WGS\_1984\_Web\_Mercator\_Auxiliary\_Sphere

© Latitude Geographics Group Ltd.

#### County San Mateo, CA

current, or otherwise reliable.

THIS MAP IS NOT TO BE USED FOR NAVIGATION





CCL02174 SITE NUMBER:

ALTA VISTA TANK #2 SITE NAME: SITE TYPE: MONOPOLE - CWIC

ADDRESS: NORTH OF 775 ALTA VISTA ROAD

MONTARA, CA 94037



APPLICANT / LESSEE:

ALYSSA FERRIS, AT&T

SAN RAMON, CA 94583

PHONE: (530) 966-2612

DAN RICO

QUALTEK WIRELESS

RF ENGINEER:

ENGINEER:

PHONE: (925) 532-2245

SYED AHSAN MASHHOOD

EMAIL: MS0587@att.com

J5 INFRASTRUCTURE PARTNERS

contact: JOSE CARLOS FAZ, S.E.

PHONE: (404) 956-1068

23 MAUCHLY, SUITE 110

IRVINE, CA 92618

JURISDICTION:

email: jfaz@j5ip.com

ph: (949) 247-7767 ext 160

PROJECT TEAM CODE COMPLIANCE **VICINITY MAP** SHEET INDEX TITLE SHEET ALL WORK AND MATERIALS SHALL BE PERFORMED AND INSTALLED IN ACCORDANCE WITH THE CURRENT TOPOGRAPHIC SURVEY EDITIONS OF THE FOLLOWING CODES AS ADOPTED BY THE LOCAL GOVERNING AUTHORITIES. NOTHING IN THESE PLANS IS TO BE CONSTRUED TO PERMIT WORK NOT CONFORMING TO THESE CODES. LS-2 TOPOGRAPHIC SURVEY 5001 EXECUTIVE PARKWAY, 4W550I **EROSION CONTROL PLAN** 1) 2019 CALIFORNIA ADMINISTRATIVE CODE, CHAPTER 10, PART 1 OVERALL SITE PLANS EMAIL: AB724B@ATT.COM TITLE 24 CODE OF REGULATIONS ENLARGED SITE PLAN 2) 2019 CALIFORNIA BUILDING CODE (CBC) EQUIPMENT LAYOUT PLAN 3) 2019 CALIFORNIA RESIDENTIAL CODE (CRC) WITH APPENDIX H, PROJECT MANAGER: CONSTRUCTION MANAGER: ANTENNA PLAN & RF SCHEDULE PATIO COVERS, BASED ON THE 2018 IRC (PART 2.5) J5 INFRASTRUCTURE PARTNERS **ELEVATIONS** 4) 2019 CALIFORNIA GREEN BUILDINGS STANDARDS CODE CONTACT: MISAKO HILL Riviera St EMAIL: mhill@j5ip.com (CALGREEN) (PART 11) (AFFECTED ENERGY PROVISIONS ONLY) PHONE: (415) 533-2540 EMAIL: drico@qualtekwireless.com

6) 2019 CALIFORNIA MECHANICAL CODE (CMC), BASED ON THE 2018 UMC (PART 4)

7) 2019 CALIFORNIA PLUMBING CODE (CPC), BASED ON THE 2018 UPC (PART 5) 8) 2019 CALIFORNIA ELECTRICAL CODE (CEC) WITH CALIFORNIA AMENDMENTS, BASED ON THE 2017 NEC (PART 3)

5) 2019 CALIFORNIA FIRE CODE (CFC), BASED ON THE 2018 IFC,

9) 2019 CALIFORNIA ENERGY CODE (CEC)- PART 6

5001 EXECUTIVE PKWY, SAN RAMON, CA 94583

WITH CALIFORNIA AMENDMENTS (PART 9)

10) ANSI / EIA-TIA-222-H

3701A0V0MG PLANNING 07/20/22 COMMENTS 04/15/21 FOR SUBMITTAL 100%ZDs 01/28/21 11/13/20 90% ZDs REV DATE DESCRIPTION

# SITE INFORMATION

**A&E MANAGER:** 

IRVINE, CA 92618

SITE ACQUISITION:

REBECCA CARBONE

PHONE: (916) 335-8507

J5 INFRASTRUCTURE PARTNERS

contact: STEVEN M. RAMON

23 MAUCHLY, SUITE 110

email: sramon@j5ip.com

ph: (949) 247-7767 ext 158

J5 INFRASTRUCTURE PARTNERS

EMAIL: RCARBONE@j5ip.com

PROPERTY OWNER: CLEMENS HELDMAIER, GENERAL MANAGER MONTARA WATER & SANITARY DISTRICT 8888 CABRILLO HWY, MONTARA, CA 94037

> CLEMENS@MWSD.NET (650) 728-3545

CITY OF SAN MATEO COUNTY

A.P.N.: 036-180-030 CURRENT ZONING: IL - COMMERCIAL EXISTING USE: MISCELLANEOUS PROPOSED USE: MULTIUSE, COMMS FACILITY LATITUDE (NAD 83): 37° 32′ 56.13″ (37.5489250) LONGITUDE (NAD 83): 122° 29′ 51.95″ (-122.4977640)

ACCESSIBILITY REQUIREMENTS: FACILITY IS UNMANNED AND NOT FOR HUMAN HABITATION. ACCESSIBILITY IS NOT REQUIRED PER

CBC2016, SECTION 11B-203.4 (LIMITED ACCESS SPACE)

POWER AGENCY:

PG&E

TELEPHONE AGENCY:

RFDS VERSION: 1.00 AT&T DATE UPDATED: 10/26/20

# GENERAL CONTRACTOR NOTES

Cedar Lane

DO NOT SCALE DRAWINGS

tial Care Home

THESE PLANS ARE FORMATTED TO BE FULL SIZE AT 24" X 36". CONTRACTORS SHALL VERIFY ALL PLANS AND EXISTING DIMENSIONS AND CONDITIONS ON THE JOB SITE AND SHALL IMMEDIATELY NOTIFY THE ARCHITECT/ENGINEER IN WRITING OF ANY DISCREPANCIES BEFORE PROCEEDING WITH THE WORK OR MATERIAL ORDERS OR BE RESPONSIBLE FOR THE 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.

#### STATEMENTS

STRUCTURAL ANALYSIS IS NOT WITHIN THE SCOPE OF WORK CONTAINED IN THIS DRAWINGS SET. FOR ANALYSIS OF EXISTING AND/OR PROPOSED COMPONENTS, REFER TO STRUCTURAL ANALYSIS PROVIDED UNDER SEPARATE COVER.

ANTENNA MOUNT ANALYSIS IS NOT WITHIN THE SCOPE OF WORK CONTAINED IN THIS DRAWING SET. FOR ANALYSIS OF MOUNT TO SUPPORT EXISTING AND/OR PROPOSED COMPONENTS, REFER TO ANTENNA MOUNT STRUCTURAL ANALYSIS PROVIDED UNDER SEPARATE COVER.

