



SITE NUMBER: CCL06438
SITE NAME: SOUTH SANTA ROSA
SITE TYPE: MONOPINE / SHELTER
ADDRESS: 440 HEARN AVENUE
SANTA ROSA, CA 95407

FA #: 14537224
PACE #: MRSFR048909
PT #: 3705A0GBD4
USID: 225498

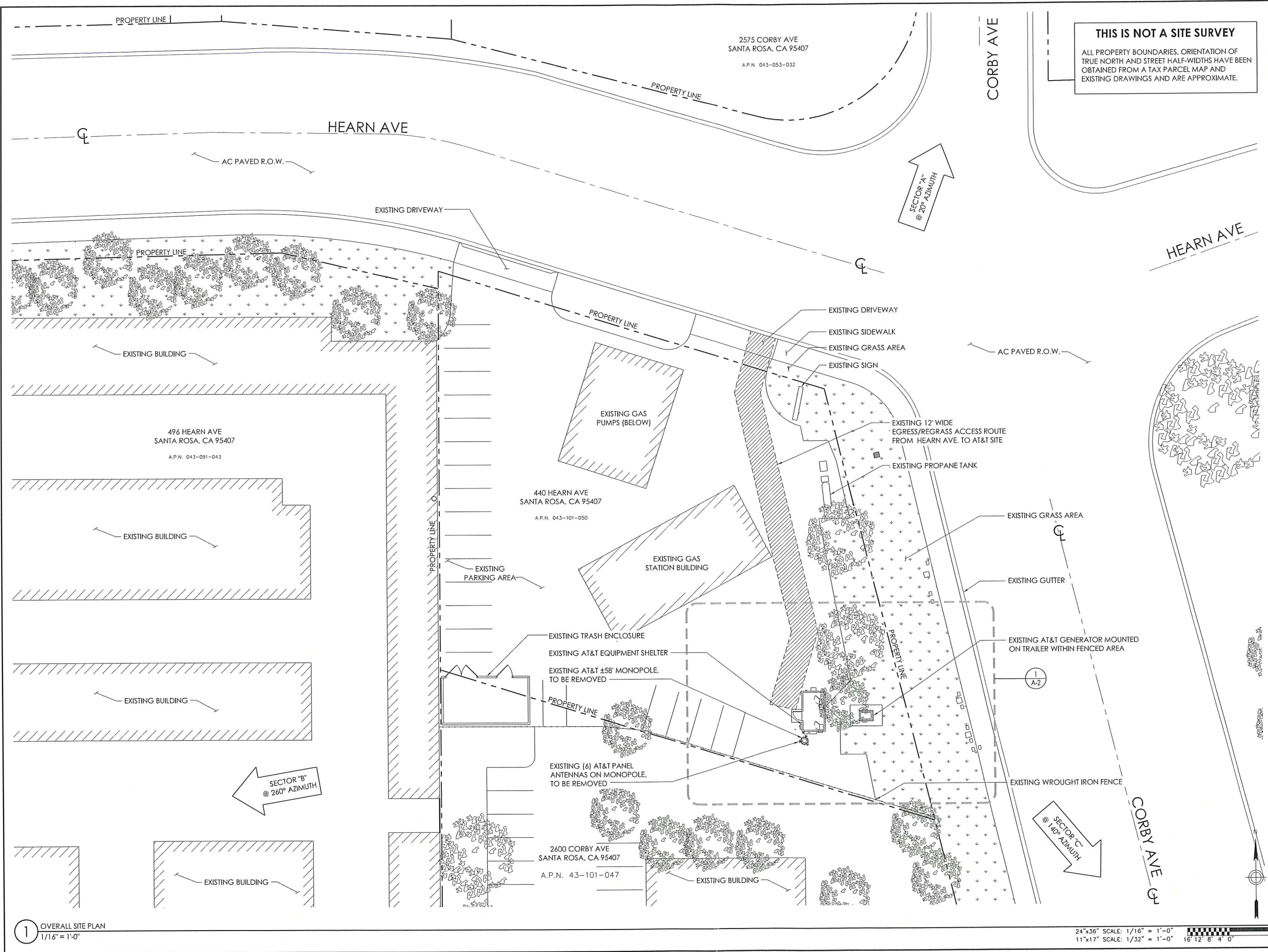


CCL06438
SOUTH SANTA ROSA

440 HEARN AVE.
SANTA ROSA, CA 95407

FA #: 14537224
PACE #: MRSFR048909
PT #: 3705A0GBD4
USID #: 225498

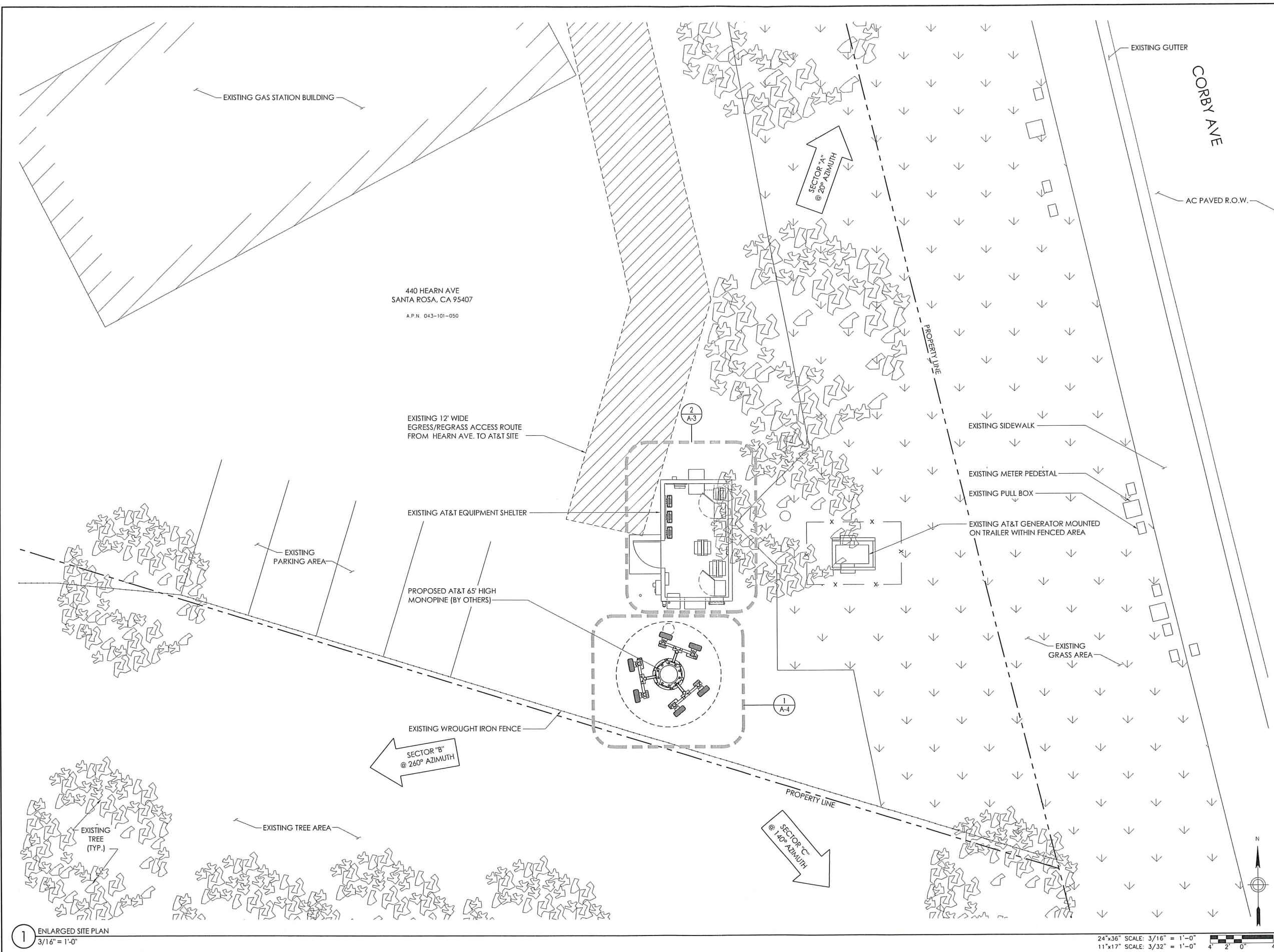
PROJECT TEAM		VICINITY MAP		CODE COMPLIANCE		SHEET INDEX		REV.																						
<p>APPLICANT / LESSEE:</p> <p>ALYSSA FERRIS AT&T MOBILITY, LLC 5001 EXECUTIVE PARKWAY, SAN RAMON, CA 94583 PHONE: (530) 966-2612 E-MAIL: ob724b@att.com</p> <p>CONSTRUCTION MANAGER:</p> <p>VINCULUMS SERVICES CONTACT: STEVE KNAPPE E-MAIL: SKnappe@Vinculums.com PHONE: (916) 502-5988</p> <p>RF ENGINEER:</p> <p>CONTACT: MICHAEL BALBUENA E-MAIL: mb6647@att.com PHONE: (510) 918-9805</p> <p>ARCHITECT / ENGINEER:</p> <p>ALL STATES ENGINEERING CONTACT: DEAN WALKER E-MAIL: dean@zaltali.com PHONE: (949) 273-0996 EX 103</p> <p>PROJECT MANAGER:</p> <p>J5 INFRASTRUCTURE PARTNERS CONTACT: MISAKO HILL E-MAIL: mhill@j5ip.com CELL: (415) 533-2540</p> <p>SITE ACQUISITION:</p> <p>J5 INFRASTRUCTURE PARTNERS CONTACT: EVAN J. WYNNIS E-MAIL: ewynnis@j5ip.com PHONE: (415) 518-1232</p>				<p>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 THESE CODES.</p> <p>1) 2016 CALIFORNIA ADMINISTRATIVE CODE, CHAPTER 10, PART 1, TITLE 24 CODE OF REGULATIONS</p> <p>2) 2016 CALIFORNIA BUILDING CODE (CBC)</p> <p>3) 2016 CALIFORNIA RESIDENTIAL CODE (CRC) WITH APPENDIX H, PATIO COVERS, BASED ON THE 2012 IRC (PART 2.5)</p> <p>4) 2016 CALIFORNIA GREEN BUILDINGS STANDARDS CODE (CALGREEN) (PART 11) (AFFECTED ENERGY PROVISIONS ONLY)</p> <p>5) 2016 CALIFORNIA FIRE CODE (CFC), BASED ON THE 2012 IFC, WITH CALIFORNIA AMENDMENTS (PART 9)</p> <p>6) 2016 CALIFORNIA MECHANICAL CODE (CMC), BASED ON THE 2012 UMC (PART 4)</p> <p>7) 2016 CALIFORNIA PLUMBING CODE (CPC), BASED ON THE 2012 UPC (PART 5)</p> <p>8) 2016 CALIFORNIA ELECTRICAL CODE (CEC) WITH CALIFORNIA AMENDMENTS, BASED ON THE 2011 NEC (PART 3)</p> <p>9) 2016 CALIFORNIA ENERGY CODE (CEC)- PART 6</p> <p>10) ANSI / EIA-TIA-222-G</p> <p>11) 2016 NFPA 101, LIFE SAFETY CODE</p> <p>12) 2016 NFPA 72, NATIONAL FIRE ALARM CODE</p> <p>13) 2016 NFPA 13, FIRE SPRINKLER CODE</p>		<table><tr><td>T-1</td><td>TITLE SHEET</td><td>B</td></tr><tr><td>A-1</td><td>OVERALL SITE PLAN</td><td>B</td></tr><tr><td>A-2</td><td>ENLARGED SITE PLAN</td><td>B</td></tr><tr><td>A-3</td><td>PROPOSED EQUIPMENT PLAN</td><td>B</td></tr><tr><td>A-4</td><td>PROPOSED ANTENNA PLAN, RF SCHEDULES AND DETAILS</td><td>B</td></tr><tr><td>A-5</td><td>ELEVATIONS</td><td>B</td></tr><tr><td>A-6</td><td>ELEVATIONS</td><td>B</td></tr></table>		T-1	TITLE SHEET	B	A-1	OVERALL SITE PLAN	B	A-2	ENLARGED SITE PLAN	B	A-3	PROPOSED EQUIPMENT PLAN	B	A-4	PROPOSED ANTENNA PLAN, RF SCHEDULES AND DETAILS	B	A-5	ELEVATIONS	B	A-6	ELEVATIONS	B		
T-1	TITLE SHEET	B																												
A-1	OVERALL SITE PLAN	B																												
