


SDG&E LEGEND	
STRUCTURE #	N/A
TIE-LINE #	N/A
R/W #	N/A
APN #	125-171-14
SBE #	141-30-22
LMR SIGNATURE	DATE:

PROJECT TEAM	
CLIENT REPRESENTATIVE	CONSTRUCTION MANAGER
COMPANY: SMARTLINK, LLC ADDRESS: 1997 ANNAPOLIS EXCHANGE PKWY, SUITE 200 CITY, STATE, ZIP: SUITE 200 ANNAPOLIS, MD 21401 CONTACT: ALISHA STRASHEIM PHONE: (951) 440-0669 EMAIL: alisha.strasheim@smartlinkgroup.com	COMPANY: AT&T ADDRESS: 1452 EDINGER AVE. CITY, STATE, ZIP: TUSTIN, CA. 92780 CONTACT: GREG EATON PHONE: (310) 753-0691 EMAIL: greg.eaton@att.com
ZONING	ATT PROJECT MANAGER
COMPANY: SMARTLINK, LLC ADDRESS: 1997 ANNAPOLIS EXCHANGE PKWY, SUITE 200 CITY, STATE, ZIP: ANNAPOLIS, MD 21401 CONTACT: JOHN SILVERMAN PHONE: (818) 832-0631 EMAIL: john.silverman@smartlinkgroup.com	COMPANY: AT&T ADDRESS: 1452 EDINGER AVE. CITY, STATE, ZIP: TUSTIN, CA. 92780 CONTACT: IVAN OCEGUEDA PHONE: (562) 210-9855 EMAIL: io109k@att.com
SITE ACQUISITION	APPLICANT
COMPANY: SMARTLINK, LLC ADDRESS: 1997 ANNAPOLIS EXCHANGE PKWY, SUITE 200 CITY, STATE, ZIP: ANNAPOLIS, MD 21401 CONTACT: JOHN SILVERMAN PHONE: (818) 832-0631 EMAIL: john.silverman@smartlinkgroup.com	COMPANY: AT&T ADDRESS: 1452 EDINGER AVE. CITY, STATE, ZIP: TUSTIN, CA. 92780 CONTACT: IVAN OCEGUEDA PHONE: (562) 210-9855 EMAIL: io109k@att.com
ENGINEER	RF ENGINEER
COMPANY: CASA INDUSTRIES, INC. ADDRESS: 4430 E. MIRALOMA AVE. SUITE D CITY, STATE, ZIP: ANAHEIM, CA 92807 CONTACT: JULIUS SANTIAGO PHONE: (714) 553-8899 EMAIL: jsantiago@casaind.com	COMPANY: AT&T ADDRESS: 739 E SANTA CLARA ST., ROOM 217 CITY, STATE, ZIP: VENTURA, CA. 93001 CONTACT: GABBY DE SILVA PHONE: (562) 216-0159 EMAIL: gd8790@att.com
SDG&E LAND MANAGER	SDG&E WIRELESS COORDINATOR
COMPANY: SDG&E ADDRESS: 8690 BALBOA AVE CP-A06 CITY, STATE, ZIP: SAN DIEGO, CA 92123 CONTACT: SEAN QUINN PHONE: (619) 200-0610 EMAIL: squinn@sdge.com	COMPANY: DRVCI ADDRESS: P.O. BOX 974 CITY, STATE, ZIP: DOLORES, CO 81323 CONTACT: JOHN J. HERNANDEZ PHONE: (970) 882-3575 EMAIL: john@drvci.com

SITE INFORMATION	
APPLICANT / LESSEE	 Your world. Delivered 1452 EDINGER AVE. 3RD FLOOR TUSTIN, CALIFORNIA 92780
PROPERTY OWNER	SAN DIEGO GAS & ELECTRICITY ADDRESS: 8690 BALBOA AVE. CP-A01 CITY, STATE, ZIP: SAN DIEGO, CA 92123 CONTACT: BRIAN NIEMEELA TELEPHONE: (858) 204-4664
LATITUDE:	33° 32' 58.57" N (33.549602°)
LONGITUDE:	117° 37' 43.67" W (-117.628797°)
LAT./LONG. TYPE:	NAD 83
GROUND ELEVATION:	602.6' AMSL
ABOVE GROUND LEVEL:	35-0' A.G.L.
APN #:	125-181-03
AREA OF CONSTRUCTION:	±384 SQ. FT.
ZONING / JURISDICTION:	ORANGE COUNTY
CURRENT ZONING:	A1 - GENERAL AGRICULTURE
PROPOSED USE:	UNMANNED TELECOMMUNICATIONS FACILITY
HANDICAP REQUIREMENTS:	FACILITY IS UNMANNED AND NOT FOR HUMAN HABITATION. HANDICAPPED ACCESS NOT REQUIRED



AT&T

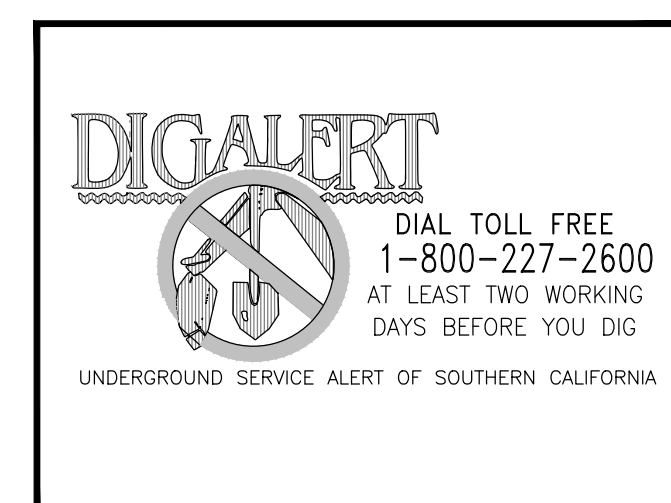
Your world. Delivered

SITE NUMBER: CLL01430 - NSB
SITE NAME: SDG&E MARGARITA SUBSTATION
FA#: 13025544
USID#: 314335
23082 ANTONIO PKWY
LADERA RANCH, CA 92694
ORANGE COUNTY



DRIVING DIRECTIONS
TURN RIGHT ONTO EDINGER AVE, TURN LEFT ONTO RED HILL AVE, TURN RIGHT TO MERGE ONTO I-5 S TOWARD SAN DIEGO, MERGE ONTO I-5 S, TAKE EXIT 86 FOR CROWN VALLEY PKWY, USE THE LEFT 3 LANES TO TURN LEFT ONTO CROWN VALLEY PKWY, TURN RIGHT ONTO ANTONIO PKWY, MAKE A U-TURN AT O'NEILL DR, DESTINATION WILL BE ON THE RIGHT.

CODE COMPLIANCE
ALL WORKS AND MATERIALS SHALL BE PERFORMED AND INSTALLED IN ACCORDANCE WITH THE CURRENT EDITIONS OF THE FOLLOWING CODES AS ADOPTED BY THE LOCAL GOVERNING AUTHORITIES. NOTHING IN THESE PLANS IS TO BE CONSTRUED TO PERMIT WORK NOT CONFORMING TO THE LATEST EDITIONS OF THE FOLLOWING CODES.
1. 2022 CALIFORNIA BUILDING CODE 2. 2022 CALIFORNIA ELECTRICAL CODE ADOPTED 2017 NEC 3. 2022 CALIFORNIA FIRE CODE 4. 2022 CALIFORNIA MECHANICAL CODE 5. 2022 CALIFORNIA PLUMBING CODE 6. 2022 CALIFORNIA ENERGY CODE 7. COUNTY FIRE CODE ORDINANCE - TITLE 16 8. COUNTY LAND USE ORDINANCE - TITLE 22 9. COUNTY BUILDING AND CONSTRUCTION ORDINANCE - TITLE 19



APPROVALS		
THE FOLLOWING PARTIES HEREBY APPROVE AND ACCEPT THESE DOCUMENTS & AUTHORIZE THE SUBCONTRACTOR TO PROCEED WITH THE CONSTRUCTION DESCRIBED HEREIN. ALL DOCUMENTS ARE SUBJECT TO REVIEW BY THE LOCAL BUILDING DEPARTMENT & MAY IMPOSE CHANGES OR MODIFICATIONS.		
DISCIPLINE:	SIGNATURE:	DATE:
AT&T RF ENGINEER:		
AT&T OPERATIONS:		
SITE ACQUISITION:		
CONSTRUCTION MANAGER:		
PROPERTY OWNER:		
ZONING VENDOR:		
PROJECT MANAGER:		

GENERAL CONTRACTOR NOTES
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.

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.

PROJECT DESCRIPTION
INDOOR EQUIPMENT / WIC ENCLOSURE
'AT&T' PROPOSES TO CONSTRUCT, OPERATE AND MAINTAIN AN UNMANNED WIRELESS COMMUNICATIONS FACILITY. THIS FACILITY WILL CONSIST OF THE FOLLOWING:
<ul style="list-style-type: none"> INSTALL 1 (P) 35'-0" HIGH MONO-EUCALYPTUS. INSTALL 1 (P) 6' HIGH CMU WALL ENCLOSURE WITH STONE VENEER. INSTALL 1 (P) 6' X 6' STEEL W.I.C. SHELTER ON CONCRETE PAD. INSTALL 1 (P) 20KW (51 GAL.) GENERAC COMPACT GENERATOR ON CONCRETE CONTAINMENT PAD. INSTALL (P) UTILITY PANELS. INSTALL 1 (P) GPS ANTENNA. INSTALL 2 (P) DC-12 OUTDOOR UNITS. INSTALL 12 (P) PANEL ANTENNAS (4 PER SECTOR). INSTALL 18 (P) LTE RRUS AT ANTENNA LEVEL (6 PER SECTOR). INSTALL 4 (P) DC-9 SURGE SUPPRESSORS (SQUID). INSTALL 1 (P) 2' Ø MW ANTENNA.
*APPROX. 1500' JOINT U/G BORING FOR POWER & TELCO RUN

DRAWING INDEX	
SHEET NO:	SHEET TITLE
T-1	TITLE SHEET
GN-1	SDGE NOTES
LS-1	SITE SURVEY
LS-2	SURVEY NOTES
A-1	SITE PLAN AND ENLARGED SITE PLAN
A-1.1	ENLARGED SITE PLAN (PIPE RACK LOCATION)
A-2	SHELTER AREA, ANTENNA PLAN AND ANTENNA/RRU SCHEDULE
A-3	ELEVATIONS
A-4	EQUIPMENT SPECIFICATIONS
A-5	DETAIL

CODE COMPLIANCE
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1. 2022 CALIFORNIA BUILDING CODE 2. 2022 CALIFORNIA ELECTRICAL CODE ADOPTED 2017 NEC 3. 2022 CALIFORNIA FIRE CODE 4. 2022 CALIFORNIA MECHANICAL CODE 5. 2022 CALIFORNIA PLUMBING CODE 6. 2022 CALIFORNIA ENERGY CODE 7. COUNTY COASTAL ZONE LAND USE ORDINANCE-TITLE 23 8. COUNTY FIRE CODE ORDINANCE - TITLE 16 9. COUNTY LAND USE ORDINANCE - TITLE 22 10. COUNTY BUILDING AND CONSTRUCTION ORDINANCE - TITLE 19



THE INFORMATION CONTAINED IN THIS SET OF DRAWINGS IS PROPRIETARY & CONFIDENTIAL TO AT&T WIRELESS. ANY USE OR DISCLOSURE OTHER THAN AS IT RELATES TO AT&T WIRELESS IS STRICTLY PROHIBITED.



