



**FIRSTNET/AT&T SITE ID:** CCL06249  
**FIRSTNET/AT&T SITE NAME:** HILL ROAD AND PARKWAY INTERSECTION  
**FA LOCATION CODE:** 15532196  
**USID:** 319474  
**PACE ID:** MRSFR077622

**PSTC SITE #:** CANG-NLAKE01  
**SITE ADDRESS:** 3275 HILL RD AND PARKWAY INTERSECTION LAKEPORT, CA 95453  
**COUNTY:** LAKE  
**SITE TYPE:** MONOPINE  
**TOWER HEIGHT:** 80'-0"



**FIRSTNET/AT&T SITE ID:** CCL06249  
**PSTC #:** CANG-NLAKE01  
**HILL ROAD AND PARKWAY INTERSECTION**  
**3275 HILL RD LAKEPORT, CA 95453 (LAKE COUNTY)**  
**PROPOSED 80'-0" MONOPINE TOWER**

SITE INFORMATION	
PSTC SITE NAME:	HILL ROAD AND PARKWAY INTERSECTION
SITE ADDRESS:	3275 HILL RD LAKEPORT, CA 95453
COUNTY:	LAKE
MAP/PARCEL #:	005-015-410-0000
AREA OF CONSTRUCTION:	13,843 SQ FT
LATITUDE:	N 39° 04' 40.04" (39.077789°)
LONGITUDE:	W 122° 55' 59.75" (-122.933264°)
LAT/LONG TYPE:	NAD83
GROUND ELEVATION:	1470.1±
CURRENT LAND USE:	AGRICULTURE
JURISDICTION:	LAKE COUNTY
OCCUPANCY CLASSIFICATION:	U
TYPE OF CONSTRUCTION:	VB
A.D.A. COMPLIANCE:	FACILITY IS UNMANNED AND NOT FOR HUMAN HABITATION
PROPERTY OWNER:	CARPENTER JAMES M 200 NORTH MAIN ST #C LAKEPORT, CA 95453
TOWER OWNER:	PUBLIC SAFETY TOWERS, LLC 1903 WRIGHT PLACE, SUITE 140 CARLSBAD, CA 92008
CARRIER/APPLICANT:	AT&T 5005 EXECUTIVE PKWY SAN RAMON, CA 94583
ELECTRIC PROVIDER:	PG&E
TELCO PROVIDER:	TBD

DRAWING INDEX		
SHEET #	SHEET DESCRIPTION	REV
T-1	TITLE SHEET	J
GN-1	GENERAL NOTES	J
LS-1	SITE SURVEY	2
LS-2	SITE SURVEY	2
LS-3	NOTES	2
C-1.1	SITE PLAN	J
C-1.2	COMPOUND LAYOUT	J
C-2.1	FINAL ELEVATION	J
C-2.2	FINAL ELEVATION	J
C-3	ANTENNA LAYOUT & SCHEDULE	J
C-4.1	CONSTRUCTION DETAILS	J
C-4.2	CONSTRUCTION DETAILS	J
C-5	WALK-UP-CABINET DETAILS	J
C-6	GENERATOR DETAILS	J
C-7	BATTERY DETAILS	J
C-8	SOIL & EROSION CONTROL PLAN	J
E-1	AC PANEL SCHEDULE	J
E-2	ONE-LINE DIAGRAM	J

ALL DRAWINGS CONTAINED HEREIN ARE FORMATTED FOR 24x36. CONTRACTOR SHALL VERIFY ALL PLANS AND EXISTING DIMENSIONS AND CONDITIONS ON THE JOB SITE AND SHALL IMMEDIATELY NOTIFY THE ENGINEER IN WRITING OF ANY DISCREPANCIES BEFORE PROCEEDING WITH THE WORK OR BE RESPONSIBLE FOR SAME.

LOCATION MAP
<p><b>DIRECTIONS FROM 5005 EXECUTIVE PARKWAY SAN RAMON, CA 95483:</b> GET ON I-680 N IN DANVILLE FROM CAMINO RAMON (1.9 MI), CONTINUE ON I-680 N, TAKE CA-29 TO HWY 175 W IN MIDDLETOWN (91.6 MI) TAKE BOTTLE ROCK RD TO CA-29 N/HWY 175 W IN KELSEVILLE (19 MI) FOLLOW CA-29 N TO PARK WAY IN NORTH LAKEPORT. TAKE EXIT 106 FROM CA-29 N. (12.8 MI) FOLLOW HILL RD E TO YOUR DESTINATION (1.9 MI)</p>

APPROVALS	
AT&T (RF):	_____
DATE:	_____
AT&T OPERATIONS:	_____
DATE:	_____
SITE ACQUISITION:	_____
DATE:	_____
CONSTRUCTION MANAGER:	_____
DATE:	_____
PROPERTY OWNER:	_____
DATE:	_____
ZONING:	_____
DATE:	_____
PROJECT MANAGER:	_____
DATE:	_____

PROJECT TEAM	
PUBLIC SAFETY TOWERS, LLC CONTACT:	1903 WRIGHT PLACE, SUITE 140 CARLSBAD, CA 92008 STEPHANIE VANDERVEEN S.VANDERVEEN@PSTCTOWERS.COM (619) 417-9925
TEP PROJECT TEAM:	TOWER ENGINEERING PROFESSIONALS 4710 E ELWOOD ST, STE 9 PHOENIX, AZ 85040
SITE ACQUISITION CONTACT:	CAROL KINCHELOE CKINCHELOE@TEPGROUP.NET (619) 488-0933
CIVIL ENGINEER:	ANDREW T. HALDANE, PE AHALADANE@TEPGROUP.NET (919) 661-6361
ELECTRICAL ENGINEER:	MARK QUAKENBUSH, PE MQUAKENBUSH@TEPGROUP.NET (919) 661-6351
AT&T PROJECT TEAM:	
RF ENGINEER:	EDWIN AVILES EA5477@ATT.COM

PROJECT DESCRIPTION	
THE PURPOSE OF THIS PROJECT IS TO ENHANCE BROADBAND CONNECTIVITY AND CAPACITY IN THE AREA FOR EMERGENCY SERVICE AND WIRELESS CUSTOMERS.	
TOWER SCOPE OF WORK	<ul style="list-style-type: none"> <li>INSTALL 80'-0" MONOPINE TOWER</li> <li>INSTALL (15) ANTENNAS</li> <li>INSTALL (15) RADIOS</li> <li>INSTALL (3) DC5 SQUIDS</li> <li>INSTALL (9) DC POWER TRUNKS</li> <li>INSTALL (3) FIBER TRUNKS</li> <li>INSTALL (3) SECTOR MOUNTS</li> <li>INSTALL (3) MODIFIED RRH MOUNTS</li> </ul>
GROUND SCOPE OF WORK	<ul style="list-style-type: none"> <li>INSTALL 33'-0" x 33'-0" CHAIN-LINK FENCED COMPOUND</li> <li>INSTALL (1) 600A GUTTER AND 200A METER ON PROPOSED H-FRAME</li> <li>INSTALL 17'-0" x 10'-4" CONCRETE PAD</li> <li>INSTALL (1) EQUIPMENT PLATFORM</li> <li>INSTALL (1) WALK-UP-CABINET (WUC)</li> <li>INSTALL (1) 30 KW DIESEL GENERATOR</li> <li>INSTALL (1) RAYCAP DC50 BOX</li> <li>INSTALL (1) 30"x30"x12" HOFFMAN BOX WITH CIENA ABOVE</li> <li>INSTALL ICE BRIDGE</li> </ul>

APPLICABLE CODES/REFERENCE DOCUMENTS	
ALL WORK SHALL BE PERFORMED AND MATERIALS 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:	
CODE TYPE	CODE
BUILDING	2022 CBC (2021 IBC)
MECHANICAL	2022 CMC (2021 UMC)
ELECTRICAL	2022 CEC (2020 NEC)
STRUCTURAL	EIA/TIA-222H
REFERENCE DOCUMENTS:	
RFDS VERSION:	1.00
UPDATED:	07/07/2023
	<p>CALL CALIFORNIA ONE CALL (800) 227-2600  <b>CALL 3 WORKING DAYS BEFORE YOU DIG!</b></p>

ISSUED FOR:				
REV	DATE	DRWN	DESCRIPTION	QA
F	03-24-23	SSO	ZONING	HMMT
G	11-16-23	SSO	ZONING	HMMT
H	11-21-23	CAM	ZONING	HMMT
I	01-11-24	CAM	ZONING	HMMT
J	02-19-24	SLA	ZONING	HMMT

**SEAL:**

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, TO ALTER THIS DOCUMENT.

SHEET TITLE:	
TITLE SHEET	
SHEET NUMBER:	REVISION:
T-1	J
TEP #:	314197.336183

## PROJECT NOTES:

- ALL REFERENCES MADE TO OWNER IN THESE DOCUMENTS SHALL BE CONSIDERED PUBLIC SAFETY TOWERS, LLC OR ITS DESIGNATED REPRESENTATIVE.
- ALL WORK PRESENTED ON THESE DRAWINGS MUST BE COMPLETED BY THE CONTRACTOR UNLESS NOTED OTHERWISE. THE CONTRACTOR MUST HAVE CONSIDERABLE EXPERIENCE IN THE PERFORMANCE OF WORK SIMILAR TO THAT DESCRIBED HEREIN. BY ACCEPTANCE OF THIS ASSIGNMENT, THE CONTRACTOR IS ATTESTING TO HAVE SUFFICIENT EXPERIENCE AND ABILITY, IS KNOWLEDGEABLE OF THE WORK TO BE PERFORMED AND THAT IS PROPERLY LICENSED AND PROPERLY REGISTERED TO DO THIS WORK IN THE STATE THE TOWER IS LOCATED.
- THE STRUCTURE SHALL BE DESIGNED IN ACCORDANCE WITH ANSI/TIA-222-H AND CONFORM TO THE REQUIREMENTS OF THE 2022 CALIFORNIA BUILDING CODE.
- WORK SHALL BE COMPLETED IN ACCORDANCE WITH THE 2022 CALIFORNIA BUILDING CODE.
- UNLESS SHOWN OR NOTED OTHERWISE ON THE CONTRACT DRAWINGS, OR IN THE SPECIFICATIONS, THE FOLLOWING NOTES SHALL APPLY TO THE MATERIALS LISTED HEREIN, AND TO THE PROCEDURES TO BE USED ON THIS PROJECT.
- ALL HARDWARE ASSEMBLY MANUFACTURER'S INSTRUCTION SHALL BE FOLLOWED EXACTLY AND SHALL SUPERSEDE ANY CONFLICTING NOTES ENCLOSED HEREIN.
- IT IS THE CONTRACTOR'S SOLE RESPONSIBILITY TO DETERMINE ERECTION PROCEDURE AND SEQUENCE TO ENSURE THE SAFETY OF THE STRUCTURE AND ITS COMPONENT PARTS DURING ERECTION AND/OR FIELD MODIFICATIONS. THIS INCLUDES, BUT NOT LIMITED TO, THE ADDITION OF TEMPORARY BRACING, GUYS OR TIE DOWNS THAT MAY BE NECESSARY. SUCH MATERIAL SHALL BE REMOVED AND SHALL REMAIN THE PROPERTY OF THE CONTRACTOR AFTER THE COMPLETION OF THE PROJECT.
- ALL DIMENSIONS, ELEVATIONS, AND EXISTING CONDITIONS SHOWN ON THE DRAWINGS SHALL BE FIELD VERIFIED BY THE CONTRACTOR PRIOR TO BEGINNING ANY MATERIALS ORDERING, FABRICATION OF CONSTRUCTION WORK ON THIS PROJECT. CONTRACTOR SHALL NOT SCALE CONTRACT DRAWINGS IN LIEU OF FIELD VERIFICATION. ANY DISCREPANCIES SHALL BE IMMEDIATELY BROUGHT TO THE ATTENTIONS OF THE OWNER AND THE OWNER'S ENGINEER. THE DISCREPANCIES MUST BE RESOLVED BEFORE THE CONTRACTOR IS TO PROCEED WITH THE WORK. THE CONTRACT DOCUMENTS DO NOT INDICATE THE METHOD OF CONSTRUCTION THE CONTRACTOR SHALL SUPERVISE AND DIRECT THE WORK AND SHALL BE SOLELY RESPONSIBLE FOR ALL CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES, AND PROCEDURES. OBSERVATION VISITS TO THE SITE BY THE OWNER AND/OR THE ENGINEER SHALL NOT INCLUDE INSPECTION OF THE PROTECTIVE MEASURES OR THE PROCEDURES.
- ALL MATERIALS AND EQUIPMENT FURNISHED SHALL BE NEW AND OF GOOD QUALITY, FREE FROM FAULTS AND DEFECTS AND IN CONFORMANCE WITH THE CONTRACT DOCUMENTS. ANY AND ALL SUBSTITUTIONS MUST BE PROPERLY APPROVED AND AUTHORIZED IN WRITING BY THE OWNER AND ENGINEER PRIOR TO INSTALLATION. THE CONTRACTOR SHALL FURNISH SATISFACTORY EVIDENCE AS TO THE KIND AND QUALITY OF THE MATERIALS AND EQUIPMENT BEING SUBSTITUTED.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR INITIATING, MAINTAINING, AND SUPERVISING ALL SAFETY PRECAUTIONS AND PROGRAMS IN CONNECTION WITH THE WORK. THE CONTRACTOR IS RESPONSIBLE FOR ENSURING THAT THIS PROJECT AND RELATED WORK COMPLIES WITH ALL APPLICABLE LOCAL, STATE, AND FEDERAL SAFETY CODES AND REGULATIONS GOVERNING THIS WORK. RENTAL CHARGES, SAFETY, PROTECTION, AND MAINTENANCE OF RENTED EQUIPMENT SHALL BE THE CONTRACTOR'S RESPONSIBILITY.
- ACCESS TO THE PROPOSED WORK SITE MAY BE RESTRICTED. THE CONTRACTOR SHALL COORDINATE INTENDED CONSTRUCTION ACTIVITY, INCLUDING WORK SCHEDULE AND MATERIALS ACCESS, WITH THE OWNER PROJECT MANAGER. THIS INCLUDES ALL SPECIFIC MILITARY INSTALLATION INSTRUCTIONS INCLUDING STAFF ACCESS AND GATE SPECIFIC INSTRUCTIONS.
- BILL OF MATERIALS AND PART NUMBERS LISTED ON CONSTRUCTION DRAWINGS ARE INTENDED TO AID CONTRACTOR/OWNER. CONTRACTOR/OWNER SHALL VERIFY PARTS AND QUANTITIES WITH MANUFACTURER PRIOR TO BIDDING AND/OR ORDERING MATERIALS.
- ALL PERMITS THAT MUST BE OBTAINED ARE THE RESPONSIBILITY OF THE CONTRACTOR. THE CONTRACTOR WILL BE RESPONSIBLE FOR ABIDING BY ALL CONDITIONS AND REQUIREMENTS OF THE PERMITS.
- 24 HOURS PRIOR TO THE BEGINNING OF ANY CONSTRUCTION, THE CONTRACTOR MUST NOTIFY THE APPLICABLE JURISDICTIONAL (STATE, COUNTY OR CITY) ENGINEER AS WELL AS ANY REQUIRED NOTICES SPECIFIC TO THE MILITARY INSTITUTION.
- THE CONTRACTOR SHALL REWORK (DRY, SCARIFY, ETC.) ALL MATERIAL NOT SUITABLE FOR SUBGRADE IN ITS PRESENT STATE. AFTER REWORKING, IF THE MATERIAL REMAINS UNSUITABLE, THE CONTRACTOR SHALL UNDERCUT THIS MATERIAL AND REPLACE WITH APPROVED MATERIAL. ALL SUBGRADES SHALL BE PROOFROLLED WITH A FULLY LOADED TANDEM AXLE DUMP TRUCK PRIOR TO PAVING. ANY SOFT MATERIALS SHALL BE REWORKED OR REPLACED.
- THE CONTRACTOR IS REQUIRED TO MAINTAIN ALL PIPES, DITCHES, AND OTHER DRAINAGE STRUCTURES FREE FROM OBSTRUCTION UNTIL WORK IS ACCEPTED BY THE OWNER. THE CONTRACTOR IS RESPONSIBLE FOR ANY DAMAGES CAUSED BY FAILURE TO MAINTAIN DRAINAGE STRUCTURE IN OPERABLE CONDITION.
- THE OWNER OR OWNERS REPRESENTATIVE SHALL HAVE A SET OF APPROVED PLANS AVAILABLE AT THE SITE AT ALL TIMES WHILE WORK IS BEING PERFORMED. A DESIGNATED RESPONSIBLE EMPLOYEE SHALL BE AVAILABLE FOR CONTACT BY GOVERNING AGENCY INSPECTORS.