- GET ON I-680 N FROM EXECUTIVE PKWY, CAMINO RAMON AND CROW CANYON RD 2. HEAD SOUTHWEST, TURN RIGHT, TURN LEFT TOWARD EXECUTIVE PKWY, TURN RIGHT TOWARD
- **EXECUTIVE PKWY** 3. TURN RIGHT ONTO EXECUTIVE PKWY, TURN LEFT ONTO CAMINO RAMON
- 4. USE THE LEFT 2 LANES TO TURN LEFT ONTO CROW CANYON RD.
- 5. PASS BY U.S. BANK BRANCH (ON THE RIGHT) USE THE RIGHT 2 LANES TO MERGE ONTO I-680 N VIA THE RAMP TO SACRAMENTO

DRIVING DIRECTIONS

- CONTINUE ON I-680 N. TAKE I-780 W TO CA-37 W IN VALLEJO. TAKE EXIT 33 FROM I-80 E
- MERGE ONTO I-680 N, KEEP LEFT AT THE FORK TO STAY ON I-680 N(TOLL ROAD)
- KEEP LEFT AT THE FORK TO CONTINUE ON I-680(TOLL ROAD)
- 9. KEEP RIGHT AT THE FORK TO STAY ON I-680(TOLL ROAD)
- 10. USE THE LEFT 2 LANES TO TAKE EXIT 58A FOR INTERSTATE 780 TOWARD BENICIA/VALLEJO 11. CONTINUE ONTO I-780 W, TAKE EXIT 1B TOWARD SACRAMENTO, MERGE ONTO I-80 E
- 12. TAKE EXIT 33 FOR CA-37 TOWARD NAPA
- 13. GET ON US-101 N IN NOVATO, CONTINUE ONTO CA-37 W
- 14. USE THE RIGHT LANE TO MERGE ONTO US-101 N VIA THE RAMP TO SANTA ROSA/EUREKA
- 15. FOLLOW US-101 N TO TODD RD IN SONOMA COUNTY. TAKE EXIT 485 FROM US-101 N
- 16. CONTINUE ONTO TODD RD, TURN RIGHT ONTO TODD RD OVERPASS
- 17. TURN RIGHT ONTO S MOORLAND AVE, TURN LEFT ONTO TODD RD, TURN RIGHT ONTO STANDISH AVE
- 18. CONTINUE ONTO DUTTON AVE, DESTINATION WILL BE ON THE LEFT
- \*\*2965 DUTTON AVE. SANTA ROSA, CA 95407

# INSTALLATION OF A NEW SITE BUILD, UNMANNED TELECOMMUNICATIONS

FACILITY, CONSISTING OF THE FOLLOWING:

PROJECT DESCRIPTION

#### **ANTENNA SOW:**

- INSTALLATION OF 75'-0" HIGH MONOPINE
- INSTALLATION OF (3) AT&T SECTORS INSTALLATION OF (9) AT&T PANEL ANTENNAS
- INSTALLATION OF (12) AT&T REMOTE RADIO HEADS (RRH's)
- INSTALLATION OF (3) DC-9 SURGE SUPPRESSORS
- INSTALLATION OF (1) GPS ANTENNA

- INSTALLATION OF (1) AT&T PREFABRICATED SHELTER (C-WIC)
- INSTALLATION OF (1) VERTIV 7100 DCPP W/ (8) BATTERIES
- INSTALLATION OF (2) HYBRID EQUIPMENT RACK
- INSTALL (3) FMB'S (1) PER FIBER TRUNK

INSTALLATION OF (9) DC TRUNKS

- INSTALLATION OF (3) FIBER TRUNKS
- INSTALLATION OF FIBER CABLES FROM EQUIPMENT AREA TO
- PROPOSED ANTENNAS
- INSTALLATION OF 20'x20' PRECAST CONCRETE FOUNDATION
- INSTALLATION OF (1) 200A AC POWER PANEL
- INSTALLATION OF (1) 200A METER
- INSTALLATION OF (1) GEN PLUG
- INSTALLATION OF (1) CIENA AND HOFFMAN BOX INSTALLATION OF 20'x20' CHAIN LINK FENCE ENCLOSURE
- INSTALLATION OF 30KW GENERATOR

AT&1 1452 EDINGER AVE. TUSTIN, CALIFORNIA 92780

CCL02174

**"J5** INFRASTRUCTURE

23 MAUCHLY, SUITE 110 IRVINE, CALIFORNIA 92618

**ALTA VISTA TANK #2** 

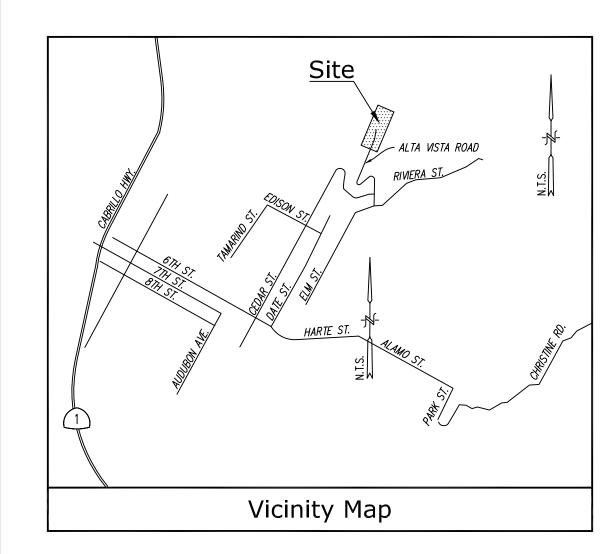
NORTH OF 775 ALTA VISTA ROAD MONTARA, CA 94037

15246743 | PACE#: MRSFR071193

It is a violation of law for any persons, unless they are acting under the direction of a licensed professional engineer to alter this document

| - |

TITLE SHEET



#### Title Report

THIS SURVEY WAS COMPLETED WITHOUT THE BENEFIT OF A TITLE REPORT.

PREPARED BY: ORDER BY: DATED:

#### Legal Description

TO BE DETERMINED

Assessor's Parcel No.

...

#### Easements

NOT AVAILABLE

### Lease Area/Utilit Routes

AS SHOWN

#### Geographic Coordinates at Proposed Monopine

1983 DATUM: LATITUDE 37° 32' 56.74" N LONGITUDE 122° 29' 52.05" W ELEVATION = 505.5 FEET ABOVE MEAN SEA LEVEL

CERTIFICATION:

THE LATITUDE AND LONGITUDE SHOWN ABOVE ARE ACCURATE TO WITHIN +/- 15 FEET HORIZONTALLY AND THAT THE ELEVATIONS SHOWN ABOVE ARE ACCURATE TO WITHIN +/- 3 FEET VERTICALLY. THE HORIZONTAL DATUM (GEOGRAPHIC COORDINATES) IS IN TERMS OF THE NORTH AMERICAN DATUM OF 1983 (NAD 83) AND IS EXPRESSED IN DEGREES ('), MINUTES (') AND SECONDS ("), TO THE NEAREST HUNDREDTH OF A SECOND. THE VERTICAL DATUM (ELEVATIONS) IS IN TERMS OF THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88) AND IS DETERMINED TO THE NEAREST TENTH OF A FOOT.

### Basis of Bearings

THE BEARINGS SHOWN HEREON ARE BASED UPON THE CALIFORNIA COORDINATE SYSTEM OF 1983, CCS83, ZONE 3, (2017.50) IN ACCORDANCE TO THE CALIFORNIA PUBLIC RESOURCES CODE SECTIONS 8801-8819; SAID BEARINGS ARE DETERMINED LOCALLY UPON FIELD-OBSERVED TIES TO THE FOLLOWING CALIFORNIA SPATIAL REFERENCE NETWORK CONTINUOUS OPERATING REFERENCE STATIONS (C.O.R.S.):

C.S.R.C. OXM1

NORTHING = 2010032.36' EASTING = 6003477.29'