1997 ANNAPOLIS EXCHANGE PKWY, SUITE 200
ANNAPOLIS, MD 21401
TEL: (949) 387-1265
FAX: (949) 387-1275



4430 E. MIRALOMA AVE. SUITE D
ANAHEIM, CALIFORNIA 92807

REV	DATE	DESCRIPTION
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A	04/18/22	90% ZONING DRAWINGS

NOT TO BE USED FOR CONSTRUCTION

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.

CLL01430
SDGE MARGARITA SUBSTATION
23082 ANTONIO PKWY
LADERA RANCH, CA 92694
MONO-EUCALYPTUS (INDOOR)

DRAWN BY:	CHECKED BY:
EMS	JS

SHEET TITLE:
TITLE SHEET

SHEET NUMBER:
T-1

ENVIRONMENTAL REQUIREMENTS

THE FOLLOWING LIST SUMMARIZES RECOMMENDED ENVIRONMENTAL PROTOCOLS THAT SHOULD BE OBSERVED BY CARRIER AND CONTRACTOR FIELD CREWS DURING ANY SITE CONSTRUCTION OR MAINTENANCE ACTIVITIES. IN ADDITION, CARRIER AND CONTRACTOR FIELD CREWS SHOULD FOLLOW SDG&E'S ENVIRONMENTAL FIELD PROTOCOLS (APPENDIX C).

- VEHICLES MUST BE KEPT ON ACCESS ROADS. A 15-MILE-PER-HOUR SPEED LIMIT SHALL BE OBSERVED ON DIRT ACCESS ROADS TO ALLOW REPTILE SPECIES TO DISPERSE. VEHICLES MUST BE TURNED AROUND IN ESTABLISHED OR DESIGNATED AREAS ONLY.
- NO WILDLIFE, INCLUDING RATTLESNAKES, MAY BE HARMED, EXCEPT TO PROTECT LIFE AND LIMB.
- FIREARMS SHALL BE PROHIBITED ON THE RIGHTS-OF-WAY EXCEPT FOR THOSE USED BY SECURITY PERSONNEL.
- FEEDING OF WILDLIFE IS NOT ALLOWED.
- CARRIER AND CONTRACTOR PERSONNEL ARE NOT ALLOWED TO BRING PETS ON THE RIGHTS-OF-WAY IN ORDER TO MINIMIZE HARASSMENT OR KILLING OF WILDLIFE AND TO PREVENT THE INTRODUCTION OF DESTRUCTIVE DOMESTIC ANIMAL DISEASES TO NATIVE WILDLIFE POPULATIONS.
- PARKING OR DRIVING UNDERNEATH OAK TREES IS NOT ALLOWED IN ORDER TO PROTECT ROOT STRUCTURES EXCEPT IN ESTABLISHED TRAFFIC AREAS.
- PLANT OR WILDLIFE SPECIES MAY NOT BE COLLECTED FOR PETS OR FOR ANY OTHER REASON.
- LITTERING IS NOT ALLOWED. NEITHER CARRIER NOR CONTRACTOR PERSONNEL SHALL DEPOSIT OR LEAVE ANY FOOD OR WASTE ON THE RIGHTS-OF-WAY OR ADJACENT PROPERTY.
- WILDFIRES SHALL BE PREVENTED OR MINIMIZED BY EXERCISING CARE WHEN DRIVING AND BY NOT PARKING VEHICLES WHERE CATALYTIC CONVERTERS CAN IGNITE DRY VEGETATION. IN TIMES OF HIGH FIRE HAZARD, IT MAY BE NECESSARY FOR TRUCKS TO CARRY WATER AND SHOVELS, OR FIRE EXTINGUISHERS IN THE FIELD. THE USE OF SHIELDS, PROTECTIVE MATS, OR OTHER FIRE PREVENTION METHODS SHALL BE USED DURING GRINDING AND WELDING TO PREVENT OR MINIMIZE THE POTENTIAL FOR FIRE. CARE SHOULD BE EXHIBITED WHEN SMOKING IN NATURAL HABITATS.
- CARRIER AND CONTRACTOR FIELD CREWS SHALL REFER ENVIRONMENTAL ISSUES INCLUDING WILDLIFE RELOCATION, DEAD OR SICK WILDLIFE, HAZARDOUS WASTE, OR QUESTIONS ABOUT AVOIDING ENVIRONMENTAL IMPACTS TO CARRIER'S ENVIRONMENTAL FIELD MONITOR. CARRIER'S ENVIRONMENTAL FIELD MONITOR MAY NEED TO ENLIST BIOLOGISTS OR EXPERTS IN WILDLIFE HANDLING TO ASSIST WITH WILDLIFE RELOCATIONS

ANTENNA GENERAL INSTALLATION/CONSTRUCTION NOTES:

1. NEW STEEL (EXCEPT PIPE) SHALL CONFORM TO THE REQUIREMENTS OF THE "STANDARDS SPECIFICATION FOR STRUCTURAL STEEL" ASTM A36 (36 KSI YIELD POINT MATERIAL).
2. NEW STEEL PIPE SHALL CONFORM TO THE REQUIREMENTS OF THE "STANDARD SPECIFICATIONS FOR THE PIPE, STEEL BLACK AND HOT DIPPED, ZINC COATED, WELDED AND SEAMLESS" ASTM A53 TYPE E OR S GRADE B (35 KSI YIELD POINT MATERIAL) OR THE "STANDARD SPECIFICATIONS FOR HOT FORMED WELDED AND SEAMLESS CARBON STEEL STRUCTURAL TUBING" ASTM A 501 (36 KSI YIELD POINT MATERIAL). PIPE SHALL BE GALVANIZED INSIDE AND OUTSIDE.
3. NO HOLES SHALL BE MADE IN ANY STEEL MEMBERS OF SDG&E STEEL TRANSMISSION STRUCTURES UNLESS OTHERWISE AUTHORIZED BY SDG&E. SAID AUTHORIZATION SHALL BE IN WRITING. ALL NEW STEEL SHALL BE HOT-DIPPED GALVANIZED AFTER FABRICATION. GALVANIZING SHALL CONFORM TO THE REQUIREMENTS OF THE "SPECIFICATION FOR ZINC (HOT-GALVANIZED) COATING ON PRODUCTS FABRICATED FROM ROLLED, PRESSED AND FORGED STEEL SHAPES, PLANES, BARS, AND STRIP ASTM A123. AND THE "SPECIFICATION FOR ZINC-COATING (HOT-DIP) ON ASSEMBLED STEEL PRODUCTS" ASTM A386.
6. BOLTS SHALL BE GALVANIZED ACCORDING TO THE "STANDARD SPECIFICATIONS FOR ZINC-COATING (HOT-DIP) ON IRON AND STEEL HARDWARE" ASTM A153.
7. INFORMATION WAS TAKEN FROM EXISTING TOWER STRUCTURAL DRAWINGS. SDG&E HAS NOT MADE FIELD INSPECTION TO VERIFY TOWER MEMBER SIZE AND DIMENSIONS. IF THE EXISTING CONDITIONS ARE NOT AS REPRESENTED AS SHOWN ON DRAWINGS, SDG&E SHOULD BE CONTACTED IMMEDIATELY TO RE-EVALUATE THE STRUCTURAL INTEGRITY OF THE TOWER.
8. KNOWLEDGEABLE WORKMEN WITH TOWER CONSTRUCTION EXPERIENCE SHOULD ACCOMPLISH ANY STRUCTURAL MODIFICATION WORK SPECIFIED ON THESE SKETCHES.
9. DRAWINGS 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.
10. IT IS THE CONTRACTOR'S SOLE RESPONSIBILITY TO DETERMINE THE ERECTION PROCEDURE AND SEQUENCE TO INSURE THE STABILITY AND SAFETY OF THE TOWER AND PIPE RISER AND THE ADEQUACY OF TEMPORARY OR INCOMPLETE CONNECTIONS DURING CONSTRUCTION.
11. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE INITIATING, MAINTAINING AND SUPERVISING ALL SAFETY PRECAUTIONS AND PROGRAMS IN CONNECTION WITH THE WORK. THIS INCLUDES WHAT EVER PROVISIONS NEED TO BE TAKEN TO PROTECT THE PROPERTY IN THE VICINITY OF THE TOWER DURING CONSTRUCTION.
12. THE STRUCTURAL ANALYSIS ASSUMES THAT ALL TOWER COMPONENTS ARE IN BRAND-NEW CONDITION. NO ALLOWANCE WAS MADE FOR ANY DAMAGED, MISSING OR RUSTED MEMBERS. IF ANY OF THESE CONDITIONS ARE DISCOVERED THE CONTRACTOR SHALL BRING THEM TO THE ATTENTION OF SDG&E.
13. THE TOWER HAS BEEN ANALYZED ACCORDING TO THE ELECTRIC UTILITY'S REQUIREMENTS. IF THE TOWER MOUNT OWNER OR LOCAL OR STATE AGENCIES REQUIRE A HIGHER DIVISION WIND VELOCITY, AND/OR ICE CONDITIONS, SDG&E SHOULD BE MADE AWARE OF THESE REQUIREMENTS.
14. DURING CONSTRUCTION THE CONTRACTOR SHALL COORDINATE WITH THE ELECTRIC UTILITY AND CORDON OFF AREAS BELOW AND AROUND THE WORK TO PREVENT INJURY TO PERSONS AND/OR PROPERTY BELOW. DAMAGE RESULTING FROM THE CONSTRUCTION WORK SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE.
15. DRAWINGS SHOULD SHOW DETAILS OF THE FABRICATED MATERIAL AS WELL AS DETAILS OF ATTACHING THIS NEW MATERIAL TO AN EXISTING STRUCTURE. THE CONTRACTOR IS RESPONSIBLE FOR ATTACHING MATERIAL TO THE EXISTING STRUCTURE AT LOCATIONS SPECIFIED. THE CONTRACTOR SHALL FIELD VERIFY THAT THE SPECIFIED LOCATIONS WILL HAVE PROPER FIT AND CLEARANCE. SDG&E SHOULD BE CONTACTED IF THE EXISTING CONDITIONS ARE DIFFERENT THAN THOSE SPECIFIED BY SDG&E.
16. ALL FIELD CUT SURFACES, FIELD DRILLED HOLE SURFACES, AND DAMAGED GALVANIZED SURFACES SHALL BE REPAIRED WITH "GALVANOX" PAINT OR EQUAL.
17. THE MINIMUM EDGE DISTANCE FOR ALL HORIZONTAL BRACING MEMBERS USED TO CONNECT THE PIPE RISER TO THE EXISTING LATTICE STRUCTURE SHALL BE 1.25" FOR 5/8" DIAMETER BOLTS AND 1.25" FOR 3/4" DIAMETER MINIMUM EDGE DISTANCE BEING DEFINED AS THE MINIMUM DIMENSION PARALLEL TO THE LONG AXIS OF THE BRACING MEMBERS, WHICH EXTENDS FROM THE EDGE OF METAL TO THE CENTERLINE OF THE CONNECTION HOLE.
18. PCS SYSTEM GROUNDING CAN BE TIED TO THE TOWER GROUNDING SYSTEM. PROTECTION FROM FAULT OCCURRENCE IS THE SOLE RESPONSIBILITY OF THE PCS CARRIER. ALL OBJECTS MOUNTED ON ANY SDG&E STRUCTURE SHALL BE GROUNDED OR ELECTRICALLY CONNECTED TO THE STEEL STRUCTURE.