- ANY BUILDINGS ON THIS SITE ARE INTENDED TO SHELTER EQUIPMENT WHICH WILL ONLY BE PERIODICALLY MAINTAINED AND ARE NOT INTENDED FOR HUMAN OCCUPANCY.
- TEMPORARY FACILITIES FOR PROTECTION OF TOOLS AND EQUIPMENT SHALL CONFORM TO LOCAL REGULATIONS AND SHALL BE THE CONTRACTOR'S RESPONSIBILITY.
- THE CONTRACTOR AND ITS SUBCONTRACTORS SHALL CARRY LIABILITY INSURANCE IN THE AMOUNTS AND FORM IN ACCORDANCE WITH OWNER SPECIFICATIONS. CERTIFICATES DEMONSTRATING PROOF OF COVERAGE SHALL BE PROVIDED TO OWNER PRIOR TO THE START OF THE WORK ON THE PROJECT.
- THE CONTRACTOR SHALL CONTACT ALL APPLICABLE UTILITY SERVICES TO VERIFY LOCATIONS OF EXISTING UTILITIES AND REQUIREMENTS FOR NEW UTILITY CONNECTIONS PRIOR TO EXCAVATING.
- THE CONTRACTOR SHALL MAINTAIN THE JOB CLEAR OF TRASH AND DEBRIS. ALL WASTE MATERIALS SHALL BE REMOVED FROM THE SITE PRIOR TO THE SUBSTANTIAL COMPLETION AND PRIOR TO FINAL ACCEPTANCE. THE CONTRACTOR SHALL FURNISH ONE 55 GALLON BARREL OR EQUIVALENT, AND TRASH BAGS, AND SHALL REMOVE TRASH, DEBRIS, ETC., ON A DAILY BASIS.
- THE CONTRACTOR SHALL VISIT THE SITE AND BECOME FAMILIAR WITH ALL CONDITIONS PRIOR TO SUBMITTING THE PROPOSAL. CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS SHOWN ON THESE DRAWINGS WITH THOSE AT THE SITE. ANY VARIATION WHICH REQUIRES PHYSICAL CHANGE SHALL BE BROUGHT TO THE ATTENTION OF THE OWNER PROJECT ENGINEER FOR FACILITIES/CONSTRUCTION.
- THE CONTRACTOR SHALL GUARANTEE THE WORK PERFORMED ON THE PROJECT BY THE CONTRACTOR AND ANY OR ALL OF THE SUBCONTRACTORS WHO PERFORMED WORK FOR THE CONTRACTOR ON THIS PROJECT. THE GUARANTEE SHALL BE FOR A FULL YEAR FOLLOWING ISSUANCE OF THE FINAL PAYMENT OF RETAINAGE. ALL MATERIALS AND WORKMANSHIP SHALL BE WARRANTED FOR ONE YEAR FROM ACCEPTANCE DATE.
- THE CONTRACTOR SHALL PROVIDE DAILY UPDATES IN THE FORM OF WRITTEN NOTIFICATION VIA EMAIL OR APP PHOTOS TO THE BOINGO CONSTRUCTION MANAGER.

## UTILITY NOTES:

- APPLY FOR THE UTILITY SERVICE (ELECTRIC) NO LATER THAN THE NEXT BUSINESS DAY FOLLOWING AWARD OF CONTRACT. COORDINATE WITH THE ELECTRIC UTILITY COMPANY FOR EXACT TRANSFORMER LOCATION, METERING REQUIREMENTS, AND THE SERVICE ROUTING. COORDINATE WITH THE TELEPHONE UTILITY COMPANY FOR EXACT TELEPHONE REQUIREMENTS AND ROUTING OF SERVICE.
- ALL UTILITY RELATED WORK SHALL BE PERFORMED IN ACCORDANCE WITH APPLICABLE UTILITY REQUIREMENTS. FIELD TO VERIFY EXISTING UTILITY LOCATIONS PRIOR TO CONSTRUCTION.
- THE CONTRACTOR SHALL CONTACT UTILITIES AND LOCATOR SERVICE A MINIMUM OF 72 HOURS PRIOR TO THE START OF CONSTRUCTION.
- CONTRACTOR SHALL PROVIDE TRENCHING AND CONDUITS AS SHOWN OR AS REQUIRED BY LOCAL UTILITY.
- NO PENETRATIONS TO THE TOWER FOUNDATION OF ANY KIND.



1903 WRIGHT PLACE, SUITE 140  
CARLSBAD, CA 92008



5005 EXECUTIVE PARKWAY  
SAN RAMON, CA 94583



TOWER ENGINEERING PROFESSIONALS  
4710 E. ELWOOD ST. STE 9  
PHOENIX, AZ 85040  
OFFICE: (480) 285-0036  
www.tepgroup.net

**FIRSTNET/AT&T SITE ID:  
CCL06249**

**PSTC #: CANC-NLAKE01  
HILL ROAD AND PARKWAY  
INTERSECTION**

**3275 HILL RD  
LAKEPORT, CA 95453  
(LAKE COUNTY)**

**PROPOSED 80'-0"  
MONOPINE TOWER**

### ISSUED FOR:

REV	DATE	DRWN	DESCRIPTION	QA
F	03-24-23	SSO	ZONING	HMMT
G	11-16-23	SSO	ZONING	HMMT
H	11-21-23	CAM	ZONING	HMMT
I	01-11-24	CAM	ZONING	HMMT
J	02-19-24	SLA	ZONING	HMMT

### SEAL:



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UNLESS THEY ARE ACTING UNDER THE DIRECTION  
OF A LICENSED PROFESSIONAL ENGINEER,  
TO ALTER THIS DOCUMENT.

### SHEET TITLE:

**GENERAL NOTES**

### SHEET NUMBER:

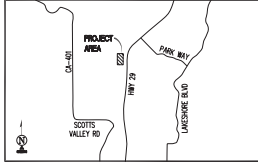
**GN-1**

### REVISION:

**J**

### TEP #:

314197.336183



VICINITY MAP  
N.Y.S.

**UTILITY NOTES**

SURVEYOR DOES NOT GUARANTEE THAT ALL UTILITIES ARE SHOWN OR THEIR LOCATIONS ARE DEFINITE. IT IS THE RESPONSIBILITY OF THE CONTRACTOR AND DEVELOPER TO CONTACT 811 AND ANY OTHER INVOLVED AGENCIES TO LOCATE ALL UTILITIES PRIOR TO CONSTRUCTION, REMOVAL, RELOCATION AND/OR REPLACEMENT IS THE RESPONSIBILITY OF THE CONTRACTOR.

**SURVEYOR'S NOTES**

CONTOURS DERIVED FROM DIRECT FIELD OBSERVATIONS AND FOLLOW THE CURRENT NATIONAL MAP STANDARDS FOR VERTICAL ACCURACY.

THE BOUNDARY SHOWN HEREON IS PLOTTED FROM RECORD INFORMATION AND DOES NOT CONSTITUTE A BOUNDARY SURVEY OF THE PROPERTY.

ALL DISTANCES SHOWN HEREON ARE GRID DISTANCES.

SURVEYOR HAS NOT PERFORMED A SEARCH OF PUBLIC RECORDS TO DETERMINE ANY DEFECT IN TITLE ISSUED.

**SURVEY DATE**  
10/04/2022

**BASIS OF BEARING**

BEARINGS SHOWN HEREON ARE BASED UPON THE CALIFORNIA ZONE 2 STATE PLANE COORDINATE SYSTEM BASED ON THE NORTH AMERICAN DATUM OF 1983(2011) (EPOCH 2019.25), DETERMINED BY GLOBAL POSITIONING SYSTEM EQUIPMENT ON THE SMARTNET REFERENCE NETWORK.

**BENCHMARK**

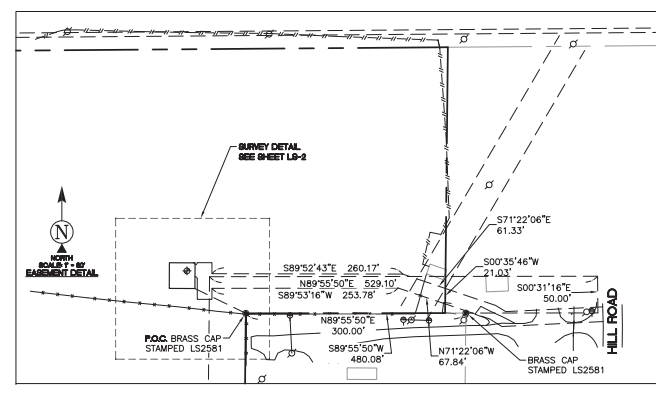
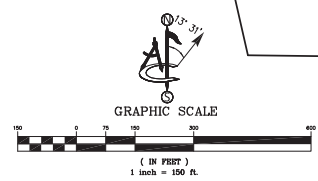
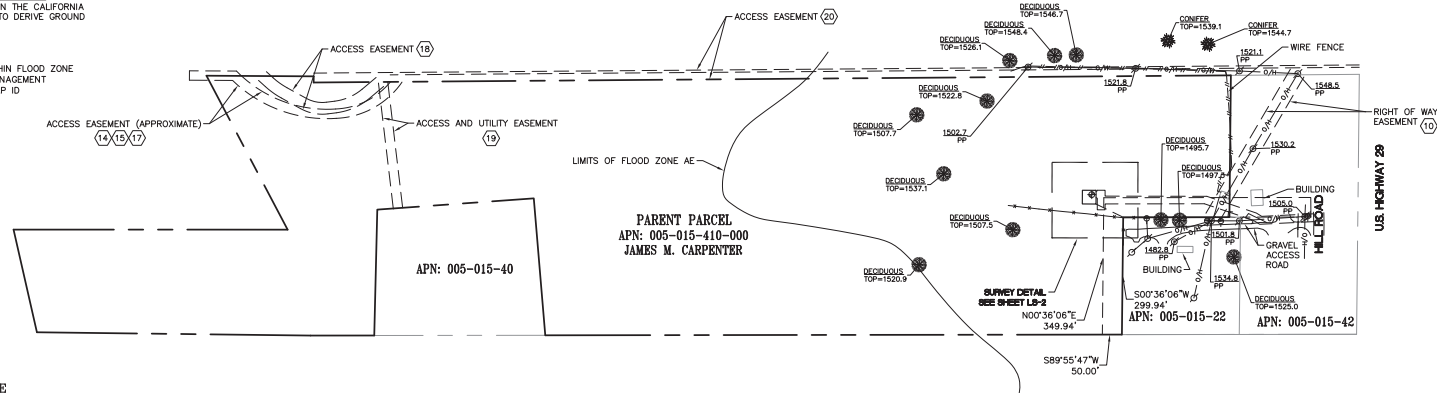
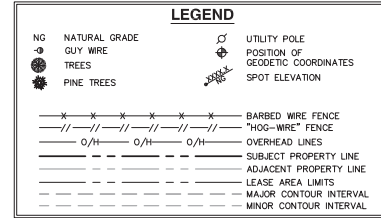
PROJECT ELEVATIONS ESTABLISHED FROM GPS DERIVED ORTHOMETRIC HEIGHTS BY APPLICATION OF NGS "GEOID 12B" MODELLED SEPARATIONS TO ELLIPSOID HEIGHTS DETERMINED BY OBSERVATIONS OF THE "SMARTNET" REAL TIME NETWORK. ALL ELEVATIONS SHOWN HEREON ARE REFERENCED TO NAVD88.

**GRID-TO-GROUND SCALE FACTOR NOTE**

ALL BEARINGS AND DISTANCES ARE BASED ON THE CALIFORNIA TWO STATE PLANE COORDINATE ZONE GRID. TO DERIVE GROUND DISTANCES DIVIDE BY 0.99984876

**FLOOD ZONE**

THIS PROJECT APPEARS TO BE LOCATED WITHIN FLOOD ZONE "X", ACCORDING TO FEDERAL EMERGENCY MANAGEMENT AGENCY FLOOD INSURANCE RATE MAP(S), MAP ID #06033C04830, DATED 9/30/2005



PROJECT INFORMATION:  
CCL06249  
HILL ROAD AND PARKWAY INTERSECTION  
3275 HILL ROAD  
LAKEPORT, CA 95453  
LAKE COUNTY

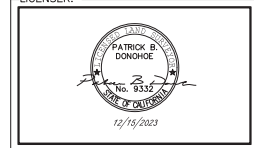
ORIGINAL ISSUE DATE:  
10/06/2022

REV. NO.	DATE	DESCRIPTION	BY
A	10/06/22	PRELIMINARY	CK
0	1/05/23	LEGALS (C)	CK
1	05/15/2023	NEW DESIGN (C)	SB
2	12/15/2023	NEW DESIGN (C)	PD

PLANS PREPARED BY:  
**TOWER ENGINEERING PROFESSIONALS**  
326 TRYON ROAD  
RALEIGH, NC 27603-3530  
(919) 861-6351

CONSULTANT:  
**ambit consulting**  
428 MAIN STREET  
SUITE 206  
HUNTINGTON BEACH, CA 92648  
PH: (480) 658-4072  
www.ambitconsulting.us

DRAWN BY: CK    CHK.: NS (P)    APV.: PD

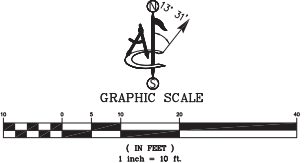
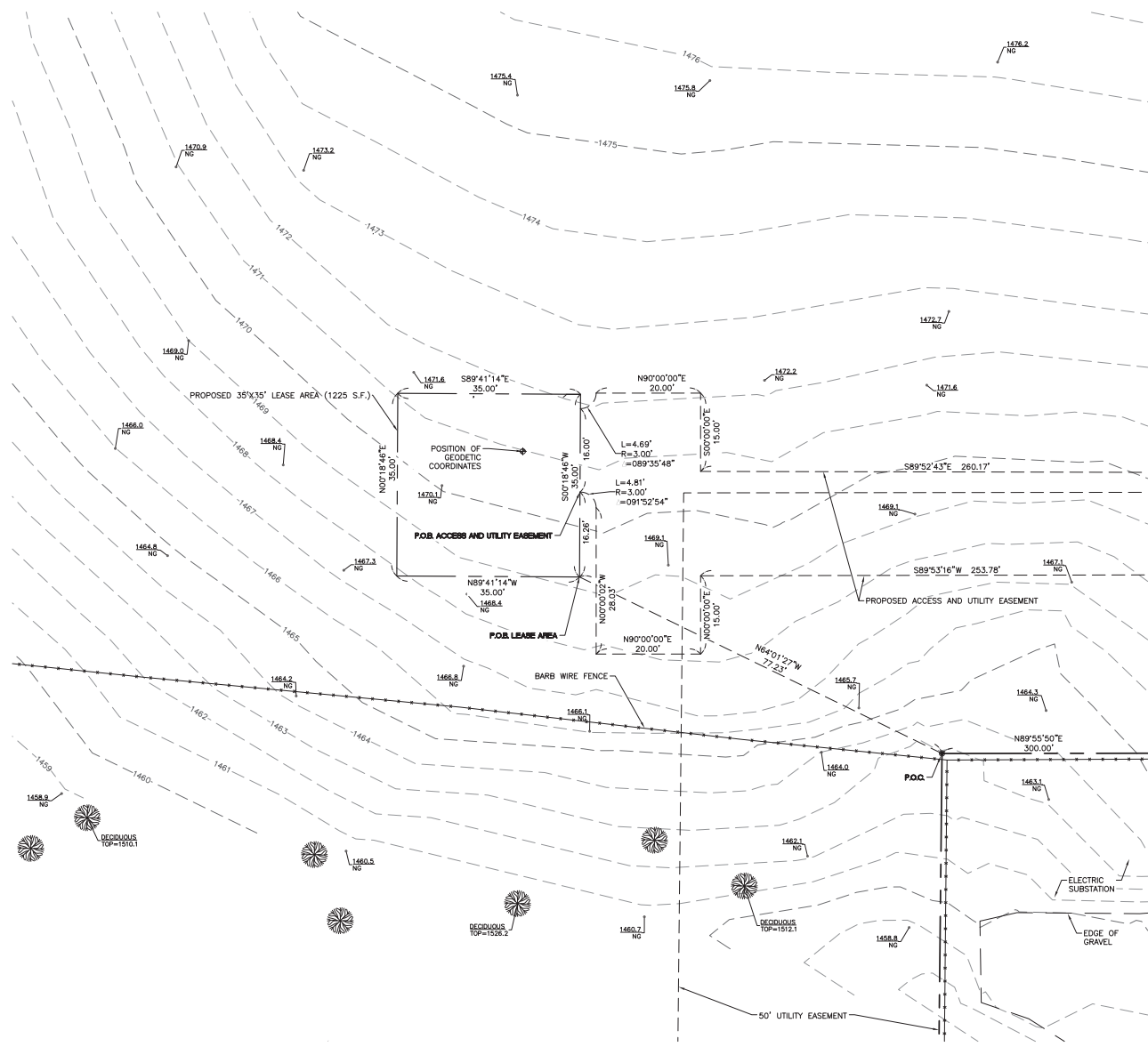


