



Referral Early Consultation

Date: April 22, 2022

To: Distribution List (See Attachment A)

From: Teresa McDonald, Associate Planner
Planning and Community Development

Subject: STAFF APPROVAL APPLICATION NO. PLN2022-0024 – AT&T MOBILITY –
3966 E WHITMORE AVE

Respond By: May 9, 2022

******PLEASE REVIEW REFERRAL PROCESS POLICY******

The Stanislaus County Department of Planning and Community Development is soliciting comments from responsible agencies under the Early Consultation process to determine: a) whether or not the project is subject to CEQA and b) if specific conditions should be placed upon project approval.

Therefore, please contact this office by the response date if you have any comments pertaining to the proposal. Comments made identifying potential impacts should be as specific as possible and should be based on supporting data (e.g., traffic counts, expected pollutant levels, etc.). Your comments should emphasize potential impacts in areas which your agency has expertise and/or jurisdictional responsibilities.

These comments will assist our Department in preparing the conditions for a Staff Approval. Therefore, please list any conditions that you wish to have included as well as any other comments you may have. Please return all comments and/or conditions as soon as possible or no later than the response date referenced above.

Thank you for your cooperation. Please call (209) 525-6330 if you have any questions.

Applicant: Tom Johnson, President of TSJ Consulting, Inc. on behalf of AT&T Mobility

Project Location: 3966 East Whitmore Avenue, at the southwest corner of the Faith Home Road and East Whitmore Avenue intersection, in the Ceres area.

APN: 069-018-007

Williamson Act Contract: N/A

General Plan: Urban Transition

Current Zoning: General Agriculture (A-2-10)

Project Description: Request to establish a wireless communications facility on a 2.39± acre parcel in the General Agriculture (A-2-10) zoning district. This proposal includes the installation of a 106-foot-tall monopole near the western property line, which will include: a 4-foot-tall lightning rod at the top of the monopole, 15 antennas, 18 RRUS, and four (4) surge suppressors at the 102-foot centerline. Proposed ground equipment includes: two utility cabinets with H-Frame, a walk-in equipment cabinet, and a 30kw diesel generator with a 191-gallon backup fuel tank. The project lease area will be 450± square feet in size and enclosed by an 8-foot-tall chain-link fence with vinyl slats. Two 10-foot-wide access and utility easements are proposed to provide access to both Whitmore Avenue and Faith Home Road. The facility will be generally unstaffed, however, up to two technicians are anticipated to access the site one day a month for routine maintenance. The proposed wireless communications facility meets the County's siting standards as specified in

Chapter 21.91 of the County Zoning Ordinance for communication facilities. The site is currently improved with a single-family dwelling. The project site is within the LAFCO adopted Sphere of Influence for the City of Ceres.

Full document with attachments available for viewing at:
<http://www.stancounty.com/planning/pl/act-projects.shtm>



DEPARTMENT OF PLANNING AND COMMUNITY DEVELOPMENT

1010 10TH Street, Suite 3400, Modesto, CA 95354
Planning Phone: (209) 525-6330 Fax: (209) 525-5911
Building Phone: (209) 525-6557 Fax: (209) 525-7759

STAFF APPROVAL APPLICATION NO. PLN2022-0024 – AT&T MOBILITY – 3966 E WHITMORE AVE
Attachment A

Distribution List

X	CROP DUSTERS	X	STAN CO ALUC
X	CITY OF: CERES	X	STAN CO BUILDING PERMITS DIVISION
X	FIRE PROTECTION DIST: CERES	X	STAN CO ERC
X	IRRIGATION DIST: TURLOCK	X	STAN CO HAZARDOUS MATERIALS
X	STAN CO PUBLIC WORKS	X	STAN CO SUPERVISOR DIST 5: C. CONDIT
X	STANISLAUS LAFCO	X	STANISLAUS FIRE PREVENTION BUREAU
X	SURROUNDING LAND OWNERS	X	MOSQUITO ABATEMENT DISTRICT: TURLOCK
X	PACIFIC GAS & ELECTRIC	X	MODESTO CITY-COUNTY AIRPORT






AT&T MOBILITY

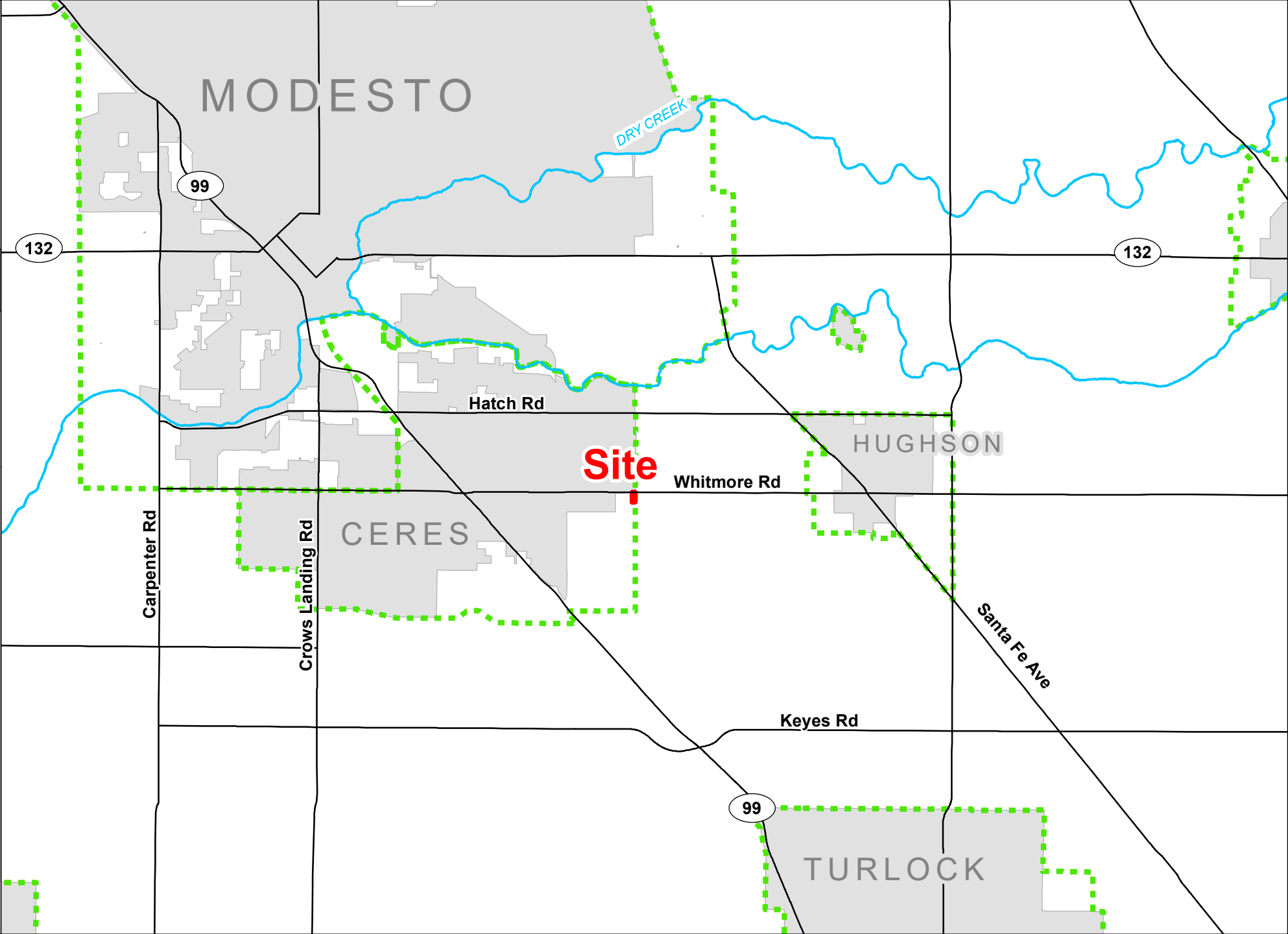
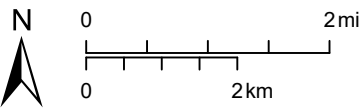
SAA

PLN2022-0024

AREA MAP

LEGEND

-  Project Site
-  Sphere of Influence
-  City
-  Road
-  River



AT&T MOBILITY

SAA

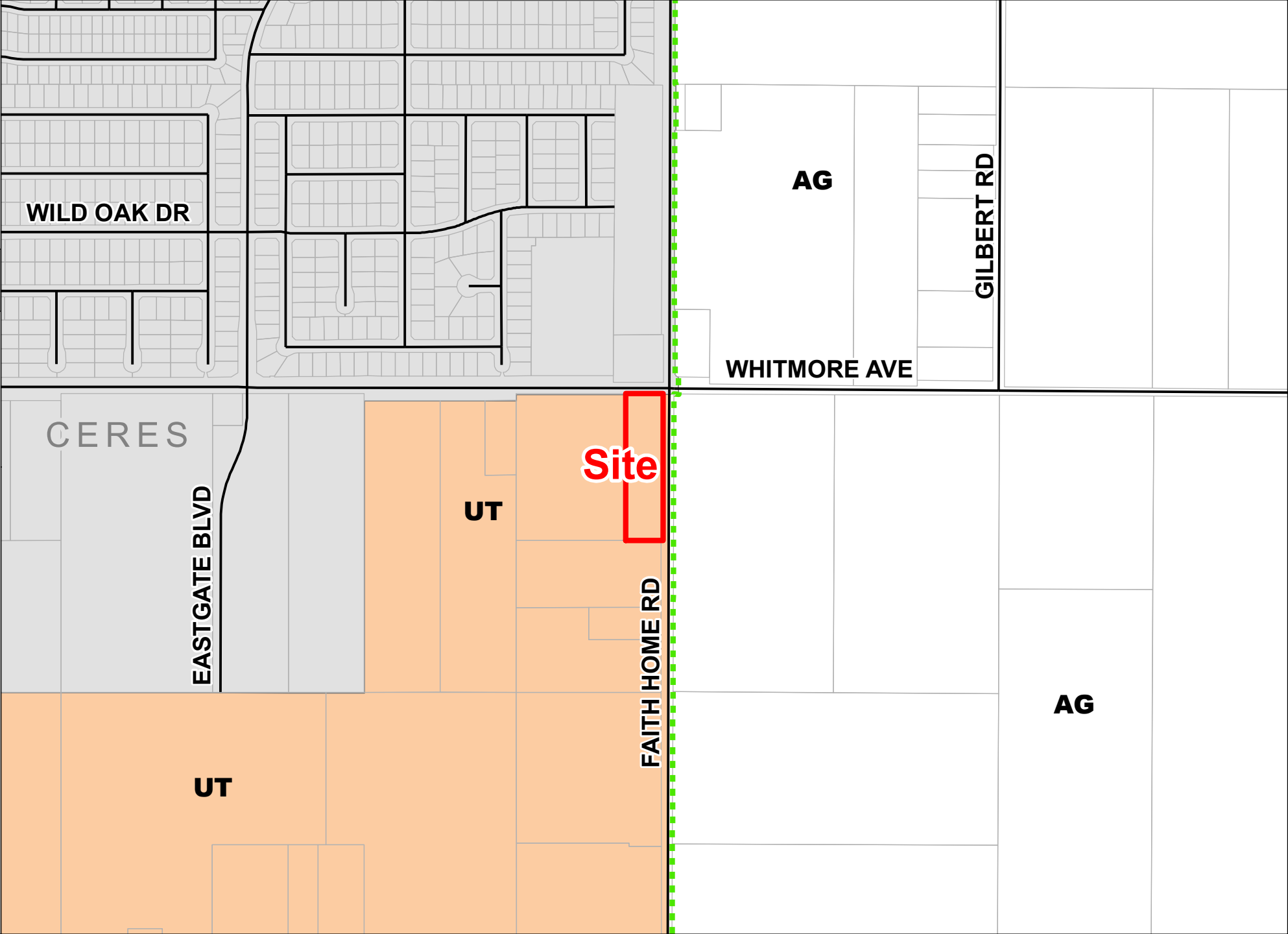
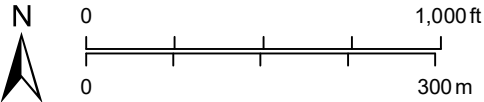
PLN2022-0024

GENERAL PLAN MAP

LEGEND

- Project Site
- Sphere of Influence
- City of
- Parcel
- Road
- General Plan

Agriculture
-
- Urban Transition



AT&T MOBILITY

SAA

PLN2022-0024

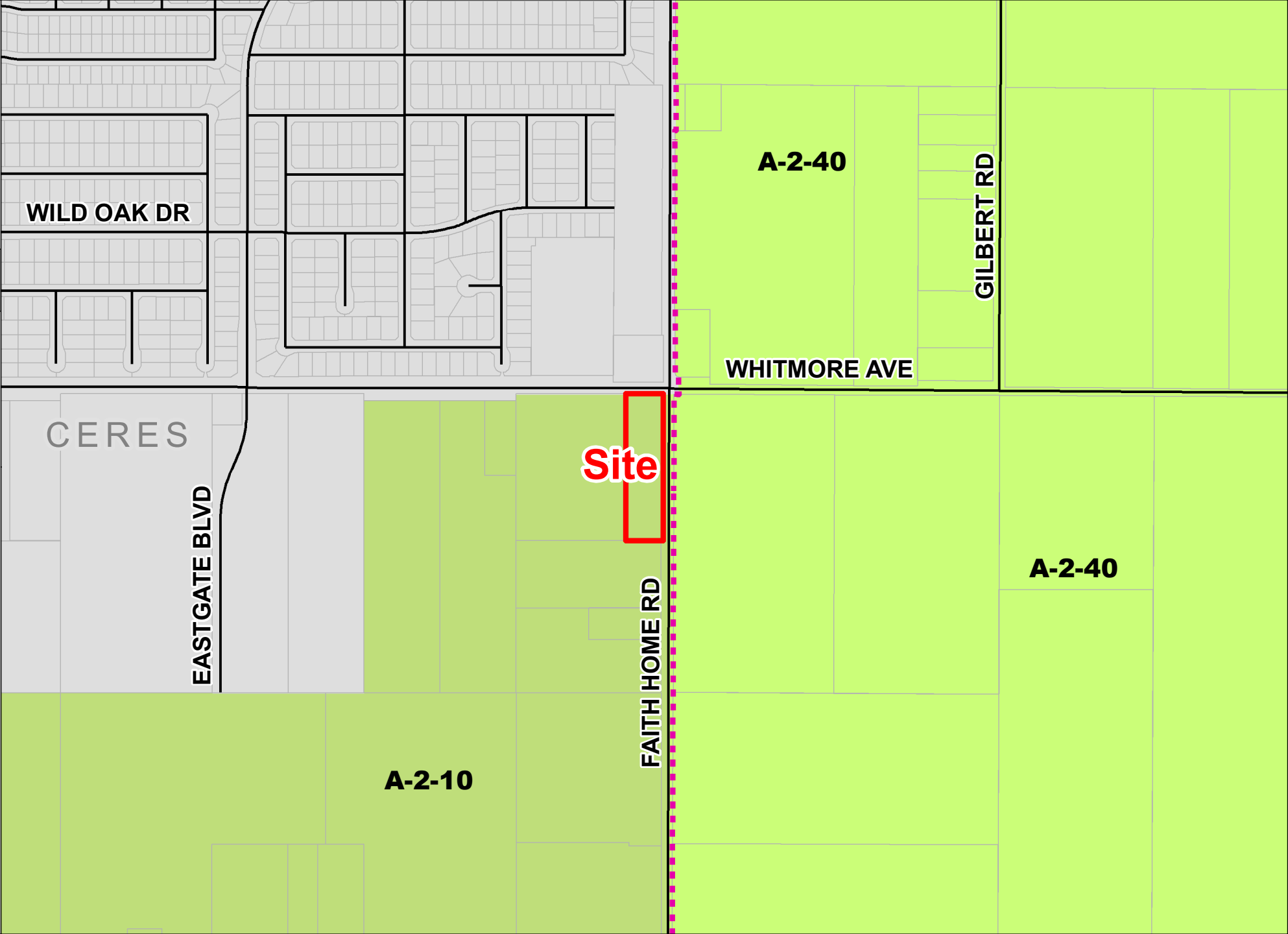
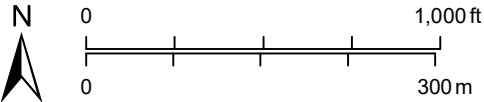
ZONING MAP