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1997 ANNAPOLIS EXCHANGE PKWY, SUITE 200 ANNAPOLIS, MD 21401 TEL: (949) 387-1265 FAX: (949) 387-1275



4430 E. MIRALOMA AVE. SUITE D ANAHEIM, CALIFORNIA 92807

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CLL01430
SDGE MARGARITA SUBSTATION
23082 ANTONIO PKWY
LADERA RANCH, CA 92694
MONO-EUCALYPTUS (INDOOR)

DRAWN BY: EMS	CHECKED BY: JS
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SHEET TITLE:
SDGE NOTES

SHEET NUMBER:
GN-1

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MONO-EUCALYPTUS (INDOOR)

DRAWN BY: EMS
CHECKED BY: JS

SHEET TITLE:
GENERAL SIGNAGE

SHEET NUMBER:
GN-1


NOTICE




Beyond This Point you are entering a controlled area where RF emissions may exceed the FCC General Population Exposure Limits.

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

Ref: 47CFR 1.1307(b)




CAUTION



Beyond This Point you are entering a controlled area where RF emissions may exceed the FCC Occupational Exposure Limits.

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

Ref: 47CFR 1.1307(b)




ALERTING SIGNS
NO SCALE

WARNING!

DANGER DO NOT TOUCH TOWER!
SERIOUS "RF" BURN HAZARD!

MAINTAIN AN ADEQUATE CLEARANCE BETWEEN TOWER SUPPORTS AND GUY WIRES

FAIL TO OBEY ALL POSTED SIGNS AND SITE GUIDELINES FOR WORKING IN A RADIO FREQUENCY ENVIRONMENT COULD RESULT IN SERIOUS INJURY. CONTACT CURRENT MAY EXCEED LIMITS PRESCRIBED IN ANSI Z39.1 - 1988 FOR CONTROLLED ENVIRONMENTS.




ALERTING SIGN
NO SCALE

PROPERTY OF AT&T

AUTHORIZED PERSONNEL ONLY

IN CASE OF EMERGENCY, OR PRIOR TO PERFORMING MAINTENANCE ON THIS SITE, CALL: 800-638-2822 AND REFERENCE CELL SITE NUMBER.



INFO SIGN #5
NO SCALE



INFO SIGN #3
NO SCALE

INFORMATION

AT&T operates telecommunications antennas at this location. Remain at least 3 feet away from any antenna and obey all posted signs.

Contact the owner(s) of the antenna(s) before working closer than 3 feet from the antenna.

Contact AT&T at _____ prior to performing any maintenance or repairs near AT&T antennas. This is Site # _____.

Contact the management office if this door/hatch/gate is found unlocked.

INFORMACION


En esta propiedad se ubican antenas de telecomunicaciones operadas por AT&T. Favor mantener una distancia de no menos de 3 pies y obedecer todos los avisos.

Comuníquese con el propietario o los propietarios de las antenas antes de trabajar o caminar a una distancia de menos de 3 pies de la antena.

Comuníquese con AT&T _____ antes de realizar cualquier mantenimiento o reparaciones cerca de las antenas de AT&T.

Esta es la estación base número _____.

Favor comunicarse con la oficina de la administración del edificio si esta puerta o compuerta se encuentra sin cerrada.



INFO SIGN #1
NO SCALE

INFORMATION

ACTIVE ANTENNAS ARE MOUNTED

ON THE OUTSIDE OF THIS BUILDING


BEHIND THIS PANEL

ON THIS STRUCTURE

STAY BACK A MINIMUM OF 3 FEET FROM THESE ANTENNAS

Contact AT&T at _____ and follow their instructions prior to performing any maintenance or repairs closer than 3 feet from the antennas.

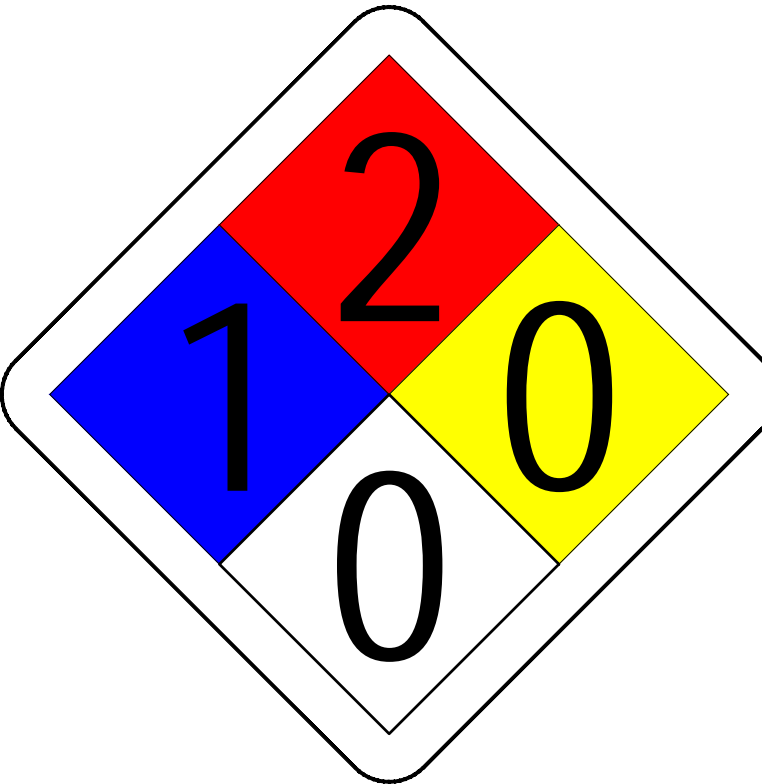
This is AT&T site # _____



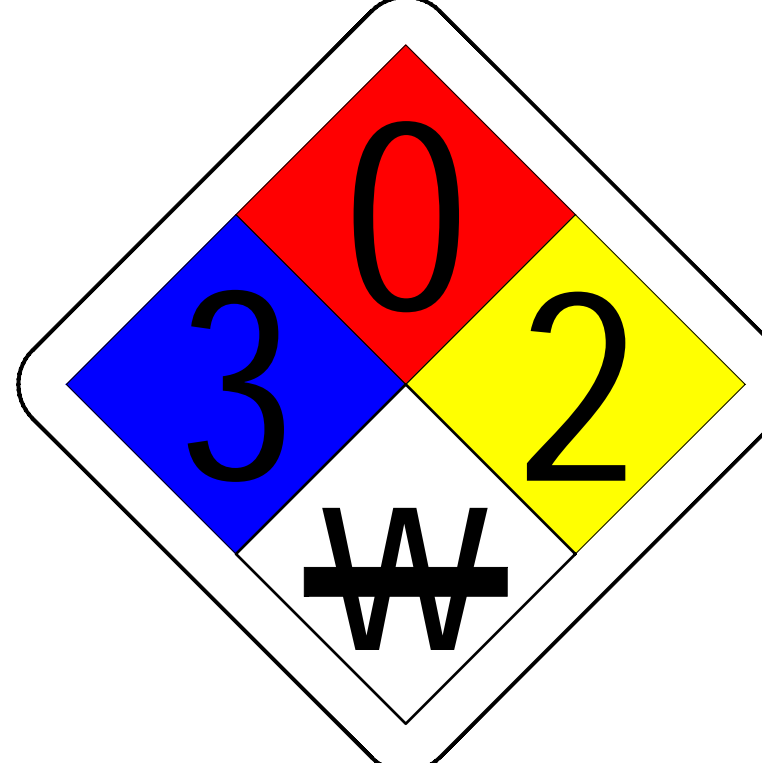
INFO SIGN #2
NO SCALE



NFPA SIGN
NO SCALE




ALERTING SIGN
NO SCALE



THIS ROOM CONTAINS
LEAD ACID BATTERY SYSTEMS
AND
ENERGIZED CIRCUITS
Electrolyte Solutions Are Corrosive

NFPA SIGN
NO SCALE

STAY BACK 3 FEET FROM ANTENNA



GENERAL SIGNAGE GUIDELINES

Structure Type	INFO SIGN #1	INFO SIGN #2	INFO SIGN #3	INFO SIGN #4	INFO SIGN #5	STRIPING	NOTICE SIGN	CAUTION SIGN
Towers								
Monopole/Monopole/Monopole	entrance gates, shelter doors OR on the outdoor cabinets	climbing side of the Tower	On backside of Antennas	On the side of Antennas	On the shelter door or on one outdoor equipment cabinet			At the height of the first climbing step, min. 9ft above ground
SCE Towers/ Towers with high voltage	entrance gates, shelter doors OR on the outdoor cabinets	climbing side of the Tower	On backside of Antennas	On the side of Antennas	On the shelter door or on one outdoor equipment cabinet			At the height of the first climbing step, min. 9ft above ground
Light Poles / Flag Poles	entrance gates, shelter doors OR on the outdoor cabinets	on the pole, no less than 3ft below the Antenna and no less than 9ft above ground	On backside of Antennas	On the side of Antennas	On the shelter door or on one outdoor equipment cabinet			
Utility Wood Poles (JPA)	entrance gates, shelter doors OR on the outdoor cabinets	on the pole, no less than 3ft below the Antenna and no less than 9ft above ground	On backside of Antennas	On the side of Antennas	On the shelter door or on one outdoor equipment cabinet			If GP max value of MPE at antenna level is: 0-99%; Notice sign; over 99%; Caution sign at no less than 3ft below antenna and 9ft above ground
Microcells mounted on non-JPA poles	entrance gates, shelter doors OR on the outdoor cabinets	on the pole, no less than 3ft below the Antenna and no less than 9ft above ground	On backside of Antennas	On the side of Antennas	On the shelter door or on one outdoor equipment cabinet			Notice or Caution sign at no less than 9ft above ground; only if the exposure exceeds 90% of the General Public exposure at 9ft above ground or at outside surface of adjacent buildings
Rooftops								
At all access points to the roof	X							
On Antennas	X		X	X				
Concealed Antennas	X	X						
antennas mounted facing outside the building	X	X						
antennas on support structure	X	X						
RoofView Graph:								
Radiation area is within 3ft from antenna	X	adjacent to each antenna				diagonal, yellow striping as to RoofView graph		either Notice or Caution sign (based on RoofView results) at antennas/barrier
Radiation area is beyond 3ft from antenna	X	adjacent to each antenna						
Church Steeples	Access to steeple	adjacent to antennas if antennas are concealed	On backside of Antennas	On the side of Antennas	On the shelter door or On one outdoor equipment cabinet			Caution sign at the antennas
Water Stations	Access to ladder	adjacent to antennas if antennas are concealed	On backside of Antennas	On the side of Antennas	On the shelter door or On one outdoor equipment cabinet			Caution sign beside Info sign #1, min. 9ft above ground

Notes for Rooftop sites:
1. Either NOTICE or CAUTION signs need to be posted at each sector as close as possible to: the outer edge of the striped off area or the outer antennas of the sector.
2. If RoofView shows: only blue = Notice Sign, blue and yellow = Caution Sign, only yellow = Caution Sign to be installed.
3. Should the required striping area interfere with any structures or equipment (A/C, vents, roof hatch, doors, other antennas, dishes, etc.), please notify AT&T to modify the striping area, prior to starting the work.