SHEET TITLE:  
SITE SURVEY

SHEET NUMBER:  
LS-1

POSITION OF GEODETIC COORDINATES  
 LATITUDE 39° 04' 40.04" (39.077789°) NORTH (NAD83)  
 LONGITUDE 122° 55' 59.75" (122.933264°) WEST (NAD83)  
 GROUND ELEVATION @ 1471.0' (NAVD88)

LEGEND			
NG	NATURAL GRADE		UTILITY POLE
	GUY WIRE		POSITION OF GEODETIC COORDINATES
	TREES		SPOT ELEVATION
	PINE TREES		
P.O.C.	POINT OF COMMENCEMENT		
P.O.B.	POINT OF BEGINNING		
	BARBED WIRE FENCE		
	"NO-WIRE" FENCE		
	OVERHEAD LINES		
	SUBJECT PROPERTY LINE		
	ADJACENT PROPERTY LINE		
	LEASE AREA LIMITS		
	MAJOR CONTOUR INTERVAL		
	MINOR CONTOUR INTERVAL		



PROJECT INFORMATION:  
 CCL06249  
 HILL ROAD AND PARKWAY INTERSECTION  
 3275 HILL ROAD  
 LAKEPORT, CA 95453  
 LAKE COUNTY

ORIGINAL ISSUE DATE:  
 10/06/2022

REV.	DATE	DESCRIPTION	BY
A	10/06/22	PRELIMINARY	CK
0	1/05/23	LEGALS (C)	CK
1	05/15/2023	NEW DESIGN (C)	SB
2	12/15/2023	NEW DESIGN (C)	PD

PLANS PREPARED BY:  
  
**TOWER ENGINEERING PROFESSIONALS**  
 326 TRYON ROAD  
 RALEIGH, NC 27603-3530  
 (919) 661-6351

CONSULTANT:  
  
**ambit consulting**  
 428 MAIN STREET  
 SUITE 206  
 HUNTINGTON BEACH, CA 92648  
 PH. (480) 658-4072  
 www.ambitconsulting.us

DRAWN BY: \_\_\_\_\_ CHK.: \_\_\_\_\_ APV.: \_\_\_\_\_  
 CK NS (P) PD

LICENSER:  
  
 PATRICK B. DONOHOE  
 No. 9332  
 State of California  
 12/15/2023

SHEET TITLE:  
 SITE SURVEY

SHEET NUMBER:  
 LS-2

**SCHEDULE "B" NOTE**

REFERENCE IS MADE TO THE TITLE REPORT ORDER #EP-138435-1, ISSUED BY TOWER TITLE AND CLOSING, DATED AUGUST 5, 2022. ALL EASEMENTS CONTAINED WITHIN SAID TITLE REPORT AFFECTING THE IMMEDIATE AREA SURROUNDING THE LEASE HAVE BEEN PLOTTED.

**ITEMIZED NOTES:**

1. DEFECTS, LIENS, ENCUMBRANCES, ADVERSE CLAIMS OR OTHER MATTERS, IF ANY, CREATED, FIRST APPEARING IN THE PUBLIC RECORDS OR ATTACHING SUBSEQUENT TO THE EFFECTIVE DATE BUT PRIOR TO THE DATE THE PROPOSED INSURED ACQUIRES FOR VALUE OF RECORD THE ESTATE OR INTEREST OR MORTGAGE THEREON COVERED BY THIS REPORT, INCLUDING:  
A. TAXES OR ASSESSMENTS THAT ARE NOT SHOWN AS EXISTING LIENS BY THE RECORDS OF ANY TAXING AUTHORITY THAT LIEVES TAXES OR ASSESSMENTS ON REAL PROPERTY OR BY THE PUBLIC RECORDS;  
B. PROCEEDINGS BY A PUBLIC AGENCY THAT MAY RESULT IN TAXES OR ASSESSMENTS, OR NOTICES OF SUCH PROCEEDINGS, WHETHER OR NOT SHOWN BY THE RECORDS OF SUCH AGENCY OR BY THE PUBLIC RECORDS. (EXCEPTION IS A STANDARD EXCEPTION AND NOT THE TYPE TO BE SHOWN HEREON)

2. THE LIEN OF SUPPLEMENTAL OR ESCAPED ASSESSMENTS OF PROPERTY TAXES, IF ANY. (EXCEPTION IS A STANDARD EXCEPTION AND NOT THE TYPE TO BE SHOWN HEREON)

3. ANY FACTS, RIGHTS, INTERESTS, OR CLAIMS THAT ARE NOT SHOWN BY THE PUBLIC RECORDS BUT THAT COULD BE ASCERTAINED BY AN INSPECTION OF THE LAND OR THAT MAY BE ASSERTED BY PERSONS IN POSSESSION OF THE LAND. (EXCEPTION IS A STANDARD EXCEPTION AND NOT THE TYPE TO BE SHOWN HEREON)

4. EASEMENTS, LIENS OR ENCUMBRANCES, OR CLAIMS THEREOF, NOT SHOWN BY THE PUBLIC RECORDS. (EXCEPTION IS A STANDARD EXCEPTION AND NOT THE TYPE TO BE SHOWN HEREON)

5. ANY ENCROACHMENT, ENCUMBRANCE, VIOLATION, VARIATION, OR ADVERSE CIRCUMSTANCE AFFECTING THE TITLE THAT WOULD BE DISCLOSED BY AN ACCURATE AND COMPLETE LAND SURVEY OF THE LAND AND NOT SHOWN BY THE PUBLIC RECORDS, INCLUDING:  
A. UNPATEDENT MINING CLAIMS;  
B. RESERVATIONS OR EXCEPTIONS IN PATENTS OR IN ACTS AUTHORIZING THE ISSUANCE THEREOF;  
C. WATER RIGHT, CLAIMS OR TITLE TO WATER, WHETHER OR NOT THE MATTERS EXCEPTED UNDER (A), (B) OR (C) ARE SHOWN BY THE PUBLIC RECORDS. (EXCEPTION IS A STANDARD EXCEPTION AND NOT THE TYPE TO BE SHOWN HEREON)

6. ANY LIEN OR RIGHT TO LIEN FOR SERVICES, LABOR OR MATERIAL NOT SHOWN BY THE PUBLIC RECORDS. (EXCEPTION IS A STANDARD EXCEPTION AND NOT THE TYPE TO BE SHOWN HEREON)

7. TAXES FOR THE CURRENT FISCAL YEAR AND SUBSEQUENT YEARS, A LIEN NOT YET DUE AND PAYABLE. (EXCEPTION IS A STANDARD EXCEPTION AND NOT THE TYPE TO BE SHOWN HEREON)

8. RIGHTS OF FEE SIMPLE OWNERS IN AND TO THE SUBJECT PROPERTY. (EXCEPTION IS A STANDARD EXCEPTION AND NOT THE TYPE TO BE SHOWN HEREON)

9. EASEMENT FOR RIGHT OF WAY BETWEEN JAMES C. BURGER, A SINGLE MAN, AND QUINT C. THOMPSON, DATED NOVEMBER 25, 1916 AND RECORDED NOVEMBER 25, 1916 IN (BOOK) 54 (PAGE) 363, IN LAKE COUNTY, CALIFORNIA. (DOES NOT AFFECT PARENT PARCEL)

10. RIGHT OF WAY EASEMENT BETWEEN GENE F. BURGER AND LOIS BURGER, HUSBAND AND WIFE, AND PACIFIC GAS AND ELECTRIC COMPANY, A CALIFORNIA CORPORATION, DATED MARCH 19, 1970 AND RECORDED MAY 29, 1970 IN (BOOK) 630 (PAGE) 620 (INSTRUMENT) 2414-10-0365, IN LAKE COUNTY, CALIFORNIA. (AS SHOWN ON SURVEY)

11. PACIFIC GAS AND ELECTRIC COMPANY BETWEEN FRED BURGER AND BARBARA BURGER, HUSBAND AND WIFE, AND PACIFIC GAS AND ELECTRIC COMPANY, A CALIFORNIA CORPORATION, AND PACIFIC BELL, A CALIFORNIA CORPORATION, DATED APRIL 17, 1999 AND RECORDED OCTOBER 8, 1999 IN (INSTRUMENT) 99-018015, IN LAKE COUNTY, CALIFORNIA. (EASEMENT UNDEFINED - NOT PLOTTED)

12. ANY AND ALL MATTERS DISCLOSED ON THE MAP ENTITLED "RECORD OF SURVEY-DATED NOVEMBER 26, 2001 AND RECORDED NOVEMBER 26, 2001 IN (BOOK) 71 (PAGE) 09, IN LAKE COUNTY, CALIFORNIA. (NOTHING TO PLOT)

13. CERTIFICATE OF COMPLIANCE DATED NOVEMBER 30, 2001 AND RECORDED NOVEMBER 30, 2001 IN (INSTRUMENT) 01-024495, IN LAKE COUNTY, CALIFORNIA. (DOES NOT AFFECT PARENT PARCEL)

14. TOGETHER WITH EASEMENTS AND RIGHTS RESERVED IN GRANT DEED TO MICHAEL D. SVEHLA AND NANCY SVEHLA, HUSBAND AND WIFE IN A DEED DATED OCTOBER 24, 2002 RECORDED OCTO 30, 2002 AS INSTRUMENT NO. 02-024627 (AS SHOWN ON SURVEY)

**SCHEDULE "B" NOTE**

15. ROAD MAINTENANCE AGREEMENT BETWEEN CARPENTER ORCHARD, INC., A CALIFORNIA CORPORATION AND JAMES M. CARPENTER, A MARRIED MAN AS HIS SOLE AND SEPARATE PROPERTY AND MICHAEL AND NANCY SVEHLA, HUSBAND AND WIFE, DATED OCTOBER 28, 2002 AND RECORDED OCTOBER 30, 2002 IN (INSTRUMENT) 02-024628, IN LAKE COUNTY, CALIFORNIA.

AFFECTED BY (A)N ADDENDUM #1 TO ROAD MAINTENANCE AGREEMENT BETWEEN JAMES M. CARPENTER, A MARRIED MAN DEALING WITH HIS SEPARATE PROPERTY, AND CARPENTER ORCHARD, INC., A CALIFORNIA CORPORATION AND MICHAEL B. GARGUILO AND MELISSA M. GARGUILO, TRUSTEES OF THE MICHAEL & MELISSA GARGUILO FAMILY TRUST DATED 11/13/03, DATED MARCH 1, 2005 AND RECORDED MARCH 2, 2005 IN (INSTRUMENT) 2005005582, IN LAKE COUNTY, CALIFORNIA. AFFECTED BY (A)N ADDENDUM #2 TO ROAD MAINTENANCE AGREEMENT BETWEEN JAMES M. CARPENTER, A MARRIED MAN DEALING WITH HIS SEPARATE PROPERTY, AND CARPENTER ORCHARD, INC., A CALIFORNIA CORPORATION AND SAMUEL V. CONNELL, A MARRIED MAN DEALING WITH HIS SEPARATE PROPERTY, DATED DECEMBER 20, 2005 AND RECORDED JANUARY 20, 2006 IN INSTRUMENT) 2006001601, IN LAKE COUNTY, CALIFORNIA. (AS SHOWN ON SURVEY)

16. LOT LINE ADJUSTMENT DATED DECEMBER 7, 2004 AND RECORDED DECEMBER 7, 2004 IN (INSTRUMENT) 2004033783, IN LAKE COUNTY, CALIFORNIA. (NOTHING TO PLOT)

17. EASEMENTS AS DESCRIBED IN GRANT DEED TO SAMUEL V. CONNELL, A MARRIED MAN DEALING WITH HIS SEPARATE PROPERTY, IN A DEED DATED DECEMBER 20, 2005 AND RECORDED JANUARY 20, 2006 AS INSTRUMENT NO. 2006001602 (AS SHOWN ON SURVEY)

18. EASEMENT GRANT DEED BETWEEN JAMES M. CARPENTER, A MARRIED MAN DEALING WITH HIS SEPARATE PROPERTY, AND CARPENTER ORCHARD, INC., A CALIFORNIA CORPORATION AND CHAD H. LYON AND SHELLY C. LYON, TRUSTEES OF THE CHAD H. LYON AND SHELLY C. LYON REVOCABLE TRUST OF 2009, AND RAYMOND COX AND JOAN COX, HUSBAND AND WIFE AS JOINT TENANTS AND MICHAEL D. SVEHLA AND NANCY SVEHLA, HUSBAND AND WIFE AND NICOLE L. KALIS, AN UNMARRIED WOMAN AND SAMUEL V. CONNELL, A MARRIED MAN DEALING WITH HIS SEPARATE PROPERTY, DATED OCTOBER 5, 2011 AND RECORDED OCTOBER 14, 2011 IN (INSTRUMENT) 2011014833, IN LAKE COUNTY, CALIFORNIA. (AS SHOWN ON SURVEY)

19. EASEMENT GRANT DEED BETWEEN JAMES M. CARPENTER, A MARRIED MAN DEALING WITH HIS SEPARATE PROPERTY, AND CARPENTER ORCHARD, INC., A CALIFORNIA CORPORATION AND SAMUEL V. CONNELL, A MARRIED MAN DEALING WITH HIS SEPARATE PROPERTY, DATED NOVEMBER 15, 2013 AND RECORDED DECEMBER 10, 2013 IN (INSTRUMENT) 2013018340, IN LAKE COUNTY, CALIFORNIA.

AFFECTED BY (A)N CORRECTION EASEMENT GRANT DEED BETWEEN JAMES M. CARPENTER, A MARRIED MAN DEALING WITH HIS SEPARATE PROPERTY, AND CARPENTER ORCHARD, INC., A CALIFORNIA CORPORATION AND SAMUEL V. CONNELL, A MARRIED MAN DEALING WITH HIS SEPARATE PROPERTY, DATED NOVEMBER 15, 2013 AND RECORDED APRIL 22, 2014 IN (INSTRUMENT) 2014004789, IN LAKE COUNTY, CALIFORNIA. (AS SHOWN ON SURVEY)

20. TOGETHER WITH EASEMENTS AND RIGHTS RESERVED IN GRANT DEED TO DAVID RAY CONATSER AND SABRINA LEE CONATSER, HUSBAND AND WIFE, AS JOINT TENANTS, IN A DEED DATED JUNE16, 2007 AND RECORDED JUNE 21, 2017 AS INSTRUMENT NO. 2017-8135 (AS SHOWN ON SURVEY)

**LESSOR'S LEGAL DESCRIPTION**

REAL PROPERTY IN THE UNINCORPORATED AREA OF THE COUNTY OF LAKE, STATE OF CALIFORNIA, DESCRIBED AS FOLLOWS:

PARCEL ONE:  
THE SOUTH HALF OF THE SOUTH HALF OF THE NORTHEAST QUARTER OF SECTION 11, TOWNSHIP 14 NORTH, RANGE 10 WEST, MOUNT DIABLO MERIDIAN.  
EXCEPTING THEREFROM ALL THAT PORTION THEREOF DESCRIBED AS FOLLOWS:  
BEGINNING AT A POINT IN THE SOUTHERLY BOUNDARY LINE OF THE NORTHEAST QUARTER OF SECTION 11, TOWNSHIP 14 NORTH, RANGE 10 WEST, MOUNT DIABLO MERIDIAN, WHICH POINT IS DETERMINED BY RUNNING NORTH 00°11'07" WEST, 2657.80 FEET AND THENCE SOUTH 89°19'40" WEST, 300.00 FEET FROM THE 1 1/4 INCH IRON MONUMENT MARKING THE SOUTHWEST CORNER OF SAID SECTION 11 AND RUNNING THENCE FROM THE POINT OF BEGINNING AS SO DETERMINED SOUTH 89°19'40" WEST, ALONG THE SOUTHERLY BOUNDARY LINE OF THE NORTHEAST QUARTER OF SAID SECTION 11, A DISTANCE OF 300.00 FEET; THENCE NORTH 00°00'04" WEST, 300.00 FEET; THENCE NORTH 89°19'40" EAST, 300.00 FEET; THENCE SOUTH 00°00'04" EAST, 300.00 FEET, MORE OR LESS, TO THE POINT OF BEGINNING, BEING A PORTION OF THE NORTHEAST QUARTER OF SAID SECTION 11.  
ALSO EXCEPTING THEREFROM ALL THAT PORTION DESCRIBED IN THE DEED FROM GENE F. BURGER AND LOIS BURGER, HUSBAND AND WIFE, TO THE STATE OF CALIFORNIA DATED AUGUST 13, 1968, RECORDED OCTOBER 24, 1968, IN BOOK 589 OF OFFICIAL RECORDS OF LAKE COUNTY AT PAGE 522.

