



Design Review Subcommittee (DRSC)

Meeting Date: September 27, 2023

PLANNER: John Ciampa, Contract Planner

SUBJECT: **Conditional Use Permit (CUP) 21-268, AT&T Wireless Telecommunications Facility**, a request to establish a new 20-foot tall monoecalyptus stealth wireless facility. Ground improvements include expansion of an existing Verizon equipment enclosure for AT&T equipment adjacent to a City water tower at 4159 Costero Risco.

BACKGROUND:

The project site is located on City property in the Private Open Space zone of the Forster Ranch Specific Plan (FRSP P-OS2). The site is improved with a City water tower and a Verizon wireless facility consisting of an appurtenant equipment enclosure and an existing 20-foot tall monoecalyptus wireless facility. The proposed AT&T facility would be located 50 feet to the northeast of the Verizon site and 74 feet to the southeast of the existing ground equipment enclosure. The project site is located approximately 50 feet below the ridgeline and 250 feet from the adjacent Forester Ranch Ridgeline Trail.

The project proposes to construct a new 20-foot tall monoecalyptus wireless facility that would be constructed on the slope adjacent to a City water tower. The purpose for the project is to close a significant gap in coverage and capacity issues at this location and the surrounding community.

Based on a site visit conducted on July 14, 2023, and review of applicant provided photo simulations (Attachment 4), no impact to ridgeline views were observed and staffs position is that the project complies with the Hillside Development Ordinance. The project as proposed, generally complies with the design specifications for monobroadleaf wireless facilities as specified in the Wireless Master Plan (WMP). The monoecalyptus height and design would be similar to the adjacent Verizon facility with branch limbs that extend out a minimum of 10 feet from the center with broad leaves that simulate a typical tree form. The equipment proposed for the tree includes four (4) six-foot panel antennas, two (2) air antennas, twenty-four (24) RRUs, three (3) surge suppression units, eight (8) DC power trunks (underground), and three (3) fiber trunks. To comply with the guidelines for the WMP, the facility is designed to accommodate a potential future co-location with the vertical extension of the monoecalyptus. The applicant estimates a second carrier would result in a 20-foot height increase to accommodate the required spacing between equipment.

The project also includes a 280 (20 feet x 14 feet) square foot expansion to the existing Verizon ground-mounted equipment enclosure that is located adjacent to the water tower. The exterior walls would be eight feet tall and constructed with a split face CMU block wall

to match the existing enclosure. The proposed equipment includes one (1) DC power plant, two (2) Purcell cabinets, one (1) 20kw generator with a 105-gallon fuel tank, three (3) surge suppression units, two (2) fiber management boxes, one (1) telco box and cien box, one (1) PTLC with ATS/MTS and Camlook, and a cable tray for the DC and fiber trunks (see Attachment 2).

Appendix B of the WMP specifies design criteria for Monobroadleaf (wireless facility disguised as a broadleaf tree) wireless facilities which are applicable to the project (Attachment 5).

The proposed wireless telecommunication facility is subject to the standards identified in Section 17.28.070 of the San Clemente Municipal Code (SCMC), which requires wireless projects on City property to obtain a CUP for new antennas on City property that are not in a pre-approved location designated in the Wireless Master Plan. To ensure compliance with the WMP, additional details and revisions should be incorporated into the design of the project which include the following: 1) branches should exceed all antennas by a minimum of 12 inches, 2) the foliage should be extruded in color, 3) there should be a minimum space of five feet between the top of the antenna and the top of the faux tree, and 4) all antennas should be covered with "leafed antenna socks" to match the foliage color. While the WMP calls for branches to start 15-feet above the ground it would increase the height of the facility by 10-feet and would be taller than the Verizon monoecalyptus facility. The applicant is supportive of the revisions to the project to be consistent with the WMP but notes that maintaining a minimum of five-feet between the top of the antenna and the tree would increase the faux tree height from 20 feet to 22 feet.

REVIEWING AUTHORITY:

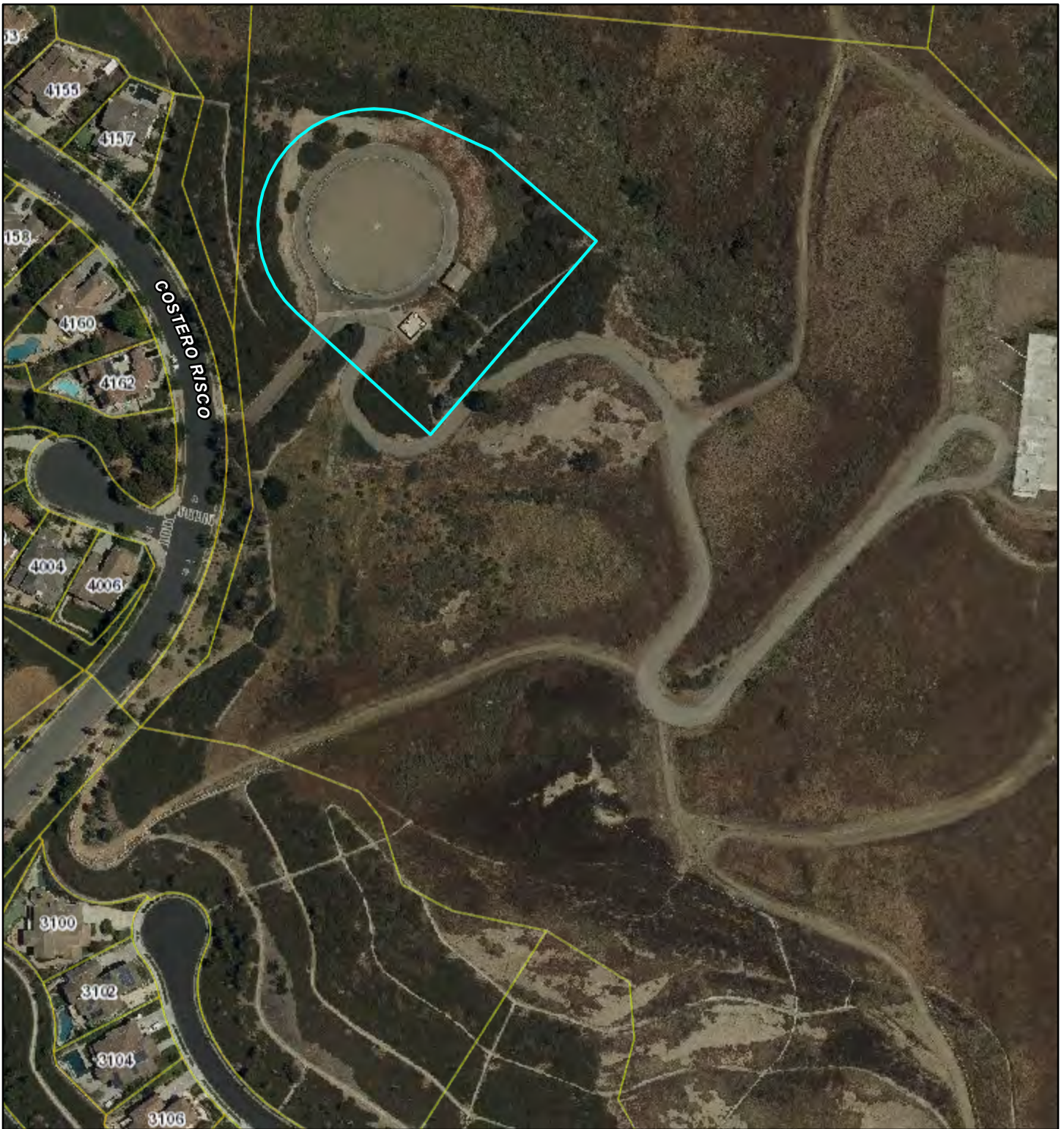
Under SCMC 17.16.060, Design Review Subcommittee (DRSC) is required for new antenna projects (Table 17.12.025 – Applications and Design Review Process). Under SCMC 17.12.020, the Planning Commission is the review authority for a CUP for a new wireless telecommunication facility.

RECOMMENDATION:



Staff seeks a recommendation from the DRSC for the wireless facility's design to provide to the Planning Commission.



Attachments:

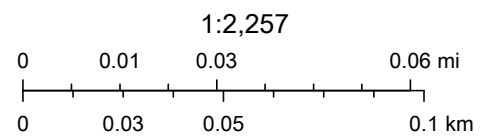
1. Location Map
2. Conceptual Project Plans
3. Site Photos
4. Photo Simulations
5. Wireless Master Plan Excerpt



9/20/2023, 9:32:19 PM

- Parcel Labels
-  Parcels
- World Boundaries and Places
-  City Boundary

- Eagle 1ft Tiled 2019
-  Red: Band_1
 -  Green: Band_2
 -  Blue: Band_3



City of Riverside, County of Riverside, Esri, HERE, Garmin, iPC, Maxar, Eagle Aerial



ATTACHMENT 2

SITE NUMBER: CLL01419
SITE NAME: AVENIDA CA
4159 COSTERO RISCO
SAN CLEMENTE, CA 92673



ATC SITE NUMBER: 420172

PACE #: MRLOS075202, USID: 307200, CASPR #: 3551A0WASX, FA #: 13023946

SITE INFORMATION

PROPERTY OWNER: CITY OF SAN CLEMENTE
 ADDRESS: 100 AVENIDA PRESIDIO
 SAN CLEMENTE, CA 92673

APPLICANT ADDRESS: AT&T MOBILITY
 1452 EDINGER AVE.
 TUSTIN, CA 92780

APPLICANT REPRESENTATIVE: SMARTLINK
 ADDRESS: 1997 ANNAPOLIS EXCHANGE PKWY., SUITE 200
 ANNAPOLIS, MD 21401

LATITUDE (NAD 83): N 33° 27' 53.01" N (33.464725°)
 LONGITUDE(NAD 83): W 117° 36' 59.77" W (-117.616603°)
 GROUND ELEVATION: 626.19' AMSL
 OCCUPANCY: U
 APN #: 679-242-05
 ZONING JURISDICTION: CITY OF SAN CLEMENTE
 CURRENT ZONING: FORSTERS RANCH SPECIFIC PLAN
 PROPOSED USE: UNMANNED TELECOMMUNICATIONS FACILITY
 LEASE SPACE: ±280 SQ. FT.

LOCATION MAPS

VICINITY MAP



LOCAL MAP



PROJECT DESCRIPTION

AT&T MOBILITY PROPOSES TO CONSTRUCT AN UNMANNED WIRELESS COMMUNICATION FACILITY. THE SCOPE WILL CONSIST OF THE FOLLOWING:

- ANTENNA LEVEL:**
- PROPOSED (1) 20' HIGH MONOEUCALYPTUS.
 - PROPOSED (4) 6" PANEL ANTENNAS ON PROPOSED MONOEUCALYPTUS. (2 PER SECTOR)
 - PROPOSED (2) AIR 6449 N77 ANTENNA ON PROPOSED MONOEUCALYPTUS. (1 PER SECTOR)
 - PROPOSED (24) RRUS MOUNTED BEHIND PANEL ANTENNAS ON PROPOSED MONOEUCALYPTUS. (12 PER SECTOR)
 - PROPOSED (3) DC9 SURGE SUPPRESSION UNITS ON MOUNTED ON PROPOSED ANTENNA MOUNTING FRAME.
 - PROPOSED (8) DC POWER TRUNKS ROUTED INSIDE PROPOSED MONOEUCALYPTUS.
 - PROPOSED (3) FIBER TRUNKS ROUTED INSIDE PROPOSED MONOEUCALYPTUS.

