

USA NORTH
OF CENTRAL/NORTHERN CALIFORNIA
AND NEVADA



1-800-227-2600
AT LEAST TWO DAYS
BEFORE YOU DIG



at&t
mobility corp.

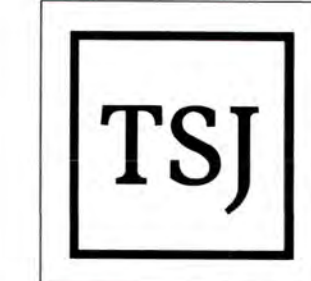
CVL06558 - PONY EXPRESS ATC-COLO

USID: 316108; FA:15725006

PACE: MRSFR088754 / PTN: 3701A12DFY

5940 PONY EXPRESS TRAIL
POLLOCK PINES, CA 95726

CONSULTANT



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

APPLICANT



SITE INFORMATION

CVL06558

PONY EXPRESS
ATC-COLO

5940 PONY EXPRESS TRL
POLLOCK PINES, CA 95726

DESIGN RECORD

REVISIONS

REV	DATE	DESCRIPTION	BY
2	05/19/22	100% ZD	LE
1	04/22/22	100% ZD	DC
0	03/03/22	90% ZD	LE

PROFESSIONAL STAMP

APPROVED
FL DORADO COUNTY
PLANNING COMMISSION
MARCH 23, 2023
KAREN L. COHEN
PLANNING SECRETARY

SHEET TITLE

TITLE SHEET

SHEET

T-1

SITE INFORMATION

SITE ADDRESS: 5940 PONY EXPRESS TRL
POLLOCK PINES, CA 95726

LATITUDE (NAD 83): 38° 45' 16.10" N
38.754472°

LONGITUDE (NAD 83): 120° 35' 53.32" W
-120.598144°

GROUND ELEVATION: 3797.4' AMSL

JURISDICTION: EL DORADO COUNTY

PROPERTY OWNER: KAYNA WESTLEY CA LLC

ZONING: -

PARCEL/MAP NUMBER: 101-201-080-000

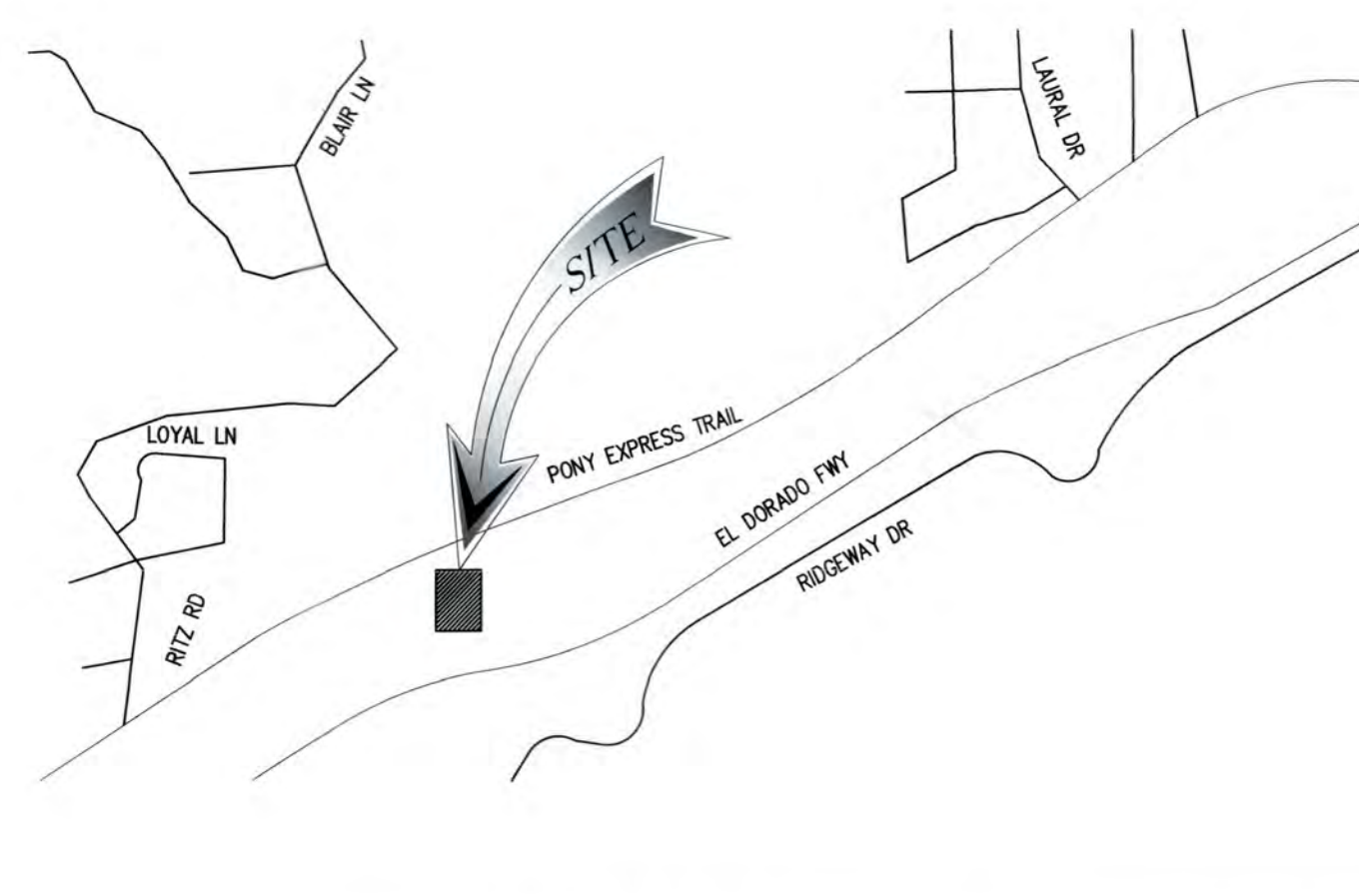
STRUCTURE TYPE: MONOPINE

STRUCTURE HEIGHT: 139'-4" (AGL)

POWER SUPPLIER: PG&E

TELCO SUPPLIER: AT&T

VICINITY MAP



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 LEFT ONTO CAMINO RAMON
4. USE THE LEFT 2 LANES TO TURN LEFT ONTO CROW CANYON RD
5. USE THE RIGHT 2 LANES TO MERGE ONTO I-680 N VIA THE RAMP TO SACRAMENTO
6. MERGE ONTO I-680 N
7. KEEP LEFT AT THE FORK TO STAY ON I-680 N
8. KEEP RIGHT TO CONTINUE ON I-680 N
9. USE ANY LANE TO TAKE EXIT 71A TOWARD I-80 E/SACRAMENTO
10. MERGE ONTO I-80 E
11. KEEP LEFT TO CONTINUE ON I-80BL E/US-50 E, FOLLOW SIGNS FOR SACRAMENTO/SOUTH LAKE TAHOE/CAPITAL CITY FREEWAY
12. CONTINUE STRAIGHT TO STAY ON US-50 E/EL DORADO FWY
13. TAKE EXIT 60 FOR SLY PARK RD
14. TURN LEFT ONTO SLY PARK RD
15. TURN LEFT ONTO PONY EXPRESS TRAIL
16. 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

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, 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.

SCOPE OF WORK

THIS PROJECT CONSISTS OF THE INSTALLATION OF A NEW AT&T WIRELESS ANTENNA FACILITY. SCOPE OF WORK:

- EQUIPMENT AREA**
- INSTALL NEW CWIC CABINET AND 30KW STANDBY BACK UP GENERATOR
 - INSTALL ASSOCIATED UTILITY CABINETS AND H-FRAME
 - INSTALL (1) NEW GPS ANTENNA
 - INSTALL 15'X30' CHAIN LINK EQUIPMENT ENCLOSURE
 - INSTALL 20'-0" EXTENSION TO EXISTING MONOPINE
 - INSTALL (1) NEW GPS ANTENNA
 - INSTALL (1) NEW SPD BOX TO SIDE OF THE NEW CWIC CABINET

- ANTENNA AREA**
- INSTALL (8) NEW PANEL ANTENNAS
 - INSTALL (15) NEW RRUS
 - INSTALL (3) NEW DC-9 SURGE PROTECTORS
 - INSTALL NEW FIBER AND DC CABLES TO NEW ANTENNAS

LEASE AREA:
EQUIPMENT AREA: 450 SF
ANTENNA AREA: 355 SF
TOTAL LEASE AREA: 805 SF

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: FADI ABDALLA
PHONE: (909) 660-9055
EMAIL: fa229@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: dconnell@connelldesigngroup.com

NOTES

APN: 101-201-080-000
 OWNER: KAYNA WESTLEY CA LLC

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 TITLE REPORT BY: XXXX, ORDER NO. XXXXXXXX, 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.

