



APPROVED
 EL DORADO COUNTY
 PLANNING COMMISSION
 DATE: AUGUST 25, 2022
 BY: FAREN L. GONZALEZ / JCS
 EXECUTIVE SECRETARY

CVL03156 - CARSON ROAD

USID: 304640, FA: 13789462

4001 CARSON ROAD
 CAMINO, CA 95709

CONSULTANT

TSJ CONSULTING INC.
 27128 PASEO ESPADA, #A-1521
 SAN JUAN CAPISTRANO, CA 92675

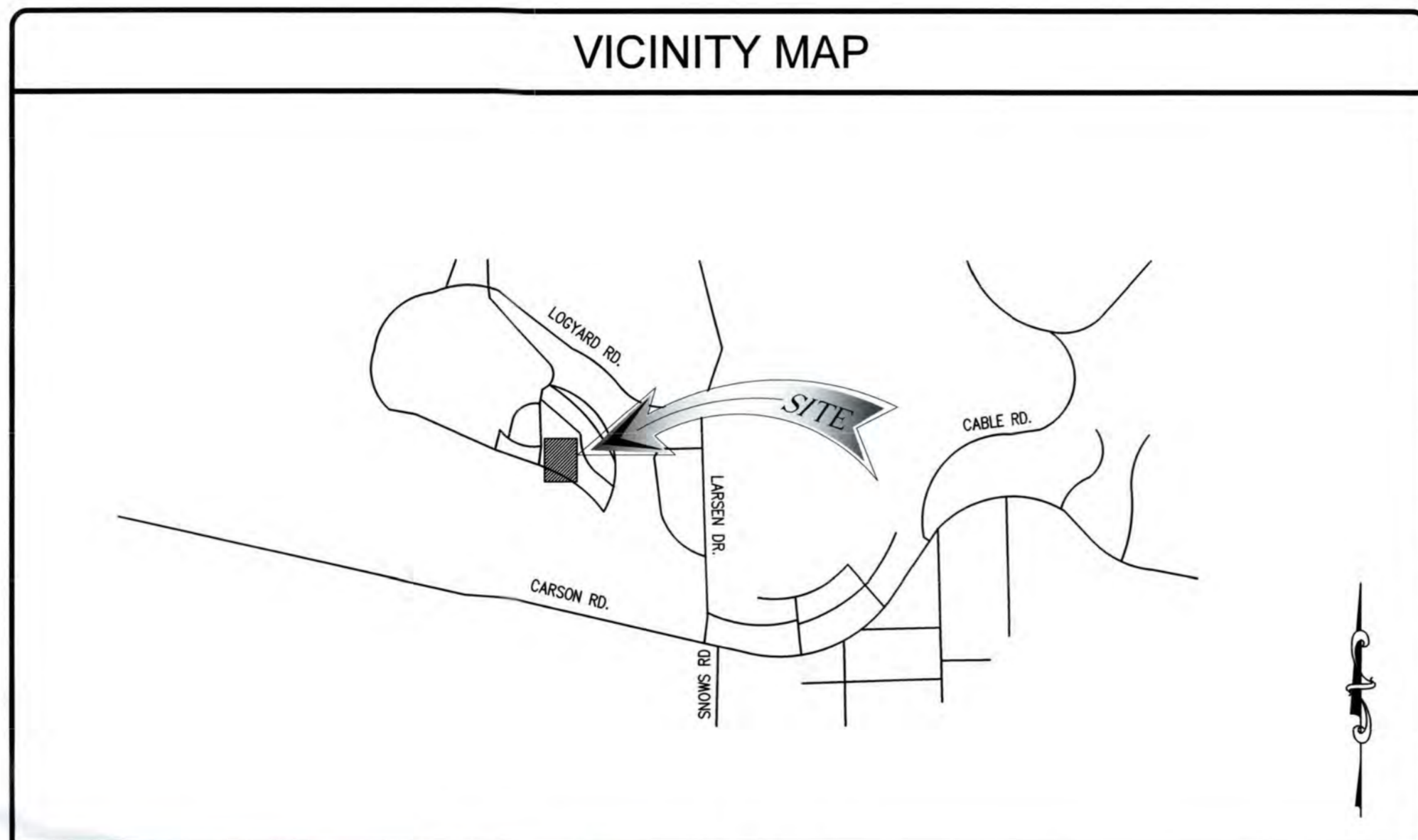
APPLICANT

SITE INFORMATION

CVL03156
CARSON ROAD

4001 CARSON ROAD
 CAMINO, CA 95709

| SITE INFORMATION | |
|---------------------|--|
| SITE ADDRESS: | 4001 CARSON ROAD CAMINO, CA 95709 |
| LATITUDE (NAD 83): | 38° 44' 25.44" N 38.740400° |
| LONGITUDE (NAD 83): | 120° 40' 41.53" W -120.678203° |
| GROUND ELEVATION: | 3102.2' AMSL |
| JURISDICTION: | EL DORADO COUNTY |
| PROPERTY OWNER: | SIERRA PACIFIC INDUSTRIES 4001 CARSON ROAD, CAMINO, CA CONTACT: PAUL INGLES 530-417-5165 PINGLES@SPI-IND.COM |
| ZONING: | IL |
| PARCEL/MAP NUMBER: | 043-180-011-000 |
| STRUCTURE TYPE: | MONOPINE |
| STRUCTURE HEIGHT: | 155' (AGL) |
| POWER SUPPLIER: | PG&E |
| TELCO SUPPLIER: | AT&T |



| DRAWING INDEX | |
|---------------|--------------------------------------|
| T-1 | TITLE SHEET |
| C-1 | SITE SURVEY |
| C-2 | SITE SURVEY |
| A-1 | SITE PLAN |
| A-2 | ENLARGED SITE PLAN |
| A-3 | EQUIPMENT LAYOUT |
| A-3.1 | ANTENNA LAYOUTS AND ANTENNA SCHEDULE |
| A-4 | ELEVATIONS |
| A-5 | ELEVATIONS |
| E-1 | PRELIM ELECTRICAL DESIGN |

| DRAWING SCALE | |
|--|--|
| THESE DRAWINGS ARE SCALED TO FULL SIZE AT 24"X36" AND HALF SIZE AT 11"X17". CONTRACTOR SHALL VERIFY ALL PLANS AND EXISTING DIMENSIONS AND CONDITIONS ON THE JOB SITE AND SHALL IMMEDIATELY NOTIFY THE DESIGNER / ENGINEER IN WRITING OF ANY DISCREPANCIES BEFORE PROCEEDING WITH THE WORK OR MATERIAL ORDERS OR BE RESPONSIBLE FOR THE SAME. CONTRACTOR SHALL USE BEST MANAGEMENT PRACTICE TO PREVENT STORM WATER POLLUTION DURING CONSTRUCTION. | |

| PROJECT TEAM | |
|--------------------------|--|
| APPLICANT: | AT&T MOBILITY 5001 EXECUTIVE PARKWAY SAN RAMON, CA 94583 |
| PROJECT MANAGEMENT FIRM: | QUALTEK WIRELESS 575 LENNON LANE, SUITE 125 WALNUT CREEK, CA 94598 CONTACT: CHARLOTTE PERRAULT PHONE: (916) 539-1497 EMAIL: cperrault@qualtekwireless.com |
| RF ENGINEER: | AT&T MOBILITY 5001 EXECUTIVE PARKWAY SAN RAMON, CA 94583 CONTACT: STEPHEN NELSON PHONE: (925) 395-3690 EMAIL: sns149s@att.com |
| CONSTRUCTION MANAGER: | QUALTEK WIRELESS 575 LENNON LANE, SUITE 125 WALNUT CREEK, CA 94598 CONTACT: JOSHUA ROBERSON PHONE: (949) 505-4225 EMAIL: jroberson@qualtekwireless.com |
| SITE ACQ/ZONING MANAGER: | TSJ CONSULTING INC. 27128 PASEO ESPADA #A-1521 SAN JUAN CAPISTRANO, CA. 92675 CONTACT: TOM JOHNSON PHONE: (925) 785-3727 EMAIL: tom@tsjconsultinginc.com |
| A/E MANAGER: | TSJ CONSULTING INC. 27128 PASEO ESPADA #A-1521 SAN JUAN CAPISTRANO, CA. 92675 CONTACT: DAN CONNELL PHONE: (949) 306-4644 EMAIL: dan@tsjconsultinginc.com |

- DIRECTIONS
- DIRECTIONS FROM AT&T SAN RAMON OFFICE:
1. HEAD SOUTHWEST. TURN RIGHT. TURN LEFT TOWARD EXECUTIVE PKWY.
 2. TURN RIGHT TOWARD EXECUTIVE PKWY. TURN RIGHT ONTO EXECUTIVE PKWY.
 3. TURN RIGHT ONTO CAMINO RAMON.
 4. USE THE RIGHT 2 LANES TO TURN RIGHT ONTO BOLLINGER CANYON RD.
 5. USE THE RIGHT LANE TO MERGE ONTO I-680 N VIA THE RAMP TO SACRAMENTO
 6. MERGE ONTO I-680 N. KEEP LEFT AT THE FORK TO STAY ON I-680 N
 7. KEEP LEFT AT THE FORK TO CONTINUE ON I-680. KEEP RIGHT TO CONTINUE ON I-680 N
 8. USE ANY LANE TO TAKE EXIT 71A TOWARD I-80 E/SACRAMENTO. MERGE ONTO I-80 E
 9. KEEP LEFT TO CONTINUE ON I-80BL E/US-50 E/CAPITAL CITY FREEWAY, FOLLOW SIGNS FOR SACRAMENTO/SOUTH LAKE TAHOE
 10. CONTINUE ONTO US-50 E
 11. KEEP LEFT TO STAY ON US-50 E
 12. KEEP LEFT TO CONTINUE ON US-50 E/EL DORADO FWY
 13. TURN LEFT TOWARD CARSON RD
 14. TURN RIGHT ONTO CARSON RD
 15. TURN LEFT ONTO LARSEN DR
 16. TURN LEFT ONTO TIMBERINO CT
 17. DESTINATION WILL BE ON THE LEFT

CODE COMPLIANCE

ALL WORK AND MATERIALS SHALL BE PERFORMED AND INSTALLED IN ACCORDANCE WITH THE CURRENT EDITIONS OF THE FOLLOWING CODES AS ADOPTED BY THE LOCAL GOVERNING AUTHORITIES. NOTHING IN THESE PLANS IS TO BE CONSTRUED TO PERMIT WORK NOT CONFORMING TO THE LATEST EDITIONS OF THE FOLLOWING CODES.

- 2019 CALIFORNIA BUILDING CODE
- 2019 CALIFORNIA TITLE 24
- 2019 CALIFORNIA FIRE CODE
- 2019 CALIFORNIA ENERGY CODE
- 2019 CALIFORNIA MECHANICAL CODE
- TIA/EIA-222-F OR LATEST EDITION

| SCOPE OF WORK | |
|---|---------|
| THIS PROJECT CONSISTS OF THE INSTALLATION OF A NEW AT&T WIRELESS ANTENNA FACILITY: SCOPE OF WORK: | |
| EQUIPMENT AREA | |
| <ul style="list-style-type: none"> • INSTALL NEW 'OLDCASTLE' CWIC CABINET AND 30KW STANDBY BACK UP GENERATOR • INSTALL NEW FIBER AND DC CABLES TO NEW ANTENNAS • INSTALL NEW 7' HIGH CHAIN LINK ENCLOSURE • INSTALL NEW UNDERGROUND UTILITIES FROM SOURCES TO EQUIPMENT | |
| ANTENNA AREA | |
| <ul style="list-style-type: none"> • INSTALL (13) NEW PANEL ANTENNAS • INSTALL (15) NEW RRS • INSTALL (3) NEW DC-9 SURGE PROTECTORS • INSTALL (1) NEW GPS ANTENNA • INSTALL (1) NEW 160' TALL MONOPINE • INSTALL DC POWER TRUNKS TO SUPPORT RRS | |
| LEASE AREA: | |
| EQUIPMENT AND ANTENNA AREA: | 1250 SF |

DESIGN RECORD

| REVISIONS | | | |
|-----------|----------|-------------|----|
| REV | DATE | DESCRIPTION | BY |
| 3 | 07/28/21 | 100% ZD | DC |
| 2 | 07/16/21 | 100% ZD | LE |
| 1 | 07/12/21 | 90% ZD | DC |
| 0 | 06/13/21 | 90% ZD | LE |

PROFESSIONAL STAMP

SHEET TITLE

TITLE SHEET

SHEET

T-1

NOTES

OWNER(S): SIERRA PACIFIC INDUSTRIES
 APN: 043-180-011-000

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 REPORT OF TITLE BY: FIDELITY NATIONAL TITLE, ORDER NO. 34717043, DATED JUNE 18, 2021, WITHIN SAID TITLE REPORT THERE ARE THIRTEEN (13) EXCEPTIONS LISTED, FIVE (5) OF WHICH ARE EASEMENTS AND ONE (1) 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. 060040, PANEL NO. 0800E, DATED SEPTEMBER 16, 2008, SHOWS THAT THE LOCATION OF THIS SITE FALLS WITHIN ZONE 'X', AREAS DETERMINED TO BE OUTSIDE THE 0.2% ANNUAL CHANCE FLOODPLAIN.