ALSO EXCEPTING THEREFROM A CERTAIN REAL PROPERTY SITUATED IN THE COUNTY OF LAKE, STATE OF CALIFORNIA AS DESCRIBED IN THE CERTIFICATE OF COMPLIANCE FILED NOVEMBER 30, 2001, AS DOCUMENT NUMBER 01-024495, LAKE COUNTY RECORDS.  
PARCEL TWO:  
BEGINNING AT THE CENTER OF SECTION 11, TOWNSHIP 14 NORTH, RANGE 10 WEST, MOUNT DIABLO MERIDIAN, AND RUNNING THENCE WEST, ALONG THE HALF SECTION LINE RUNNING EAST AND WEST TO THE CENTER OF SAID SECTION 11, 10.60 CHAINS TO THE CENTER OF SCOTT'S CREEK; THENCE ALONG THE CENTER OF SAID CREEK NORTH 12°49' WEST, 10.77 CHAINS, MORE OR LESS, TO THE SOUTHWEST CORNER OF THAT CERTAIN TRACT HERETOFORE CONVEYED BY G. F. BURGER, ET AL, TO GENE F. BURGER, BY DEED DATED OCTOBER 16, 1919, OF RECORD IN BOOK 57 OF DEEDS AT PAGE 367, LAKE COUNTY RECORDS; THENCE EAST, ALONG THE SOUTH LINE OF SAID TRACT SO CONVEYED TO LELAND L. BURGER, AND ALONG THE SOUTH LINE OF THAT CERTAIN TRACT HERETOFORE CONVEYED BY JAMES C. BURGER, A SINGLE MAN, TO QUINT C. THOMPSON, BY DEED DATED NOVEMBER 25, 1916, OF RECORD IN BOOK 54 OF DEEDS AT PAGE 363, LAKE COUNTY RECORDS; 13.75 CHAINS TO THE LINE RUNNING NORTH AND SOUTH THROUGH THE CENTER OF SAID SECTION 11, THENCE SOUTH, 10.46 CHAINS TO THE POINT OF BEGINNING, EXCEPTING THEREFROM THE FOLLOWING DESCRIBED PARCEL OF LAND:  
BEGINNING AT THE SOUTHWEST CORNER OF THAT CERTAIN TRACT OF LAND CONVEYED BY JAMES C. BURGER, A SINGLE MAN, TO QUINT C. THOMPSON, BY DEED DATED NOVEMBER 25, 1916, OF RECORD IN BOOK 54 OF DEEDS AT PAGE 363, LAKE COUNTY RECORDS; THENCE EASTERLY ALONG THE SOUTH LINE OF THE ABOVE REFERRED TO DEED, 60.00 FEET; THENCE LEAVING THE SAID SOUTH LINE OF THE ABOVE REFERRED TO DEED SOUTH 27°48'28" EAST, 427.41 FEET, MORE OR LESS, TO AN EXISTING FENCE, THENCE WESTERLY ALONG THE SAID EXISTING FENCE, 700 FEET, MORE OR LESS, TO THE CENTER OF SCOTT CREEK; THENCE WESTERLY, DOWNSTREAM, ALONG THE SAID CENTER OF SCOTT CREEK, 380 FEET, MORE OR LESS, TO THE SOUTHWEST CORNER OF PARCEL OF LAND DESCRIBED IN DOCUMENT NO. 02-024527, LAKE COUNTY RECORDS, THENCE LEAVING THE SAID CENTER OF SCOTT CREEK, EASTERLY ALONG THE SOUTH LINE OF THE LAST ABOVE REFERRED TO DEED, 39 RODS, MORE OR LESS, TO THE POINT OF BEGINNING.

TOGETHER WITH EASEMENTS AND RIGHTS RESERVED IN GRANT DEED TO DAVID RAY CONATSER AND SABRINA LEE CONATSER, HUSBAND AND WIFE, AS JOINT TENANTS, IN A DEED DATED JUNE16, 2007 AND RECORDED JUNE 21, 2017 AS INSTRUMENT NO. 2017-8135

PARCEL ID: 005-015-410-000  
BEING THE SAME PROPERTY CONVEYED TO JAMES M. CARPENTER, A MARRIED MAN, DEALING WITH HIS SEPARATE PROPERTY AND CARPENTER ORCHARD, INC., A CALIFORNIA CORPORATION AND FRED BURGER AND BARBARA BURGER, HUSBAND AND WIFE DATED SEPTEMBER 30, 1998 AND RECORDED OCTOBER 1, 1998 AS INSTRUMENT NO. 98-017168.

**LEASE AREA LEGAL DESCRIPTION**

A PORTION OF THAT CERTAIN PARCEL OF LAND AS DESCRIBED IN GRANT DEED RECORDED IN DOCUMENT NO. 2004033786, OFFICIAL RECORDS OF LAKE COUNTY, CALIFORNIA, BEING LOCATED IN THE SOUTH HALF OF THE SOUTH HALF OF THE NORTHEAST QUARTER OF SECTION 11, TOWNSHIP 14 NORTH, RANGE 10 WEST, MOUNT DIABLO MERIDIAN, MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCING AT A BRASS CAP STAMPED LS 2581 AT THE NORTHWEST CORNER OF 456 0.R. 306 AS SHOWN ON RECORD OF SURVEY RECORDED BOOK 71, PAGE 08 OFFICIAL RECORDS OF SAID COUNTY, FROM WHICH A BRASS CAP STAMPED LS 2581 AT THE NORTHEAST CORNER OF SAID LOT BEARS NORTH 89°55'50" EAST, 300.00 FEET; THENCE FROM SAID POINT OF COMMENCEMENT NORTH 64°01'27" WEST, 77.23 FEET TO THE POINT OF BEGINNING;

THENCE NORTH 89°41'14" WEST, 35.00 FEET; THENCE NORTH 00°18'46" EAST, 35.00 FEET; THENCE SOUTH 89°41'14" EAST, 35.00 FEET; THENCE SOUTH 00°18'46" WEST, 35.00 FEET TO THE POINT OF BEGINNING.

CONTAINING 1225 SQUARE FEET (0.028 ACRES) OF LAND, MORE OR LESS.

**ACCESS AND UTILITY EASEMENT LEGAL DESCRIPTION**

A PORTION OF THAT CERTAIN PARCEL OF LAND AS DESCRIBED IN GRANT DEED RECORDED IN DOCUMENT NO. 2004033786, OFFICIAL RECORDS OF LAKE COUNTY, CALIFORNIA, BEING LOCATED IN THE SOUTH HALF OF THE SOUTH HALF OF THE NORTHEAST QUARTER OF SECTION 11, TOWNSHIP 14 NORTH, RANGE 10 WEST, MOUNT DIABLO MERIDIAN, MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCING AT A BRASS CAP STAMPED LS 2581 AT THE NORTHWEST CORNER OF 456 0.R. 306 AS SHOWN ON RECORD OF SURVEY RECORDED BOOK 71, PAGE 08 OFFICIAL RECORDS OF SAID COUNTY, FROM WHICH A BRASS CAP STAMPED LS 2581 AT THE NORTHEAST CORNER OF SAID LOT BEARS NORTH 89°55'50" EAST, 300.00 FEET; THENCE FROM SAID POINT OF COMMENCEMENT NORTH 64°01'27" WEST, 77.23 FEET; THENCE NORTH 00°18'46" EAST, 16.26 FEET TO THE POINT OF BEGINNING;

THENCE CONTINUING NORTH 00°18'46" EAST, 16.00 FEET TO THE BEGINNING OF A NON-TANGENT CURVE WITH A RADIUS OF 3.00 FEET, CONCAVE NORTHEAST, THE CENTER OF WHICH BEARS NORTH 00°19'27" EAST, THENCE ALONG SAID CURVE, THROUGH A CENTRAL ANGLE OF 89°35'48", A DISTANCE OF 4.69 FEET; THENCE NORTH 71°22'06" EAST, 260.17 FEET; THENCE SOUTH 71°22'06" EAST, 61.53 FEET TO A POINT ON THE EASTERLY BOUNDARY OF SAID PARCEL; THENCE SOUTH 00°55'46" WEST, ALONG SAID EAST LINE, 21.03 FEET; THENCE DEPARTING SAID EAST LINE NORTH 71°22'06" WEST, 67.84 FEET; THENCE NORTH 89°53'16" WEST, 253.78 FEET; THENCE SOUTH 00°00'00" WEST, 15.00 FEET; THENCE NORTH 90°00'00" WEST, 20.00 FEET; THENCE NORTH 00°00'02" WEST, 28.03 FEET TO THE BEGINNING OF A TANGENT CURVE TO THE LEFT WITH A RADIUS OF 3.00 FEET; THENCE ALONG SAID CURVE, THROUGH A CENTRAL ANGLE OF 91°52'54", A DISTANCE OF 4.81 FEET RETURNING TO THE POINT OF BEGINNING.

**50' UTILITY EASEMENT LEGAL DESCRIPTION**

A PORTION OF THAT CERTAIN PARCEL OF LAND AS DESCRIBED IN GRANT DEED RECORDED IN DOCUMENT NO. 2004033786, OFFICIAL RECORDS OF LAKE COUNTY, CALIFORNIA, BEING LOCATED IN THE SOUTH HALF OF THE SOUTH HALF OF THE NORTHEAST QUARTER OF SECTION 11, TOWNSHIP 14 NORTH, RANGE 10 WEST, MOUNT DIABLO MERIDIAN, MORE PARTICULARLY DESCRIBED AS FOLLOWS:

BEGINNING AT A BRASS CAP STAMPED LS 2581 AT THE NORTHWEST CORNER OF 456 0.R. 306 AS SHOWN ON RECORD OF SURVEY RECORDED BOOK 71, PAGE 09 OFFICIAL RECORDS OF SAID COUNTY, FROM WHICH A BRASS CAP STAMPED LS 2581 AT THE NORTHEAST CORNER OF SAID LOT BEARS NORTH 89°55'50" EAST, 300.00 FEET; THENCE FROM SAID POINT OF BEGINNING SOUTH 00°36'00" WEST, 299.94 FEET; THENCE SOUTH 89°55'47" WEST, 50.00 FEET; THENCE NORTH 00°36'06" EAST, 394.94 FEET; THENCE NORTH 89°55'50" EAST, 529.10 FEET; THENCE SOUTH 00°31'16" EAST, 50.00 FEET; THENCE SOUTH 89°55'50" WEST, 480.08 FEET TO THE POINT OF BEGINNING.



PROJECT INFORMATION:  
CCL06249  
HILL ROAD AND PARKWAY INTERSECTION  
3275 HILL ROAD  
LAKEPORT, CA 95453  
LAKE COUNTY

ORIGINAL ISSUE DATE:  
10/06/2022

REV. DATE DESCRIPTION BY

A	10/06/22	PRELIMINARY	CK
0	1/05/23	LEGALS (C)	CK
1	05/15/2023	NEW DESIGN (C)	SB
2	12/15/2023	NEW DESIGN (C)	PD

PLANS PREPARED BY:  
  
TOWER ENGINEERING PROFESSIONALS  
326 TRYON ROAD  
RALEIGH, NC 27603-3530  
(919) 661-6351

CONSULTANT:  
  
428 MAIN STREET  
SUITE 206  
HUNTINGTON BEACH, CA 92648  
PH: (480) 658-4072  
www.ambitconsulting.us

DRAWN BY: \_\_\_\_\_ CHK.: \_\_\_\_\_ APV.: \_\_\_\_\_  
CK NS (P) PD

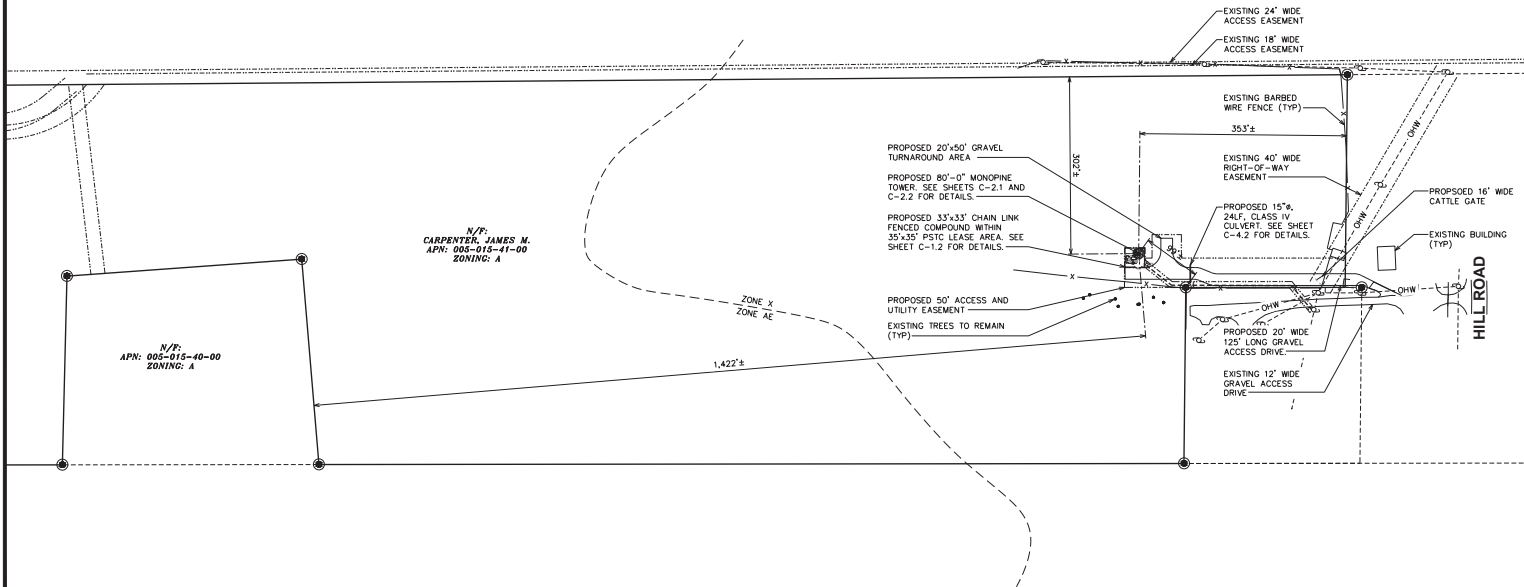
LICENSER:

SHEET TITLE:  
NOTES

SHEET NUMBER:  
LS-3

**NOTES:**

1. ANTENNAS NOT SHOWN FOR CLARITY.
2. FIBER AND POWER ROUTES SHOWN ARE PRELIMINARY AND TO BE VERIFIED BY COORDINATION WITH THE UTILITY COMPANY PRIOR TO CONSTRUCTION.
3. ACCESS WILL BE PROVIDED IN COMPLIANCE WITH PRC 4290.
4. ADDRESS POSTING REQUIRED FOR BOTH CELL TOWER LEASE SITE AND PRIMARY PROPERTY (RESIDENCE). POSTED REFLECTIVE ADDRESS SIGN(S) OF CONTRASTING COLORS, RETRO-REFLECTIVE OF REQUIRED SIZE, PERPENDICULAR TO THE ROAD, VISIBLE FROM BOTH DIRECTIONS AT THE ROADWAY FOR EACH ADDRESS ACCESSED FROM DRIVEWAY. ADDITIONAL POSTED REFLECTIVE ADDRESS SIGN(S) OF CONTRASTING COLORS, RETRO-REFLECTIVE OF REQUIRED SIZE, PERPENDICULAR TO THE DRIVEWAY POSTED AT EACH ADDRESSED PROPERTY AND/OR STRUCTURE FROM THE DRIVEWAY.



**PUBLIC SAFETY TOWERS COMPANY**  
 1903 WRIGHT PLACE, SUITE 140  
 CARLSBAD, CA 92008

**AT&T**  
 5005 EXECUTIVE PARKWAY  
 SAN RAMON, CA 94583

**TOWER ENGINEERING PROFESSIONALS**  
 4710 E ELWOOD ST. STE 9  
 PHOENIX, AZ 85040  
 OFFICE: (480) 285-0036  
 www.tepgroup.net

**FIRSTNET/AT&T SITE ID:**  
**CCL06249**

**PSTC #: CANC-NLAKE01**  
**HILL ROAD AND PARKWAY**  
**INTERSECTION**

**3275 HILL RD**  
**LAKEPORT, CA 95453**  
**(LAKE COUNTY)**

**PROPOSED 80'-0" MONOPINE TOWER**

**ISSUED FOR:**

REV	DATE	DRWN	DESCRIPTION	QA
F	03-24-23	SSO	ZONING	HMMT
G	11-16-23	SSO	ZONING	HMMT
H	11-21-23	CAM	ZONING	HMMT
I	01-11-24	CAM	ZONING	HMMT
J	02-19-24	SLA	ZONING	HMMT

**SEAL:**

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, TO ALTER THIS DOCUMENT.