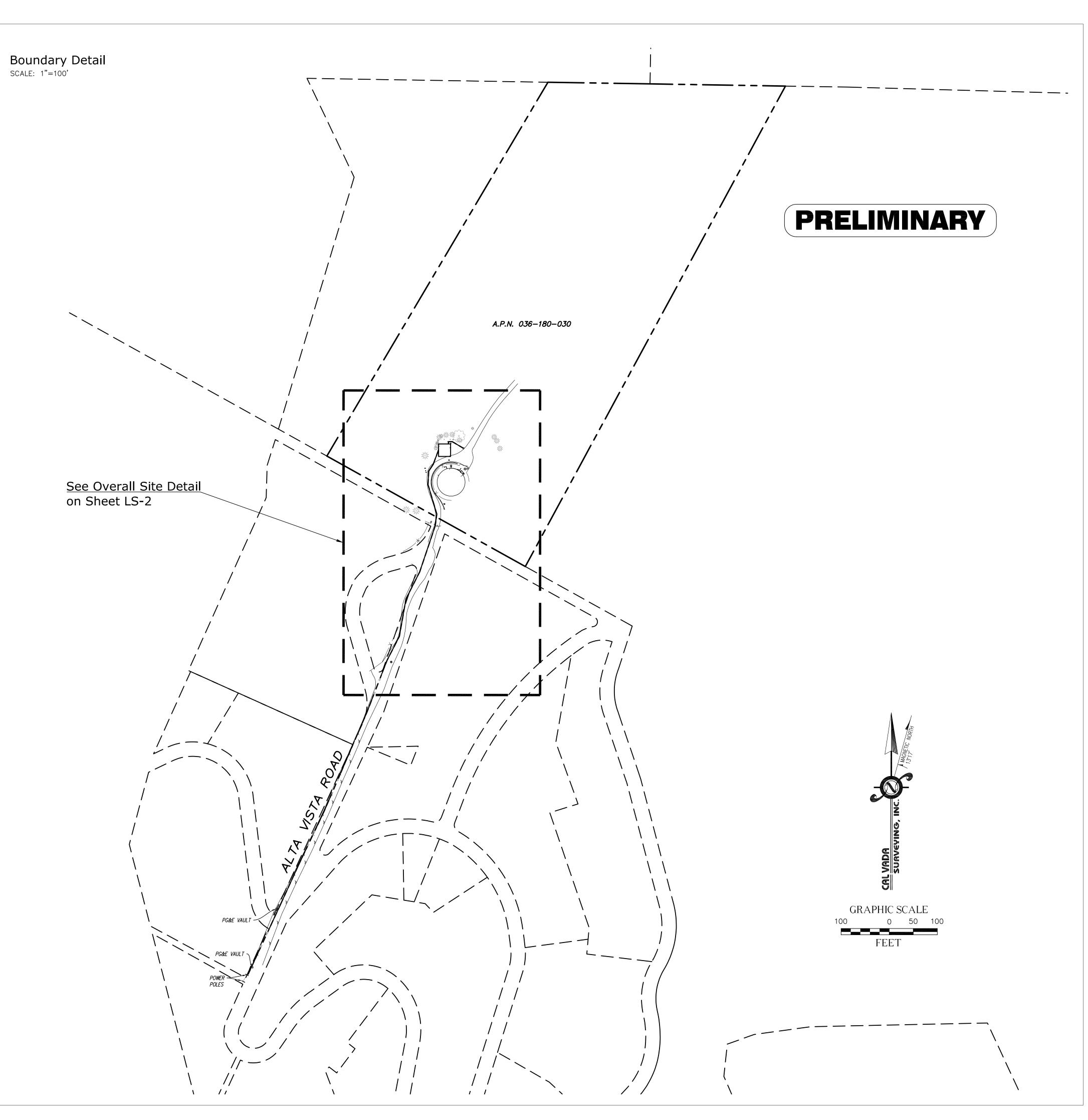
NORTHING = 2064266.94 EASTING = 6086754.38'

#### Bench Mark

THE SMARTNET NORTH AMERICA C.O.R.S. "OXMT", ELEVATION = 794.99 FEET (NAVD 88)

#### Date of Survey

OCTOBER 21, 2020





A&E DEVELOPMENT:



CONSULTANT:

# CAL VADA

# SURVEYING, INC.

411 Jenks Cir., Suite 205, Corona, CA 92880 Phone: 951—280—9960 Fax: 951—280—9746 Toll Free: 800—CALVADA www.calvada.com

JOB NO. 20976

LICENSURE:

REVISION:

	REVISION:	DATE: / BY:	DESCRIPTION:
		11/04/20	SUBMITTAL
		VF	GODINITTAL
	1	12/11/20	UPDATED DESIGN
		GBM	01 57 (125 520)011

SITE INFORMATION:

### CCL02174

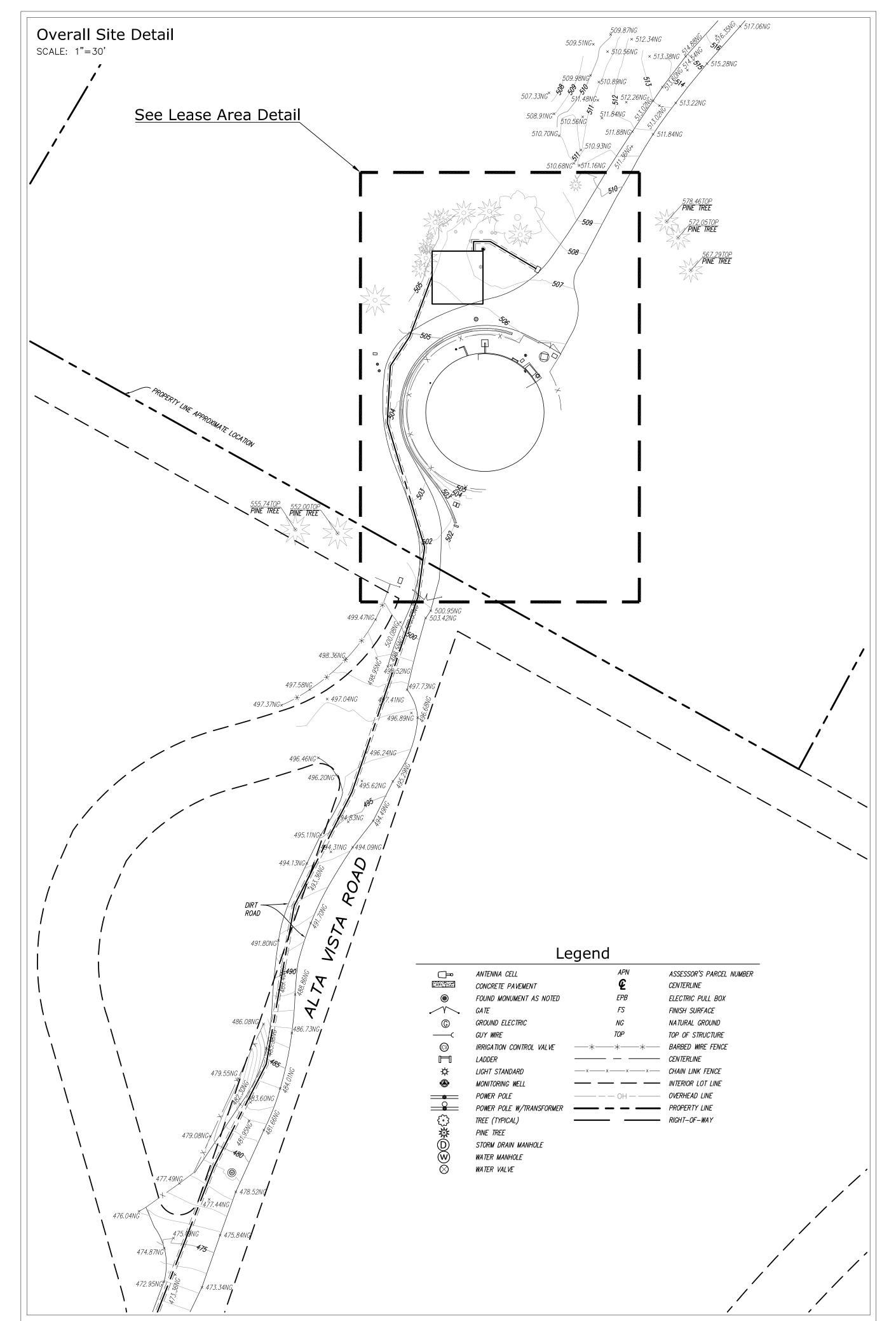
NORTH OF 775 ALTA VISTA ROAD MONTARA, CA 94037 SAN MATEO COUNTY

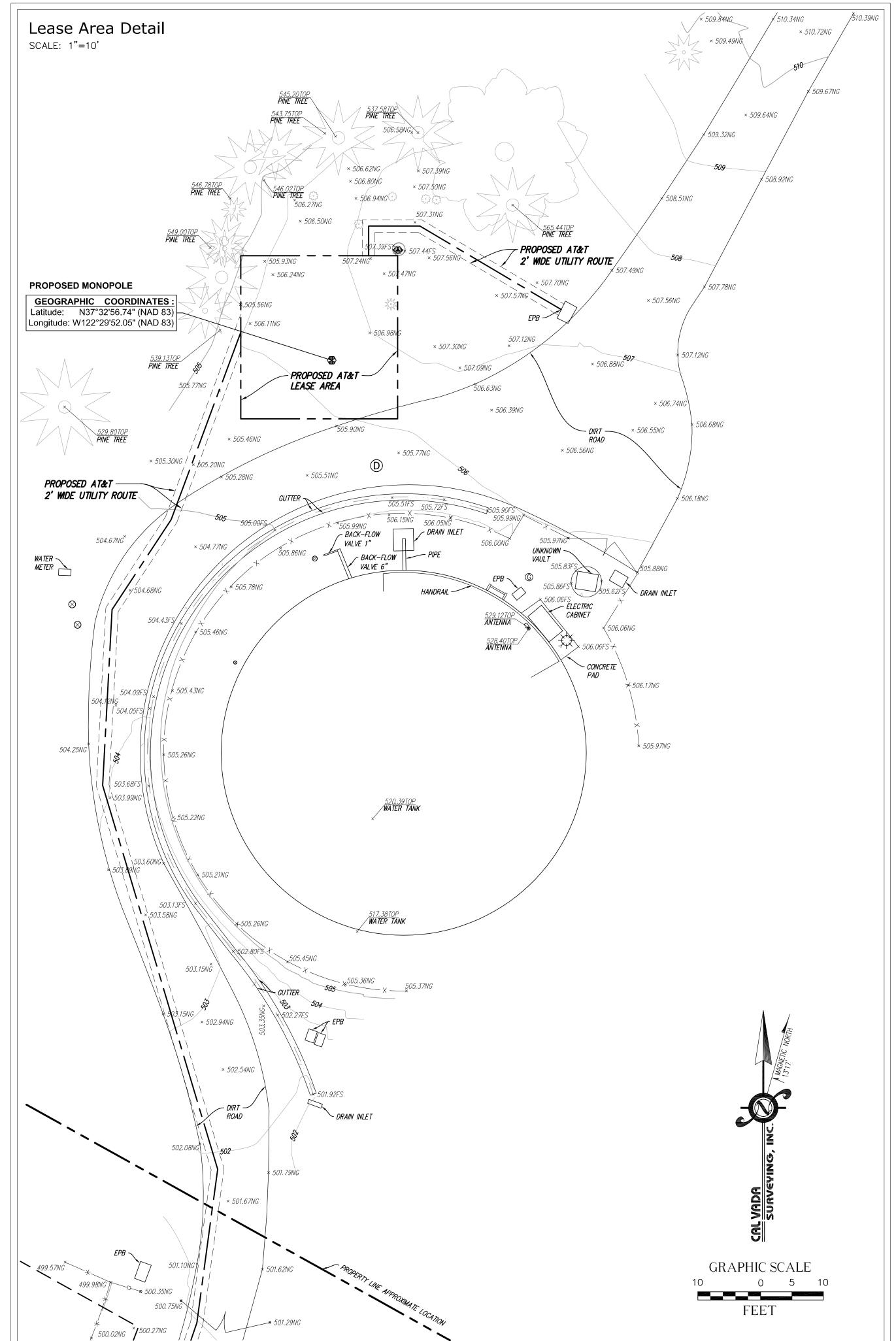
SHEET TITLE:

# TOPOGRAPHIC SURVEY

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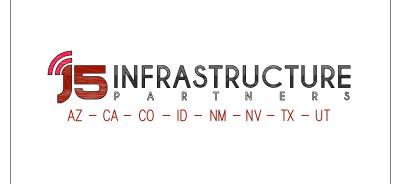








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	REVISION:	DATE: / BY:	DESCRIPTION:
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	1	12/11/20	UPDATED DESIGN
		GBM	OF DATED DESIGN

SITE INFORMATION:

### CCL02174

NORTH OF 775 ALTA VISTA ROAD MONTARA, CA 94037 SAN MATEO COUNTY

SHEET TITLE:

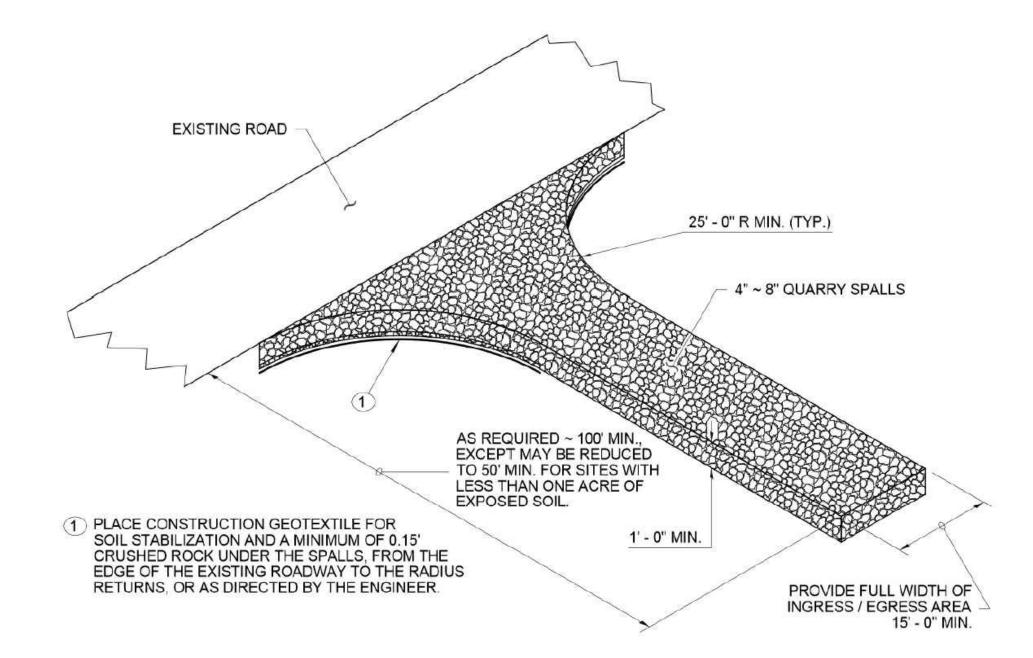
# TOPOGRAPHIC SURVEY

SHEET NUMBER:



# EROSION CONTROL PLAN

NORTH OF 775 ALTA VISTA ROAD MONTARA, CA 94037 CCL02174



DETAIL C105

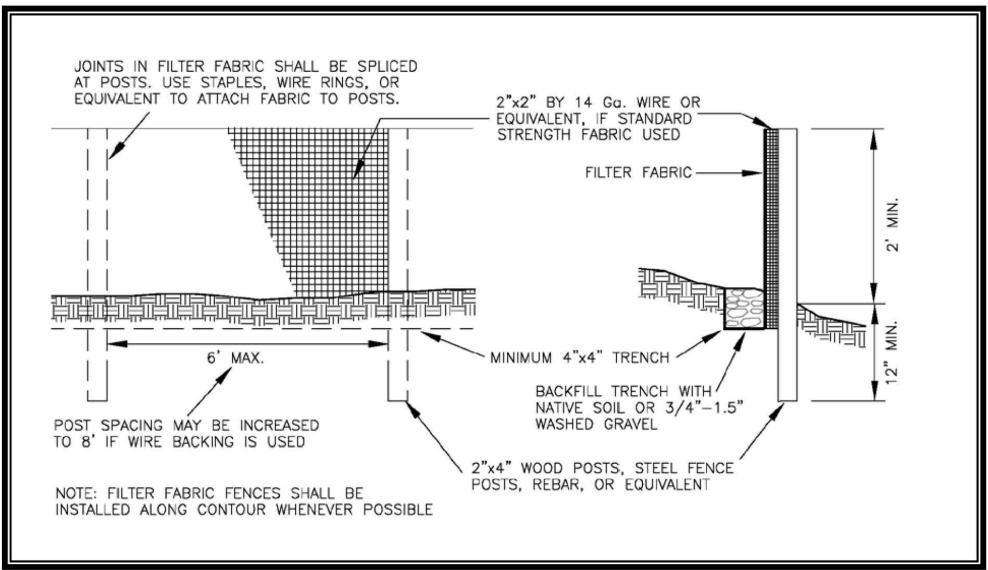
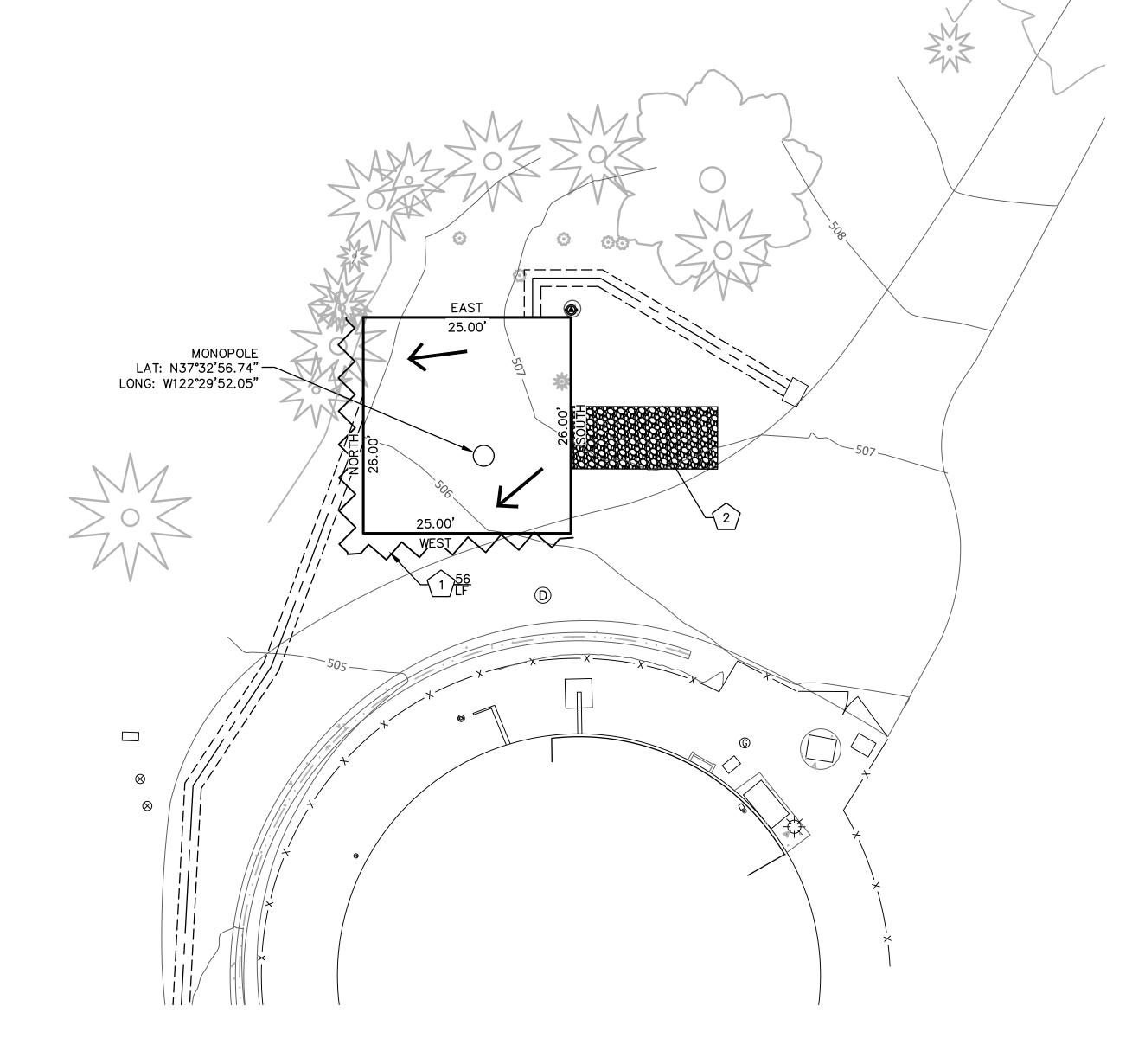
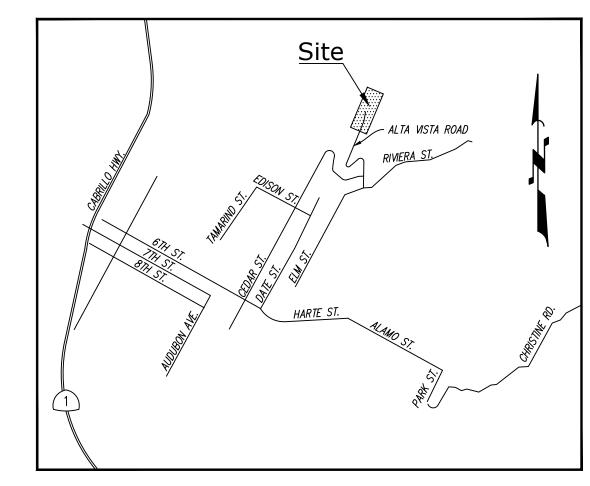


Figure 3.21 Silt Fence

DETAIL C233

SCALE: 1"=10'



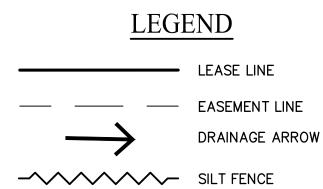


VICINITY MAP

#### **EROSION CONTROL POINT OF CONTACT:**

ALAN MONEY, P.E.
PRESIDENT AMMTEC CONSULTANTS, LLC
2447 W 12TH St, STE #1
TEMPE, AZ 85281
PHONE: (480) 927-9696
EMAIL: AMMTEC@AMMTEC.COM

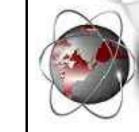
EROSION CONTROL NOTES	
1 TEMPORARY SILT FENCE PER BMP C233 & DETAIL THIS SHEET.	56 LF
2 STABILIZED CONSTRUCTION ENTRANCE PER BMP C105 & DETAIL THIS	1 EA
SHEET.	





-CONTROL AND PREVENT THE DISCHARGE OF ALL POTENTIAL POLLUTANTS, INCLUDING PAVEMENT CUTTING WASTES, PAINTS, CONCRETE, PETROLEUM PRODUCTS, CHEMICALS, WASH WATER OR SEDIMENTS, AND NON-STORMWATER DISCHARGES TO STORM DRAINS AND WATERCOURSES.

-USE SEDIMENT CONTROLS OR FILTRATION TO REMOVE SEDIMENT WHEN DEWATERING SITE AND OBTAIN REGIONAL WATER QUALITY CONTROL BOARD (RWQCB) PERMIT(S) AS NECESSARY.