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

LAT. 38° 44' 25.44" N NAD 83
 LONG. 120° 40' 41.53" W NAD 83
 ELEV. 3113.0' 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:

PROPERTY LOCATED IN EL DORADO COUNTY, CALIFORNIA:

THE REAL PROPERTY SITUATED IN THE COUNTY OF EL DORADO, STATE OF CALIFORNIA, DESCRIBED AS FOLLOWS:

ALL THAT PORTION OF THE NORTHEAST QUARTER OF THE NORTHWEST QUARTER OF SECTION 8, TOWNSHIP 10 NORTH, RANGE 12 EAST, M. D. M., BEING A PORTION OF THE LAND CONVEYED IN THAT CERTAIN DEED RECORDED IN THE EL DORADO COUNTY RECORDERS OFFICE IN BOOK 58 AT PAGE 509, DESCRIBED MORE PARTICULARLY AS FOLLOWS:

THE WEST HALF OF THE NORTHEAST QUARTER OF THE NORTHWEST QUARTER AND THE WEST HALF OF THE EAST HALF OF THE NORTHEAST QUARTER OF THE NORTHWEST QUARTER OF SECTION EIGHT (8) IN TOWNSHIP TEN (10) NORTH OF RANGE TWELVE (12) EAST MOUNT DIABLO MERIDIAN.

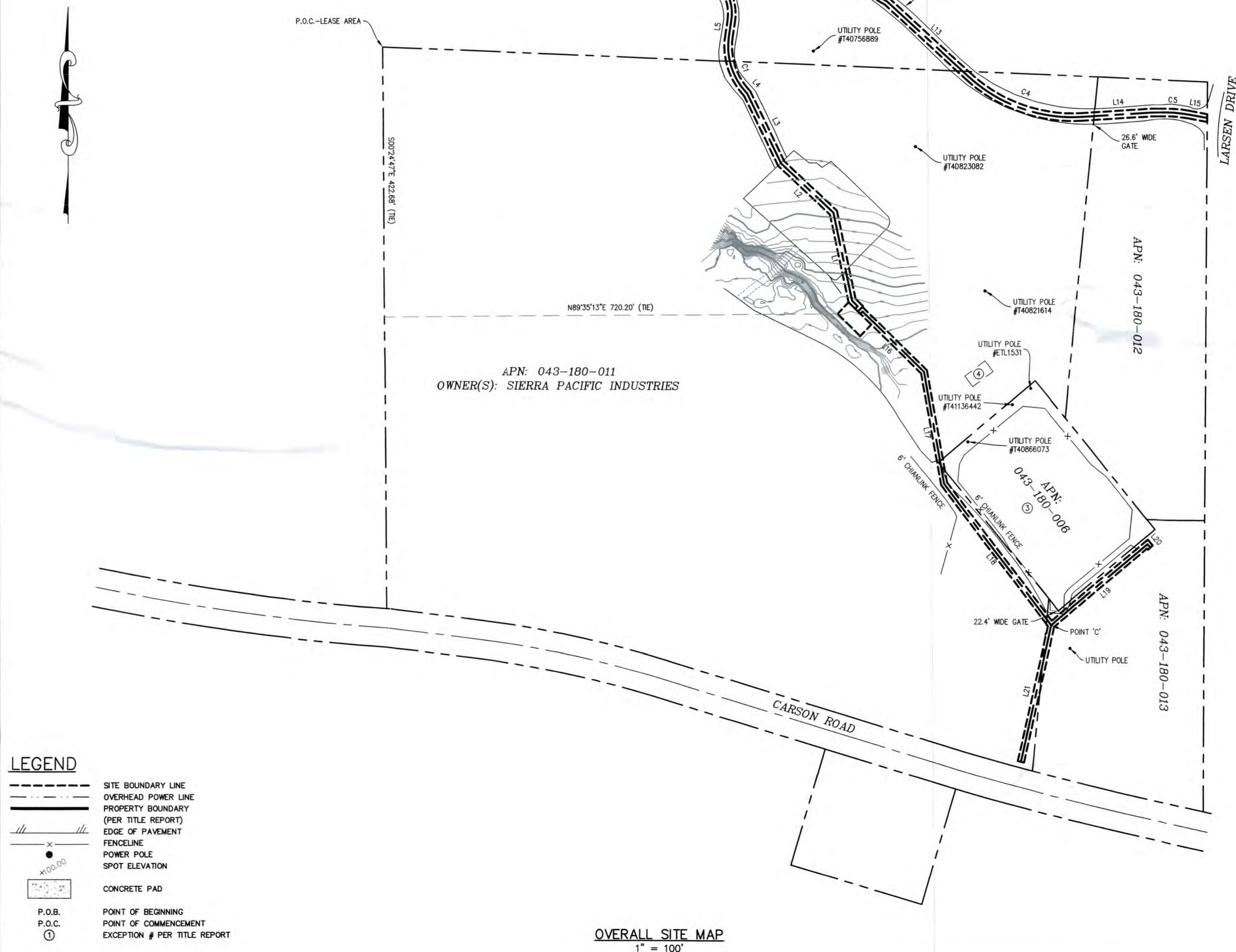
EXCEPTING THEREFROM ALL THAT PORTION AS DESCRIBED IN THE DEED DATED JUNE 6, 1975 EXECUTED BY MICHIGAN-CALIFORNIA LUMBER COMPANY, A LIMITED PARTNERSHIP TO POLLOCK PINES FIRE PROTECTION DISTRICT RECORDED JUNE 2, 1975 IN BOOK 1325 OF OFFICIAL RECORDS AT PAGE 646, EL DORADO COUNTY RECORDS AND BY GIFT DEED RECORDED JUNE 27, 1975 IN BOOK 1330 OF OFFICIAL RECORDS, AT PAGE 567, EL DORADO COUNTY RECORDS. ALSO EXCEPTING THEREFROM ALL THAT PORTION AS DESCRIBED IN THE DEED DATED MARCH 24, 1976, EXECUTED BY MICHIGAN-CALIFORNIA LUMBER COMPANY, A PARTNERSHIP TO PACIFIC GAS AND ELECTRIC COMPANY, A CALIFORNIA CORPORATION, RECORDED SEPTEMBER 28, 1976 IN BOOK 1432 OF OFFICIAL RECORDS, PAGE 495, EL DORADO COUNTY RECORDS.

ALSO EXCEPTING THEREFROM ALL THAT PORTION FOR THE EL DORADO LUMBER COMPANY'S RAILROAD AS DESCRIBED IN THE DEED EXECUTED BY GEORGE RIEBER ET AL TO BARTLETT DOE, RECORDED APRIL 7, 1904 IN BOOK 61 OF OFFICIAL RECORDS, PAGE 328, EL DORADO COUNTY RECORDS. AND BEING THE SAME PROPERTY CONVEYED TO SIERRA PACIFIC INDUSTRIES, A CALIFORNIA CORPORATION FROM MICHIGAN-CALIFORNIA LUMBER COMPANY, A LIMITED PARTNERSHIP BY GRANT DEED DATED MAY 11, 1994 AND RECORDED MAY 17, 1994 IN DEED BOOK 4274, PAGE 441; AND FURTHER CONVEYED TO SIERRA PACIFIC INDUSTRIES, A CALIFORNIA CORPORATION FROM MICHIGAN-CALIFORNIA LUMBER COMPANY, A LIMITED PARTNERSHIP BY GRANT DEED DATED MAY 11, 1994 AND RECORDED MAY 17, 1994 IN DEED BOOK 4274, PAGE 462; AND FURTHER CONVEYED TO SIERRA PACIFIC INDUSTRIES, A CALIFORNIA CORPORATION FORMERLY SIERRA PACIFIC TRANSACTION COMPANY, A CALIFORNIA CORPORATION FROM SIERRA PACIFIC HOLDING COMPANY, A CALIFORNIA CORPORATION FORMERLY KNOWN AS SIERRA PACIFIC INDUSTRIES, A CALIFORNIA CORPORATION BY CORPORATION GRANT DEED DATED DECEMBER 17, 1996 AND RECORDED DECEMBER 26, 1996 IN DEED BOOK 4829, PAGE 665. TAX PARCEL NO. 043-180-011-000

EASEMENTS PER TITLE REPORT:

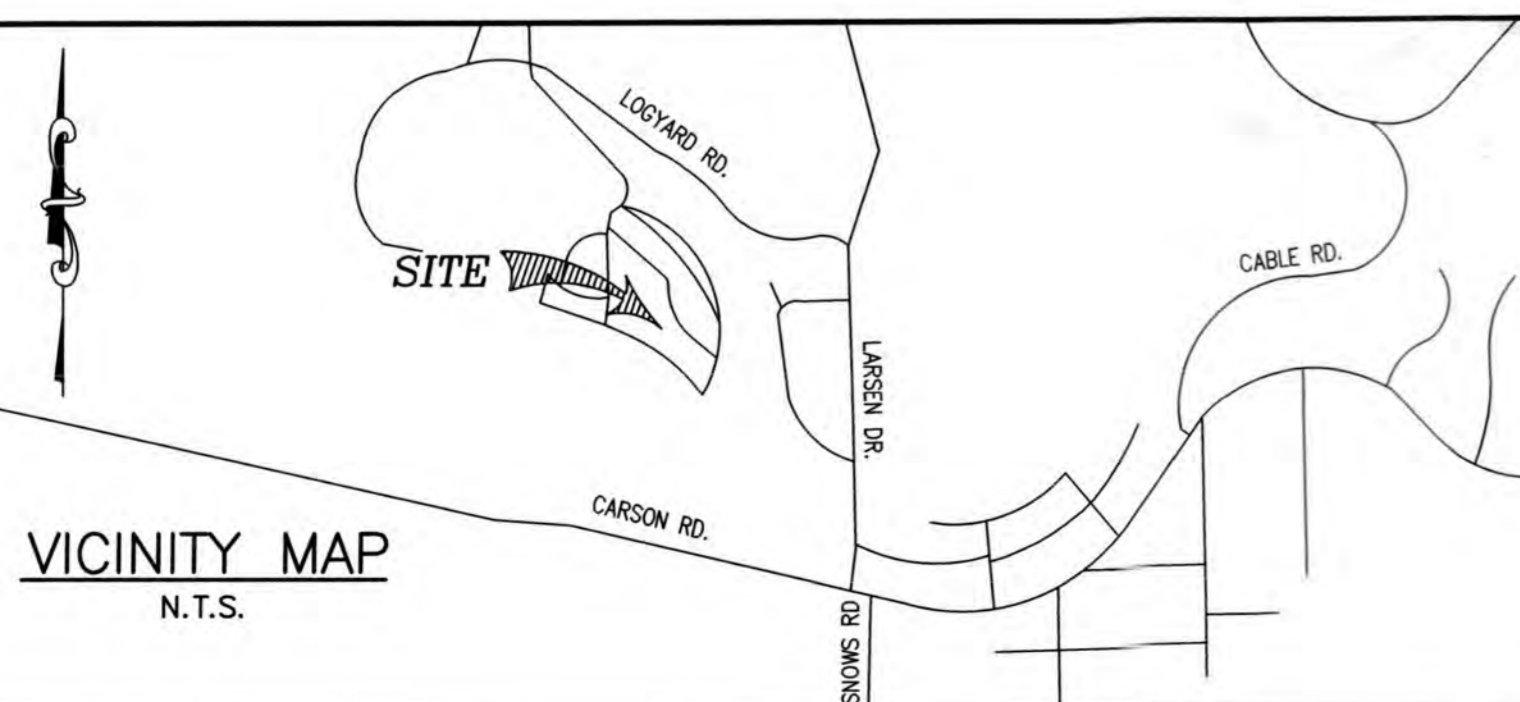
- MATTERS AS SHOWN AND NOTED ON PLAT RECORDED IN PLAT BOOK 1, PAGE 3. >>> PARENT PARCEL LIES WITHIN THE LAND SHOWN ON SAID MAP <<<
- MATTERS AS SHOWN AND NOTED ON PLAT RECORDED IN PLAT BOOK 11, PAGE 134. >>> PLOTTED AS SHOWN HEREON <<<
- EASEMENT DEED IN FAVOR OF PACIFICA GAS AND ELECTRIC COMPANY, A CALIFORNIA CORPORATION SET FORTH IN INSTRUMENT RECORDED ON DECEMBER 27, 1994 IN DEED BOOK 4396, PAGE 686. >>> PLOTTED AS SHOWN HEREON <<<
- SEPTIC EASEMENT IN FAVOR OF PEGGY A. ANDRUSS SURBER, TRUSTEE OF THE PEGGY A. ANDRUSS SURBER REVOCABLE TRUST DATED SEPTEMBER 9, 1992 SET FORTH IN INSTRUMENT RECORDED ON AUGUST 30, 1996 IN DEED BOOK 4760, PAGE 269. >>> NOT PLOTTABLE-EXACT LOCATION CANNOT BE DETERMINED <<<
- MATTERS AS SHOWN AND NOTED ON PLAT RECORDED IN PLAT BOOK 26, PAGE 140; AMENDED RECORD OF SURVEY RECORDED IN PLAT BOOK 28, PAGE 51. >>> SAID LAND LIES OUTSIDE THE PARENT PARCEL <<<