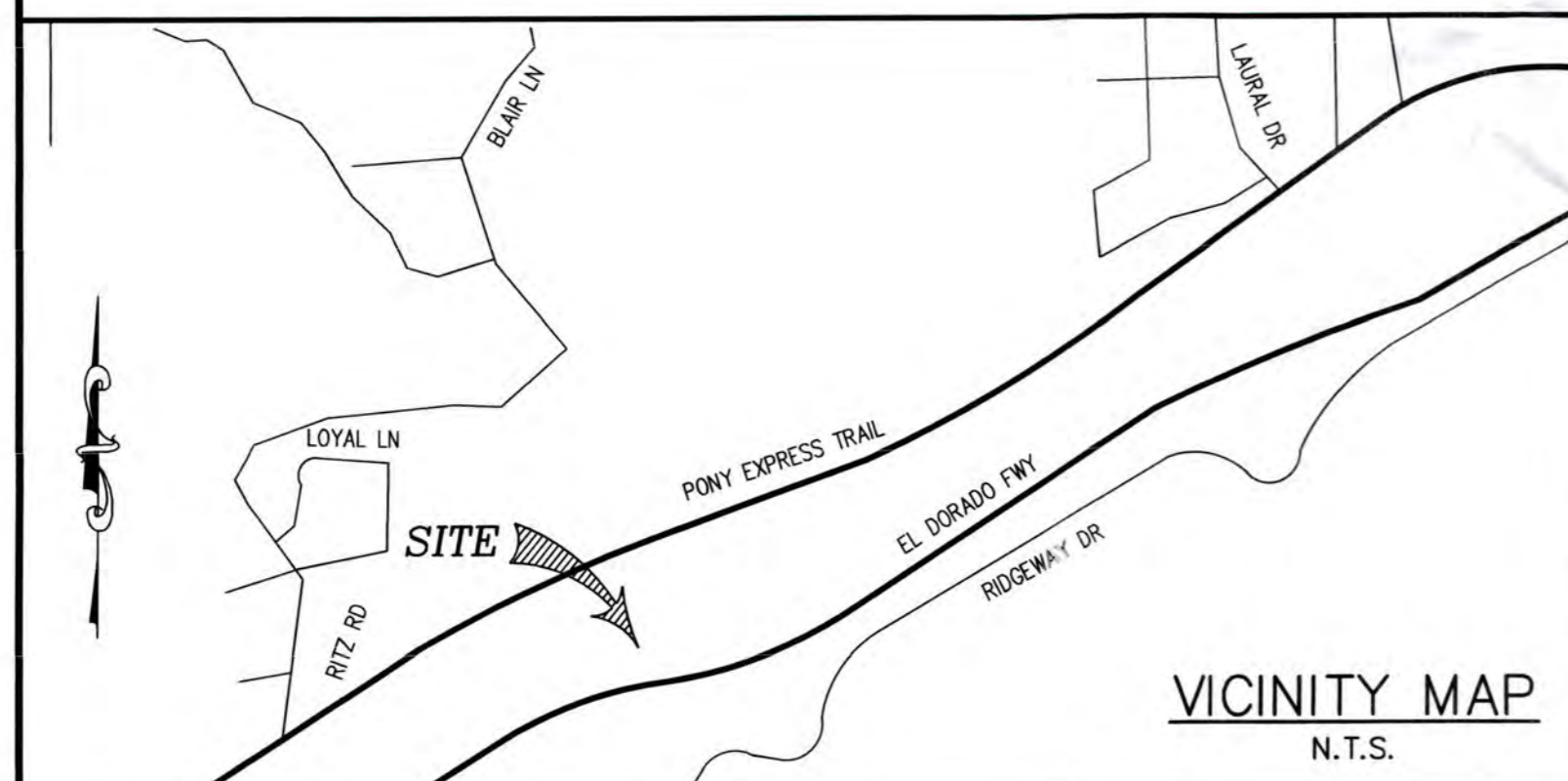
THE UNDERGROUND UTILITIES (IF ANY) THAT APPEAR ON THIS MAP HAVE BEEN LOCATED BY FIELD OBSERVATION. THE SURVEYOR MAKES NO GUARANTEE THAT THE UNDERGROUND UTILITIES SHOWN COMPRISE ALL SUCH UTILITIES IN THE AREA, EITHER IN SERVICE OR ABANDONED. THE SURVEYOR FURTHER DOES NOT WARRANT THAT THE UNDERGROUND UTILITIES 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. 06017C, PANEL NO. 0550E, INDICATES THAT NO PANEL HAS BEEN PRINTED FOR THE SUBJECT PROPERTY'S IMMEDIATE AREA AS NOTED ON THE EL DORADO COUNTY FLOOD MAP INDEX, DATED SEPTEMBER 26, 2008 ("PANEL NOT PRINTED- ALL ZONE D")

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

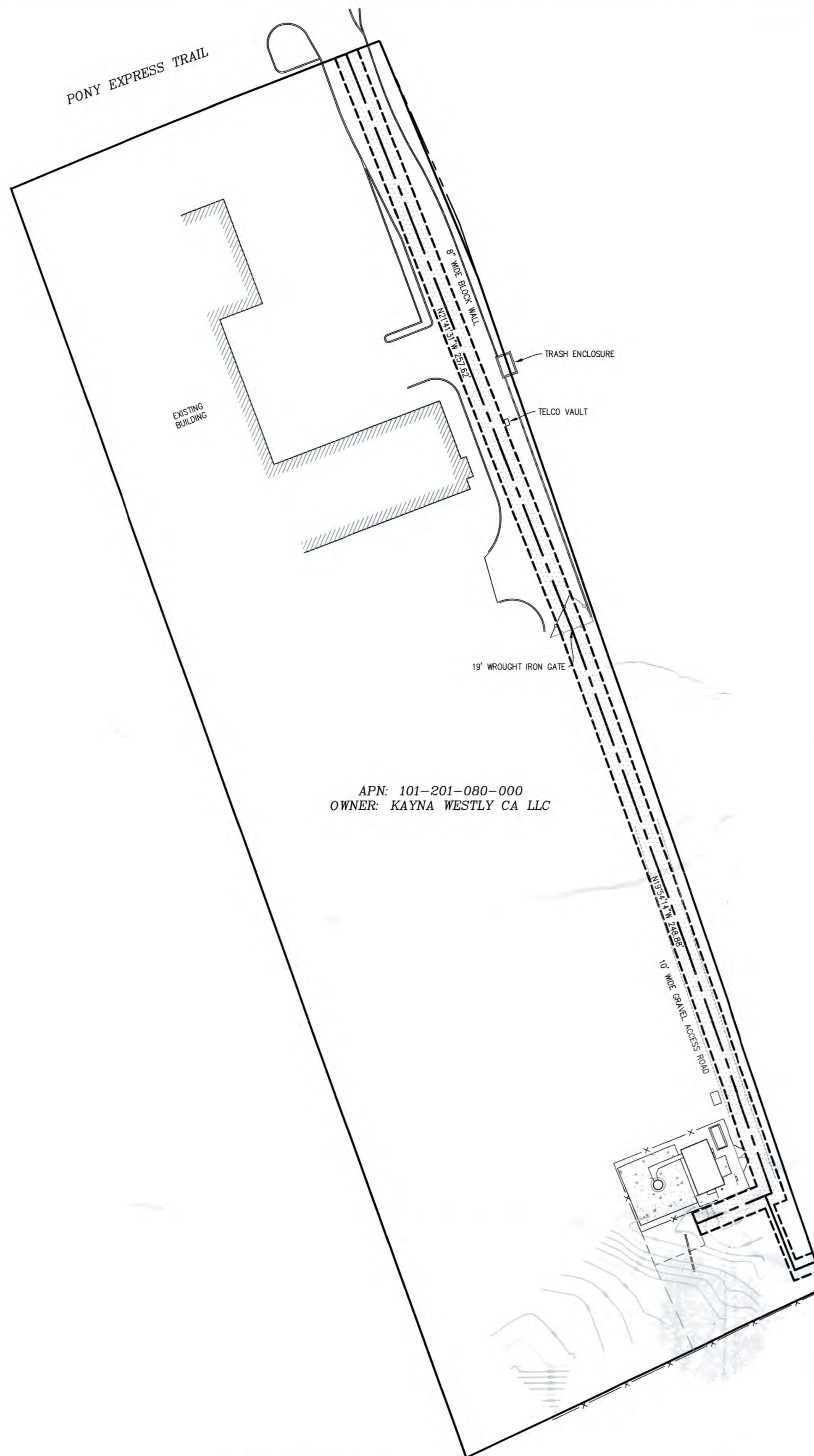
LAT. 38° 45' 16.10" N. NAD 83 (38.754472°)
 LONG. 120° 35' 53.32" W. NAD 83 (-120.598144°)
 ELEV. 3797.4' NAVD 88 (BASIS OF DRAWING)

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.



LEGEND

- SITE BOUNDARY LINE
- OVERHEAD POWER LINE
- PROPERTY BOUNDARY (PER TITLE REPORT)
- EDGE OF PAVEMENT
- FENCELINE
- POWER POLE
- SPOT ELEVATION
- CONCRETE PAD



P.O. BOX 81626 BAKERSFIELD, CA 93380
 PHONE: (661) 393-1217 FAX: (661) 393-1218

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SPACE RESERVED FOR PROFESSIONAL SEAL

REVISION

NO.	DESCRIPTION	BY	DATE
1	PRELIM. ISSUE	CJ	02/14/22
2	REVISIONS	CJ	03/01/22
3	LEASE/ESMNT	SL	03/14/22
4	REVISION	EJ	04/27/22
5			
6			
7			

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DRAWN BY: CJ
 CHECKED BY: DA
 DATE DRAWN: 02/14/22
 SMITHCO JOB #: 56-1325

SITE NAME

CVL06558
 PONY EXPRESS
 ATC-COLO

SITE ADDRESS

5940 PONY EXPRESS TRL
 POLLOCK PINES CA, 95726
 EL DORADO COUNTY

SHEET TITLE

SITE SURVEY

FOR EXAMINATION ONLY
 SHEET

C-1

APPROVED
 EL DORADO COUNTY
 PLANNING COMMISSION

MARCH 23, 2023
 KAREN L. GARBER / KLG
 PLUTIVE SECRETARY

PROPOSED LEASE AREA DESCRIPTION:

BEING A PORTION OF PARCEL THREE OF THE DEED RECORDED APRIL 4, 2019, AS DOCUMENT NO. 2019-0011388-00, EL DORADO COUNTY RECORDS, MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCING AT THE SOUTHEASTERLY MOST CORNER OF SAID PARCEL THREE, THENCE S 65°00'41" W ALONG THE SOUTH LINE OF SAID PARCEL THREE, A DISTANCE OF 61.99 FEET; THENCE LEAVING SAID SOUTH LINE, N 24°59'19" W, A DISTANCE OF 38.68 FEET TO THE POINT OF BEGINNING:

- COURSE 1) THENCE N 21°59'52" W, A DISTANCE OF 15.00 FEET;
- COURSE 2) THENCE N 68°00'08" E, A DISTANCE OF 23.00 FEET;
- COURSE 3) THENCE S 21°59'52" E, A DISTANCE OF 5.50 FEET TO POINT 'A';
- COURSE 4) THENCE CONTINUING S 21°59'52" E, A DISTANCE OF 9.50 FEET;
- COURSE 5) THENCE S 68°00'08" W, A DISTANCE OF 23.00 FEET TO THE POINT OF BEGINNING.

CONTAINING 345 SQUARE FEET, MORE OR LESS.