LEGEND

- Project Site
- Sphere of Influence
- City of
- Parcel
- Road
- Zoning Designation

General Agriculture 10 Acre

General Agriculture 40 Acre








AT&T MOBILITY

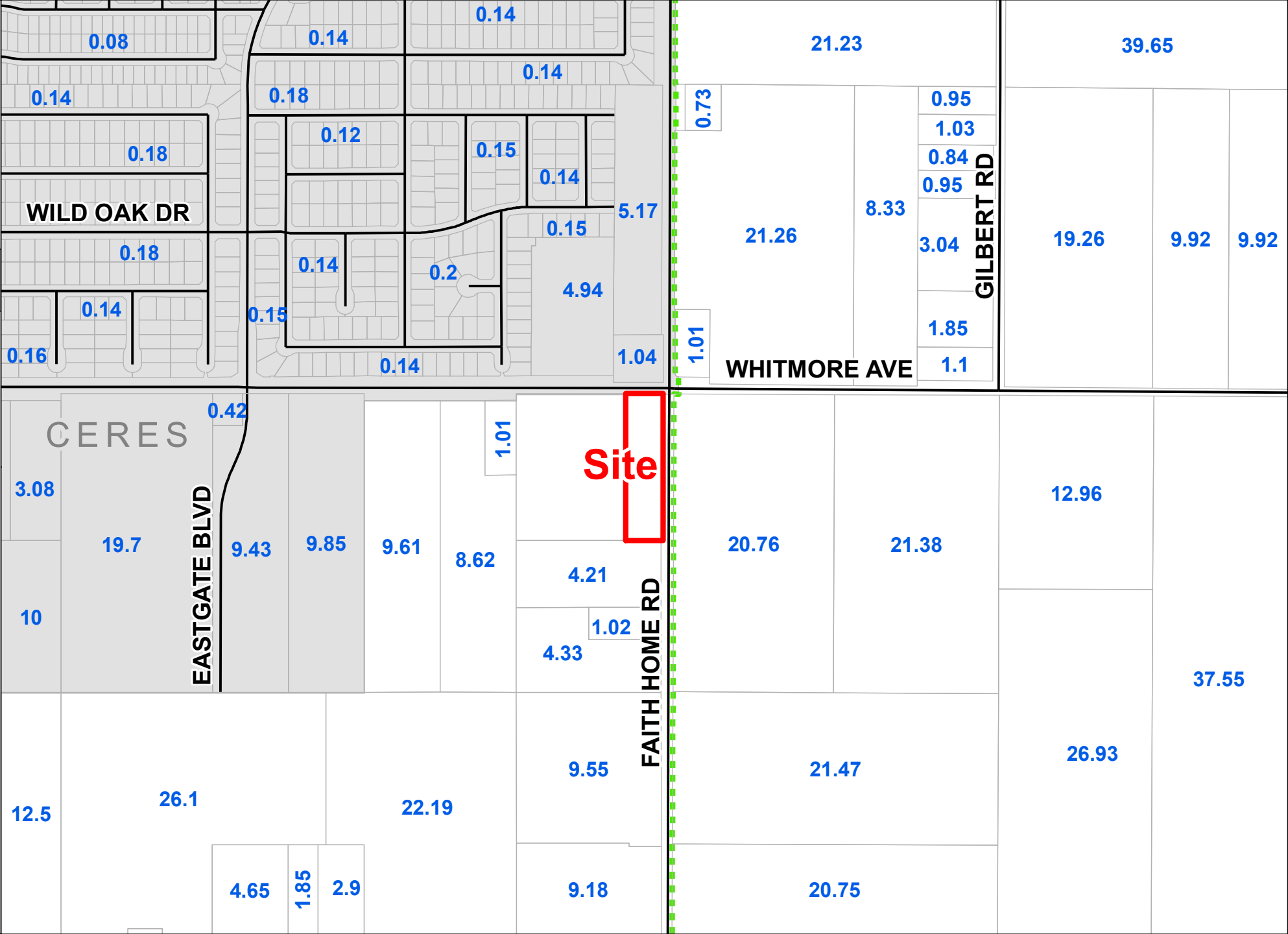
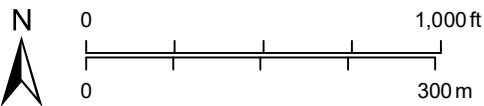
SAA

PLN2022-0024

ACREAGE MAP

LEGEND

-  Project Site
-  Sphere of Influence
-  City of
-  Parcel/Acres
-  Road



AT&T MOBILITY

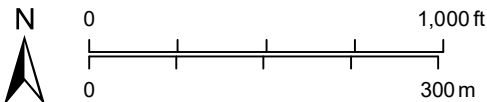
SAA

PLN2022-0024

2021 AERIAL AREA MAP

LEGEND

-  Project Site
-  Sphere of Influence
-  Road





AT&T MOBILITY

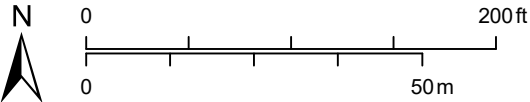
SAA

PLN2022-0024

2021 AERIAL SITE MAP

LEGEND

-  Project Site
-  Road





CVL01187 - WHITMORE AVENUE

USID: 312496; FA:15541191

PACE: MRSFR079467 / PTN: 3701A0YPK7

3966 E. WHITMORE AVE
CERES, CA 95307

SITE INFORMATION

SITE ADDRESS: 3966 E. WHITMORE AVE.
CERES, CA 95307

LATITUDE (NAD 83): 37° 35' 39.99" N
37.594442°

LONGITUDE (NAD 83): 120° 55' 15.48" W
-120.920967°

GROUND ELEVATION: 102.3' AMSL

JURISDICTION: STANISLAUS COUNTY

PROPERTY OWNER: BYRON S. ROSSBERG & DAWN M. RAMSEY
3966 E. WHITMORE AVE.
CERES, CA 95307

ZONING: -

PARCEL/MAP NUMBER: 069-018-007-000

STRUCTURE TYPE: MONOPOLE

STRUCTURE HEIGHT: 120'-0" (AGL)

POWER SUPPLIER: PG&E

TELCO SUPPLIER: AT&T

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: BEN FOUST
PHONE: (925) 266-1882
EMAIL: bfaust@qualtekwireless.com

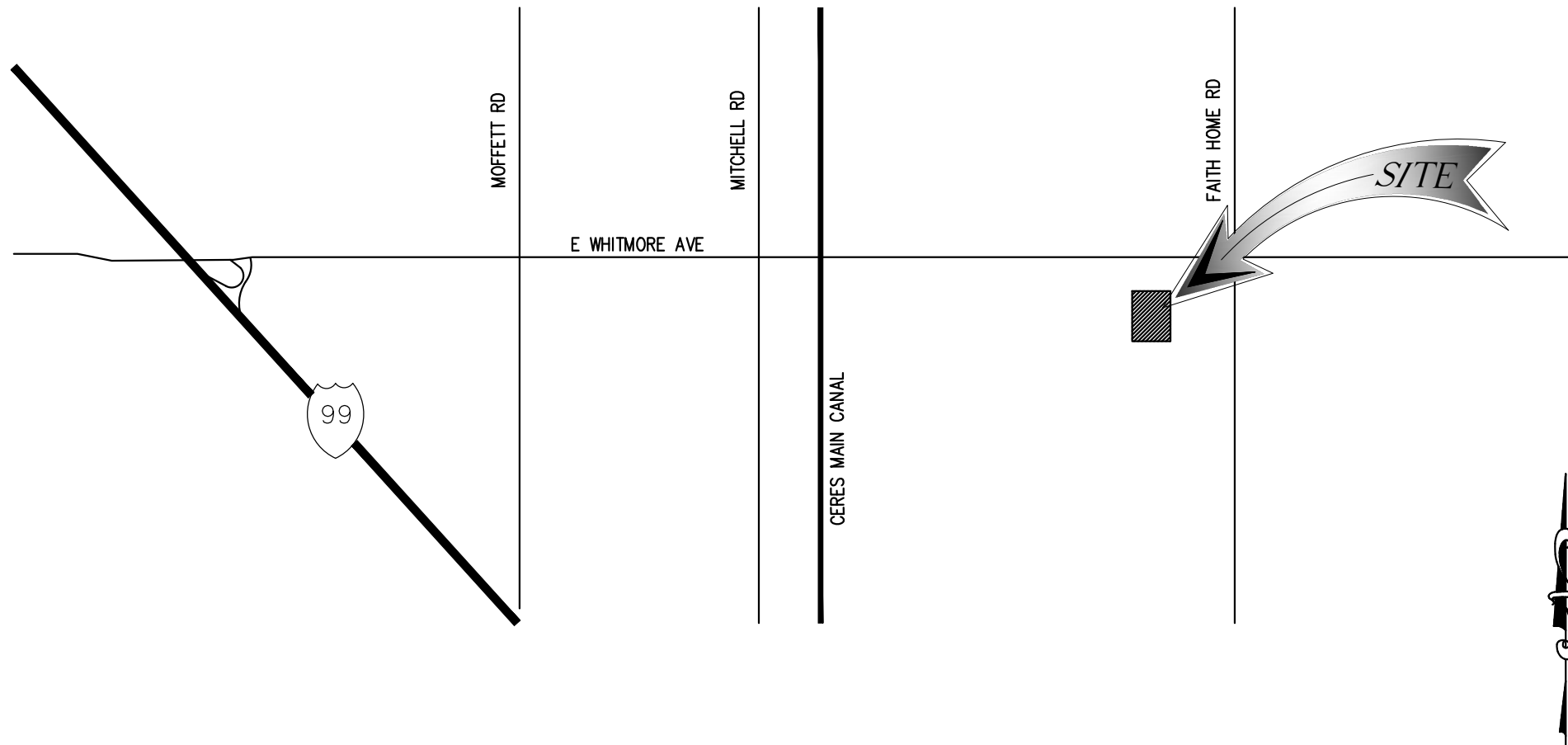
RF ENGINEER: AT&T MOBILITY
5001 EXECUTIVE PARKWAY
SAN RAMON, CA 94583
CONTACT: JAKE BALUYUT
PHONE: (559) 454-5694
EMAIL: jb7714@att.com

CONSTRUCTION MANAGER: QUALTEK WIRELESS
575 LENNON LANE, SUITE 125
WALNUT CREEK, CA 94598
CONTACT: JOSHUA ROBERSON
PHONE: (949) 505-4225
EMAIL: jroberson@qualtekwireless.com

SITE ACQ/ZONING MANAGER: TSJ CONSULTING INC.
27128 PASEO ESPADA #A-1521
SAN JUAN CAPISTRANO, CA. 92675
CONTACT: TOM JOHNSON
PHONE: (925) 785-3727
EMAIL: tom@tsjconsultinginc.com

A/E MANAGER: TSJ CONSULTING INC.
27128 PASEO ESPADA #A-1521
SAN JUAN CAPISTRANO, CA. 92675
CONTACT: DAN CONNELL
PHONE: (949) 306-4644
EMAIL: dan@tsjconsultinginc.com

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 RIGHT ONTO CAMINO RAMON
 4. USE THE RIGHT 2 LANES TO TURN RIGHT ONTO BOLLINGER CANYON RD
 5. USE THE RIGHT LANE TO MERGE ONTO I-680 S VIA THE RAMP TO SAN JOSE
 6. MERGE ONTO I-680 S
 7. USE THE RIGHT 2 LANES TO TAKE EXIT 30A TO MERGE ONTO I-580 E TOWARD STOCKTON
 8. KEEP LEFT TO CONTINUE ON I-205 E, FOLLOW SIGNS FOR INTERSTATE 205/TRACY/STOCKTON
 9. MERGE ONTO I-5 N
 10. USE THE RIGHT 2 LANES TO TAKE EXIT 461 FOR CA-120 TOWARD MANTECA/SONORA
 11. CONTINUE ONTO CA-120 E
 12. TAKE EXIT 6 TO MERGE ONTO CA-99 S TOWARD MODESTO/FRESNO
 13. KEEP LEFT TO STAY ON CA-99 S
 14. TAKE EXIT 222 TOWARD WHITMORE AVE
 15. USE THE LEFT LANE TO KEEP RIGHT AT THE FORK, CONTINUE ON NORTH ST AND FOLLOW SIGNS FOR BUSINESS DIST/HATFIELD STATE PK
 16. TURN LEFT ONTO 2ND ST
 17. TURN RIGHT ONTO E WHITMORE AVE
 18. DESTINATION WILL BE 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. 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

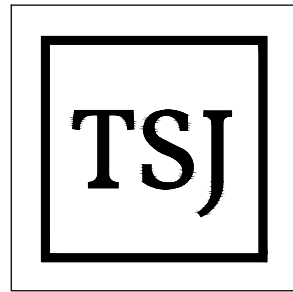
THIS PROJECT CONSISTS OF THE INSTALLATION OF A NEW AT&T WIRELESS ANTENNA FACILITY:

- SCOPE OF WORK:
- EQUIPMENT AREA**
- INSTALL NEW CWIC CABINET AND 30KW STANDBY BACK UP GENERATOR
 - INSTALL NEW FIBER AND DC CABLES TO NEW ANTENNAS
 - INSTALL ASSOCIATED UTILITY CABINETS AND H-FRAME
 - INSTALL (1) NEW GPS ANTENNA
 - INSTALL 15'X30' CHAIN LINK W/ VINYL SLATS EQUIPMENT ENCLOSURE
 - INSTALL 120' TALL MONOPOLE
 - INSTALL (1) SPD BOX VS. 4 FIBER WINDER BOXES AND 4 FIBER STORAGE TRAYS
 - INSTALL ICE BRIDGE
 - INSTALL (3) 6630 EBBUS
 - INSTALL (1) 6648 EBBU
 - INSTALL (16) RECTIFIERS
 - INSTALL (8) 180AH BATTERIES
 - INSTALL NETSURE 7100 DCCP

- ANTENNA AREA**
- INSTALL (1) NEW 106' TALL MONOPOLE
 - INSTALL (15) NEW PANEL ANTENNAS
 - INSTALL (18) NEW RRUS
 - INSTALL (4) NEW DC-9 SURGE PROTECTORS WITH (3) DC TRUNKS AND (1) FIBER TRUNK PER SECTOR
 - INSTALL (1) VFA12-M3-WLL SECTOR FRAME
 - INSTALL (1) NEW 4' TALL LIGHTNING ROD

LEASE AREA:
EQUIPMENT AND ANTENNA AREA: 530 SF

CONSULTANT



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

APPLICANT



SITE INFORMATION

CVL01187

WHITMORE AVENUE

3966 E. WHITMORE AVE.
CERES, CA 95307

DESIGN RECORD

REVISIONS

REV	DATE	DESCRIPTION	BY
4	04/18/22	100% ZD	DC
3	04/14/22	100% ZD	DC
2	03/25/22	100% ZD	DC
1	12/24/21	100% ZD	DC
0	12/02/21	90% ZD	LE

PROFESSIONAL STAMP

SHEET TITLE

TITLE SHEET

SHEET

T-1

NOTES

APN: 069-018-007-000
OWNER: BYRON S. ROSSBERG & DAWN M. RAMSEY

THIS DRAWING DOES NOT REPRESENT A BOUNDARY SURVEY OF ANY PARCEL OF LAND, NOR DOES IT IMPLY OR INFER THAT A BOUNDARY SURVEY WAS PERFORMED. THIS IS A SPECIALIZED TOPOGRAPHIC MAP WITH PROPERTY AND EASEMENTS BEING A GRAPHIC DEPICTION BASED ON INFORMATION GATHERED FROM VARIOUS SOURCES OF RECORD AND AVAILABLE MONUMENTATION. PROPERTY LINES AND LINES OF TITLE WERE NEITHER INVESTIGATED NOR SURVEYED AND SHALL BE CONSIDERED APPROXIMATE ONLY. NO PROPERTY MONUMENTS WERE SET.