**SHEET TITLE:**  
**SITE PLAN**

**SHEET NUMBER:**  
**C-1.1**

**REVISION:**  
**J**

**TEP #:** 314197.336183

**1 EXISTING OVERALL SITE PLAN**

SCALE: 1" = 100' (24x36)  
 SCALE: 1" = 200' (11x17)  
 SCALE IN FEET

**NOTES:**

- CONTRACTOR TO VERIFY ALL EXISTING INFORMATION IS AS INDICATED ON SITE PLAN. CONTRACTOR IS TO ESTABLISH THE EXISTENCE AND LOCATION OF ALL EXISTING OVERHEAD AND UNDERGROUND UTILITIES. IMMEDIATELY NOTIFY THE CONSTRUCTION MANAGER OF ANY DISCREPANCIES.
- CONTRACTOR TO ENSURE THAT ALL FIRSTNET/AT&T EQUIPMENT IS INSTALLED INSIDE FIRSTNET/AT&T'S LEASE AREA INCLUDING BUT NOT LIMITED TO, EQUIPMENT CABINETS, UTILITY CABINETS, H-FRAMES, ETC.
- ANTENNAS NOT SHOWN FOR CLARITY.
- ACCESS WILL BE PROVIDED IN COMPLIANCE WITH PRC 4290.



1903 WRIGHT PLACE, SUITE 140  
CARLSBAD, CA 92008

5005 EXECUTIVE PARKWAY  
SAN RAMON, CA 94583

TOWER ENGINEERING PROFESSIONALS  
4710 E ELWOOD ST. STE 9  
PHOENIX, AZ 85040  
OFFICE: (480) 285-0036  
www.tepgroup.net

**FIRSTNET/AT&T SITE ID:**  
**CCL06249**

**PSTC #: CANC-NLAKE01**  
**HILL ROAD AND PARKWAY**  
**INTERSECTION**

**3275 HILL RD**  
**LAKEPORT, CA 95453**  
**(LAKE COUNTY)**

**PROPOSED 80'-0"**  
**MONOPINE TOWER**

ISSUED FOR:

REV	DATE	DRWN	DESCRIPTION	QA
F	03-24-23	SSO	ZONING	HMMT
G	11-16-23	SSO	ZONING	HMMT
H	11-21-23	CAM	ZONING	HMMT
I	01-11-24	CAM	ZONING	HMMT
J	02-19-24	SLA	ZONING	HMMT

SEAL:

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, TO ALTER THIS DOCUMENT.

SHEET TITLE:  
**COMPOUND LAYOUT**

SHEET NUMBER: **C-1.2**      REVISION: **J**

TEP #: 314197.336183

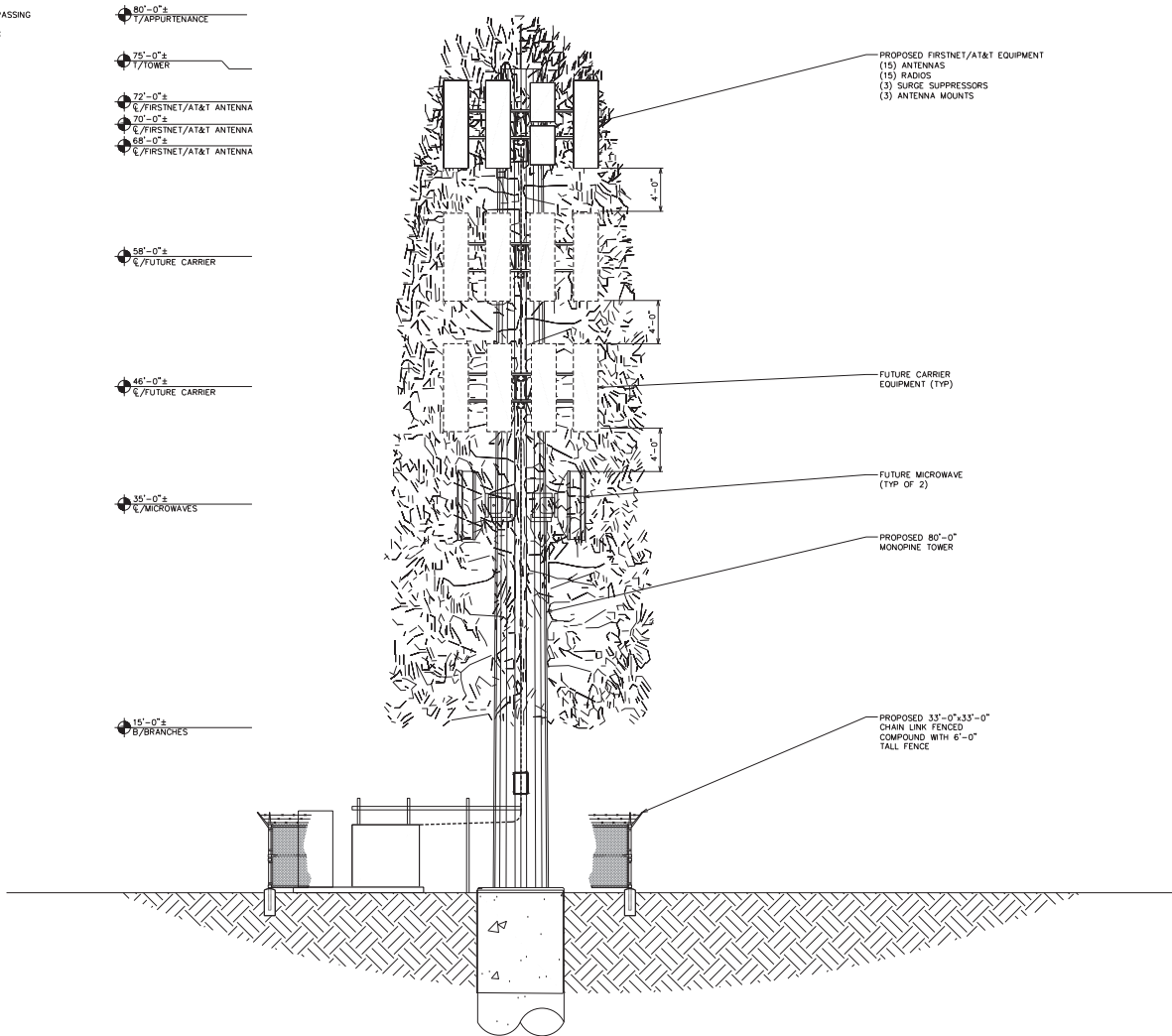
1 FINAL COMPOUND DETAIL

SCALE: 1/8" = 1'-0" (24x36)  
SCALE: 1/8" = 1'-0" (11x17)

SCALE IN FEET

**NOTES:**

1. PROPOSED CABLES TO BE ROUTED PER SPECIFICATIONS OF PASSING STRUCTURAL ANALYSIS.
2. TOWER ELEVATION IS FOR SCHEMATIC PURPOSES ONLY. TEP DID NOT CONFIRM EXISTING SITE CONDITIONS INCLUDING, BUT NOT LIMITED TO, ANTENNA HEIGHTS, ANTENNA AZIMUTHS, AND MOUNT CONFIGURATIONS.
3. CONTRACTOR TO VERIFY PROPOSED LOADING WITH PASSING STRUCTURAL ANALYSIS PRIOR TO CONSTRUCTION. CONTRACTOR TO CONTACT FIRSTNET/AT&T OR PSTC IMMEDIATELY IN THE EVENT OF ANY DISCREPANCIES.



1903 WRIGHT PLACE, SUITE 140  
CARLSBAD, CA 92008



5005 EXECUTIVE PARKWAY  
SAN RAMON, CA 94583



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OFFICE: (480) 285-0036  
www.tepgroup.net

**FIRSTNET/AT&T SITE ID:**  
CCL06249

**PSTC #: CANC-NLAKE01**  
**HILL ROAD AND PARKWAY**  
**INTERSECTION**

**3275 HILL RD**  
**LAKEPORT, CA 95453**  
**(LAKE COUNTY)**

**PROPOSED 80'-0"**  
**MONOPINE TOWER**

**ISSUED FOR:**

REV	DATE	DRWN	DESCRIPTION	QA
F	03-24-23	SSO	ZONING	HMMT
G	11-16-23	SSO	ZONING	HMMT
H	11-21-23	CAM	ZONING	HMMT
I	01-11-24	CAM	ZONING	HMMT
J	02-19-24	SLA	ZONING	HMMT

**SEAL:**



IT IS A VIOLATION OF LAW FOR ANY PERSON,  
UNLESS THEY ARE ACTING UNDER THE DIRECTION  
OF A LICENSED PROFESSIONAL ENGINEER,  
TO ALTER THIS DOCUMENT.

**SHEET TITLE:**

**FINAL ELEVATION**

**SHEET NUMBER:**

**C-2.1**

**REVISION:**

**J**

**TEP #:**

314197.336183

1 **PROPOSED SOUTH ELEVATION**

SCALE: 3/8" = 1'-0" (24x36)

SCALE: 3/32" = 1'-0" (11x17)



SCALE IN FEET



**NOTES:**

1. PROPOSED CABLES TO BE ROUTED PER SPECIFICATIONS OF PASSING STRUCTURAL ANALYSIS.
2. TOWER ELEVATION IS FOR SCHEMATIC PURPOSES ONLY. TEP DO NOT CONFIRM EXISTING SITE CONDITIONS INCLUDING, BUT NOT LIMITED TO, ANTENNA HEIGHTS, ANTENNA AZIMUTHS, AND MOUNT CONFIGURATIONS.
3. CONTRACTOR TO VERIFY PROPOSED LOADING WITH PASSING STRUCTURAL ANALYSIS PRIOR TO CONSTRUCTION. CONTRACTOR TO CONTACT FIRSTNET/AT&T OR PSTC IMMEDIATELY IN THE EVENT OF ANY DISCREPANCIES.

80'-0" ±  
T/APPERTENANCE

75'-0" ±  
T/TOWER

72'-0" ±  
E/FIRSTNET/AT&T ANTENNA

70'-0" ±  
E/FIRSTNET/AT&T ANTENNA

68'-0" ±  
E/FIRSTNET/AT&T ANTENNA

58'-0" ±  
E/FUTURE CARRIER

46'-0" ±  
E/FUTURE CARRIER

35'-0" ±  
E/MICROWAVES

15'-0" ±  
B/BRANCHES

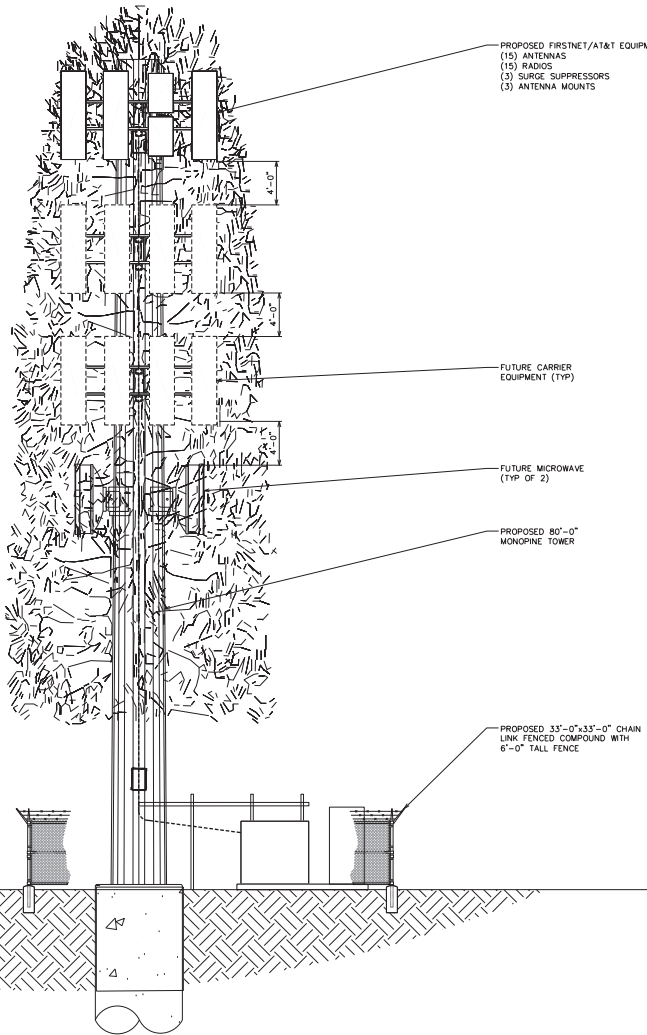
PROPOSED FIRSTNET/AT&T EQUIPMENT  
(15) ANTENNAS  
(15) RADIOS  
(3) SURGE SUPPRESSORS  
(3) ANTENNA MOUNTS

FUTURE CARRIER EQUIPMENT (TYP)

FUTURE MICROWAVE (TYP OF 2)

PROPOSED 80'-0" MONOPINE TOWER

PROPOSED 33'-0" x 33'-0" CHAIN LINK FENCED COMPOUND WITH 6'-0" TALL FENCE



**PUBLIC SAFETY TOWERS COMPANY**  
1903 WRIGHT PLACE, SUITE 140  
CARLSBAD, CA 92008

**AT&T**  
5005 EXECUTIVE PARKWAY  
SAN RAMON, CA 94583

**TOWER ENGINEERING PROFESSIONALS**  
4710 E ELWOOD ST. STE 9  
PHOENIX, AZ 85040  
OFFICE: (480) 285-0036  
www.tepgroup.net

**FIRSTNET/AT&T SITE ID:**  
CCL06249

**PSTC #: CANC-NLAKE01**  
**HILL ROAD AND PARKWAY INTERSECTION**

**3275 HILL RD**  
**LAKEPORT, CA 95453**  
**(LAKE COUNTY)**

**PROPOSED 80'-0" MONOPINE TOWER**

ISSUED FOR:

REV	DATE	DRWN	DESCRIPTION	QA
F	03-24-23	SSO	ZONING	HMMT
G	11-16-23	SSO	ZONING	HMMT
H	11-21-23	CAM	ZONING	HMMT
I	01-11-24	CAM	ZONING	HMMT
J	02-19-24	SLA	ZONING	HMMT

SEAL:

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SHEET TITLE:  
**FINAL ELEVATION**

SHEET NUMBER: **C-2.2**      REVISION: **J**

TEP #: 314197.336183

1 PROPOSED NORTH ELEVATION

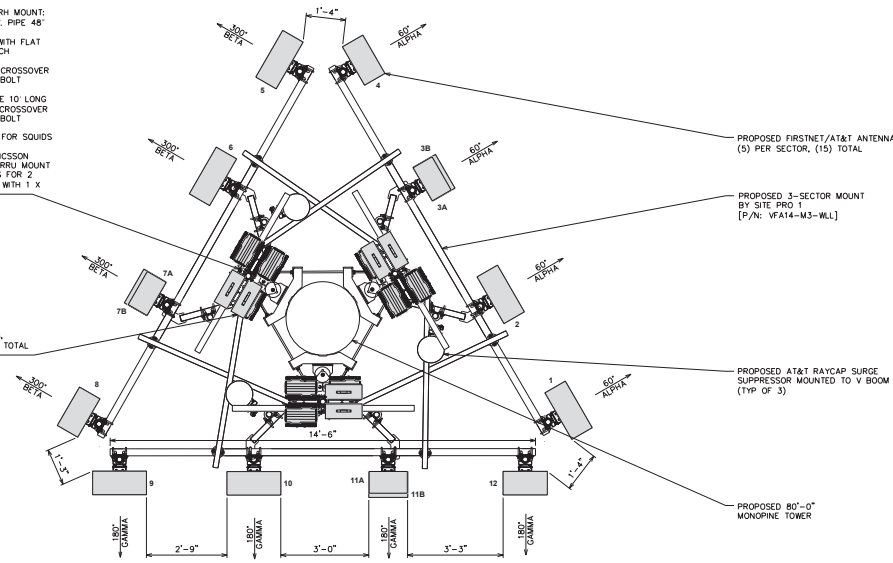
SCALE: 3/8" = 1'-0" (24x36)  
SCALE: 3/32" = 1'-0" (11x17)