PROPOSED ACCESS & UTILITY EASEMENT DESCRIPTION:

A 10.00 FOOT WIDE STRIP OF LAND, OVER, ACROSS AND THROUGH A PORTION OF PARCEL THREE OF THE DEED RECORDED APRIL 4, 2019, AS DOCUMENT NO. 2019-0011388-00, EL DORADO COUNTY RECORDS, LYING 5.00 FEET ON EACH SIDE OF THE FOLLOWING DESCRIBED CENTERLINE:

BEGINNING AT THE HEREINBEFORE DESCRIBED POINT 'A':

- COURSE 1) THENCE N 68°00'08" E, A DISTANCE OF 31.92 FEET TO POINT 'B';
- COURSE 2) THENCE CONTINUING N 68°00'08" E, A DISTANCE OF 2.91 FEET;
- COURSE 3) THENCE N 19°54'14" W, A DISTANCE OF 248.88 FEET;
- COURSE 4) THENCE N 21°41'31" W, A DISTANCE OF 257.62 FEET TO THE SOUTH LINE OF PONY EXPRESS TRAIL AND THE TERMINUS OF THIS DESCRIPTION.

PROPOSED & UTILITY EASEMENT DESCRIPTION:

A 4.00 FOOT WIDE STRIP OF LAND, OVER, ACROSS AND THROUGH A PORTION OF PARCEL THREE OF THE DEED RECORDED APRIL 4, 2019, AS DOCUMENT NO. 2019-0011388-00, EL DORADO COUNTY RECORDS, LYING 2.00 FEET ON EACH SIDE OF THE FOLLOWING DESCRIBED CENTERLINE:

BEGINNING AT THE HEREINBEFORE DESCRIBED POINT 'B':

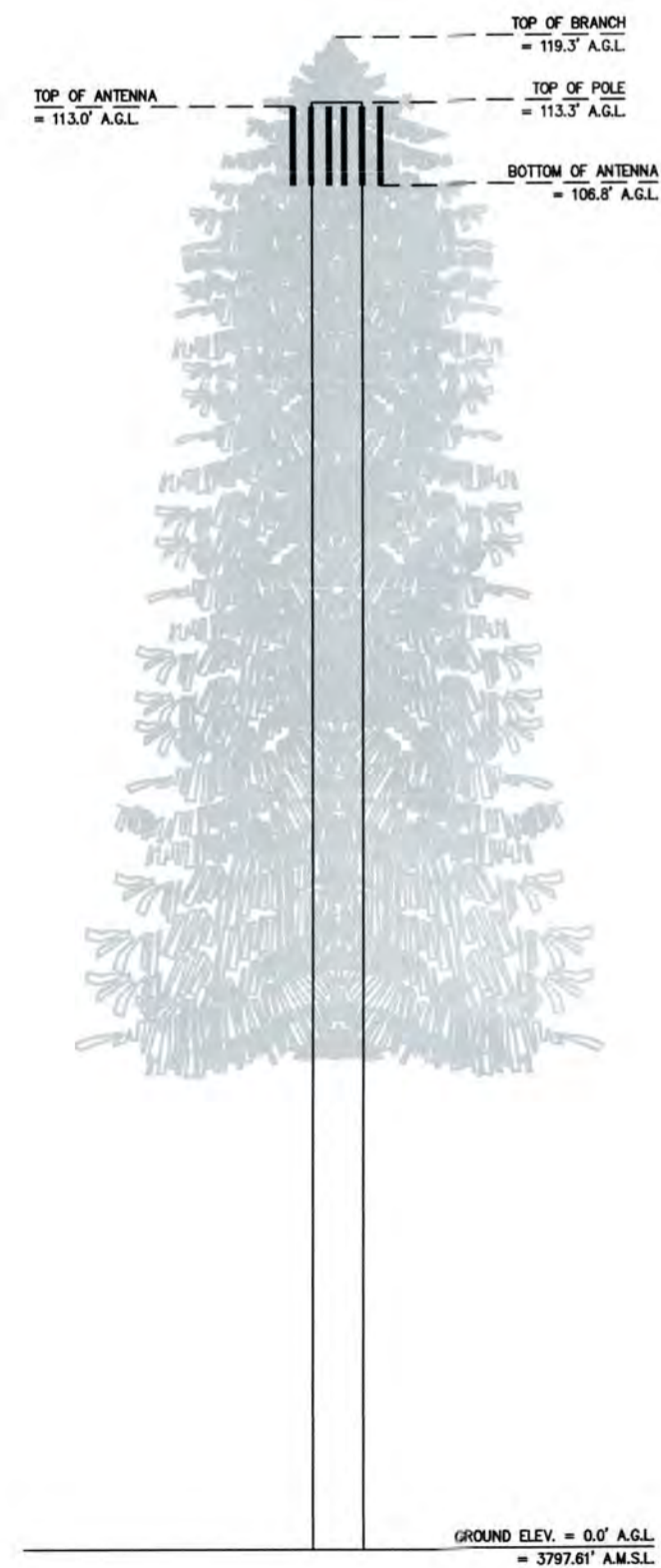
- COURSE 1) THENCE S 21°59'37" E, A DISTANCE OF 33.46 FEET TO POINT 'C'

TOGETHER WITH A 8.00 FOOT WIDE STRIP OF LAND, OVER, ACROSS AND THROUGH A PORTION OF PARCEL THREE OF THE DEED RECORDED APRIL 4, 2019, AS DOCUMENT NO. 2019-0011388-00, EL DORADO COUNTY RECORDS, LYING 4.00 FEET ON EACH SIDE OF THE FOLLOWING DESCRIBED CENTERLINE:

BEGINNING AT THE HEREINBEFORE DESCRIBED POINT 'C':

- COURSE 1) THENCE N 68°13'04" E, A DISTANCE OF 9.55 FEET TO THE TERMINUS OF THIS DESCRIPTION.

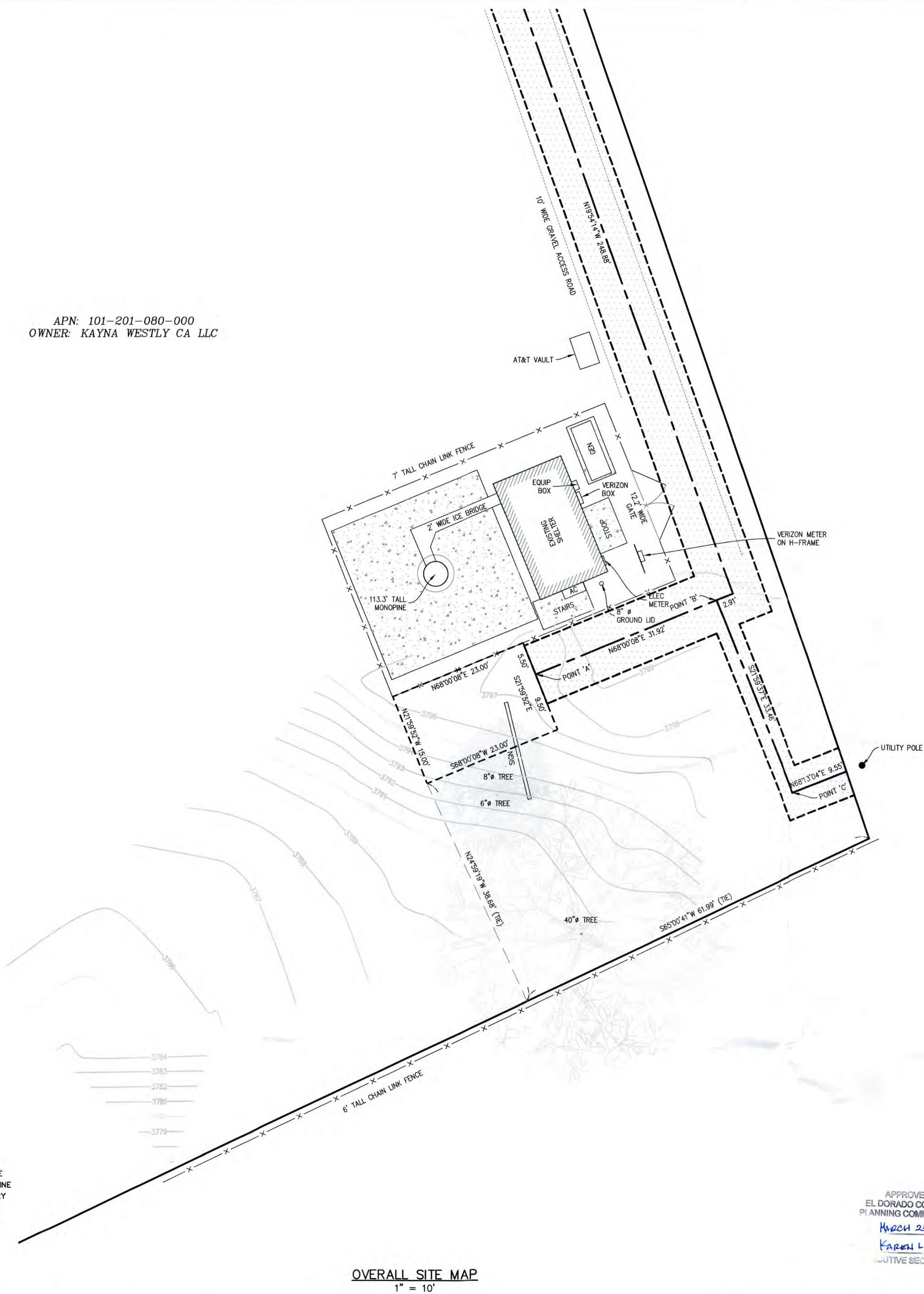
APN: 101-201-080-000
OWNER: KAYNA WESTLY CA LLC



ELEVATION VIEW
1" = 16'

LEGEND

- SITE BOUNDARY LINE
- OVERHEAD POWER LINE
- PROPERTY BOUNDARY (PER TITLE REPORT)
- EDGE OF PAVEMENT
- FENCELINE
- POWER POLE
- SPOT ELEVATION
- CONCRETE PAD



OVERALL SITE MAP
1" = 10'

