

Exhibit B

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DRAFT RESOLUTION

Before the Planning Commission in and for the County of Monterey, State of California

In the matter of the application of:

CHURCH (AT&T MOBILITY) (PLN180544)

RESOLUTION NO. ---

Resolution by the Planning Commission to:

- 1) Consider the Addendum with the previously adopted Negative Declaration pursuant to Section 15164 of the CEQA Guidelines; and
- 2) Approve an Amendment to Use Permit (PC-7890) to allow the installation of new wireless equipment, and increase the height to the existing Crown Castle monopole facility by 10 feet (from approximately 41 feet to approximately 51 feet).

PLN180544, Church (AT&T), 17114 Cachagua Road, Carmel Valley, Cachagua Area Plan (APN: 197-161-037-000).

The Church (AT&T Mobility) (PLN180544) application for an Amendment to a Use Permit was presented at a public hearing before the Monterey County Planning Commission on May 8, 2019. Having considered all the written and documentary evidence, the administrative record, the staff report, oral testimony and other evidence presented, the Planning Commission decides as follows:

FINDINGS

1. **FINDING:** **CONSISTENCY** – The Amendment to Use Permit (PC-7890, Resolution No. 92-005), as conditioned, is consistent with the applicable plans and policies which designate this area as appropriate for the operation of a wireless communication facility.

EVIDENCE: a) During the course of review of this application, the subject project has been reviewed for consistency with the text, policies, and regulations in:

- Monterey County General Plan;
- Monterey County Zoning Ordinance (Title 21); and
- Cachagua Area Plan.

No conflicts were found to exist. No communications were received during the course of review of the project indicating any inconsistencies with the text, policies, and regulations related in these documents.

- b) The subject project is located at 17114 Cachagua Road, Carmel Valley, (Assessor's Parcel Number 197-161-037-000), Cachagua Area Plan. The parcel is zoned Residential Rural Density/20 acres per unit ("RDR/20"). The project application is for the installation of new wireless antennas, support radio equipment and a height increase to an existing wireless communication monopole facility. The project entitlement for this project is an Amendment to a previously approved Use Permit (PC-7890 Resolution No. 92-005). Wireless

communication facilities must meet the requirements contained in Section 21.64.310 of the Monterey County Zoning Ordinance (Title 21). Therefore, a wireless communication facility is an allowed use in the RDR zoning district subject to a Use Permit in Section 21.16.050 NN of the Monterey County Zoning Ordinance (Title 21).

- c) On January 8, 1992, the Planning Commission approved a Combined Development Permit (PC-7890, Resolution No. 92-005) that approved the installation of a new wireless communication facility and 40-foot high communication monopole facility. This project was located on Parcel 2, Los Tularcitos Rancho (Assessor's Parcel Number 197-161-037-000), the current location for this proposed project application. The project location was zoned RDR/20 that allowed for special uses under Public/Quasi-Public ("PQP") uses. PQP allowed the expansion of a public utility service use (cellular coverage). The approved project included 12 conditions of approval placed on the wireless communication facility project. Under condition No. 6, additions or changes proposed for the wireless communication facility are required to be approved by the Planning Commission,
- d) The subject project was reviewed by the Cachagua Land Use Advisory Committee (LUAC) on Wednesday, February 27, 2019, pursuant to the current review guidelines adopted by the Monterey County Board of Supervisors per Resolution No. 04-236. The LUAC recommended approval of the subject project, with changes, by a 4-0 vote with one member absent. Based on public comment, the Cachagua LUAC recommended back-up equipment to protect against service outages, and painting the tower green or covering it with non-reflective materials. RMA has included a condition to paint the tower and/or apply non-reflective materials (**Condition No. 7**).
- e) The subject project application, plans, and related support materials submitted by the project applicant to the Monterey County RMA Planning Department are found in Project File PLN180544.

2. **FINDING:**

SITE SUITABILITY – The site is physically suitable for the use proposed.

EVIDENCE:

- a) The subject project application (PLN180544) proposes the installation of new wireless communication equipment and the increase in height of the existing monopole to approximately 51 feet. The proposed installations will not change the nature of the existing use and the criteria contained in Chapter 21.64.310.
- b) The subject project site is located within a high archeological sensitivity area. An archeological report was not required for this project as the project consists of the replacement of existing wireless equipment and height addition to an existing monopole facility. No land disturbance is proposed.
- c) The subject project has been reviewed for site suitability by the following departments and agencies: RMA-Planning, RMA-Public Works, RMA-Environmental Services, RMA-Environmental Health Bureau and Cachagua Fire Protection District. There has been no indication from these departments/agencies that the site is not suitable for the proposed development. Recommended conditions of approval from these departments/agencies have been incorporated.

- d) The project planner conducted a site visit on April 23, 2019 to verify that the project site is suitable for the use involved and proposed plans.
 - e) The subject project application, project plans, and related support materials submitted by the project applicant to Monterey County RMA-Planning for the proposed development are found in project file PLN180544.
3. **FINDING:** **WIRELESS COMMUNICATION FACILITY** – The subject project, as conditioned, is consistent with the regulations for the siting, design, and construction of wireless communication facilities as provided in Section 21.64.310 of the Monterey County Zoning Ordinance (Title 21).
- EVIDENCE:**
- a) The subject project involves the new installation of wireless communication equipment and an increase in height to the existing, Crown Castle monopole facility. The existing monopole (with wireless support equipment) is located at 17114 Cachagua Road, Carmel Valley (Assessor's Parcel Number 197-161-037-000. The existing wireless communication facility and monopole facility is located in a rural setting surrounded by oak trees, shrubs and heavy vegetation. The monopole facility is not visible from Cachagua Road and Carmel Valley Road.
 - b) The amendment to the Use Permit would allow the monopole to increase in height by 10 feet (approximately 41 feet to approximately 51 feet). The added height is minimal in this case and will not significantly increase visibility of the monopole from the surrounding area. The small increase to the height of the monopole facility is consistent with the purpose of the regulations for the siting, design, and construction of wireless communication facilities contained in Section 21.64.310 of the zoning ordinance, Title 21. e appropriate use of siting and screening to protect the visual integrity of the area, and it avoids disturbance to existing topography
 - c) The site is capable of supporting the proposed addition to the wireless facility. A building permit is required to ensure that building codes and structural requirements are met. Impacts on the surrounding area and environment are avoided and minimized and the added height will provide additional wireless services throughout the Carmel Valley and Cachagua community.
 - d) The proposed addition to the height of the wireless facility complies with the General Development Standards contained in Section 21.64.310.H. This standard specifies including replacement of an existing facility without increasing the number of facilities, avoidance of impacts to vegetation and habitat, and minimization of visual impacts through screening and covered materials, and construction of the facilities with non-flammable materials.
 - e) There are no known violations on the property (See Finding 5).
- 4 **FINDING:** **HEALTH AND SAFETY** - The establishment, maintenance, or operation of the subject project applied for will not under the circumstances of this particular case be detrimental to the health, safety, peace in the neighborhood of such proposed use, or be detrimental or injurious to property and improvements in the neighborhood or to the general welfare of the County.

- EVIDENCE:**
- a) As proposed, the installation of new wireless equipment would not require any water or public facilities on the project site.
 - b) Once the wireless equipment and monopole facility is completed, the project will conduct routine maintenance/inspection on a periodic basis, once a month. Access to the proposed project by AT&T Mobility personnel will be 24 hours, 7 days of the week to ensure that technical support is immediately available if and when warranted.
 - c) There is no change or intensification of the existing use of the site. The facility is required to comply with electromagnetic frequency exposure limits of the Federal Communications Commission (FCC) for field strength and power density.

5. **FINDING:** **NO VIOLATIONS** - The subject property is in compliance with all rules and regulations pertaining to zoning uses, subdivision, and any other applicable provisions of the County's zoning ordinance. No violations exist on the property.

- EVIDENCE:**
- a) Staff reviewed Monterey County RMA-Planning and RMA-Building Services records and is not aware of any violations existing on subject property.

6. **FINDING:** **CEQA (Addendum)** - An Addendum to a previously adopted Negative Declaration (ND) was prepared pursuant to Code of Regulations, Title 14, Section 15164 to reflect changes or additions in the project that do not cause substantial changes or new information that would require major revisions to the adopted ND.

- EVIDENCE:**
- a) An ND for the GTE Mobilnet project application was prepared and adopted by the Planning Commission on January 8, 1992 (File Number PC-7890, Resolution No. 92-005).
 - b) An Addendum to the GTE Mobilnet project ND was prepared pursuant to Code of Regulations, Title 14, Section 15164 of the CEQA Guidelines.
 - c) The Addendum to the ND and attached as **Exhibit H** to the May 8, 2019, Planning Commission staff report reflects the County's independent judgment and analysis.
 - d) Pursuant to Section 15164 of the CEQA Guidelines, some changes or additions to the project are necessary, but none of the conditions described in Section 15162 calling for preparation of a subsequent ND have occurred.
 - e) Pursuant to Section 15162 of the CEQA Guidelines, there are no substantial changes proposed in the project that would require major revisions to the prior ND. The amendment allows for a 10 foot increase in the height of the previously analyzed project (PC-7890). The height increase represents a minor change in the project description which does not require substantial revisions to the previously adopted ND and will not result in new or substantially more severe impacts from what was previously analyzed.
 - f) Pursuant to Section 15162 of the CEQA Guidelines, there are no substantial changes with respect to the circumstances under which the project is undertaken that would require major revisions to the prior ND. The project will remain in the same location and will continue to be screened from visibility within the vicinity.
 - g) Pursuant to Section 15162 of the CEQA Guidelines, there is no new information of substantial importance that was not known at the time

the ND was adopted. During the course of review of the project, no new information of substantial importance has been identified.

7. FINDING:

APPEALABILITY – The decision on this project may be appealed to the Monterey County, Board of Supervisors.

EVIDENCE: a)

Section 21.80.040.D of the Monterey County Zoning Ordinance, Title 21, states that the proposed project is appealable to the Board of Supervisors.

DECISION

NOW, THEREFORE, based on the above findings and evidence, the Planning Commission does hereby:

- A. Consider the Addendum with the previously adopted Negative Declaration pursuant to Section 15164 of the CEQA Guidelines and;
- B. Approve an Amendment to Use Permit (PC-7890) to allow the installation of new wireless equipment, and increase the height to the existing Crown Castle monopole facility by 10 feet (from approximately 41 feet to approximately 51 feet), in general conformance with the attached plans and subject to 10 conditions of approval, all being attached hereto and incorporated herein by reference.

PASSED AND ADOPTED this 8th day of May 2019 upon motion of Commissioner_____, seconded by Commissioner_____, by the following vote:

AYES:

NOES:

ABSENT:

ABSTAIN:

Brandon Swanson, Planning Commission Secretary

COPY OF THIS DECISION MAILED TO APPLICANT ON _____.

THIS APPLICATION IS APPEALABLE TO THE PLANNING COMMISSION.

IF ANYONE WISHES TO APPEAL THIS DECISION, AN APPEAL FORM MUST BE COMPLETED AND SUBMITTED TO THE SECRETARY OF THE PLANNING COMMISSION ALONG WITH THE APPROPRIATE FILING FEE ON OR BEFORE_____.

This decision, if this is the final administrative decision, is subject to judicial review pursuant to California Code of Civil Procedure Sections 1094.5 and 1094.6. Any Petition for Writ of Mandate must be filed with the Court no later than the 90th day following the date on which this decision becomes final.

NOTES

- 1. You will need a building permit and must comply with the Monterey County Building Ordinance in every respect.