SIGNAGE GUIDELINES CHART
NO SCALE

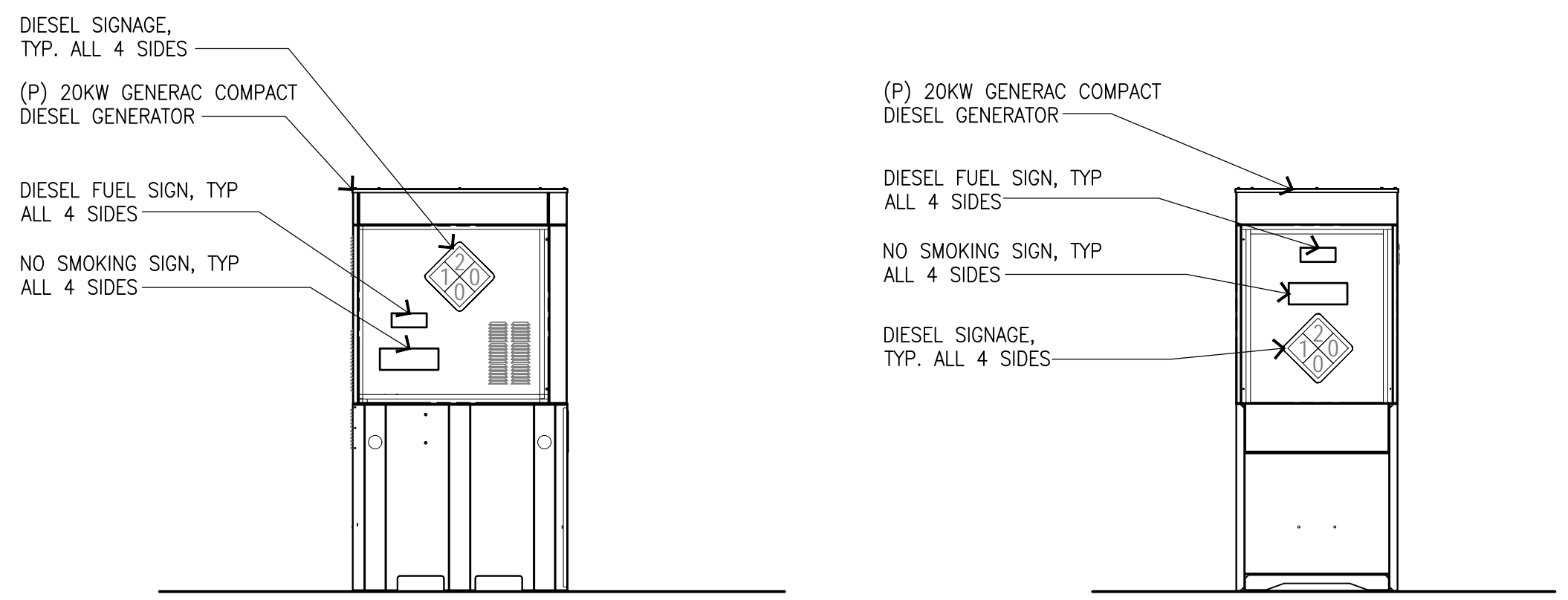
DANGER

DIESEL FUEL
NO SMOKING
NO OPEN FLAMES

NO SMOKING SIGN
NO SCALE

51 GALLON CAPACITY

GALLON CAPACITY SIGN
NO SCALE



GENERATOR SIGNAGE DETAIL

SCHEDULE "B" NOTE

REFERENCE IS MADE TO THE TITLE REPORT ORDER #92017581-920-CMM-CMB, ISSUED BY COMMONWEALTH LAND TITLE INSURANCE COMPANY, DATED MARCH 30, 2022. ALL EASEMENTS CONTAINED WITHIN SAID TITLE REPORT AFFECTING THE IMMEDIATE AREA SURROUNDING THE LEASE HAVE BEEN PLOTTED.

ITEMIZED NOTES:

1. WATER RIGHTS, CLAIMS OR TITLE TO WATER, WHETHER OR NOT DISCLOSED BY THE PUBLIC RECORDS. (NOTHING TO SHOW)
2. EASEMENT(S) FOR THE PURPOSE(S) SHOWN BELOW AND RIGHTS INCIDENTAL THERETO, AS GRANTED IN A DOCUMENT:
GRANTED TO: THE COUNTY OF ORANGE
PURPOSE: DITCHES AND/OR WATER RIGHTS TO THE SURFACE FLOW OF TRABUCO CREEK
RECORDING DATE: MARCH 8, 1934
RECORDING NO: BOOK 666, PAGE 27 OF OFFICIAL RECORDS
AFFECTS: A PORTION OF SAID LAND
THE EXACT LOCATION AND EXTENT OF SAID EASEMENT IS NOT DISCLOSED OF RECORD. REFERENCE IS HEREBY MADE TO SAID DOCUMENT FOR FULL PARTICULARS.
(EXACT LOCATION INDETERMINATE - NOT SHOWN)
3. MATTERS CONTAINED IN THAT CERTAIN DOCUMENT
ENTITLED: COMMON USE AGREEMENT
DATED: JUNE 17 1985
EXECUTED BY: SAN DIEGO PIPELINE COMPANY AND SANTA MARGARITA WATER DISTRICT
RECORDING DATE: FEBRUARY 5, 1988
RECORDING NO: 88-54228 OF OFFICIAL RECORDS
REFERENCE IS HEREBY MADE TO SAID DOCUMENT FOR FULL PARTICULARS.
(EXACT LOCATION INDETERMINATE - NOT SHOWN)
4. MATTERS CONTAINED IN THAT CERTAIN DOCUMENT
ENTITLED: ACCEPTANCE
DATED: FEBRUARY 5, 1990
EXECUTED BY: COUNTY OF ORANGE
RECORDING DATE: AUGUST 7, 1990
RECORDING NO: 90-416328 OF OFFICIAL RECORDS
REFERENCE IS HEREBY MADE TO SAID DOCUMENT FOR FULL PARTICULARS.
(NOTHING TO SHOW)
5. EASEMENT(S) FOR THE PURPOSE(S) SHOWN BELOW AND RIGHTS INCIDENTAL THERETO AS RESERVED IN A DOCUMENT;
RESERVED BY: SANTA MARGARITA COMPANY
PURPOSE: PURPOSES OF GRADING, EXCAVATING, CONSTRUCTING, MAINTAINING, REPAIRING, INSPECTING, LANDSCAPING, IRRIGATING AND RENEWING MANUFACTURED SLOPES ADJACENT TO ANTONIO PARKWAY, TOGETHER WITH THE INCIDENTAL RIGHTS TO ENTER UPON, PASS AND REPASS AND TO DEPOSIT TOOLS, IMPLEMENTS AND OTHER MATERIALS OVER AND ALONG THE SLOPE EASEMENT AREA IN CONNECTION WITH THE FOREGOING PURPOSES, PROVIDED, HOWEVER THAT GRANTOR SHALL OBTAIN PRIOR WRITTEN APPROVAL FROM GRANTEE FOR IMPROVEMENTS WITHIN SAID SLOPE EASEMENT AREA TO INSURE THAT GRANTOR'S IMPROVEMENTS DO NOT INTERFERE WITH OR ENDANGER GRANTEE'S USE AND ENJOYMENT OF SAID PROPERTY TOGETHER WITH THE RIGHT TO REVIEW AND COMMENT ON ALL MAJOR PROPOSED IMPROVEMENTS AND/OR LANDSCAPING TO BE CONSTRUCTED AND/OR PLANTED ON THE PROPERTY
RECORDING DATE: DECEMBER 29, 1992
RECORDING NO: 92-886653 OF OFFICIAL RECORDS
AFFECTS: A PORTION OF SAID LAND
REFERENCE IS HEREBY MADE TO SAID DOCUMENT FOR FULL PARTICULARS.
(EXACT LOCATION INDETERMINATE - NOT SHOWN)
6. AN UNRECORDED MORTGAGE AND DEED OF TRUST, EXECUTED BY SAN DIEGO GAS AND ELECTRIC COMPANY TO THE BANK OF CALIFORNIA, NATIONAL ASSOCIATION (NOW BANKERS TRUST COMPANY OF CALIFORNIA), AS TRUSTEE, DATED JULY 1, 1940 AND ENTERED INTO AS OF DECEMBER 21, 1992, TO SECURE PAYMENT OF ALL BONDS OF THE SAN DIEGO GAS AND ELECTRIC COMPANY AT ANY TIME OUTSTANDING THEREUNDER, SUBJECT TO THE SAME TERMS AND CONDITIONS CONTAINED IN THAT CERTAIN MORTGAGE AND DEED OF TRUST FROM SAN DIEGO GAS AND ELECTRIC COMPANY TO THE BANK OF CALIFORNIA, NATIONAL ASSOCIATION, AS TRUSTEE, DATED JULY 1, 1940 AND RECORDED OCTOBER 10, 1940 IN BOOK 1087, PAGE 1 OF OFFICIAL RECORDS OF SAN DIEGO COUNTY, CALIFORNIA, TOGETHER WITH ALL SUPPLEMENTS THERETO.

DISCLOSED BY A MEMORANDUM OF MORTGAGE RECORDED DECEMBER 31, 1992 AS INSTRUMENT NO. 92-898721 OF OFFICIAL RECORDS.
REFERENCE IS HEREBY MADE TO SAID DOCUMENT FOR FULL PARTICULARS.
(NOTHING TO SHOW)
7. EASEMENT(S) FOR THE PURPOSE(S) SHOWN BELOW AND RIGHTS INCIDENTAL THERETO, AS GRANTED IN A DOCUMENT:
GRANTED TO: SAN DIEGO GAS AND ELECTRIC COMPANY, A CORPORATION
PURPOSE: TRANSMISSION AND DISTRIBUTION OF ELECTRICITY AND TELEPHONE, SIGNAL AND COMMUNICATION AND ALL OTHER PURPOSES
RECORDING DATE: FEBRUARY 10, 1993
RECORDING NO: 93-91210 OF OFFICIAL RECORDS
AFFECTS: A PORTION OF SAID LAND
AFFECTS: THE HEREIN DESCRIBED LAND AND OTHER LAND.
(AS SHOWN ON SURVEY)
8. EASEMENT(S) FOR THE PURPOSE(S) SHOWN BELOW AND RIGHTS INCIDENTAL THERETO, AS GRANTED IN A DOCUMENT:
GRANTED TO: SAN DIEGO GAS AND ELECTRIC COMPANY, A CORPORATION
PURPOSE: TRANSMISSION AND DISTRIBUTION OF ELECTRICITY AND TELEPHONE, SIGNAL AND COMMUNICATION AND ALL OTHER PURPOSES
RECORDING DATE: FEBRUARY 10, 1993
RECORDING NO: 93-91214 OF OFFICIAL RECORDS
AFFECTS: A PORTION OF SAID LAND
AFFECTS: THE HEREIN DESCRIBED LAND AND OTHER LAND.
(DOES NOT AFFECT PARENT PARCEL - NOT SHOWN)