- EQUIPMENT LEVEL:**
- PROPOSED (1) DC POWER PLANT MOUNTED ON CONCRETE PAD INSIDE PROPOSED CMU WALL ENCLOSURE.
 - PROPOSED (2) PURCELL CABINETS (STACKED) MOUNTED ON CONCRETE PAD INSIDE PROPOSED CMU WALL ENCLOSURE.
 - PROPOSED (1) 20kW AC GENERAC GENERATOR WITH 97 GALLON FUEL TANK MOUNTED ON CONCRETE PAD INSIDE PROPOSED CMU WALL ENCLOSURE.
 - PROPOSED (3) DC12 SURGE SUPPRESSION UNITS MOUNTED INSIDE PROPOSED CMU WALL ENCLOSURE.
 - PROPOSED (2) FIBER MANAGEMENT BOXES MOUNTED INSIDE PROPOSED CMU WALL ENCLOSURE.
 - PROPOSED (1) TELCO BOX AND CIENA BOX MOUNTED INSIDE PROPOSED CMU WALL ENCLOSURE.
 - PROPOSED (1) PTLK WITH ATS/MTS AND CAMLOK MOUNTED INSIDE PROPOSED CMU WALL ENCLOSURE.
 - PROPOSED CABLE TRAY FOR DC AND FIBER TRUNKS.
 - PROPOSED SPLITFACE CMU WALL ENCLOSURE TO MATCH EXISTING.

DRAWING INDEX

SHEET NO:	SHEET TITLE
T-1	TITLE SHEET
LS-1	TOPOGRAPHIC SURVEY
LS-2	TOPOGRAPHIC SURVEY
A-1	SITE PLAN
A-2	EQUIPMENT LAYOUT AND ANTENNA PLAN
A-3	ELEVATIONS
A-4	ELEVATIONS

SIGNATURE BLOCK

	PRINT NAME	SIGNATURE	DATE
AT&T RF:			
AT&T PM:			
AT&T CM:			
SMARTLINK PM:			
SMARTLINK ZM:			
SMARTLINK SAQ:			
SMARTLINK CM:			

PROJECT TEAM

PROJECT MANAGER:
 SMARTLINK
 CONTACT: MOISES ACEVES
 PHONE: (760) 799-6670
 EMAIL: moises.aceves@smartlinkgroup.com

LAND USE PLANNER:
 SMARTLINK
 CONTACT: CHRIS DOHENY
 PHONE: (619) 944-8528
 EMAIL: chris.doheny@smartlinkgroup.com

CONSTRUCTION MANAGER:
 AT&T MOBILITY SERVICES LLC
 CONTACT: ANDRE CAMOU
 PHONE: (562) 293-6236
 EMAIL: ac2960@att.com

A/F MANAGER:
 CELLSITE CONCEPTS
 16885 VIA DEL CAMPO CT., SUITE 318
 SAN DIEGO, CA 92127
 CONTACT: SEV FRANCISCO
 PHONE: (858) 432-4112
 EMAIL: sfrancisco@cellsite.net

SITE ACQUISITION:
 SMARTLINK
 CONTACT: ERIK HARGRAVE
 PHONE: (626)-695-7375
 EMAIL: erik.hargrave@smartlinkgroup.com

DRIVING DIRECTIONS

- DIRECTION FROM AT&T OFFICE (1452 EDINGER AVE., TUSTIN, CA 92780):
1. START OUT GOING SOUTHEAST ON EDINGER AVENUE TOWARD RED HILL AVENUE
 2. TURN LEFT ONTO RED HILL AVENUE
 3. MERGE ONTO I-5 S TOWARD SAN DIEGO
 4. TAKE THE AVE. VISTA HERMOSA EXIT, EXIT 77.
 5. TURN LEFT ONTO AVENIDA VISTA HERMOSA
 6. TURN LEFT ONTO CAMINO VERA CRUZ
 7. TURN RIGHT ONTO COSTERO RISCO
 8. 4159 COSTERO RISCO, SAN CLEMENTE CA 92673-6408 IS ON THE RIGHT

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.

- CALIFORNIA ADMINISTRATIVE CODE (INCL TITLE 24 & 25)
- 2022 CALIFORNIA BUILDING CODE
- 2022 CALIFORNIA MECHANICAL CODE
- 2022 CALIFORNIA PLUMBING CODE
- 2022 CALIFORNIA ELECTRICAL CODE
- 2022 CALIFORNIA FIRE CODE
- 2022 LOCAL BUILDING CODE
- BUILDING OFFICIALS & CODE ADMINISTRATORS (BOCA)
- CITY/COUNTY ORDINANCES
- ANSI/TIA-222-H
- LIFE SAFETY CODE NFPA-101

GENERAL NOTES

THE FACILITY IS UNMANNED AND NOT FOR HUMAN HABITATION. HANDICAPPED ACCESS REQUIREMENTS ARE NOT REQUIRED IN ACCORDANCE WITH THE 2022 CALIFORNIA BUILDING CODE. 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 NEW.

ACCESSIBILITY NOTE

THE TELECOMMUNICATIONS EQUIPMENT SPACE SHOWN ON THESE PLANS IS NOT CUSTOMARILY OCCUPIED. WORK TO BE PERFORMED IN THIS FACILITY CANNOT REASONABLY BE PERFORMED BY PERSONS WITH A SEVERE IMPAIRMENT: MOBILITY, SIGHT, AND/OR HEARING. THEREFORE, PER 2022 CALIFORNIA BUILDING CODE SECTION 1105B.3.4, AND/OR 11B-203.5 OF 2022 CALIFORNIA BUILDING CODE, EXCEPTION 1, THIS FACILITY SHALL BE EXEMPTED FROM ALL TITLE 24 ACCESS REQUIREMENTS.

DO NOT SCALE DRAWINGS

SUBCONTRACTOR SHALL VERIFY ALL PLANS, EXISTING DIMENSIONS & FIELD 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.



REV	DATE	DESCRIPTION
1	03/30/2023	SMARTLINK COMMENTS
0	07/07/2021	100% ZD SET
A	05/19/2021	90% ZD's FOR REVIEW

ISSUED DATE: 03/30/2023

ISSUED FOR: 100% ZD SET

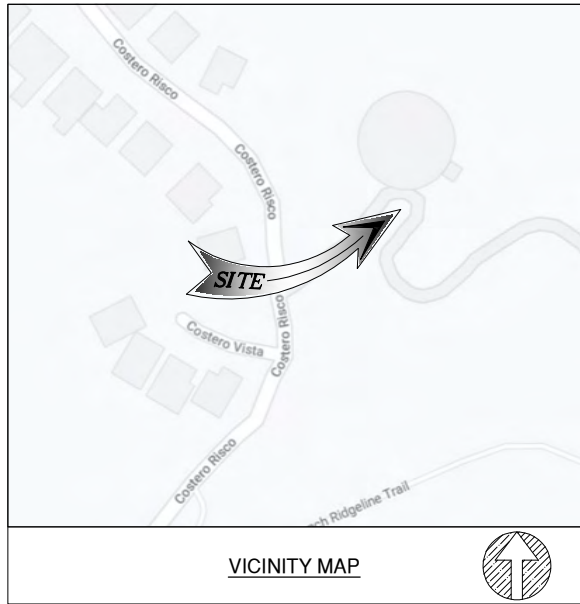
LICENSURE:

PROJECT INFORMATION:
 CLL01419
 AVENIDA CA
 4159 COSTERO RISCO
 SAN CLEMENTE, CA 92673

DRAWN BY: JDC
 CHECKED BY: SVF

SHEET TITLE: TITLE SHEET

SHEET NUMBER: T-1



VICINITY MAP

APN
679-242-05
SITE ADDRESS
4159 COSTERO RISCO, SAN CLEMENTE, CA 92673

TITLE REPORT

TITLE REPORT WAS PREPARED BY COMMONWEALTH LAND TITLE INSURANCE COMPANY WITH ORDER NUMBER 92016113-920-CMM-CM8 AND GUARANTEE NUMBER CA-SFXFC-IMP-81G28-2-21-92016113 DATED OCTOBER 19, 2021.

BASIS OF BEARING

BEARINGS SHOWN HEREON ARE BASED UPON U.S. STATE PLANE NAD83 COORDINATE SYSTEM CALIFORNIA STATE PLANE COORDINATE ZONE SIX, DETERMINED BY GPS OBSERVATIONS.

BENCHMARK

ELEVATIONS ARE BASED ON CRTN (CSRC) NETWORK BROADCAST COORDINATES.

FLOODZONE

SITE IS LOCATED IN FLOOD ZONE "X" AS PER F.I.R.M. MAP NO. 06059C0528J EFFECTIVE DATE 12/03/2009.

NOTES:

- THIS IS NOT A BOUNDARY SURVEY. THIS IS A SPECIALIZED TOPOGRAPHIC MAP. THE PROPERTY LINES AND EASEMENTS SHOWN HEREON ARE FROM RECORD INFORMATION AS NOTED HEREON. CELLSITE CONCEPTS TRANSLATED THE TOPOGRAPHIC SURVEY TO RECORD INFORMATION USING FOUND MONUMENTS SHOWN HEREON. THE LOCATION OF PROPERTY LINES SHOWN HEREON ARE APPROXIMATE AND FOR INFORMATIONAL PURPOSES ONLY. THEY ARE NOT TO BE RELIED UPON AS THE ACTUAL BOUNDARY LINES.
- ANY CHANGES MADE TO THE INFORMATION ON THIS PLAN, WITHOUT THE WRITTEN CONSENT OF CELLSITE CONCEPTS, RELIEVES CELLSITE CONCEPTS OF ANY AND ALL LIABILITY.
- THE HEIGHTS AND ELEVATIONS FOR THE TREES, BUSHES AND OTHER LIVING PLANTS SHOWN HEREON, SHOULD BE CONSIDERED APPROXIMATE (+/-) AND ONLY FOR THE DATE OF THIS SURVEY. THEY ARE PROVIDED AS A GENERAL REFERENCE AND SHOULD NOT BE USED FOR DESIGN PURPOSES.
- WRITTEN DIMENSIONS SHALL TAKE PREFERENCE OVER SCALED & SHALL BE VERIFIED ON THE JOB SITE. ANY DISCREPANCY SHALL BE BROUGHT TO THE NOTICE OF THE SURVEYOR PRIOR TO COMMENCEMENT OF ANY WORK.
- FIELD SURVEY COMPLETED ON MAY 05, 2021

LEGAL DESCRIPTION

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

PARCEL 1:

THOSE PORTIONS OF THE RANCHO BOCA DE LA PLAYA, AS SHOWN ON A MAP RECORDED JUNE 29, 1887, IN BOOK 4, PAGES 118 AND 119 OF PATENTS, RECORDS OF LOS ANGELES COUNTY, CALIFORNIA, AND OF SECTION 21, TOWNSHIP 8 SOUTH, RANGE 7 WEST, SAN BERNARDINO MERIDIAN, ACCORDING TO THE OFFICIAL PLAT THEREOF FILED IN THE DISTRICT LAND OFFICE SEPTEMBER 17, 1887, ALL BEING IN THE CITY OF SAN CLEMENTE, COUNTY OF ORANGE, STATE OF CALIFORNIA, MORE PARTICULARLY DESCRIBED AS FOLLOWS:

BEGINNING AT THE INTERSECTION OF THE NORTHEASTERLY TERMINUS OF THE CENTERLINE OF CAMINO VERA CRUZ AND THE NORTHEASTERLY TRACT BOUNDARY, ALL AS SHOWN ON THE MAP OF TRACT NO. 10417, RECORDED IN BOOK 523, PAGES 1 THROUGH 6, INCLUSIVE, OF MISCELLANEOUS MAPS, RECORDS OF ORANGE COUNTY; THENCE NORTH 50° 39' 17" EAST 459.22 FEET TO THE POINT OF BEGINNING; THENCE NORTH 47° 04' 45" WEST 202.18 FEET TO A TANGENT CURVE, CONCAVE SOUTHEASTERLY, WITH A RADIUS OF 130.00 FEET; THENCE NORTH-WESTERLY, NORTHERLY, NORTHEASTERLY AND EASTERLY ALONG SAID CURVE THROUGH A CENTRAL ANGLE OF 162° 04' 45", AN ARC DISTANCE OF 367.75 FEET; THENCE SOUTH 65° 00' 00" EAST 85.50 FEET; THENCE SOUTH 48° 28' 04" EAST 154.00 FEET; THENCE SOUTH 41° 31' 56" WEST 283.82 FEET TO THE TRUE POINT OF BEGINNING.