Additionally, the Zoning Ordinance provides that no building permit shall be issued, nor any use conducted, otherwise than in accordance with the conditions and terms of the permit granted or until ten days after the mailing of notice of the granting of the permit by the appropriate authority, or after granting of the permit by the Board of Supervisors in the event of appeal.

Do not start any construction or occupy any building until you have obtained the necessary permits and use clearances from Monterey County RMA-Planning and RMA-Building Services Department office in Salinas.

2. This permit expires three (3) years after the above date of granting thereof unless construction or use is started within this period.

Monterey County RMA Planning

DRAFT Conditions of Approval/Implementation Plan/Mitigation Monitoring and Reporting Plan

PLN180544

1. PD001 - SPECIFIC USES ONLY

Responsible Department: RMA-Planning

Condition/Mitigation Monitoring Measure: This Amendment to Use Permit PC-7890, Resolution No. 92-005 allows for an addition to increase the height of the "Crown Castle" wireless telecommunications facility monopole from approximately 41 feet to 51 feet on the John P. Church property. The property is located at 17114 Cachagua Road, Carmel Valley (Assessor's Parcel Number 197-161-037-000), Cachagua Area Plan. This permit was approved in accordance with County ordinances and land use regulations subject to the terms and conditions described in the project file. Neither the uses nor the construction allowed by this permit shall commence unless and until all of the conditions of this permit are met to the satisfaction of the RMA Chief of Planning. Any use or construction not in substantial conformance with the terms and conditions of this permit is a violation of County regulations and may result in modification or revocation of this permit and subsequent legal action. No use or construction other than that specified by this permit is allowed unless additional permits are approved by the appropriate authorities. To the extent that the County has delegated any condition compliance or mitigation monitoring to the Monterey County Water Resources Agency, the Water Resources Agency shall provide all information requested by the County and the County shall bear ultimate responsibility to ensure that conditions and mitigation measures are properly fulfilled. (RMA - Planning)

Compliance or Monitoring Action to be Performed: The Owner/Applicant shall adhere to conditions and uses specified in the permit on an ongoing basis unless otherwise stated.

2. PD002 - NOTICE PERMIT APPROVAL

Responsible Department: RMA-Planning

Condition/Mitigation Monitoring Measure: The applicant shall record a Permit Approval Notice. This notice shall state:
"An Amendment to Use Permit PC-7890, Resolution No. 92-005 was approved by the Monterey County Planning Commission for Assessor's Parcel Number 197-161-037-000 on May 8, 2019. The permit was granted subject to 10 conditions of approval which run with the land. A copy of the permit is on file with Monterey County RMA - Planning."

Proof of recordation of this notice shall be furnished to the RMA Chief of Planning prior to issuance of building permits or commencement of use, whichever occurs first and as applicable. (RMA - Planning)

Compliance or Monitoring Action to be Performed: Prior to the issuance of building permits or commencement of use, whichever occurs first and as applicable, the Owner/Applicant shall provide proof of recordation of this notice to the RMA - Planning.

3. PD039(A) - WIRELESS INDEMNIFICATION

Responsible Department: RMA-Planning

Condition/Mitigation Monitoring Measure: The applicant agrees as a condition and in consideration of the approval of the Amendment to Use Permit PC-7890, Resolution No. 92-005 shall enter into an indemnification agreement with the County whereby the applicant agrees to defend, indemnify, and hold harmless the County, its officers, agents and employees from actions or claims of any description brought on account of any injury or damages sustained by any person or property resulting from the issuance of the permit and conduct of the activities authorized under said permit. Applicant shall obtain the permission of the owner on which the wireless communication facility is located to allow the recordation of said indemnification agreement, and the applicant shall cause said indemnification agreement to be recorded by the County Recorder as a prerequisite to the issuance of the building and/or grading permit. The County shall promptly notify the applicant of any such claim, action, or proceeding and the County shall cooperate fully in the defense thereof. The County may, at its sole discretion, participate in the defense of such action, but such participation shall not relieve applicant of its obligations under this condition. (RMA - Planning)

Compliance or Monitoring Action to be Performed: Prior to the issuance of building permits, the Owner/Applicant shall submit signed and notarized Indemnification Agreement to the Director of RMA-Planning for review and signature by the County.

Prior to the issuance of building permits, the Owner/Applicant shall submit proof of recordation of the Indemnification Agreement, as outlined, to RMA-Planning.

4. PD003(A) - CULTURAL RESOURCES NEGATIVE ARCHAEOLOGICAL REPORT

Responsible Department: RMA-Planning

Condition/Mitigation Monitoring Measure: During the course of construction and/or installation, whichever occurs first, if cultural, archaeological, historical or paleontological resources are uncovered at the site (surface or subsurface resources) work shall be halted immediately within 50 meters (165 feet) of the find until a qualified professional archaeologist can evaluate it. Monterey County RMA - Planning and a qualified archaeologist (i.e., an archaeologist registered with the Register of Professional Archaeologists) shall be immediately contacted by the responsible individual present on-site. When contacted, the project planner and the archaeologist shall immediately visit the site to determine the extent of the resources and to develop proper mitigation measures required for recovery. (RMA - Planning)

Compliance or Monitoring Action to be Performed: The Owner/Applicant shall adhere to this condition on an on-going basis.

Prior to the issuance of building permits the Owner/Applicant shall include requirements of this condition as a note on all building plans. The note shall state "Stop work within 50 meters (165 feet) of uncovered resource and contact Monterey County RMA - Planning and a qualified archaeologist immediately if cultural, archaeological, historical or paleontological resources are uncovered."

When contacted, the project planner and the archaeologist shall immediately visit the site to determine the extent of the resources and to develop proper mitigation measures required for the discovery.

5. PD025 - ANTENNA TOWER HEIGHT

Responsible Department: RMA-Planning

Condition/Mitigation Monitoring Measure: The tower shall not exceed 51 feet in height. (RMA - Planning)

Compliance or Monitoring Action to be Performed: Prior to the issuance of Amendment to Use Permit, the applicant shall submit 2 copies of an elevation plan which shall indicate the maximum height of the tower to RMA - Planning for review and approval.

Prior to final building inspection, the Owner/Applicant shall coordinate with RMA - Planning staff to inspect the project site after construction to ensure compliance with condition.

6. PD026 - BANNER, FLAGS, PENNANTS

Responsible Department: RMA-Planning

Condition/Mitigation Monitoring Measure: There shall be no flags, banners, pennants or other attention-getting devices, other than approved signs, on the property. (RMA - Planning)

Compliance or Monitoring Action to be Performed: Prior to commencement of use, the Owner/Applicant shall submit evidence which demonstrates that there are no flags, banners, pennants, or other attention-getting devices, other than approved signs, on the property.

On an on-going basis, the Owner/Applicant shall keep the property free of flags, banners, pennants, or other attention-getting devices, and only maintain approved signs on the property.

7. PD039(B) - WIRELESS REDUCE VISUAL IMPACTS

Responsible Department: RMA-Planning

Condition/Mitigation Monitoring Measure: The applicant shall agree to provide adequate screening, design, and/or color schemes for the wireless communication facility and equipment to reduce visual impacts to the surrounding area. The screening, design, and/or color scheme shall be reviewed and approved by the RMA Chief of Planning.

The design, color (s) and materials of the Crown Castle wireless telecommunications facility monopole shall be natural tone colors and shall be painted a color (s) and/or non-reflective material (s) to blend with the natural environment. Any modification to the wireless communication facility monopole design, color scheme (s) and/or non-reflective material (s) shall be reviewed and approved by the RMA Planning Department before they are changed. (RMA-Planning Department)

The applicant shall agree in writing that if future technological advances allow for reducing the visual impacts of the telecommunication facility, the applicant shall make modifications to the facility to reduce the visual impact as part of the facility's normal replacement schedule (RMA-Planning).

Compliance or Monitoring Action to be Performed: Prior to the issuance of building permits, the Owner/Applicant shall submit, in writing, a declaration agreeing to comply with the terms of this condition RMA - Planning for review and approval.

8. PD039(C) - WIRELESS CO-LOCATION

Responsible Department: RMA-Planning

Condition/Mitigation Monitoring Measure: The applicant and/or successors assigned shall encourage co-location by other wireless carriers on this tower assuming appropriate permits are approved for co-location. Any expansion or additions of microwave dishes, antennas and/or similar appurtenances located on the monopole, which are not approved pursuant to this Amendment to Use Permit PC-7890, Resolution No. 92005 are not allowed unless the appropriate authority approves additional permits or waivers. In any case, the overall height of the pole shall not exceed 51 feet in height. (RMA - Planning)

Compliance or Monitoring Action to be Performed: On an on-going basis, the Owner/Applicant shall encourage co-location by other wireless carriers on this tower assuming appropriate permits are approved for co-location.

9. PD039(D) - WIRELESS REMOVAL

Responsible Department: RMA-Planning

Condition/Mitigation Monitoring Measure: If the applicant abandons the facility or terminates the use, the applicant shall remove the monopole, panel antennas, and equipment shelter. Upon such termination or abandonment, the applicant shall enter into a site restoration agreement subject to the approval of the RMA Chief of Planning and County Counsel. The site shall be restored to its natural state within six (6) months of the termination of use or abandonment of the site.
(RMA - Planning)

Compliance or Monitoring Action to be Performed: Prior to abandoning the facility or terminating the use, the Owner/Applicant shall submit a site restoration agreement to RMA- Planning subject to the approval of the RMA Chief of Planning of Planning and County Counsel.

Within 6 months of termination of use or abandonment of the site, the Owner Applicant shall restore the site to its natural state.

10. PD039(E) - WIRELESS EMISSION

Responsible Department: RMA-Planning

Condition/Mitigation Monitoring Measure: The facility must comply with Federal Communications Commission (FCC) emission standards. If the facility is in violation of FCC emission standards, the Director of RMA - Planning shall set a public hearing before the Appropriate Authority whereupon the appropriate authority may, upon a finding based on substantial evidence that the facility is in violation of the then existing FCC emission standards, revoke the permit or modify the conditions of the permit. (RMA - Planning)

Compliance or Monitoring Action to be Performed: Prior to commencement of use and on an on-going basis, the Owner/Applicant shall submit documentation demonstrating compliance with the FCC emission standards to the Director of RMA-Planning for review and approval.

On an on-going basis, if the facility is in violation of FCC emission standards, the Director of RMA-Planning shall set a public hearing before the Appropriate Authority to consider revocation or modification of the permit.



SITE NUMBER: CCL05083

FA NUMBER: 13787527

WLL 1C MRSFR030945, LTE 2C MRSFR049828

LTE 3C MRSFR049835, LTE 4C MRSFR049849

eNODE B MRSFR049860

PTN# 3701A0H9GZ, PTN# 3701A0H9GG

PTN# 3701A0H9FG, PTN# 3701A06S0Q, PTN# 3701A0H9FV

SITE NAME: BUCK MOUNTAIN COLO

17114 CACHAGUA ROAD

CARMEL VALLEY, CA 93924

ENGINEERING

2016 CALIFORNIA BUILDING CODE
2016 CALIFORNIA TITLE 24
2016 CALIFORNIA FIRE CODE
2016 CALIFORNIA ENERGY CODE
2016 CALIFORNIA MECHANICAL CODE
TIA/EIA-222-F OR LATEST EDITION

GENERAL NOTES

THE FACILITY IS UNMANNED AND NOT FOR HUMAN HABITATION. A TECHNICIAN WILL VISIT THE SITE AS REQUIRED FOR ROUTINE MAINTENANCE. THE PROJECT WILL NOT RESULT IN ANY SIGNIFICANT DISTURBANCE OR EFFECT ON DRAINAGE; NO SANITARY SEWER SERVICE, POTABLE WATER, OR TRASH DISPOSAL IS REQUIRED AND NO COMMERCIAL SIGNAGE IS PROPOSED.