A-2	ENLARGED SITE PLAN	B																												
A-3	PROPOSED EQUIPMENT PLAN	B																												
A-4	PROPOSED ANTENNA PLAN, RF SCHEDULES AND DETAILS	B																												
A-5	ELEVATIONS	B																												
A-6	ELEVATIONS	B																												
SITE INFORMATION		GENERAL CONTRACTOR NOTES		DRIVING DIRECTIONS		PROJECT DESCRIPTION																								
<p>PROPERTY OWNER : MOHAMMED & NAHID GHOLAMI ADDRESS : 440 HEARN AVENUE, SANTA ROSA, CA 95407</p> <p>JURISDICTION: CITY OF SANTA ROSA A.P.N.: 043-101-050 CURRENT ZONING: CG EXISTING USE: TBD PROPOSED USE: TBD</p> <p>LATITUDE (NAD 83): 38.413797 38° 24' 49.6692" N LONGITUDE (NAD 83): -122.717723 122° 43' 3.8028" W</p> <p>OCCUPANCY: U (UNMANNED) CONSTRUCTION TYPE: V-B</p> <p>ACCESSIBILITY REQUIREMENTS: TBD</p> <p>POWER AGENCY: PG&E PH: (800) 743-5000</p> <p>TELEPHONE AGENCY: AT&T CALIFORNIA PH: (800) 310-2355</p> <p>RFDS VERSION: 1.0 DATE UPDATED: 10/11/2018</p>		<p>DO NOT SCALE DRAWINGS</p> <p>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.</p> <p>GENERAL NOTES</p> <p>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.</p> <p>STATEMENTS</p> <p>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.</p> <p>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.</p>		<p>DIRECTIONS FROM AT&T'S OFFICE AT 5001 Executive Pkwy , San Ramon, CA 94583</p> <p>1. Get on I-680 N from Bollinger Canyon Rd</p> <p>2. Head northeast on Bishop Dr toward Sunset Dr</p> <p>3. Turn right onto Sunset Dr</p> <p>4. Use the right 2 lanes to turn right onto Bollinger Canyon Rd</p> <p>5. Use the right 2 lanes to merge onto I-680 N via the ramp to Sacramento</p> <p>6. Take CA-24 W and I-80 W to Fremont St in San Francisco. Take exit 2C from I-80 W</p> <p>7. Merge onto I-680 N</p> <p>8. Use the right 2 lanes to take exit 46A for State Route 24 toward Oakland/Lafayette</p> <p>9. Keep left at the fork to stay on CA-24 W</p> <p>10. Use the right 2 lanes to take exit 2B for Interstate 580 W</p> <p>11. Use the left lane to merge onto I-580 W</p> <p>12. Use the left 2 lanes to take exit 19A to merge onto I-80 W toward San Francisco Partial toll road</p> <p>13. Use the right 2 lanes to take exit 2C to merge onto Fremont St</p> <p>DESTINATION WILL BE ON THE RIGHT</p>		<p>INSTALLATION OF ANTENNAS AND ASSOCIATED EQUIPMENT ON AN EXISTING, UNMANNED TELECOMMUNICATIONS FACILITY, CONSISTING OF THE FOLLOWING:</p> <p>ANTENNA SOW:</p> <ul style="list-style-type: none">REMOVAL OF EXISTING MONOPOLEINSTALLATION OF 65'-0" MONOPOLEINSTALLATION OF (3) AT&T SECTORS W/ (2) RAD CENTERSINSTALLATION OF (12) AT&T PANEL ANTENNASINSTALLATION OF (15) AT&T REMOTE RADIO HEADS (RRH's) <p>EQUIPMENT SOW:</p> <ul style="list-style-type: none">INSTALLATION (2) MOUNTING PLATFORM ON MONOPOLE <p>City of Santa Rosa DEC 05 2019 Planning & Economic Development Department</p>																								
								PROFESSIONAL STAMP:																						
								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																						
								T-1																						



