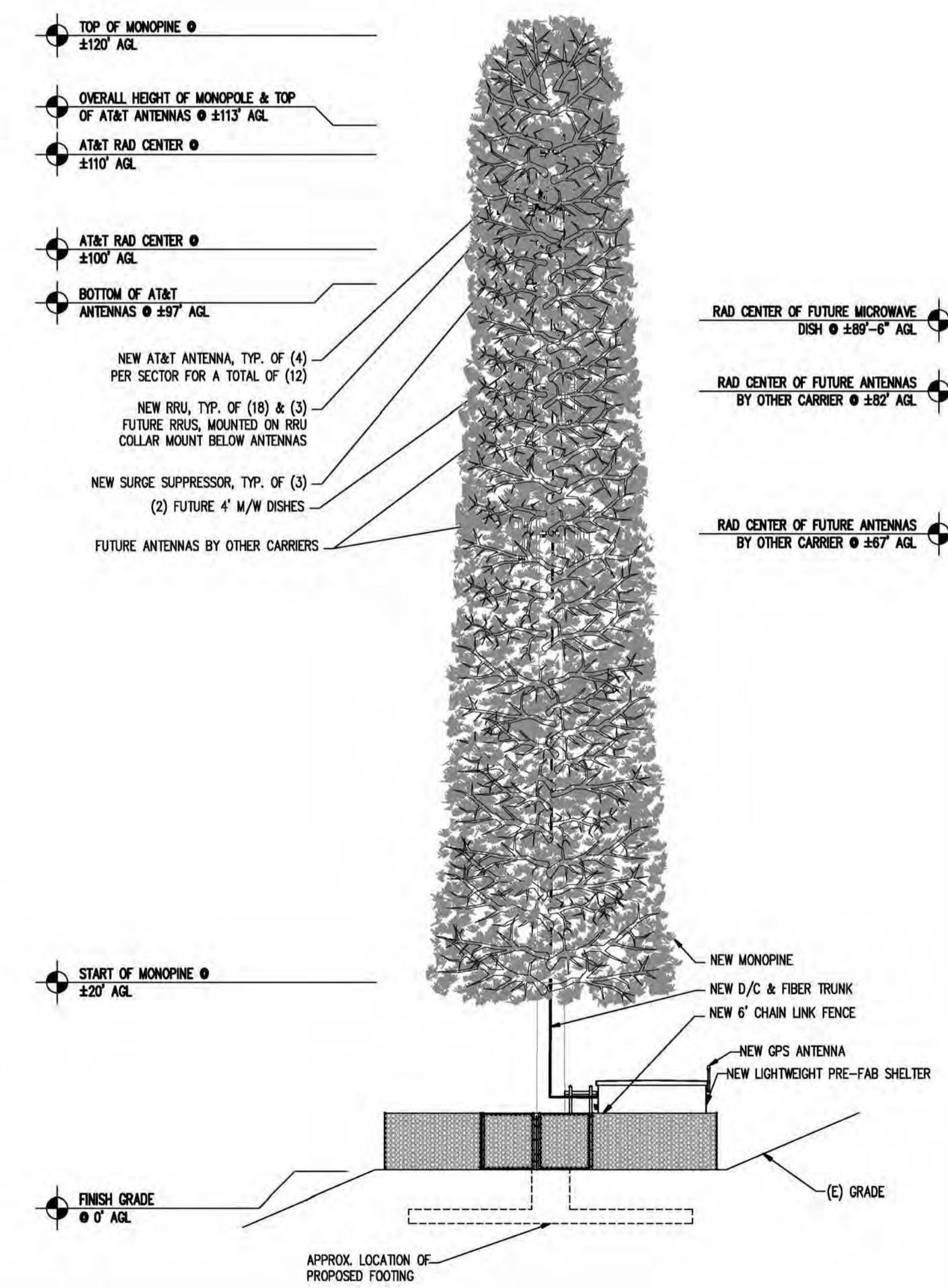
- NOTE:
1. MONOPINE SHOWN ARE FOR ILLUSTRATIVE PURPOSES ONLY AND ARE NOT TO SCALE.
 2. TRUNK TO BE PAINTED KELLEY MOOR LOG CABIN BROWN OR EQUAL.
 3. ANTENNAS TO BE CONCEALED WITH ANTENNAS SOCKS
 4. RRU'S TO BE PAINTED BROWN