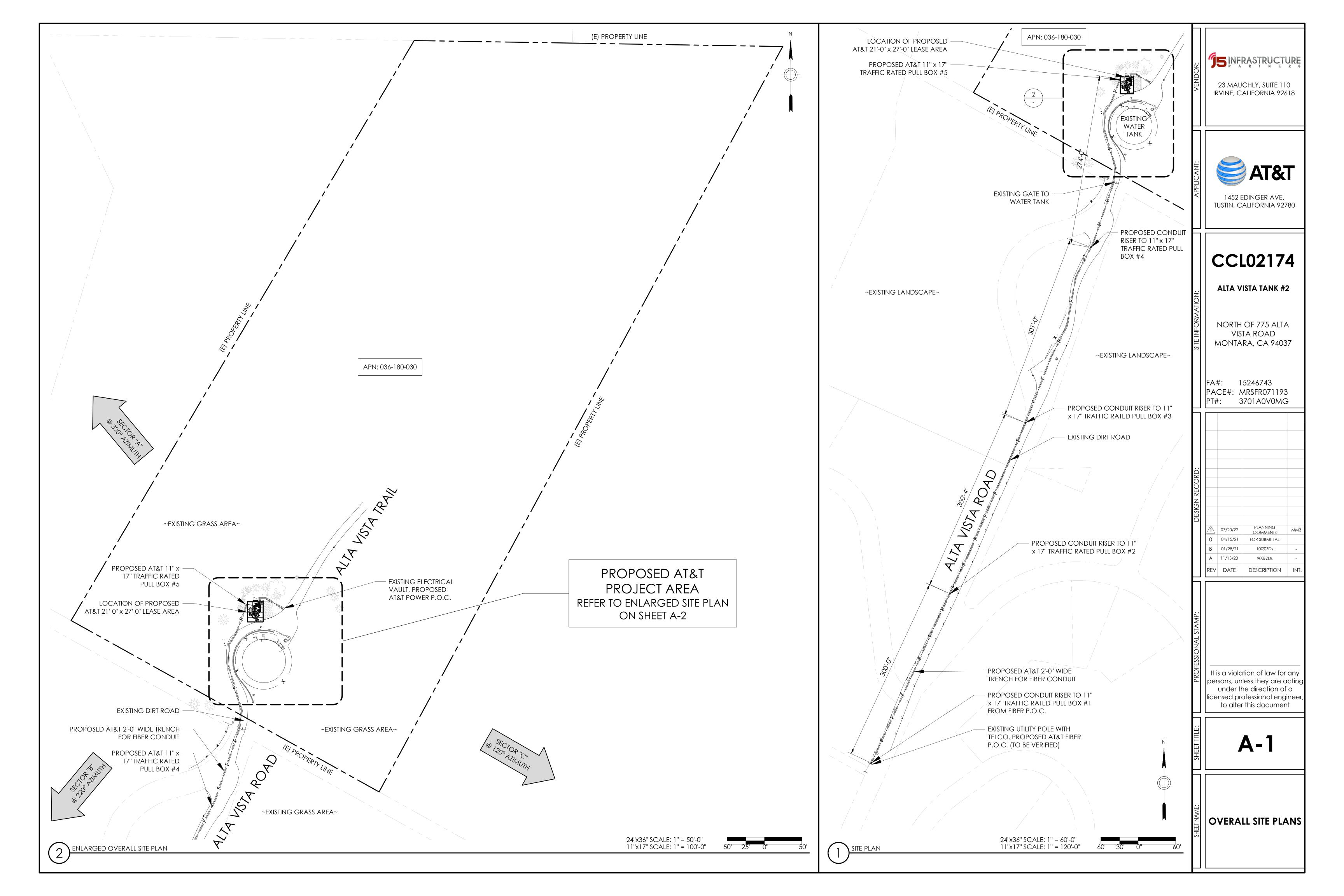


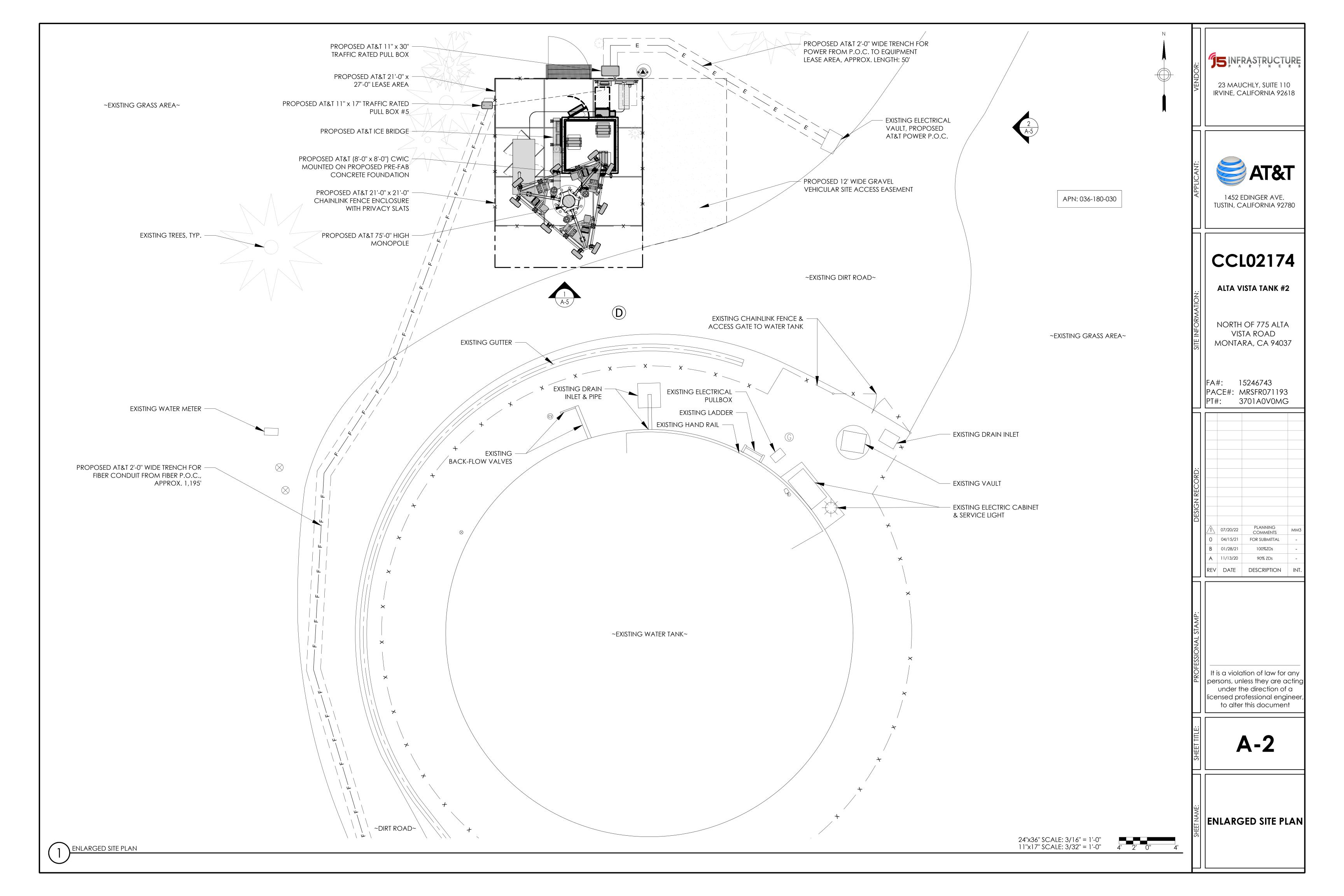
EROSIO

DESIGN PCW DRAWN PCW CHK'D PCW

22063EP01.DWG

SHEET NO.





CE/	CT∩D	RRH TYPE	RRH	RRH LOCATION		MINIMUM CLEARANCES			
SECTOR		PROPOSED	(DISTANCE FROM ANTENNA)		ABOVE	BELOW	SIDES		
ALPHA	POS.1	4449 B5 B12	UP	±10'-0"	16"	12"	8''		
	POS.1	8843 B2 B66A	UP	±10'-0"	16"	12"	8"		
	POS.2	4478 B14	UP	±10'-0"	16"	12"	8"		
	POS.3	4415 B30	UP	±10'-0"	16"	12"	8"		
	POS.3								
	POS.1	4449 B5 B12	UP	±10'-0"	16"	12"	8"		
	POS.1	8843 B2 B66A	UP	±10'-0"	16"	12"	8"		
BETA	POS.2	4478 B14	UP	±10'-0"	16"	12"	8"		
В	POS.3	4415 B30	UP	±10'-0"	16"	12"	8"		
	POS.3								
GAMMA	POS.1	4449 B5 B12	UP	±10'-0"	16"	12"	8"		
	POS.1	8843 B2 B66A	UP	±10'-0''	16"	12"	8"		
	POS.2	4478 B14	UP	±10'-0"	16"	12"	8''		
	POS.3	4415 B30	UP	±10'-0"	16"	12"	8''		
	POS.3								