| LINE TABLE | | | CURVE TABLE | | | |
|------------|---------|-------------|-------------|---------|---------|------------|
| LINE | LENGTH | BEARING | CURVE | LENGTH | RADIUS | DELTA |
| L1 | 141.39' | N12°07'25"W | C1 | 93.47' | 106.00' | 50°31'27" |
| L2 | 113.45' | N47°03'41"W | C2 | 70.20' | 69.00' | 58°17'38" |
| L3 | 121.28' | N26°06'54"W | C3 | 27.44' | 11.00' | 142°56'59" |
| L4 | 4.89' | N41°54'57"W | C4 | 195.06' | 244.00' | 45°48'13" |
| L5 | 24.85' | N08°36'30"E | C5 | 50.75' | 206.00' | 14°06'56" |
| L6 | 293.13' | N49°41'08"W | | | | |
| L7 | 154.44' | N39°53'02"W | | | | |
| L8 | 28.93' | N22°31'46"W | | | | |
| L9 | 204.22' | S59°34'47"E | | | | |
| L10 | 208.01' | S52°01'34"E | | | | |
| L11 | 142.59' | S57°16'59"E | | | | |
| L12 | 147.76' | S60°14'11"E | | | | |
| L13 | 175.28' | S47°54'47"E | | | | |
| L14 | 119.62' | N86°17'00"E | | | | |
| L15 | 29.35' | S79°36'04"E | | | | |
| L16 | 135.74' | S45°48'22"E | | | | |
| L17 | 178.10' | S10°20'10"E | | | | |
| L18 | 278.61' | S37°41'39"E | | | | |
| L19 | 199.78' | N50°21'40"E | | | | |
| L20 | 6.92' | S41°16'38"E | | | | |
| L21 | 219.37' | S12°45'44"W | | | | |



LEGEND

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



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SPACE RESERVED FOR PROFESSIONAL SEAL

REVISION

| NO. | DESCRIPTION | BY | DATE |
|-----|---------------|----|----------|
| 0 | PRELIM. ISSUE | LA | 05/19/21 |
| 1 | LEASE/ESMITS | SL | 06/23/21 |
| 2 | TITLE REVIEW | SL | 07/09/21 |
| 3 | REVISION | EJ | 07/16/21 |
| | | | |
| | | | |
| | | | |

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DRAWN BY: LA
 CHECKED BY: DA
 DATE DRAWN: 05/19/21
 SMITHCO JOB #: 56-1202

SITE NAME

CVL03156
 CARSON ROAD

SITE ADDRESS

4001 CARSON RD
 CAMINO, CA 95709
 EL DORADO COUNTY

SHEET TITLE

SITE SURVEY

FOR EXAMINATION ONLY
 SHEET

C-1

OVERALL SITE MAP
 1" = 100'

LEASE AREA DESCRIPTION:

BEING A PORTION OF SECTION 8, TOWNSHIP 10 NORTH, RANGE 12 EAST, MOUNT DIABLO MERIDIAN, ACCORDING TO THE GOVERNMENT PLAT THEREOF, MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCING AT THE NORTHWEST CORNER OF SAID SECTION, AS SHOWN ON THE MAP RECORDED JANUARY 2, 2004, IN BOOK 26 OF RECORD OF SURVEYS, AT PAGE 140, EL DORADO COUNTY RECORDS; THENCE ALONG THE WEST LINE OF SAID SECTION, S 00°24'47" E (SHOWN ON SAID MAP AS S 04°00'13" E), A DISTANCE OF 422.68 FEET; THENCE LEAVING SAID WEST LINE, N 89°35'13" E, A DISTANCE OF 720.20 FEET TO THE POINT OF BEGINNING:

- COURSE 1) THENCE N 44°11'38" E, A DISTANCE OF 25.20 FEET;
- COURSE 2) THENCE S 45°48'22" E, A DISTANCE OF 14.79 FEET TO A POINT HERINAFTER DESCRIBED AS POINT 'A';
- COURSE 3) THENCE CONTINUING S 45°48'22" E, A DISTANCE OF 11.11 FEET TO A POINT HERINAFTER DESCRIBED AS POINT 'B';
- COURSE 4) THENCE CONTINUING S 45°48'22" E, A DISTANCE OF 24.31 FEET;
- COURSE 5) THENCE S 44°11'38" W, A DISTANCE OF 25.20 FEET;
- COURSE 6) THENCE N 45°48'22" W, A DISTANCE OF 50.20 FEET TO THE POINT OF BEGINNING.

CONTAINING 1,265 SQUARE FEET, MORE OR LESS.

ACCESS EASEMENT DESCRIPTION:

A 12.00 FOOT WIDE STRIP OF LAND, LYING 6.00 FEET ON EACH SIDE OF THE FOLLOWING DESCRIBED CENTERLINE:

BEGINNING AT THE HEREBEFORE DESCRIBED POINT 'A';

- COURSE 1) THENCE N 44°11'38" E, A DISTANCE OF 5.62 FEET;
- COURSE 2) THENCE N 45°48'22" W, A DISTANCE OF 12.40 FEET;
- COURSE 3) THENCE N 12°07'25" W, A DISTANCE OF 141.39 FEET;
- COURSE 4) THENCE N 45°48'22" W, A DISTANCE OF 104.37 FEET;
- COURSE 5) THENCE N 26°06'54" W, A DISTANCE OF 121.28 FEET;
- COURSE 6) THENCE N 41°54'57" W, A DISTANCE OF 4.89 FEET TO THE BEGINNING OF A TANGENT CURVE, CONCAVE NORTHEASTERLY, HAVING A RADIUS OF 106.00 FEET;
- COURSE 7) THENCE NORTHERLY ALONG SAID CURVE, THROUGH A CENTRAL ANGLE OF 50°31'27", AN ARC DISTANCE OF 93.47 FEET;
- COURSE 8) THENCE N 08°36'30" E, A DISTANCE OF 24.85 FEET TO THE BEGINNING OF A TANGENT CURVE, CONCAVE SOUTHWESTERLY, HAVING A RADIUS OF 69.00 FEET;
- COURSE 9) THENCE NORTHERLY ALONG SAID CURVE, THROUGH A CENTRAL ANGLE OF 58°17'38", AN ARC DISTANCE OF 70.20 FEET;
- COURSE 10) THENCE N 49°41'08" W, A DISTANCE OF 293.13 FEET;
- COURSE 11) THENCE N 39°53'02" W, A DISTANCE OF 154.44 FEET;
- COURSE 12) THENCE N 22°31'46" W, A DISTANCE OF 28.93 FEET TO THE BEGINNING OF A TANGENT CURVE, CONCAVE SOUTHEASTERLY, HAVING A RADIUS OF 11.00 FEET;
- COURSE 13) THENCE NORTHERLY AND EASTERLY ALONG SAID CURVE, THROUGH A CENTRAL ANGLE OF 142°56'59", AN ARC DISTANCE OF 27.44 FEET;
- COURSE 14) THENCE S 59°34'47" E, A DISTANCE OF 204.22 FEET;
- COURSE 15) THENCE S 52°01'34" E, A DISTANCE OF 208.01 FEET;
- COURSE 16) THENCE S 57°16'59" E, A DISTANCE OF 142.59 FEET;
- COURSE 17) THENCE S 60°14'11" E, A DISTANCE OF 147.76 FEET;
- COURSE 18) THENCE S 47°54'47" E, A DISTANCE OF 175.28 FEET TO THE BEGINNING OF A TANGENT CURVE, CONCAVE NORTHEASTERLY, HAVING A RADIUS OF 244.00 FEET;
- COURSE 19) THENCE EASTERLY ALONG SAID CURVE, THROUGH A CENTRAL ANGLE OF 45°48'13", AN ARC DISTANCE OF 195.06 FEET;
- COURSE 20) THENCE N 86°17'00" E, A DISTANCE OF 119.62 FEET TO THE BEGINNING OF A TANGENT CURVE, CONCAVE SOUTHERLY, HAVING A RADIUS OF 206.00 FEET;
- COURSE 21) THENCE EASTERLY ALONG SAID CURVE, THROUGH A CENTRAL ANGLE OF 14°06'56", AN ARC DISTANCE OF 50.75 FEET;
- COURSE 22) THENCE S 79°36'04" E, A DISTANCE OF 29.35 FEET TO THE TERMINUS OF THIS DESCRIPTION.