SITE INFORMATION

PROPERTY OWNER: CHURCH JOHN P
ADDRESS: P.O. BOX 1029
CARMEL VALLEY, CA 93924

TOWER LANDLORD: CROWN CASTLE
ADDRESS: 4301 HACIENDA DRIVE, STE 410
PLEASANTON, CA 94588

APPLICANT: AT&T
ADDRESS: 5001 EXECUTIVE PARKWAY,
SAN RAMON, CALIFORNIA 94583

LATITUDE (NAD 83): 36° 26' 37.63" N
LONGITUDE (NAD 83): 121° 41' 48.16" W
LONGITUDE/LATITUDE TYPE: NAD 83
GROUND ELEVATION: ±1469.5' AMSL
APN #: 197-161-037
ZONING JURISDICTION: COUNTY OF MONTEREY
CURRENT ZONING: -
POWER COMPANY: PG&E
TELCO COMPANY: AT&T
PROPOSED USE: UNMANNED TELECOM FACILITY
LEASE AREA (SF): (P) 130.5 SQ. FT.

PROJECT TEAM

PROJECT MANAGER: A&E:
VINCULUMS INTELOCITY, LLC
575 LENNON LN # 125 1875 CORONADO AVE,
WALNUT CREEK, CA 94596 SIGNAL HILL, CALIFORNIA 90755
CONTACT: MICHELE PHIPPEN CONTACT: SAM VANN
PH: (925) 895-3734 PH: 562-230-3519
EMAIL: MPHIPPEN@VINCULUMS.COM

SITE ACQUISITION: ZONING:
TSJ CONSULTING INC. TSJ CONSULTING INC.
31878 DEL OBISPO ST. 31878 DEL OBISPO ST.
STE # 118-454 STE # 118-454
SAN JUAN CAPISTRANO, CA 92675 SAN JUAN CAPISTRANO, CA 92675
CONTACT: TOM JOHNSON CONTACT: TOM JOHNSON
MOBILE: (925) 785-3727 MOBILE: (925) 785-3727

RF ENGINEER:
AT&T
5001 EXECUTIVE PARKWAY,
SAN RAMON, CALIFORNIA 94583

CONSTRUCTION MANAGER:
VINCULUMS
575 LENNON LN # 125
WALNUT CREEK, CA 94596
CONTACT: FLOYD GREEN
PH: (480) 528-1927
EMAIL: FGREEN@VINCULUMS.COM

VICINITY MAP



DRIVING DIRECTIONS

DIRECTIONS FROM AT&T OFFICE:
5001 EXECUTIVE PARKWAY, SAN RAMON, CALIFORNIA 94583, GET ON I-680 S FROM BOLLINGER CANYON RD, HEAD NORTHEAST ON BISHOP DR TOWARD SUNSET DR, TURN RIGHT ONTO SUNSET DR, USE THE RIGHT 2 LANES TO TURN RIGHT ONTO BOLLINGER CANYON RD, USE THE RIGHT LANE TO MERGE ONTO I-680 S VIA THE RAMP TO SAN JOSE, FOLLOW I-680 S AND US-101 S TO W LAUREL DR IN SALINAS. TAKE EXIT 330 FROM US-101 S, MERGE ONTO I-680 S, USE THE RIGHT 3 LANES TO MERGE ONTO US-101 S TOWARD LOS ANGELES, TAKE EXIT 330 FOR LAUREL DR, TAKE N DAVIS RD, CA-68 W, LAURELES GRADE AND W CARMEL VALLEY RD TO BUCK MOUNTAIN RD, TURN RIGHT ONTO W LAUREL DR, USE THE LEFT 2 LANES TO TURN LEFT ONTO N DAVIS RD, TURN LEFT ONTO RESERVATION RD, CONTINUE ONTO RIVER RD, TURN RIGHT TO MERGE ONTO CA-68 W TOWARD MONTEREY, TURN LEFT ONTO LAURELES GRADE, TURN LEFT ONTO W CARMEL VALLEY RD, TURN RIGHT ONTO CACHAGUA RD, CONTINUE STRAIGHT ONTO BUCK MOUNTAIN RD, 5 BUCK MOUNTAIN RD.

ZONING DRAWING

IF USING 11"X17" PLOT, DRAWINGS WILL BE HALF SCALE

PROJECT DESCRIPTION

AT&T WIRELESS PROPOSES MAKING MODIFICATION TO AN EXISTING FACILITY CONSISTING OF THE FOLLOWING:

- INSTALL (1) (P) 9'-6" HIGH MONOPOLE EXTENSION.
- INSTALL (12) (P) PANEL ANTENNAS.
- INSTALL (21) (P) RRUS, NEAR ANTENNAS.
- INSTALL (4) (P) SURGE PROTECTION.
- INSTALL (1) (P) WIC WITH (P) CONCRETE SLAB.
- INSTALL (1) (P) 30KW GENERATOR ON (P) CONCRETE SLAB.
- INSTALL (1) (P) GPS ANTENNA ON (P) WIC.
- INSTALL UNDERGROUND CONDUIT FOR POWER AND TELCO SERVICE.

DRAWING INDEX

SHEET NO:	
T-1	TITLE SHEET
C-1	SITE SURVEY
C-2	SITE SURVEY
A-1	SITE PLAN
A-2	ENLARGED SITE PLAN AND EQUIPMENT PLANS
A-3	EXISTING AND PROPOSED ANTENNA LAYOUTS
A-4	ELEVATIONS
A-5	ELEVATIONS
D-1	GENERATOR CUT SHEETS

DO NOT SCALE DRAWINGS

SUBCONTRACTOR SHALL VERIFY ALL PLANS & EXISTING DIMENSIONS & CONDITIONS ON THE JOB SITE & SHALL IMMEDIATELY NOTIFY THE ENGINEER IN WRITING OF ANY DISCREPANCIES BEFORE PROCEEDING WITH THE WORK OR BE RESPONSIBLE FOR SAME.



**UNDERGROUND
SERVICE ALERT OF
NORTHERN CALIFORNIA**
800-642-2444

48 HOURS BEFORE YOU DIG



5001 EXECUTIVE PARKWAY,
SAN RAMON, CA 94583



575 Lennon Ln #125
Walnut Creek, CA 94598

PLANS PREPARED BY:

INTELOCITY
DESIGN | BUILD | INNOVATE

1875 Coronado Ave
Signal Hill, CA 90755

A NUWAVE COMPANY

REV	DATE	DESCRIPTION	INT
4	02/05/19	REVISED ZDs	GCA
3	12/05/18	REVISED ZDs	BC
2	09/05/18	CLIENT COMMENTS	KD
1	08/20/18	100% ZONING DRAWINGS	MM
0	08/07/18	90% ZONING DRAWINGS	MM

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.

CCL05083
BUCK MOUNTAIN COLO
17114 CACHAGUA ROAD
CARMEL VALLEY, CA 93924
MONOPOLE/INDOOR

SHEET TITLE

TITLE SHEET

SHEET NUMBER

T-1

NOTES

OWNER(S): JOHN CHURCH
APNS: 197-161-037

THIS DRAWING DOES NOT REPRESENT A BOUNDARY SURVEY OF ANY PARCEL OF LAND, NOR DOES IT IMPLY OR INFER THAT A BOUNDARY SURVEY WAS PERFORMED. THIS IS A SPECIALIZED TOPOGRAPHIC MAP WITH PROPERTY AND EASEMENTS BEING A GRAPHIC DEPICTION BASED ON INFORMATION GATHERED FROM VARIOUS SOURCES OF RECORD AND AVAILABLE MONUMENTATION. PROPERTY LINES AND LINES OF TITLE WERE NEITHER INVESTIGATED NOR SURVEYED AND SHALL BE CONSIDERED APPROXIMATE ONLY. NO PROPERTY MONUMENTS WERE SET.

THE EASEMENTS (IF ANY) THAT APPEAR ON THIS MAP HAVE BEEN PLOTTED BASED SOLELY ON INFORMATION CONTAINED IN THE CONDITION OF TITLE GUARANTEE BY: XXXXX XXXXXXXX TITLE INSURANCE COMPANY, GUARANTEE NO. XXXXX-XX-XXXXXX-XX, DATED XXXXXXXX X, XXXX. WITHIN SAID TITLE REPORT THERE ARE XXXX (X) EXCEPTIONS LISTED, XXXX (X) OF WHICH ARE EASEMENTS AND XXX (X) OF WHICH CAN NOT BE PLOTTED.

THE UNDERGROUND UTILITIES (IF ANY) THAT APPEAR ON THIS MAP HAVE BEEN LOCATED BY FIELD OBSERVATION. THE SURVEYOR MAKES NO GUARANTEE THAT THE UNDERGROUND UTILITIES SHOWN COMPRISE ALL SUCH UTILITIES IN THE AREA, EITHER IN SERVICE OR ABANDONED. THE SURVEYOR FURTHER DOES NOT WARRANT THAT THE UNDERGROUND UTILITIES SHOWN ARE IN THE EXACT LOCATION INDICATED ALTHOUGH HE DOES STATE THAT THEY ARE LOCATED AS ACCURATELY AS POSSIBLE FROM THE INFORMATION AVAILABLE.

THE FEDERAL EMERGENCY MANAGEMENT AGENCY FLOOD RATE MAP FOR COMMUNITY NO. 060195, PANEL NO. 0530G, DATED APRIL 2, 2009, SHOWS THAT THE LOCATION OF THIS SITE FALLS WITHIN EITHER ZONE X, AREAS DETERMINED TO BE OUTSIDE OF THE 0.2% ANNUAL CHANCE FLOODPLAIN.

THE LATITUDE AND LONGITUDE AT THE LOCATION AS SHOWN WAS DETERMINED BY GPS OBSERVATIONS.

LAT. XX' XX' XX.XX" N NAD 83
LONG. XXX' XX' XX.XX" W NAD 83
ELEV. XXX.X' NAVD 88 (BASIS OF DRAWING)

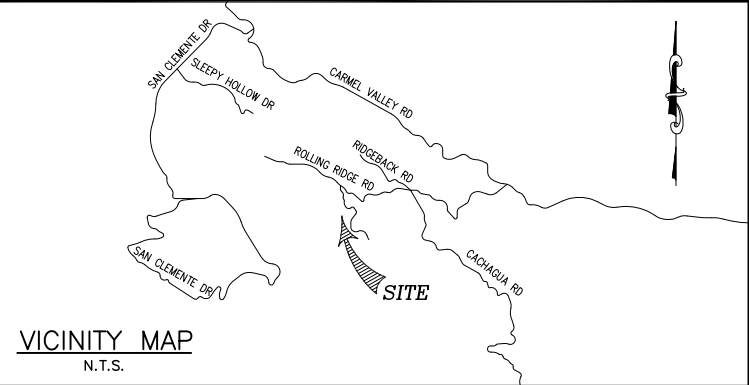
The information shown above meets or exceeds the requirements set forth in FAA order 8260.19D for 1-A accuracy (± 20' horizontally and ± 3' vertically). The horizontal datum (coordinates) are expressed as degrees, minutes and seconds, to the nearest hundredth of a second. The vertical datum (heights) are expressed in feet and decimals thereof and are determined to the nearest 0.1 foot.