	FINAL ANTENNA AND TRANSMISSION CABLE REQUIREMENTS									
			ANTENNA			transmission lines				
SECTOR		TECHNOLOGY	MFR./MODEL #	SIZE	AZIMUTH	(LENGTH FT. +/-)				
			7411 K:,7141 © DEE 11			FIBER LENGTH	FIBER LENGTH	JUMPER TYPE	TYPE	
~	A1	LTE 700/5G 850/LTE 1900/2100	NNH4-65B-R6H4	6'-0''	320°	72'	30m/100'	1/2"Ø COAX	FIBER	
	A2	LTE FNET	NNH4-65B-R6H4	6'-0''	320°	72'	30m/100'	1/2"Ø COAX	FIBER	
SECTOR "A"	A3	LTE 700/ 2300	NNH4-65B-R6H4	6'-0"	320°	72'	30m/100'	1/2"Ø COAX	FIBER	
S										
04	В1	LTE 700/5G 850/LTE 1900/2100	NNH4-65B-R6H4	6'-0"	220°	72'	30m/100'	1/2"Ø COAX	FIBER	
	B2	LTE FNET	NNH4-65B-R6H4	6'-0"	220°	72'	30m/100'	1/2"Ø COAX	FIBER	
SECTOR "B"	В3	LTE 700/ 2300	NNH4-65B-R6H4	6'-0"	220°	72'	30m/100'	1/2"Ø COAX	FIBER	
S										
04	C1	LTE 700/5G 850/LTE 1900/2100	NNH4-65B-R6H4	6'-0"	120°	72'	30m/100'	1/2"Ø COAX	FIBER	
	C2	LTE FNET	NNH4-65B-R6H4	6'-0"	120°	72'	30m/100'	1/2"Ø COAX	FIBER	
SECTOR "C"	C3	LTE 700/ 2300	NNH4-65B-R6H4	6'-0"	120°	72'	30m/100'	1/2"Ø COAX	FIBER	
S										

#### NOTES TO CONTRACTOR:

- CONTRACTOR IS TO REFER TO AT&T'S MOST CURRENT RADIO
- FREQUENCY DATA SHEET (RFDS) PRIOR TO CONSTRUCTION.
   CABLE LENGTHS WERE DETERMINED BASED ON VISUAL INSPECTION DURING SITE-WALK. CONTRACTOR TO VERIFY ACTUAL LENGTH DURING PRE-CONSTRUCTION WALK.

J5 INFRASTRUCTURE

23 MAUCHLY, SUITE 110 IRVINE, CALIFORNIA 92618



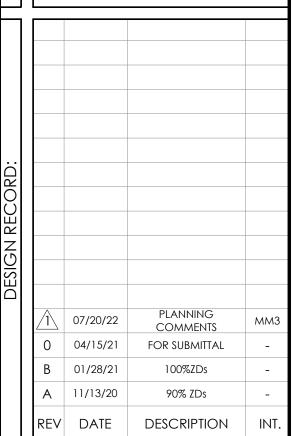
1452 EDINGER AVE. TUSTIN, CALIFORNIA 92780