EAST ELEVATION

SCALE: 3/32"=1'-0"

2



NORTH ELEVATION

SCALE: 3/32"=1'-0"

1



CVL03054 Gold Hill
6812 Gods Way, Lotus, CA
Photosims Produced on 6-23-2017

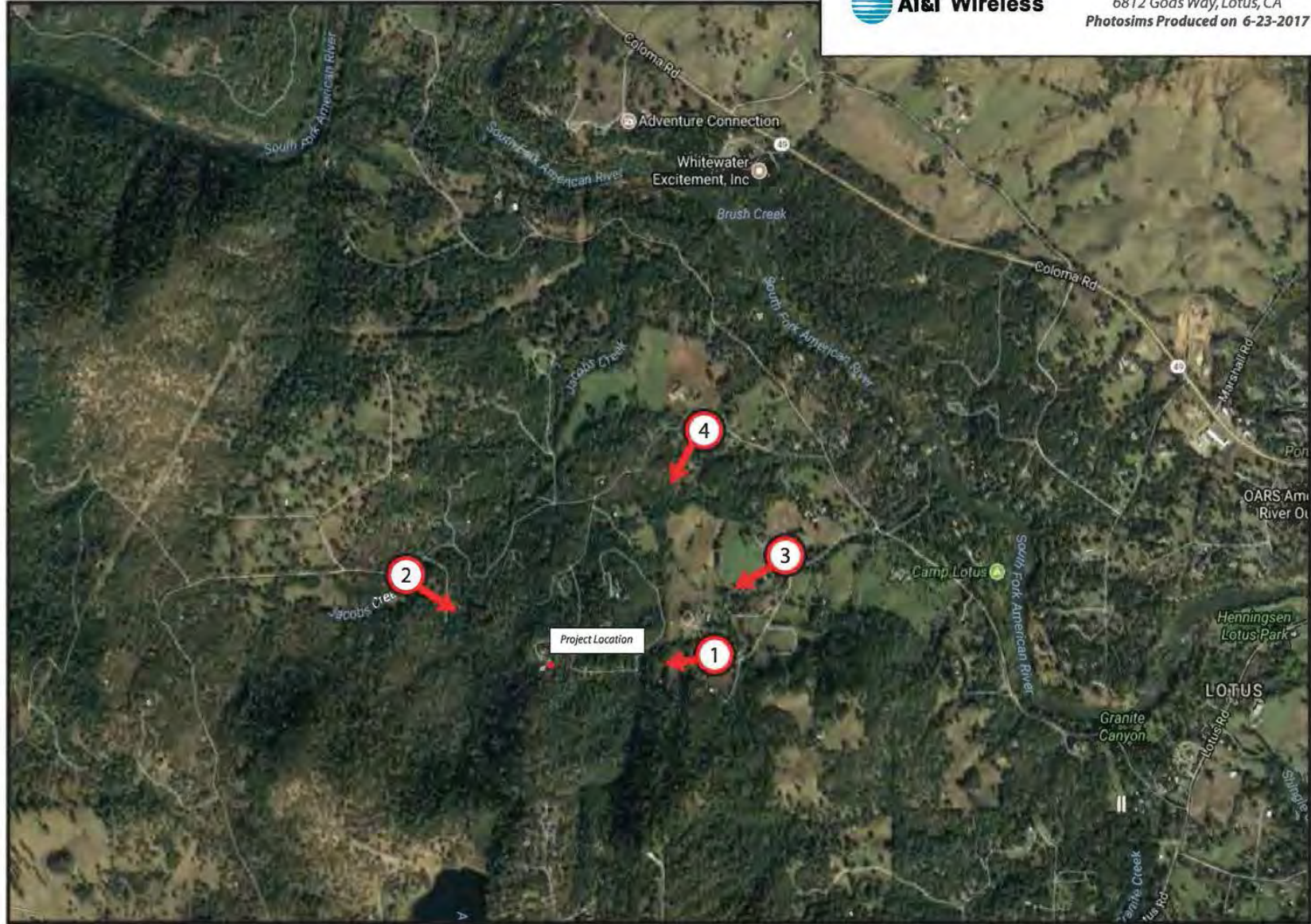


Exhibit G
Site 7 Gold Hill



Shot Point Map

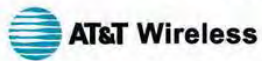
Existing



Proposed



view from El Campo Road looking west at site



CVL03054 Gold Hill
6812 Gods Way, Lotus, CA
Photosims Produced on 6-23-2017



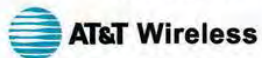
Existing



Proposed



view from Clark Mountain Road looking southeast at site



CVL03054 Gold Hill
6812 Gods Way, Lotus, CA
Photosims Produced on 6-23-2017



Existing



Proposed



Proposed AT&T
Installation

view from Bassi Road looking southwest at site



CVL03054 Gold Hill
6812 Gods Way, Lotus, CA
Photosims Produced on 6-23-2017



Existing

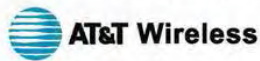


Proposed



Proposed AT&T
Installation

view from Clark Mountain Road looking southwest at site



CVL03054 Gold Hill
6812 Gods Way, Lotus, CA
Photosims Produced on 6-23-2017

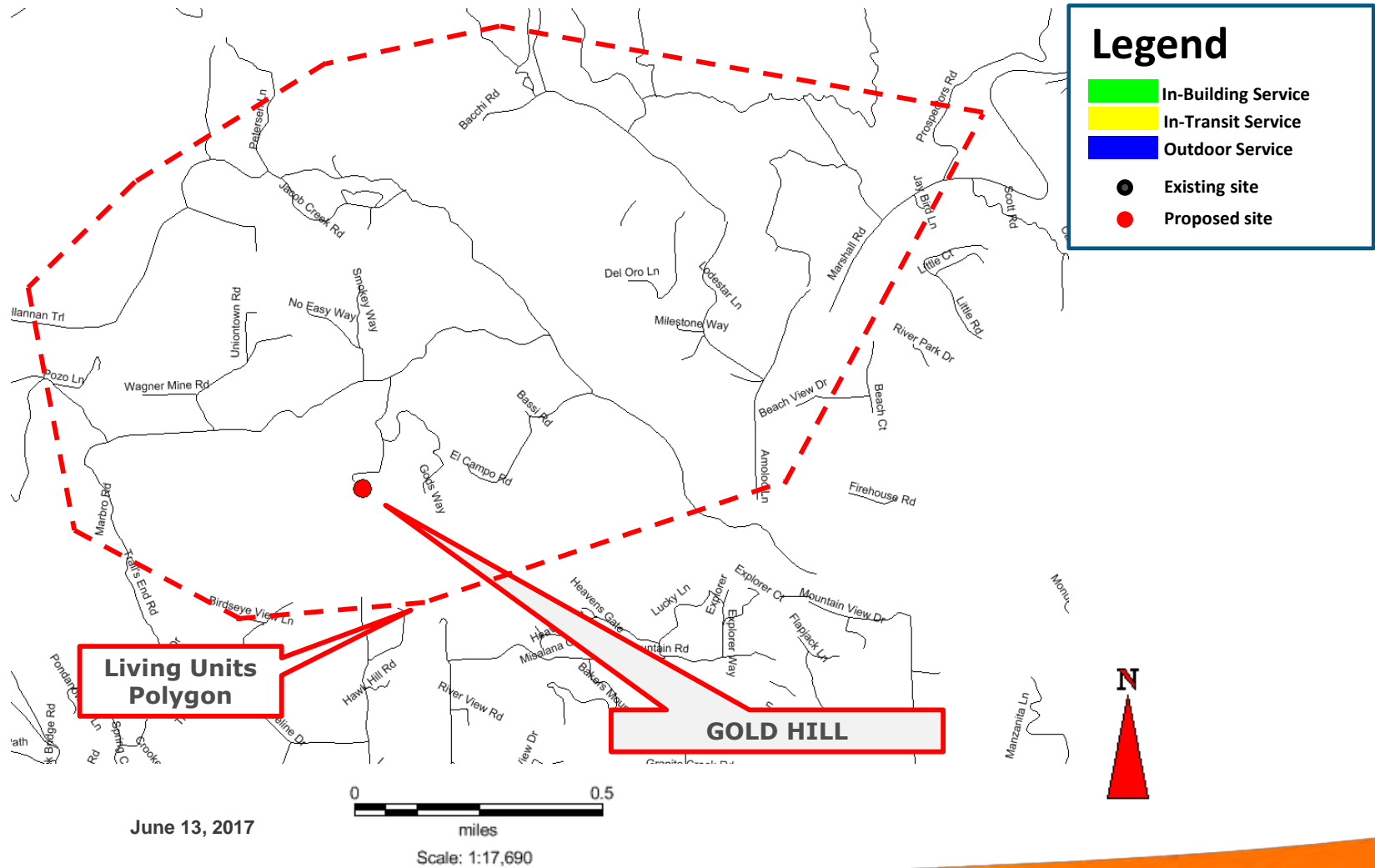


CVL03054 Zoning Propagation Map

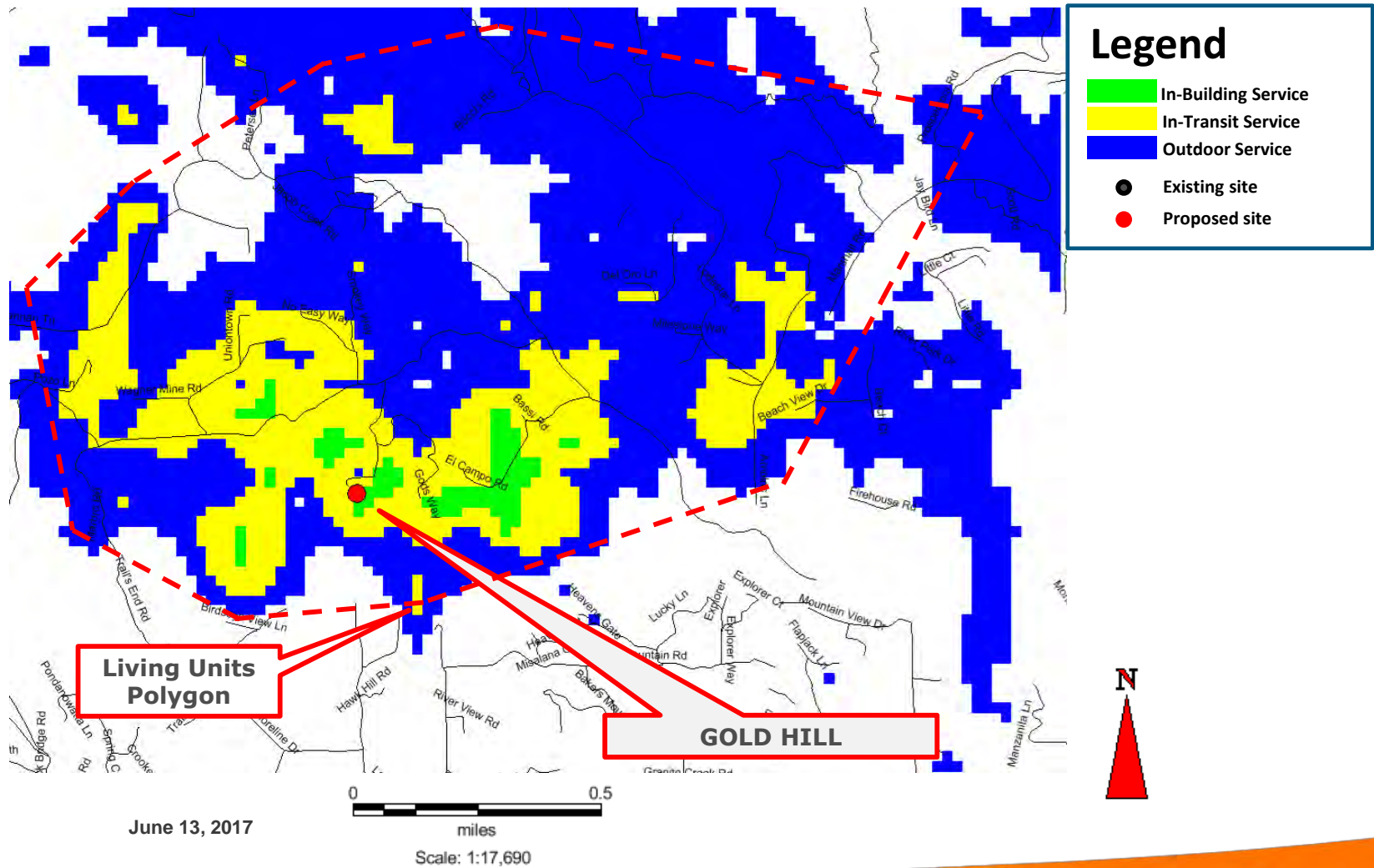