9. EASEMENT(S) FOR THE PURPOSE(S) SHOWN BELOW AND RIGHTS INCIDENTAL THERETO, AS GRANTED IN A DOCUMENT:
GRANTED TO: SAN DIEGO GAS AND ELECTRIC COMPANY
PURPOSE: RECONSTRUCT, USE, MAINTAIN AND REPAIR ANY EXISTING ROADWAYS; AND/OR INSTALL, PLACE, LAY, CONSTRUCT, OPERATE, USE, PATROL, MAINTAIN, GRADE, REPAIR, REPLACE AND RECONSTRUCT ADDITIONAL ROADWAYS
RECORDING DATE: JULY 7, 1994
RECORDING NO: 94-443053 OF OFFICIAL RECORDS
AFFECTS: A PORTION OF SAID LAND
AFFECTS: THE HEREIN DESCRIBED LAND AND OTHER LAND.
(DOES NOT AFFECT PARENT PARCEL - NOT SHOWN)
10. MATTERS CONTAINED IN THAT CERTAIN DOCUMENT
ENTITLED: JOINT USE AGREEMENT
DATED: MARCH 16, 1993
EXECUTED BY: SANTA FE PACIFIC PARTNERS, L.P., AND SAN DIEGO GAS AND ELECTRIC COMPANY, A CORPORATION
RECORDING DATE: MARCH 26, 1993
RECORDING NO: 93- 185764 OF OFFICIAL RECORDS
REFERENCE IS HEREBY MADE TO SAID DOCUMENT FOR FULL PARTICULARS.
AFFECTS: THE HEREIN DESCRIBED LAND AND OTHER LAND.
AND RE-RECORDING DATE: JULY 27, 1995
AND RE-RECORDING NO: 95-321260 OF OFFICIAL RECORDS
(EXACT LOCATION INDETERMINATE - NOT SHOWN)
11. EASEMENT(S) FOR THE PURPOSE(S) SHOWN BELOW AND RIGHTS INCIDENTAL THERETO, AS GRANTED IN A DOCUMENT:
GRANTED TO: COUNTY OF ORANGE
PURPOSE: DRAINAGE
RECORDING DATE: JULY 12, 1999
RECORDING NO: 99-513547 OF OFFICIAL RECORDS
AFFECTS: A PORTION OF SAID LAND
REFERENCE IS HEREBY MADE TO SAID DOCUMENT FOR FULL PARTICULARS.
(AS SHOWN ON SURVEY)
12. THE FACT THAT THE PUBLIC RECORD DOES NOT DISCLOSE THAT THE OWNERSHIP OF SAID LAND INCLUDES RIGHTS OF ACCESS TO OR FROM ANY PUBLIC STREET, NOTWITHSTANDING THE INSURING CLAUSES OF THE POLICY, THE COMPANY DOES NOT INSURE AGAINST LOSS OR DAMAGE BY REASON OF A LACK OF A RIGHT OF ACCESS TO AND FROM THE LAND.
(NOTHING TO SHOW)
13. INFORMATION IN POSSESSION OF THE COMPANY INDICATES THAT A DIVISION OF LAND, AS DEFINED IN GOVERNMENT CODE SECTION 66424, IS CONTEMPLATED IN THE CURRENT TRANSACTION INVOLVING THE LAND DESCRIBED IN THIS REPORT. SUCH CONTEMPLATED DIVISION OF LAND WOULD APPEAR TO FALL WITHIN THE PURVIEW OF THE SUBDIVISION MAP ACT (COMMENCING WITH GOVERNMENT CODE SECTION 66410), AND AS A PREREQUISITE TO THE ISSUANCE OF ANY TITLE ASSURANCE UNDER THIS APPLICATION, AT LEAST ONE OF THE FOLLOWING REQUIREMENTS MUST BE ACCOMPLISHED TO THIS COMPANY'S SATISFACTION:
 - (a) THAT A FINAL (TRACT) MAP HAS BEEN RECORDED IN COMPLIANCE WITH THE SUBDIVISION MAP ACT AND RELATED ORDINANCES;
 - (b) THAT A PARCEL MAP HAS BEEN RECORDED IN COMPLIANCE WITH THE SUBDIVISION MAP ACT AND RELATED ORDINANCES;
 - (c) THAT A CERTIFICATE OF COMPLIANCE AS PROVIDED FOR IN THE SUBDIVISION MAP ACT HAS BEEN RECORDED, OR WILL BE RECORDED THROUGH THIS APPLICATION.
 - (d) OTHER EVIDENCE, SATISFACTORY TO THIS COMPANY, INDICATING COMPLIANCE OR NONVIOLATION MUST BE FURNISHED.
 (NOTHING TO SHOW)
14. PLEASE BE ADVISED THAT OUR SEARCH DID NOT DISCLOSE ANY OPEN DEEDS OF TRUST OF RECORD. IF YOU SHOULD HAVE KNOWLEDGE OF ANY OUTSTANDING OBLIGATION, PLEASE CONTACT THE TITLE DEPARTMENT IMMEDIATELY FOR FURTHER REVIEW PRIOR TO CLOSING.
(NOTHING TO SHOW)
15. ANY RIGHTS OF THE PARTIES IN POSSESSION OF A PORTION OF, OR ALL OF, SAID LAND, WHICH RIGHTS ARE NOT DISCLOSED BY THE PUBLIC RECORDS. THE COMPANY WILL REQUIRE, FOR REVIEW, A FULL AND COMPLETE COPY OF ANY UNRECORDED AGREEMENT, CONTRACT, LICENSE AND/OR LEASE, TOGETHER WITH ALL SUPPLEMENTS, ASSIGNMENTS AND AMENDMENTS THERETO, BEFORE ISSUING ANY POLICY OF TITLE INSURANCE WITHOUT EXCEPTING THIS ITEM FROM COVERAGE. THE COMPANY RESERVES THE RIGHT TO EXCEPT ADDITIONAL ITEMS AND/OR MAKE ADDITIONAL REQUIREMENTS AFTER REVIEWING SAID DOCUMENTS.
(NOTHING TO SHOW)

LESSOR'S LEGAL DESCRIPTION

THE LAND REFERRED TO HEREIN BELOW IS SITUATED LADERA RANCH, IN THE COUNTY OF ORANGE, STATE OF CALIFORNIA, AND IS DESCRIBED AS FOLLOWS:

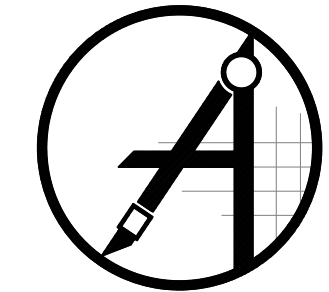
ALL THAT CERTAIN REAL PROPERTY SITUATED IN THE CITY OF LADERA RANCH, COUNTY OF ORANGE, STATE OF CALIFORNIA, DESCRIBED AS FOLLOWS:

THAT CERTAIN PORTION OF PARCEL 2 AS SHOWN ON AND DESCRIBED IN CERTIFICATE OF COMPLIANCE NO. 82-2 RECORDED SEPTEMBER 3, 1982 AS INSTRUMENT NO. 82-313505 OF OFFICIAL RECORDS OF IN THE CITY OF LADERA RANCH, COUNTY OF ORANGE, STATE OF CALIFORNIA, BEING A PORTION OF THE EAST HALF OF SECTION 20, TOWNSHIP 7 SOUTH, RANGE 7 WEST, LYING WITHIN RANCHO MISSION VIEJO OR LA PAZ, AS SHOWN ON A RECORD OF SURVEY SECTIONING SAID RANCHO MISSION VIEJO OR LA PAZ RECORDED IN BOOK 9, PAGES 15 THROUGH 22 INCLUSIVE OF RECORD OF SURVEYS IN THE OFFICE OF THE COUNTY RECORDER OF SAID COUNTY, DESCRIBED AS FOLLOWS:

COMMENCING AT A FOUND 2 INCH PIPE SET FORTH IN THE SECTION CORNER COMMON TO SECTIONS 16, 17, 20 AND 21 OF SAID TOWNSHIP 7 SOUTH, RANGE 7 WEST SAID CORNER IS SHOWN ON SAID RECORD OF SURVEY RECORDED IN BOOK 9, PAGES 15 THROUGH 22, INCLUSIVE; SAID CORNER ALSO BEARS NORTH 89° 15' 03" WEST, 5,220.08FEET (RECORD NORTH 89° 58' 00" WEST, 5,222.67FEET) FROM A FOUND 2 INCH PIPE SET FORTH THE SECTION CORNER COMMON TO SECTIONS 15, 16, 21 AND 22 OF SAID TOWNSHIP 7 SOUTH, RANGE 7 WEST; THENCE FROM SAID COMMON SECTION CORNER SOUTH 13° 40' 00" WEST, A DISTANCE OF 1,941.95 FEET TO THE TRUE POINT OF BEGINNING OF THE PARCEL OF LAND HEREIN DESCRIBED; THENCE FROM SAID TRUE POINT OF BEGINNING SOUTH 16° 33' 55" WEST, A DISTANCE OF 911.18 FEET; THENCE NORTH 73° 26' 05" WEST, A DISTANCE OF 750.00 FEET; THENCE NORTH 16° 33' 55" EAST, A DISTANCE OF 1,043.43 FEET; THENCE SOUTH 63° 26' 05" EAST, A DISTANCE OF 761.58 FEET TO THE TRUE POINT OF BEGINNING.



1452 EDINGER AVENUE
3RD FLOOR
TUSTIN, CA 92780



428 MAIN STREET
SUITE 206
HUNTINGTON BEACH, CA 92648
PH. (480) 659-4072
www.ambitconsulting.us



4430 E. MIRALOMA AVE. SUITE D
ANAHEIM, CALIFORNIA 92807

REV	DATE	DESCRIPTION
1	12/05/22	TITLE/DESIGN (SM)
A	09/26/22	PRELIMINARY (RR)



PATRICK B. DONOHOE
P.L.S. NO. 9332

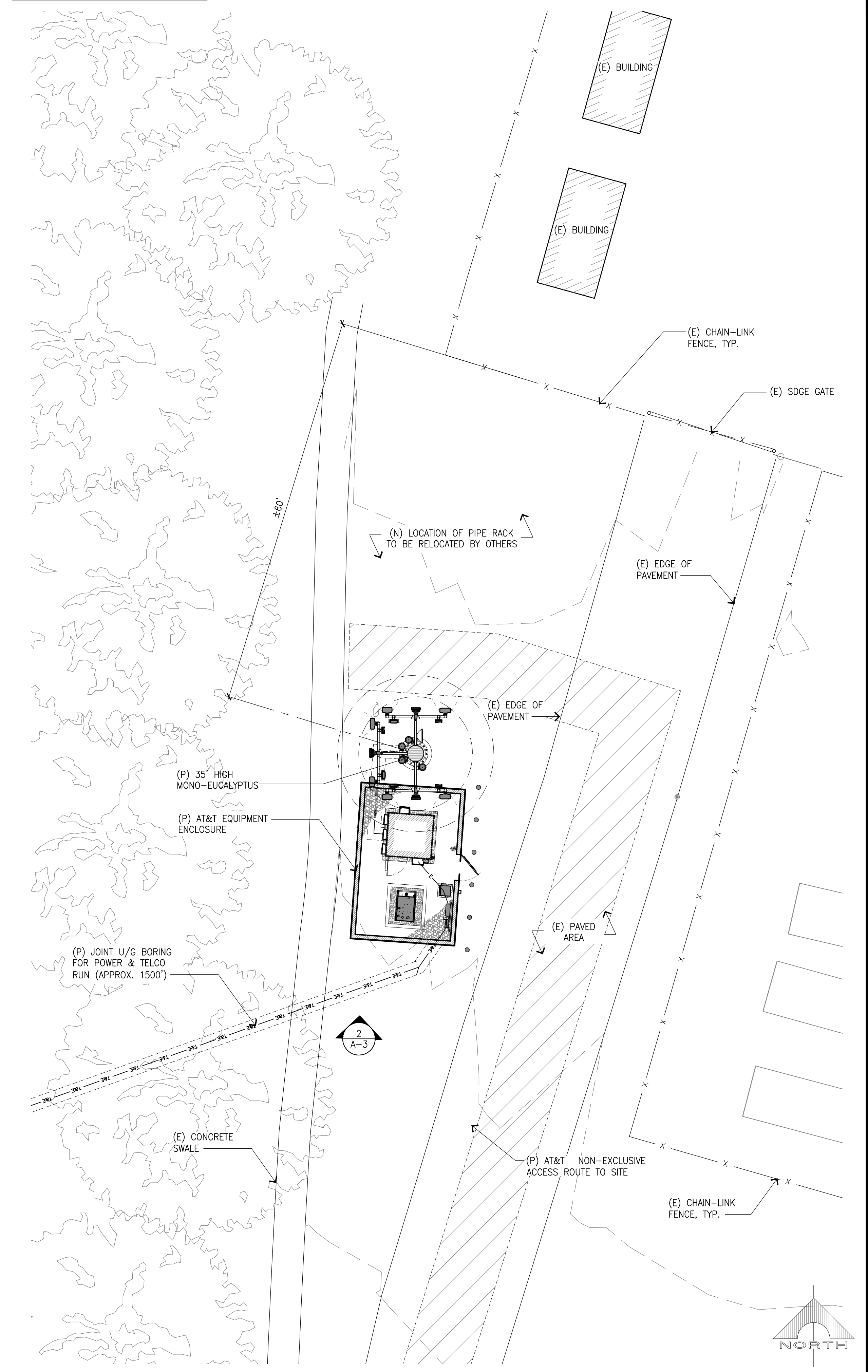
IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL SURVEYOR, TO ALTER THIS DOCUMENT.