LESSOR'S PROPERTY LEGAL DESCRIPTION PER TITLE REPORT:

NEED TITLE REPORT

EASEMENT(S) PER TITLE REPORT:

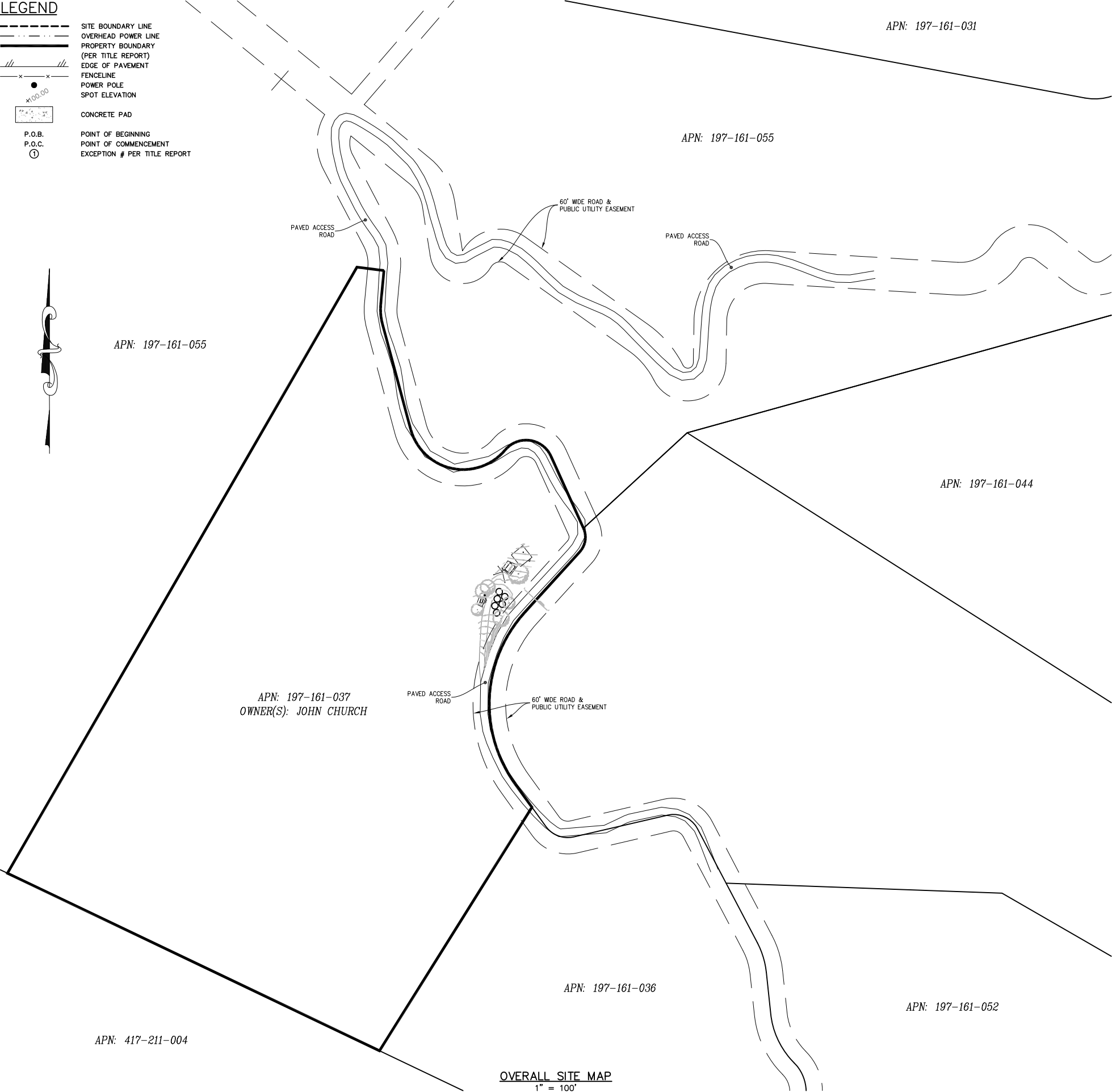
NEED TITLE REPORT



VICINITY MAP
N.T.S.

LEGEND

- SITE BOUNDARY LINE
- OVERHEAD POWER LINE
- PROPERTY BOUNDARY (PER TITLE REPORT)
- EDGE OF PAVEMENT
- FENCELINE
- POWER POLE
- SPOT ELEVATION
- CONCRETE PAD
- P.O.B.
- P.O.C.
- POINT OF BEGINNING
- POINT OF COMMENCEMENT
- EXCEPTION # PER TITLE REPORT



OVERALL SITE MAP
1" = 100'



SMITHCO
SURVEYING ENGINEERING

P.O. BOX 81626 BAKERSFIELD, CA 93380
PHONE: (661) 393-1217 FAX: (661) 393-1218

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SPACE RESERVED FOR PROFESSIONAL SEAL

PRELIMINARY
NOT TO BE CONSIDERED FINAL WITHOUT
SURVEYOR'S SEAL AND SIGNATURE

REVISION

NO.	DESCRIPTION	BY	DATE
0	PRELIM. ISSUE	SL	07/27/18
1			
2			
3			
4			
5			

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DRAWN BY: SL
CHECKED BY: DA
DATE DRAWN: 07/26/18
SMITHCO JOB #: 56-805

SITE NAME

CCL05083
ROBLES DEL RIO

SITE ADDRESS

17114 CACHAGUA ROAD
CARMEL VALLEY, CA 93924

MONTEREY COUNTY

SHEET TITLE

SITE SURVEY

FOR EXAMINATION ONLY

SHEET

C-1

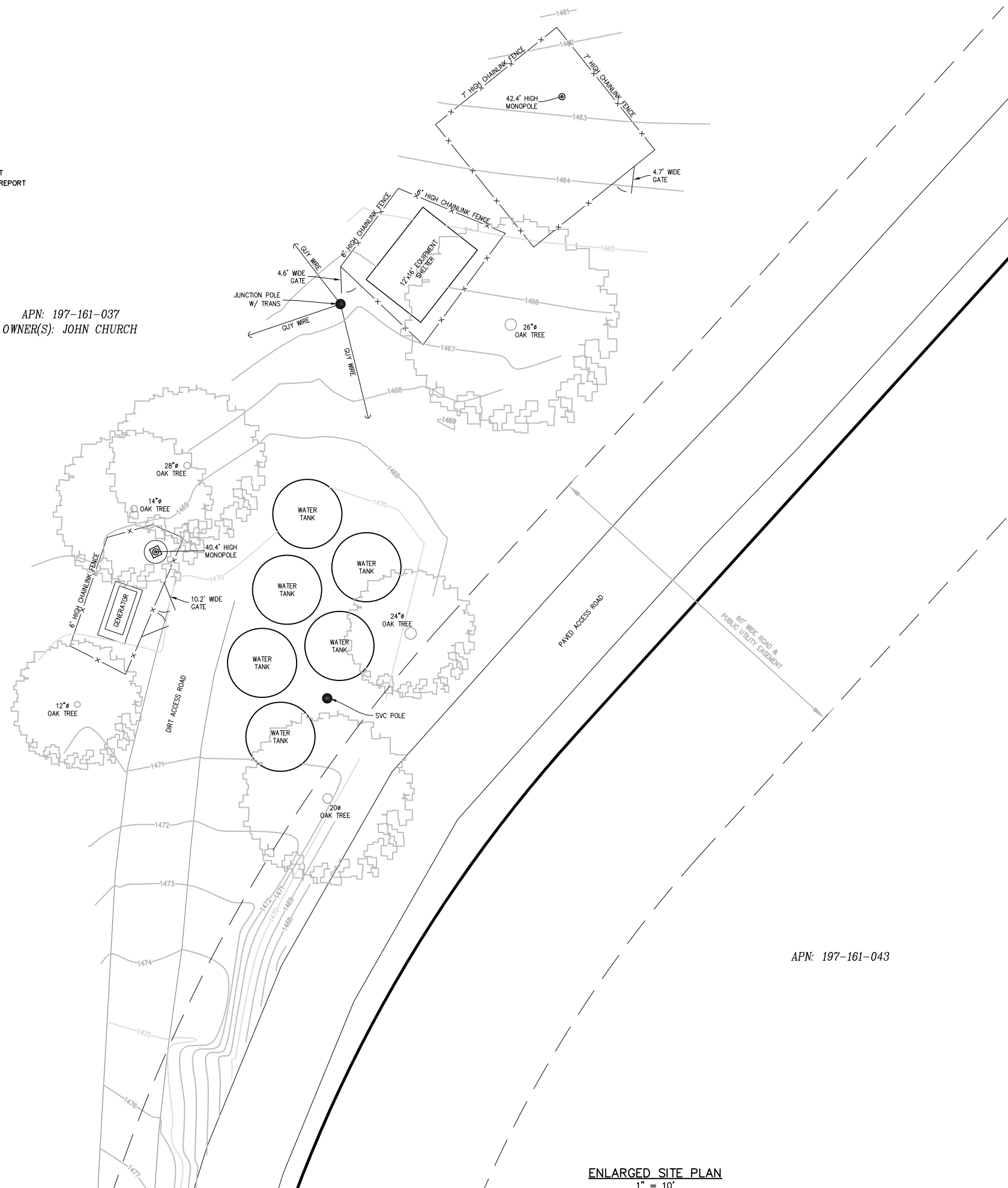
T.B.D.

The diagram illustrates a survey line with various features and their corresponding labels. The features are represented by different symbols and line styles, and the labels are provided in a list to the right of the diagram.

- SITE BOUNDARY LINE:** Represented by a dashed line.
- OVERHEAD POWER LINE:** Represented by a line with cross-ticks.
- PROPERTY BOUNDARY (PER TITLE REPORT):** Represented by a solid line.
- EDGE OF PAVEMENT:** Represented by a line with diagonal hatching.
- FENCELINE:** Represented by a line with 'x' marks.
- POWER POLE:** Represented by a solid black circle.
- SPOT ELEVATION:** Represented by a circle containing the text "x100.00".
- CONCRETE PAD:** Represented by a rectangle containing a grid of dots.
- P.O.B. (POINT OF BEGINNING):** Indicated by a circle containing the number "1".
- P.O.C. (POINT OF COMMENCEMENT):** Indicated by a circle containing the number "2".
- EXCEPTION # PER TITLE REPORT:** Indicated by a circle containing the number "3".