APPROVED
EL DORADO COUNTY
PLANNING COMMISSION
March 23, 2023
Karen L. Gagner / ds
RESOLUTIVE SECRETARY



P.O. BOX 81626 BAKERSFIELD, CA 93380
PHONE: (661) 393-1217 FAX: (661) 393-1218

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SMITHCO JOB #: 56-1325

SITE NAME

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PONY EXPRESS
ATC-COLO

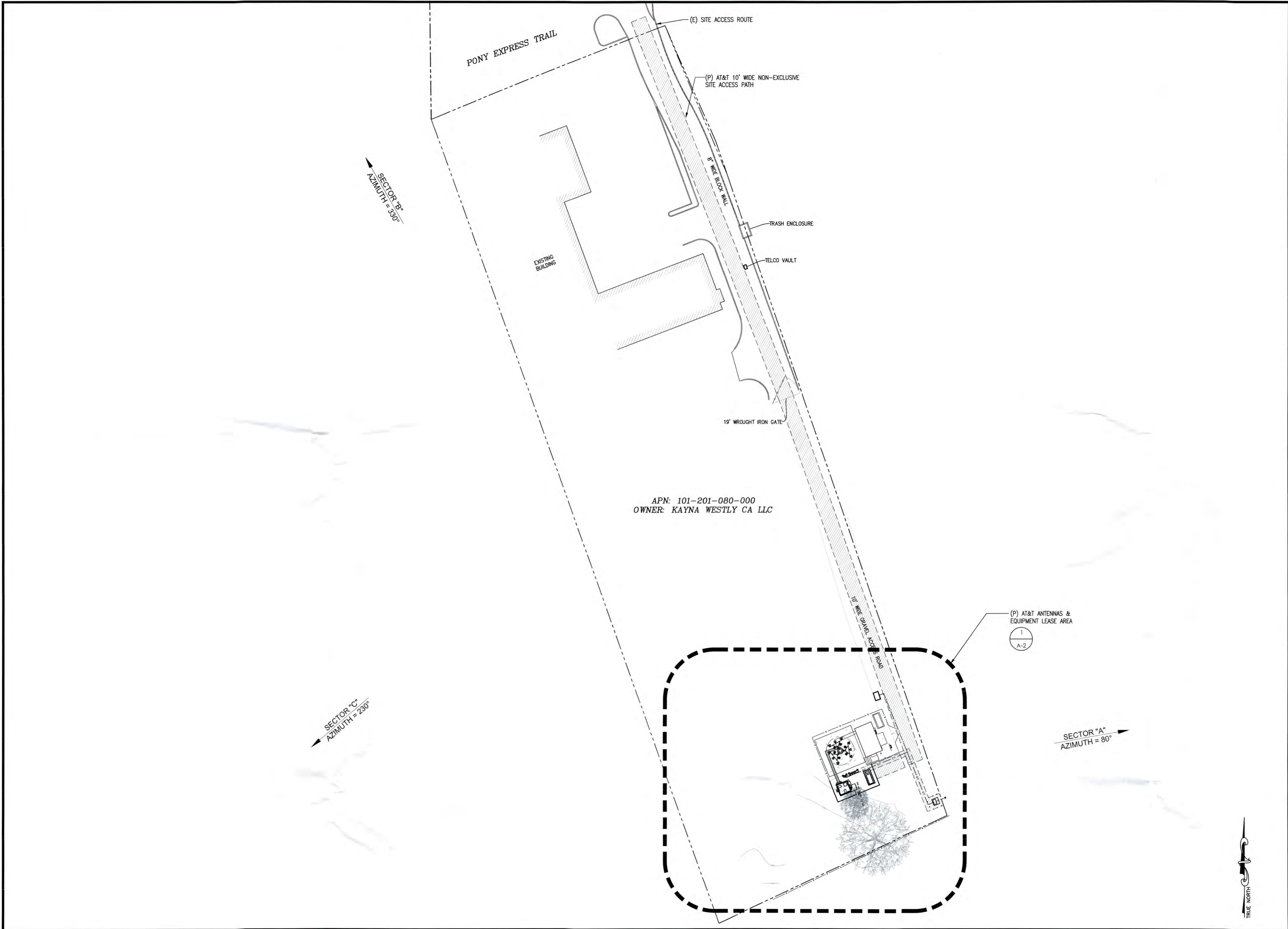
SITE ADDRESS

5940 PONY EXPRESS TRL
POLLOCK PINES CA, 95726
EL DORADO COUNTY

SHEET TITLE

SITE SURVEY

FOR EXAMINATION ONLY
SHEET



CONSULTANT



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

APPLICANT



SITE INFORMATION

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PROFESSIONAL STAMP

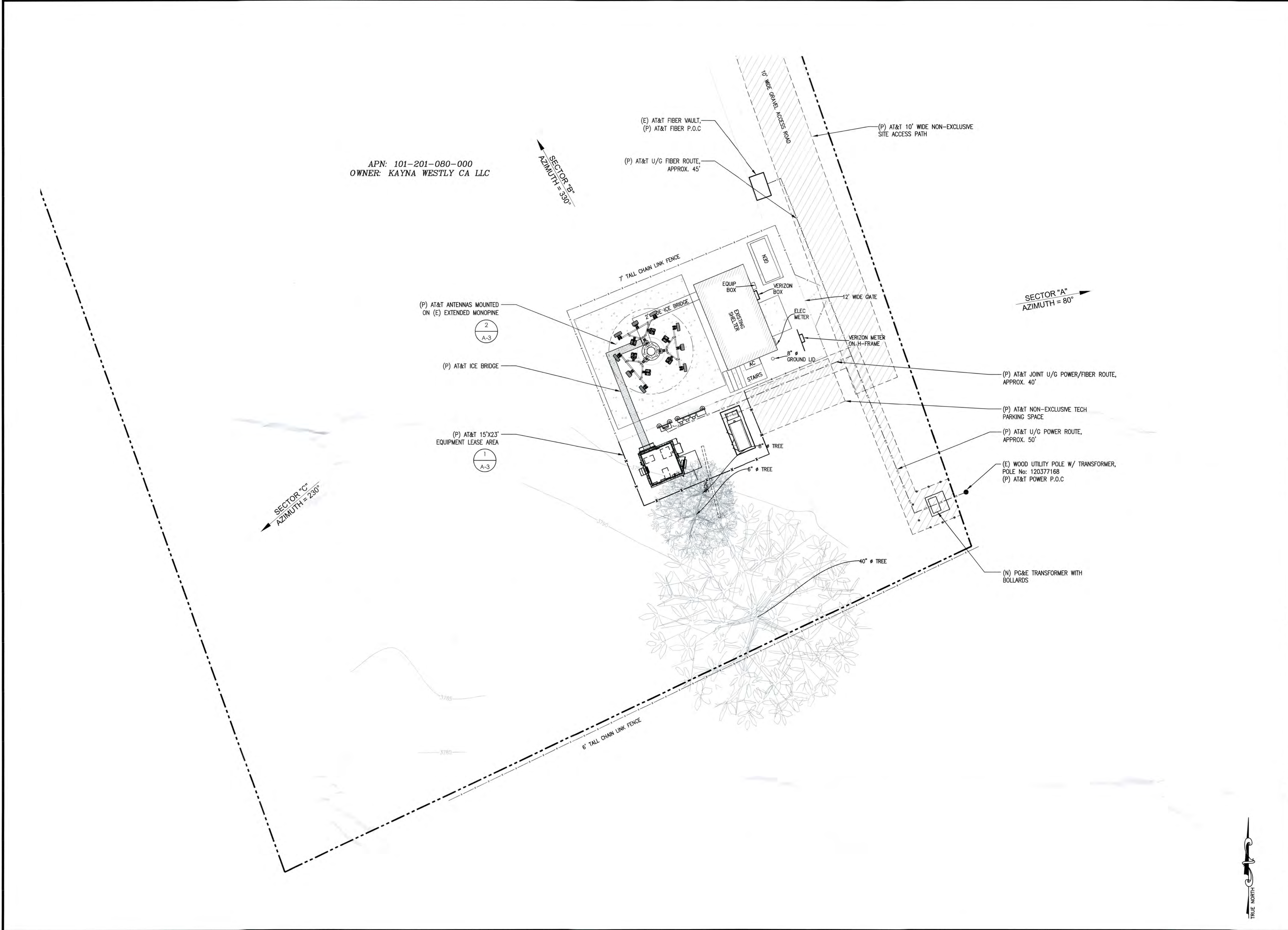
APPROVED
 EL DORADO COUNTY
 PLANNING COMMISSION
 MARCH 23, 2023
 KAREN L. GREENE/cws
 EXECUTIVE SECRETARY

SHEET TITLE

SITE PLAN

SHEET

A-1



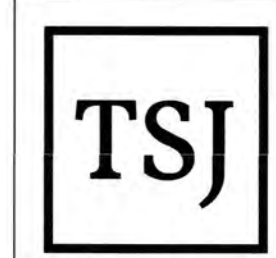

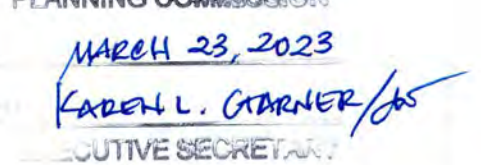
APN: 101-201-080-000
OWNER: KAYNA WESTLY CA LLC

SECTOR "B"
AZIMUTH = 330°

SECTOR "A"
AZIMUTH = 80°

SECTOR "C"
AZIMUTH = 230°

SCALE: 1"=10'-0"
0 5 10

CONSULTANT	 TSJ CONSULTING INC. 27128 PASEO ESPADA, #A-1521 SAN JUAN CAPISTRANO, CA 92675																				
APPLICANT																					
SITE INFORMATION	CVL06558 PONY EXPRESS ATC-COLO 5940 PONY EXPRESS TRL POLLOCK PINES, CA 95726																				
DESIGN RECORD	<table border="1"> <thead> <tr> <th colspan="4">REVISIONS</th> </tr> <tr> <th>REV</th> <th>DATE</th> <th>DESCRIPTION</th> <th>BY</th> </tr> </thead> <tbody> <tr> <td>2</td> <td>05/19/22</td> <td>100% ZD</td> <td>LE</td> </tr> <tr> <td>1</td> <td>04/22/22</td> <td>100% ZD</td> <td>DC</td> </tr> <tr> <td>0</td> <td>03/03/22</td> <td>90% ZD</td> <td>LE</td> </tr> </tbody> </table>	REVISIONS				REV	DATE	DESCRIPTION	BY	2	05/19/22	100% ZD	LE	1	04/22/22	100% ZD	DC	0	03/03/22	90% ZD	LE
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PROFESSIONAL STAMP	APPROVED EL DORADO COUNTY PLANNING COMMISSION MARCH 23, 2023  KATHY L. CRANER EXECUTIVE SECRETARY																				
SHEET TITLE	ENLARGED SITE PLAN																				
SHEET	A-2																				