UTILITY EASEMENT DESCRIPTION:

A 10.00 FOOT WIDE STRIP OF LAND, LYING 5.00 FEET ON EACH SIDE OF THE FOLLOWING DESCRIBED CENTERLINE:

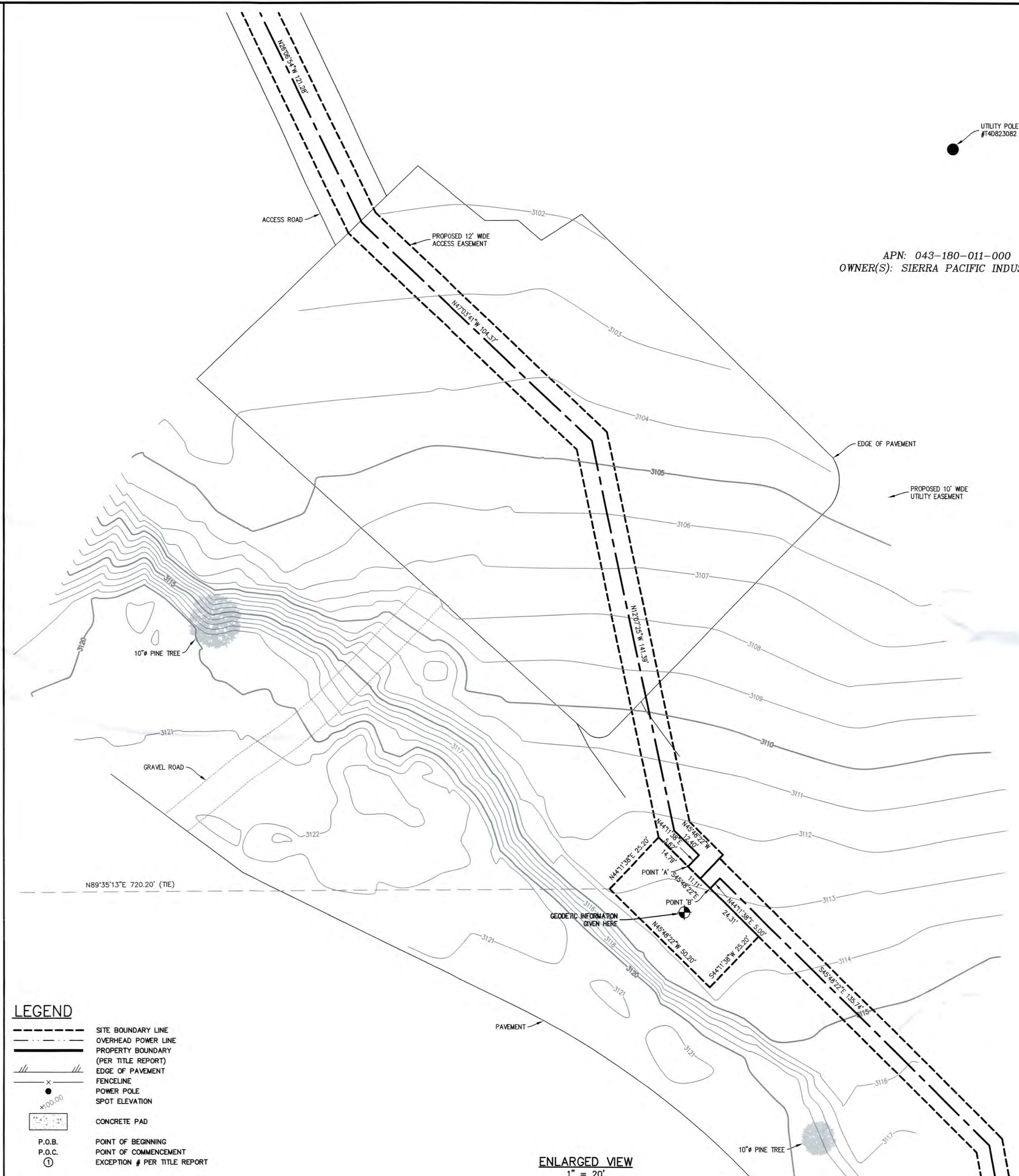
BEGINNING AT THE HEREBEFORE DESCRIBED POINT 'B';

- COURSE 1) THENCE N 44°11'38" E, A DISTANCE OF 5.00 FEET;
- COURSE 2) THENCE S 45°48'22" E, A DISTANCE OF 135.74 FEET;
- COURSE 3) THENCE S 10°20'10" E, A DISTANCE OF 409.00 FEET;
- COURSE 4) THENCE S 37°41'39" E, A DISTANCE OF 278.61 FEET TO A POINT HERINAFTER DESCRIBED AS POINT 'C';
- COURSE 5) THENCE N 50°21'40" E, A DISTANCE OF 199.78 FEET;
- COURSE 6) THENCE S 41°16'38" E, A DISTANCE OF 6.92 FEET TO THE TERMINUS OF THIS DESCRIPTION.

TOGETHER WITH A 10.00 FOOT WIDE STRIP OF LAND, LYING 5.00 FEET ON EACH SIDE OF THE FOLLOWING DESCRIBED CENTERLINE:

BEGINNING AT THE HEREBEFORE DESCRIBED POINT 'C';

- COURSE 1) THENCE S 12°45'44" W, A DISTANCE OF 219.37 FEET TO THE TERMINUS OF THIS DESCRIPTION.



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. POINT OF BEGINNING
- P.O.C. POINT OF COMMENCEMENT
- ① EXCEPTION # PER TITLE REPORT

ENLARGED VIEW
1" = 20'

APN: 043-180-011-000
OWNER(S): SIERRA PACIFIC INDUSTRIES



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SPACE RESERVED FOR PROFESSIONAL SEAL

| REVISION | | | |
|----------|---------------|----|----------|
| NO. | DESCRIPTION | BY | DATE |
| 0 | PRELIM. ISSUE | LA | 05/19/21 |
| 1 | LEASE/ESMITS | SL | 06/23/21 |
| 2 | TITLE REVIEW | EJ | 07/16/21 |
| 3 | REVISION | EJ | 07/16/21 |
| | | | |
| | | | |
| | | | |

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DRAWN BY: LA
CHECKED BY: DA
DATE DRAWN: 05/19/21
SMITHCO JOB #: 56-1202

SITE NAME

CVL03156
CARSON ROAD

SITE ADDRESS

4001 CARSON RD
CAMINO, CA 95709
EL DORADO COUNTY

SHEET TITLE

SITE SURVEY

FOR EXAMINATION ONLY
SHEET

C-2

NOTES

OWNER(S): SIERRA PACIFIC INDUSTRIES
 APN: 043-180-011-000

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 ORNAMENTATION. 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 REPORT OF TITLE BY: XXXX XXXX TITLE COMPANY, FILE NO. XXXXXX, DATED XXXX XX, XXXX, WITHIN SAID TITLE REPORT THERE ARE XXXX (XX) EXCEPTIONS LISTED, XXXX (XX) OF WHICH ARE EASEMENTS AND XXXX (XX) 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.

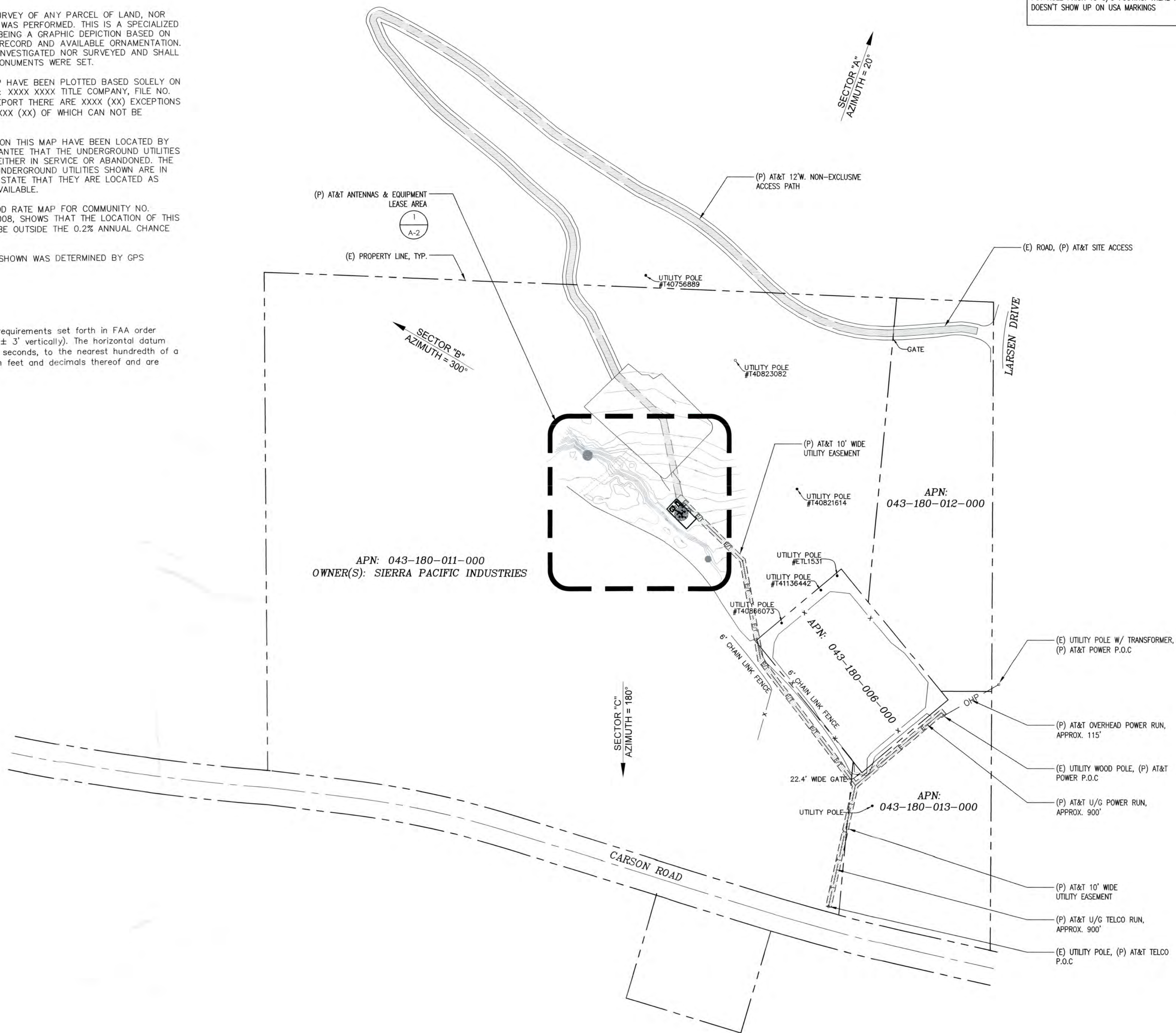
THE FEDERAL EMERGENCY MANAGEMENT AGENCY FLOOD RATE MAP FOR COMMUNITY NO. 060040, PANEL NO. 0800E, DATED SEPTEMBER 16, 2008, SHOWS THAT THE LOCATION OF THIS SITE FALLS WITHIN ZONE 'X', AREAS DETERMINED TO BE OUTSIDE THE 0.2% ANNUAL CHANCE FLOODPLAIN.

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' 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 ($\pm 20'$ horizontally and $\pm 3'$ 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.