CLL01430
AVENDALE BOULEVARD &
ANTONIO PARKWAY
LADERA RANCH, CA, 92694

SHEET TITLE
NOTES

SHEET NUMBER
LS-2

NOTE:
EXISTING PIPE RACK AT TO BE RELOCATED
TO ANOTHER LOCATION BY OTHERS



AT&T
1452 EDINGER AVE.
TUSTIN, CALIFORNIA 92780

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smartlink
1997 ANNAPOLIS EXCHANGE PKWY, SUITE 200
ANNAPOLIS, MD 21401
TEL: (949) 387-1265
FAX: (949) 387-1275

CASA INDUSTRIES
4430 E. MIRALOMA AVE. SUITE D
ANAHEIM, CALIFORNIA 92807

REV	DATE	DESCRIPTION
6	11/07/23	100% ZD - REVISED PER PLANNING
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4	06/22/23	100% ZD - REVISED PER PLANNING
3	03/15/23	100% ZD - REVISED PER SDGE
2	01/26/23	100% ZD - REVISED PER SDGE
1	12/12/22	REVISED 95% ZONING DRAWINGS
0	05/05/22	95% ZONING DRAWINGS
A	04/18/22	90% ZONING DRAWINGS

NOT TO BE USED FOR CONSTRUCTION

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CLL01430
SDGE MARGARITA SUBSTATION
23082 ANTONIO PKWY
LADERA RANCH, CA 92694
MONO-EUCALYPTUS (INDOOR)

DRAWN BY: EMS
CHECKED BY: JS

SHEET TITLE:
(PIPE RACK LOCATION)
ENLARGED SITE PLAN

SHEET NUMBER:
A-1.1

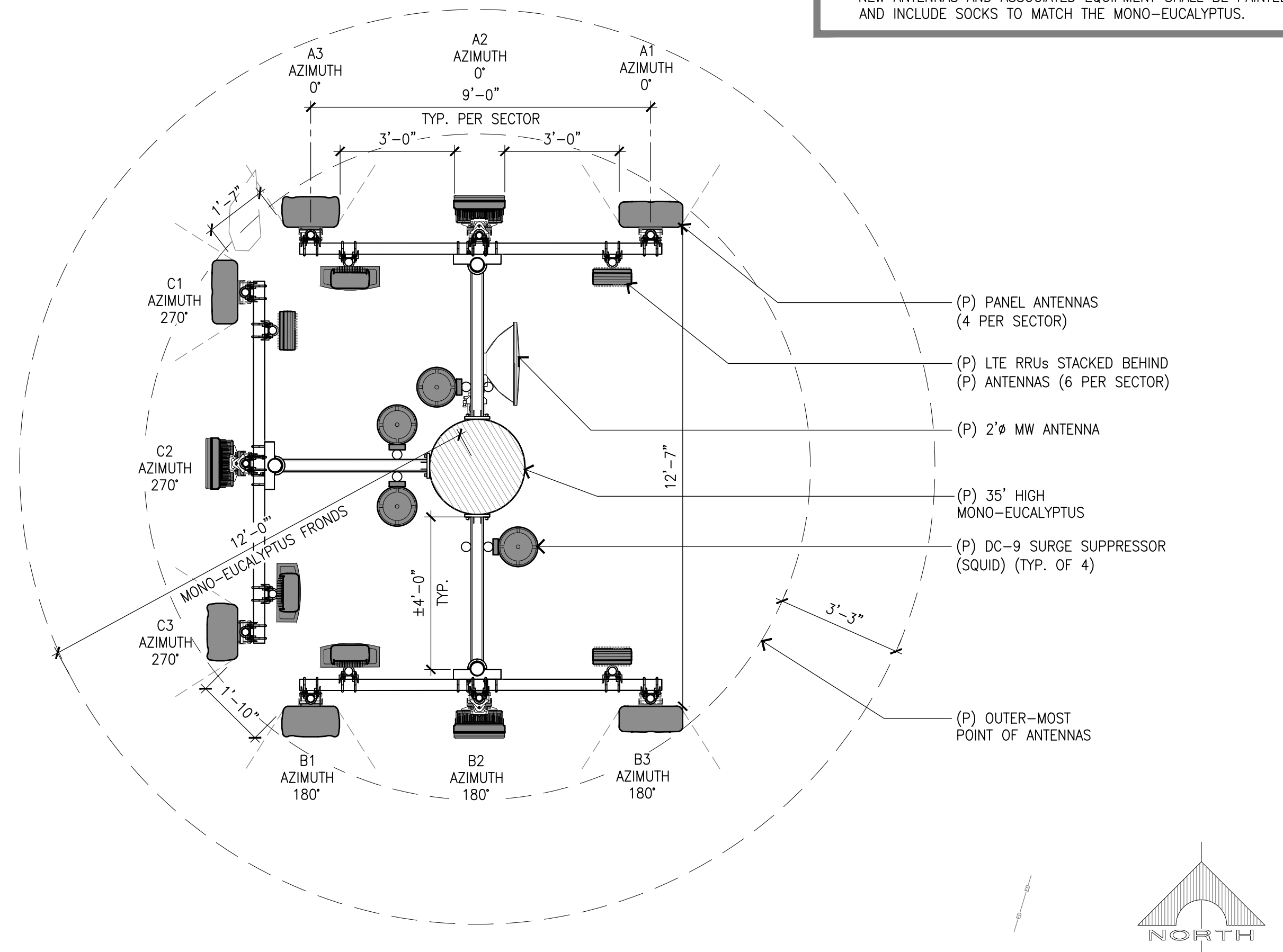
ENLARGED SITE PLAN (PIPE RACK LOCATION)

SCALE: 1"=10'-0"

1

ANTENNA PLAN

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



NOTE:
NEW ANTENNAS AND ASSOCIATED EQUIPMENT SHALL BE PAINTED AND INCLUDE SOCKS TO MATCH THE MONO-EUCALYPTUS.

FIRE DEPARTMENT NOTES:
OCFA INSPECTION REQUIRED. SCHEDULE AT LEAST 2 DAYS IN ADVANCE. @ 714-573-6150. A CFC PERMIT IS REQUIRED FOR ABOVEGROUND TANKS USED FOR THE STORAGE OF COMBUSTIBLE LIQUIDS. THIS PERMIT WILL BE ISSUED BY AN OCFA INSPECTOR. AREAS SHALL BE KEPT FREE OF WEEDS AND COMBUSTIBLE MATERIALS.

ANTENNA AND RRU SCHEDULE (PENDING RFDS)

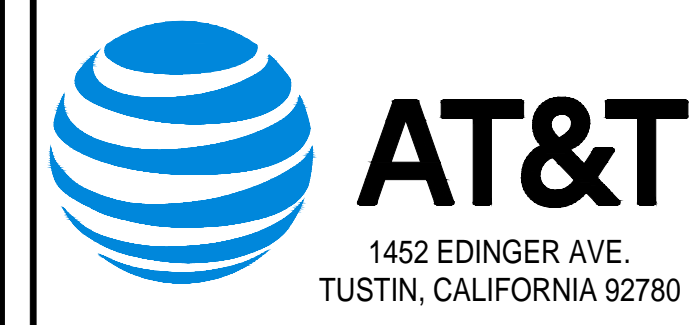
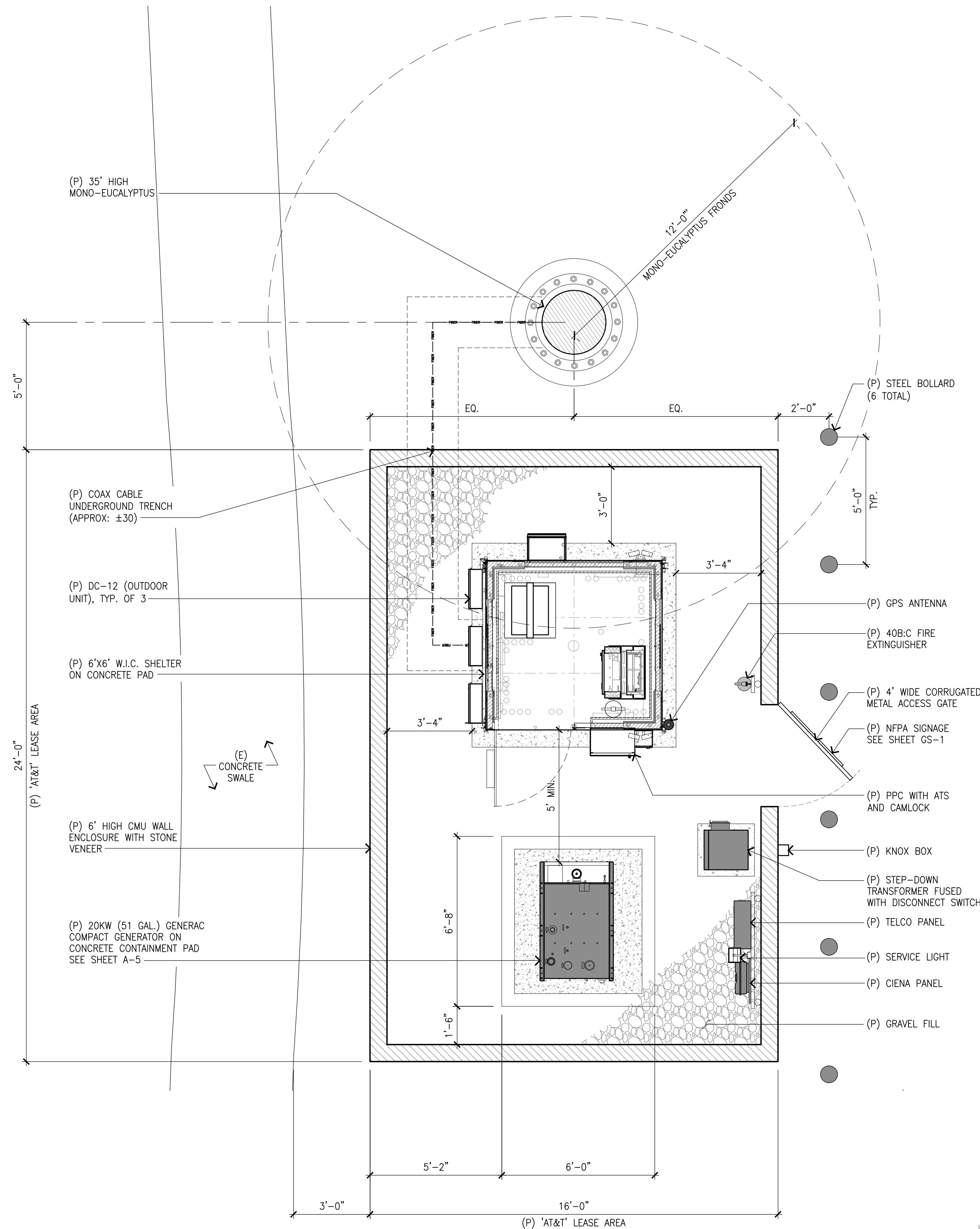
3