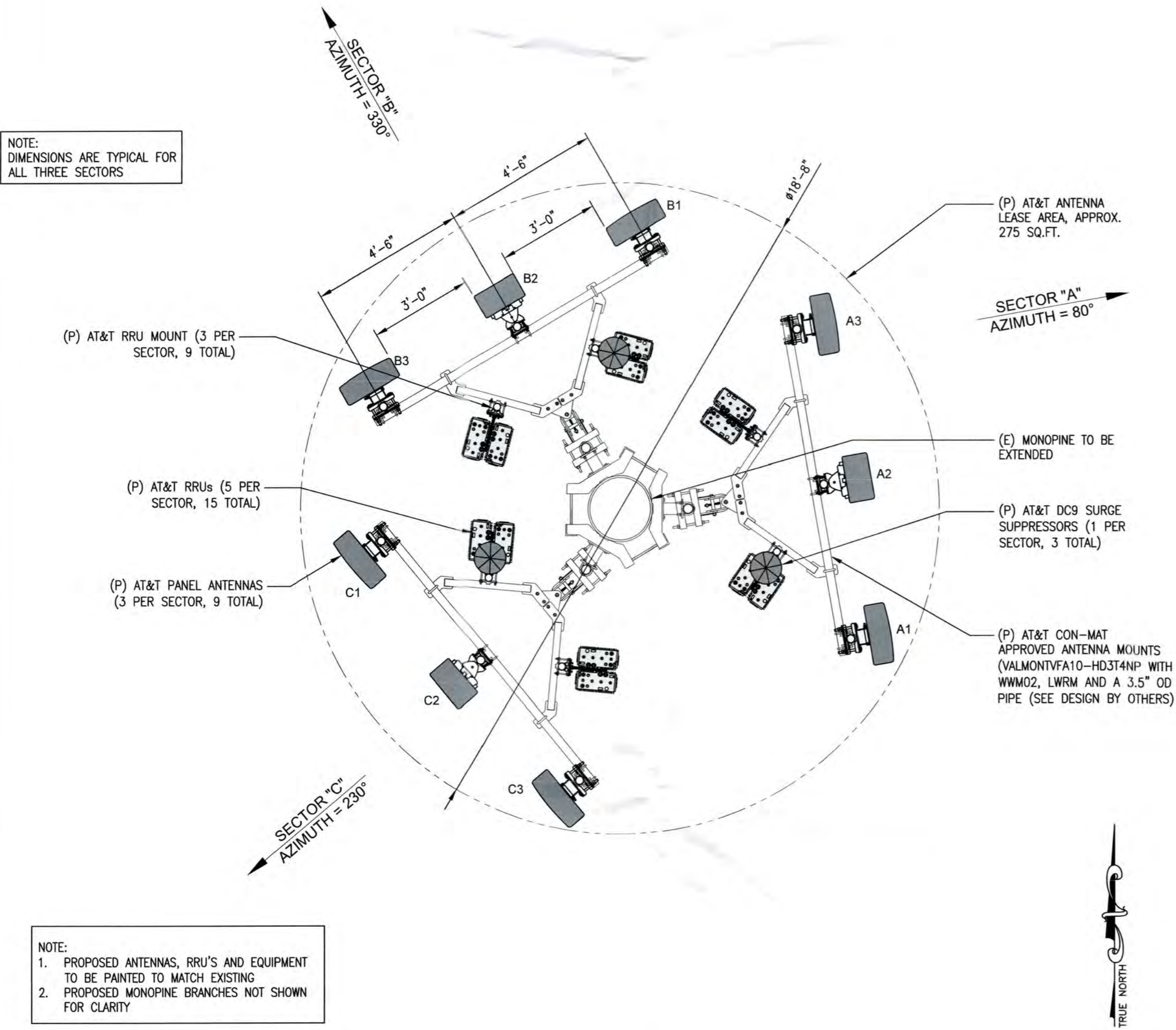
ENLARGED SITE PLAN

1

SECTOR	ANTENNA MODEL	AZIMUTH	RAD CENTER (A.G.L.)	RRU MODEL	FIBER/DC LENGTH	COAX JUMPER LENGTH	DC FEEDS
A	A1	80°	130'-0"	(1) 4449 B5/B12 (1) 8843 B2/B66A	TRUNK1 60M	±8'-0"	4
	A2	80°	130'-0"	(1) 4415 B30	TRUNK1 60M	±8'-0"	1
	A3	80°	130'-0"	(1) 4478 B14 (1) 4415 B25	TRUNK1 60M	±8'-0"	2
B	B1	330°	130'-0"	(1) 4449 B5/B12 (1) 8843 B2/B66A	TRUNK2 60M	±8'-0"	4
	B2	330°	130'-0"	(1) 4415 B30	TRUNK2 60M	±8'-0"	1
	B3	330°	130'-0"	(1) 4478 B14 (1) 4415 B25	TRUNK2 60M	±8'-0"	2
C	C1	230°	130'-0"	(1) 4449 B5/B12 (1) 8843 B2/B66A	TRUNK3 60M	±8'-0"	4
	C2	230°	130'-0"	(1) 4415 B30	TRUNK3 60M	±8'-0"	1
	C3	230°	130'-0"	(1) 4478 B14 (1) 4415 B25	TRUNK3 60M	±8'-0"	2
TOTALS	(9) ANTENNAS			(15) RRU'S	(3) FIBER TRUNKS		(21) DC FEEDS

ANTENNA RF SCHEDULE PER RFDS V. 1.0 DATE UPDATED 1/25/2022
ALL ANTENNAS AND EQUIPMENT SHOWN IS PRELIMINARY AND SUBJECT TO CHANGE

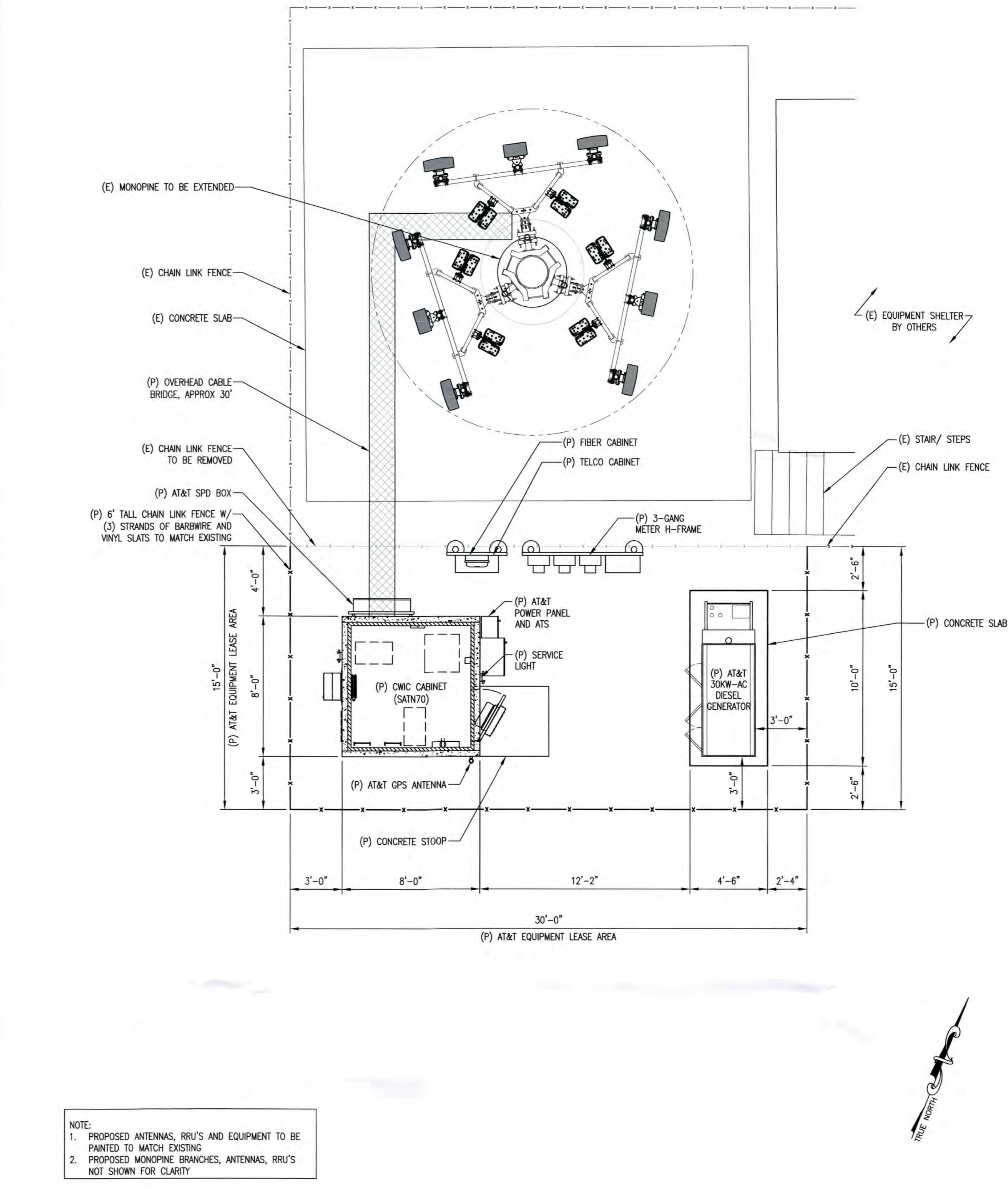
3



ANTENNA LAYOUT

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

2



EQUIPMENT LAYOUT

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

1

TSJ
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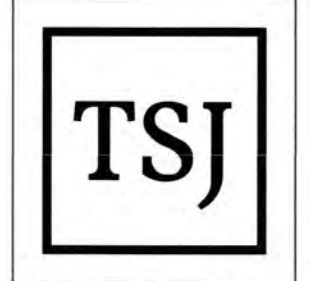
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MARCH 23, 2023
KAREN L. GARNER / JG
EXECUTIVE SECRETARY