APN: 197-161-037
OWNER(S): JOHN CHURCH



ENLARGED SITE PLAN
1" = 10'



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[illegible]

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CHECKED BY: DA
DATE DRAWN: 07/26/18
SMITHCO JOB #: 56-805

NAME

CCL05083
ROBLES DEL RIO

E ADDRESS

4 CACHAGUA ROAD
PRIMEL VALLEY, CA 93924

INTEREY COUNTY

HEET TITLE


TE SURVEY

EXAMINATION ONLY

EET

-2






5001 EXECUTIVE PARKWAY,
SAN RAMON, CA 94583



575 Lennon Ln #125
Walnut Creek, CA 94598

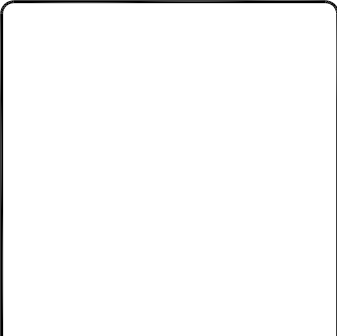
PLANS PREPARED BY:



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Signal Hill, CA 90755

A NUWAVE COMPANY

4	02/05/19	REVISED ZDs	GCA
3	12/05/18	REVISED ZDs	BC
2	09/05/18	CLIENT COMMENTS	KD
1	08/20/18	100% ZONING DRAWINGS	MM
0	08/07/18	90% ZONING DRAWINGS	MM
REV	DATE	DESCRIPTION	INT

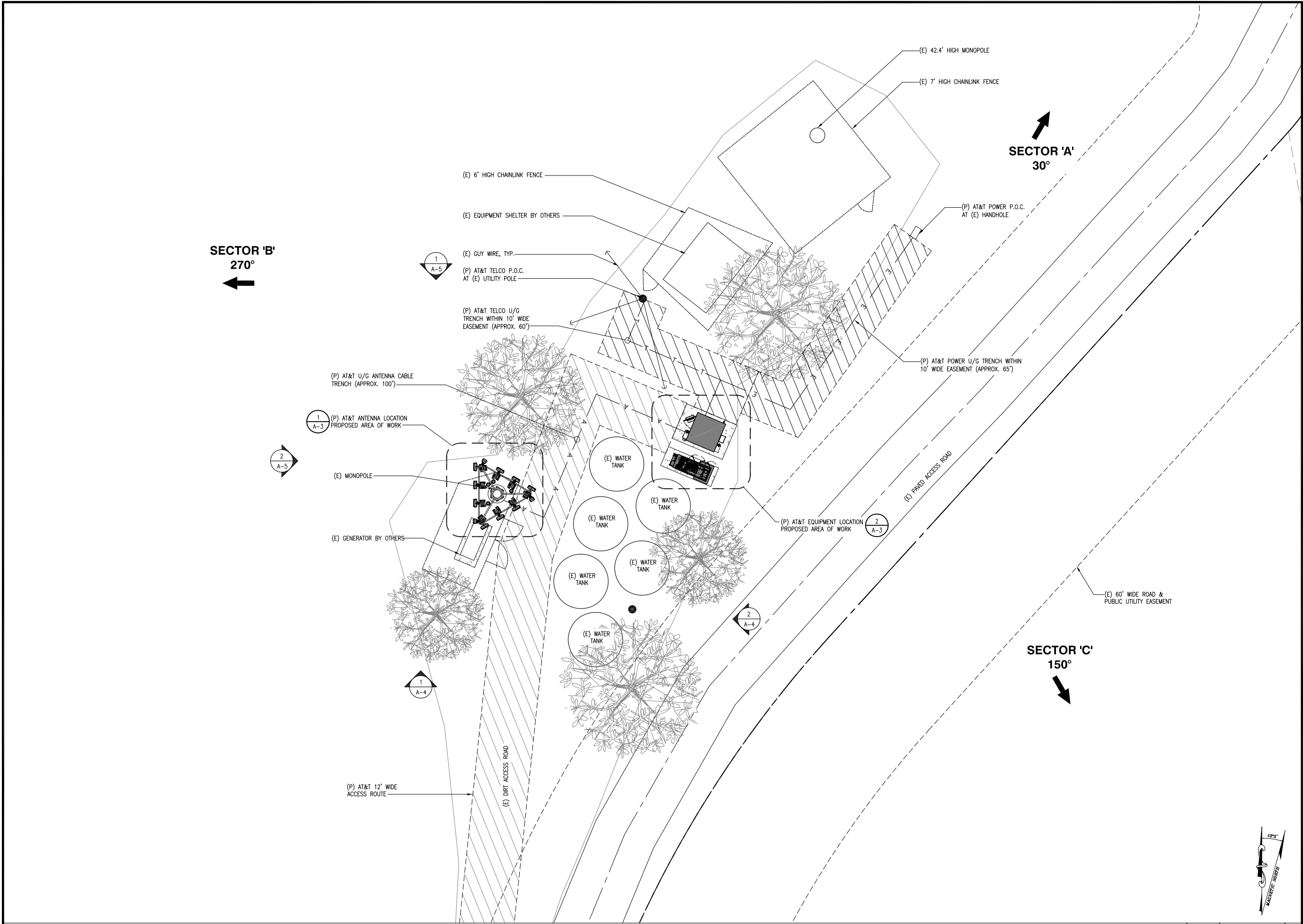


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CCL05083
BUCK MOUNTAIN COLO
17114 CACHAGUA ROAD
CARMEL VALLEY, CA 93924
MONOPOLE/INDOOR

SHEET TITLE
SITE PLAN

SHEET NUMBER
A-1



ENLARGED SITE PLAN

SCALE: 1"=10'-0"





at&t

5001 EXECUTIVE PARKWAY,
SAN RAMON, CA 94583



575 Lennon Ln #125
Walnut Creek, CA 94598

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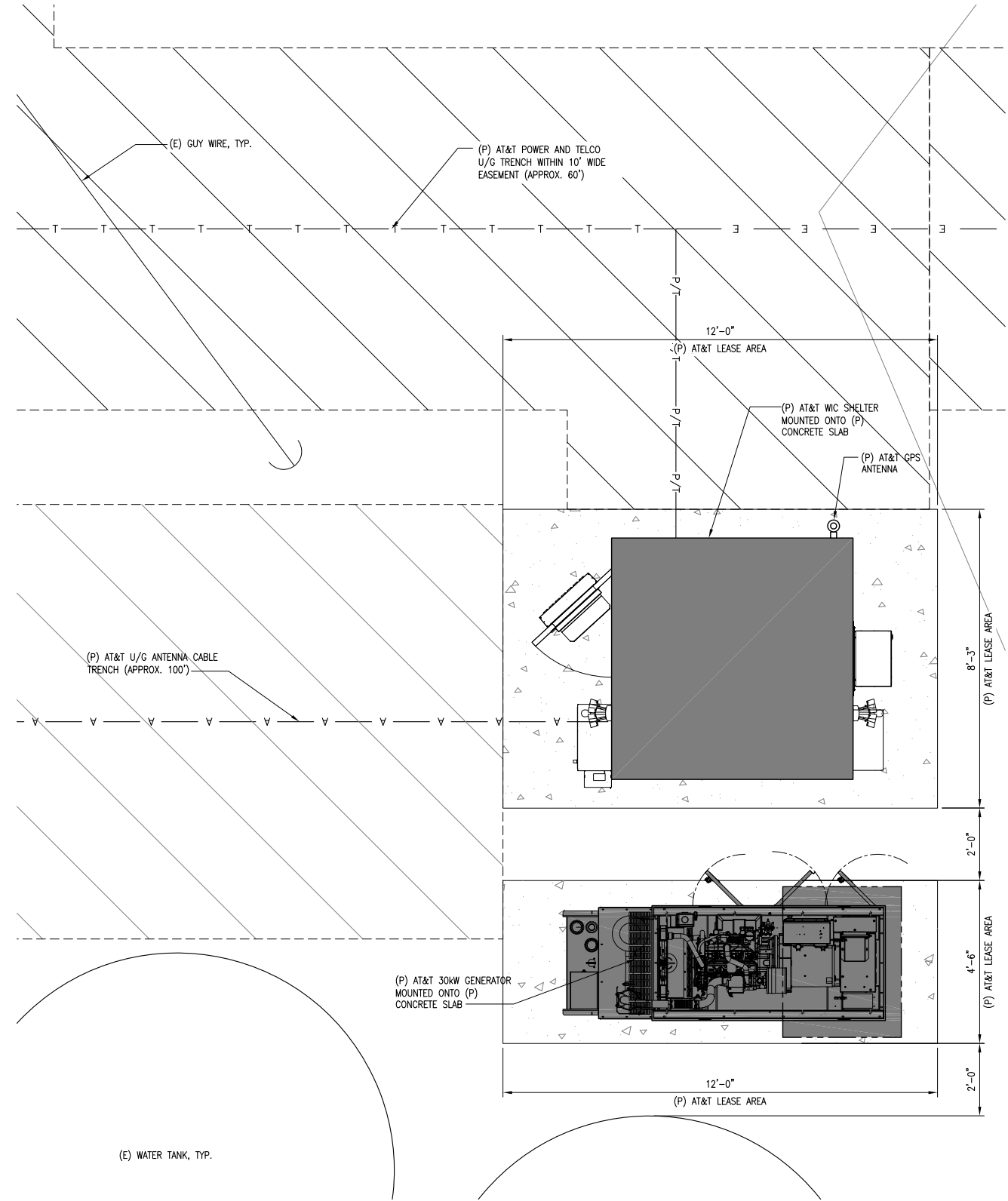
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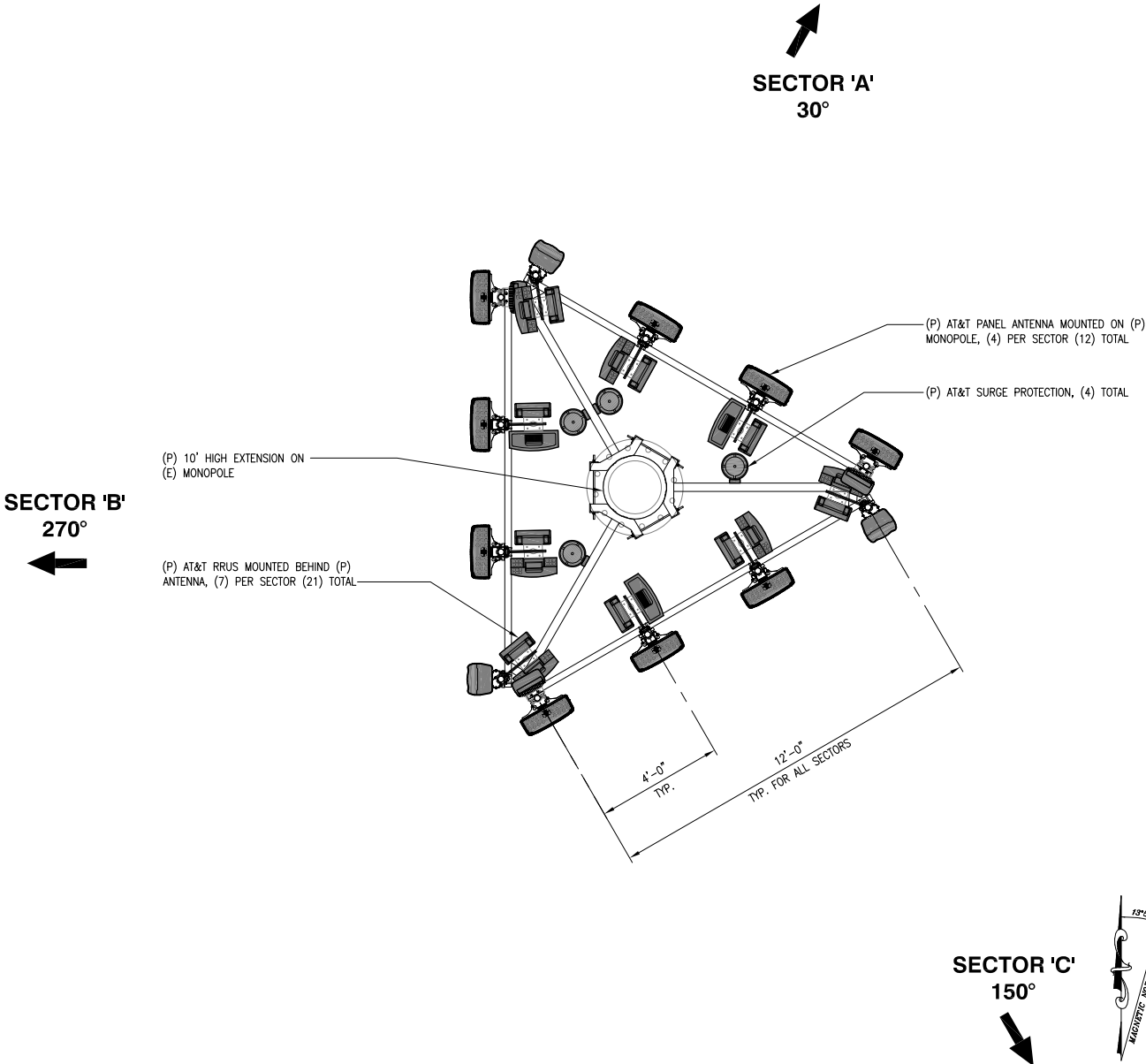
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BUCK MOUNTAIN COLO
17114 CACHAGUA ROAD
CARMEL VALLEY, CA 93924
MONOPOLE/INDOOR