1 OVERALL SITE PLAN
1/16" = 1'-0"

24"x36" SCALE: 1/16" = 1'-0"
11"x17" SCALE: 1/32" = 1'-0"
16 12 8 4 0 16'

APPLICANT:	 5001 EXECUTIVE PARKWAY SAN RAMON, CALIFORNIA 94583									
VENDOR:	 AZ - CA - CO - ID - NM - NV - TX - UT 2030 MAIN STREET, SUITE 200 IRVINE, CALIFORNIA 92614									
VENDOR:	 A ZALALI & ASSOCIATES COMPANY 23675 BIRCHER DRIVE LAKE FOREST, CA 92630 PHONE: (949) 273-0996									
SITE INFORMATION:	CCL06438 SOUTH SANTA ROSA 440 HEARN AVE. SANTA ROSA, CA 95407 FA #: 14537224 PACE #: MRSFR048909 PT #: 3705A0GBD4 USID #: 225498									
DESIGN RECORD:	<table border="1"><thead><tr><th>REV</th><th>DATE</th><th>DESCRIPTION</th></tr></thead><tbody><tr><td>B</td><td>11/09/18</td><td>100%ZDs</td></tr><tr><td>A</td><td>09/12/18</td><td>90%ZDs</td></tr></tbody></table>	REV	DATE	DESCRIPTION	B	11/09/18	100%ZDs	A	09/12/18	90%ZDs
REV	DATE	DESCRIPTION								
B	11/09/18	100%ZDs								
A	09/12/18	90%ZDs								
PROFESSIONAL STAMP:	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									
SHEET NAME:	OVERALL SITE PLAN									
SHEET TITLE:	A-1									



1 ENLARGED SITE PLAN
3/16" = 1'-0"

24"x36" SCALE: 3/16" = 1'-0"
11"x17" SCALE: 3/32" = 1'-0"
4' 2' 0' 4'

APPLICANT:
at&t
mobility corp.
5001 EXECUTIVE PARKWAY
SAN RAMON, CALIFORNIA 94583

VENDOR:
INFRASTRUCTURE
AZ - CA - CO - ID - NM - NV - TX - UT
2030 MAIN STREET, SUITE 200
IRVINE, CALIFORNIA 92614

VENDOR:
ALL STATES
ENGINEERING & SURVEYING
A TALTALI & ASSOCIATES COMPANY
23875 BIRCHER DRIVE
LAKE FOREST, CA 92630
PHONE: (949) 273-0996

SITE INFORMATION:
CCL06438
SOUTH SANTA ROSA
440 HEARN AVE.
SANTA ROSA, CA 95407
FA #: 14537224
PACE #: MRSFR048909
PT #: 3705A0GBD4
USID #: 225498