SHEET TITLE
EQUIPMENT,
ANTENNA LAYOUTS
AND ANTENNA
SCHEDULE

SHEET
A-3



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



CVL06558

PONY EXPRESS
ATC-COLO
5940 PONY EXPRESS TRL
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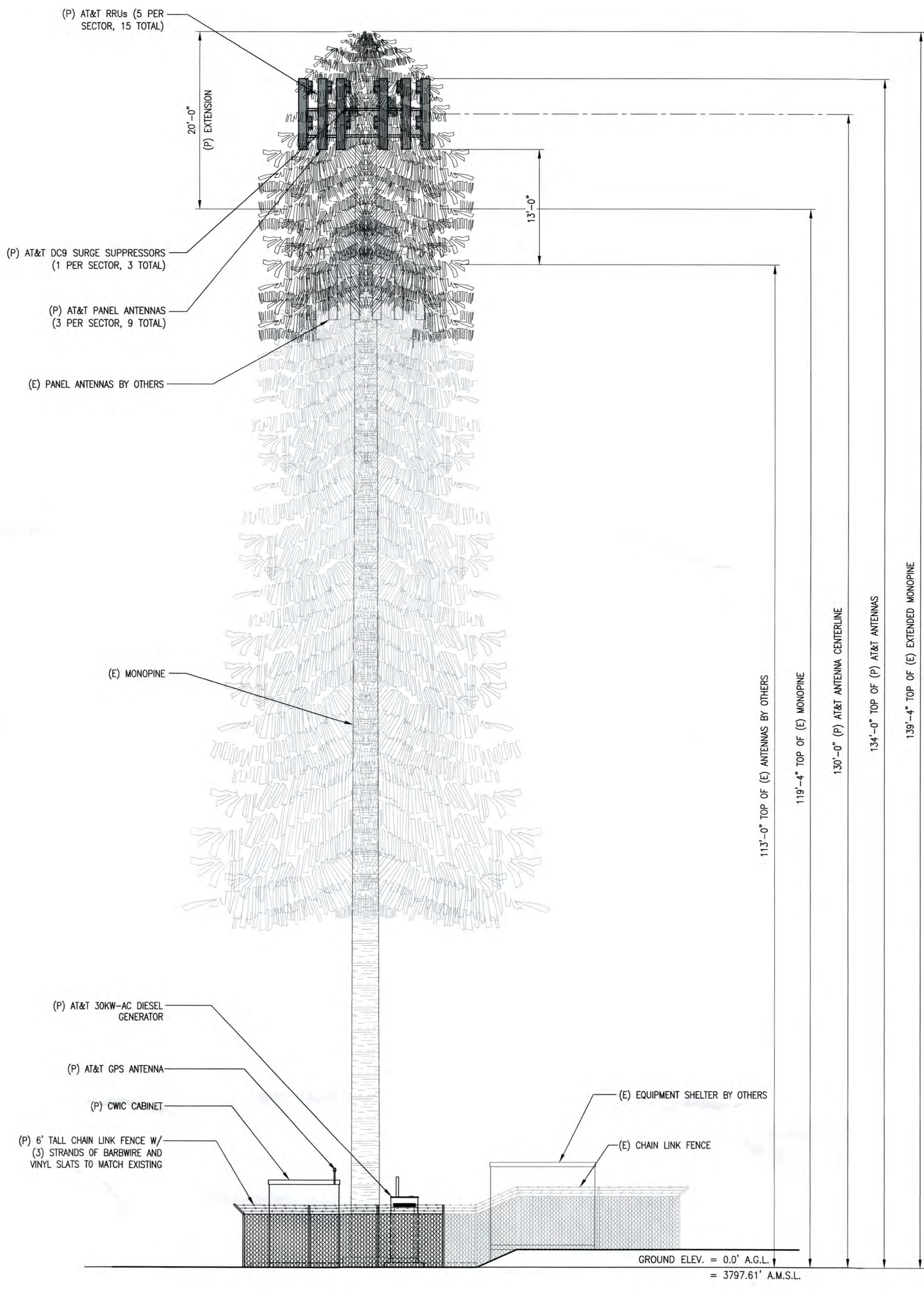
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EL DORADO COUNTY
PLANNING COMMISSION
MARCH 23, 2023
KAREN L. GARNEY/PS
EXECUTIVE SECRETARY

ELEVATIONS

A-4

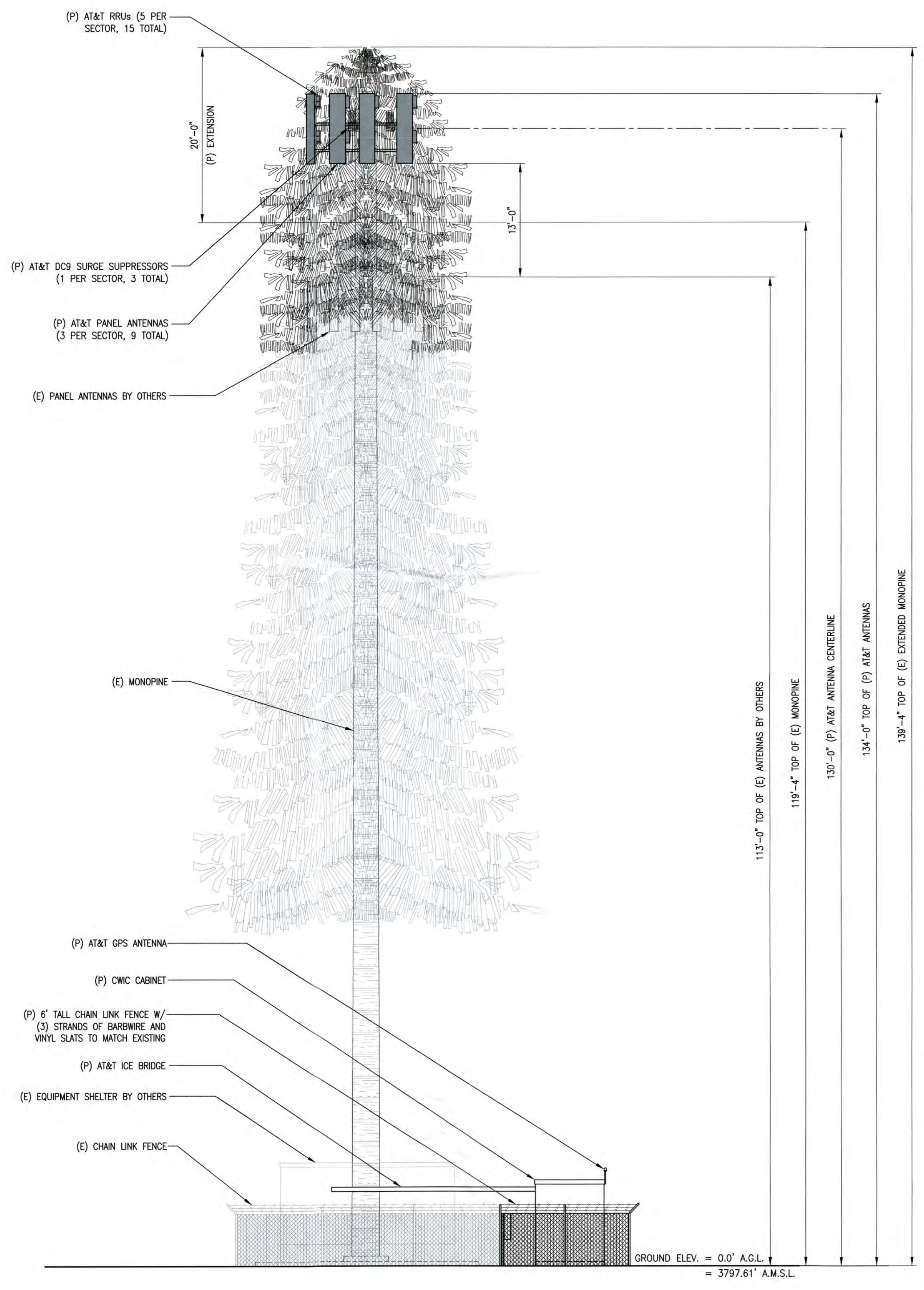
CONSULTANT
APPLICANT
SITE INFORMATION
DESIGN RECORD
PROFESSIONAL STAMP
SHEET TITLE
SHEET