NOTE:
 POT HOLE PRIOR TO U/G FOOTING. THERE IS ABSENCE LINE THAT DOESN'T SHOW UP ON USA MARKINGS



CONSULTANT



TSJ CONSULTING INC.
 27128 PASEO ESPADA, #A-1521
 SAN JUAN CAPISTRANO, CA 92675

APPLICANT



SITE INFORMATION

CVL03156
CARSON ROAD

4001 CARSON ROAD
 CAMINO, CA 95709

DESIGN RECORD

| REVISIONS | | | |
|-----------|----------|-------------|----|
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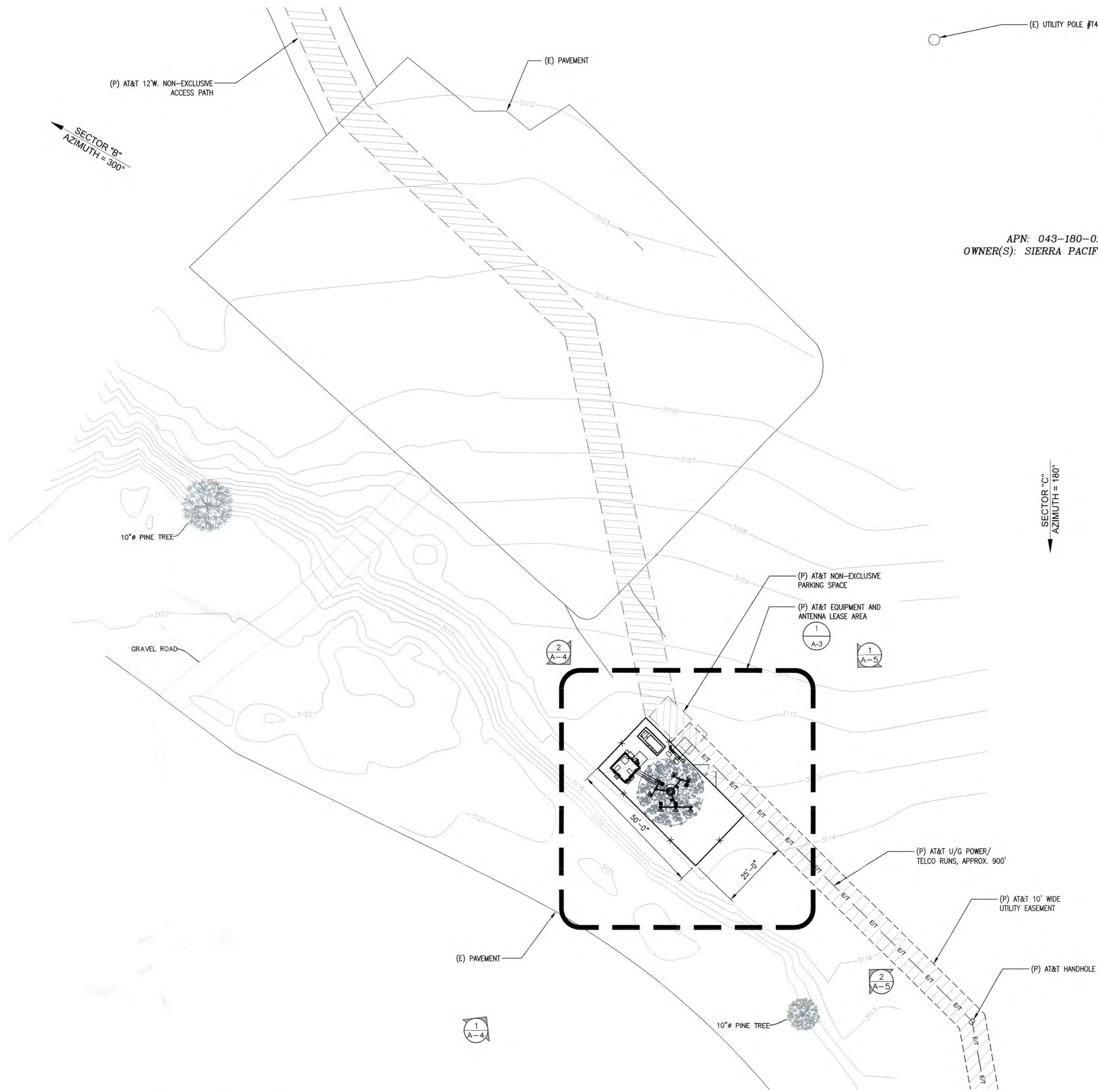
PROFESSIONAL STAMP

SHEET TITLE

SITE PLAN

SHEET

A-1



APN: 043-180-011-000
 OWNER(S): SIERRA PACIFIC INDUSTRIES

CONSULTANT



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PROFESSIONAL STAMP

SHEET TITLE

ENLARGED SITE PLAN

SHEET

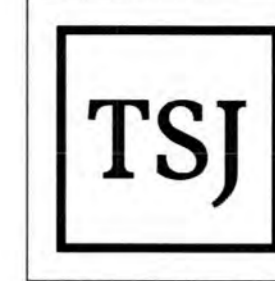
A-2

ENLARGED SITE PLAN

SCALE: 1"=10'-0"



1



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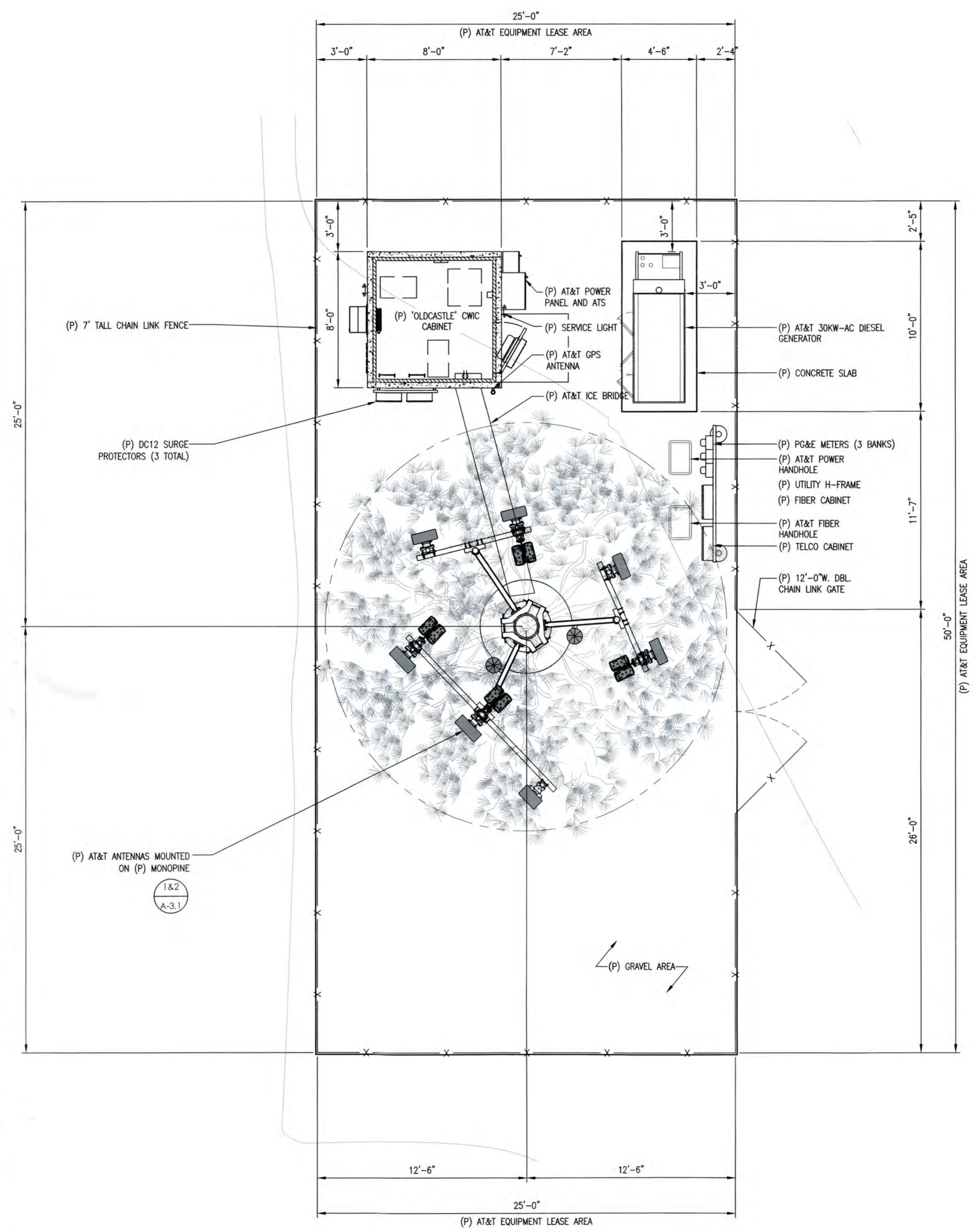
PROFESSIONAL STAMP

SHEET TITLE

EQUIPMENT LAYOUT

SHEET

A-3

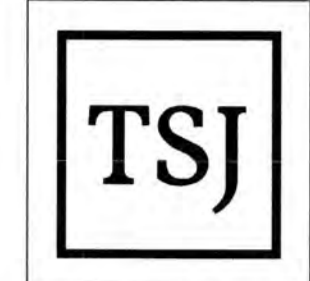


SCALE: 1/4"=1'-0"

EQUIPMENT LAYOUT

1

| SECTOR | TECHNOLOGY | ANTENNA MODEL | AZIMUTH | RAD CENTER (A.G.L.) | RRU MODEL | FIBER/DC LENGTH | COAX JUMPER LENGTH | DC FEEDS |
|--------|------------|--|-------------|---------------------|---|-----------------|--------------------|-------------|
| A | A1 | LTE 700 / 5G 850 / LTE 1900 / 5G 1900 | 20° | 150'-0" | (1) 4449 B5/B12 (1) 8843 B2/B66A (1) RRH (SHARED) | TRUNK1 75M | ±8'-0" | 2 |
| | A2 | LTE 700 / LTE AWS / 5G AWS | 20° | 150'-0" | (3) RRH (SHARED) | TRUNK1 75M | ±8'-0" | 2 |
| | A3 | LTE 700 / LTE WCS / LTE 1900 | 20° | 140'-0" | (1) 4478 B14 (1) 4415 B25 | TRUNK1 75M | ±8'-0" | 2 |
| | A4 | LTE 700 / LTE WCS | 20° | 140'-0" | (1) 4415 B30 | TRUNK1 75M | ±8'-0" | 2 |
| | A5 | 5G CBAND | AIR6449 N77 | 20° | 142'-6" | - | TRUNK1 75M | ±8'-0" |
| B | B1 | LTE 700 / 5G 850 / LTE 1900 / 5G 1900 | 300° | 150'-0" | (1) 4449 B5/B12 (1) 8843 B2/B66A (1) RRH (SHARED) | TRUNK1 75M | ±8'-0" | 2 |
| | B2 | LTE 700 / LTE AWS / 5G AWS | 300° | 150'-0" | (3) RRH (SHARED) | TRUNK1 75M | ±8'-0" | 2 |
| | B3 | LTE 700 / LTE WCS / LTE 1900 | 300° | 140'-0" | (1) 4478 B14 (1) 4415 B25 | TRUNK1 75M | ±8'-0" | 2 |
| | B4 | LTE 700 / LTE WCS | 300° | 140'-0" | (1) 4415 B30 | TRUNK1 75M | ±8'-0" | 2 |
| | B5 | 5G CBAND | AIR6449 N77 | 300° | 142'-6" | - | TRUNK1 75M | ±8'-0" |
| C | C1 | LTE 700 / 5G 850 / LTE 1900 / 5G 1900 / LTE AWS / 5G AWS | 180° | 150'-0" | (1) 4449 B5/B12 (1) 8843 B2/B66A (2) RRH (SHARED) | TRUNK1 75M | ±8'-0" | 2 |
| | C2 | LTE 700 / LTE 1900 / LTE WCS | 180° | 150'-0" | (1) 4478 B14 (1) 4415 B25 (1) 4415 B30 | TRUNK1 75M | ±8'-0" | 2 |
| | C3 | 5G CBAND | AIR6449 N77 | 180° | 142'-6" | - | TRUNK1 75M | ±8'-0" |
| TOTALS | | (13) ANTENNAS | | | (15) RRU'S | | | 26 DC FEEDS |