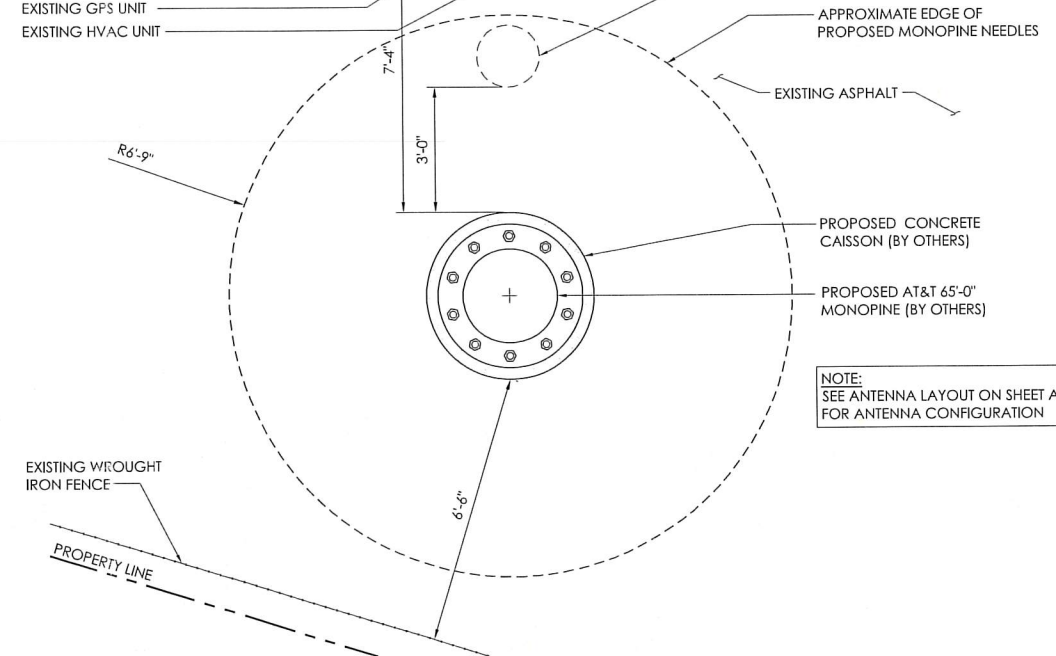
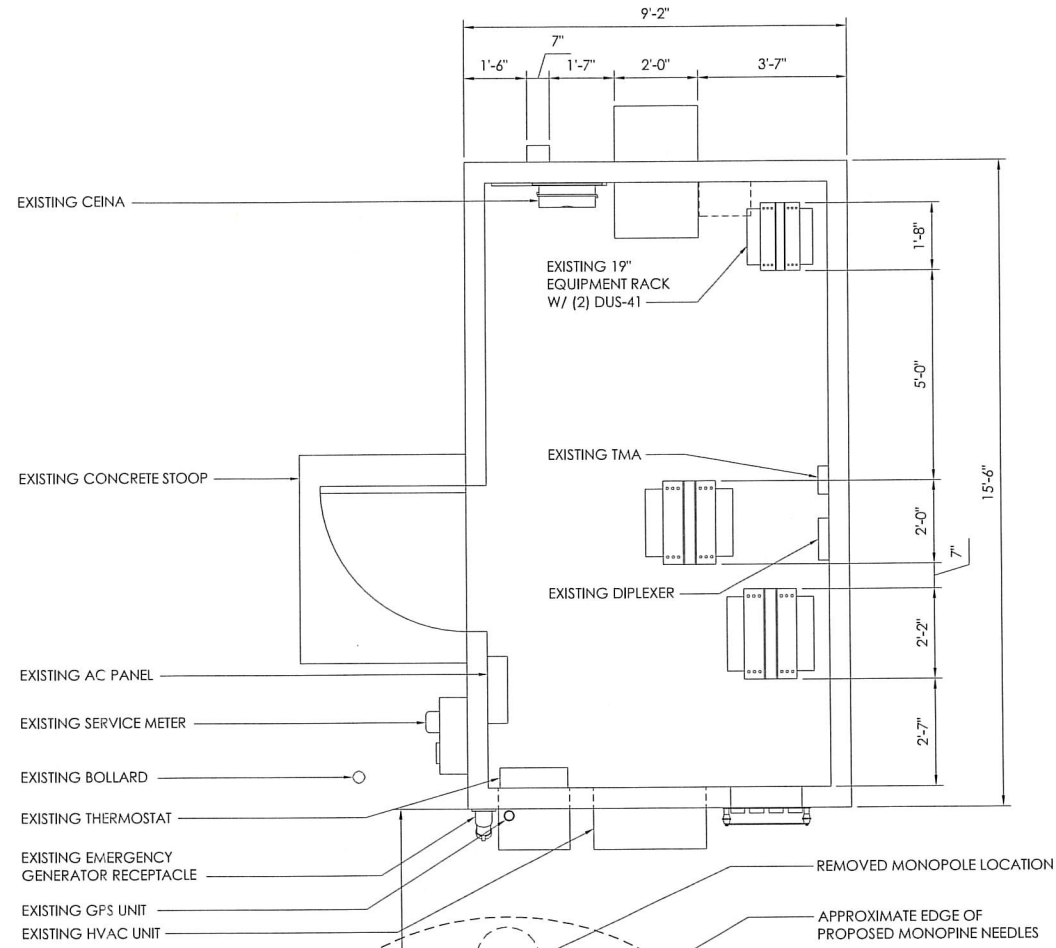
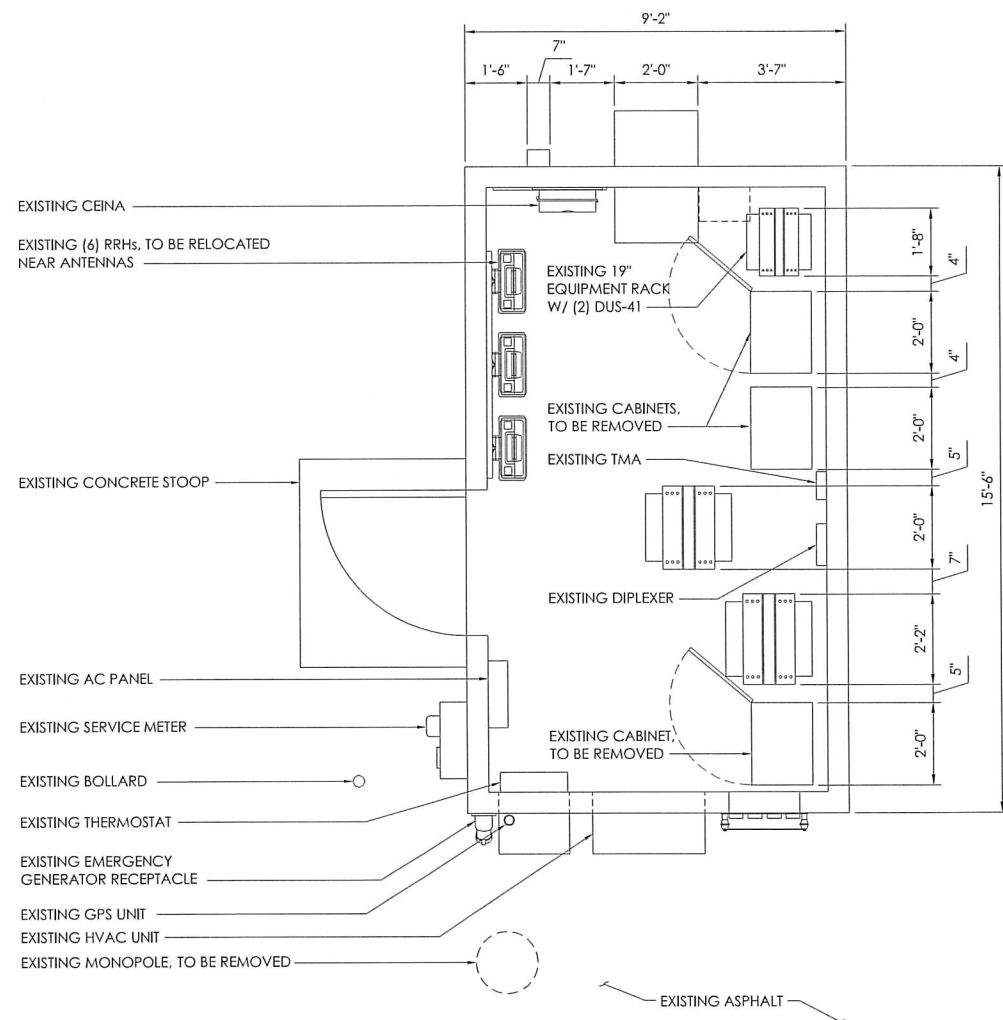
DESIGN RECORD:

REV	DATE	DESCRIPTION
B	11/09/18	100%ZDs
A	09/12/18	90%ZDs

PROFESSIONAL STAMP:
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

SHEET NAME:
ENLARGED SITE PLAN

SHEET TITLE:
A-2






2 EXISTING LAYOUT
1/2" = 1'-0"

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

1 PROPOSED LAYOUT
1/2" = 1'-0"

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

APPLICANT:	 5001 EXECUTIVE PARKWAY SAN RAMON, CALIFORNIA 94583									
VENDOR:	 2030 MAIN STREET, SUITE 200 IRVINE, CALIFORNIA 92614									
VENDOR:	 A ZALALI & ASSOCIATES COMPANY 23875 BIRCHER DRIVE LAKE FOREST, CA 92650 PHONE: (949) 273-0996									
SITE INFORMATION:	CCL06438 SOUTH SANTA ROSA 440 HEARN AVE. SANTA ROSA, CA 95407 FA #: 14537224 PACE #: MRSFR048909 PT #: 3705A0GBD4 USID #: 225498									
DESIGN RECORD:	<table border="1"> <thead> <tr> <th>REV</th> <th>DATE</th> <th>DESCRIPTION</th> </tr> </thead> <tbody> <tr> <td>B</td> <td>11/09/18</td> <td>100%ZDs</td> </tr> <tr> <td>A</td> <td>09/12/18</td> <td>90%ZDs</td> </tr> </tbody> </table>	REV	DATE	DESCRIPTION	B	11/09/18	100%ZDs	A	09/12/18	90%ZDs
REV	DATE	DESCRIPTION								
B	11/09/18	100%ZDs								
A	09/12/18	90%ZDs								
PROFESSIONAL STAMP:	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.									
SHEET NAME:	EQUIPMENT PLAN									
SHEET TITLE:	A-3									

3 NOT USED
N.T.S.

SECTOR		RRH COUNT	RRH LOCATION	MINIMUM CLEARANCES		
		PROPOSED	(DISTANCE FROM ANTENNA)	ABOVE	BELOW	SIDES
ALPHA	A1	2	UP ±10'-0"	16"	12"	8"
	A1		UP ±10'-0"	16"	12"	8"
	A2	1	UP ±10'-0"	16"	12"	8"
	A3	-	-	-	-	-
	A4	2	UP ±10'-0"	16"	12"	8"
A4			UP ±10'-0"	16"	12"	8"
SECTOR		RRH COUNT	RRH LOCATION	MINIMUM CLEARANCES		
		PROPOSED	(DISTANCE FROM ANTENNA)	ABOVE	BELOW	SIDES
BETA	A1	2	UP ±10'-0"	16"	12"	8"
	A1		UP ±10'-0"	16"	12"	8"
	A2	1	UP ±10'-0"	16"	12"	8"
	A3	-	-	-	-	-
	A4	2	UP ±10'-0"	16"	12"	8"
A4			UP ±10'-0"	16"	12"	8"
SECTOR		RRH COUNT	RRH LOCATION	MINIMUM CLEARANCES		
		PROPOSED	(DISTANCE FROM ANTENNA)	ABOVE	BELOW	SIDES
GAMMA	A1	2	UP ±10'-0"	16"	12"	8"
	A1		UP ±10'-0"	16"	12"	8"
	A2	1	UP ±10'-0"	16"	12"	8"
	A3	-	-	-	-	-
	A4	2	UP ±10'-0"	16"	12"	8"
A4			UP ±10'-0"	16"	12"	8"

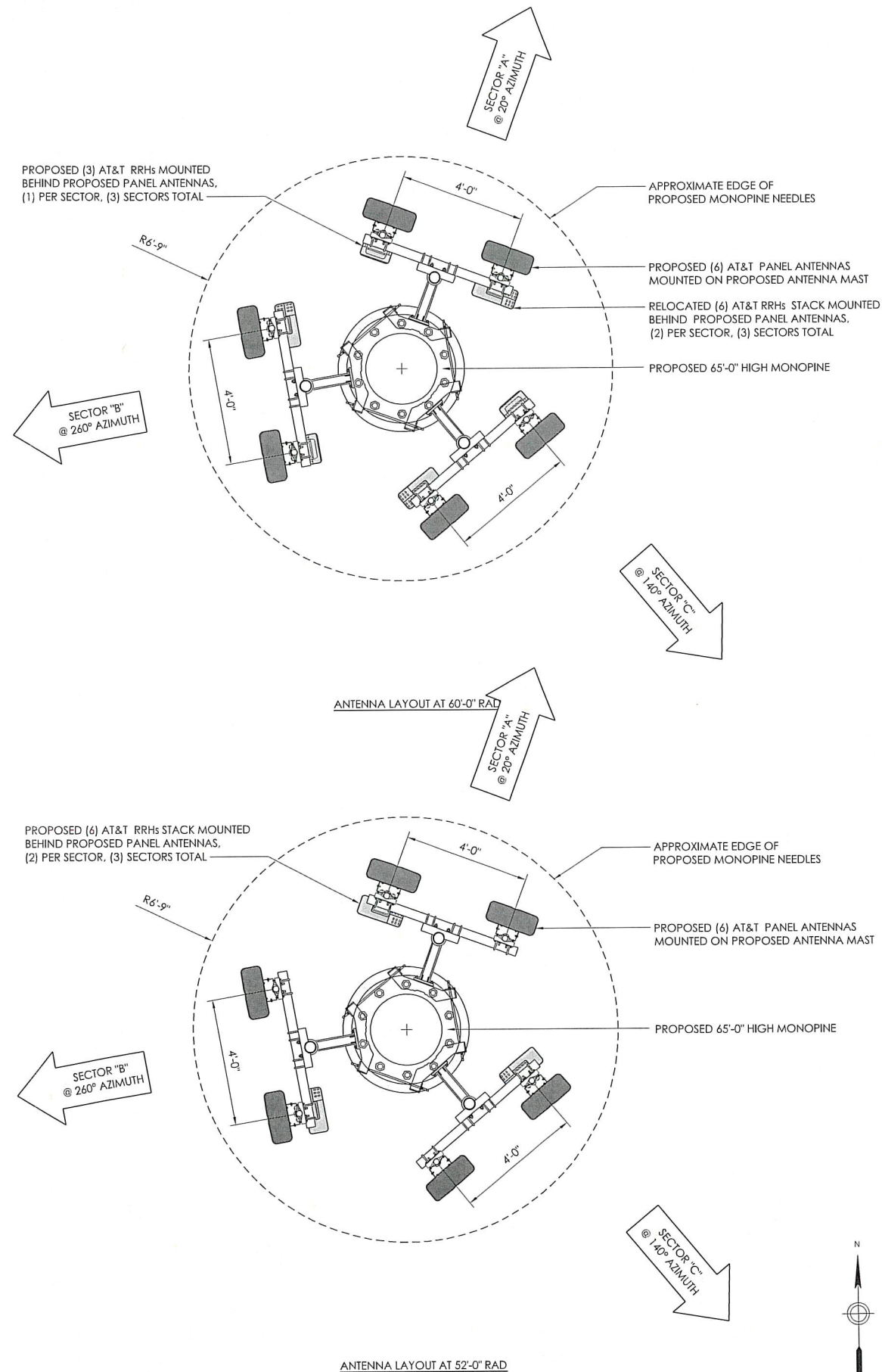
FINAL ANTENNA AND TRANSMISSION CABLE REQUIREMENTS									
SECTOR		TECHNOLOGY	ANTENNA		SIZE	AZIMUTH	TRANSMISSION LINES (LENGTH FT. +/-)		
			MFR./MODEL #				FIBER LENGTH	SIZE	COAX NO.
SECTOR "A"	A1	LTE700/850/1900	COMMSCOPE NNHH-65B-R4		6'	20°	±80'	FIBER	8
	A2	LTE700/1900/AWS	COMMSCOPE NNHH-65B-R4		6'	20°	±80'	FIBER	8
	A3	LTE700/AWS	COMMSCOPE NNHH-65B-R4		6'	20°	±72'	FIBER	8
	A4	LTE700/850/WCS	COMMSCOPE NNHH-65B-R4		6'	20°	±72'	FIBER	8
SECTOR "B"	B1	LTE700/850/1900	COMMSCOPE NNHH-65B-R4		6'	260°	±80'	FIBER	8
	B2	LTE700/1900/AWS	COMMSCOPE NNHH-65B-R4		6'	260°	±80'	FIBER	8
	B3	LTE700/AWS	COMMSCOPE NNHH-65B-R4		6'	260°	±72'	FIBER	8
	B4	LTE700/850/WCS	COMMSCOPE NNHH-65B-R4		6'	260°	±72'	FIBER	8
SECTOR "C"	C1	LTE700/850/1900	COMMSCOPE NNHH-65B-R4		6'	140°	±80'	FIBER	8
	C2	LTE700/1900/AWS	COMMSCOPE NNHH-65B-R4		6'	140°	±80'	FIBER	8
	C3	LTE700/AWS	COMMSCOPE NNHH-65B-R4		6'	140°	±72'	FIBER	8
	C4	LTE700/850/WCS	COMMSCOPE NNHH-65B-R4		6'	140°	±72'	FIBER	8