**NOTE:**  
TEP DID NOT ANALYZE THE PROPOSED MOUNT SHOWN.

PROPOSED MODIFIED RRH MOUNT:  
4 X 2 3/8 RIGID GALV. PIPE 48" LONG  
4 X 2 3/8 U-BOLTS WITH FLAT LOCK AND NUT ON EACH THREADED END  
4 X 2 3/8 TO 2 3/8 CROSSOVER PLATES WITH DUAL U-BOLT CONNECTION  
1 X 3 1/2" OD RIGID PIPE 10" LONG  
2 X 2 3/8 TO 3 1/2" CROSSOVER PLATES WITH DUAL U-BOLT ATTACHMENT  
1 X STANDOFF MOUNT FOR SQUIDS VC-CP5W  
1 X SXK1250461 / ERICSSON ALUMINUM SING BAND RRH MOUNT  
2 X PIPE TO PIPE KITS FOR 2 3/8 TO 2 3/8 ALONG WITH 1 X 36" PIPE

PROPOSED AT&T RRHS, (5) PER SECTOR, (15) TOTAL MOUNTED TO V BOOM



PROPOSED FIRSTNET/AT&T ANTENNA, (5) PER SECTOR, (15) TOTAL

PROPOSED 3-SECTOR MOUNT BY SITE PRO 1 [P/N: VFA14-M3-WLL]

PROPOSED AT&T RAYCAP SURGE SUPPRESSOR MOUNTED TO V BOOM (TYP OF 3)

PROPOSED 80'-0" MONOPILE TOWER

**1 FINAL ANTENNA LAYOUT**

SCALE: 1/8" = 1'-0" (24x36)  
SCALE: 1/4" = 1'-0" (11x17)  
0 2 4  
SCALE IN FEET

**FINAL ANTENNA/FEEDLINE SCHEDULE**

SECTOR	POS.	MANUFACTURER (MODEL #)	MOUNTING HEIGHT	AZIMUTH (TN)	CABLE SIZE	CABLE LENGTH	OVP/RRH/TMA/DIPLXER [MODEL #]
ALPHA	1	QUINTEL (OD868-3D)	⊕ 70'-0"±	60°	(9) DC POWER TRUNKS (3) FIBER TRUNKS	121'±	(1) RADIO 4478 B12A (1) RADIO 4890 B25/B66 (1) RADIO 4478 B14 (1) RADIO 2012 B39 (1) RADIO 4415 B30 (1) DC9-48-60-24-8C-EV
ALPHA	2	QUINTEL (OD868-3D)	⊕ 70'-0"±	60°			
ALPHA	3A	ERICSSON (AIR6419 B77G)	⊕ 72'-0"±	60°			
ALPHA	3B	ERICSSON (AIR6449 B77M)	⊕ 68'-0"±	60°			
ALPHA	4	QUINTEL (OD868-3D)	⊕ 70'-0"±	60°			
BETA	5	QUINTEL (OD868-3D)	⊕ 70'-0"±	300°			(1) RADIO 4478 B12A (1) RADIO 4890 B25/B66 (1) RADIO 4478 B14 (1) RADIO 2012 B39 (1) RADIO 4415 B30 (1) DC9-48-60-24-8C-EV
BETA	6	QUINTEL (OD868-3D)	⊕ 70'-0"±	300°			
BETA	7A	ERICSSON (AIR6419 B77G)	⊕ 72'-0"±	300°			
BETA	7B	ERICSSON (AIR6449 B77M)	⊕ 68'-0"±	300°			
BETA	8	QUINTEL (OD868-3D)	⊕ 70'-0"±	300°			(1) RADIO 4478 B12A (1) RADIO 4890 B25/B66 (1) RADIO 4478 B14 (1) RADIO 2012 B39 (1) RADIO 4415 B30 (1) DC9-48-60-24-8C-EV
GAMMA	9	QUINTEL (OD868-3D)	⊕ 70'-0"±	180°			
GAMMA	10	QUINTEL (OD868-3D)	⊕ 70'-0"±	180°			
GAMMA	11A	ERICSSON (AIR6419 B77G)	⊕ 72'-0"±	180°			
GAMMA	11B	ERICSSON (AIR6449 B77M)	⊕ 68'-0"±	180°	(1) RADIO 4478 B12A (1) RADIO 4890 B25/B66 (1) RADIO 4478 B14 (1) RADIO 2012 B39 (1) RADIO 4415 B30 (1) DC9-48-60-24-8C-EV		
GAMMA	12	QUINTEL (OD868-3D)	⊕ 70'-0"±	180°			

**2 FINAL ANTENNA SCHEDULE**

SCALE: N.T.S.



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**FIRSTNET/AT&T SITE ID:**  
CCL06249

**PSTC #: CANC-NLAKE01**  
**HILL ROAD AND PARKWAY**  
**INTERSECTION**

**3275 HILL RD**  
**LAKEPORT, CA 95453**  
**(LAKE COUNTY)**

**PROPOSED 80'-0"**  
**MONOPILE TOWER**

**ISSUED FOR:**

REV	DATE	DRWN	DESCRIPTION	QA
F	03-24-23	SSO	ZONING	HMMT
G	11-16-23	SSO	ZONING	HMMT
H	11-21-23	CAM	ZONING	HMMT
I	01-11-24	CAM	ZONING	HMMT
J	02-19-24	SJA	ZONING	HMMT

**SEAL:**



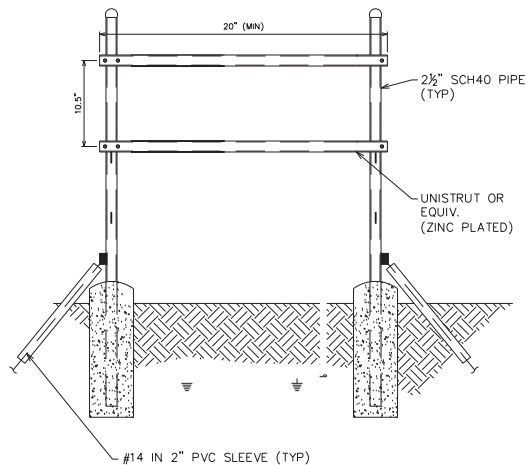
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**SHEET TITLE:**  
**ANTENNA LAYOUT & SCHEDULE**

**SHEET NUMBER:**  
**C-3**

**REVISION:**  
**J**

**TEP #:** 314197.336183

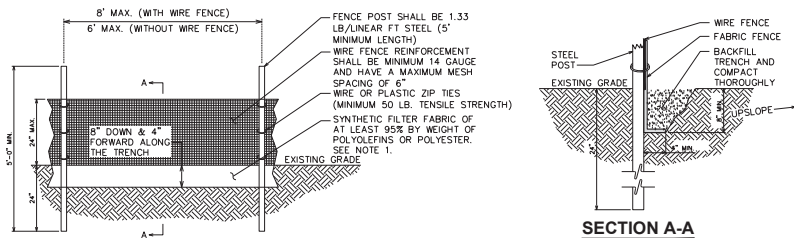


**1 H-FRAME DETAIL**  
SCALE: N.T.S.

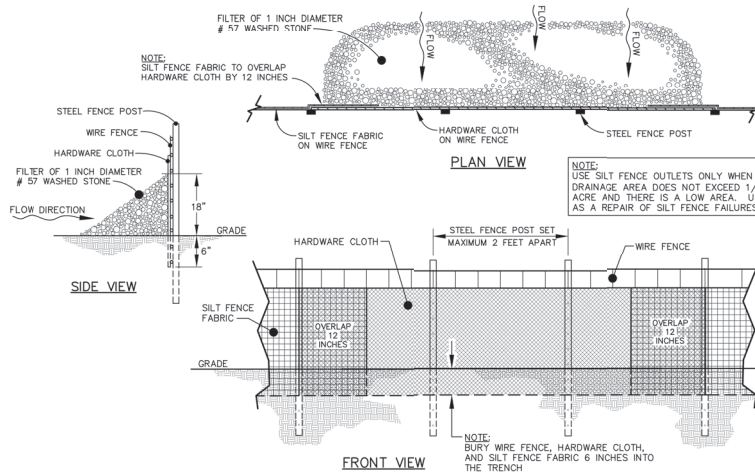
**2 NOT USED**  
SCALE: N.T.S.

**NOTES:**

1. FILTER FABRIC SHALL CONFORM TO THE REQUIREMENTS LISTED IN ASTM D 6461.
2. ENDS OF INDIVIDUAL FILTER FABRIC SHALL BE SECURELY FASTENED AT A SUPPORT POST WITH 4 FEET MINIMUM OVERLAP TO THE NEXT POST.
3. PLACE 12 INCHES OF FABRIC ALONG THE BOTTOM AND SIDE OF THE TRENCH.
4. INSPECT SEDIMENT FENCE(S) AT LEAST ONCE A WEEK AND AFTER EACH RAINFALL.
5. REMOVE SEDIMENT DEPOSITS AS NECESSARY TO PROVIDE ADEQUATE STORAGE VOLUME FOR THE NEXT RAIN AND TO REDUCE PRESSURE ON THE FENCE.
6. AFTER CONSTRUCTION IS COMPLETE, THE CONTRACTOR SHALL REMOVE ALL FENCING MATERIALS AND UNSTABLE SEDIMENT DEPOSITS, BRING THE AREA TO GRADE AND PROPERLY STABILIZE THE SITE.



**3 SILT FENCE DETAILS**  
SCALE: N.T.S.



**4 STANDARD SILT FENCE OUTLET DETAIL**  
SCALE: N.T.S.



**FIRSTNET/AT&T SITE ID:**  
CCL06249

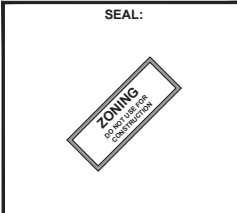
**PSTC #:** CANC-NLAKE01  
**HILL ROAD AND PARKWAY INTERSECTION**

**3275 HILL RD LAKEPORT, CA 95453 (LAKE COUNTY)**

**PROPOSED 80'-0" MONOPINE TOWER**

**ISSUED FOR:**

REV	DATE	DRWN	DESCRIPTION	QA
F	03-24-23	SSO	ZONING	HMMT
G	11-16-23	SSO	ZONING	HMMT
H	11-21-23	CAM	ZONING	HMMT
I	01-11-24	CAM	ZONING	HMMT
J	02-19-24	SLA	ZONING	HMMT



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**SHEET TITLE:**  
CONSTRUCTION DETAILS

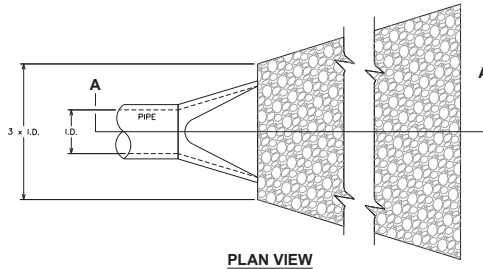
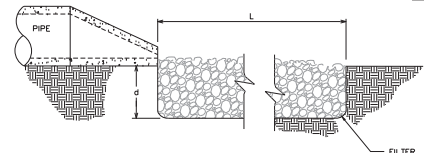
**SHEET NUMBER:** C-4.1  
**REVISION:** J

**TEP #:** 314197.336183

**NOTES:**

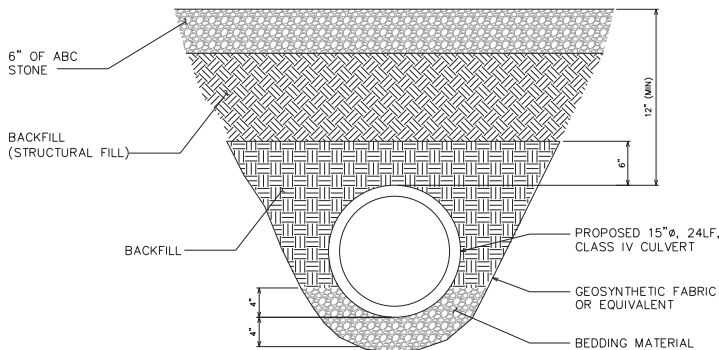
1. L = THE LENGTH OF THE RIPRAP APRON.
2. d = 1.5 TIMES THE MAXIMUM STONE DIAMETER BUT NOT LESS THAN 6" (INCHES).
3. A FILTER BLANKET OR FILTER FABRIC SHOULD BE INSTALLED BETWEEN THE RIPRAP AND SOIL FOUNDATION.

DISSIPATOR PAD SIZING					
RIP-RAP APRON NO.	CULVERT DIAMETER (IN)	WIDTH (FT)	LENGTH (FT)	DEPTH (IN)	D <sub>50</sub> (IN)
1	15	4	5	18	6



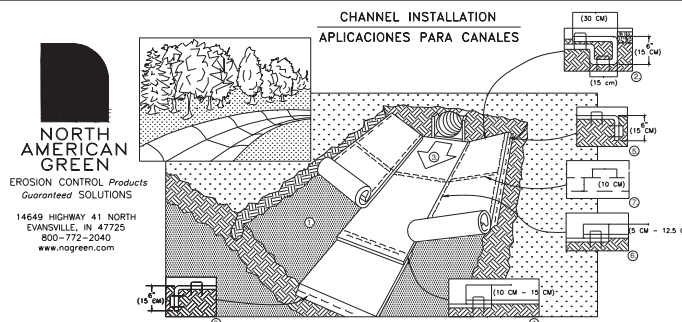
**1 DISSIPATOR PAD DETAILS**

SCALE: N.T.S.

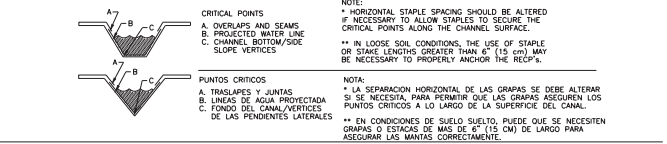


**2 CULVERT DETAIL**

SCALE: N.T.S.



1. PREPARE SOIL BEFORE INSTALLING ROLLED EROSION CONTROL PRODUCTS (RECP'S), INCLUDING ANY NECESSARY APPLICATION OF LIME, FERTILIZER, AND SEED. NOTE: WHEN USING CELL-O-SEED DO NOT SEED PREPARED AREA. CELL-O-SEED MUST BE INSTALLED WITH PAPER SIDE DOWN.
2. BEGIN AT THE TOP OF THE CHANNEL BY ANCHORING THE RECP'S IN A 6" (15 CM) DEEP X 6" (15 CM) WIDE TRENCH WITH APPROXIMATELY 12" (30 CM) APART IN THE EXTENDED BEYOND THE UP-SLOPE PORTION OF THE TRENCH. ANCHOR THE RECP'S WITH A ROW OF STAPLES/STAKES APPROXIMATELY 12" (30 CM) APART IN THE BOTTOM OF THE TRENCH. BACKFILL AND COMPACT THE TRENCH AFTER STAPLING. APPLY SEED TO COMPACTED SOIL AND FOLD REMAINING 12" (30 CM) PORTION OF RECP'S BACK OVER SEED AND COMPACTED SOIL. A RECURVE RECP'S OVER COMPACTED SOIL WITH A ROW OF STAPLES/STAKES SPACED APPROXIMATELY 12" (30 CM) ACROSS THE WIDTH OF THE RECP'S.
3. ROLL CENTER RECP'S IN DIRECTION OF WATER FLOW IN BOTTOM OF CHANNEL. RECP'S WILL UNROLL WITH APPROPRIATE SLOPE AGAINST THE SOIL SURFACE. ALL RECP'S MUST BE SECURELY FASTENED TO SOIL SURFACE BY PLACING STAPLES/STAKES AT APPROPRIATE LOCATIONS AS SHOWN IN THE STAPLE PATTERN GUIDE. WHEN USING THE DOT SYSTEM, STAPLES/STAKES SHOULD BE PLACED THROUGH EACH OF THE COLORED DOTS CORRESPONDING TO THE APPROPRIATE STAPLE PATTERN.
4. PLACE CONSECUTIVE RECP'S END OVER END (SINGLE STYLE) WITH A 4" - 6" (10 CM - 15 CM) OVERLAP. USE A DOUBLE ROW OF STAPLES STAGGERED 4" (10 CM) APART AND 4" (10 CM) ON CENTER TO SECURE RECP'S.
5. FULL LENGTH EDGE OF RECP'S AT TOP OF SIDE SLOPES MUST BE ANCHORED WITH A ROW OF STAPLES/STAKES APPROXIMATELY 12" (30 CM) APART IN A 6" (15 CM) DEEP X 6" (15 CM) WIDE TRENCH. BACKFILL AND COMPACT THE TRENCH AFTER STAPLING.
6. ADJACENT RECP'S MUST BE OVERLAPPED APPROXIMATELY 2" - 5" (5 CM - 12.5 CM) (DEPENDENT ON RECP'S TYPE) AND STAPLED.
7. IN HIGH FLOW CHANNEL APPLICATIONS, A STAPLE CHECK SLOT IS RECOMMENDED AT 30 TO 40 FOOT (9 M - 12 M) INTERVALS. USE A DOUBLE ROW OF STAPLES STAGGERED 4" (10 CM) APART AND 4" (10 CM) ON CENTER OVER ENTIRE WIDTH OF THE CHANNEL.
8. THE TERMINAL END OF THE RECP'S MUST BE ANCHORED WITH A ROW OF STAPLES/STAKES APPROXIMATELY 12" (30 CM) APART IN A 6" (15 CM) DEEP X 6" (15 CM) WIDE TRENCH. BACKFILL AND COMPACT THE TRENCH AFTER STAPLING.