June 13, 2017

Exhibit H
Site 7 Gold Hill

Existing LTE 700 Coverage (RC = 108')



Proposed LTE 700 Coverage (RC = 108')





Radio Frequency Emissions Compliance Report For AT&T Mobility

Site Name: Gold Hill	Site Structure Type: Monopine
Address: 6812 Gods Way	Latitude: 38.802398
Lotus, CA	Longitude: -120.937291
Report Date: August 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 Gold Hill site located at 6812 Gods Way, Lotus, 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. Based on the criteria for these classifications, the FCC General Population limit is considered to be a level that is safe for continuous exposure time. The FCC General Population limit is 5 times more restrictive than the Occupational limits.

Frequency (MHz)	Limits for General Population/ Uncontrolled Exposure		Limits for Occupational/ Controlled Exposure	
	Power Density (mW/cm ²)	Averaging Time (minutes)	Power Density (mW/cm ²)	Averaging Time (minutes)
30-300	0.2	30	1	6
300-1500	f/1500	30	f/300	6
1500-100,000	1.0	30	5.0	6

f=Frequency (MHz)

In situations where the predicted MPE exceeds the General Population threshold in an accessible area as a result of emissions from multiple transmitters, FCC licensees that contribute greater than 5% of the aggregate MPE share responsibility for mitigation.

Exhibit I Site 7 Gold Hill

Based on the computational guidelines set forth in FCC OET Bulletin 65, Waterford Consultants, LLC has developed software to predict the overall Maximum Permissible Exposure possible at any particular location given the spatial orientation and operating parameters of multiple RF sources. These theoretical results represent worst-case predictions as emitters are assumed to be operating at 100% duty cycle.

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

Analysis

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

- Install twelve (12) new panel antennas
- Install nine (9) new RRUS-11 Remote Radio Head units
- Install nine (9) new RRUS-32 Remote Radio Head units

The antennas will be mounted on a 113-foot monopole with centerlines at 100 and 110 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 26,557 Watts. Other appurtenances such as GPS antennas, RRUs and hybrid cable are not sources of RF emissions. From this site, AT&T Mobility will enhance voice and data services to surrounding areas in licensed 700, 850, 1900, 2100 and 2300 MHz bands. No other antennas are known to be operating in the vicinity of this site.

Power density decreases significantly with distance from any antenna. The panel-type antennas to be employed at this site are highly directional by design and the orientation in azimuth and mounting elevation, as documented, serve to reduce the potential to exceed MPE limits at any location other than directly in front of the antennas. For accessible areas at ground level, the maximum predicted power density level resulting from all AT&T Mobility operations is 0.5265% of the FCC General Population limits (0.1053% 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 0.6315% of the FCC General Population limits (0.1263% of the FCC Occupational limits). The proposed operation will not expose members of the General Public to hazardous levels of RF energy.

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 (Warning) should be posted at the base of the proposed Monopole to inform authorized climbers of potential conditions near the antennas. These recommendations are depicted in Figure 2.