PARCEL 2:

A NON-EXCLUSIVE EASEMENT FOR THE PURPOSE OF PEDESTRIAN AND VEHICULAR INGRESS AND EGRESS AND UTILITY PURPOSES UPON, OVER AND THROUGH THOSE PORTIONS OF THE RANCHO BOCA LA PLAYA, AS SHOWN ON A MAP RECORDED JUNE 29, 1887, IN BOOK 4, PAGES 118 AND 119 OF PATENTS, RECORDS, OF LOS ANGELES COUNTY, CALIFORNIA, AND OF SECTION 21, TOWNSHIP 8 SOUTH, RANGE 7 WEST, SAN BERNARDINO MERIDIAN, ACCORDING TO THE OFFICIAL PLAT THEREOF FILED IN THE

DISTRICT LAND OFFICE SEPTEMBER 17, 1887, ALL BEING IN THE CITY OF SAN CLEMENTE, COUNTY OF ORANGE, STATE OF CALIFORNIA, MORE PARTICULARLY DESCRIBED AS FOLLOWS:

BEGINNING AT THE INTERSECTION OF THE NORTHEASTERLY TERMINUS OF THE CENTERLINE OF CAMINO VERA CRUZ AND THE NORTHEASTERLY TRACT BOUNDARY, ALL AS SHOWN ON THE MAP OF TRACT NO. 10417, RECORDED IN BOOK 523, PAGES 1 THROUGH 6, INCLUSIVE, OF MISCELLANEOUS MAPS, RECORDS OF ORANGE COUNTY; THENCE ALONG SAID; NORTHEASTERLY TRACT BOUNDARY, NORTH 42° 22' 55" WEST 38.55 FEET TO THE POINT OF BEGINNING; THENCE NORTH 41° 43' 19" EAST 154.87 FEET TO THE BEGINNING OF A 25.00 FOOT RADIUS TANGENT CURVE, CONCAVE WESTERLY; THENCE NORTHEASTERLY AND NORTHERLY ALONG SAID CURVE THROUGH A CENTRAL ANGLE OF

41° 23' 47" AN ARC LENGTH OF 18.06 FEET; THENCE NORTH 00° 19' 32" EAST 113.95 FEET; THENCE NORTH 89° 40' 28" WEST 2.00 FEET TO THE BEGINNING OF A 47.00 FOOT RADIUS NON-TANGENT CURVE, CONCAVE SOUTHEASTERLY, A RADIAL THROUGH SAID POINT BEARS NORTH 89° 40' 28" WEST; THENCE NORTHERLY AND NORTHEASTERLY ALONG SAID CURVE THROUGH A CENTRAL ANGLE OF 86° 05' 52" AN ARC LENGTH OF 70.63 FEET; THENCE NORTH 86° 25' 24" EAST 10.01 FEET TO THE BEGINNING OF A 23.00 FOOT RADIUS TANGENT CURVE, CONCAVE NORTHWESTERLY; THENCE EASTERLY AND NORTHEASTERLY ALONG SAID CURVE THROUGH A CENTRAL ANGLE OF 45° 00' 00" AN

ARC LENGTH OF 18.06 FEET; THENCE NORTH 41° 25' 24" EAST 91.17 FEET TO THE BEGINNING OF A 58.00 FOOT RADIUS TANGENT CURVE, CONCAVE NORTHWESTERLY; THENCE NORTHEASTERLY ALONG SAID CURVE THROUGH A CENTRAL ANGLE OF 19° 20' 46" AN ARC LENGTH OF 19.58 FEET; THENCE SOUTH 47° 04' 45" EAST 35.29 FEET; THENCE SOUTH 41° 25' 24" WEST 149.21 FEET; THENCE SOUTH 86° 25' 24" WEST 35.62 FEET; THENCE SOUTH 00° 19' 32" WEST 121.59 FEET; THENCE SOUTH 41° 23' 47" WEST 189.06 FEET TO A POINT ON THE SAID NORTHEASTERLY BOUNDARY; THENCE NORTHWESTERLY ALONG SAID TRACT BOUNDARY NORTH 42° 22' 55" WEST 20.11 FEET TO THE POINT OF BEGINNING.

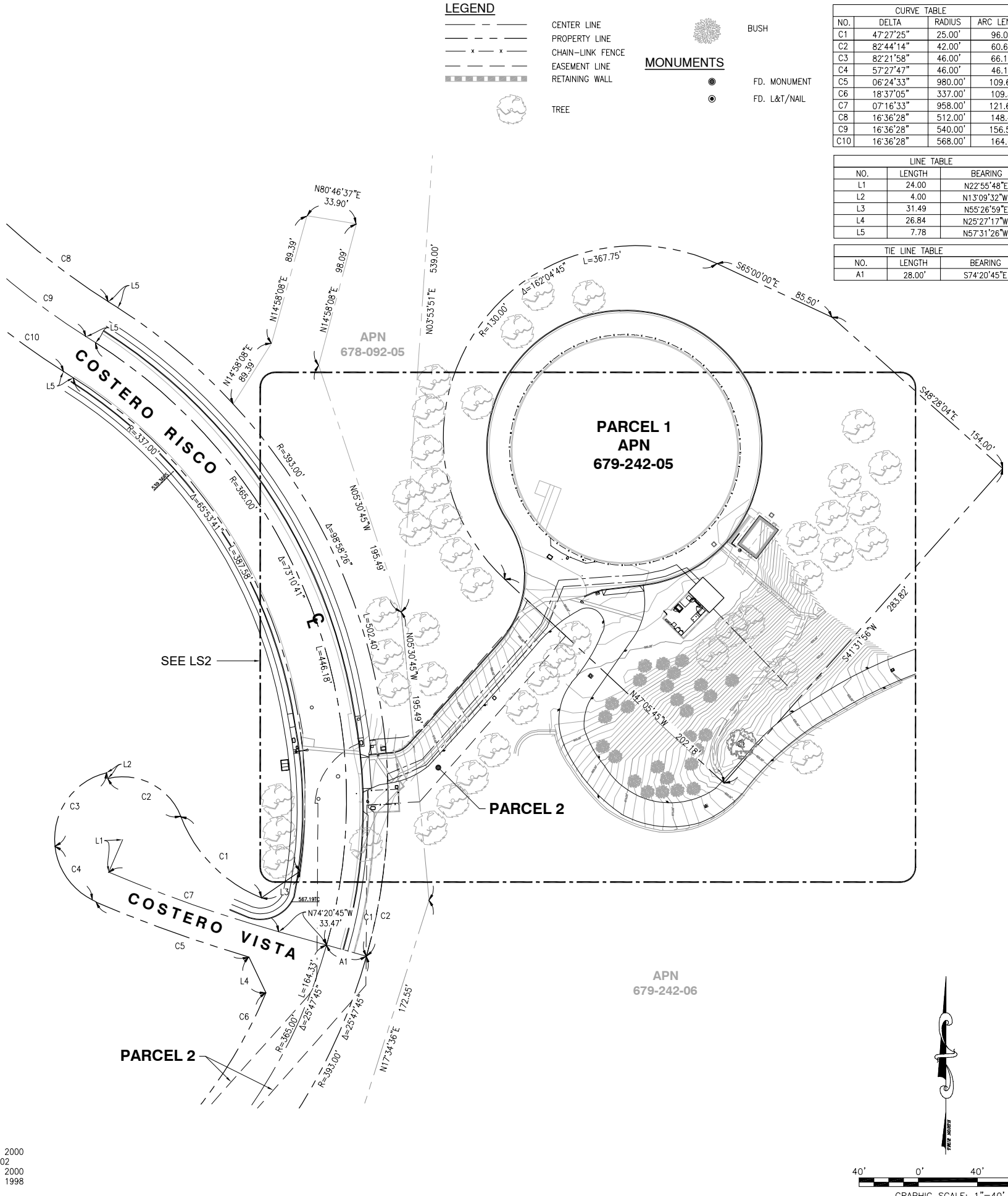
APN: 679-242-05

SCHEDULE B (EXCEPTIONS)

- ITEM A IS TAX RELATED
- ITEM B IS LIEN RELATED
- ITEM 1 IS AGREEMENT RELATED

PROPERTY LINES DERIVED FROM:

- TRACT MAP NO. 15562 DATED DECEMBER 07, 2000
- TRACT MAP NO. 15718 DATED MARCH 18, 2002
- TRACT MAP NO. 16040 DATED DECEMBER 15, 2000
- PARCEL MAP NO. 98-170 DATED DECEMBER 29, 1998
- ASSESSOR'S MAP NO. 678-15 DATED 2005



LEGEND

- CENTER LINE
- PROPERTY LINE
- CHAIN-LINK FENCE
- EASEMENT LINE
- RETAINING WALL
- TREE
- BUSH
- MONUMENTS
- FD. MONUMENT
- FD. L&T/NAIL

CURVE TABLE

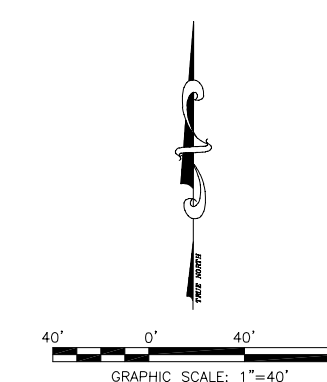
NO.	DELTA	RADIUS	ARC LENGTH
C1	47°27'25"	25.00'	96.00'
C2	82°44'14"	42.00'	60.65'
C3	82°21'58"	46.00'	66.13'
C4	57°27'47"	46.00'	46.13'
C5	06°24'33"	980.00'	109.62'
C6	18°37'05"	337.00'	109.51'
C7	07°16'33"	958.00'	121.65'
C8	16°36'28"	512.00'	148.41'
C9	16°36'28"	540.00'	156.52'
C10	16°36'28"	568.00'	164.64'