# CCL02174

ALTA VISTA TANK #2

NORTH OF 775 ALTA VISTA ROAD MONTARA, CA 94037

FA#: 15246743 PACE#: MRSFR071193 PT#: 3701A0V0MG

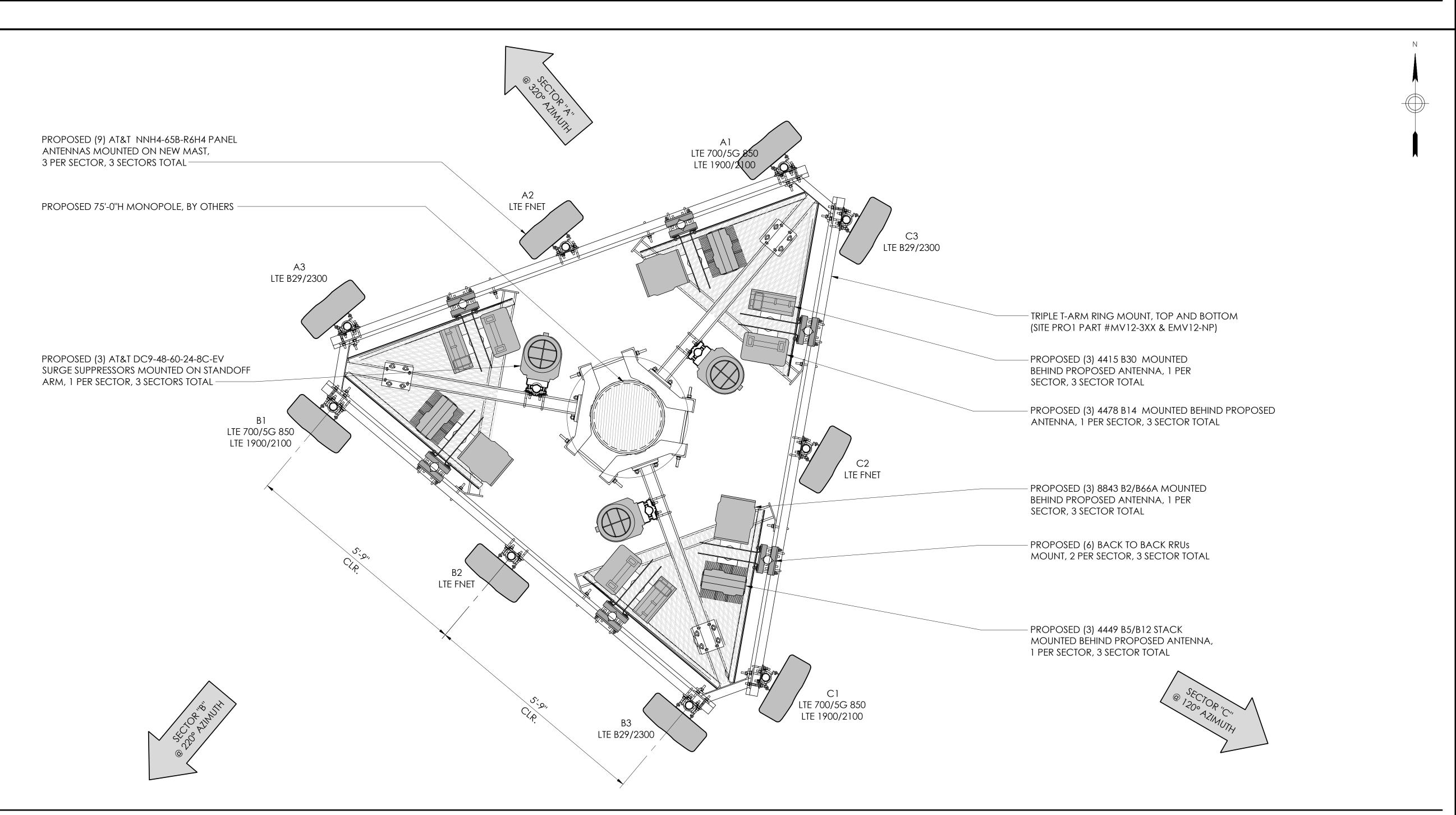


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**A-4** 

ANTENNA PLAN & RF SCHEDULE

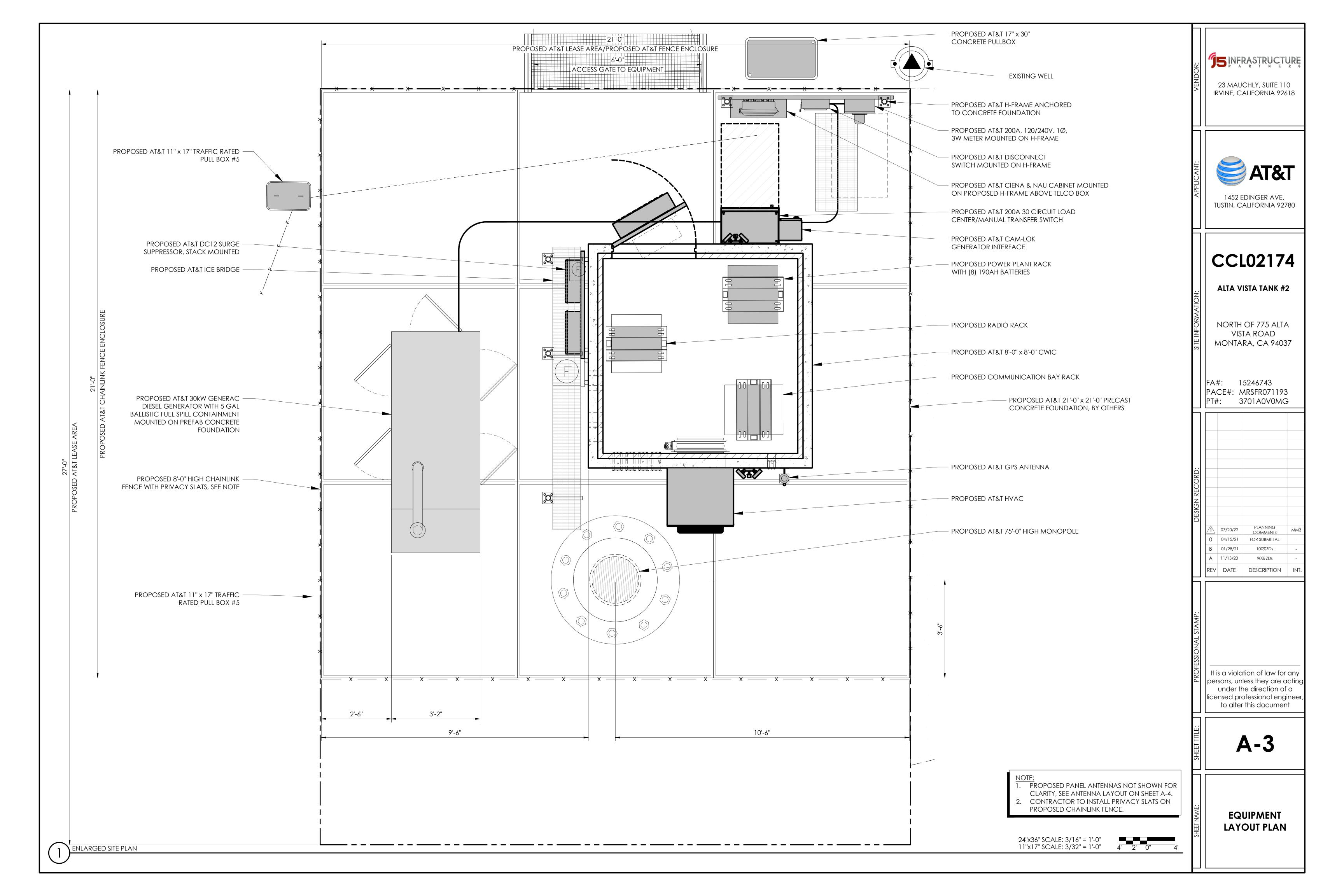
2 RF SCHEDULE

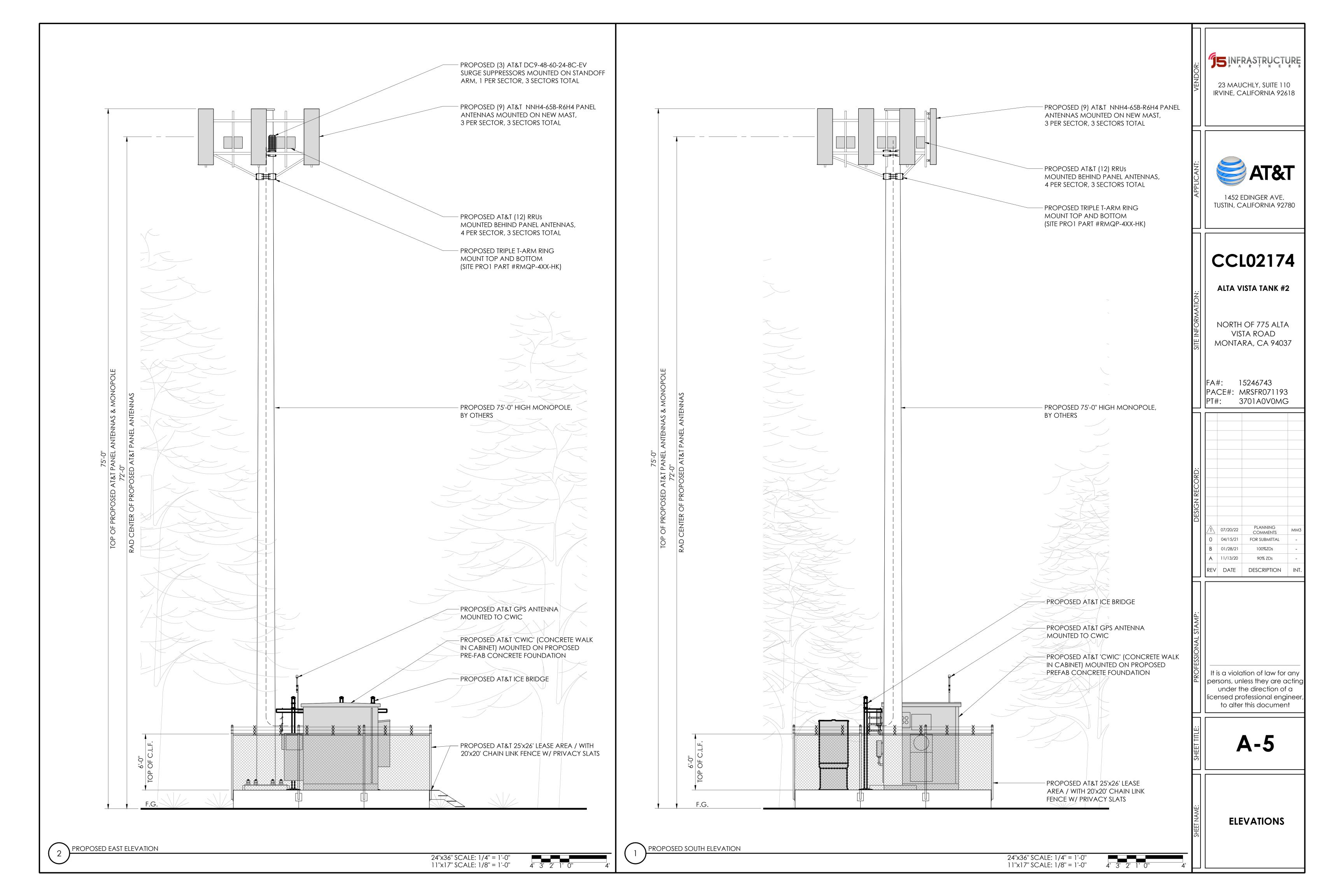


1 PROPOSED ANTENNA PLAN

24"x36" SCALE: 3/4" = 1'-0" 11"x17" SCALE: 3/8" = 1'-0"

E: 3/4" = 1'-0"

















INSTALL (9) AT&T PANEL ANTENNAS ON NEW 75' HIGH MONOPOLE



VIEW 1

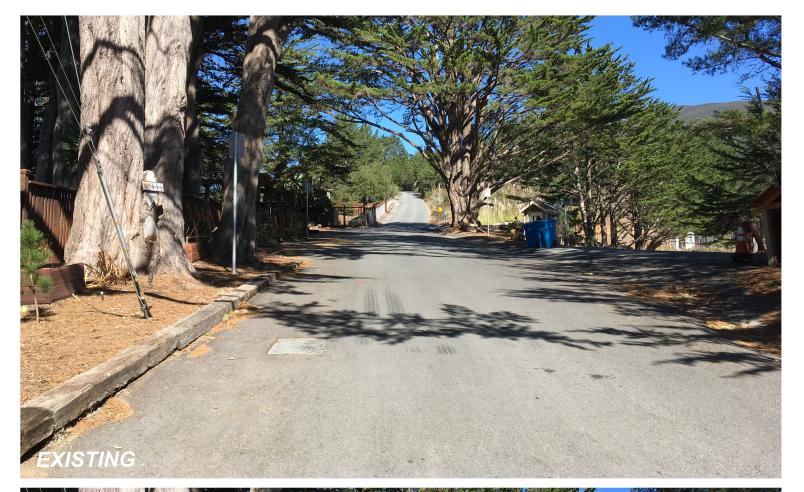






INSTALL (9) AT&T PANEL ANTENNAS ON NEW 75' HIGH MONOPOLE









INSTALL (9) AT&T PANEL ANTENNAS ON NEW 75' HIGH MONOPOLE