SOUTH ELEVATION

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

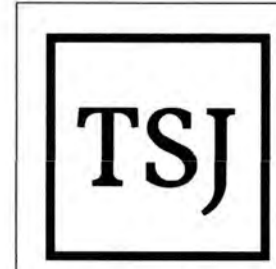
2



WEST ELEVATION

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

1



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



CVL06558

**PONY EXPRESS
ATC-COLO**

5940 PONY EXPRESS TRL
POLLOCK PINES, CA 95726

REVISIONS

REV	DATE	DESCRIPTION	BY
2	05/19/22	100% ZD	LE
1	04/22/22	100% ZD	DC
0	03/03/22	90% ZD	LE

APPROVED
EL DORADO COUNTY
PLANNING COMMISSION

MARCH 23, 2023
KAREN L. GARNER/JS
PLANNING SECRETARY

ELEVATIONS

A-5

CONSULTANT

APPLICANT

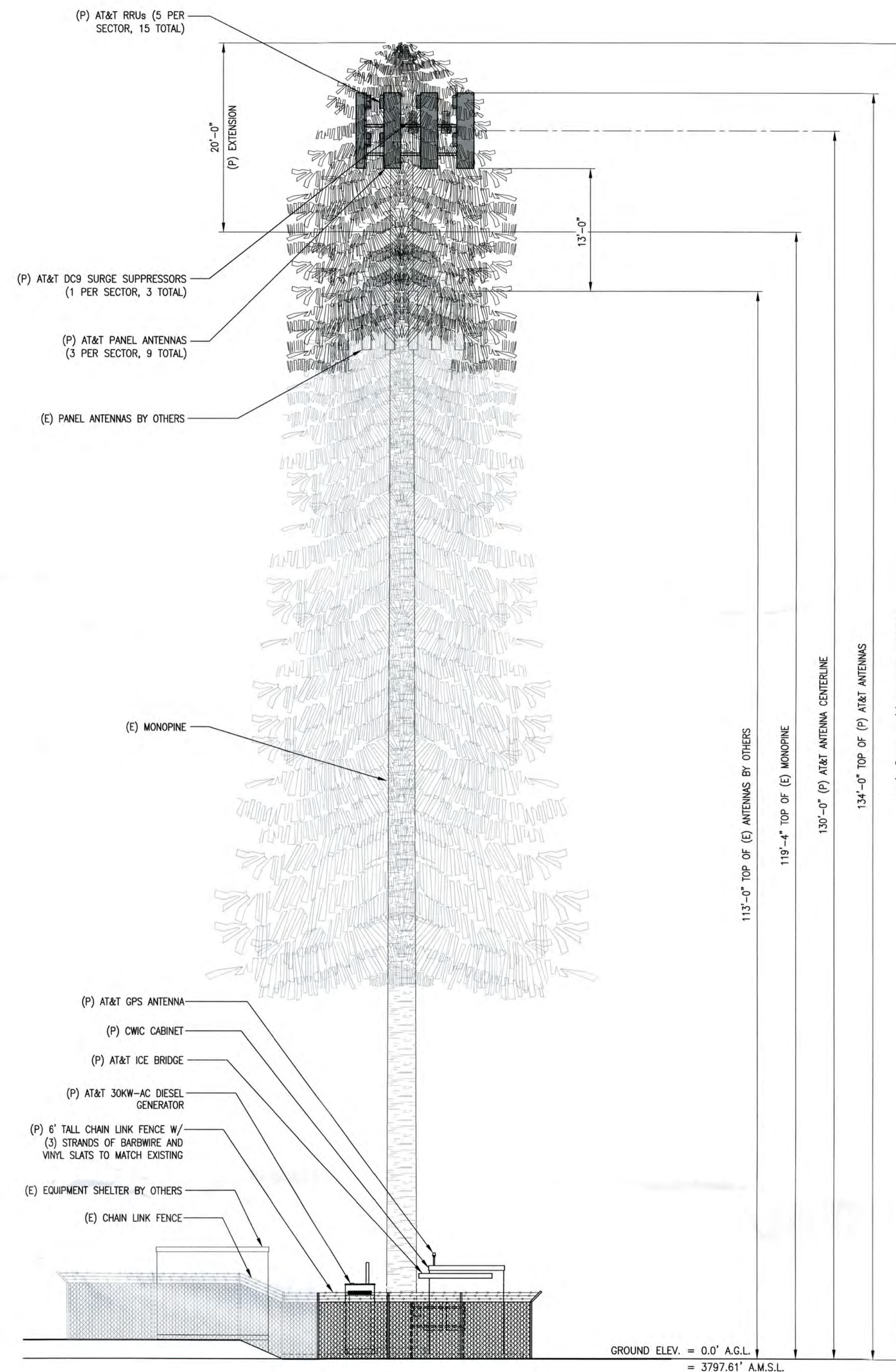
SITE INFORMATION

DESIGN RECORD

PROFESSIONAL STAMP

SHEET TITLE

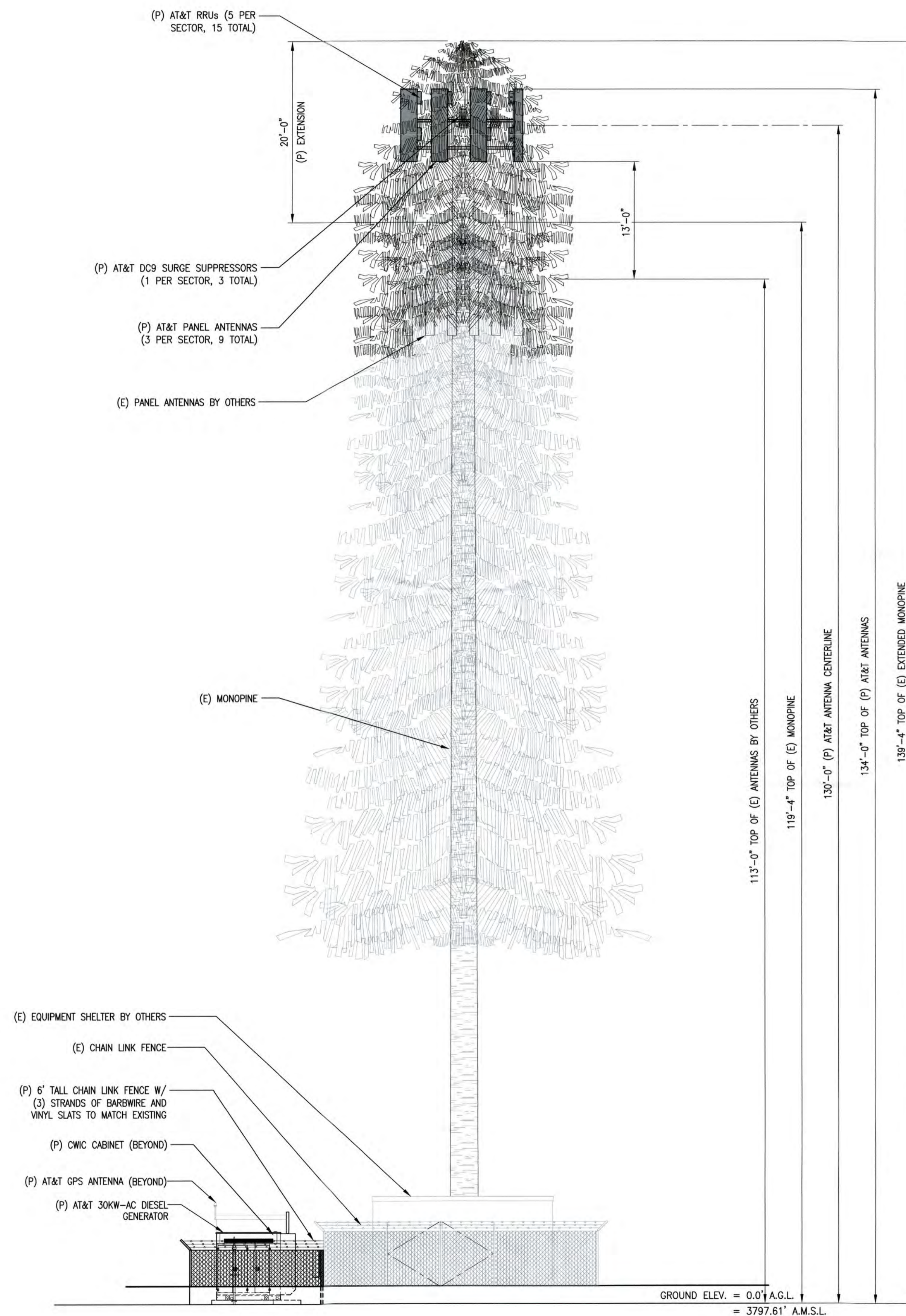
SHEET



NORTH ELEVATION

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

2



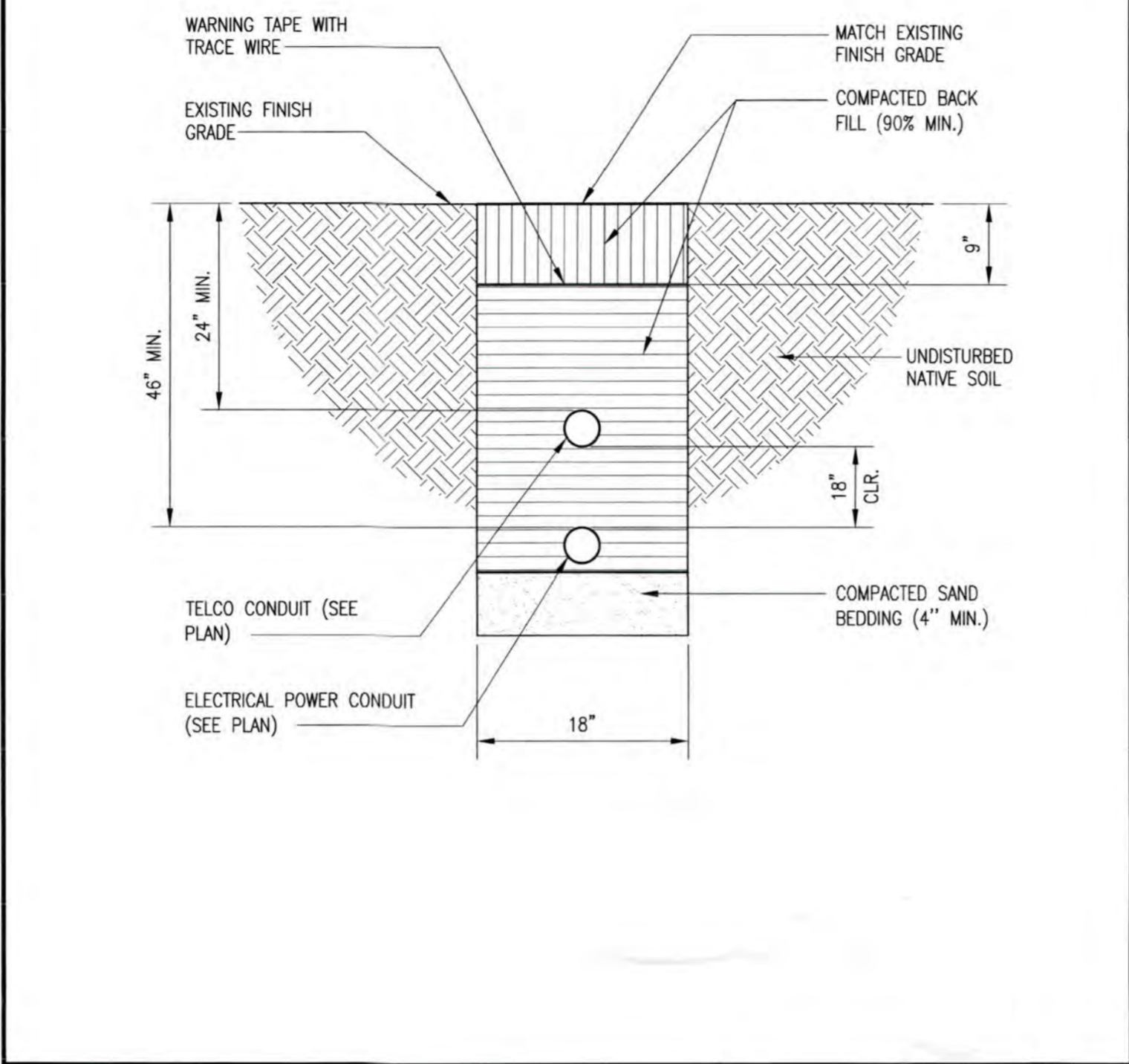
EAST ELEVATION

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

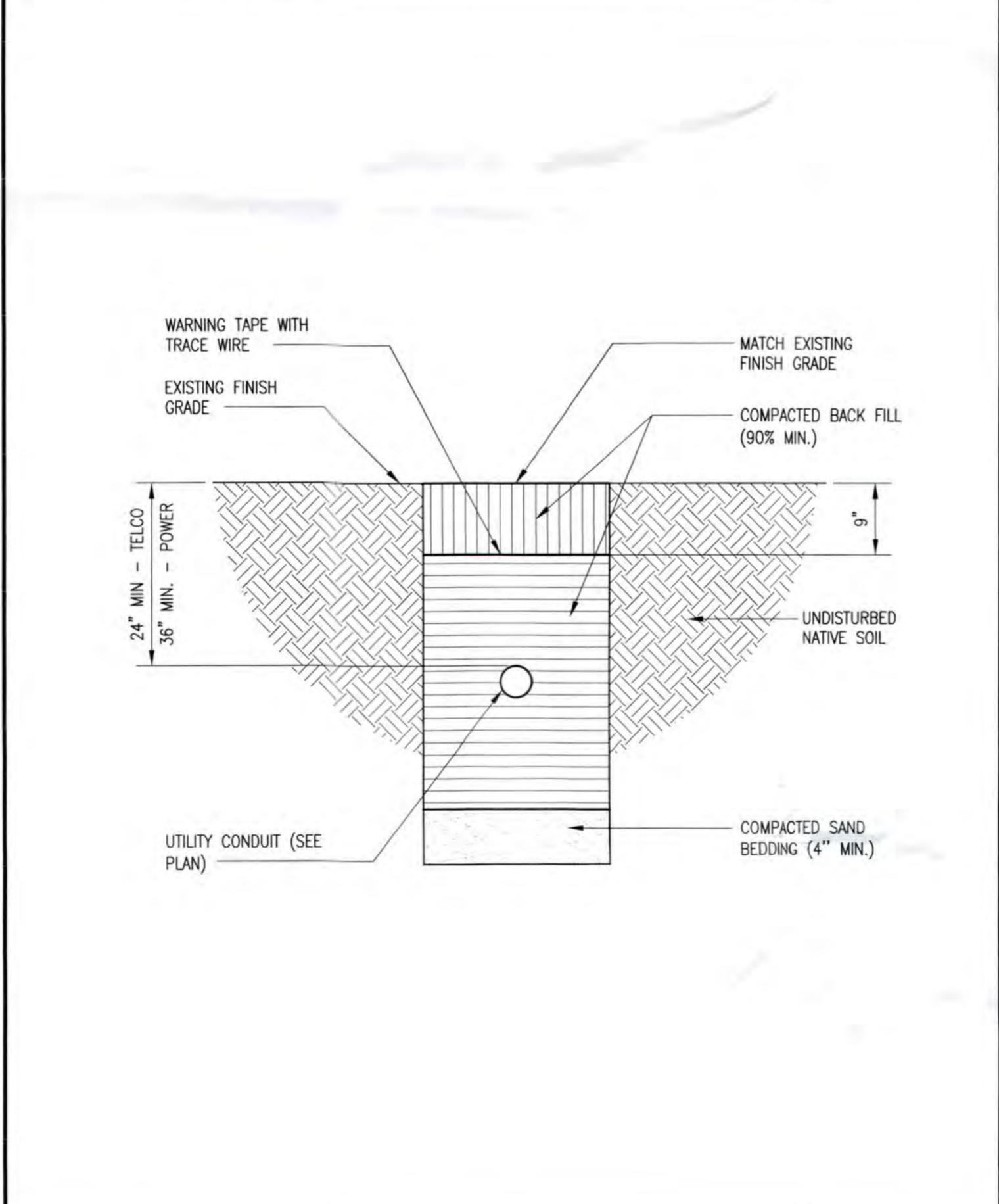
1

PANEL 'A' SCHEDULE										
120/208V, 1 PHASE, 3W					INTERSECT PANEL #PTLC-ATS-3S-12200-CL_ATT					
200A BUS, 42 KAIC					200A MAIN BKR (COMMERCIAL PWR) 42 KAIC SERIES RATED					
					UL LISTED SERVICE ENTRANCE EQUIPMENT					
DESCRIPTION	MAIN BREAKER RATING (A) :			SYSTEM VOLTAGE (V) :			DESCRIPTION			
	VA	chc	BKR	L1	L2	POSN				
RECTIFIER #1/2	2100	NC	30	1	2280	2	15	C	180	NETSURE GFI
RECTIFIER #3/4	2100	NC	30	3	2460	4	15	C	360	NETSURE HEATER
RECTIFIER #5/6	2100	NC	30	5	2280	6	20	C	180	GFI
RECTIFIER #7/8	2100	NC	30	7	2200	8	20	C	100	LIGHTING
RECTIFIER #9/10	2100	NC	30	9	2100	10				SPACE
RECTIFIER #11/12	2100	NC	30	11	2100	12				SPACE