LINE TABLE

NO.	LENGTH	BEARING
L1	24.00	N22°55'48"E
L2	4.00	N13°09'32"W
L3	31.49	N55°26'59"E
L4	26.84	N25°27'17"W
L5	7.78	N57°31'26"W

TIE LINE TABLE

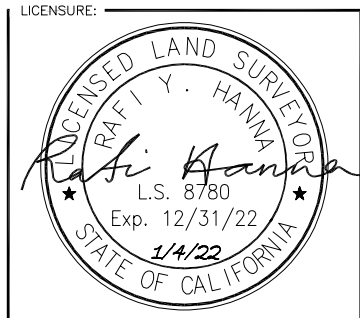
NO.	LENGTH	BEARING
A1	28.00'	S74°20'45"E



REV	DATE	DESCRIPTION
3	03/30/2023	UPDATED TITLE BLOCK
2	01/04/2022	FINAL SURVEY
1	05/18/2021	PRELIMINARY SURVEY

ISSUED DATE: MARCH 30, 2023

ISSUED FOR: FINAL SURVEY



PROJECT INFORMATION:
CLL01419
AVENIDA
4159 COSTERO RISCO,
SAN CLEMENTE, CA 92673

DRAWN BY: JDC
CHECKED BY: RH

SHEET TITLE: TOPOGRAPHIC SURVEY

SHEET NUMBER: LS-1

12 FEET WIDE AT&T NON-EXCLUSIVE INGRESS/EGRESS ROUTE CENTERLINE DESCRIPTION:

THOSE PORTIONS OF THE RANCHO BOCA DE LA PLAYA, AS SHOWN ON A MAP RECORDED JUNE 29, 1887, IN BOOK 4, PAGES 118 AND 119 OF PATENTS, RECORDS OF LOS ANGELES COUNTY, CALIFORNIA, AND OF SECTION 21, TOWNSHIP 8 SOUTH, RANGE 7 WEST, SAN BERNARDINO MERIDIAN, ACCORDING TO THE OFFICIAL PLAT THEREOF FILED IN THE DISTRICT LAND OFFICE SEPTEMBER 17, 1887, ALL BEING IN THE CITY OF SAN CLEMENTE, COUNTY OF ORANGE, STATE OF CALIFORNIA,

A STRIP OF LAND FOR THE PURPOSES OF ACCESS EASEMENT FOR THE LAND REFERRED TO HEREIN SITUATED IN THE CITY OF SAN CLEMENTE, IN THE COUNTY OF ORANGE, STATE OF CALIFORNIA, AND IS DESCRIBED AS FOLLOWS:

AN ACCESS EASEMENT BEING TWELVE (12.00) FEET IN WIDTH AND LYING SIX (6.00) FEET ON EACH SIDE OF THE FOLLOWING DESCRIBED CENTERLINE:

COMMENCING AT THE INTERSECTION OF THE CENTERLINE OF COSTERO RISCO AND THE CENTERLINE OF COSTERO VISTA, ALL AS SHOWN ON THE MAP OF TRACT NO. 15562, RECORDED IN BOOK 810, PAGES 14 THROUGH 18, INCLUSIVE, OF MISCELLANEOUS MAPS, RECORDS OF ORANGE COUNTY; THENCE SOUTH 74°20'45" EAST A DISTANCE OF 28.00 FEET TO THE EASTERLY RIGHT OF WAY OF COSTERO RISCO; THENCE NORTHWESTERLY ALONG SAID RIGHT OF WAY, WITH A RADIUS OF 393.00 FEET THROUGH A CENTRAL ANGLE OF 18°08'01", AN ARC DISTANCE OF 124.38 FEET TO THE TRUE POINT OF BEGINNING:

THENCE NORTH 67°06'56" EAST A DISTANCE OF 25.39 FEET;
 THENCE NORTH 41°19'30" EAST A DISTANCE OF 121.75 FEET;
 THENCE NORTH 21°51'52" EAST A DISTANCE OF 31.79 FEET;
 THENCE NORTH 86°00'36" EAST A DISTANCE OF 56.34 FEET;
 THENCE NORTH 78°05'31" EAST A DISTANCE OF 14.82 FEET;
 THENCE NORTH 67°53'11" EAST A DISTANCE OF 9.49 FEET;
 THENCE SOUTH 45°31'32" EAST A DISTANCE OF 18.57 FEET TO THE PROPOSED AT&T LEASE AREA BEING POINT "A" AND ALSO BEING THE POINT OF TERMINUS.

THE SIDE LINES OF SAID EASEMENT TO BE PROLONGED OR SHORTENED TO MEET AT ANGLE-POINT INTERSECTIONS.

3 FEET WIDE AT&T NON-EXCLUSIVE UTILITY ROUTE CENTERLINE DESCRIPTION:

THOSE PORTIONS OF THE RANCHO BOCA DE LA PLAYA, AS SHOWN ON A MAP RECORDED JUNE 29, 1887, IN BOOK 4, PAGES 118 AND 119 OF PATENTS, RECORDS OF LOS ANGELES COUNTY, CALIFORNIA, AND OF SECTION 21, TOWNSHIP 8 SOUTH, RANGE 7 WEST, SAN BERNARDINO MERIDIAN, ACCORDING TO THE OFFICIAL PLAT THEREOF FILED IN THE DISTRICT LAND OFFICE SEPTEMBER 17, 1887, ALL BEING IN THE CITY OF SAN CLEMENTE, COUNTY OF ORANGE, STATE OF CALIFORNIA,

A STRIP OF LAND FOR THE PURPOSES OF UTILITY EASEMENT FOR THE LAND REFERRED TO HEREIN SITUATED IN THE CITY OF SAN CLEMENTE, IN THE COUNTY OF ORANGE, STATE OF CALIFORNIA, AND IS DESCRIBED AS FOLLOWS:

AN UTILITY EASEMENT BEING THREE (3.00) FEET IN WIDTH AND LYING EIGHTEEN (18.00) INCHES ON EACH SIDE OF THE FOLLOWING DESCRIBED CENTERLINE:

COMMENCING AT THE INTERSECTION OF THE CENTERLINE OF COSTERO RISCO AND THE CENTERLINE OF COSTERO VISTA, ALL AS SHOWN ON THE MAP OF TRACT NO. 15562, RECORDED IN BOOK 810, PAGES 14 THROUGH 18, INCLUSIVE, OF MISCELLANEOUS MAPS, RECORDS OF ORANGE COUNTY; THENCE SOUTH 74°20'45" EAST A DISTANCE OF 28.00 FEET TO THE EASTERLY RIGHT OF WAY OF COSTERO RISCO; THENCE NORTHWESTERLY ALONG SAID RIGHT OF WAY, WITH A RADIUS OF 393.00 FEET THROUGH A CENTRAL ANGLE OF 17°25'55", AN ARC DISTANCE OF 119.57 FEET TO THE TRUE POINT OF BEGINNING:

THENCE NORTH 67°06'56" EAST A DISTANCE OF 28.12 FEET;
 THENCE NORTH 41°19'30" EAST A DISTANCE OF 123.55 FEET;
 THENCE NORTH 21°51'52" EAST A DISTANCE OF 29.74 FEET;
 THENCE NORTH 86°00'36" EAST A DISTANCE OF 53.83 FEET;
 THENCE NORTH 78°05'31" EAST A DISTANCE OF 15.54 FEET;
 THENCE NORTH 67°53'11" EAST A DISTANCE OF 15.54 FEET;
 THENCE SOUTH 45°31'32" EAST A DISTANCE OF 12.20 FEET TO THE PROPOSED AT&T LEASE AREA BEING THE POINT OF TERMINUS.

THE SIDE LINES OF SAID EASEMENT TO BE PROLONGED OR SHORTENED TO MEET AT ANGLE-POINT INTERSECTIONS.

PROPOSED AT&T LEASE SPACE DESCRIPTION

BEGINNING AT SAID POINT "A",

THENCE NORTH 44°28'28" EAST A DISTANCE OF 6.46 FEET;
 THENCE SOUTH 45°31'32" EAST A DISTANCE OF 20.00 FEET;
 THENCE SOUTH 44°28'28" WEST A DISTANCE OF 10.29 FEET TO A POINT HEREIN REFERRED TO AS POINT "B".
 THENCE SOUTH 44°28'28" WEST A DISTANCE OF 3.71 FEET;
 THENCE NORTH 45°31'32" WEST A DISTANCE OF 20.00 FEET;
 THENCE NORTH 44°28'28" EAST A DISTANCE OF 7.54 FEET TO THE POINT OF BEGINNING OF THE PROPOSED AT&T LEASE AREA

CONTAINING 280 SQUARE FEET MORE OR LESS.

ADD'L 3 FEET WIDE AT&T NON-EXCLUSIVE CABLE ROUTE CENTERLINE DESCRIPTION:

THOSE PORTIONS OF THE RANCHO BOCA DE LA PLAYA, AS SHOWN ON A MAP RECORDED JUNE 29, 1887, IN BOOK 4, PAGES 118 AND 119 OF PATENTS, RECORDS OF LOS ANGELES COUNTY, CALIFORNIA, AND OF SECTION 21, TOWNSHIP 8 SOUTH, RANGE 7 WEST, SAN BERNARDINO MERIDIAN, ACCORDING TO THE OFFICIAL PLAT THEREOF FILED IN THE DISTRICT LAND OFFICE SEPTEMBER 17, 1887, ALL BEING IN THE CITY OF SAN CLEMENTE, COUNTY OF ORANGE, STATE OF CALIFORNIA,

A STRIP OF LAND FOR THE PURPOSES OF UTILITY EASEMENT FOR THE LAND REFERRED TO HEREIN SITUATED IN THE CITY OF SAN CLEMENTE, IN THE COUNTY OF ORANGE, STATE OF CALIFORNIA, AND IS DESCRIBED AS FOLLOWS:

AN UTILITY EASEMENT BEING THREE (3.00) FEET IN WIDTH AND LYING EIGHTEEN (18.00) INCHES ON EACH SIDE OF THE FOLLOWING DESCRIBED CENTERLINE:

COMMENCING AT POINT "B"
 THENCE SOUTH 43°52'59" EAST A DISTANCE OF 72.07 FEET TO THE PROPOSED AT&T MONOEUCALYPTUS BEING THE POINT OF TERMINUS.

THE SIDE LINES OF SAID EASEMENT TO BE PROLONGED OR SHORTENED TO MEET AT ANGLE-POINT INTERSECTIONS.