PROPOSED ANTENNA AND TRANSMISSION CABLE REQUIREMENTS								
SECTOR	PROPOSED TECHNOLOGY	ANTENNA		ANTENNA AZIMUTH	RAD CENTER	TRANSMISSION LINES (LENGTH FT +/-)		
		AIR/HEX/8-PORT	SIZE (4', 6', 8')			JUMPER	DC CABLE (AWG #6)	
ALPHA SECTOR	A1	LTE	COMMSCOPE NNH4-65C-R6-V3	8'	0°	30'-0"	<12'	+/- 60'
	A2	LTE	ERICSSON AIR6449 N77D	2'-7"	0°	32'-8"	<12'	+/- 60'
	A3	LTE	ERICSSON AIR6419 N77G	2'-4"	0°	29'-1"	<12'	+/- 60'
BETA SECTOR	B1	LTE	QUINTEL QD8612-7	8'	180°	30'-0"	<12'	+/- 60'
	B2	LTE	ERICSSON AIR6419 N77G	2'-7"	180°	32'-8"	<12'	+/- 60'
	B3	LTE	ERICSSON AIR6419 N77G	2'-4"	180°	29'-1"	<12'	+/- 60'
GAMMA SECTOR	C1	LTE	COMMSCOPE NNH4-65C-R6-V3	8'	270°	30'-0"	<12'	+/- 60'
	C2	LTE	ERICSSON AIR6449 N77D	2'-7"	270°	32'-8"	<12'	+/- 60'
	C3	LTE	ERICSSON AIR6419 N77G	2'-4"	270°	29'-1"	<12'	+/- 60'

REMOTE RADIO UNITS (RRU'S)							
SECTOR	RRU UP OR DOWN	RRU COUNT	RRU LOCATION (DISTANCE FROM ANTENNA)	MINIMUM CLEARANCES			
				ABOVE	BELOW	SIDES	
ALPHA SECTOR	A1	UP	3	<12'	18"	8"	8"
	A2	UP	-	-	-	-	-
	A3	UP	3	<12'	18"	8"	8"
BETA SECTOR	B1	UP	3	<12'	18"	8"	8"
	B2	UP	-	-	-	-	-
	B3	UP	3	<12'	18"	8"	8"
GAMMA SECTOR	C1	UP	3	<12'	18"	8"	8"
	C2	UP	-	-	-	-	-
	C3	UP	3	<12'	18"	8"	8"

SHELTER AREA PLAN

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



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NOT TO BE USED FOR CONSTRUCTION

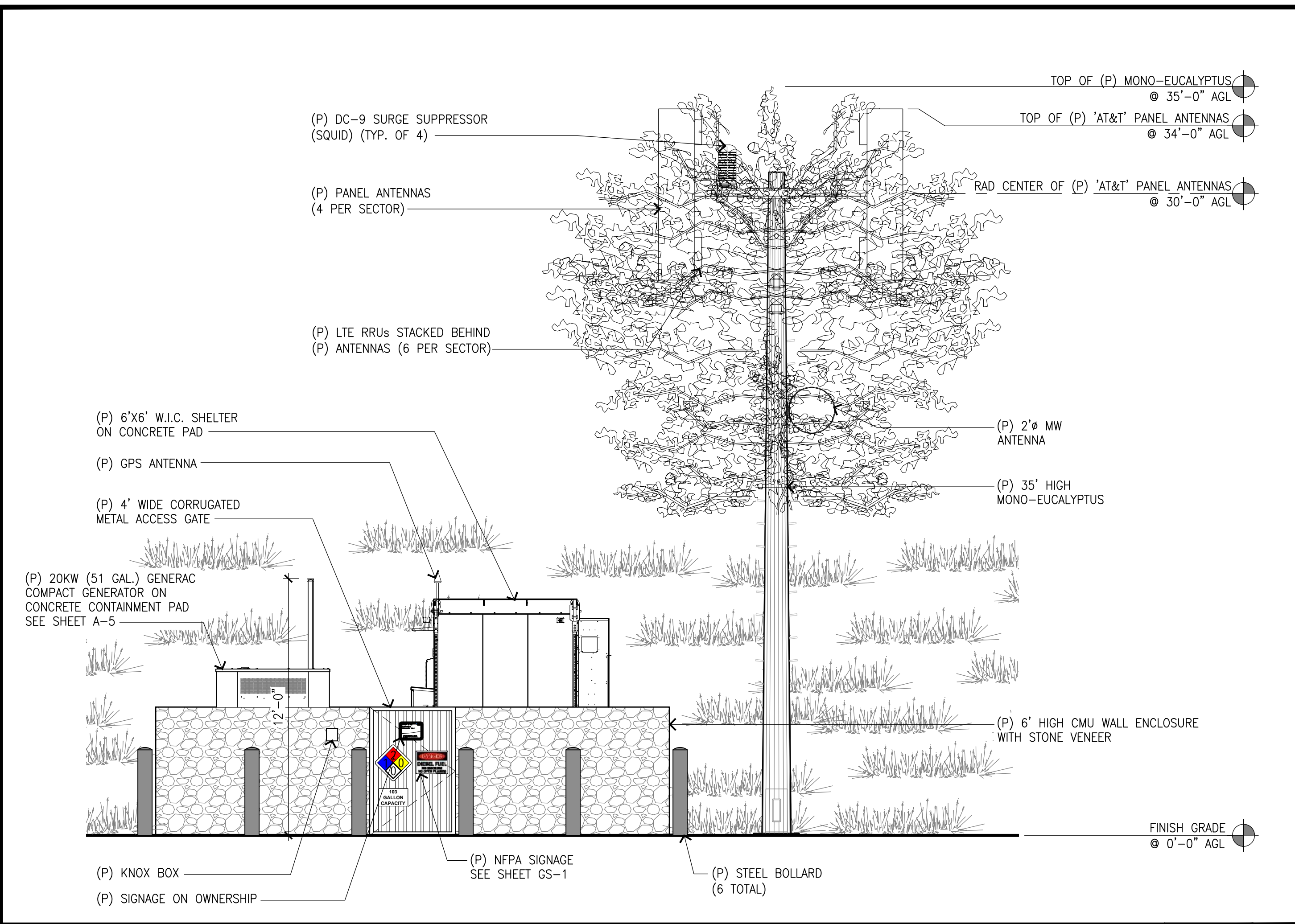
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CLL01430
SDGE MARGARITA SUBSTATION
23082 ANTONIO PKWY
LADERA RANCH, CA 92694
MONO-EUCALYPTUS (INDOOR)

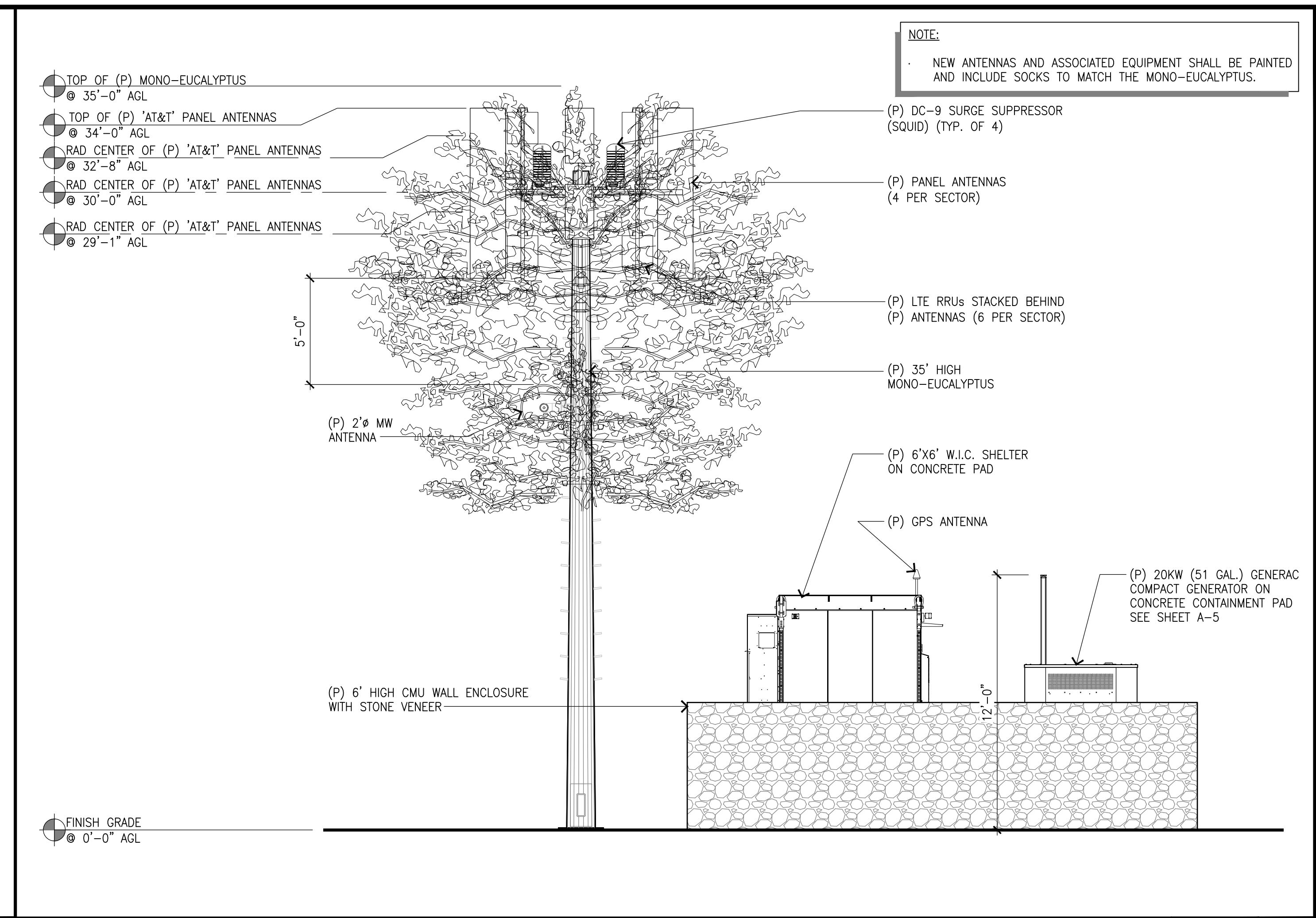
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CHECKED BY: JS