SPARE	-	-	30	13	2100	14				SPACE
SPACE	-	-	30	15	2100	16				SPACE
SPACE	-	-	30	17	2100	18				SPACE
SPACE	-	-	30	19	2100	20				SPACE
SPACE	-	-	30	21	2100	22				SPACE
SPACE	-	-	30	23	2100	24				SPACE
SPACE	-	-	30	25	-	26				SPACE
SPACE	-	-	30	27	480	28	20	NC	480	GEN BAT CHARGER
SPACE	-	-	30	29	600	30	20	NC	600	GENERATOR HEATER
PHASE TOTALS (VA):		13560	13540							
CURRENT PER PHASE (A):		113.0	112.8	Amperes/phase cannot exceed main breaker rating						
PANEL TOTAL (VA):		27,100	Legend: c = continuous, nc = non-continuous							
PANEL CAPACITY (kVA):		48.0	CONNECTED LOAD (kVA): 27.1							
PANEL LOADING (100% non-cont. load) (kVA):		26.3								
PANEL LOADING (125% continuous load) (kVA):		1.0								
PANEL LOADING (TOTAL) (kVA):		27.3								
SPARE CAPACITY (kVA):		20.7								

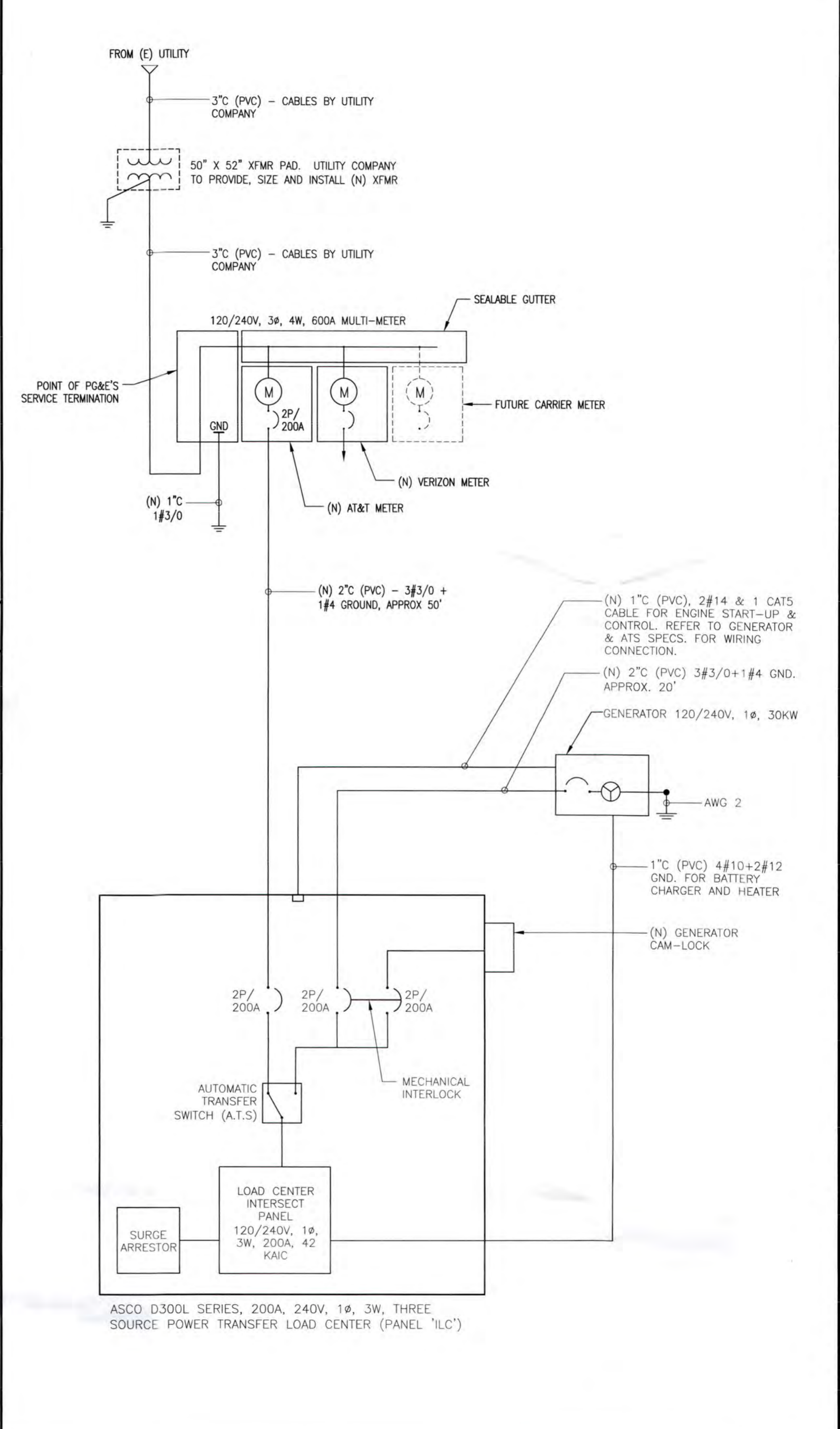
NOTES:
1. MAIN (COMMERCIAL) BREAKER IS SQUARE D # QGL22200 WHICH IS RATED 65 KAIC. BRANCH BREAKERS SHALL BE SQUARE D TYPE QO RATED 10 KAIC. ALL BREAKERS PROVIDED BY GC.
2. REDUNDANT A/Cs INTERLOCKED WITH LEAD-LAG CONTROLLER TO PREVENT SIMULTANEOUS OPERATION OF BOTH SYSTEMS. (OMIT FROM OPERATING LOAD)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



TRENCH DETAIL NO SCALE 2



TRENCH DETAIL NO SCALE 3



PRELIM SINGLE LINE DIAGRAM NO SCALE 1

PANEL SCHEDULE NO SCALE 4

CONSULTANT

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APPLICANT

at&t
mobility corp.

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MARCH 23, 2023
KAREN L. GONZALEZ/cts
PLANNING COMMISSION

SHEET TITLE

PRELIMINARY
ELECTRICAL DESIGN

SHEET

E-1