TIE CURVE TABLE			
NO.	DELTA	RADIUS	ARC LENGTH
C1	18°08'01"	393.00'	124.38'
C2	17°25'55"	393.00'	119.57'

ACCESS EASEMENT LINE TABLE		
NO.	LENGTH	BEARING
A1	25.39'	N67°06'56"E
A2	121.75'	N41°19'30"E
A3	31.79'	N21°51'52"E
A4	56.34'	N86°00'36"E
A5	14.82'	N78°05'31"E
A6	9.49'	N67°53'11"E
A7	18.57'	S45°31'32"E

UTILITY EASEMENT LINE TABLE		
NO.	LENGTH	BEARING
B1	28.12'	N67°06'56"E
B2	123.55'	N41°19'30"E
B3	29.74'	N21°51'52"E
B4	53.83'	N86°00'36"E
B5	15.54'	N78°05'31"E
B6	15.54'	N67°53'11"E
B7	12.20'	S45°31'32"E
B8	72.07'	S43°52'59"E

LEASE AREA LINE TABLE		
NO.	LENGTH	BEARING
D1	6.46'	N44°28'28"E
D2	20.00'	S45°31'32"E
D3	10.29'	S44°28'28"W
D4	3.71'	S44°28'28"W
D5	20.00'	N45°31'32"W
D6	7.54'	N44°28'28"E

LEGEND

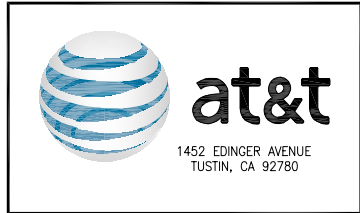
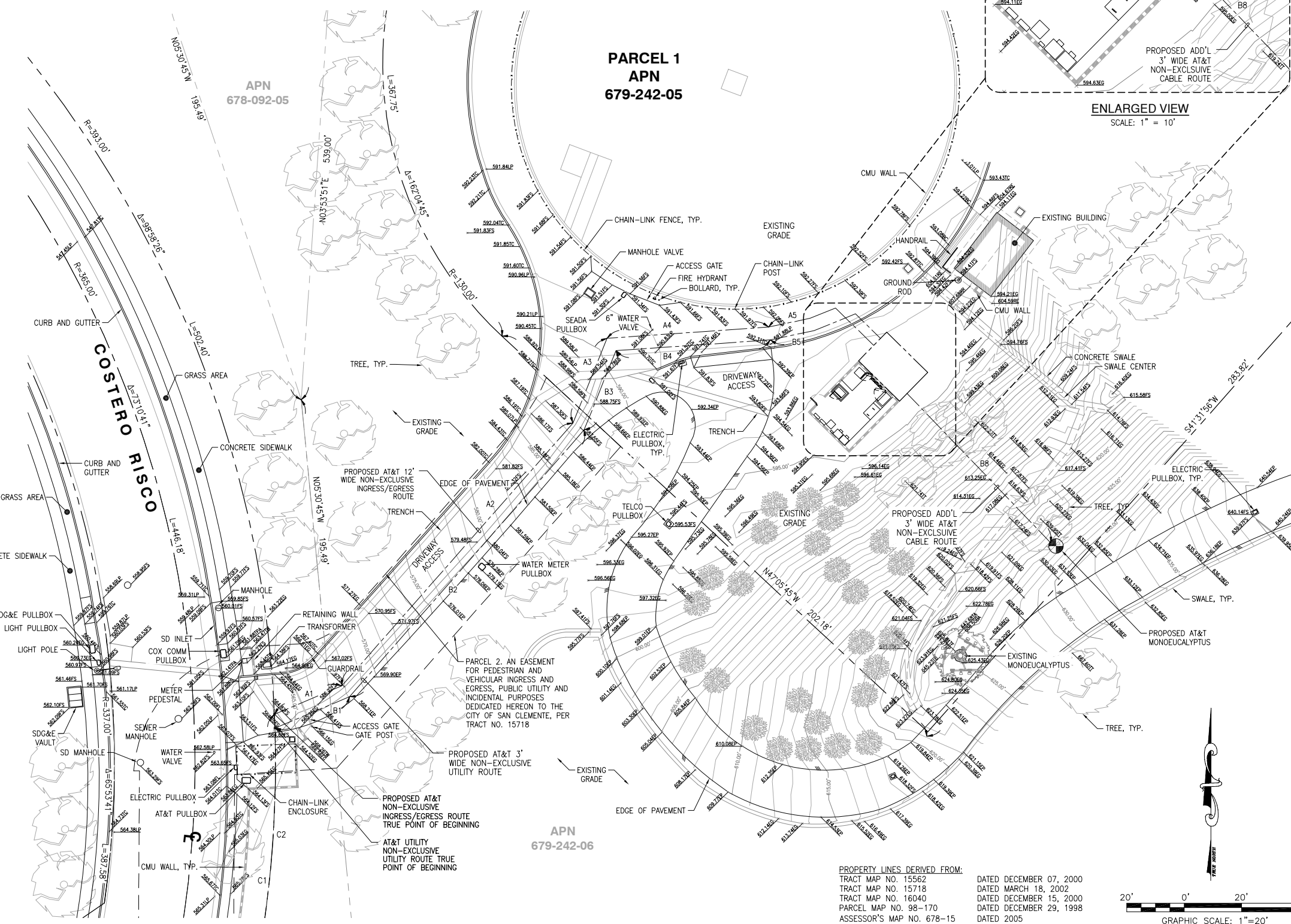
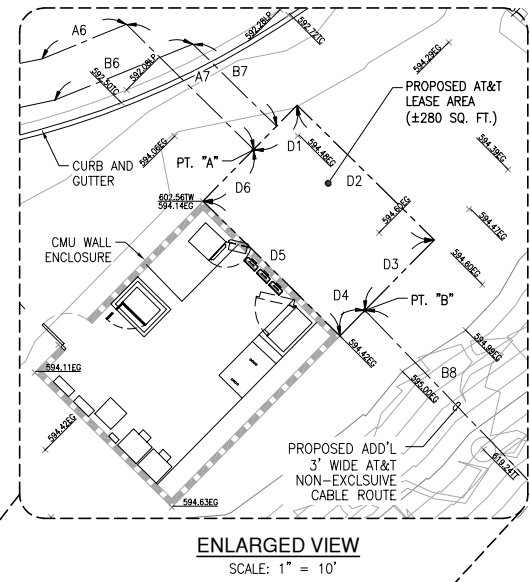
- CENTER LINE
- PROPERTY LINE
- - - CHAIN-LINK FENCE
- - - EASEMENT LINE
- - - RETAINING WALL
- - - EDGE OF PAVEMENT
- - - FINISH SURFACE
- - - FLOW LINE
- - - LIP OF GUTTER
- - - TOP OF CURB
- - - TOP OF LUMINAIRE
- - - TOP OF POLE
- - - TOP OF ROOF
- TT TOP OF TREE
- TA TOP OF ANTENNA
- RR ROOF RIDGE
- RE ROOF EDGE
- TW TOP OF WALL
- BC BACK CURB
- TPA TOP OF PAD
- EXISTING STREET LIGHT
- CATCH BASIN
- FIRE HYDRANT
- TREE

MONUMENTS

- FD. MONUMENT
- FD. L&T/NAIL

COORDINATES

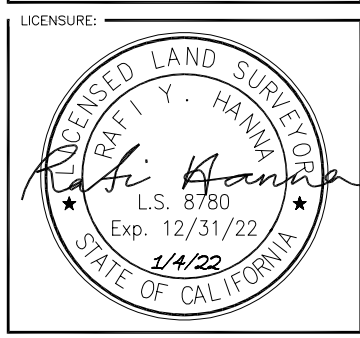
LATITUDE: 33°27'53.01"N (33.464725)
 LONGITUDE: 117°36'59.77"W (-117.616603)



REV	DATE	DESCRIPTION
3	03/30/2023	UPDATED TITLE BLOCK
2	01/04/2022	FINAL SURVEY
1	05/18/2021	PRELIMINARY SURVEY

ISSUED DATE: **MARCH 30, 2023**

ISSUED FOR: **FINAL SURVEY**



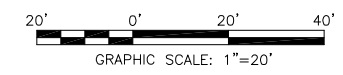
PROJECT INFORMATION:
CLL01419
AVENIDA
4159 COSTERO RISCO,
SAN CLEMENTE, CA 92673

DRAWN BY: JDC
 CHECKED BY: RH

SHEET TITLE: **TOPOGRAPHIC SURVEY**

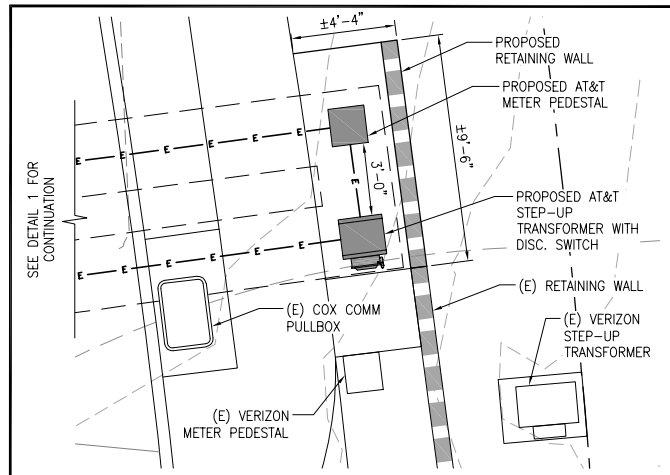
SHEET NUMBER: **LS-2**

PROPERTY LINES DERIVED FROM:
 TRACT MAP NO. 15562 DATED DECEMBER 07, 2000
 TRACT MAP NO. 15718 DATED MARCH 18, 2002
 TRACT MAP NO. 16040 DATED DECEMBER 15, 2000
 PARCEL MAP NO. 98-170 DATED DECEMBER 29, 1998
 ASSESSOR'S MAP NO. 678-15 DATED 2005

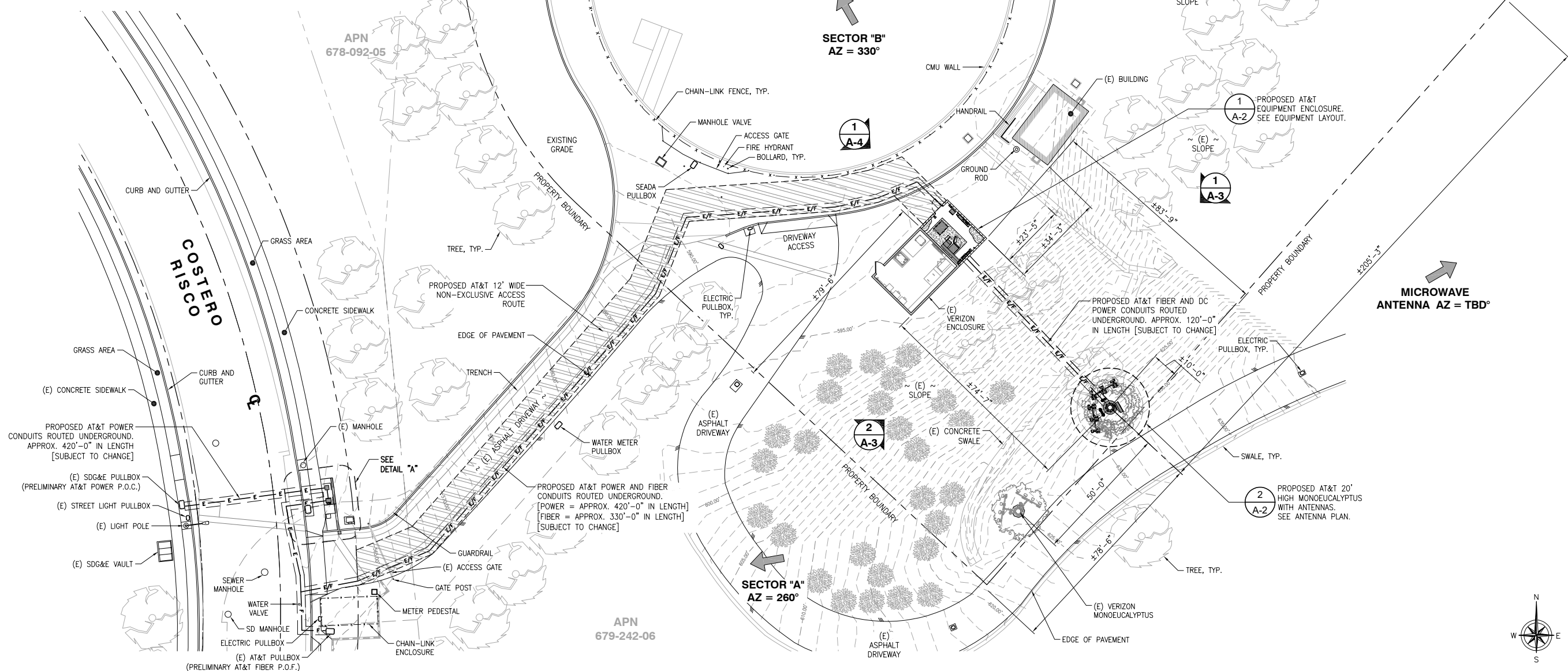


NOTES:

1. NO EXISTING PARKING STALLS ARE BEING ADDED OR REMOVED AS PART OF THE PROPOSED INSTALLATION.
2. THE PROPOSED LAYOUT IS PRELIMINARY AND SUBJECT TO CHANGE PENDING FULL STRUCTURAL REPORTS.