THE EASEMENTS (IF ANY) THAT APPEAR ON THIS MAP HAVE BEEN PLOTTED BASED SOLELY ON INFORMATION CONTAINED IN THE REPORT OF TITLE BY: FIDELITY NATIONAL TITLE INSURANCE COMPANY NO. 35723728 DATED OCTOBER 12, 2021, WITHIN SAID TITLE REPORT THERE ARE TEN (10) EXCEPTIONS LISTED, ONE (1) OF WHICH IS EASEMENT AND NONE (0) 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. 060384, PANEL NO. 0560F, DATED AUGUST 24, 2021, SHOWS THAT THE LOCATION OF THIS SITE FALLS WITHIN ZONE 'X' WHICH ONLY HAS A 0.2% ANNUAL FLOOD CHANCE.

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

LAT. 37° 35' 39.99" N NAD 83 (37.594442°)
LONG. 120° 55' 15.48"W NAD 83 (-120.920967°)
ELEV. 102.3' 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.

PARENT PARCEL LEGAL DESCRIPTION:

THE REAL PROPERTY IN THE UNINCORPORATED AREA, COUNTY OF STANISLAUS, STATE OF CALIFORNIA, DESCRIBED AS FOLLOWS:

ALL THAT PORTION OF LOT 1, SMYRNA PARK TRACT, AS PER MAP FILED FEBRUARY 21, 1903 IN VOLUME 1 OF MAPS, PAGE 79, STANISLAUS COUNTY RECORDS, AND MORE PARTICULARLY DESCRIBED AS FOLLOWS:

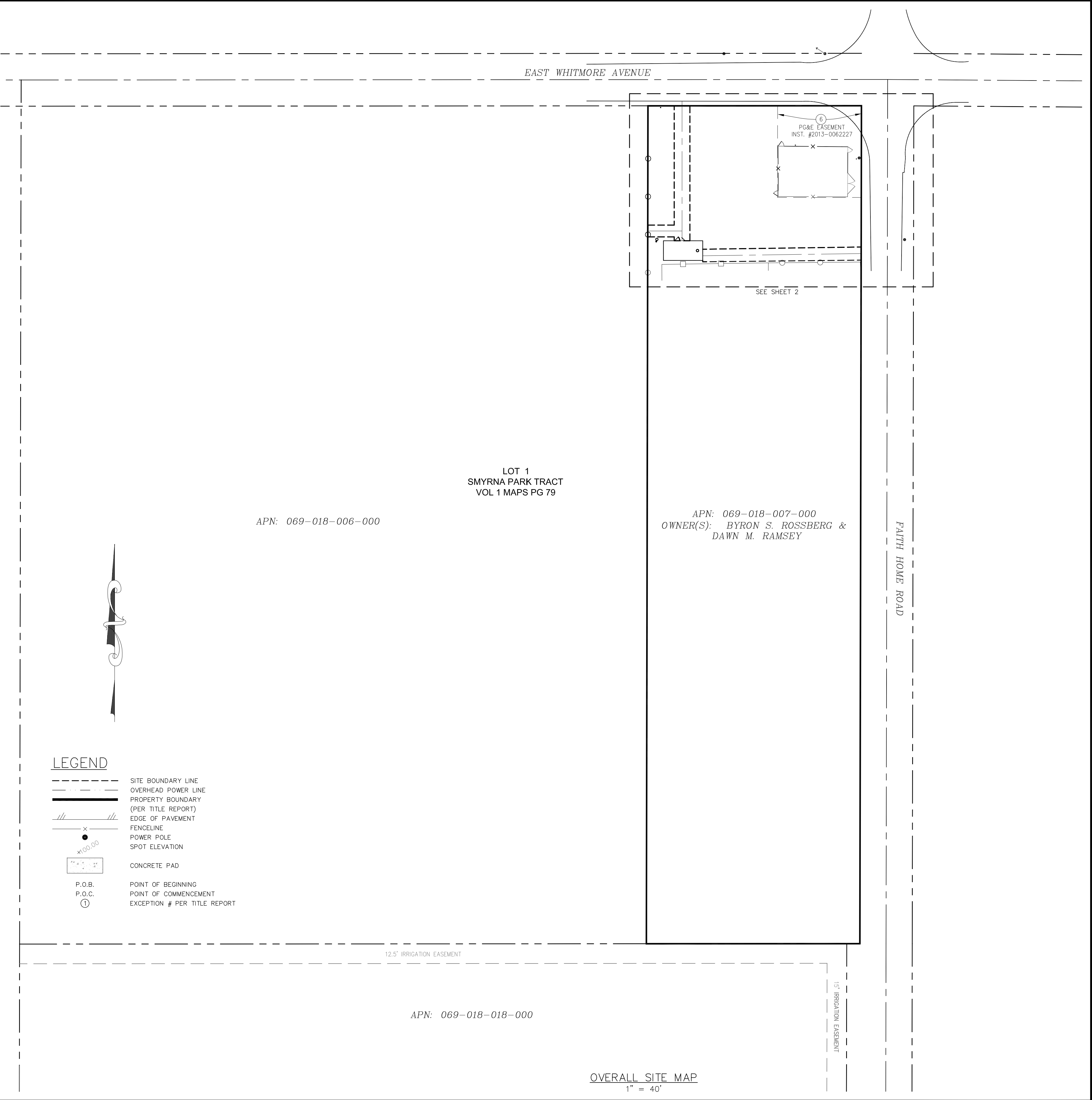
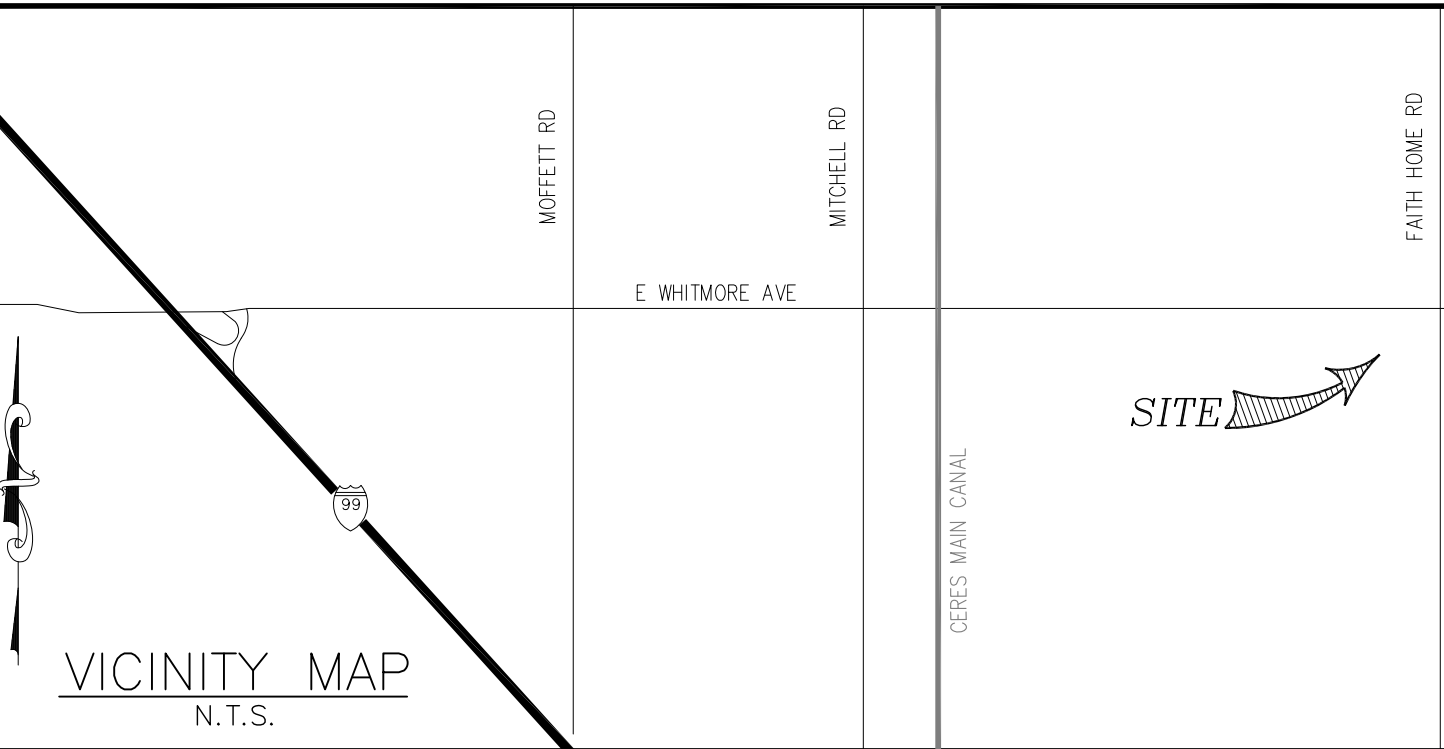
BEGINNING AT A NORTHEAST CORNER OF LOT 1, SAID CORNER BEING THE INTERSECTION OF THE CENTER LINE OF WHITMORE AVENUE WITH THE CENTER LINE OF FAITH HOME ROAD; RUNNING THENCE WEST ALONG THE NORTH LINE OF SAID LOT 1, AND BEING THE CENTER LINE OF SAID WHITMORE AVENUE, A DISTANCE OF 183 FEET; THENCE SOUTH AND PARALLEL TO THE EAST LINE OF SAID LOT 1, A DISTANCE OF 559.9 FEET, MORE OR LESS, TO THE CENTER LINE OF AN EXISTING TURLOCK IRRIGATION DISTRICT PIPE LINE; THENCE EAST AND ALONG THE CENTER LINE OF SAID PIPE LINE OF DISTANCE OF 183 FEET, MORE OR LESS, TO A POINT ON THE EAST LINE OF LOT 1; AND BEING ALSO ON THE CENTER LINE OF SAID FAITH HOME ROAD; THENCE NORTH ALONG LAST MENTIONED LINE, A DISTANCE OF 659.5 FEET, MORE OR LESS, TO THE POINT OF BEGINNING.

AND BEING THE SAME PROPERTY CONVEYED TO BYRON S. ROSSBERG AND DAWN M. RAMSEY FROM CHANA NGOC WONG BY GRANT DEED DATED MAY 8, 2017 AND RECORDED MAY 15, 2017 IN INSTRUMENT NO. 2017-0034641-00.

TAX PARCEL NO. 069-018-007-000

EASEMENT(S) PER TITLE REPORT:

6. EASEMENT DEED IN FAVOR OF PACIFIC GAS AND ELECTRIC COMPANY, A CALIFORNIA CORPORATION SET FORTH IN INSTRUMENT RECORDED ON JULY 22, 2013 IN INSTRUMENT NO. 2013-0062227-00.
>> PLOTTED, AS SHOWN HEREON. <<



ALL DRAWINGS AND WRITTEN MATERIAL CONTAINED HEREIN ARE THE PROPERTY OF THE ARCHITECT/ENGINEER/SURVEYOR AND MAY NOT BE DUPLICATED, USED, OR DISCLOSED WITHOUT THE WRITTEN CONSENT OF THE ARCHITECT/ENGINEER/SURVEYOR.

SPACE RESERVED FOR PROFESSIONAL SEAL

REVISION			
NO.	DESCRIPTION	BY	DATE
1	PRELIM. ISSUE	LA	10/21/21
2	LEASE/ESMNTS	CC	12/07/21
3	TITLE REVIEWED	DL	12/21/21
4			
5			
6			
7			

THIS DRAWING IS COPYRIGHTED AND IS THE SOLE PROPERTY OF THE OWNER. IT IS PRODUCED SOLEY FOR THE USE BY THE OWNER AND IT'S AFFILIATES. REPRODUCTION OR USE OF THIS DRAWING AND/OR THE INFORMATION CONTAINED IN IT IS FORBIDDEN WITHOUT THE WRITTEN PERMISSION OF THE OWNER.

DRAWN BY: LA
CHECKED BY: DA
DATE DRAWN: 10/21/21
SMITHCO JOB #: 56-1284

SITE NAME

CVL01187
WHITMORE
AVE

SITE ADDRESS

3966 E. WHITMORE AVE.
CERES, CA 95307
STANISLAUS COUNTY

SHEET TITLE

SITE SURVEY

FOR EXAMINATION ONLY
SHEET

LEASE AREA DESCRIPTION:

BEING A PORTION OF THE NORTHEAST QUARTER OF SECTION 13, TOWNSHIP 4 SOUTH, RANGE 9 EAST, MOUNT DIABLO MERIDIAN IN STANISLAUS COUNTY, STATE OF CALIFORNIA, MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCING AT THE NORTHEAST CORNER OF SAID SECTION 13, AS SHOWN ON RECORD OF SURVEY, RECORDED MARCH 20, 2018, IN BOOK 35, PAGE 80 OF SURVEYS, STANISLAUS COUNTY RECORDS, THENCE ALONG THE NORTH LINE OF SAID SECTION 13, S 89°58'01" E (SHOWN ON SAID MAP AS N 89°40'06" E), A DISTANCE OF 157.02 FEET; THENCE LEAVING SAID NORTH LINE, S 00°01'59" E, A DISTANCE OF 20.00 FEET TO POINT 'A'; THENCE S 00°00'01" W, A DISTANCE OF 102.98 FEET TO TO POINT OF BEGINNING;

COURSE 1) THENCE N 90°00'00" E, A DISTANCE OF 15.79 FEET;
COURSE 2) THENCE S 00°00'00" E, A DISTANCE OF 11.46 FEET TO POINT 'C';
COURSE 3) THENCE CONTINUING S 00°00'00" E, A DISTANCE OF 3.54 FEET;
COURSE 4) THENCE N 90°00'00" W, A DISTANCE OF 30.00 FEET;
COURSE 5) THENCE N 00°00'00" E, A DISTANCE OF 15.00 FEET;
COURSE 6) THENCE N 90°00'00" E, A DISTANCE OF 14.21 FEET;

CONTAINING 450 SQUARE FEET, MORE OR LESS.

ACCESS EASEMENT DESCRIPTION:

A 12.00 FOOT WIDE STRIP OF LAND OVER AND ACROSS A PORTION OF THE NORTHEAST QUARTER OF SECTION 13, TOWNSHIP 4 SOUTH, RANGE 9 EAST, MOUNT DIABLO MERIDIAN, STATE OF CALIFORNIA, AS SHOWN ON RECORD OF SURVEY, RECORDED MARCH 20, 2018, IN BOOK 35, PAGE 80 OF SURVEYS, STANISLAUS COUNTY RECORDS, LYING 6.00 FEET ON EACH SIDE OF THE FOLLOWING DESCRIBED CENTERLINE:

BEGINNING AT THE HEREINBEFORE DESCRIBED POINT 'A'

COURSE 1) THENCE S 00°00'01" W, A DISTANCE OF 95.53 FEET TO POINT 'B';
COURSE 2) THENCE CONTINUING S 00°00'01" W, A DISTANCE OF 7.45 FEET TO THE TERMINUS OF THIS DESCRIPTION.