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CVL03156
CARSON ROAD

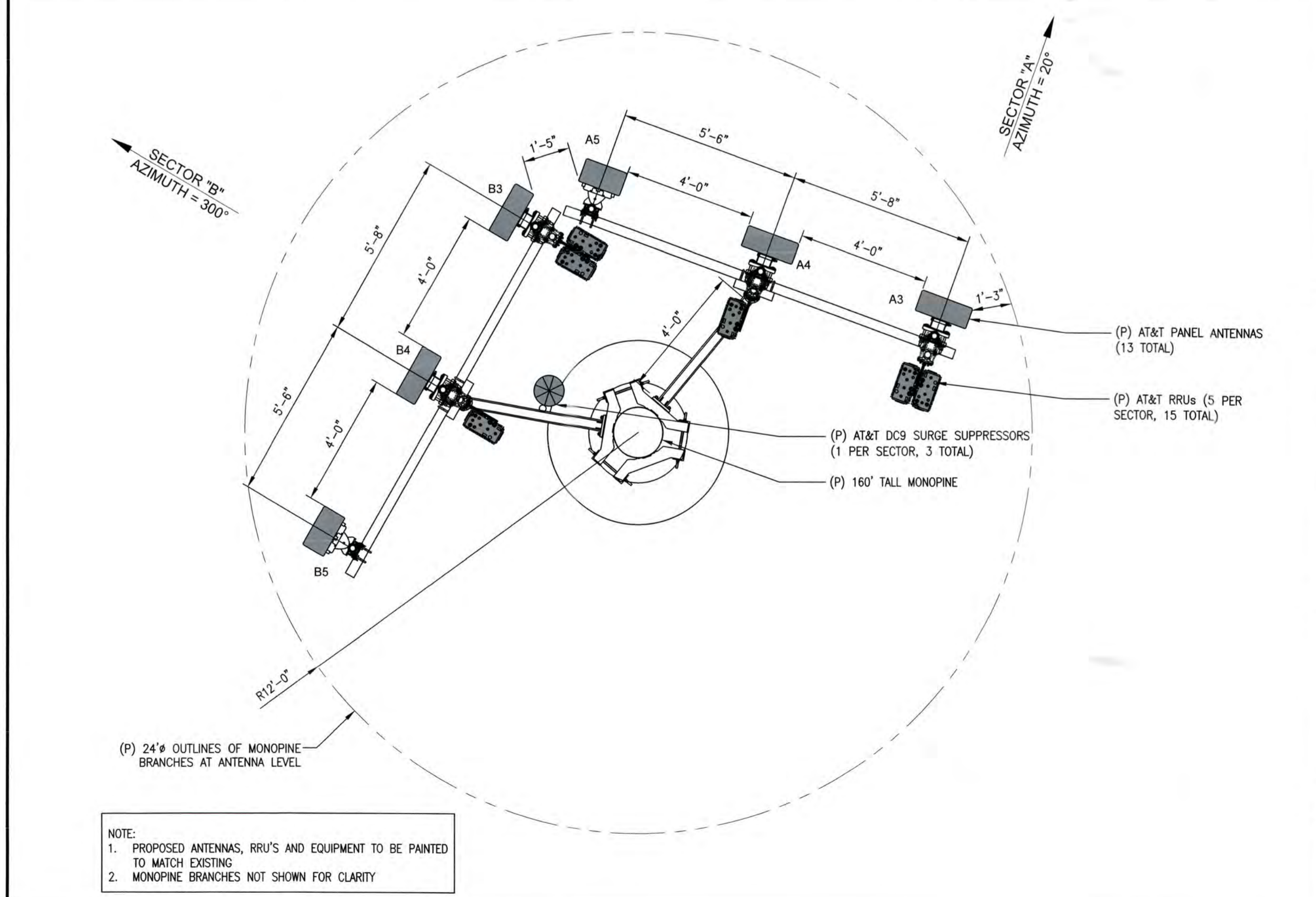
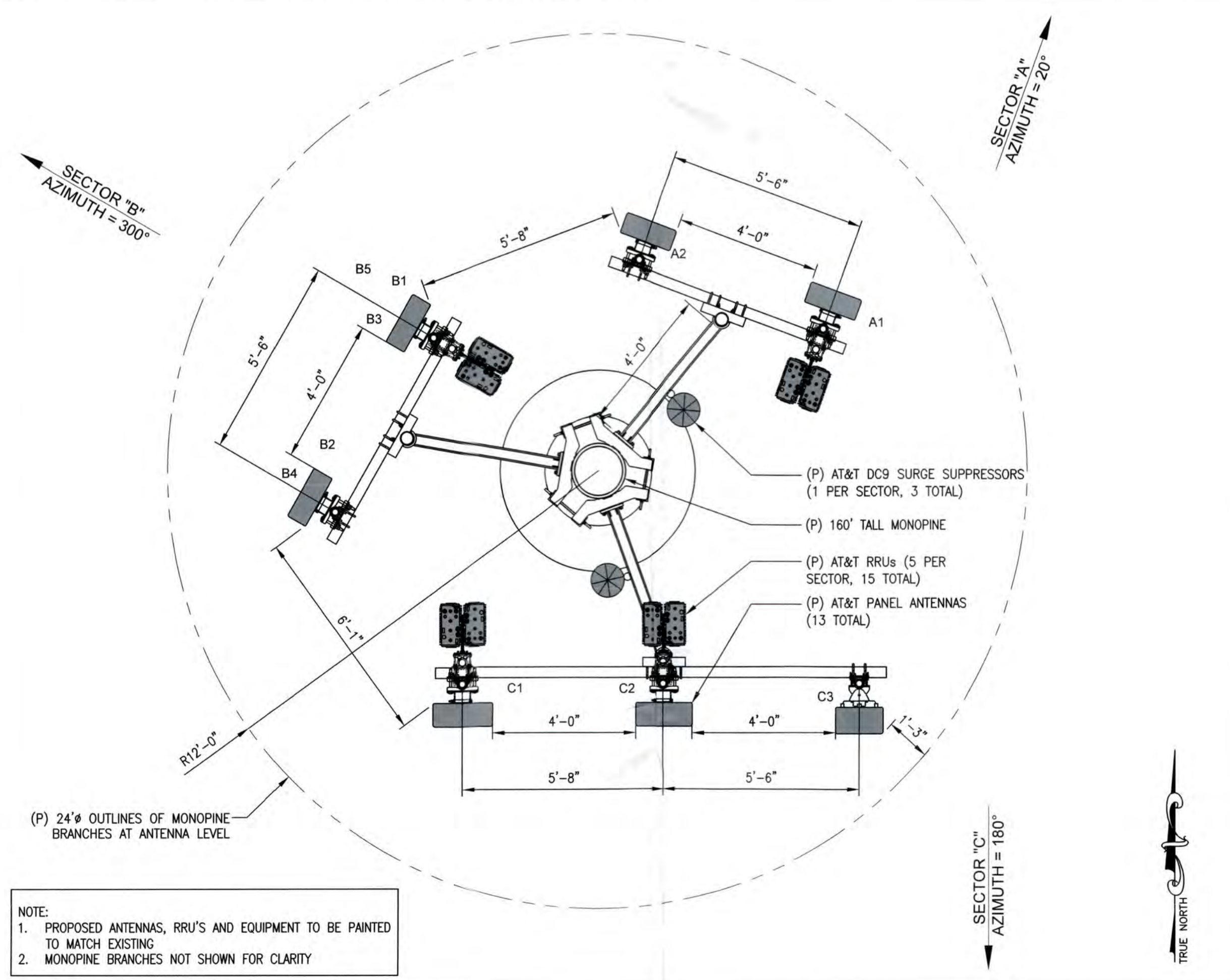
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CAMINO, CA 95709

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ANTENNA RF SCHEDULE - (RFDS - DATE: 05/07/2021; REV. 1)

3



NOTE:
1. PROPOSED ANTENNAS, RRU'S AND EQUIPMENT TO BE PAINTED TO MATCH EXISTING
2. MONOPINE BRANCHES NOT SHOWN FOR CLARITY

NOTE:
1. PROPOSED ANTENNAS, RRU'S AND EQUIPMENT TO BE PAINTED TO MATCH EXISTING
2. MONOPINE BRANCHES NOT SHOWN FOR CLARITY

ANTENNA LAYOUT AT UPPER RAD CENTER

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

ANTENNA LAYOUT AT LOWER RAD CENTER

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

DESIGN RECORD

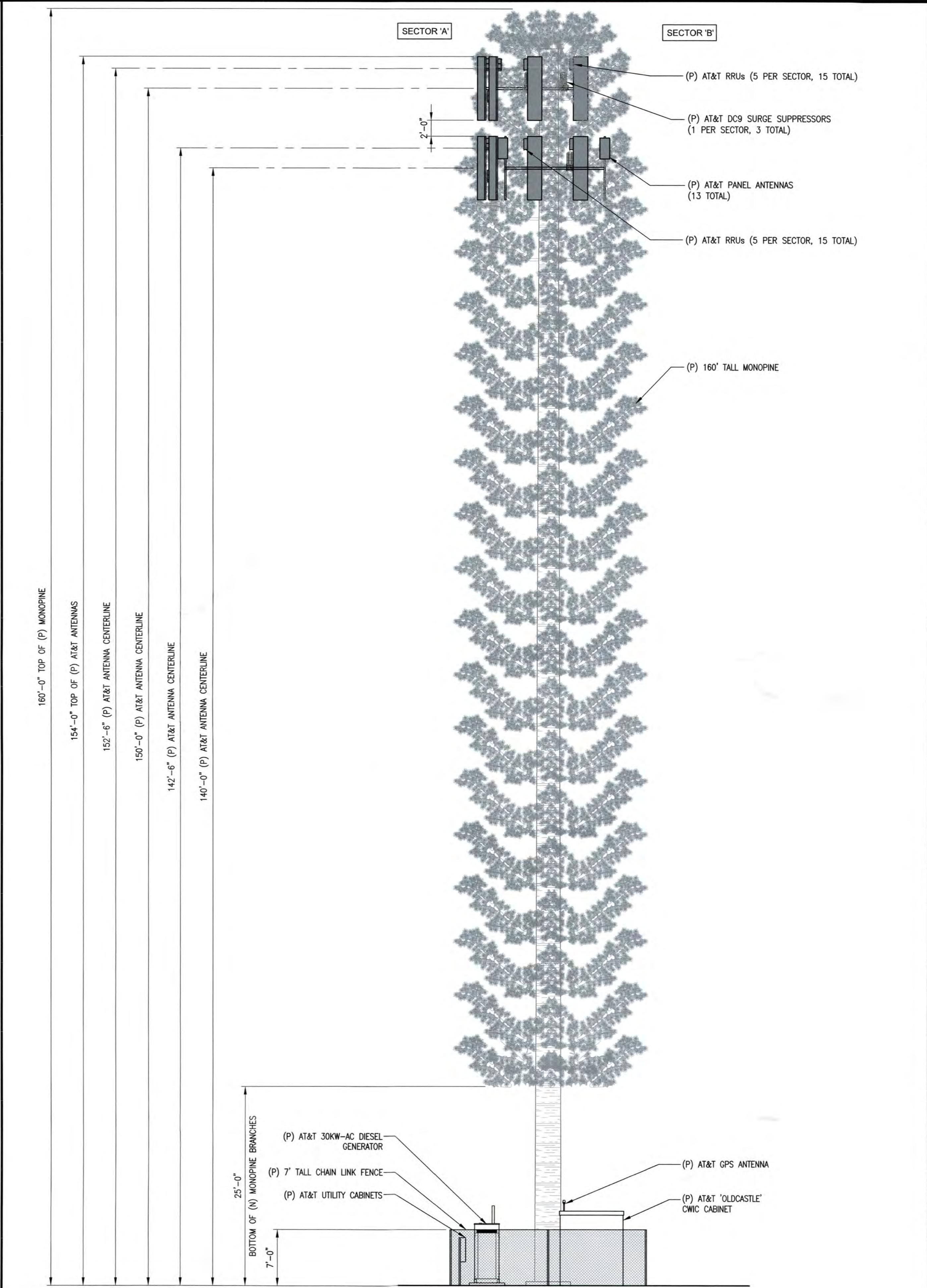
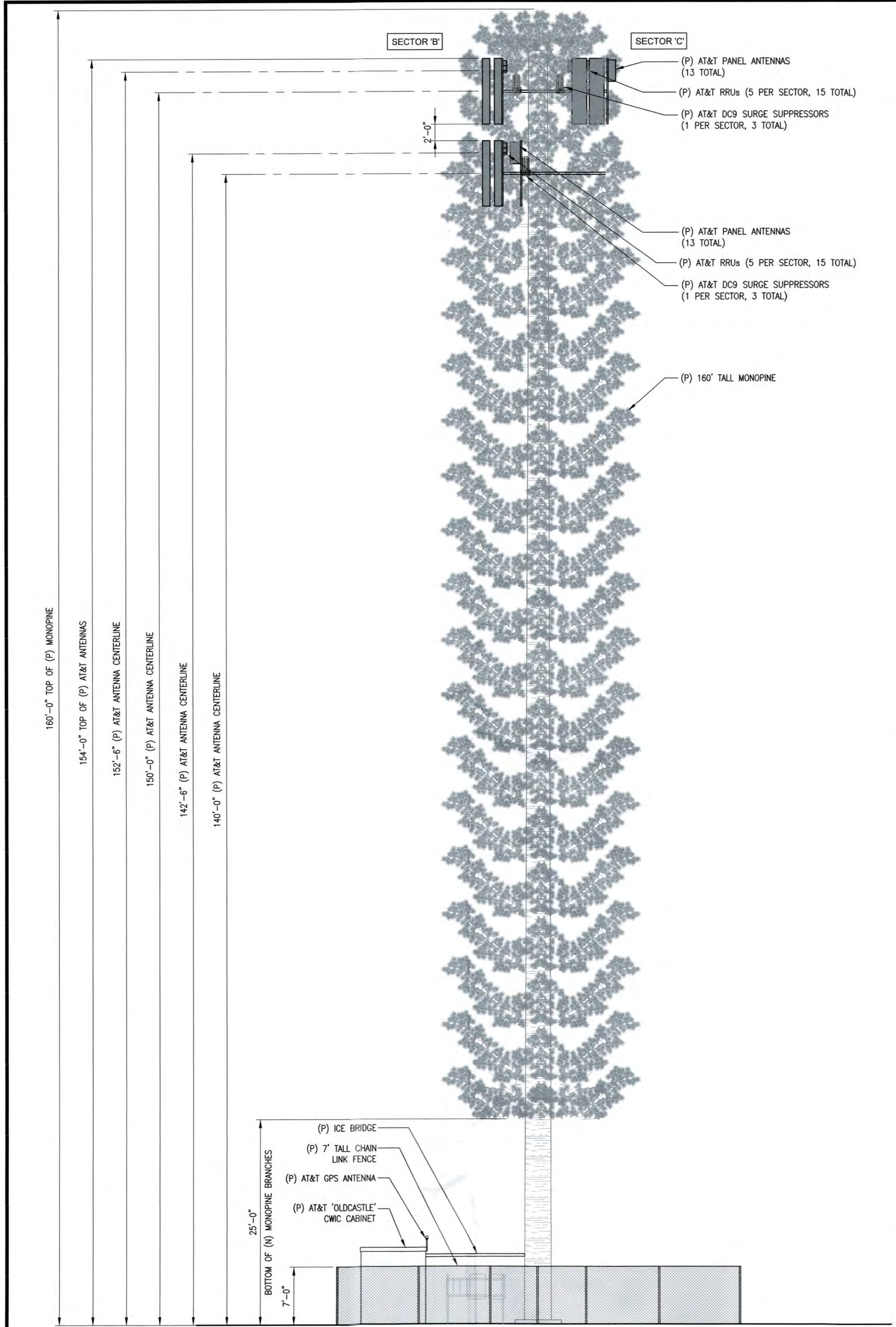
PROFESSIONAL STAMP