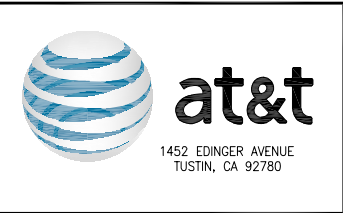


DETAIL "A"



SITE PLAN

24"x36" SCALE: 1" = 20'-0"
11"x17" SCALE: 1" = 40'-0"



REV	DATE	DESCRIPTION
1	03/30/2023	SMARTLINK COMMENTS
0	07/07/2021	100% ZD SET
A	05/19/2021	90% ZD's FOR REVIEW

ISSUED DATE: 03/30/2023

ISSUED FOR: 100% ZD SET

LICENSURE:

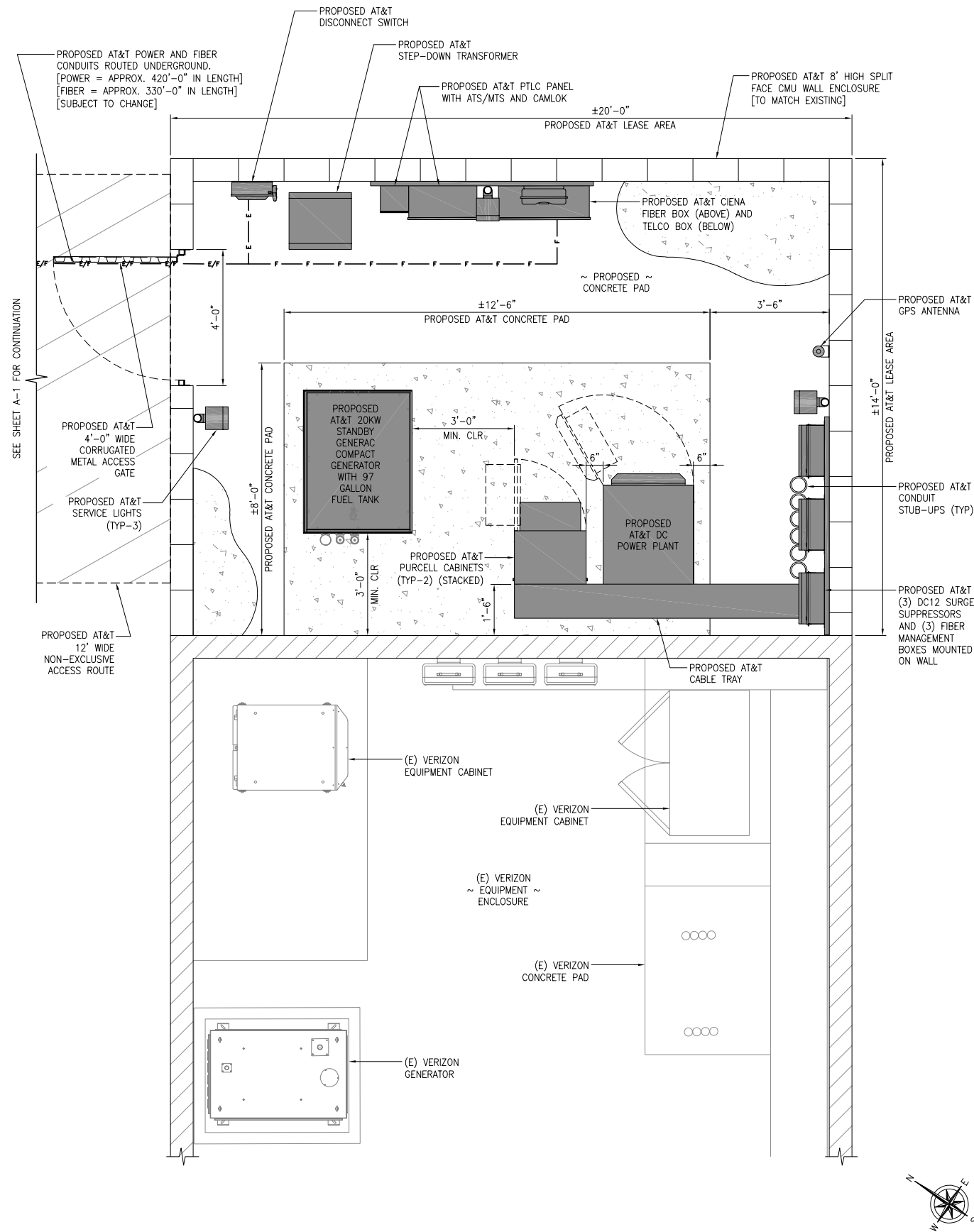
PROJECT INFORMATION:
CLL01419
AVENIDA CA
4159 COSTERO RISCO
SAN CLEMENTE, CA 92673

DRAWN BY: JDC
CHECKED BY: SVF

SHEET TITLE: SITE PLAN

SHEET NUMBER: A-1

- NOTES:
- NO EXISTING PARKING STALLS ARE BEING ADDED OR REMOVED AS PART OF THE PROPOSED INSTALLATION.
 - PROPOSED POWER AND TELCO PLAN IS PRELIMINARY AND SUBJECT TO CHANGE PENDING FINAL DESIGN FROM THE UTILITY COMPANY.

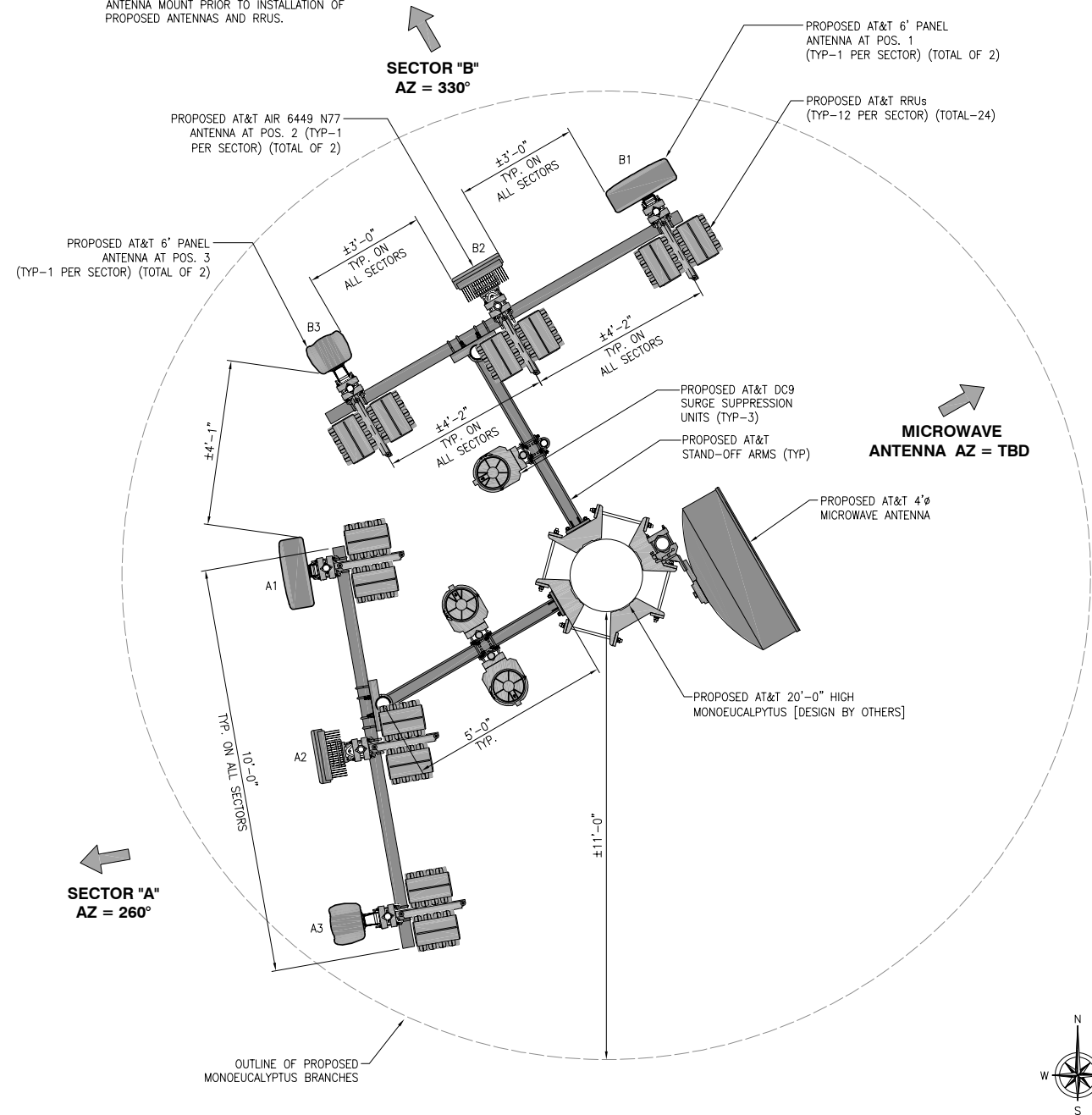


EQUIPMENT LAYOUT

24"x36" SCALE: 1/2" = 1'-0"
11"x17" SCALE: 1/4" = 1'-0"