TOGETHER WITH A 9.00 FOOT WIDE STRIP OF LAND OVER AND ACROSS A PORTION OF THE NORTHEAST QUARTER OF SECTION 13, TOWNSHIP 4 SOUTH, RANGE 9 EAST, MOUNT DIABLO MERIDIAN, STATE OF CALIFORNIA, AS SHOWN ON RECORD OF SURVEY, RECORDED MARCH 20, 2018, IN BOOK 35, PAGE 80 OF SURVEYS, STANISLAUS COUNTY RECORDS LYING 4.50 FEET ON EACH SIDE OF THE FOLLOWING DESCRIBED CENTERLINE:

BEGINNING AT THE HEREINBEFORE DESCRIBED POINT 'B'

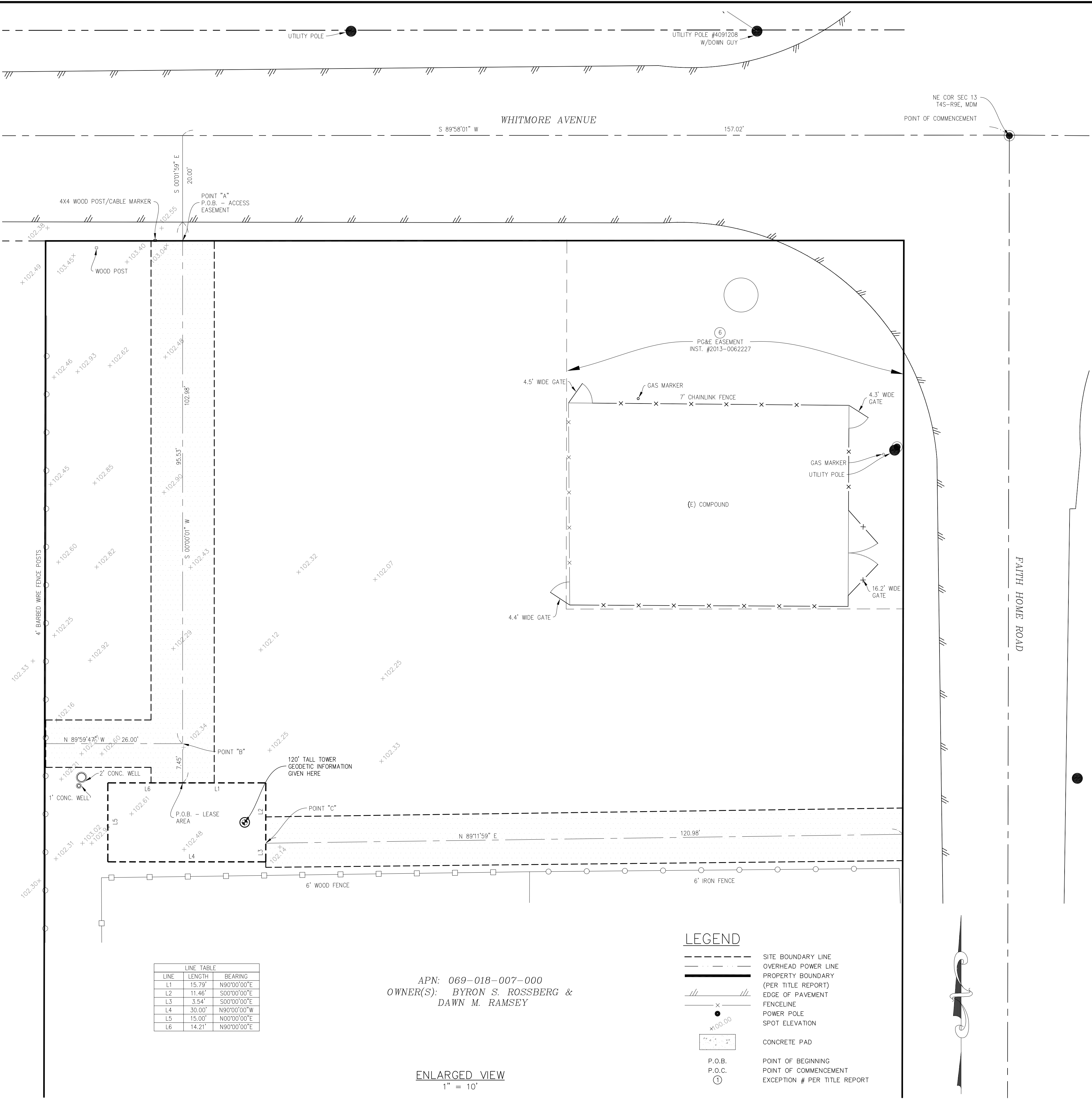
COURSE 1) THENCE N 89°59'47" W, A DISTANCE OF 26.00 FEET TO THE TERMINUS OF THIS DESCRIPTION.

UTILITY EASEMENT DESCRIPTION:

A 10.00 FOOT WIDE STRIP OF LAND OVER AND ACROSS A PORTION OF THE NORTHEAST QUARTER OF SECTION 13, TOWNSHIP 4 SOUTH, RANGE 9 EAST, MOUNT DIABLO MERIDIAN, STATE OF CALIFORNIA, AS SHOWN ON RECORD OF SURVEY, RECORDED MARCH 20, 2018, IN BOOK 35, PAGE 80 OF SURVEYS, STANISLAUS COUNTY RECORDS LYING 5.00 FEET ON EACH SIDE OF THE FOLLOWING DESCRIBED CENTERLINE:

BEGINNING AT THE HEREINBEFORE DESCRIBED POINT 'C';

COURSE 1) THENCE N 89°11'59" E, A DISTANCE OF 120.98 FEET TO THE TERMINUS OF THIS DESCRIPTION.



TSJ CONSULTING
NETWORK DEVELOPMENT

SMITHCO
SURVEYING ENGINEERING

P.O. BOX 61626 BAKERSFIELD, CA 93380
PHONE: (661) 393-1217 FAX: (661) 393-1218

ALL DRAWINGS AND WRITTEN MATERIAL CONTAINED HEREIN ARE THE PROPERTY OF THE ARCHITECT/ENGINEER/SURVEYOR AND MAY NOT BE DUPLICATED, USED, OR DISCLOSED WITHOUT THE WRITTEN CONSENT OF THE ARCHITECT/ENGINEER/SURVEYOR.

SPACE RESERVED FOR PROFESSIONAL SEAL

REVISION			
NO.	DESCRIPTION	BY	DATE
0	PRELIM. ISSUE	LA	10/21/21
1	LEASE/ESMNTS	CC	12/07/21
2	TITLE REVIEWED	DL	12/21/21
3			
4			
5			
6			
7			

THIS DRAWING IS COPYRIGHTED AND IS THE SOLE PROPERTY OF THE OWNER. IT IS PRODUCED SOLEY FOR THE USE BY THE OWNER AND IT'S AFFILIATES. REPRODUCTION OR USE OF THIS DRAWING AND/OR THE INFORMATION CONTAINED IN IT IS FORBIDDEN WITHOUT THE WRITTEN PERMISSION OF THE OWNER.

DRAWN BY: LA
CHECKED BY: DA
DATE DRAWN: 10/21/21
SMITHCO JOB #: 56-1284

SITE NAME

CVL01187
WHITMORE
AVE

SITE ADDRESS

3966 E. WHITMORE AVE.
CERES, CA 95307
STANISLAUS COUNTY

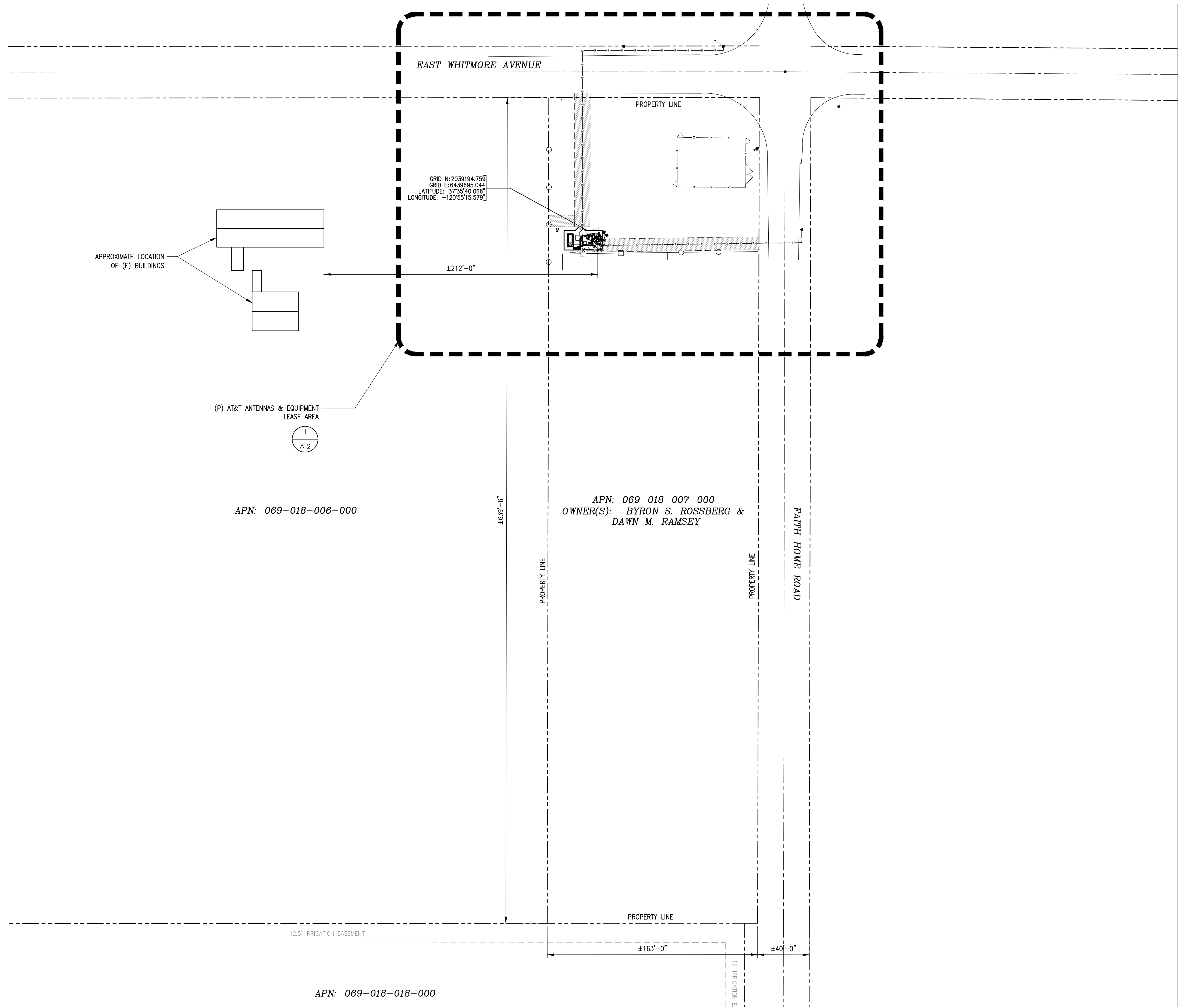
SHEET TITLE

SITE SURVEY

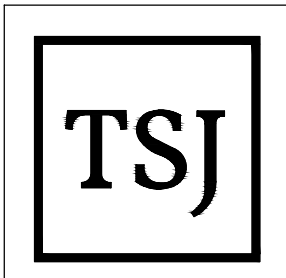
FOR EXAMINATION ONLY

SHEET

C-2



CONSULTANT



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

APPLICANT



SITE INFORMATION

CVL01187

WHITMORE AVENUE

3966 E. WHITMORE AVE.
CERES, CA 95307

DESIGN RECORD

REVISIONS

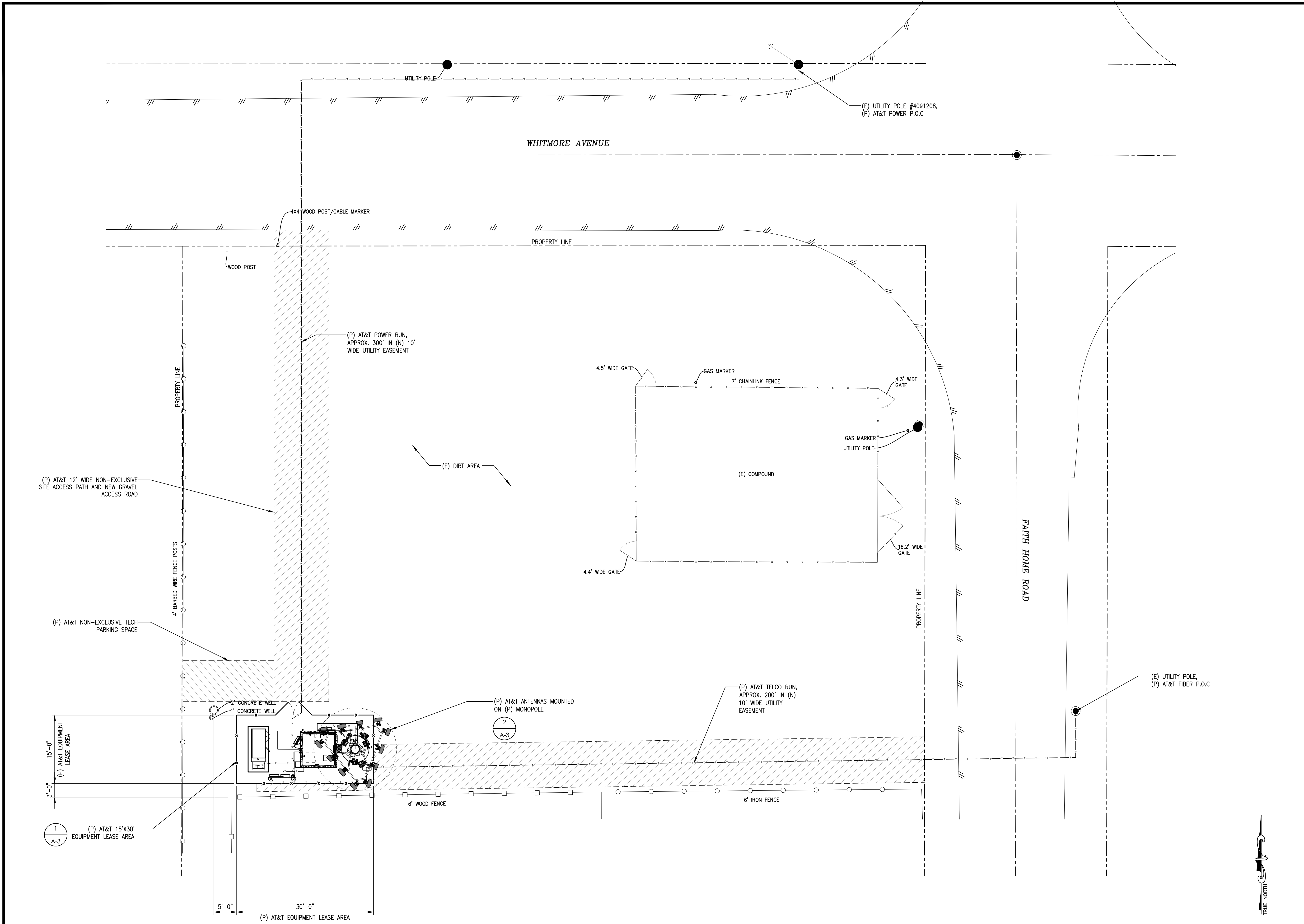
REV	DATE	DESCRIPTION	BY
4	04/18/22	100% ZD	DC
3	04/14/22	100% ZD	DC
2	03/25/22	100% ZD	DC
1	12/24/21	100% ZD	DC
0	12/02/21	90% ZD	LE