SHEET TITLE

SHEET

ANTENNA LAYOUTS AND ANTENNA SCHEDULE

A-3-1



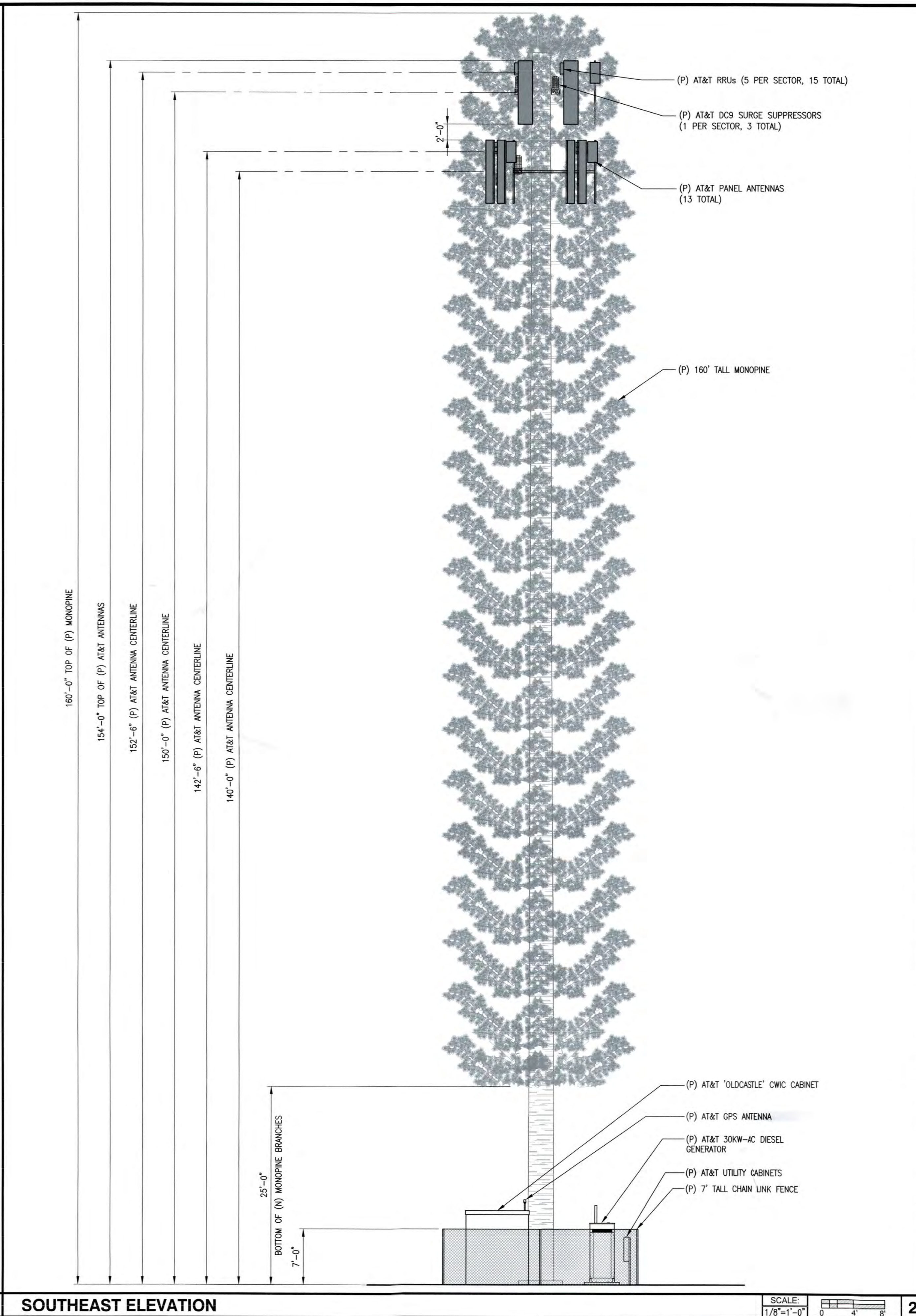
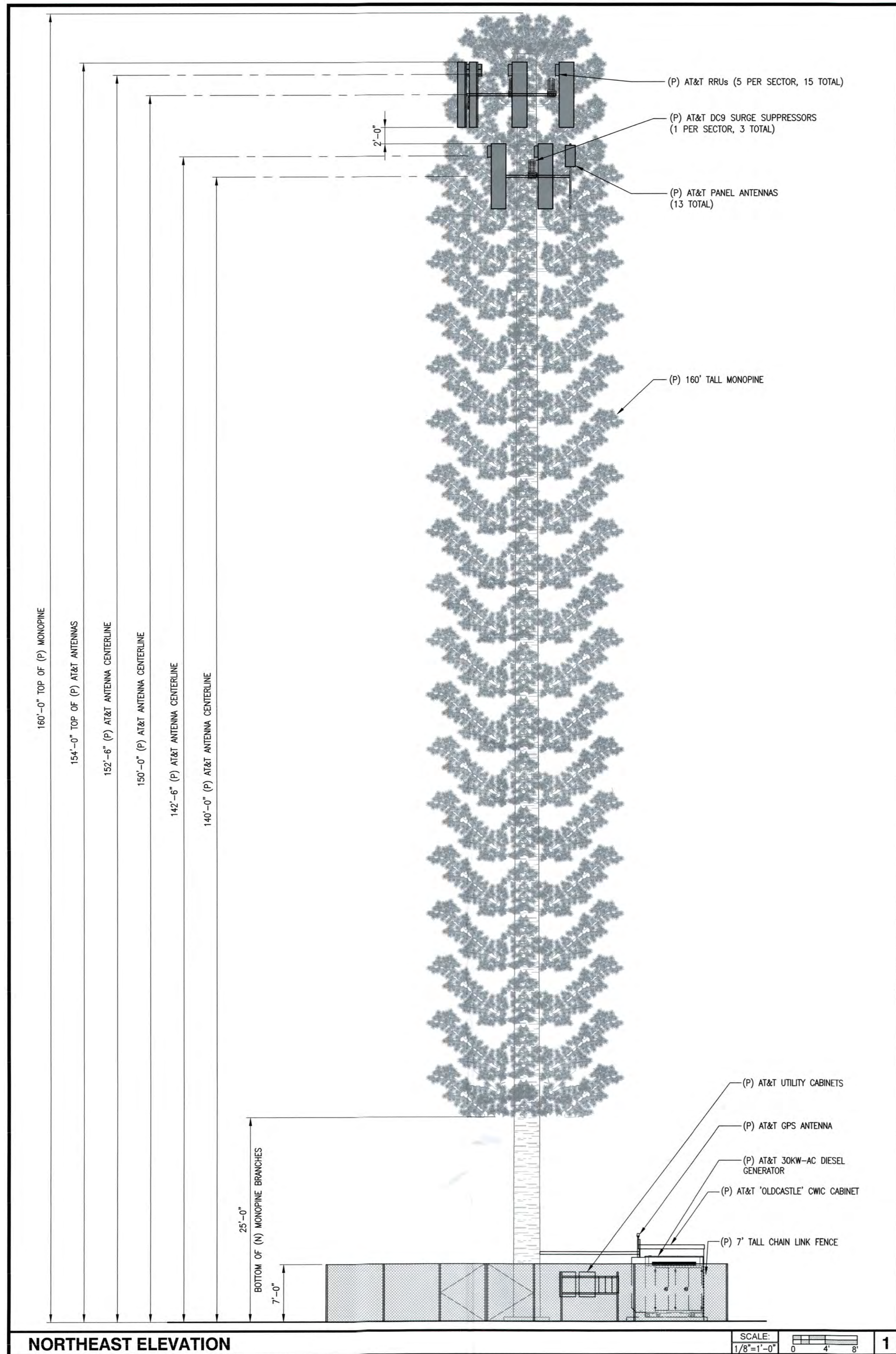
SOUTHWEST ELEVATION

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

NORTHWEST ELEVATION

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

| CONSULTANT | <p>TSJ CONSULTING INC. 27128 PASEO ESPADA, #A-1521 SAN JUAN CAPISTRANO, CA 92675</p> | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------|--|-------------|----|--|--|-----|------|-------------|----|---|----------|---------|----|---|----------|---------|----|---|----------|--------|----|---|----------|--------|----|
| APPLICANT | | | | | | | | | | | | | | | | | | | | | | | | | |
| SITE INFORMATION | <p>CVL03156 CARSON ROAD</p> <p>4001 CARSON ROAD CAMINO, CA 95709</p> | | | | | | | | | | | | | | | | | | | | | | | | |
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| PROFESSIONAL STAMP | | | | | | | | | | | | | | | | | | | | | | | | | |
| SHEET TITLE | ELEVATIONS | | | | | | | | | | | | | | | | | | | | | | | | |
| SHEET | A-4 | | | | | | | | | | | | | | | | | | | | | | | | |