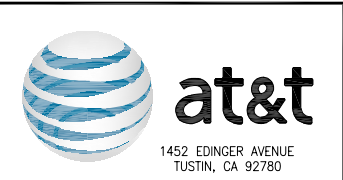
PROPOSED ANTENNA SCHEDULE													
ANTENNA POSITION	STATUS	RAD CENTER	TECHNOLOGY	ANTENNA MAKE/MODEL	AZIMUTH	ANTENNA COUNT	FILTER/TMA MODEL	FILTER/TMA COUNT	CABLE LENGTH	TRANSMISSION TYPE(S)	RRUS MAKE/MODEL	RRUS COUNT	
ALPHA SECTOR	A1	PROPOSED	±14'-0"	LTE 700/850/1900	CCI TPA-65R-BU6DA-K 71.2"Hx20.7"Wx7.7"D	260°	1	-	-	±120'-0"	(8) POWER TRUNKS AND (3) FIBER TRUNKS	ERICSSON RRUS	4
	A2	PROPOSED	±14'-0"	C-BAND	ERICSSON AIR 6449 N77 31"Hx15.9"Wx8.7"D	260°	1	-	-	±120'-0"		ERICSSON RRUS	4
	A3	PROPOSED	±14'-0"	LTE 700	QUINTEL QS6658-7 72"Hx12"Wx9.6"D	260°	1	-	-	±120'-0"		ERICSSON RRUS	4
BETA SECTOR	B1	PROPOSED	±14'-0"	LTE 700/850/1900	CCI TPA-65R-BU6DA-K 71.2"Hx20.7"Wx7.7"D	330°	1	-	-	±120'-0"		ERICSSON RRUS	4
	B2	PROPOSED	±14'-0"	C-BAND	ERICSSON AIR 6449 N77 31"Hx15.9"Wx8.7"D	330°	1	-	-	±120'-0"		ERICSSON RRUS	4
	B3	PROPOSED	±14'-0"	LTE 700	QUINTEL QS6658-7 72"Hx12"Wx9.6"D	330°	1	-	-	±120'-0"		ERICSSON RRUS	4
MW	PROPOSED	±14'-0"	-	GENERIC 4' MICROWAVE	TBD	1	-	-	-	-	-	-	

- NOTES:
- PROPOSED AT&T ANTENNAS, RRUS, SURGE SUPPRESSION UNITS AND ANTENNA MOUNTING KIT TO BE PAINTED GREEN FOR CONCEALMENT.
 - STRUCTURAL ANALYSIS IS REQUIRED FOR PROPOSED MONOEUCALYPTUS AND PROPOSED ANTENNA MOUNT PRIOR TO INSTALLATION OF PROPOSED ANTENNAS AND RRUS.



ANTENNA PLAN

24"x36" SCALE: 1/2" = 1'-0"
11"x17" SCALE: 1/4" = 1'-0"



REV	DATE	DESCRIPTION
1	03/30/2023	SMARTLINK COMMENTS
0	07/07/2021	100% ZD SET
A	05/19/2021	90% ZD's FOR REVIEW

ISSUED DATE:
03/30/2023

ISSUED FOR:
100% ZD SET

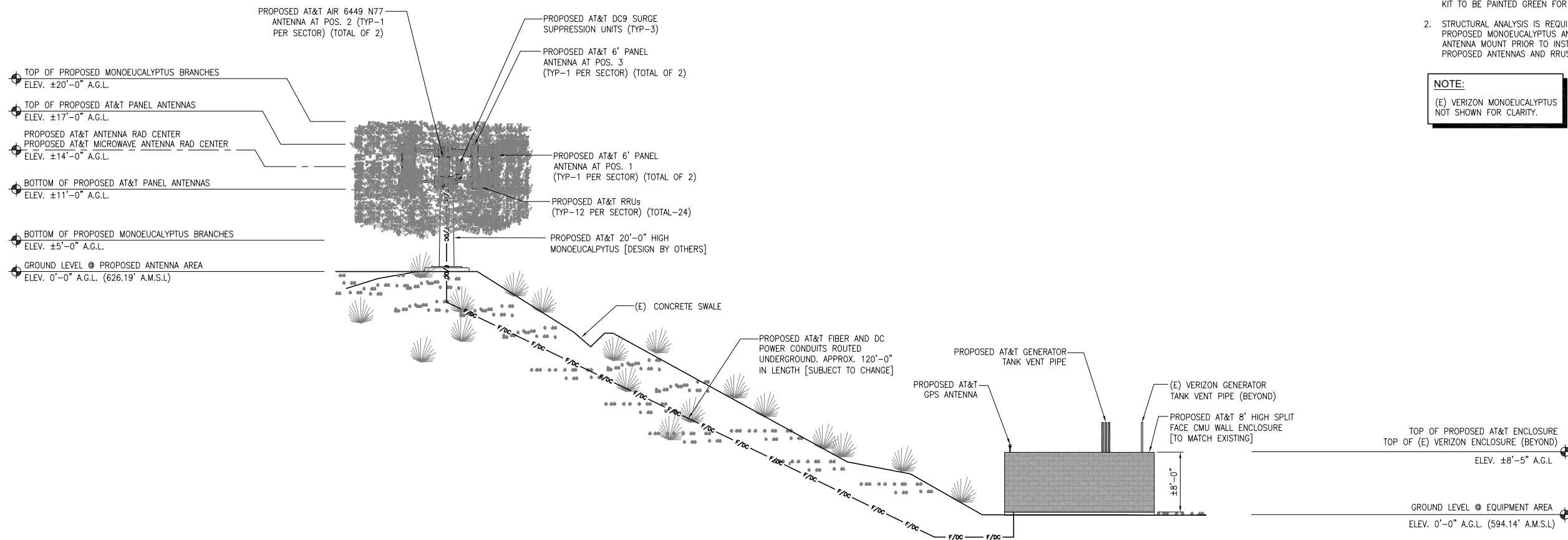
LICENSURE:

PROJECT INFORMATION:
CLL01419
AVENIDA CA
4159 COSTERO RISCO
SAN CLEMENTE, CA 92673

DRAWN BY: JDC
CHECKED BY: SVF

SHEET TITLE:
EQUIPMENT LAYOUT AND ANTENNA PLAN

SHEET NUMBER:
A-2



- NOTES:**
- PROPOSED AT&T ANTENNAS, RRUs, SURGE SUPPRESSION UNITS AND ANTENNA MOUNTING KIT TO BE PAINTED GREEN FOR CONCEALMENT.
 - STRUCTURAL ANALYSIS IS REQUIRED FOR PROPOSED MONOEUCALPYTUS AND PROPOSED ANTENNA MOUNT PRIOR TO INSTALLATION OF PROPOSED ANTENNAS AND RRUs.

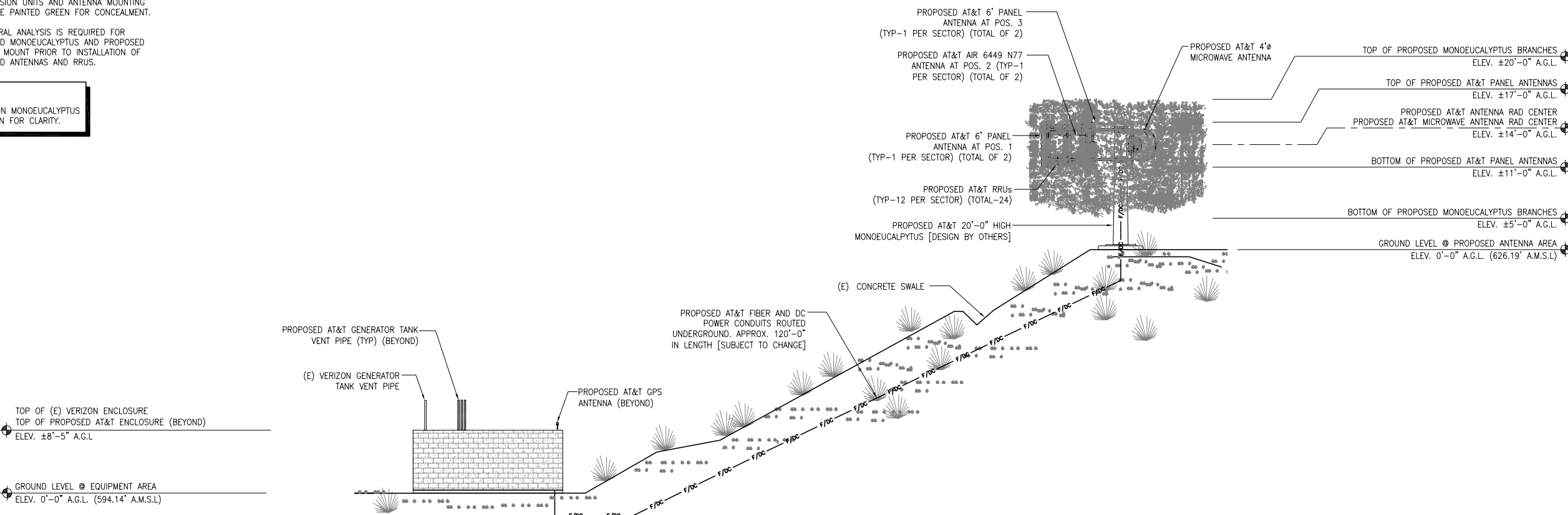
NOTE:
(E) VERIZON MONOEUCALPYTUS NOT SHOWN FOR CLARITY.

PROPOSED NORTHEAST ELEVATION

24"x36" SCALE: 1/8" = 1'-0"
11"x17" SCALE: 1/16" = 1'-0"
8' 6' 4' 2' 0' 8' 1

- NOTES:**
- PROPOSED AT&T ANTENNAS, RRUs, SURGE SUPPRESSION UNITS AND ANTENNA MOUNTING KIT TO BE PAINTED GREEN FOR CONCEALMENT.
 - STRUCTURAL ANALYSIS IS REQUIRED FOR PROPOSED MONOEUCALPYTUS AND PROPOSED ANTENNA MOUNT PRIOR TO INSTALLATION OF PROPOSED ANTENNAS AND RRUs.

NOTE:
(E) VERIZON MONOEUCALPYTUS NOT SHOWN FOR CLARITY.