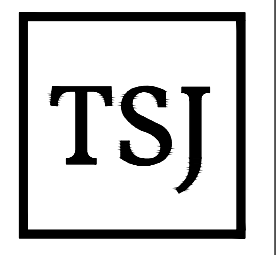

PROFESSIONAL STAMP

SHEET TITLE

SHEET

A-1



CONSULTANT	<div><p>TSJ CONSULTING INC. 27128 PASEO ESPADA, #A-1521 SAN JUAN CAPISTRANO, CA 92675</p></div>																																																
APPLICANT	<div></div>																																																
SITE INFORMATION	<div>CVL01187</div> <div>WHITMORE AVENUE</div> <div>3966 E. WHITMORE AVE. CERES, CA 95307</div>																																																
DESIGN RECORD	<table><tr><th colspan="4">REVISIONS</th></tr><tr><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td></tr><tr><td>4</td><td>04/18/22</td><td>100% ZD</td><td>DC</td></tr><tr><td>3</td><td>04/14/22</td><td>100% ZD</td><td>DC</td></tr><tr><td>2</td><td>03/25/22</td><td>100% ZD</td><td>DC</td></tr><tr><td>1</td><td>12/24/21</td><td>100% ZD</td><td>DC</td></tr><tr><td>0</td><td>12/02/21</td><td>90% ZD</td><td>LE</td></tr><tr><th>REV</th><th>DATE</th><th>DESCRIPTION</th><th>BY</th></tr></table>	REVISIONS																								4	04/18/22	100% ZD	DC	3	04/14/22	100% ZD	DC	2	03/25/22	100% ZD	DC	1	12/24/21	100% ZD	DC	0	12/02/21	90% ZD	LE	REV	DATE	DESCRIPTION	BY
REVISIONS																																																	
4	04/18/22	100% ZD	DC																																														
3	04/14/22	100% ZD	DC																																														
2	03/25/22	100% ZD	DC																																														
1	12/24/21	100% ZD	DC																																														
0	12/02/21	90% ZD	LE																																														
REV	DATE	DESCRIPTION	BY																																														
PROFESSIONAL STAMP																																																	
SHEET TITLE	ENLARGED SITE PLAN																																																
SHEET	A-2																																																

CONDUIT KEYNOTES

- ① (P) 2" INCOMING AT&T FIBER RUN, APPROX. 200'
- ② (P) 4" INCOMING AT&T POWER RUN, APPROX. 300'
- ③ (P) 2" POWER CONDUIT FROM CWIC TO METER
- ④ (P) 2" POWER CONDUIT FROM CWIC TO GENERATOR
- ⑤ (P) 4" FIBER CONDUIT FROM CWIC TO FIBER CABINET

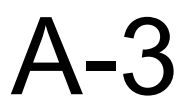
Site Plan Details:

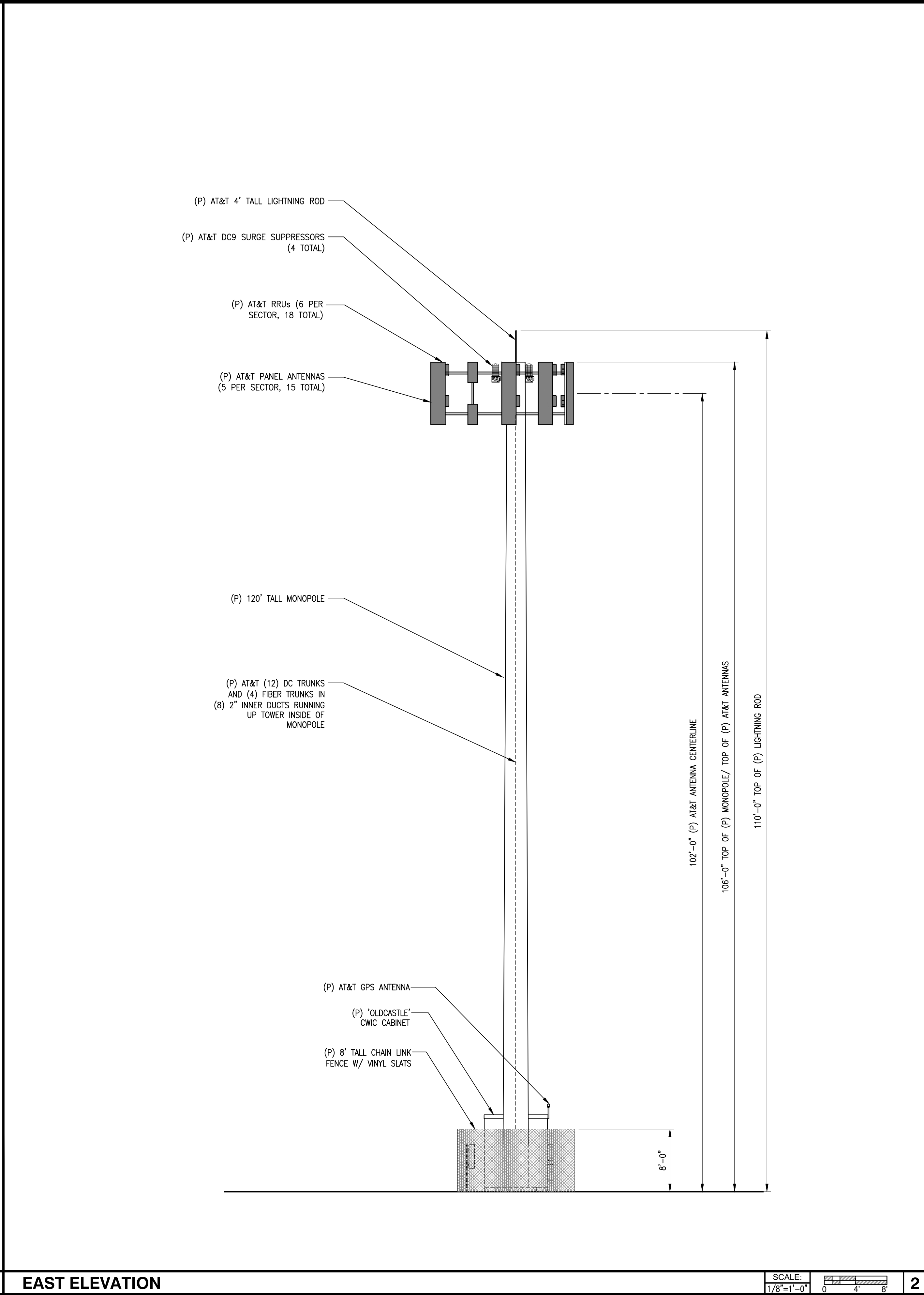
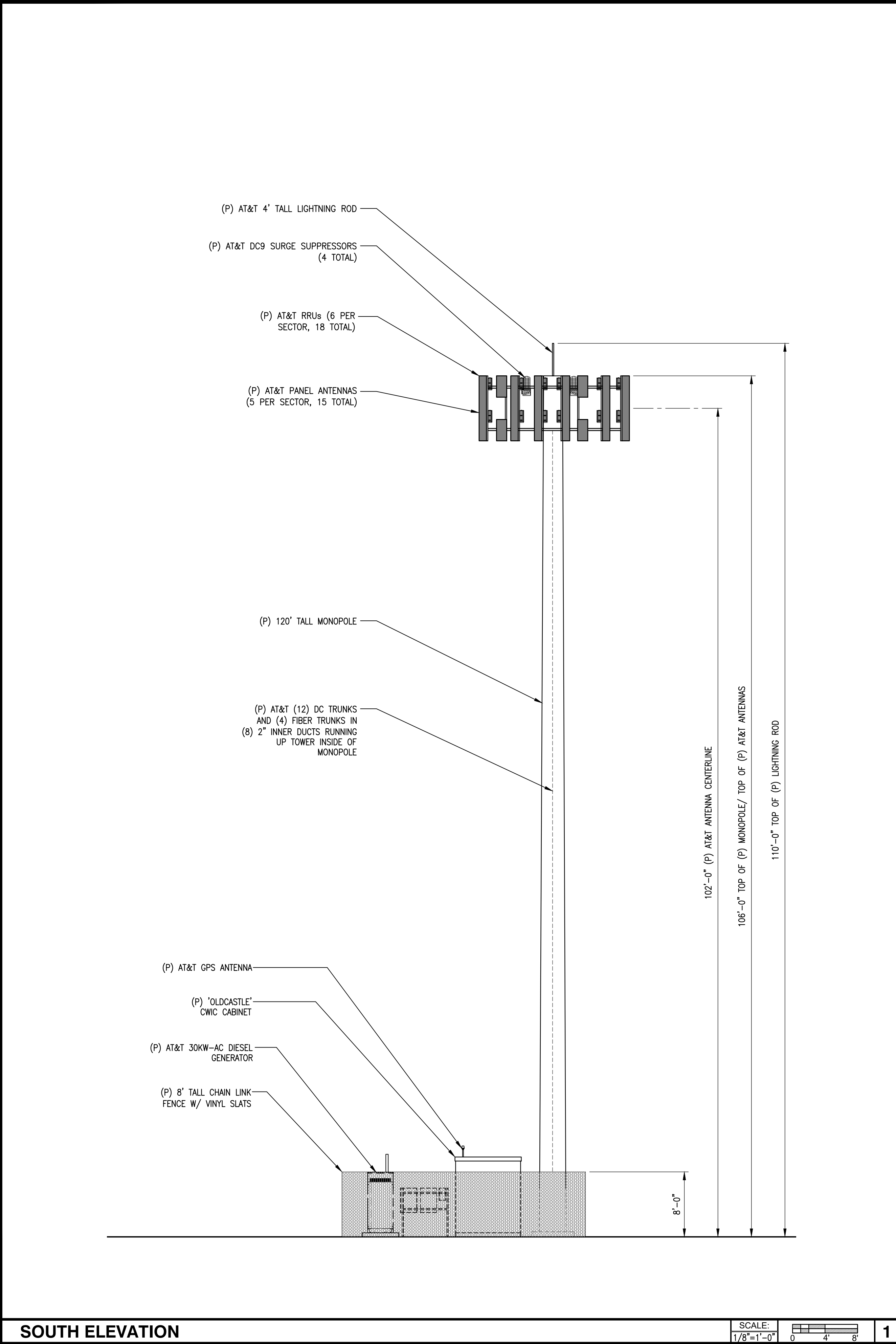
- Dimensions:** 5'-0" (top left), 2'-6" (left), 2'-6" (bottom left), 4'-6" (bottom left), 2'-0" (bottom left), 5'-0" (bottom left).
- Equipment and Features:**
 - (E) 2' CONCRETE WELL
 - (E) 1' CONCRETE WELL
 - (P) 8"W DBL. CHAIN LINK GATES
 - (P) AT&T GPS ANTENNA
 - (P) CONCRETE STOOP
 - (P) SPD BOX MOUNTED TO EXTERIOR OF CWIC
 - (P) AT&T ANTENNA LEASE AREA, APPROX. 360 SQ.FT.
 - (P) 15' LONG AT&T CABLE ICE BRIDGE WITH FIBER FIBER MANAGEMENT BOXES AS NEEDED
- Other Labels:** (E) DIRT AREA