2 PROPOSED RF SCHEDULE
N.T.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.

1 PROPOSED ANTENNA LAYOUT PLAN
1/2" = 1'-0"



APPLICANT:

at&t
mobility corp.

5001 EXECUTIVE PARKWAY
SAN RAMON, CALIFORNIA 94583

VENDOR:

INFRASTRUCTURE
AZ - CA - CO - ID - NM - NV - TX - UT

2030 MAIN STREET, SUITE 200
IRVINE, CALIFORNIA 92614

VENDOR:

ALL STATES
ENGINEERING & SURVEYING
A TALALI & ASSOCIATES COMPANY

23875 BIRCHER DRIVE
LAKE FOREST, CA 92530
PHONE: (949) 273-0996

SITE INFORMATION:

CCL06438
SOUTH SANTA ROSA

440 HEARN AVE.
SANTA ROSA, CA 95407

FA #: 14537224
PACE #: MRSFR048909
PT #: 3705A0G8D4
USID #: 225498

DESIGN RECORD:

REV	DATE	DESCRIPTION
B	11/09/18	100%ZDs
A	09/12/18	90%ZDs

PROFESSIONAL STAMP:

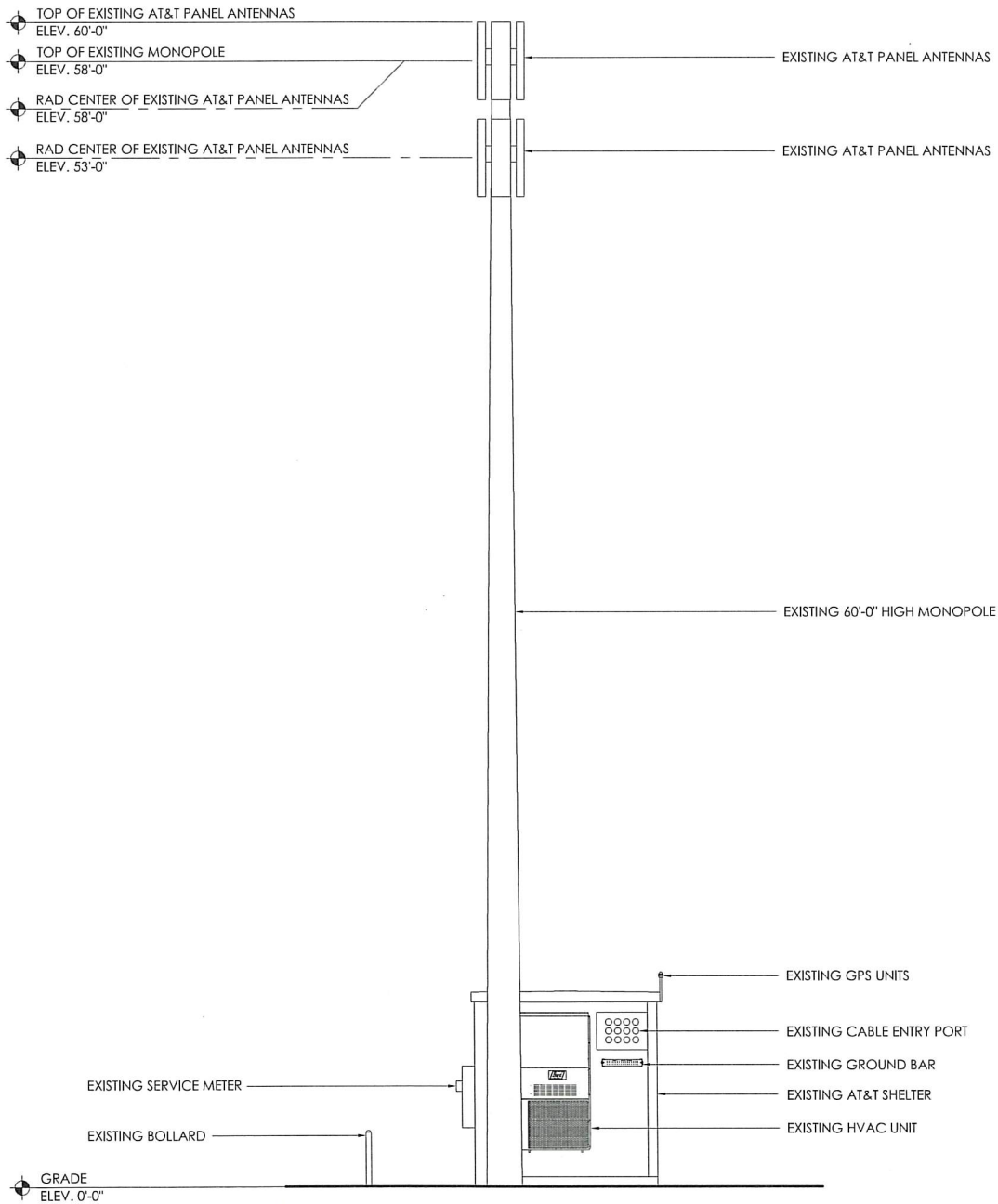
It is a violation of law for any persons, unless they are acting under the direction of a licensed professional engineer, to alter this document