PROPOSED SOUTHWEST ELEVATION

24"x36" SCALE: 1/8" = 1'-0"
11"x17" SCALE: 1/16" = 1'-0"
8' 6' 4' 2' 0' 8' 2



REV	DATE	DESCRIPTION
1	03/30/2023	SMARTLINK COMMENTS
0	07/07/2021	100% ZD SET
A	05/19/2021	90% ZD's FOR REVIEW

ISSUED DATE: 03/30/2023

ISSUED FOR: 100% ZD SET

LICENSURE:

PROJECT INFORMATION:
CLL01419
AVENIDA CA
4159 COSTERO RISCO
SAN CLEMENTE, CA 92673

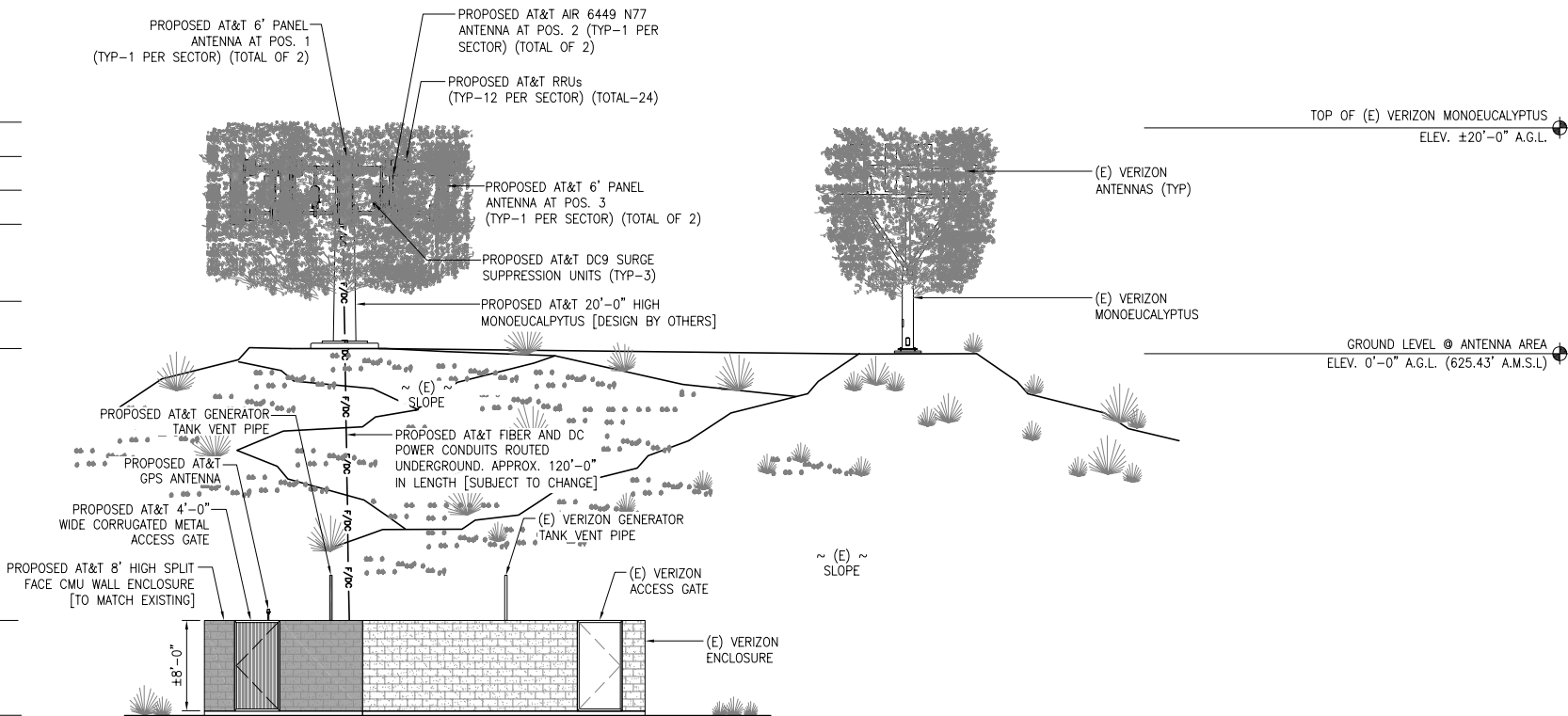
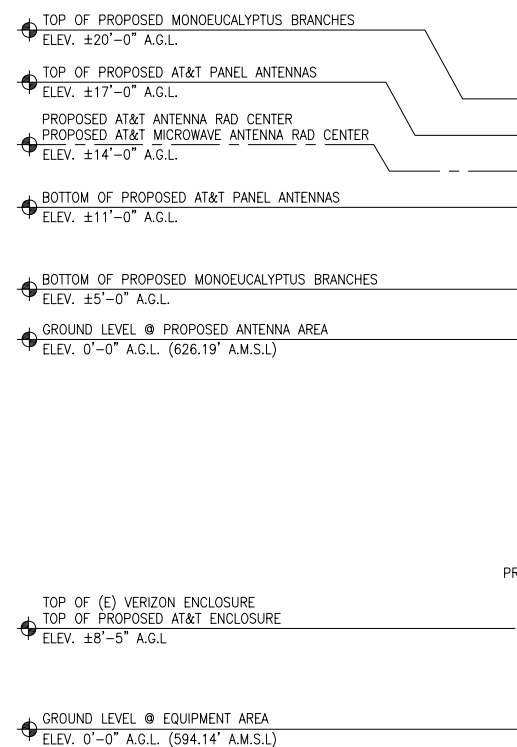
DRAWN BY: JDC
CHECKED BY: SVF

SHEET TITLE: ELEVATIONS

SHEET NUMBER: A-3

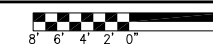
NOTES:

1. PROPOSED AT&T ANTENNAS, RRUS, SURGE SUPPRESSION UNITS AND ANTENNA MOUNTING KIT TO BE PAINTED GREEN FOR CONCEALMENT.
2. STRUCTURAL ANALYSIS IS REQUIRED FOR PROPOSED MONOEUCLYPTUS AND PROPOSED ANTENNA MOUNT PRIOR TO INSTALLATION OF PROPOSED ANTENNAS AND RRUS.



PROPOSED NORTHWEST ELEVATION

24"x36" SCALE: 1/8" = 1'-0"
11"x17" SCALE: 1/16" = 1'-0"



1



REV	DATE	DESCRIPTION
1	03/30/2023	SMARTLINK COMMENTS
0	07/07/2021	100% ZD SET
A	05/19/2021	90% ZD's FOR REVIEW

ISSUED DATE: **03/30/2023**

ISSUED FOR: **100% ZD SET**

LICENSURE:

PROJECT INFORMATION:
CLL01419
AVENIDA CA
4159 COSTERO RISCO
SAN CLEMENTE, CA 92673

DRAWN BY: JDC
 CHECKED BY: SVF

SHEET TITLE: **ELEVATIONS**

SHEET NUMBER: **A-4**

NOT USED

2

ATTACHMENT 3







CLL01419 - AVENICA CA
FA NUMBER: 13023946
4159 COSTERO RISCO,
SAN CLEMENTE, CA 92673



VIEW OF PROPOSED AT&T IMPROVEMENTS:
Looking East to site from 4157 Costero Risco

EXISTING



PROPOSED



Accuracy of photo simulation is based upon information provided by project applicant. The proposed installation is an artistic representation of an antenna monument and it is not intended to be an exact reproduction. The final will have cables, cable ports and various attachments, such as antennas, nuts and bolts. Every effort will be made to disguise these components and they will not be readily apparent to the casual observer or passerby. However, upon close scrutiny, the true nature of the installation will be apparent.



at&t

CLL01419 - AVENICA CA
FA NUMBER: 13023946
4159 COSTERO RISCO,
SAN CLEMENTE, CA 92673

VIEW 2



VIEW OF PROPOSED AT&T IMPROVEMENTS:
Looking East to site from 4160 Costero Risco

EXISTING



PROPOSED



Accuracy of photo simulation is based upon information provided by project applicant. The proposed installation is an artistic representation of an antenna monument and it is not intended to be an exact reproduction. The final will have cables, cable ports and various attachments, such as antennas, nuts and bolts. Every effort will be made to disguise these components and they will not be readily apparent to the casual observer or passerby. However, upon close scrutiny, the true nature of the installation will be apparent.



at&t

CLL01419 - AVENICA CA
FA NUMBER: 13023946
4159 COSTERO RISCO,
SAN CLEMENTE, CA 92673

VIEW 3



VIEW OF PROPOSED AT&T IMPROVEMENTS:
Looking Northeast to site from 4162 Costero Risco

EXISTING



PROPOSED



Accuracy of photo simulation is based upon information provided by project applicant. The proposed installation is an artistic representation of an antenna monument and it is not intended to be an exact reproduction. The final will have cables, cable ports and various attachments, such as antennas, nuts and bolts. Every effort will be made to disguise these components and they will not be readily apparent to the casual observer or passerby. However, upon close scrutiny, the true nature of the installation will be apparent.



CLL01419 - AVENICA CA
FA NUMBER: 13023946
4159 COSTERO RISCO,
SAN CLEMENTE, CA 92673



VIEW OF PROPOSED AT&T IMPROVEMENTS:
Looking Northeast to site from 4006 Costera Vista

EXISTING



PROPOSED



NEW AT&T MONOEUCALYPTUS

Accuracy of photo simulation is based upon information provided by project applicant. The proposed installation is an artistic representation of an antenna monument and it is not intended to be an exact reproduction. The final will have cables, cable ports and various attachments, such as antennas, nuts and bolts. Every effort will be made to disguise these components and they will not be readily apparent to the casual observer or passerby. However, upon close scrutiny, the true nature of the installation will be apparent.

All coaxial cables should be concealed within the pole structure and should access the structure through the base (caisson). Raised ice bridge or cable trays are unacceptable.

<p>Monopalm (Wireless facility disguised as a palm tree)</p>
<p>The monopalm structure should be designed for two carriers (if possible). Typically, collocating a second wireless carrier requires monopalm designs where one set of antennas are mounted within the palm fronds and the second set of antennas are mounted within the pineapple (growth pod).</p>
<p>The height of a monopalm structure should be reasonably comparable to the heights of existing or proposed natural palm trees in the vicinity of the installation.</p>
<p>The monopalm structure should have a sufficient number of palm fronds to simulate a natural tree.</p>
<p>The antennas should be hidden in the growth pod and or the trunk of the monopalm.</p>
<p>There should be a minimum space of five feet between the top of the antennas and the top of the faux tree.</p>
<p>Branch foliage color should be an olive green with varying color “fronds” to match an actual palm type of tree. A sample should be submitted for approval prior to fabrication.</p>
<p>A sample of bark cladding with a custom color should be submitted for approval prior to fabrication.</p>
<p>All coaxial cables should be concealed within the “trunk” and should access the structure through the base. Raised ice bridge or cable trays are unacceptable.</p>

<p>Monobroadleaf (wireless facility disguised as a broadleaf tree)</p>
<p>The monobroadleaf structure should be designed for a minimum of two carriers.</p>
<p>The height of the mono-broadleaf structure should be comparable to the height of existing or proposed natural broadleaf vegetation within the vicinity of the installation.</p>
<p>The mono-broadleaf structure should have a sufficient branch count to conceal the presence of antennas.</p>

Branch disbursement should be random so that longer branches and shorter branches are intermingled to give a natural appearance.
Branches should exceed all antennas by a minimum of 12 inches. Branches should start at 15 feet above the ground.
There should be a minimum space of five feet between the top of the antenna and the top of the faux tree.
Branch foliage color should be an olive green with varying color "leaves" to match an actual broadleaf type of tree. The foliage should be extruded in the color instead of painted. A sample should be submitted for approval prior to fabrication.
A sample of bark cladding with a custom color should be submitted for approval prior to fabrication.
All antennas should be covered with "leafed antenna socks" that match the approved foliage color.
Antennas are to be mounted using stand-off mounts (horizontal, frame-type mounts are unacceptable). Support pipe mounts shall be concealed behind antennas and painted a darker shade or green (or black) with a "flat" paint finish to reduce reflection and visibility of the mounting.
All coaxial cables should be concealed within the "trunk" and should access the structure through the base. Raised ice bridge or cable trays are unacceptable.

Lollipops (single antenna mounted on a single pole usually in a set of three or four antennas)
Lollipop type antenna installations should only be approved in instances where other types of "stealth" installations would be more intrusive by attracting more attention.
Lollipops should be installed below ridgelines to the best possible extent to reduce the profile of the antennas appearing above the top of a slope.
Cross braces between individual antenna poles add additional bulk to the installation and should be discouraged.
Antennas and their support poles should be painted with appropriate colors to match the surrounding environment.