3

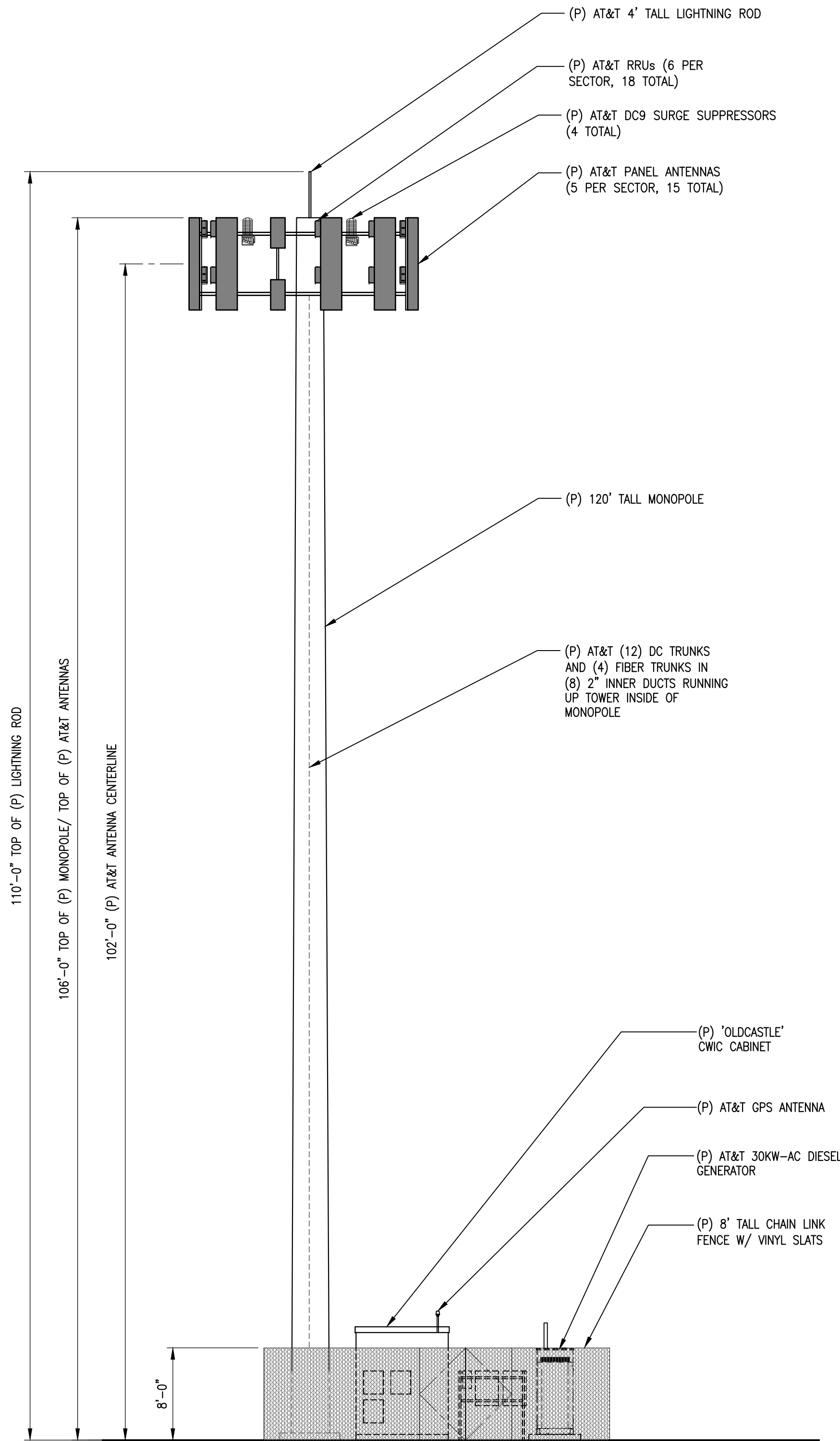


SHEET





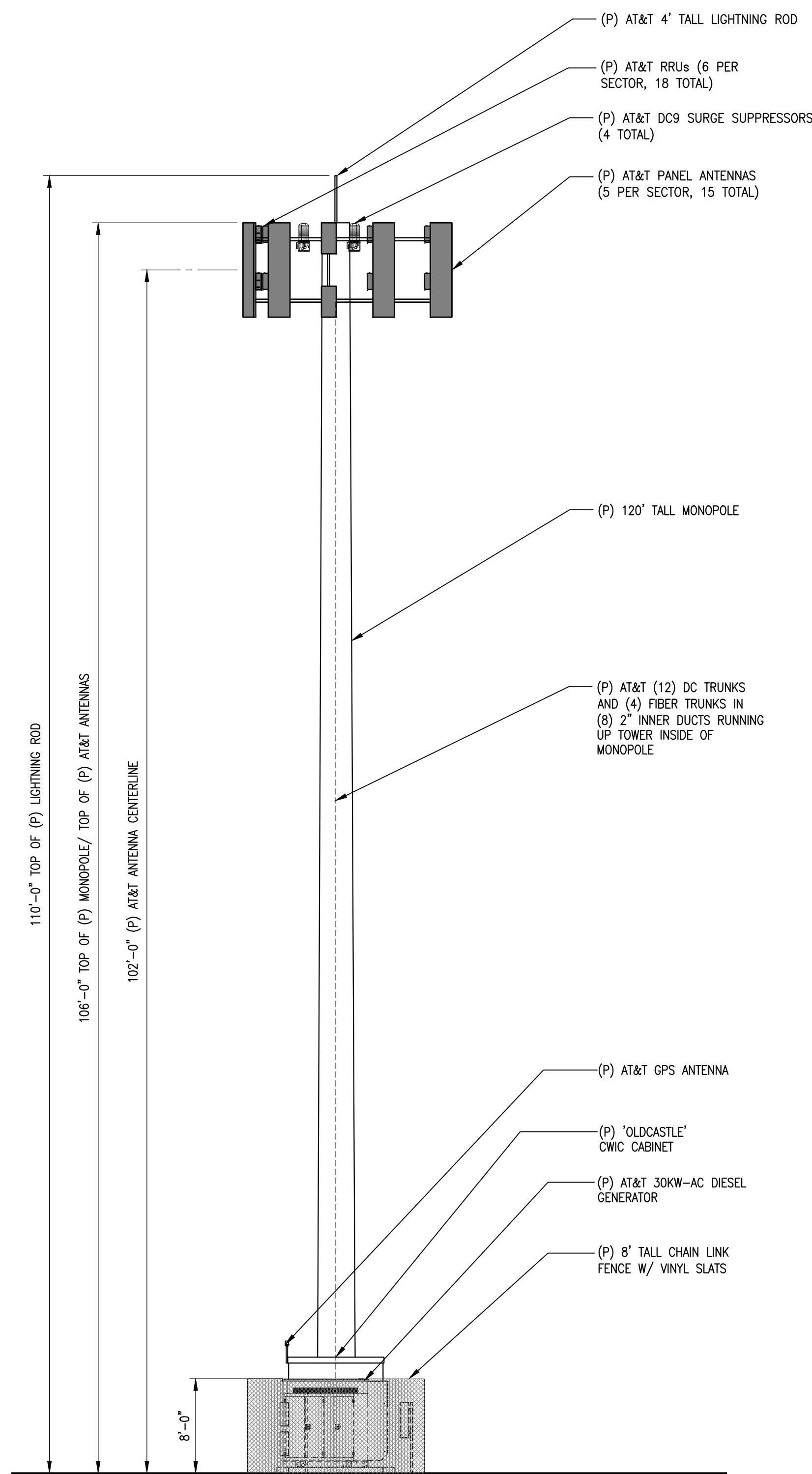
CONSULTANT	<div>TSJ</div> <div>TSJ CONSULTING INC. 27128 PASEO ESPADA, #A-1521 SAN JUAN CAPISTRANO, CA 92675</div>																												
APPLICANT	<div> at&t mobility corp.</div>																												
SITE INFORMATION	<div>CVL01187</div> <div>WHITMORE AVENUE</div> <div>3966 E. WHITMORE AVE. CERES, CA 95307</div>																												
DESIGN RECORD	<table><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>4</td><td>04/18/22</td><td>100% ZD</td><td>DC</td></tr><tr><td>3</td><td>04/14/22</td><td>100% ZD</td><td>DC</td></tr><tr><td>2</td><td>03/25/22</td><td>100% ZD</td><td>DC</td></tr><tr><td>1</td><td>12/24/21</td><td>100% ZD</td><td>DC</td></tr><tr><td>0</td><td>12/02/21</td><td>90% ZD</td><td>LE</td></tr></tbody></table>	REVISIONS				REV	DATE	DESCRIPTION	BY	4	04/18/22	100% ZD	DC	3	04/14/22	100% ZD	DC	2	03/25/22	100% ZD	DC	1	12/24/21	100% ZD	DC	0	12/02/21	90% ZD	LE
REVISIONS																													
REV	DATE	DESCRIPTION	BY																										
4	04/18/22	100% ZD	DC																										
3	04/14/22	100% ZD	DC																										
2	03/25/22	100% ZD	DC																										
1	12/24/21	100% ZD	DC																										
0	12/02/21	90% ZD	LE																										
PROFESSIONAL STAMP																													
SHEET TITLE	ELEVATIONS																												
SHEET	A-4																												



NORTH ELEVATION

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

1

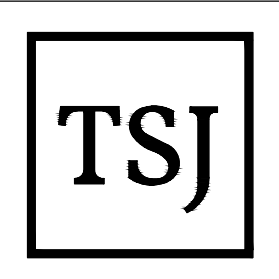


WEST ELEVATION

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

2

CONSULTANT



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

APPLICANT



SITE INFORMATION

CVL01187

WHITMORE AVENUE

3966 E. WHITMORE AVE.
CERES, CA 95307

DESIGN RECORD

REVISIONS

REV	DATE	DESCRIPTION	BY
4	04/18/22	100% ZD	DC
3	04/14/22	100% ZD	DC
2	03/25/22	100% ZD	DC
1	12/24/21	100% ZD	DC
0	12/02/21	90% ZD	LE

PROFESSIONAL STAMP

SHEET TITLE

ELEVATIONS

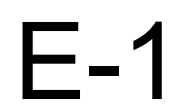
SHEET

A-5

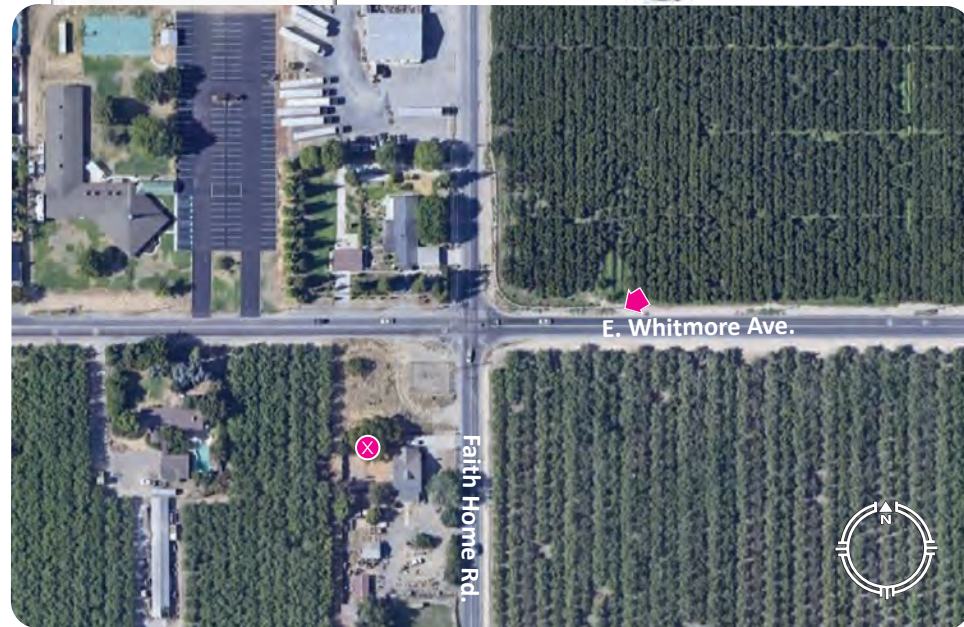
PANEL SCHEDULE	NO SCALE	4
-----------------------	----------	---



SHEET



LOCATION



View from the Northeast looking Southwest

EXISTING



PROPOSED



Completed January 21, 2022

CVL01187
Whitmore Avenue
 3966 E. Whitmore Ave.
 Ceres, CA 95307

VIEW 1

APPLICANT

AT&T Mobility
 5001 Executive Pkwy.
 San Ramon, CA 94583

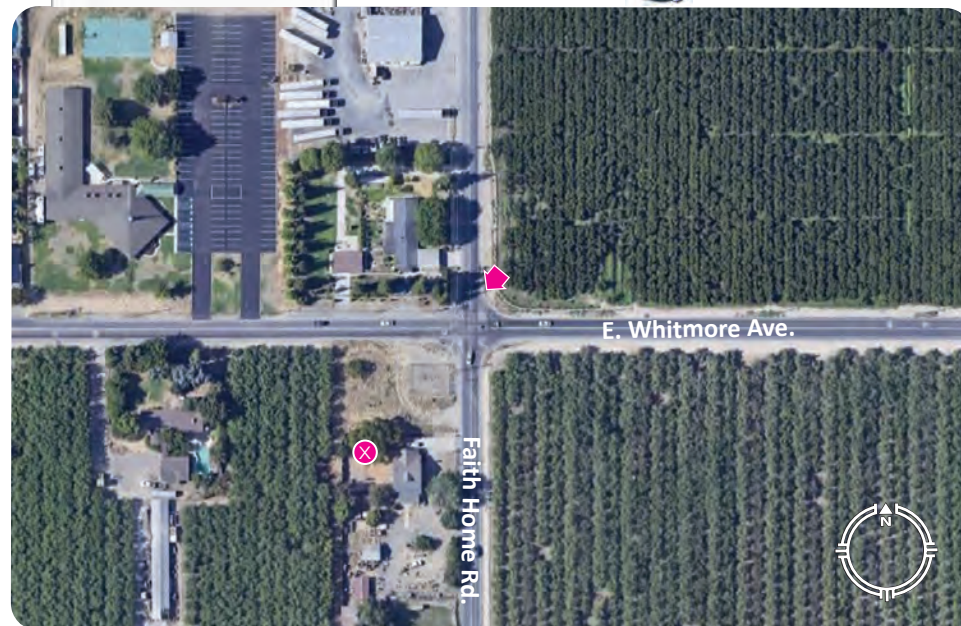
CONTACT

TSJ Consulting Inc.
 Tom Johnson
 27128 Paseo Espada #A-1521
 San Juan Capistrano, CA 92675
 p 925.785.3727



BLUE WATER DESIGN
bluewater-design.net
michelle@bluewater-design.net
 p 425.615.0944

LOCATION



View from the Northeast looking Southwest

EXISTING



PROPOSED



Completed January 21, 2022

CVL01187
Whitmore Avenue
 3966 E. Whitmore Ave.
 Ceres, CA 95307

VIEW 2

APPLICANT

AT&T Mobility
 5001 Executive Pkwy.
 San Ramon, CA 94583

CONTACT

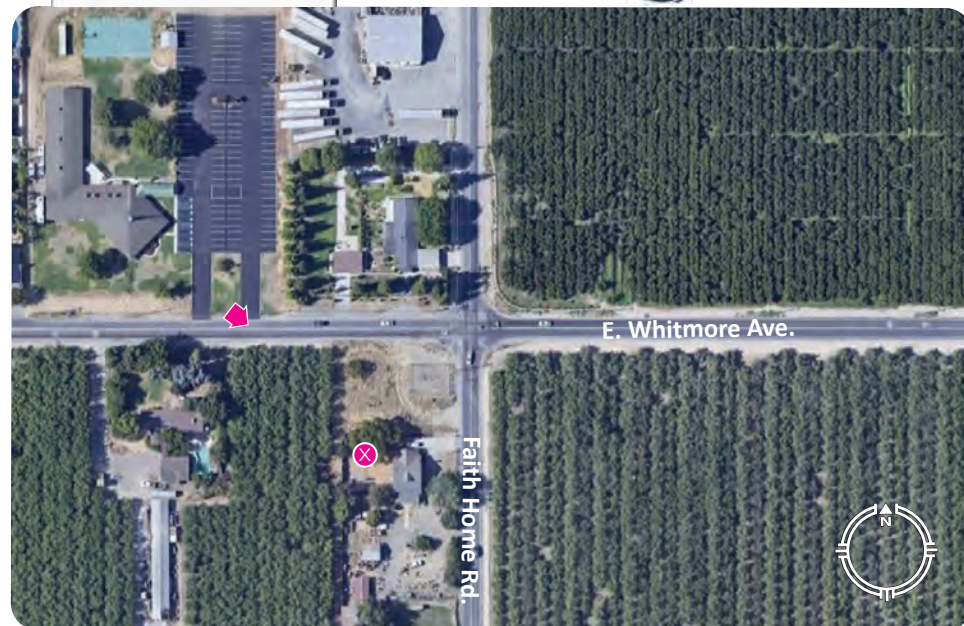
TSJ Consulting Inc.
 Tom Johnson
 27128 Paseo Espada #A-1521
 San Juan Capistrano, CA 92675
 p 925.785.3727



BLUE WATER DESIGN
bluewater-design.net
michelle@bluewater-design.net
 p 425.615.0944

LOCATION

Microsoft® Virtual Earth™



View from the Northwest looking Southeast

EXISTING



PROPOSED

PROPOSED
NEW
MONOPOLE
LOCATION



Completed January 21, 2022

CVL01187
Whitmore Avenue
3966 E. Whitmore Ave.
Ceres, CA 95307

VIEW 3

APPLICANT

AT&T Mobility
5001 Executive Pkwy.
San Ramon, CA 94583

CONTACT

TSJ Consulting Inc.
Tom Johnson
27128 Paseo Espada #A-1521
San Juan Capistrano, CA 92675
p 925.785.3727

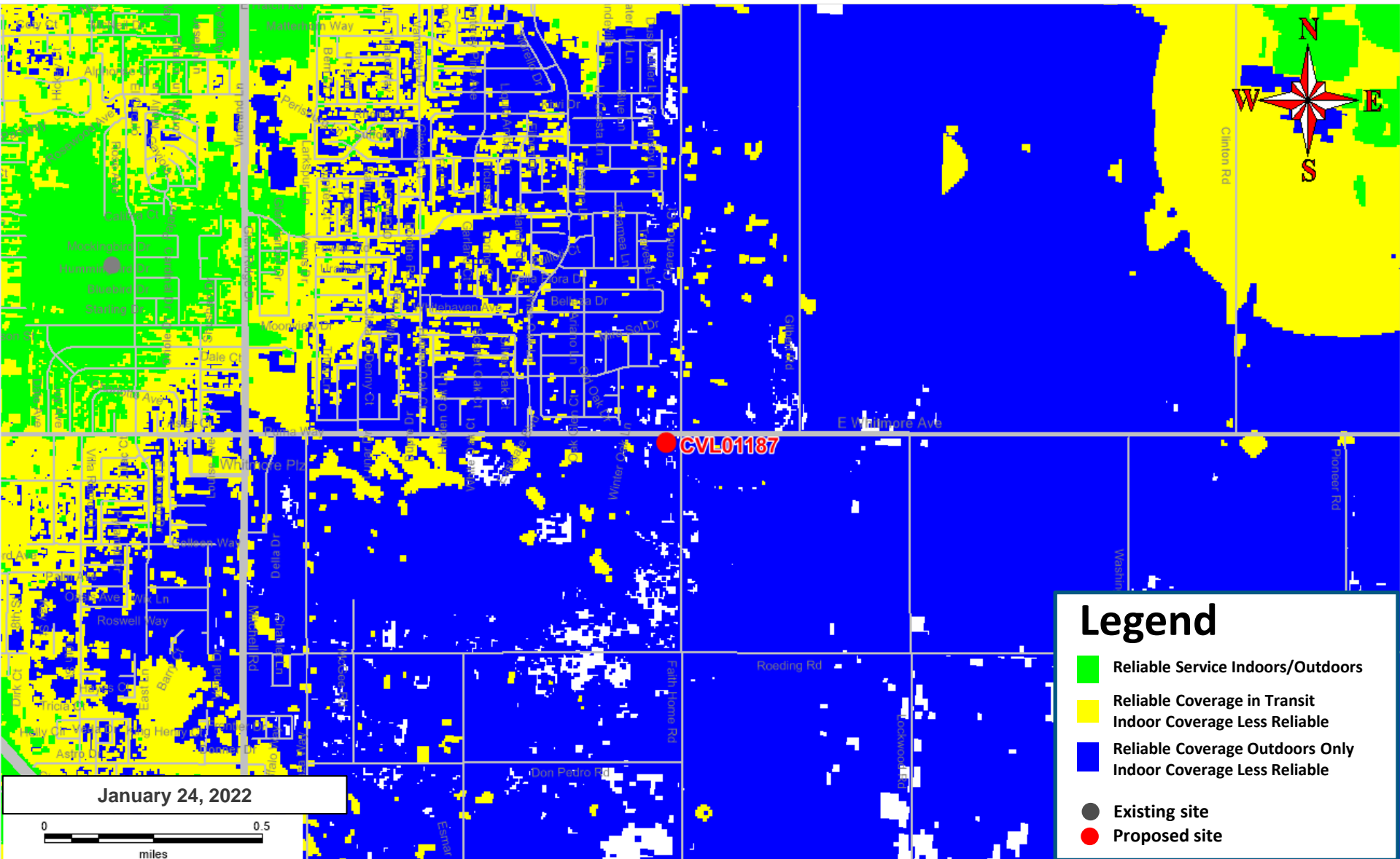


BLUE WATER DESIGN
bluewater-design.net
michelle@bluewater-design.net
p 425.615.0944