SHEET TITLE:
SHELTER AREA/ANTENNA PLAN AND ANTENNA/RRU SCHEDULE

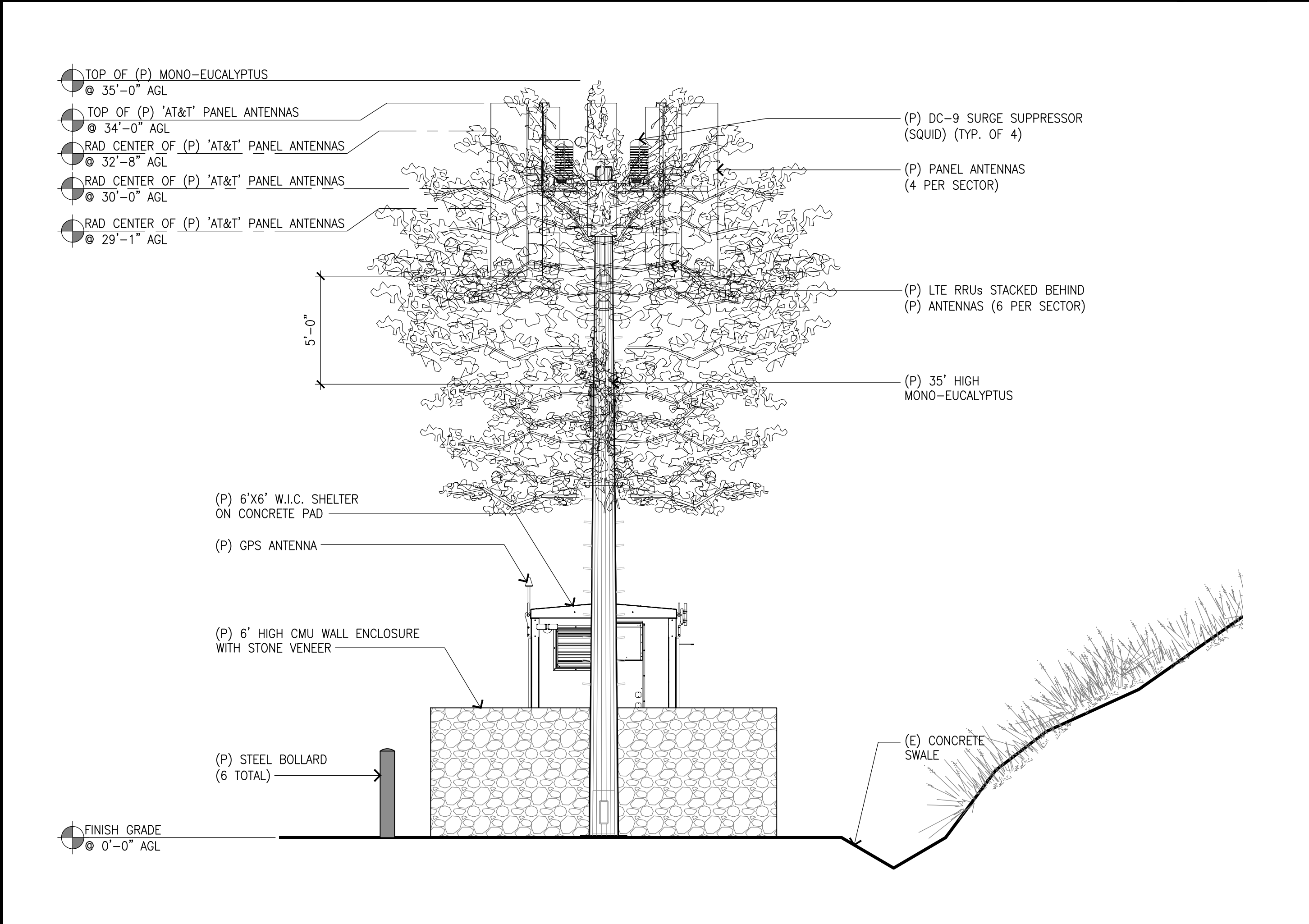
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A-2



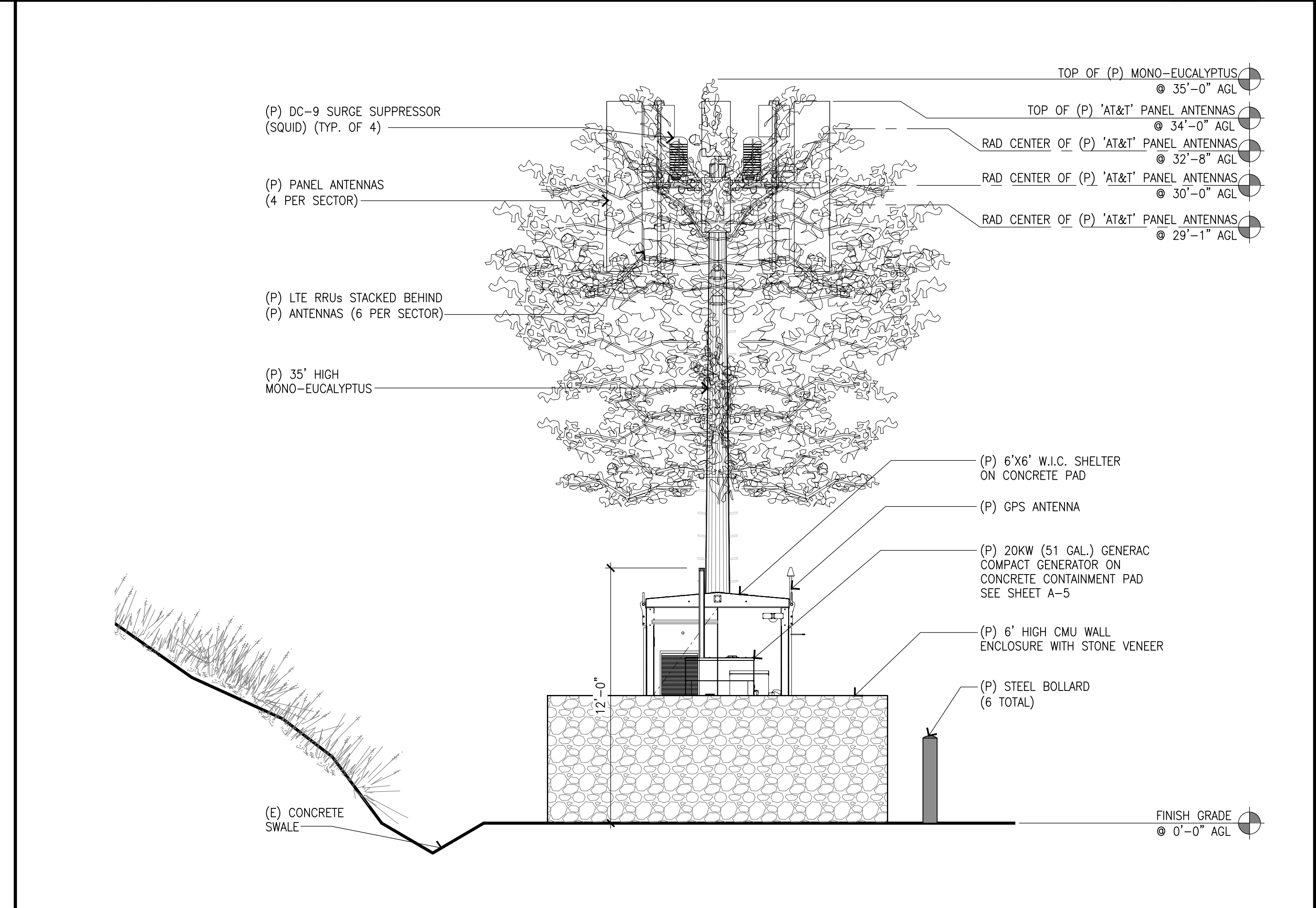
EAST ELEVATION SCALE: 1/4"=1'-0" 3



WEST ELEVATION SCALE: 1/4"=1'-0" 1



NORTH ELEVATION SCALE: 1/4"=1'-0" 4



SOUTH ELEVATION SCALE: 1/4"=1'-0" 2

NOTE:
NEW ANTENNAS AND ASSOCIATED EQUIPMENT SHALL BE PAINTED AND INCLUDE SOCKS TO MATCH THE MONO-EUCALYPTUS.



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SDGE MARGARITA SUBSTATION
23082 ANTONIO PKWY
LADERA RANCH, CA 92694
MONO-EUCALYPTUS (INDOOR)

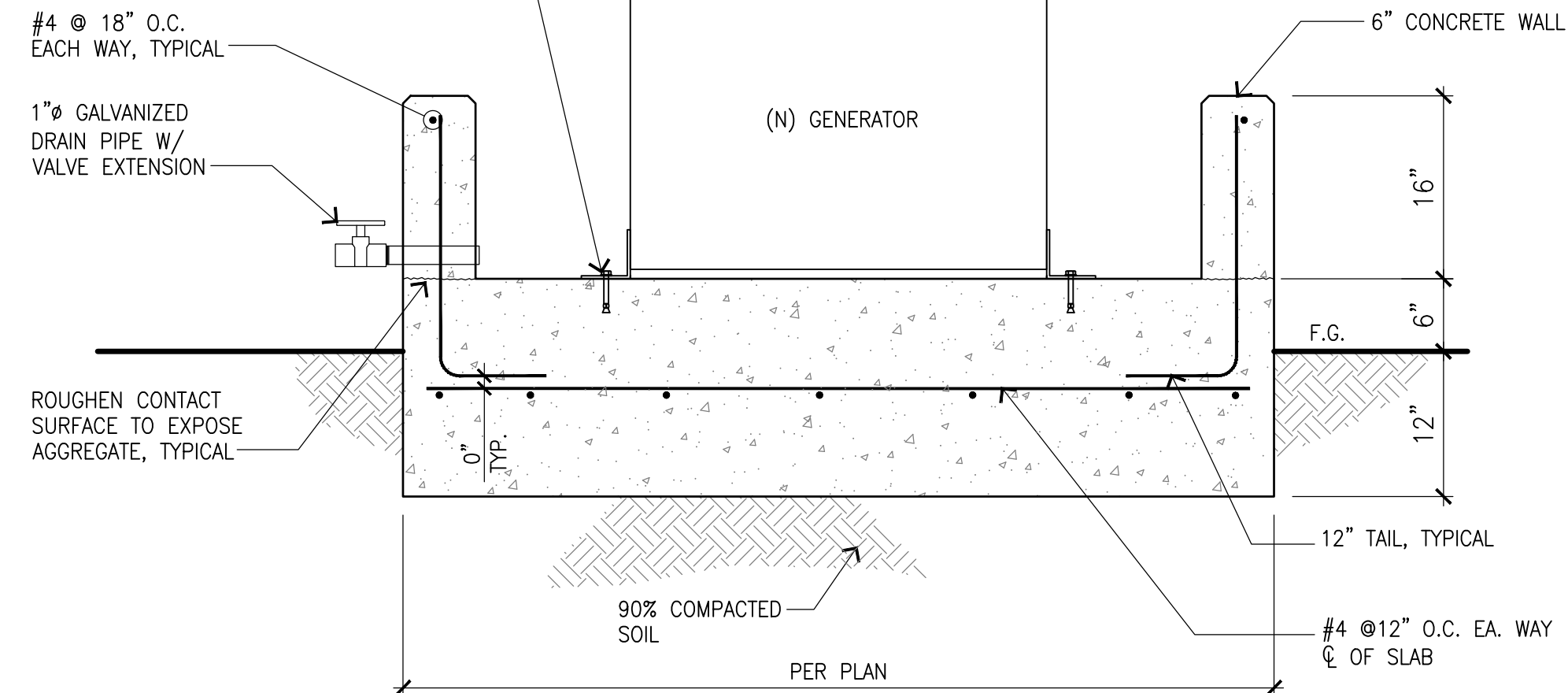
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CHECKED BY: JS

SHEET TITLE:
ELEVATIONS

SHEET NUMBER:
A-3

(8) 5/8" HILTI KWIK BOLT
(KB-TZ) STAINLESS STEEL MIN.
EMB.=3-1/8" ICBO ESR-1917
(SPECIAL INSPECTION REQ'D)

NOTE:
1. CONCRETE STRENGTH 2,500
PSI AT 28 DAYS.
2. REINFORCING STEEL GRADE 60.



GENERATOR CONCRETE PAD W/ CONTAINMENT

1



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1997 ANNAPOLIS EXCHANGE PKWY, SUITE 200
ANNAPOLIS, MD 21401
TEL: (949) 387-1265
FAX: (949) 387-1275



4430 E. MIRALOMA AVE. SUITE D
ANAHEIM, CALIFORNIA 92807

REV	DATE	DESCRIPTION
6	11/07/23	100% ZD - REVISED PER PLANNING
5	09/28/23	100% ZD - REVISED PER FIRE AUTH.
4	06/22/23	100% ZD - REVISED PER PLANNING
3	03/15/23	100% ZD - REVISED PER SDGE
2	01/26/23	100% ZD - REVISED PER SDGE
1	12/12/22	REVISED 95% ZONING DRAWINGS
0	05/05/22	95% ZONING DRAWINGS
A	04/18/22	90% ZONING DRAWINGS

NOT TO BE USED FOR CONSTRUCTION

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.

CLL01430
SDGE MARGARITA SUBSTATION
23082 ANTONIO PKWY
LADERA RANCH, CA 92694
MONO-EUCALYPTUS (INDOOR)

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SHEET TITLE:
DETAILS

SHEET NUMBER:
A-5