1. PREPARE EL SUELO DE COLOCAR LAS MANTAS, INCLUYENDO LA APLICACION DE CAL, FERTILIZANTE SEMILLA. NOTA: CUANDO ESTE USANDO CELL-O-SEED NO SIEMPRE EL AREA PREPARADA. CELL-O-SEED TIENE QUE INSTALARSE CON EL LADO DE PAPER HACIA ATRÁS.
  2. COMIENCE EN LA CABECERA DEL CANAL SUJETANDO LA MANTA EN UNA ZANJA DE 6" (15 CM) DE PROFUNDIDAD POR 6" (15 CM) DE ANCHO CON APROXIMADAMENTE 12" (30 CM) DE LA MANA ESTENDIDA MAS ALLA DE LA PENDIENTE ALTA DE LA ZANJA. SUJETE, RELLENE Y COMPACTE LA ZANJA DESPUES DEL ENGRAPE. REGULE LA SEMILLA EN EL SUELO COMPACTADO Y DOBLE LAS 12" (30 CM) REMANENTES DE MANTA SOBRE LA SEMILLA Y EL SUELO COMPACTADO. ASEGURE LA MANTA SOBRE EL SUELO CON UNA LINEA DE GRAPAS O ESTACAS APROXIMADAMENTE 12" (30 CM) UNA DE LA OTRA A TRAVES DEL ANCHO DE LA MANTA.
  3. DESENLLELE LA MANTA DEL MEDIO EN LA DIRECCION DEL FLUJO DE AGUA CON EL LADO APROPIADO HACIA LA SUPERFICIE DEL SUELO. TODAS LAS MANTAS DEBERAN ADECUARSE A LA SUPERFICIE DEL SUELO POR MEDIO DE GRAPAS O ESTACAS EN LUGARES APROPIADOS TAL Y COMO SE INDICA EN EL PATRON GUIA DE ENGRAPE. CUANDO ESTE USANDO EL DOT SYSTEM, LAS GRAPAS O ESTACAS DEBERN COLOCARSE A TRAVES DE CADA UNO DE LOS PUNTOS CON COLOR CORRESPONDIENTES AL PATRON DE ENGRAPE APROPIADO.
  4. COLOQUE LAS MANTAS CONSECUTIVAS BORDE SOBRE BORDE (TIPO ESCALONADO) CON UN TRASLAPPE DE 4" - 6" (10 CM - 15 CM). USE UNA LINEA DOBLE DE GRAPAS ESCALONADAS, SEPARADAS POR 4" (10 CM) Y CADA 4" (10 CM) SOBRE EL CENTRO PARA ASEGURAR LAS MANTAS.
  5. EN EL TOP DE LAS DOS PENDIENTES LATERALES DEL CANAL, SE DEBE SUJETAR TODO EL LARGO DE LA ORILLA DE LAS MANTAS CON UNA LINEA DE GRAPAS O ESTACAS APROXIMADAMENTE CADA 12" (30 CM) UNA DE LA OTRA EN UNA ZANJA DE 6" (15 CM) DE PROFUNDIDAD POR 6" (15 CM) DE ANCHO. RELLENE Y COMPACTE LA ZANJA DESPUES DEL ENGRAPE.
  6. LAS MANTAS ADYACENTES DEBEN TRASLAPARSE APROXIMADAMENTE DE 2" - 5" (5 CM - 12.5 CM) (DEPENDIENDO DEL TIPO DE MANTA) Y ENGRAPARSE.
  7. EN APLICACIONES PARA CANALES DE FLUJO ALTO, SE RECOMIENDA DEJAR UNA BANERA PARA EL CHEQUEO DE LAS GRAPAS A INTERVALOS DE 30 A 40 PIES (9 M - 12 M). USE UNA LINEA DOBLE DE GRAPAS ESCALONADAS, SEPARADAS POR 4" (10 CM) Y CADA 4" (10 CM) SOBRE EL CENTRO A TRAVES DE TODO EL ANCHO DEL CANAL.
  8. LOS BORDES FINALES DE LAS MANTAS DEBEN SUJETARSE CON UNA LINEA DE GRAPAS O ESTACAS APROXIMADAMENTE CADA 12" (30 CM) UNA DE LA OTRA EN UNA ZANJA DE 6" (15 CM) DE PROFUNDIDAD POR 6" (15 CM) DE ANCHO. RELLENE Y COMPACTE DESPUES DEL ENGRAPE.
- NOTE:  
\* EN CONDICIONES DE SUELO, PUEDE QUE SE NECESITEN GRAPAS O ESTACAS DE MAS DE 6" (15 CM) DE LARGO PARA ASEGURAR LAS MANTAS CORRECTAMENTE. REV. 01/05

**3 EROSION CONTROL MATTING DETAIL**

SCALE: N.T.S.

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**FIRSTNET/AT&T SITE ID: CCL06249**

**PSTC #: CANC-NLAKE01**  
**HILL ROAD AND PARKWAY INTERSECTION**

**3275 HILL RD**  
**LAKEPORT, CA 95453**  
**(LAKE COUNTY)**

**PROPOSED 80'-0" MONOPINE TOWER**

ISSUED FOR:

REV	DATE	DRWN	DESCRIPTION	QA
F	03-24-23	SGO	ZONING	HMMT
G	11-16-23	SGO	ZONING	HMMT
H	11-21-23	CAM	ZONING	HMMT
I	01-11-24	CAM	ZONING	HMMT
J	02-19-24	SLA	ZONING	HMMT

**SEAL:**

**ZONING**  
Professional Engineer  
No. 11200

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**SHEET TITLE:**  
**CONSTRUCTION DETAILS**

**SHEET NUMBER:**  
**C-4.2**

**REVISION:**  
**J**

**TEP #:** 314197.336183

## 2.2 System Configuration

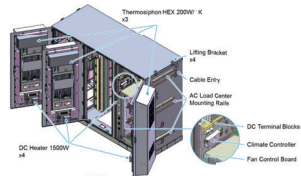
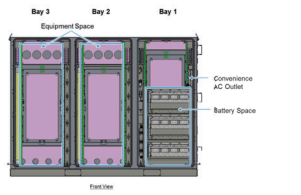


Figure 2-2 Multi-Bay Cabinet (Front View)

Installation and Operation Manual

13

## 2.3 Cabinet Specifications

The cabinet is arranged for installation of a Delta or third-party AC Load Center and front access DC Power System. Table 2-1 below contains the input power specifications.

Item	Specification/Function
<b>AC Input Range</b>	
AC Input Voltage	1W-N+FG 100-120V <sub>ac</sub>
AC Input Current (maximum)	12A (Max.)
AC Input Frequency	50/60Hz
<b>DC Input Range</b>	
DC Input Voltage	40 - 60V <sub>dc</sub> (54V typical)
DC Input Current Rating	224A (max)
<b>Battery Section</b>	
Battery Trays	(3) Trays arranged for -48V battery strings, designed for: GNB Marathon M12V180FT EnerSys SBS190F EnerSys SBS170F
<b>Climate Control</b>	
Control & Supervisor Unit	Delta controller
Cooling	(3) 200W/K Thermosphon HEX Cooling Capacity 9.1kW Maintains equipment inlet <65°C with exterior ambient <46°C
Heating	(4) 1500W DC Heaters
<b>Environmental</b>	
Operating Temperature	-40°C to +46°C (-40°F to +115°F)
Storage Temperature	-40°C to +75°C (-40°F to +167°F)
Relative Humidity	0-95% Relative Humidity, Non-Condensing
Altitude	-100 feet to +10,000 feet
Acoustic noise	≤ 65dBA @ +40°C equipment inlet
Protection Class	IP55 (EN 60529) NEBS III (GR-467)

14

Installation and Operation Manual

## 2.4 Dimensions and Weight

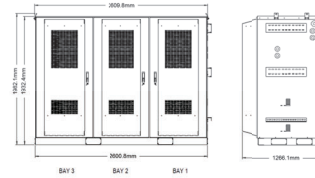


Figure 2-3 Cabinet Dimensions

Item	Specification/Function
Dimensions/Weight	2600.8W x 1932.4H x 1266.1D mm (102" W x 72" H x 49.5" D = 4" plinth)
Weight	2270P lbs. ( Includes Power System and Load Equipment excluded)

Installation and Operation Manual

15

## 3.6 Cabinet Installation

Use the following steps to install the cabinet.

Step 1 Use the provided Template to mark anchor hole locations.



Figure 3-11 Mounting Template

Step 2 Drill anchor holes per specifications from the anchor manufacturer.

Step 3 Install anchors per instructions from the anchor manufacturer.



Figure 3-12 Insert anchors

Step 4 Place the pad separator (not provided) on the concrete pad aligned with the mounting holes. (A pad separator provides separation between the concrete pad and the base of the cabinet to prevent corrosion of the cabinet metal.)

Step 5 Mount the cabinet to the concrete pad with anchor bolts, lock washers and flat washers (not provided) per instructions from the anchor manufacturer.

Step 6 Close and secure hinged anchor access covers.

20

Installation and Operation Manual

## 3.8 AC Load Center Installation

The cabinet provides mounting rails for AC Load Center mounting and corresponding cable entry ports for wiring from the AC Load Center into the cabinet. Follow Load Center requirements for installation.

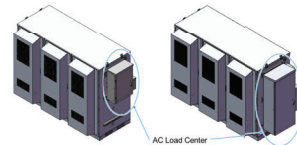


Figure 3-16 Cabinet with AC Load Center

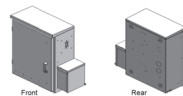


Figure 3-17 AC Load Center - MTR

Installation and Operation Manual

29

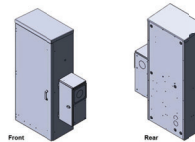


Figure 3-18 AC Load Center - ATS

**Note!** The cabinet provides mounting rails and AC cable entry ports arranged for mounting of Intersect PTL-C-MTS-1200-CL or equivalent AC Load Center. An AC Load Center and related fittings are not provided with the cabinet and must be provided as integration or site materials.

Use the following steps to install the Load Center on the cabinet:

Step 1 Provide suitable sealed fittings from the AC Load Center for entry into the Cabinet. Install on the Load Center before installing the Load Center onto the Cabinet. Delta recommends using Size 2" x 4" Inq outdoor rated pipe nipples and sealing conduct nuts (not provided).

Step 2 Provide Intersect PTL-C-MTS-1200-CL or equivalent AC Load Center. Secure the Load Center to mounting rails per Load Center vendor instructions.

Step 3 Secure and seal fittings from the AC Load Center to its entry ports on the cabinet.

Step 4 Confirm the Site Utility and Load Center Main AC Inp. breakers are in the 'off' position.

Step 5 Connect Site Utility 2W+N+G to the Load Center per Load Center vendor instructions, NEC, and local codes.

**Note!** Detailed AC Load Center position planning should include future equipment additions and changes.

30

Installation and Operation Manual



FIRSTNET/AT&T SITE ID:  
CCL06249

PSTC #: CANG-NLAKE01  
HILL ROAD AND PARKWAY  
INTERSECTION

3275 HILL RD  
LAKEPORT, CA 95453  
(LAKE COUNTY)

PROPOSED 80'-0"  
MONOPINE TOWER

ISSUED FOR:

REV	DATE	DRWN	DESCRIPTION	QA
F	03-24-23	SGO	ZONING	HMMT
G	11-16-23	SGO	ZONING	HMMT
H	11-21-23	CAM	ZONING	HMMT
I	01-11-24	CAM	ZONING	HMMT
J	02-19-24	SLA	ZONING	HMMT

SEAL:



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SHEET TITLE:  
WALK-UP-CABINET  
DETAILS

SHEET NUMBER: **C-5** REVISION: **J**

TEP #: 314197.336183

1 3-BAY WALK-UP-CABINET (WUC) DETAIL  
SCALE: N.T.S.



connect@alpinepowersystems.com  
877-993-8855



[Click to view product web page](#)



# PowerSafe® SBS Front Terminal

Telecommunications NEBS™ Certified

## Battery Range Summary

The PowerSafe® SBS® Front Terminal battery further extends the technical leadership of PowerSafe SBS battery product line: not only do PowerSafe SBS Front Terminal monoblocs retain the benefits typically associated with Thin Plate Pure Lead (TPPL) Technology such as long life, high energy density, superior shelf life, etc., they also deliver exceptional cyclic performance in both float and fast charge applications, even in the hottest and harshest operating environments.

Where conventional Valve Regulated Lead Acid (VRLA)/Absorbed Glass Mat (AGM) batteries struggle to cope with harsh conditions and frequent power outages, cutting edge (TPPL) technology makes PowerSafe 12V batteries the perfect solution for the challenging operating conditions of today's telecommunication networks.

PowerSafe SBS batteries are designed to high quality standards and a unique manufacturing methods means superior energy and power, high performance and proven reliability, there is no substitute to PowerSafe SBS Front Terminal batteries.

### Features and Benefits

- Capacity range 31-190Ah
- 12V monobloc configurations
- Multiple string configurations available
- Two year shelf life
- SR4228 compliant
- Proven long service life
- High energy density and cycling capability



Publication No: US-SBSF-RS-004 - January 2014

### Construction

- Robust positive plates are designed to prolong service life and enhance corrosion resistance
- Separators are low resistance microporous (AGM). The electrolyte is absorbed within the AGM, preventing acid spills in case of accidental damage
- Container and cover in flame retardant UL94-V0 material, highly resistant to shock and vibration
- Terminals are stainless steel front access with top access copper alloy insert. Top and front access terminations provide maximum conductivity
- Self-regulating one way pressure relief valves prevents ingress of atmospheric oxygen

### Installation and Operation

- Space efficient footprint
- VRLA design, reduces maintenance requirements
- Lifting handles for easy handling
- Greater than 10 year life expectancy in float service at 77°F (25°C)
- Increased active material surface area yields great cycling capability
- Operating temperature: -40°F (-40°C) to 122°F (50°C)  
Recommended temperature: 68°F (20°C) to 86°F (30°C)

### Standards

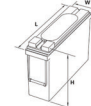
- Meets criteria for "non-spillable" batteries
- Complies with Telcordia® SR-4228, Network Equipment Building System (NEBS™) Criteria Levels
- The management systems governing the manufacture of this product are ISO 9001:2008 and ISO 14001:2004 certified

### General Specifications

Cell Type	Nominal Capacity (Ah)		Nominal Dimensions						Weight - Volumes	
	10 hr rate to 1.80Vpc @20°C	8 hr rate to 1.75Vpc @77°F	Length mm	Width mm	Height mm	in	mm	lbs	kg	
SBS B8F	31	31	11.9	303	3.8	97	6.3	119	22.7	10.3
SBS B10F	38	38	11.9	303	3.8	97	7.2	164	28.2	12.8
SBS B14F	62	62	11.9	303	3.8	97	10.4	264	42.0	19.1
SBS C11F	92	91	16.4	417	4.1	105	10.1	266	61.6	28.0
SBS 100F	100	100	15.6	395	4.3	108	11.3	267	71.9	32.6
SBS 112F	112	112	22.1	561	4.9	125	9.0	228	90.4	41.1
SBS 145F	145	145	17.9	455	6.8	173	9.4	228	105.0	47.7
SBS 165F	165	165	17.9	455	6.8	173	10.8	273	117.4	53.3
SBS 170F	170	170	22.1	561	4.9	125	11.1	263	115.7	52.5
SBS 190F	190	190	22.1	561	4.9	125	12.4	316	132.3	60.0



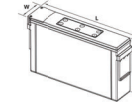
SBS B8F-B14F



SBS C11F



SBS 100F-112F



SBS 145F-190F

MANUFACTURER:	ALPINE POWER SYSTEMS
MODEL:	POWERSAFE SBS 190F
BATTERY QTY.:	8 UNITS
TOTAL BATTERY KWH:	18.24
TOTAL BATTERY WEIGHT (KG/LBS):	480 / 1058.4
TOTAL ELECTROLYTE VOLUME (GAL):	18.72
TOTAL ELECTROLYTE WEIGHT (KG/LBS):	129.5 / 285.4