NORTHEAST ELEVATION

SCALE: 1/8"=1'-0"
0 4 8

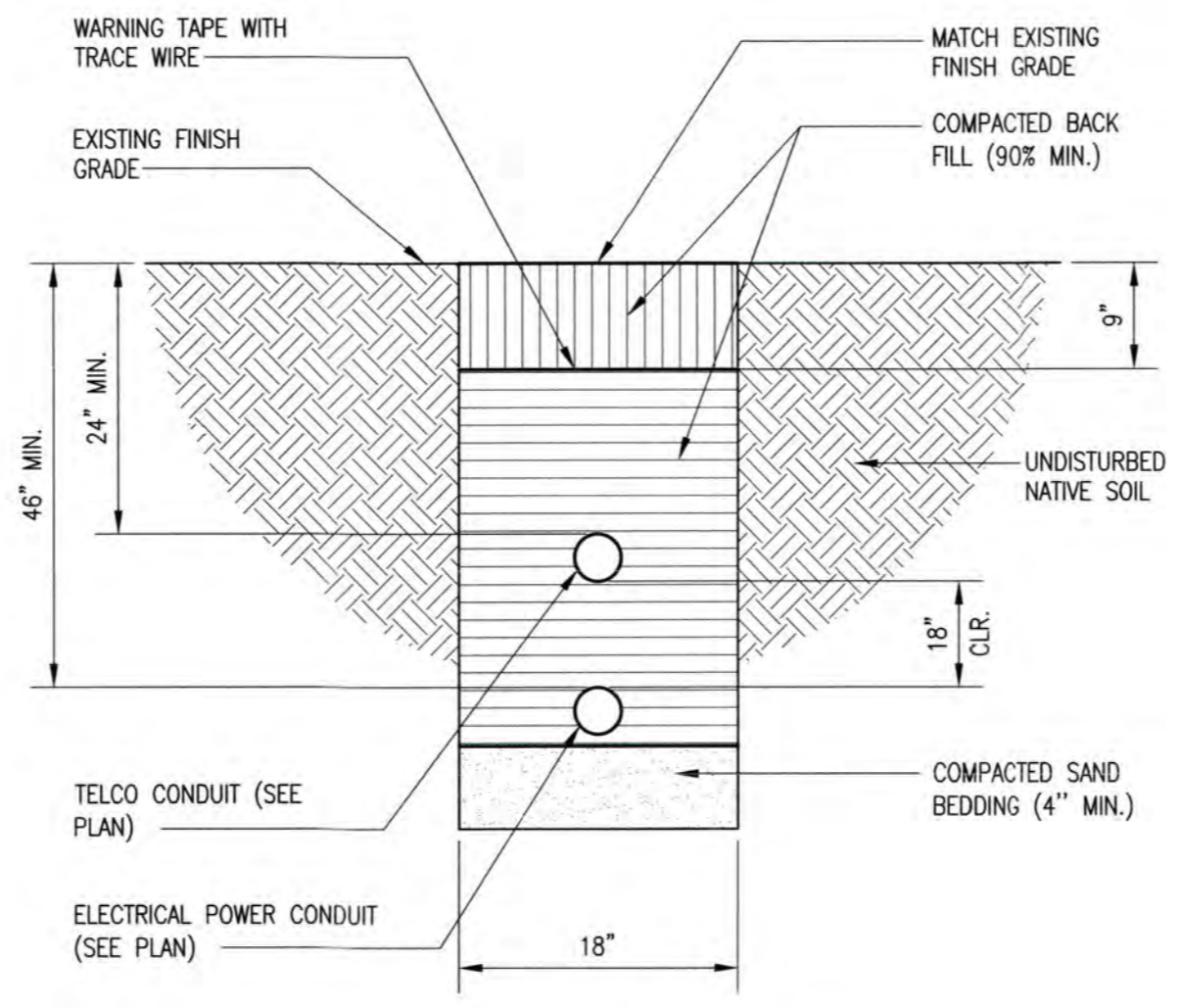
SOUTHEAST ELEVATION

SCALE: 1/8"=1'-0"
0 4 8

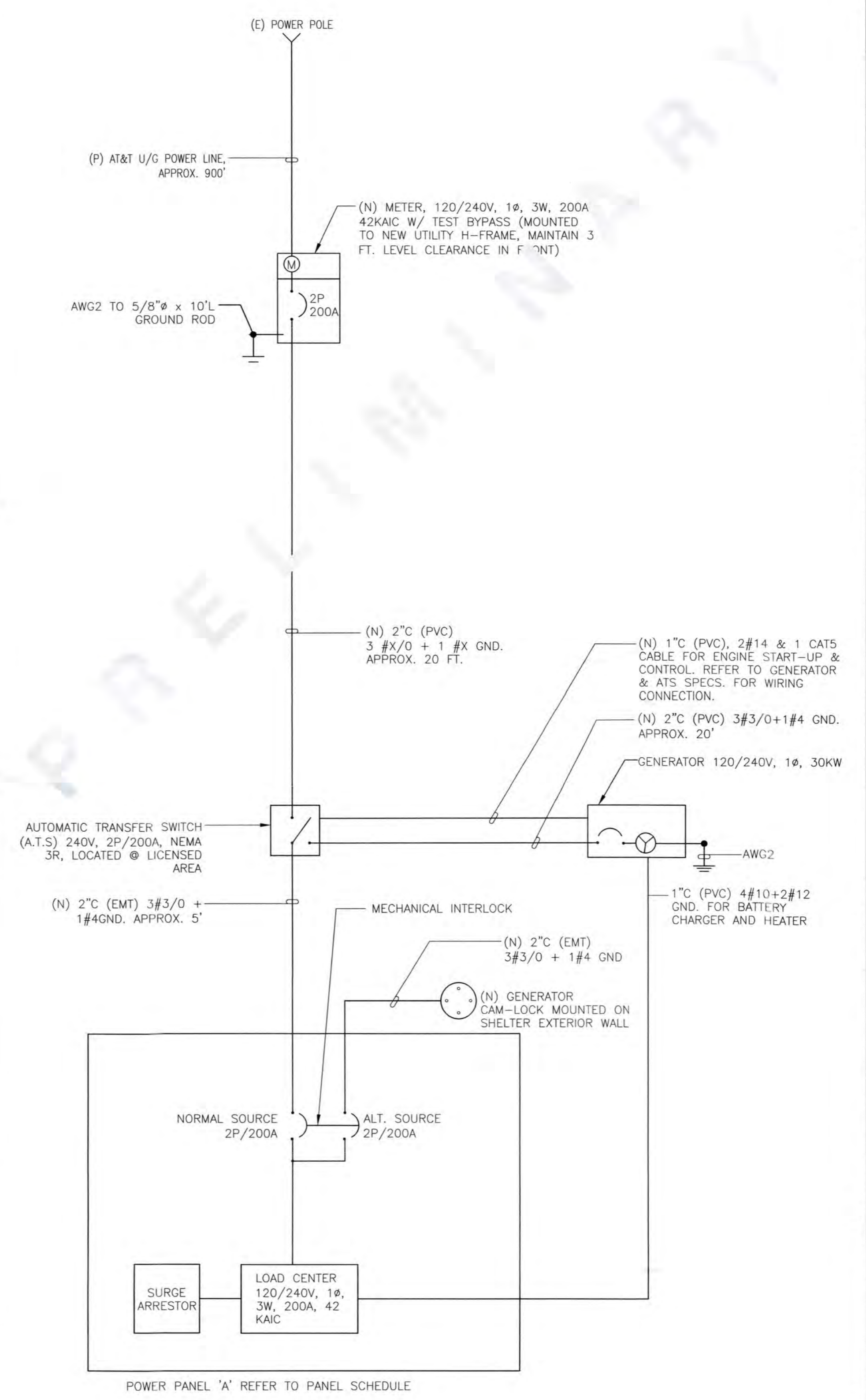
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|--------------------|--|-------------|----|--|--|-----|------|-------------|----|---|----------|---------|----|---|----------|---------|----|---|----------|--------|----|---|----------|--------|----|
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| PROFESSIONAL STAMP | | | | | | | | | | | | | | | | | | | | | | | | | |
| SHEET TITLE | ELEVATIONS | | | | | | | | | | | | | | | | | | | | | | | | |
| SHEET | A-5 | | | | | | | | | | | | | | | | | | | | | | | | |

| PANEL 'A' SCHEDULE | | | | | | | | | | | |
|---|------|------|-----|---------------------|------|---|------|---|------|------|------------------|
| 120/240V, 1 PHASE, 3W | | | | | | INTERSECT # MP1220042-3R-B | | | | | |
| 200A BUS, 42 KAIC | | | | | | 200A MAIN BKR (COMMERCIAL PWR) 42 KAIC SERIES RATED | | | | | |
| UL LISTED SERVICE ENTRANCE EQUIPMENT | | | | | | | | | | | |
| MAIN BREAKER RATING (A): | | | | SYSTEM VOLTAGE (V): | | | | | | | |
| DESCRIPTION | VA | ctnc | BKR | POSN | L1 | L2 | POSN | BKR | ctnc | VA | DESCRIPTION |
| RECTIFIER #1 | 1752 | NC | 30 | 1 | 1802 | | 2 | 15 | C | 50 | SMOKE DETECTOR |
| | 1752 | NC | 30 | 3 | | 1902 | 4 | 20 | C | 150 | LIGHTING |
| RECTIFIER #2 | 1752 | NC | 30 | 5 | 2472 | | 6 | 20 | NC | 720 | CONV OUTLETS |
| | 1752 | NC | 30 | 7 | | 1902 | 8 | 15 | NC | 150 | EMERGENCY LTG |
| RECTIFIER #3 | 1752 | NC | 30 | 9 | 3496 | | 10 | 40 | NC | 1744 | HVAC #1 |
| | 1752 | NC | 30 | 11 | | 3496 | 12 | 40 | NC | 1744 | |
| RECTIFIER #4 | 1752 | NC | 30 | 13 | 2247 | | 14 | 15 | NC | 495 | FCU #1 |
| | 1752 | NC | 30 | 15 | | 2247 | 16 | 15 | NC | 495 | |
| RECTIFIER #5 | 1752 | NC | 30 | 17 | 1752 | | 18 | 40 | NC | 0 | HVAC #2 (NOTE 2) |
| | 1752 | NC | 30 | 19 | | 1752 | 20 | 40 | NC | 0 | |
| RECTIFIER #6 | 1752 | NC | 30 | 21 | 1752 | | 22 | 15 | NC | 0 | FCU #2 (NOTE 2) |
| | 1752 | NC | 30 | 23 | | 1752 | 24 | 15 | NC | 0 | |
| RECTIFIER #7 | 1752 | NC | 30 | 25 | 1932 | | 26 | 15 | NC | 180 | G.F.I. (W.P.) |
| | 1752 | NC | 30 | 27 | | 2232 | 28 | 20 | NC | 480 | |
| SPACE | | | | 29 | 600 | | 30 | 20 | NC | 600 | GEN BAT CHARGER |
| | | | | 31 | | | 32 | | | | GENERATOR HEATER |
| | | | | 33 | 0 | | 34 | | | | SPACE |
| | | | | 35 | 0 | | 36 | | | | |
| | | | | 37 | 0 | | 38 | | | | |
| | | | | 39 | 0 | | 40 | 30 | NC | - | SURGE ARRESTOR |
| | | | | 41 | 0 | | 42 | | | | |
| PHASE TOTALS (VA): | | | | 16053 | | 15243 | | | | | |
| CURRENT PER PHASE (A): | | | | 129 | | 123 | | Amperes/phase cannot exceed main breaker rating | | | |
| PANEL TOTAL (VA): | | | | 30256 | | | | Legend: c = continuous, nc = non-continuous | | | |
| PANEL CAPACITY (kVA): | | | | 48.0 | | | | CONNECTED LOAD (kVA): 30.3 | | | |
| PANEL LOADING (100% non-cont. load) (kVA): | | | | 30.1 | | | | | | | |
| PANEL LOADING (125% continuous load) (kVA): | | | | 0.3 | | | | | | | |
| PANEL LOADING (TOTAL) (kVA): | | | | 30.4 | | | | | | | |
| SPARE CAPACITY (kVA): | | | | 17.6 | | | | | | | |

NOTES:
 1. MAIN (COMMERCIAL) BREAKER IS SQUARE D # QGL22200 WHICH IS RATED 65 KAIC. BRANCH BREAKERS SHALL BE SQUARE D TYPE QO RATED 10 KAIC. ALL BREAKERS PROVIDED BY GC.
 2. REDUNDANT A/Cs INTERLOCKED WITH LEAD-LAG CONTROLLER TO PREVENT SIMULTANEOUS OPERATION OF BOTH SYSTEMS. (OMIT FROM OPERATING LOAD)
 3. LIGHTING ARE DESIGNED & INSTALLED BY VMC MANUFACTURER
 4. PROVIDE ARC FLASHING WARNING MARKING PER CEC 110.16



TRENCH DETAIL NO SCALE 2



PRELIM SINGLE LINE DIAGRAM NO SCALE 1

PANEL SCHEDULE NO SCALE 4

NOT USED NO SCALE 3

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PROFESSIONAL STAMP

SHEET TITLE
PRELIMINARY ELECTRICAL DESIGN

SHEET
E-1