SHEET NAME:

ANTENNA PLAN, RF SCHEDULE, & DETAILS

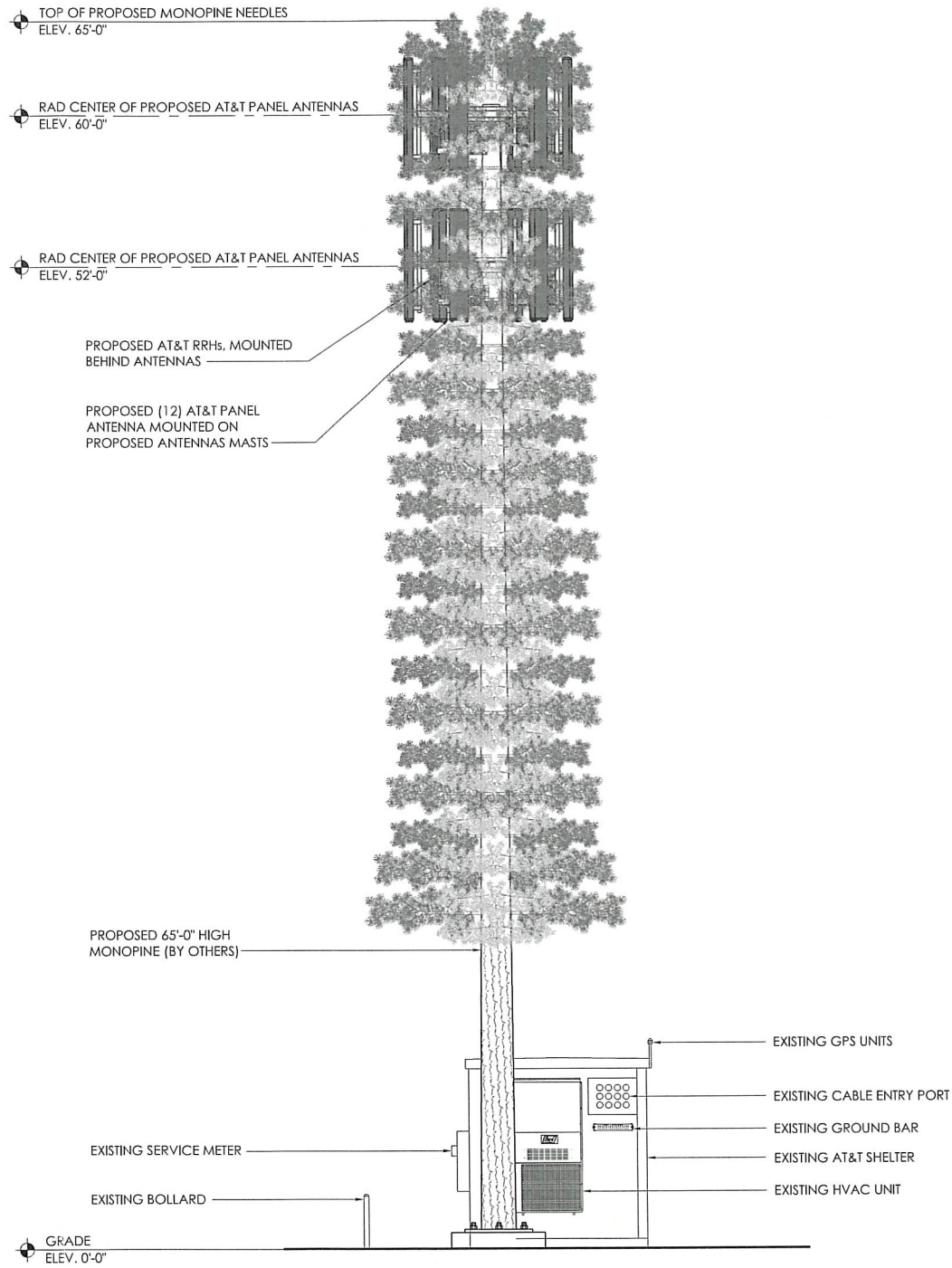
SHEET TITLE:

A-4



2 EXISTING SOUTH ELEVATION
1/4" = 1'-0"

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



1 PROPOSED SOUTH ELEVATION
1/4" = 1'-0"

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

APPLICANT:



VENDOR:



VENDOR:



SITE INFORMATION:

CCL06438
SOUTH SANTA ROSA
440 HEARN AVE.
SANTA ROSA, CA 95407
FA #: 14537224
PACE #: MRSFR048909
PT #: 3705A0GBD4
USID #: 225498

DESIGN RECORD:

REV	DATE	DESCRIPTION
B	11/09/18	100%ZDs
A	09/12/18	90%ZDs

PROFESSIONAL STAMP:

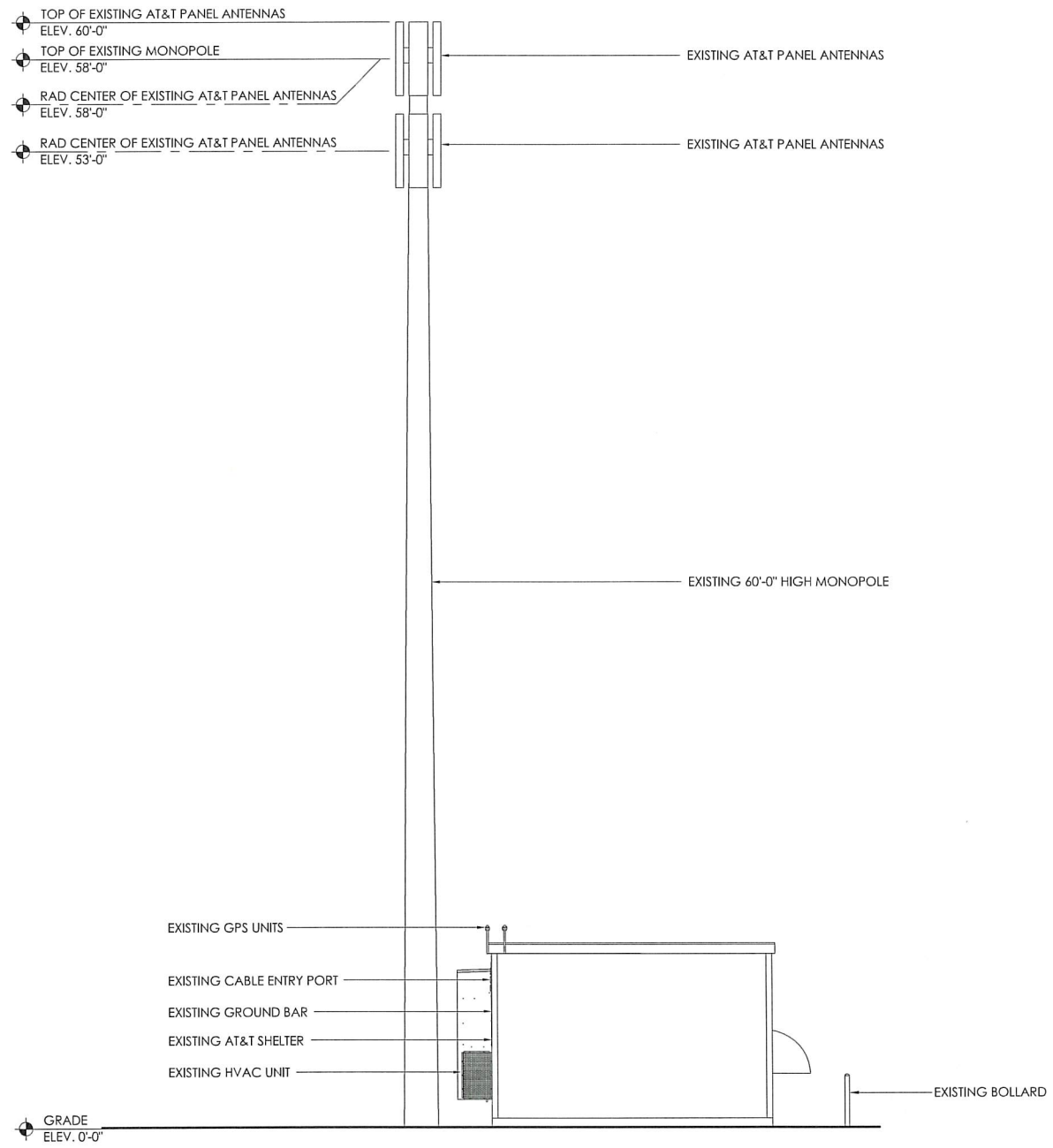
It is a violation of law for any persons, unless they are acting under the direction of a licensed professional engineer, to alter this document

SHEET NAME:

ELEVATIONS

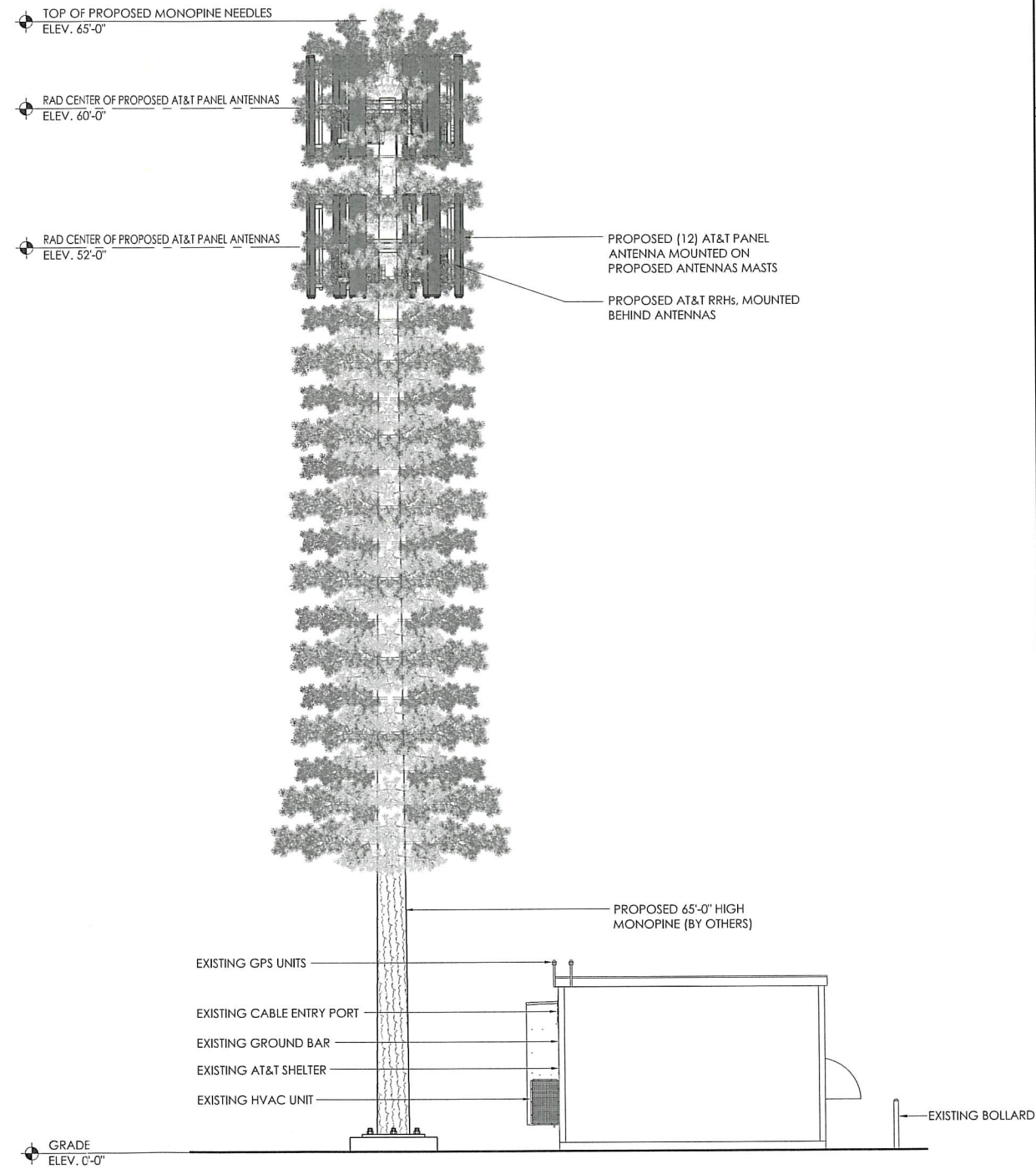
SHEET TITLE:

A-5



2 EXISTING EAST ELEVATION
1/4" = 1'-0"

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



1 PROPOSED EAST ELEVATION
1/4" = 1'-0"

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

5001 EXECUTIVE PARKWAY
SAN RAMON, CALIFORNIA 94583

2030 MAIN STREET, SUITE 200
IRVINE, CALIFORNIA 92614

23675 BIRCHER DRIVE
LAKE FOREST, CA 92650
PHONE: (949) 273-0996

CCL06438

SOUTH SANTA ROSA

440 HEARN AVE.
SANTA ROSA, CA 95407

FA #: 14537224
PACE #: MRSFR048909
PT #: 3705A0GBD4
USID #: 225498

REV	DATE	DESCRIPTION
B	11/09/18	100%ZDs
A	09/12/18	90%ZDs

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

ELEVATIONS

A-6