SHEET TITLE
EXISTING AND PROPOSED
ANTENNA LAYOUTS

SHEET NUMBER
A-2



NEW ANTENNA SCHEDULE													
	ANTENNA POSITION	STATUS	TECHNOLOGY	RAD CENTER	ANTENNA MAKE/ MODEL	AZIMUTH	ANTENNA COUNT	FILTER/TMA MODEL	FILTER/TMA COUNT	TRANSMISSION LENGTH	TRANSMISSION TYPE(S)	RRUS MAKE/MODEL	RRUS COUNT
ALPHA SECTOR	A1	NEW	700/850/PCS	47°-0"	KATHREIN 800-10965K	30°	1	-	-	±90'	HYBRID	RRUS-11 E B12 RRUS-4415 B25	1
	A2	NEW	FNET	47°-0"	KATHREIN 800-10965K	30°	1	-	-	±90'		RRUS-4478 B14	1
	A3	NEW	B29/850/AWS	47°-0"	KATHREIN 800-10965K	30°	1	-	-	±90'		RRUS-E2 B29 RRUS-4478 B5 RRUS-4426 B66	1 1 1
	A4	NEW	FWLL	47°-0"	QUINTEL QS6656-3	30°	1	-	-	±90'		RRUS-32 B30	1
BETA SECTOR	B1	NEW	700/850/PCS	47°-0"	KATHREIN 800-10965K	270°	1	-	-	±90'	HYBRID	RRUS-11 E B12 RRUS-4415 B25	1 1
	B2	NEW	FNET	47°-0"	KATHREIN 800-10965K	270°	1	-	-	±90'		RRUS-4478 B14	1
	B3	NEW	B29/850/AWS	47°-0"	KATHREIN 800-10965K	270°	1	-	-	±90'		RRUS-E2 B29 RRUS-4478 B5 RRUS-4426 B66	1 1 1
	B4	NEW	FWLL	47°-0"	QUINTEL QS6656-3	270°	1	-	-	±90'		RRUS-32 B30	1
GAMMA SECTOR	C1	NEW	700/850/PCS	47°-0"	KATHREIN 800-10965K	150°	1	-	-	±90'	HYBRID	RRUS-11 E B12 RRUS-4415 B25	1 1
	C2	NEW	FNET	47°-0"	KATHREIN 800-10965K	150°	1	-	-	±90'		RRUS-4478 B14	1
	C3	NEW	B29/850/AWS	47°-0"	KATHREIN 800-10965K	150°	1	-	-	±90'		RRUS-E2 B29 RRUS-4478 B5 RRUS-4426 B66	1 1 1
	C4	NEW	FWLL	47°-0"	QUINTEL QS6656-3	150°	1	-	-	±90'		RRUS-32 B30	1
TOTAL												21	



5001 EXECUTIVE PARKWAY,
SAN RAMON, CA 94583

575 Lennon Ln #125
Walnut Creek, CA 94598

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DESIGN | BUILD | INNOVATE

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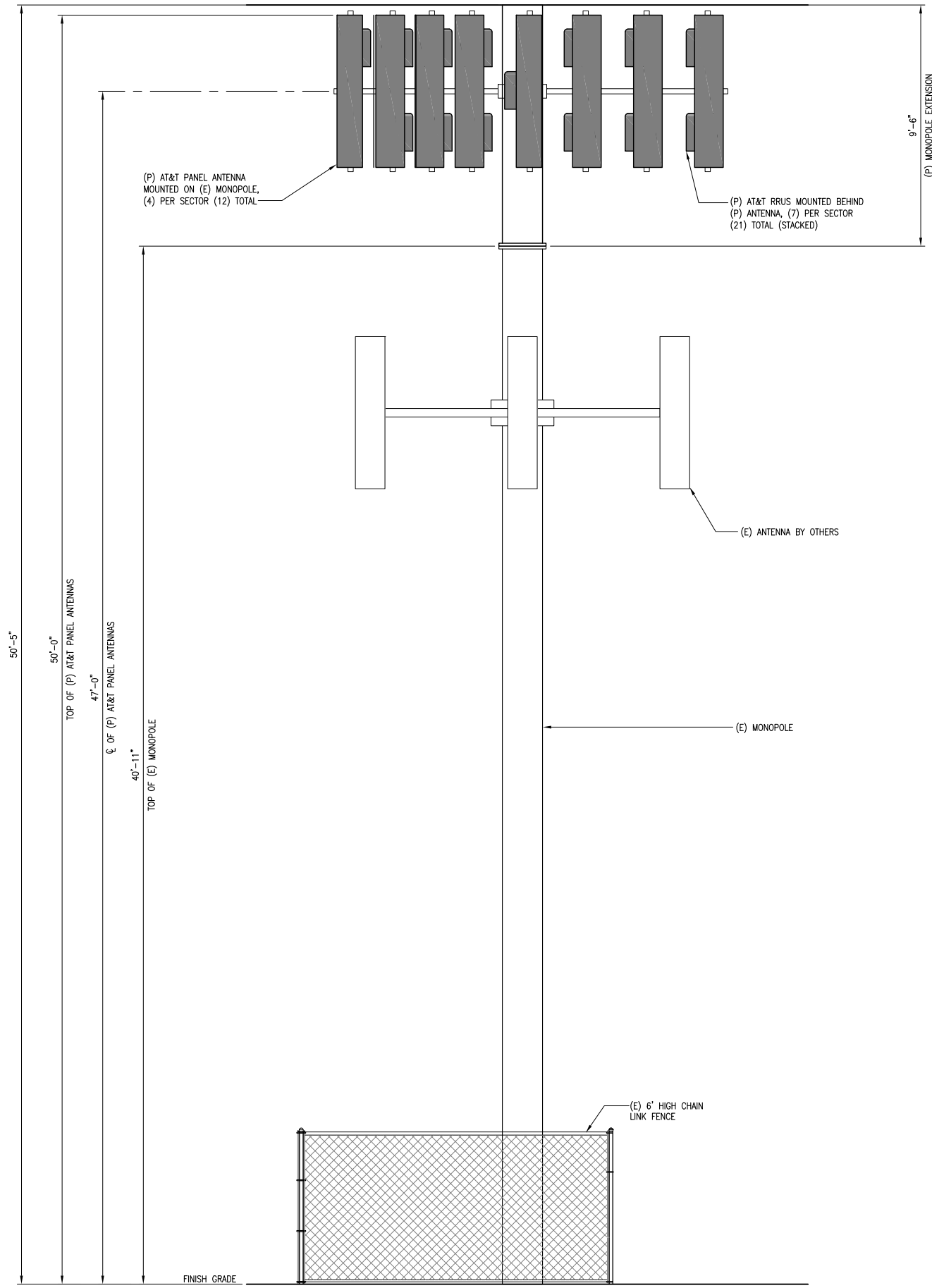
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BUCK MOUNTAIN COLO
17114 CACHAGUA ROAD
CARMEL VALLEY, CA 93924
MONOPOLE/INDOOR