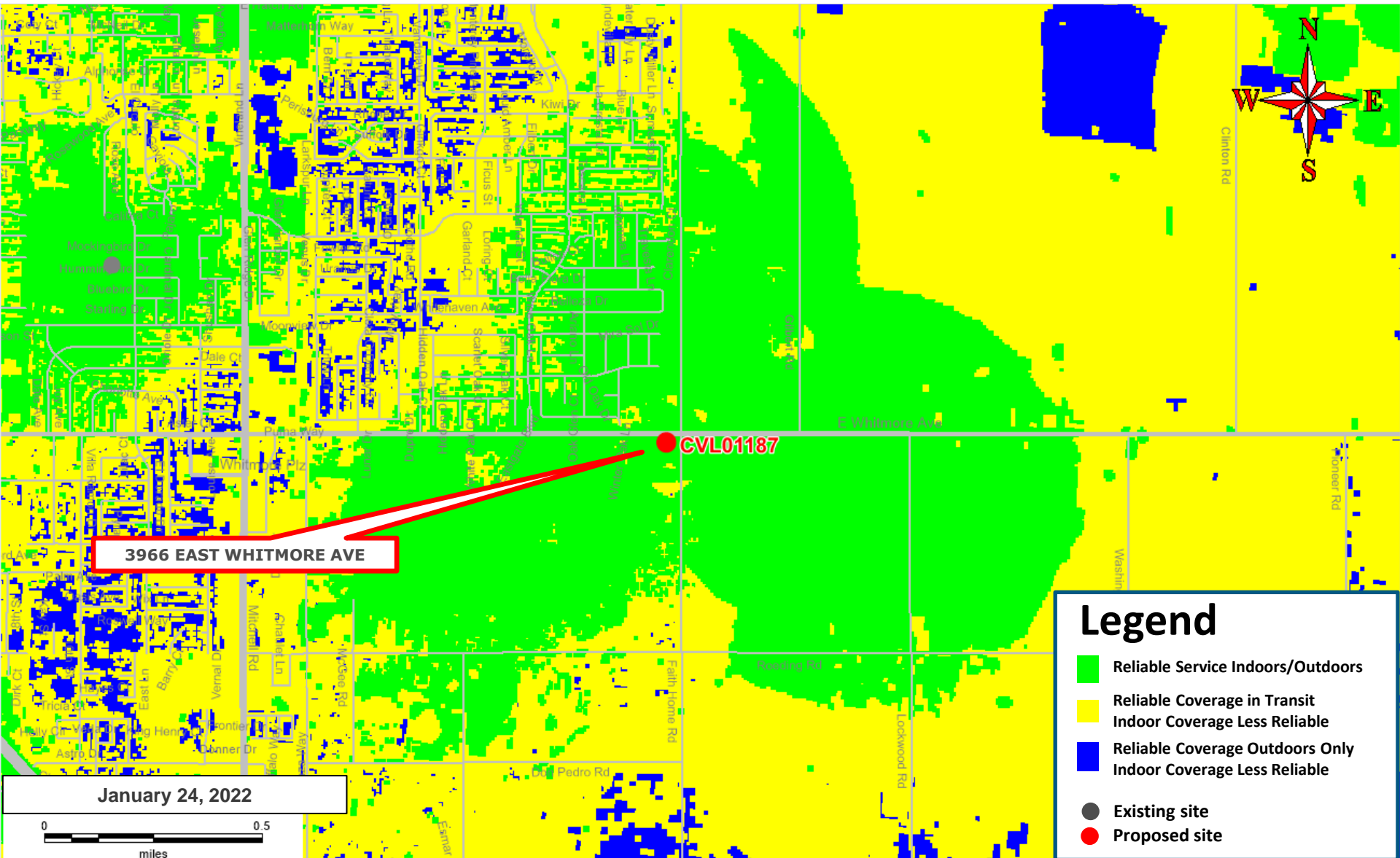
CVL01187 Zoning Propagation Map

January 24, 2022

Existing LTE 700 Coverage



Proposed LTE 700 Coverage – 3966 EAST WHITMORE AVE @ RC = 116 ft



Radio Frequency – Electromagnetic Energy (RF-EME) Compliance Report

Site No. CVL01187
MRSFR079467
Whitmore Avenue
3966 E Whitmore Avenue
Ceres, California 95307
Stanislaus County
37.59444167; -120.92096667 NAD83
Monopole

**The proposed AT&T installation will be in compliance with FCC regulations
upon proper installation of recommended signage.**

EBI Project No. 6222000133
January 20, 2022



Prepared for:
AT&T Mobility, LLC
c/o Qualtek
1200 Del Paso Road, Suite 150
Sacramento, CA 95834

Prepared by:
 **EBI Consulting**
environmental | engineering | due diligence

TABLE OF CONTENTS

EXECUTIVE SUMMARY.....	1
1.0 FEDERAL COMMUNICATIONS COMMISSION (FCC) REQUIREMENTS	3
2.0 AT&T RF EXPOSURE POLICY REQUIREMENTS	5
3.0 WORST-CASE PREDICTIVE MODELING.....	5
4.0 RECOMMENDED SIGNAGE/COMPLIANCE PLAN	7
5.0 SUMMARY AND CONCLUSIONS.....	8
6.0 LIMITATIONS	8

APPENDICES

Appendix A Personnel Certifications	
Appendix B Compliance/Signage Plan	

EXECUTIVE SUMMARY

Purpose of Report

EnviroBusiness Inc. (dba EBI Consulting) has been contracted by AT&T Mobility, LLC to conduct radio frequency electromagnetic (RF-EME) modeling for AT&T Site CVL01187 located at 3966 E Whitmore Avenue in Ceres, California to determine RF-EME exposure levels from proposed AT&T wireless communications equipment at this site. As described in greater detail in Section 1.0 of this report, the Federal Communications Commission (FCC) has developed Maximum Permissible Exposure (MPE) Limits for general public exposures and occupational exposures. This report summarizes the results of RF-EME modeling in relation to relevant FCC RF-EME compliance standards for limiting human exposure to RF-EME fields.

This report contains the RF EME analysis for the site, including the following:

- Site Plan with antenna locations
- Graphical representation of theoretical MPE fields based on modeling
- Graphical representation of recommended signage and/or barriers

This document addresses the compliance of AT&T's transmitting facilities independently and in relation to all collocated facilities at the site.

Statement of Compliance

A site is considered out of compliance with FCC regulations if there are areas that exceed the FCC exposure limits and there are no RF hazard mitigation measures in place. Any carrier which has an installation that contributes more than 5% of the applicable MPE must participate in mitigating these RF hazards.

As presented in the sections below, based on worst-case predictive modeling, there are no modeled exposures on any accessible ground walking/working surface related to ATT's proposed antennas that exceed the FCC's occupational and/or general public exposure limits at this site. Additionally, there are areas where elevated workers may be exposed to power densities greater than the occupational limits. The worst-case emitted power density may exceed the FCC's occupational limit within approximately 42 feet of AT&T's proposed antennas at the antenna face level. Workers and the general public should be informed about the presence and locations of antennas and their associated fields.

As such, the proposed AT&T installation is in compliance with FCC regulations upon proper installation of recommended signage and/or barriers.

AT&T Recommended Signage/Compliance Plan

AT&T's RF Exposure: Responsibilities, Procedures & Guidelines document, dated October 28, 2014, requires that:

1. All sites must be analyzed for RF exposure compliance;
2. All sites must have that analysis documented; and
3. All sites must have any necessary signage and barriers installed.

Site compliance recommendations have been developed based upon protocols presented in AT&T's RF Exposure: Responsibilities, Procedures & Guidelines document, dated October 28, 2014, additional guidance provided by AT&T, EBI's understanding of FCC and OSHA requirements, and common

industry practice. Barrier locations have been identified (when required) based on guidance presented in AT&T's RF Exposure: Responsibilities, Procedures & Guidelines document, dated October 28, 2014.

The following signage is recommended at this site:

- Yellow CAUTION 2B sign posted at the base of the monopole.

The signage proposed for installation at this site complies with AT&T's RF Exposure: Responsibilities, Procedures & Guidelines document and therefore complies with FCC and OSHA requirements. Barriers are not recommended on this site. To reduce the risk of exposure and/or injury, EBI recommends that access to the monopole or areas associated with the active antenna installation be restricted and secured where possible. More detailed information concerning site compliance recommendations is presented in Section 4.0 and Appendix B of this report.

1.0 FEDERAL COMMUNICATIONS COMMISSION (FCC) REQUIREMENTS

The FCC has established Maximum Permissible Exposure (MPE) limits for human exposure to Radiofrequency Electromagnetic (RF-EME) energy fields, based on exposure limits recommended by the National Council on Radiation Protection and Measurements (NCRP) and, over a wide range of frequencies, the exposure limits developed by the Institute of Electrical and Electronics Engineers, Inc. (IEEE) and adopted by the American National Standards Institute (ANSI) to replace the 1982 ANSI guidelines. Limits for localized absorption are based on recommendations of both ANSI/IEEE and NCRP.

The FCC guidelines incorporate two separate tiers of exposure limits that are based upon occupational/controlled exposure limits (for workers) and general public/uncontrolled exposure limits for members of the general public.

Occupational/controlled exposure limits apply to situations in which persons are exposed as a consequence of their employment and in which those persons who are exposed have been made fully aware of the potential for exposure and can exercise control over their exposure. Occupational/controlled exposure limits also apply where exposure is of a transient nature as a result of incidental passage through a location where exposure levels may be above general public/uncontrolled limits (see below), as long as the exposed person has been made fully aware of the potential for exposure and can exercise control over his or her exposure by leaving the area or by some other appropriate means.

General public/uncontrolled exposure limits apply to situations in which the general public may be exposed or in which persons who are exposed as a consequence of their employment may not be made fully aware of the potential for exposure or cannot exercise control over their exposure. Therefore, members of the general public would always be considered under this category when exposure is not employment-related, for example, in the case of a telecommunications tower that exposes persons in a nearby residential area.

Table I and Figure I (below), which are included within the FCC's OET Bulletin 65, summarize the MPE limits for RF emissions. These limits are designed to provide a substantial margin of safety. They vary by frequency to take into account the different types of equipment that may be in operation at a particular facility and are "time-averaged" limits to reflect different durations resulting from controlled and uncontrolled exposures.

The FCC's MPEs are measured in terms of power (mW) over a unit surface area (cm²). Known as the power density, the FCC has established an occupational MPE of 5 milliwatts per square centimeter (mW/cm²) and an uncontrolled MPE of 1 mW/cm² for equipment operating in the 1900 MHz frequency range. For the AT&T equipment operating at 850 MHz, the FCC's occupational MPE is 2.83 mW/cm² and an uncontrolled MPE of 0.57 mW/cm². For the AT&T equipment operating at 700 MHz, the FCC's occupational MPE is 2.33 mW/cm² and an uncontrolled MPE of 0.47 mW/cm². These limits are considered protective of these populations.

Table I: Limits for Maximum Permissible Exposure (MPE)				
(A) Limits for Occupational/Controlled Exposure				
Frequency Range (MHz)	Electric Field Strength (E) (V/m)	Magnetic Field Strength (H) (A/m)	Power Density (S) (mW/cm ²)	Averaging Time [E] ² , [H] ² , or S (minutes)
0.3-3.0	614	1.63	(100)*	6
3.0-30	1842/f	4.89/f	(900/f ²)*	6
30-300	61.4	0.163	1.0	6
300-1,500	--	--	f/300	6
1,500-100,000	--	--	5	6

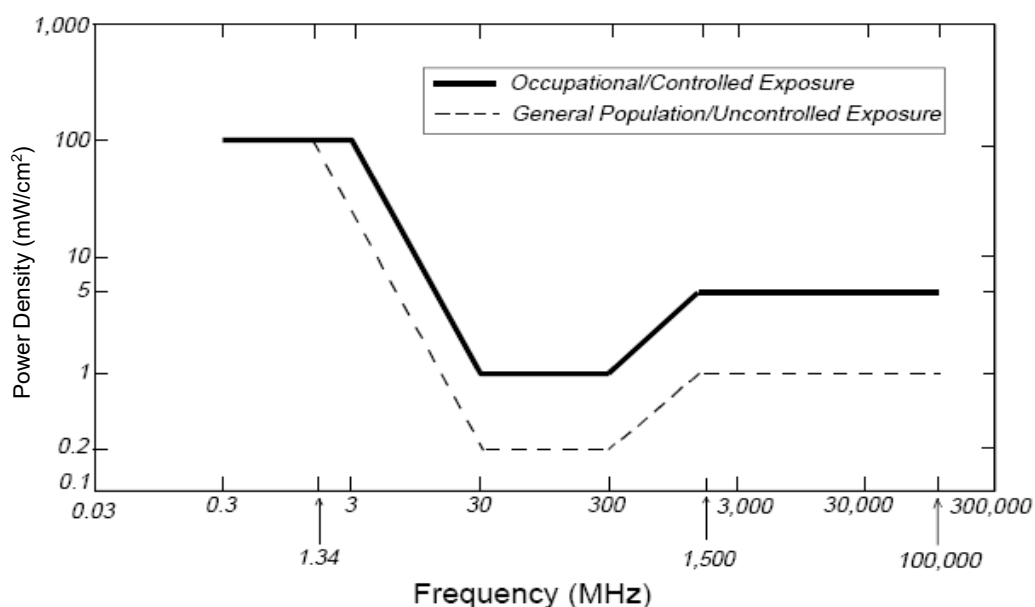
(B) Limits for General Public/Uncontrolled Exposure				
Frequency Range (MHz)	Electric Field Strength (E) (V/m)	Magnetic Field Strength (H) (A/m)	Power Density (S) (mW/cm²)	Averaging Time [E]², [H]², or S (minutes)
0.3-1.34	614	1.63	(100)*	30
1.34-30	824/f	2.19/f	(180/f ²)*	30
30-300	27.5	0.073	0.2	30
300-1,500	--	--	f/1,500	30
1,500-100,000	--	--	1.0	30

f = Frequency in (MHz)

* Plane-wave equivalent power density

Figure 1. FCC Limits for Maximum Permissible Exposure (MPE)

Plane-wave Equivalent Power Density



Based on the above, the most restrictive thresholds for exposures of unlimited duration to RF energy for several personal wireless services are summarized below:

Personal Wireless Service	Approximate Frequency	Occupational MPE	Public MPE
Microwave (Point-to-Point)	5,000 - 80,000 MHz	5.00 mW/cm ²	1.00 mW/cm ²
Broadband Radio (BRS)	2,600 MHz	5.00 mW/cm ²	1.00 mW/cm ²
Wireless Communication (WCS)	2,300 MHz	5.00 mW/cm ²	1.00 mW/cm ²
Advanced Wireless (AWS)	2,100 MHz	5.00 mW/cm ²	1.00 mW/cm ²
Personal Communication (PCS)	1,950 MHz	5.00 mW/cm ²	1.00 mW/cm ²
Cellular Telephone	870 MHz	2.90 mW/cm ²	0.58 mW/cm ²
Specialized Mobile Radio (SMR)	855 MHz	2.85 mW/cm ²	0.57 mW/cm ²
Long Term Evolution (LTE)	700 MHz	2.33 mW/cm ²	0.47 mW/cm ²
Most Restrictive Frequency Range	30-300 MHz	1.00 mW/cm ²	0.20 mW/cm ²

MPE limits are designed to provide a substantial margin of safety. These limits apply for continuous exposures and are intended to provide a prudent margin of safety for all persons, regardless of age, gender, size, or health.