1903 WRIGHT PLACE, SUITE 140  
CARLSBAD, CA 92008



5005 EXECUTIVE PARKWAY  
SAN RAMON, CA 94583



TOWER ENGINEERING PROFESSIONALS  
4710 E ELWOOD ST. STE 9  
PHOENIX, AZ 85040  
OFFICE: (480) 285-0036  
www.tepgroup.net

FIRSTNET/AT&T SITE ID:  
CCL06249

PSTC #: CANC-MLAKE01  
HILL ROAD AND PARKWAY  
INTERSECTION

3275 HILL RD  
LAKEPORT, CA 95453  
(LAKE COUNTY)

PROPOSED 80'-0"  
MONOPIE TOWER

### ISSUED FOR:

REV	DATE	DRWN	DESCRIPTION	QA
F	03-24-23	SGO	ZONING	HMMT
G	11-16-23	SGO	ZONING	HMMT
H	11-21-23	CAM	ZONING	HMMT
I	01-11-24	CAM	ZONING	HMMT
J	02-19-24	SLA	ZONING	HMMT

### SEAL:



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### SHEET TITLE:

BATTERY DETAILS

### SHEET NUMBER:

C-7

### REVISION:

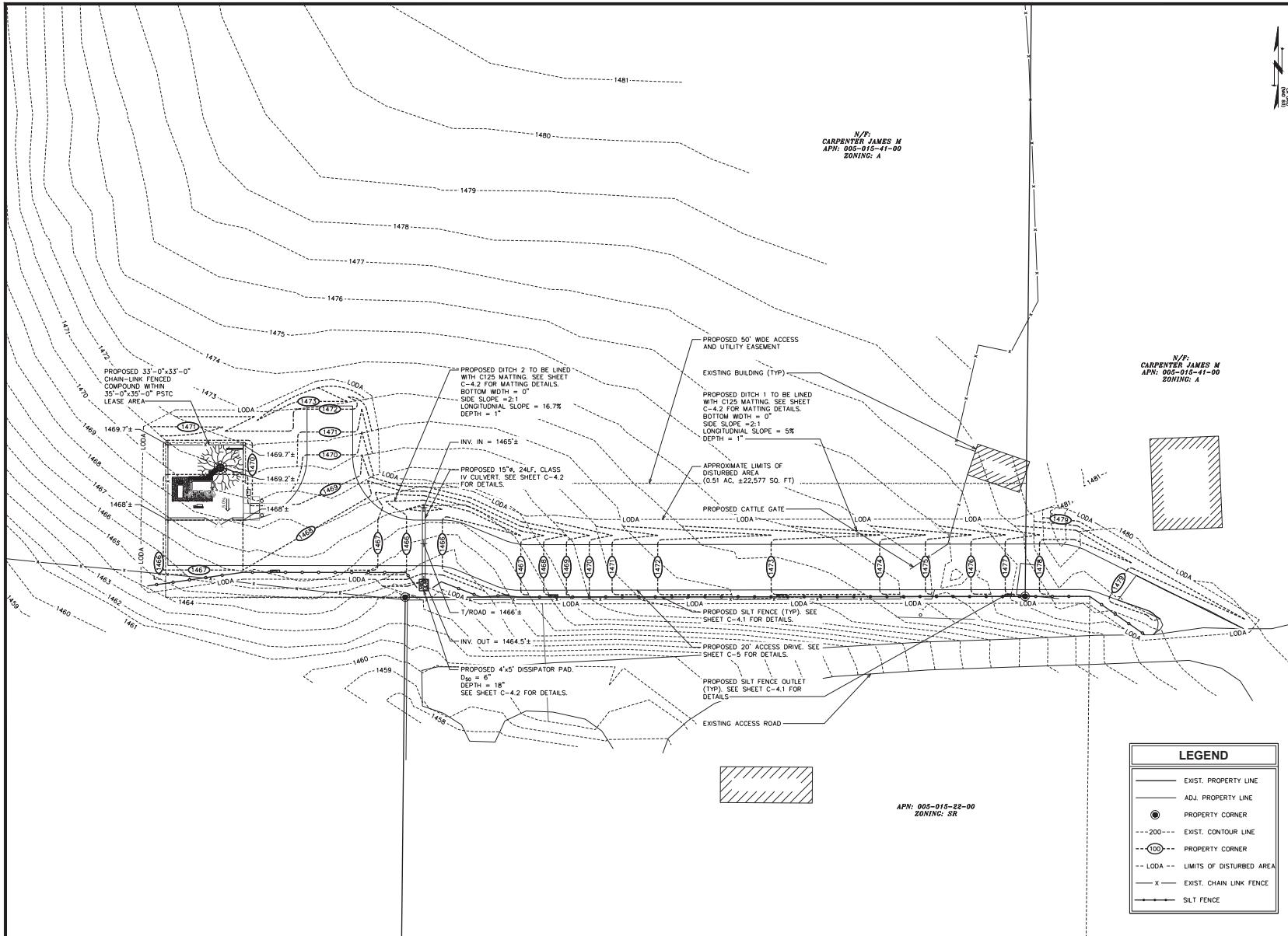
J

### TEP #:

314197.336183

### 1 PROPOSED BATTERY DETAILS

SCALE: N.T.S.



**PUBLIC SAFETY TOWERS COMPANY**  
 1903 WRIGHT PLACE, SUITE 140  
 CARLSBAD, CA 92008

**AT&T**  
 5005 EXECUTIVE PARKWAY  
 SAN RAMON, CA 94583

**TOWER ENGINEERING PROFESSIONALS**  
 4710 E ELWOOD ST. STE 9  
 PHOENIX, AZ 85040  
 OFFICE: (480) 285-0036  
 www.tepgroup.net

**FIRSTNET/AT&T SITE ID:**  
 CCL06249

**PSTC #: CANC-NLAKE01**  
**HILL ROAD AND PARKWAY INTERSECTION**

**3275 HILL RD**  
**LAKEPORT, CA 95453**  
**(LAKE COUNTY)**

**PROPOSED 80'-0\"/>**

**ISSUED FOR:**

REV	DATE	DRWN	DESCRIPTION	QA
F	03-24-23	SSO	ZONING	TRMMT
G	11-16-23	SSO	ZONING	TRMMT
H	11-21-23	CAM	ZONING	TRMMT
I	01-11-24	CAM	ZONING	TRMMT
J	02-19-24	SLA	ZONING	TRMMT

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**SHEET TITLE:**  
**EROSION CONTROL PLAN**

**SHEET NUMBER:**  
**C-8**

**REVISION:**  
**J**

**TEP #:** 314197.336183

**LEGEND**

—	EXIST. PROPERTY LINE
- - -	ADJ. PROPERTY LINE
●	PROPERTY CORNER
- - - - -	EXIST. CONTOUR LINE
○	PROPERTY CORNER
- - - - -	LIMITS OF DISTURBED AREA
x - - -	EXIST. CHAIN LINK FENCE
—	SILT FENCE

**1 EROSION CONTROL PLAN**

SCALE: 1" = 20' (24x36)  
 SCALE: 1" = 40' (11x17)

SCALE IN FEET

APN: 005-015-22-00  
 ZONING: SR

N/P:  
 CARPENTER JAMES M  
 APN: 005-015-41-00  
 ZONING: A

N/P:  
 CARPENTER JAMES M  
 APN: 005-015-41-00  
 ZONING: A





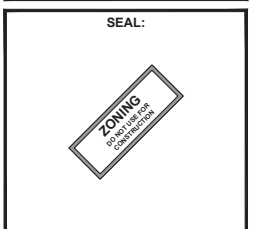
**FIRSTNET/AT&T SITE ID:**  
CCL06249

**PSTC #:** CANC-NLAKE01  
HILL ROAD AND PARKWAY  
INTERSECTION

3275 HILL RD  
LAKEPORT, CA 95453  
(LAKE COUNTY)

**PROPOSED 80'-0"**  
**MONOPIE TOWER**

REV	DATE	DRWN	DESCRIPTION	QA
F	03-24-23	SSO	ZONING	HMMT
G	11-16-23	SSO	ZONING	HMMT
H	11-21-23	CAM	ZONING	HMMT
I	01-11-24	CAM	ZONING	HMMT
J	02-19-24	SJA	ZONING	HMMT



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**SHEET TITLE:**  
**AC PANEL SCHEDULE**

**SHEET NUMBER:** E-1 **REVISION:** J

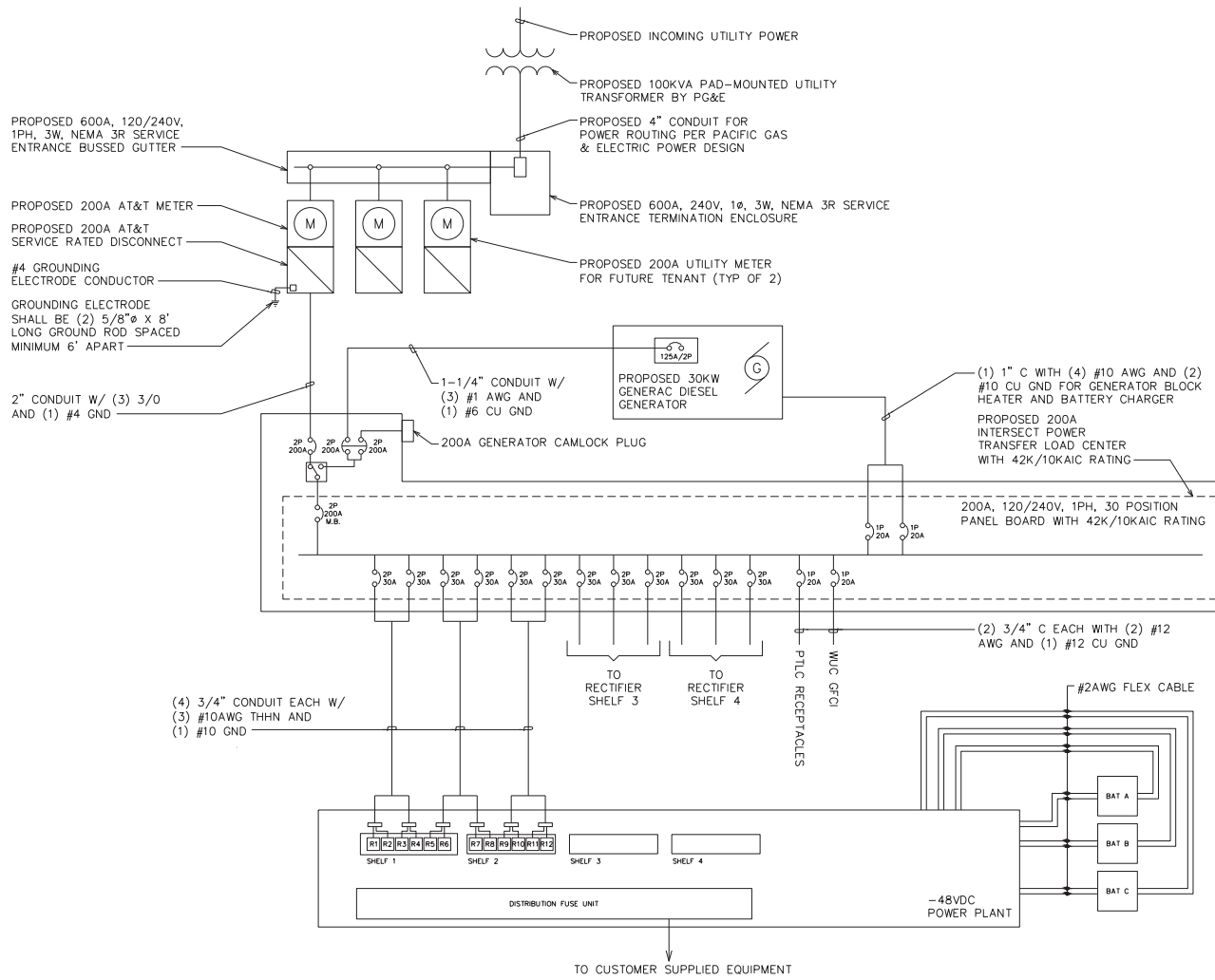
**TEP #:** 314197.336183

AC POWER PANEL A (PROPOSED)											
120/240 VOLTS, 1-PHASE, 3-WIRE, 200A											
MAIN BREAKER RATING (A) :				200		SYSTEM VOLTAGE (V) :				240	
DESCRIPTION	VA	c/nc	BKR	POSN	L1	L2	POSN	BKR	c/nc	VA	DESCRIPTION
RECTIFIERS #1 & 2	1410	c	30/2	1	2820		2	30/2	c	1410	RECTIFIERS #3 & 4
	1410	c		3		2820	4		c	1410	
RECTIFIERS #5 & 6	1410	c	30/2	5	2820		6	30/2	c	1410	RECTIFIERS #7 & 8
	1410	c		7		2820	8		c	1410	
RECTIFIERS #9 & 10	1410	c	30/2	9	2820		10	30/2	c	1410	RECTIFIERS #11 & 12
	1410	c		11		2820	12		c	1410	
SPARE / OFF	0	nc	30/2	13	0		14	30/2	nc	0	SPARE / OFF
	0	nc		15		0	16		nc	0	
SPARE / OFF	0	nc	30/2	17	0		18	30/2	nc	0	SPARE / OFF
	0	nc		19		0	20		nc	0	
SPARE / OFF	0	nc	30/2	21	0		22	30/2	nc	0	SPARE / OFF
	0	nc		23		0	24		nc	0	
BLANK				25	1000		26	20/1	nc	1000	*GEN BLOCK HEATER
BLANK				27		650	28	20/1	nc	650	*GEN BATT CHARGER
PTLC RECEPTACLES	720	nc	20/1	29	900		30	20/1	nc	180	WUC GFCI
<b>PHASE TOTALS (VA):</b>					<b>10360</b>	<b>9110</b>					
<b>PHASE TOTALS (A):</b>					<b>86</b>	<b>76</b>					
CURRENT PER PHASE W/ 125% Continuous Loads(A):					104	94	Amperes/phase cannot exceed main breaker rating				
PANEL TOTAL (VA):					19470		Legend: c = continuous, nc = non-continuous				
PANEL TOTAL W/ 125% Continuous Loads (VA):					23700						
TOTAL LOAD FOR GEN OPERATION:					17820		*Generator loads are not in operation while generator is running				

PROPOSED LOADING = 23.7 KVA

**GENERAL NOTES:**

- CONTRACTOR SHALL VERIFY AVAILABLE FAULT CURRENT WITH POWER COMPANY AND ENSURE ALL ELECTRICAL EQUIPMENT IS SUITABLE FOR AVAILABLE FAULT CURRENT.
- CONTRACTOR SHALL COORDINATE UTILITY SERVICES WITH LOCAL UTILITY COMPANIES. VERIFY ALL REQUIREMENTS WITH UTILITY COMPANY STANDARDS.
- ONE-LINE DIAGRAM IS FOR SCHEMATIC PURPOSES ONLY AND IS NOT INDICATIVE OF THE ACTUAL EQUIPMENT LAYOUT.
- CONTRACTOR SHALL LABEL METER SOCKET WITH SERVICE OWNER NAMEPLATE WITH 5" HEIGHT MINIMUM LETTERS.
- CONTRACTOR TO DETERMINE AVAILABLE FAULT CURRENT BEFORE ENERGIZING EQUIPMENT. THE AMOUNT OF AVAILABLE FAULT CURRENT SHALL BE MARKED ON THE SERVICE EQUIPMENT PER NEC 110.24.
- CONTRACTOR WILL NOTIFY UTILITY COMPANY OF CHANGES IN ELECTRICAL LOAD.



**FIRSTNET/AT&T SITE ID:**  
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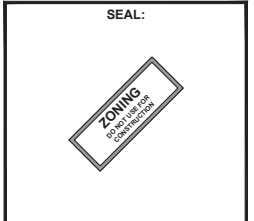
**PSTC #: CANG-NLAKE01**  
**HILL ROAD AND PARKWAY INTERSECTION**

**3275 HILL RD**  
**LAKEPORT, CA 95453**  
**(LAKE COUNTY)**

**PROPOSED 80'-0"**  
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ISSUED FOR:

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**SHEET TITLE:**  
**ONE-LINE DIAGRAM**

**SHEET NUMBER:**  
**E-2**

**REVISION:**  
**J**

**TEP #:** 314197.336183

**1 ONE-LINE DIAGRAM**  
SCALE: N.T.S.