SHEET TITLE
EXISTING AND PROPOSED
ANTENNA LAYOUTS

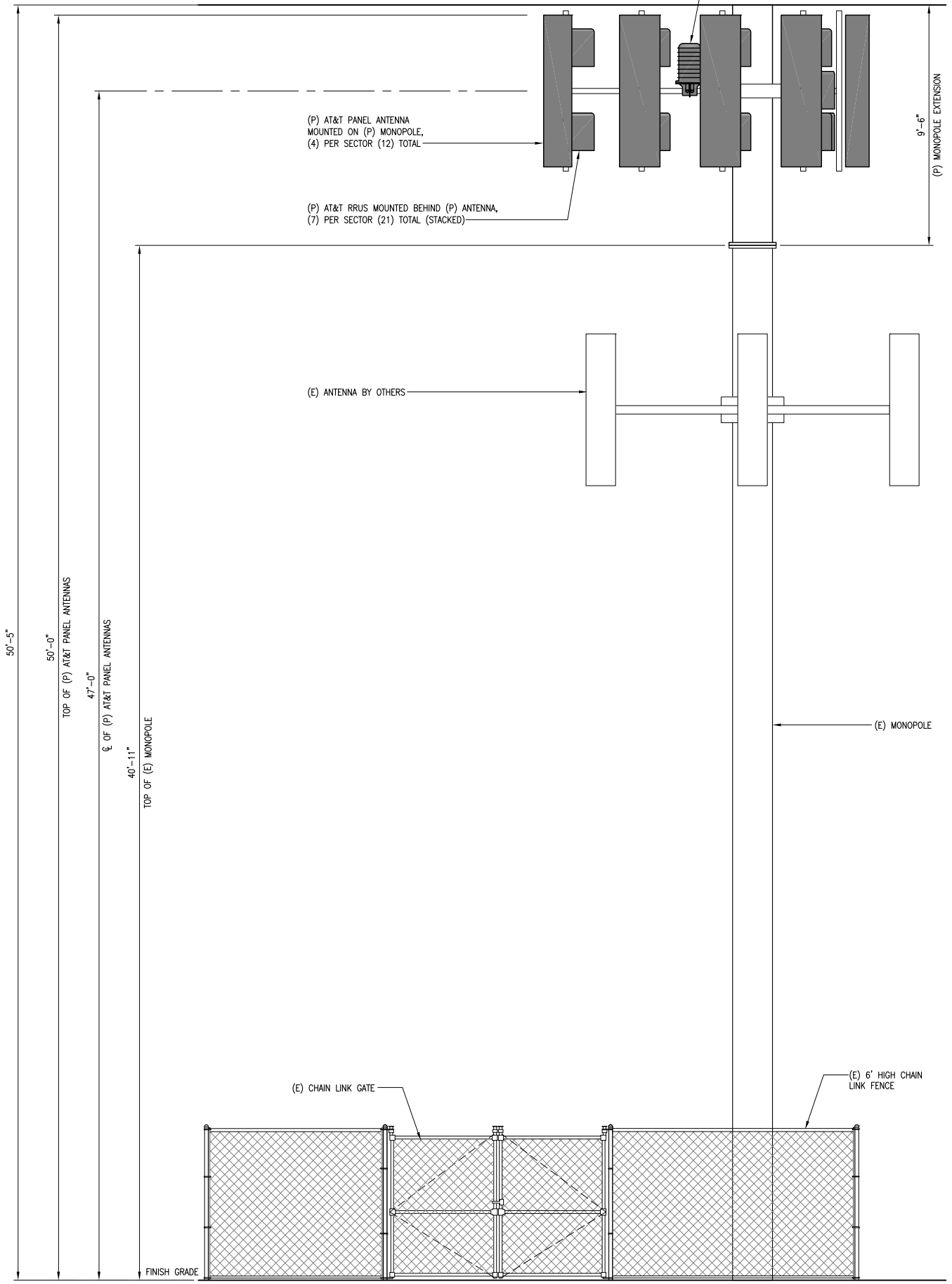
SHEET NUMBER

A-3




SOUTH ELEVATION

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




EAST ELEVATION


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



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SAN RAMON, CA 94583



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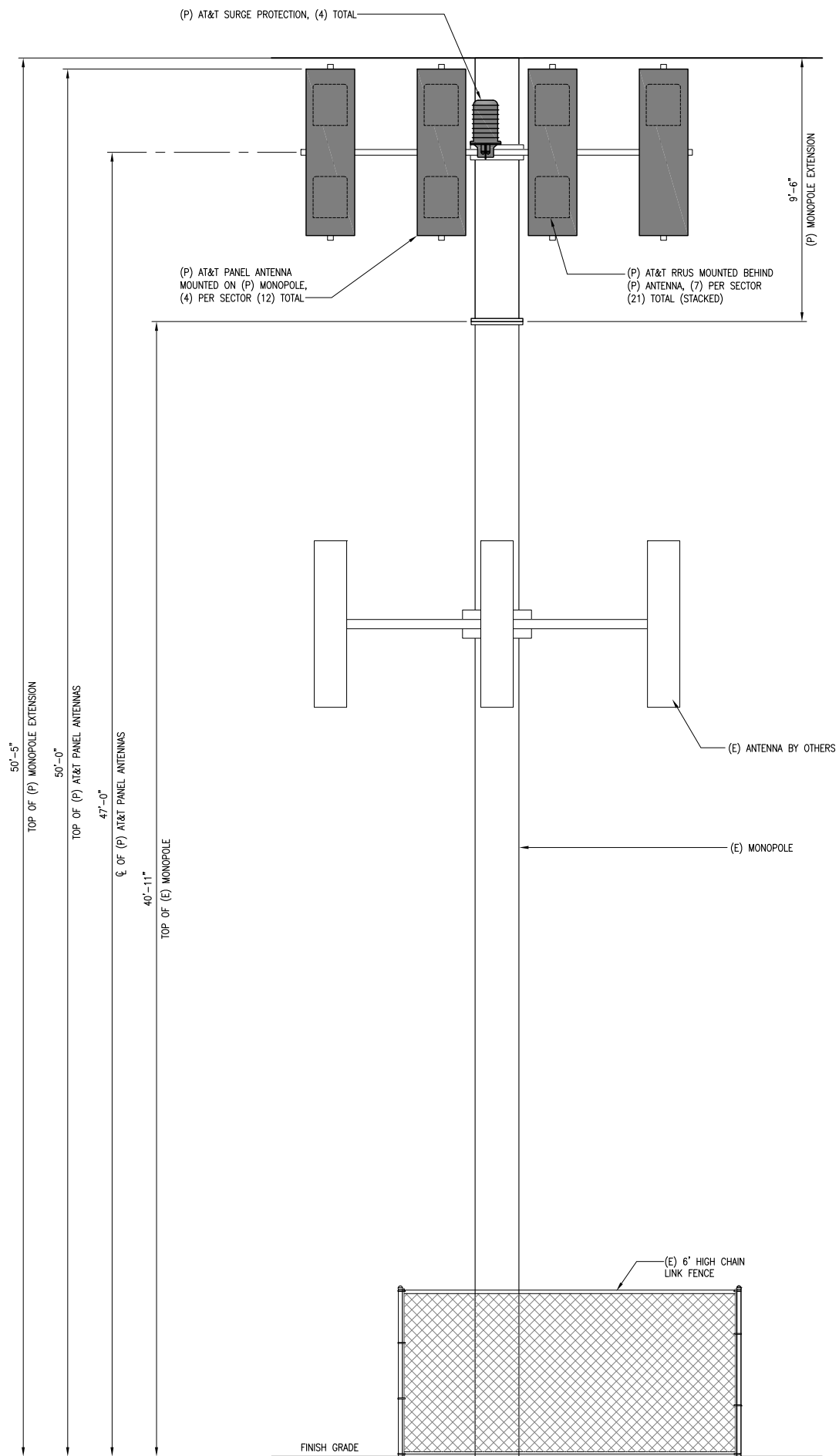
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2	09/05/18	CLIENT COMMENTS	KD
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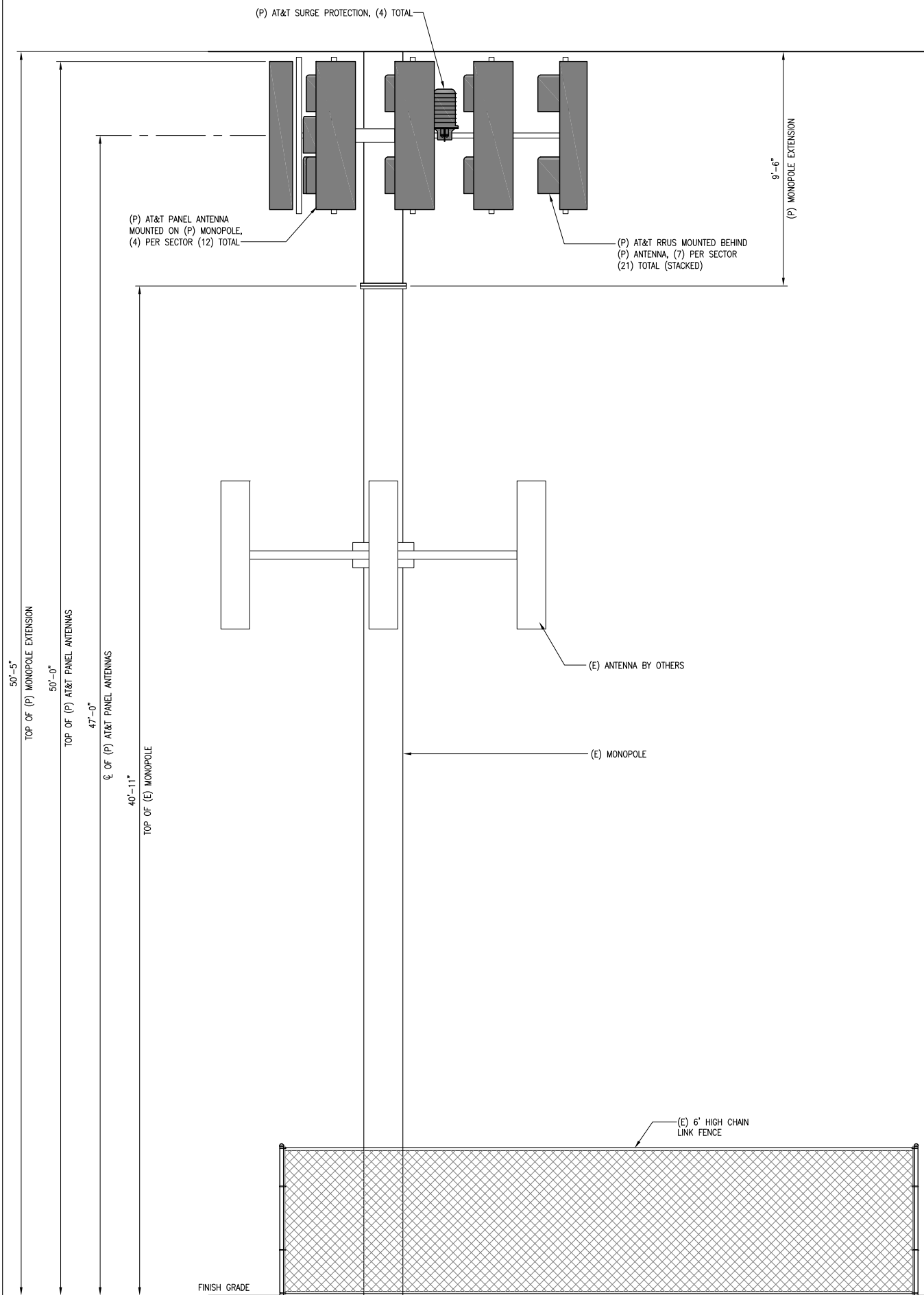
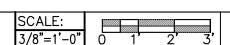
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CARMEL VALLEY, CA 93924
MONOPOLE/INDOOR

SHEET TITLE
ELEVATIONS

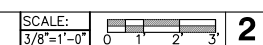
SHEET NUMBER
A-4



NORTH ELEVATION



WEST ELEVATION



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BUCK MOUNTAIN COLO
17114 CACHAGUA ROAD
CARMEL VALLEY, CA 93924
MONOPOLE/INDOOR

SHEET TITLE

ELEVATIONS

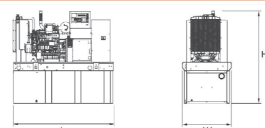
SHEET NUMBER

A-5

SD030 | 2.4L | 30 KW
INDUSTRIAL DIESEL GENERATOR SET
EPA Certified Stationary Emergency

GENERAC INDUSTRIAL POWER

DIMENSIONS AND WEIGHTS*



OPEN SET

RUN TIME HOURS	USABLE CAPACITY GAL (L)	L x W x H in (mm)	WT lbs (kg) - Tank & Open Set
NO TANK	-	76 (1930.4) x 37.4 (949.9) x 47.2 (1197.2)	2960 (1343)
19	54 (204.0)	76 (1930.4) x 37.4 (949.9) x 35.2 (1402.1)	2940 (1332)
48	132 (499.7)	76 (1930.4) x 37.4 (949.9) x 47.2 (1197.2)	2970 (1351)
77	211 (798.7)	76 (1930.4) x 37.4 (949.9) x 47.2 (1197.2)	2970 (1351)
109	300 (1135.6)	92.9 (2369.2) x 37.4 (949.9) x 47.2 (1197.2)	3042 (1380)

STANDARD ENCLOSURE

RUN TIME HOURS	USABLE CAPACITY GAL (L)	L x W x H in (mm)	WT lbs (kg) - Enclosure Only
NO TANK	-	94.8 (2408.9) x 36 (914.4) x 49.5 (1256.1)	191 (87)
19	54 (204.0)	94.8 (2408.9) x 36 (914.4) x 49.5 (1256.1)	191 (87)
48	132 (499.7)	94.8 (2408.9) x 36 (914.4) x 49.5 (1256.1)	202 (134)
77	211 (798.7)	94.8 (2408.9) x 36 (914.4) x 49.5 (1256.1)	202 (134)
109	300 (1135.6)	94.8 (2408.9) x 36 (914.4) x 49.5 (1256.1)	202 (134)

LEVEL 1 ACoustic ENCLOSURE

RUN TIME HOURS	USABLE CAPACITY GAL (L)	L x W x H in (mm)	WT lbs (kg) - Enclosure Only
NO TANK	-	112.5 (2667.1) x 36 (914.4) x 49.5 (1256.1)	455 (206)
19	54 (204.0)	112.5 (2667.1) x 36 (914.4) x 49.5 (1256.1)	455 (206)
48	132 (499.7)	112.5 (2667.1) x 36 (914.4) x 49.5 (1256.1)	455 (206)
77	211 (798.7)	112.5 (2667.1) x 36 (914.4) x 49.5 (1256.1)	455 (206)
109	300 (1135.6)	112.5 (2667.1) x 36 (914.4) x 49.5 (1256.1)	455 (206)

LEVEL 2 ACoustic ENCLOSURE

RUN TIME HOURS	USABLE CAPACITY GAL (L)	L x W x H in (mm)	WT lbs (kg) - Enclosure Only
NO TANK	-	94.8 (2408.9) x 36 (914.4) x 62 (1574.8)	490 (220)
19	54 (204.0)	94.8 (2408.9) x 36 (914.4) x 62 (1574.8)	490 (220)
48	132 (499.7)	94.8 (2408.9) x 36 (914.4) x 62 (1574.8)	490 (220)
77	211 (798.7)	94.8 (2408.9) x 36 (914.4) x 62 (1574.8)	490 (220)
109	300 (1135.6)	94.8 (2408.9) x 36 (914.4) x 62 (1574.8)	490 (220)

*All measurements are approximate and for estimative purposes only. Sound data can be found on the sound data sheet. Enclosure Only weight is added to Tank & Open Set weight to determine total weight.

YOUR FACTORY RECOGNIZED GENERAC INDUSTRIAL DEALER

Generac Power Systems, Inc. | P.O. Box 8 | Wisconsin, WI 53187
P: (262) 544-4811 © 2015 Generac Power Systems, Inc. All rights reserved. All specifications are subject to change without notice.