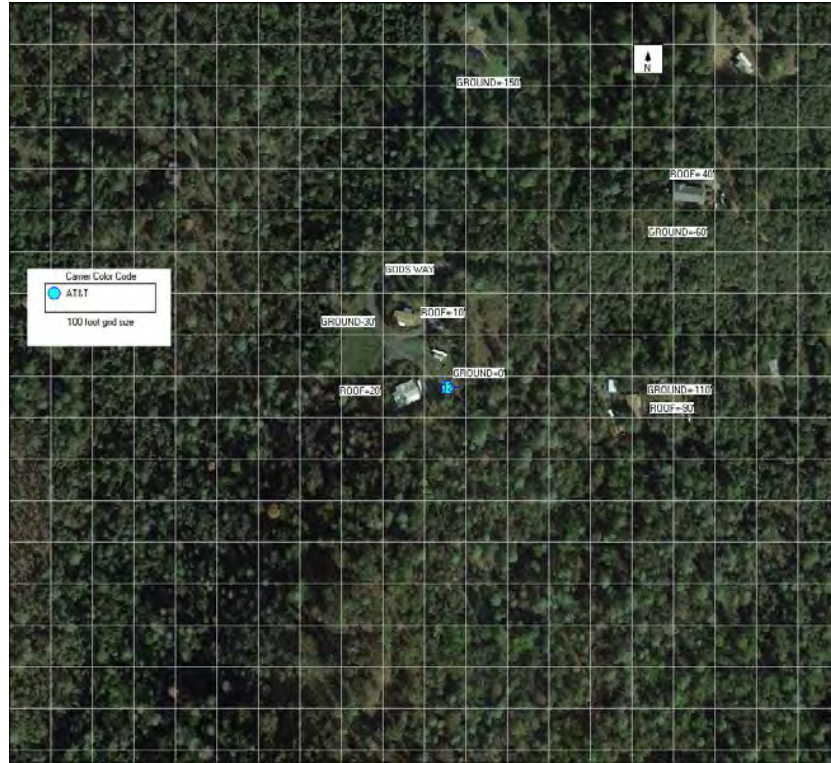


Figure 1: Antenna Locations

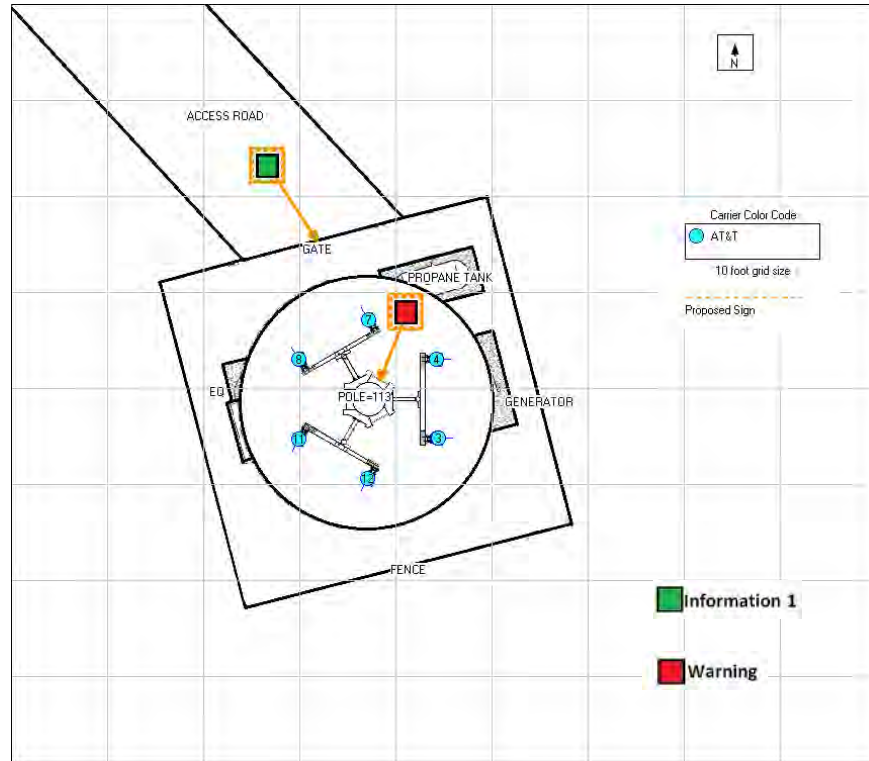


Figure 2: Mitigation Recommendations

Compliance Statement

Based on information provided by AT&T Mobility and predictive modeling, the installation proposed by AT&T Mobility at 6812 Gods Way, Lotus, 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.