Part No. 0005805
Rev. D 08/19/15

SD030 | 2.4L | 30 KW
INDUSTRIAL DIESEL GENERATOR SET
EPA Certified Stationary Emergency

GENERAC INDUSTRIAL POWER

CONFIGURABLE OPTIONS

ENGINE SYSTEM

- General
- Oil Header
- Industrial Exhaust Silencer

Fuel System

- Flexible fuel lines
- Primary fuel filter

Engine Electrical System

- 10A UL battery charger
- 2.5A UL battery charger
- Battery Warmer

ALTERNATOR SYSTEM

- Alternator Upgrading
- Aux Conduction Heater
- Tropical coating
- Permanent Magnet Excitation

CIRCUIT BREAKER OPTIONS

- Main Line Circuit Breaker
- 2nd Main Line Circuit Breaker
- Shunt Trip and Auxiliary Contact
- Electronic Trip Breaker

GENERATOR SET

- Gen-Link Communications Software (Email Only)
- 8 Position Load Center
- 2 Year Extended Warranty
- 5 Year Warranty
- 5 Year Extended Warranty

ENCLOSURE

- Weather Protected
- Level 1 Sound Attenuation
- Level 2 Sound Attenuation
- Steel Enclosure
- Aluminum Enclosure
- 150 MPH Wind Kit
- 12 VDC Enclosure Lighting Kit
- 120 VAC Enclosure Lighting Kit
- AC200 Enclosure Lighting Kit
- Door Alarm Switch

ENGINEERED OPTIONS

ENGINE SYSTEM

- Coolant header ball valves
- Black Headers
- Fluid containment pans

ALTERNATOR SYSTEM

- 3rd Breaker Systems

CONTROL SYSTEM

- Spares Inputs (4V) / outputs (4V) - H Panel Only
- Battery Disconnect Switch

GENERATOR SET

- Special Testing
- ULC S-60T Tank

ENCLOSURE

- Molded-in Drainage
- Door switched for intrusion alert
- Enclosure ambient heaters

TANKS (Size on last page)

- UL2200 GE/Nortec®
- 12 leads (5-phase, non 600 V)
- Class II insulation material
- Vented rotor
- 205 gph
- Shelved rotor
- Auxiliary voltage regulator power wiring
- Amortisseur winding
- Brushless Excitation
- Sealed Bearings
- Automated manufacturing (winding, insertion, lacing, varnishing)
- Rotor dynamically spin balanced
- Full load capacity alternator
- Protective thermal switch

CONTROL SYSTEM

- 21-Point Remote Annunciator
- Remote Relay Panel (8 or 16)
- Oil Temperature Sender with Indication Alarm
- Remote E-Stop (Break Glass-Type, Surface Mount)
- Remote E-Stop (Flat Mushroom-Type, Surface Mount)
- Remote E-Stop (Flat Mushroom-Type, Flush Mount)
- Remote Communication - Modem
- Remote Communication - Ethernet
- 10A Run Relay
- Ground Fault Indication and Protection Functions

TANKS

- Overfill Protection Valve
- ULC S-60T Tank
- ULC S-60T Tank
- Stainless Steel Tank
- Special Fuel Tanks (MDECO and FL DEPDERM, etc.)
- Vent Extensions

RATING DEFINITIONS

Standby - Applicable for a varying emergency load for the duration of a utility power outage with no overload capability.

Prime - Applicable for supplying power to a varying load in lieu of utility for an unlimited amount of running time. A 10% overload capacity is available for 1 out of every 12 hours. The Prime Power option is only available on International applications. Power ratings in accordance with ISO 3006-1, Second Edition

SD030 | 2.4L | 30 KW
INDUSTRIAL DIESEL GENERATOR SET
EPA Certified Stationary Emergency

GENERAC INDUSTRIAL POWER

OPERATING DATA

POWER RATINGS

Single Phase 120/240 VAC @1.0pf	30 kW	Standby Amps: 125
Three-Phase 120/208 VAC @0.9pf	30 kW	Amps: 104
Three-Phase 120/240 VAC @0.9pf	30 kW	Amps: 90
Three-Phase 277/480 VAC @0.9pf	30 kW	Amps: 46
Three-Phase 348/600 VAC @0.9pf	30 kW	Amps: 30

STARTING CAPABILITIES (sKVA)

Alternator	kVA vs. Voltage Dip
Standard	10% 15% 20% 25% 30% 35%
Upstart 1	10% 15% 20% 25% 30% 35%
Upstart 2	10% 15% 20% 25% 30% 35%

FUEL CONSUMPTION RATES*

Fuel Pump L/R - ft (m)	Percent Load	gph (l/h)
3 (1)	25%	0.92 (3.5)
	50%	1.45 (5.5)
	75%	1.98 (7.4)
	100%	2.74 (10.4)

COOLING

Coolant Flow per Minute	gpm (lpm)	Standby
Coolant System Capacity	gal (L)	2.8 (10.95)
Heat Rejection to Coolant	BTU/hr	111,000
Inlet Air	cfm (m3/hr)	4,500 (7947)
Max. Operating Radiator Air Temp	F° (C°)	122 (50)
Max. Ambient Temperature (before derate)	F° (C°)	104 (40)
Maximum Radiator Backpressure	in H ₂ O	0.5

COMBUSTION AIR REQUIREMENTS

Flow at Rated Power	cfm (m3/min)	Standby
		90 (2.55)

ENGINE

Rated Engine Speed	rpm	Standby
1800		
Maximum Power at Rated RPM**	40	
Piston Speed	Wrink (g/min)	1110 (338)
BMEP	psi	153

EXHAUST

Exhaust Flow (Rated Output)	cfm (m3/min)	Standby
		230 (661)
Max. Backpressure (Peak Difference)	inHg (kPa)	1.5 (6.1)
Exhaust Temp (Rated Output)	F° (C°)	860 (464)
Exhaust Outlet Size (Open Set)	mm (in)	63.5 (2.5)

** Refer to "Technical Data Sheet" for maximum HP for EPA and ISO/IEC power ratings.
Derating - Operational characteristics consider maximum ambient conditions. Derate factors may apply under atypical site conditions. Please consult a Generac Power Systems Industrial Dealer for additional details. All performance ratings in accordance with ISO3006, ISO5514, ISO5528 and DIN6271 standards.

SD030 | 2.4L | 30 KW
INDUSTRIAL DIESEL GENERATOR SET
EPA Certified Stationary Emergency

GENERAC INDUSTRIAL POWER

STANDARD FEATURES

ENGINE SYSTEM

- Oil Drain Extension
- Air Cleaner
- Fan Guard
- Stainless Steel flexible exhaust connection
- Critical Exhaust Silencer (enclosed only)
- Factory Filled Oil
- Radiator Duct Adaptor (open set only)

Fuel System

- Fuel lockout solenoid
- Primary fuel filter

Cooling System

- Closed Coolant Recovery System
- UV/Ozone resistant hoses
- Factory-installed Radiator
- Radiator Drain Extension
- 50/50 Ethylene glycol antifreeze
- 120 VAC Coolant Heater

Engine Electrical System

- Battery charging alternator
- Battery cables
- Battery tray
- Solenoid activated starter motor
- Rubber-booted engine electrical connections

ALTERNATOR SYSTEM

- UL2200 GE/Nortec®
- 12 leads (5-phase, non 600 V)
- Class II insulation material
- Vented rotor
- 205 gph
- Shelved rotor
- Auxiliary voltage regulator power wiring
- Amortisseur winding
- Brushless Excitation
- Sealed Bearings
- Automated manufacturing (winding, insertion, lacing, varnishing)
- Rotor dynamically spin balanced
- Full load capacity alternator
- Protective thermal switch

GENERATOR SET

- Internal Genset Vibration Isolation
- Separation of circuits - high/low voltage
- Separation of circuits - multiple breakers
- Silencer Heat Shield
- Wrapped Exhaust Piping
- Silencer housed in discharge hood (enclosed only)
- Standard Factory Testing
- 2 Year Limited Warranty (Standby rated Units)
- 1 Year Limited Warranty (Prime rated Units)
- Silencer mounted in the discharge hood (enclosed only)

CONTROL SYSTEM



Control Panel

- Digital H Control Panel - Dual 4x20 Display
- Programmable Crank Limiter
- 7-Day Programmable Exercise
- Special Applications Programmable PLC
- RS-232/485
- All-Phase Sensing DVR
- Fuel System Status
- Utility Monitoring
- Low Fuel Pressure Indication
- 2-Wire Start Compatible
- Power Output (kW)

ENCLOSURE (IF SELECTED)

- Rust-proof fasteners with nylon washers to protect finish
- High performance sound-absorbing material
- Gasketed doors
- Stamped air intake louvers
- Air discharge hoods for radiator-spread painting
- Stainless steel lift off door hinges
- Stainless steel lockable handles
- Rhino Coat™ - Textured polyester powder coat

TANKS (IF SELECTED)

- UL 142
- Double wall
- Vents
- Skipped top
- Factory pressure tested (2 psi)
- Rupture board alarm
- Fuel level
- Check valve to supply and return lines
- Rhino Coat™ - Textured polyester powder coat
- Stainless hardware

SD030 | 2.4L | 30 KW
INDUSTRIAL DIESEL GENERATOR SET
EPA Certified Stationary Emergency

GENERAC INDUSTRIAL POWER

STANDBY POWER RATING

30 kW, 38 kVA, 60 Hz

PRIME POWER RATING*

27 kW, 34 kVA, 60 Hz



*Built in the USA using domestic and foreign parts

**EPA Certified Power ratings are not available in the U.S. or its Territories.

*On-site engine or generator may not hold certification valid.

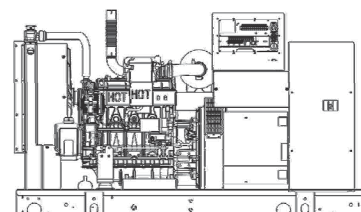


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CODES AND STANDARDS

Generac products are designed to the following standards:

UL2200, UL508, UL142, UL498

NFPA70, 99, 110, 37

NEC700, 701, 702, 708

ISO9001, 8528, 3046, 7637, Phases #2b, 4

NEMA ICS10, MG1, 250, ICS6, AB1

ANSI C62-41

POWERING AHEAD

For over 50 years, Generac has led the industry with innovative design and superior manufacturing.

Generac ensures superior quality by designing and manufacturing most of its generator components, including alternators, enclosures and base tanks, control systems and communications software.

Generac's gensets utilize a wide variety of options, configurations and arrangements, allowing us to meet the standby power needs of practically every application.

Generac searched globally to ensure the most reliable engines power our generators. We choose only engines that have already been proven in heavy-duty industrial application under adverse conditions.

Generac is committed to ensuring our customers' service support continues after their generator purchase.



5001 EXECUTIVE PARKWAY,
SAN RAMON, CA 94583



575 Lennon Ln #125
Walnut Creek, CA 94598

PLANS PREPARED BY:

INTELOCITY
DESIGN | BUILD | INNOVATE

1875 Coronado Ave
Signal Hill, CA 90755

A NUWAVE COMPANY

REV	DATE	DESCRIPTION	INT
4	02/05/19	REVISED ZDs	GCA
3	12/05/18	REVISED ZDs	BC
2	09/05/18	CLIENT COMMENTS	KD
1	08/20/18	100% ZONING DRAWINGS	MM
0	08/07/18	90% ZONING DRAWINGS	MM

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.

CCL05083
BUCK MOUNTAIN COLO
17114 CACHAGUA ROAD
CARMEL VALLEY, CA 93924
MONOPOLE/INDOOR

SHEET TITLE

GENERATOR CUT
SHEETS

SHEET NUMBER

D-1

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