Personal Communication (PCS) facilities used by AT&T in this area operate within a frequency range of 700-1900 MHz. Facilities typically consist of: 1) electronic transceivers (the radios or cabinets) connected to wired telephone lines; and 2) antennas that send the wireless signals created by the transceivers to be received by individual subscriber units (PCS telephones). Transceivers are typically connected to antennas by coaxial cables.

Because of the short wavelength of PCS services, the antennas require line-of-site paths for good propagation, and are typically installed above ground level. Antennas are constructed to concentrate energy towards the horizon, with as little energy as possible scattered towards the ground or the sky. This design, combined with the low power of PCS facilities, generally results in no possibility for exposure to approach Maximum Permissible Exposure (MPE) levels, with the exception of areas directly in front of the antennas.

2.0 AT&T RF EXPOSURE POLICY REQUIREMENTS

AT&T's RF Exposure: Responsibilities, Procedures & Guidelines document, dated October 28, 2014, requires that:

1. All sites must be analyzed for RF exposure compliance;
2. All sites must have that analysis documented; and
3. All sites must have any necessary signage and barriers installed.

Pursuant to this guidance, worst-case predictive modeling was performed for the site. This modeling is described below in Section 3.0. Lastly, based on the modeling and survey data, EBI has produced a Compliance Plan for this site that outlines the recommended signage and barriers. The recommended Compliance Plan for this site is described in Section 4.0.

3.0 WORST-CASE PREDICTIVE MODELING

In accordance with AT&T's RF Exposure policy, EBI performed theoretical modeling using RoofMaster™ software to estimate the worst-case power density at the site ground-level and/or nearby rooftops resulting from operation of the antennas. RoofMaster™ is a widely-used predictive modeling program that has been developed to predict RF power density values for rooftop and tower telecommunications sites produced by vertical collinear antennas that are typically used in the cellular, PCS, paging and other communications services. Using the computational methods set forth in Federal Communications (FCC) Office of Engineering & Technology (OET) Bulletin 65, "Evaluating Compliance with FCC Guidelines for Human Exposure to Radiofrequency Electromagnetic Fields" (OET-65), RoofMaster™ calculates predicted power density in a scalable grid based on the contributions of all RF sources characterized in the study scenario. At each grid location, the cumulative power density is expressed as a percentage of the FCC limits. Manufacturer antenna pattern data is utilized in these calculations. RoofMaster™ models consist of the Far Field model as specified in OET-65 and an implementation of the OET-65 Cylindrical Model (Sula9). The models utilize several operational specifications for different types of antennas to produce a plot of spatially-averaged power densities that can be expressed as a percentage of the applicable exposure limit. A statistical power factor may be applied to the antenna system based on guidance from the carrier and system manufacturers.

For this report, EBI utilized antenna and power data provided by AT&T and compared the resultant worst-case MPE levels to the FCC's occupational/controlled exposure limits outlined in OET Bulletin 65.

The assumptions used in the modeling are based upon information provided by AT&T and information gathered from other sources. There are no other wireless carriers with equipment installed at this site.

Based on worst-case predictive modeling, there are no modeled exposures on any accessible ground walking/working surface related to AT&T's proposed antennas that exceed the FCC's occupational and/or general public exposure limits at this site. Additionally, there are areas where elevated workers may be exposed to power densities greater than the occupational limits. The worst-case emitted power density may exceed the FCC's occupational limit within approximately 42 feet of AT&T's proposed antennas at the antenna face level. Workers and the general public should be informed about the presence and locations of antennas and their associated fields.

At the nearest walking/working surfaces to the AT&T antennas on the ground, the maximum power density generated by the AT&T antennas is approximately 0.98 percent of the FCC's general public limit (0.20 percent of the FCC's occupational limit). The composite exposure level from all carriers on this site is approximately 0.98 percent of the FCC's general public limit (0.20 percent of the FCC's occupational limit) at the nearest walking/working surface to each antenna.

A graphical representation of the RoofMaster™ modeling results is presented in Appendix B.

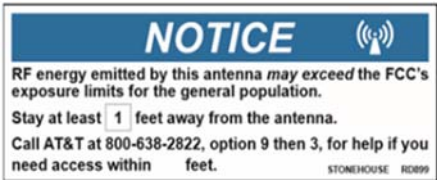

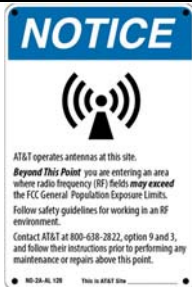



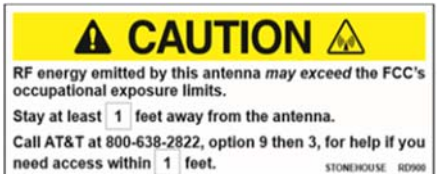





Microwave dish antennas are designed for point-to-point operations at the elevations of the installed equipment rather than ground-level coverage. Based on AT&T's RF Exposure: Responsibilities, Procedures & Guidelines document, dated October 28, 2014, microwave antennas are considered compliant if they are higher than 20 feet above any accessible walking/working surface. There are no microwaves installed at this site.

4.0 RECOMMENDED SIGNAGE/COMPLIANCE PLAN

Signs are the primary means for control of access to areas where RF exposure levels may potentially exceed the MPE. As presented in the AT&T guidance document, the signs must:

- Be posted at a conspicuous point;
- Be posted at the appropriate locations;
- Be readily visible; and
- Make the reader aware of the potential risks prior to entering the affected area.

The table below presents the signs that may be used for AT&T installations.

CRAN / HETNET Small Cell Decals / Signs		Alerting Signs	
	NOTICE DECAL		
	NOTICE SIGN		
	CAUTION DECAL		
	CAUTION SIGN		

Based upon protocols presented in AT&T's RF Exposure: Responsibilities, Procedures & Guidelines document, dated October 28, 2014, and additional guidance provided by AT&T, the following signage is recommended on the site:

- Yellow CAUTION 2B sign posted at the base of the monopole.

No barriers are required for this site. Barriers should be constructed of weather-resistant plastic or wood fencing. Barriers may consist of railing, rope, chain, or weather-resistant plastic if no other types are permitted or are feasible. Painted stripes should only be used as a last resort and only in regions where there is little chance of snowfall. If painted stripes are selected as barriers, it is recommended that the stripes and signage be illuminated. The signage and any barriers are graphically represented in the Signage Plan presented in Appendix B.

5.0 SUMMARY AND CONCLUSIONS

EBI has prepared this Radiofrequency Emissions Compliance Report for the proposed AT&T telecommunications equipment at the site located at 3966 E Whitmore Avenue in Ceres, California.

EBI has conducted theoretical modeling to estimate the worst-case power density from AT&T antennas to document potential MPE levels at this location and ensure that site control measures are adequate to meet FCC and OSHA requirements, as well as AT&T's corporate RF safety policies. As presented in the preceding sections, based on worst-case predictive modeling, there are no modeled exposures on any accessible ground walking/working surface related to ATT's proposed antennas that exceed the FCC's occupational and/or general public exposure limits at this site. Additionally, there are areas where elevated workers may be exposed to power densities greater than the occupational limits. The worst-case emitted power density may exceed the FCC's occupational limit within approximately 42 feet of AT&T's proposed antennas at the antenna face level. Workers and the general public should be informed about the presence and locations of antennas and their associated fields.

To reduce the risk of exposure and/or injury, EBI recommends that access to the monopole or areas associated with the active antenna installation be restricted and secured where possible. Signage is recommended at the site as presented in Section 4.0 and Appendix B. Posting of the signage brings the site into compliance with FCC rules and regulations and AT&T's corporate RF safety policies.

6.0 LIMITATIONS

This report was prepared for the use of AT&T Mobility, LLC to meet requirements outlined in AT&T's corporate RF safety guidelines. It was performed in accordance with generally accepted practices of other consultants undertaking similar studies at the same time and in the same locale under like circumstances. The conclusions provided by EBI and its partners are based solely on information supplied by AT&T, including modeling instructions, inputs, parameters and methods. Calculations, data, and modeling methodologies for C Band equipment include a statistical factor reducing the power to 32% of maximum theoretical power to account for spatial distribution of users, network utilization, time division duplexing, and scheduling time. AT&T recommends the use of this factor based on a combination of guidance from its antenna system manufacturers, supporting international industry standards, industry publications, and its extensive experience. The observations in this report are valid on the date of the investigation. Any additional information that becomes available concerning the site should be provided to EBI so that our conclusions may be revised and modified, if necessary. This report has been prepared in accordance with Standard Conditions for Engagement and authorized proposal, both of which are integral parts of this report. No other warranty, expressed or implied, is made.

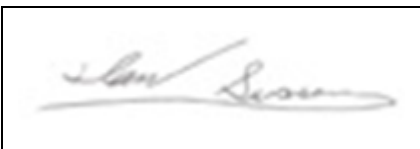
Appendix A

Personnel Certifications

Preparer Certification

I, Ian Swanson, state that:

- I am an employee of EnviroBusiness Inc. (d/b/a EBI Consulting), which provides RF-EME safety and compliance services to the wireless communications industry.
- I have successfully completed RF-EME safety training, and I am aware of the potential hazards from RF-EME and would be classified “occupational” under the FCC regulations.
- I am fully aware of and familiar with the Rules and Regulations of both the Federal Communications Commissions (FCC) and the Occupational Safety and Health Administration (OSHA) with regard to Human Exposure to Radio Frequency Radiation.
- I have been trained in on the procedures outlined in AT&T’s RF Exposure: Responsibilities, Procedures & Guidelines document (dated October 28, 2014) and on RF-EME modeling using RoofMaster™ modeling software.
- I have reviewed the data provided by the client and incorporated it into this Site Compliance Report such that the information contained in this report is true and accurate to the best of my knowledge.

A rectangular box containing a handwritten signature in cursive script, which appears to read "Ian Swanson".

Reviewed and Approved by:



sealed 20jan2022

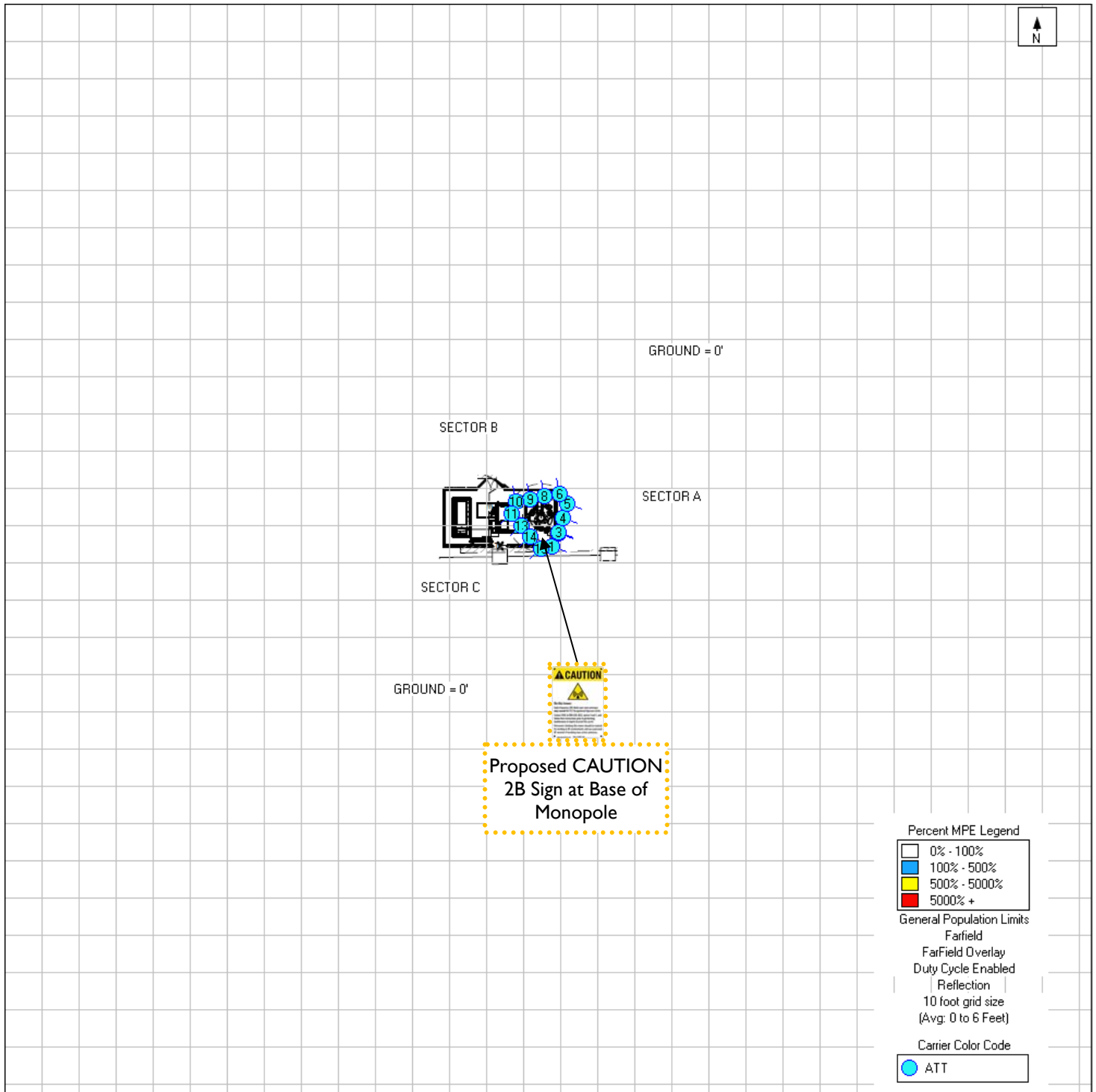
Michael McGuire
Electrical Engineer
mike@h2dc.com

Note that EBI's scope of work is limited to an evaluation of the Radio Frequency – Electromagnetic Energy (RF-EME) field generated by the antennas and broadcast equipment noted in this report. The engineering and design of the building and related structures, as well as the impact of the antennas and broadcast equipment on the structural integrity of the building, are specifically excluded from EBI's scope of work.

Appendix B

Compliance/Signage Plan

Nearest Walking Surface Simulation



	Existing Sign
	Proposed Sign
	Installed Sign

SIGN IDENTIFICATION LEGEND			
	AT&T NOTICE 2 Sign		AT&T CAUTION 2 – Rooftop Sign
	AT&T WARNING 1B and 2A Signs		AT&T CAUTION 2B – Tower Sign
	AT&T NOTICE Small Cell Signs		AT&T CAUTION 2C – Parapet Sign
	AT&T CAUTION Small Cell Signs		AT&T TRILINGUAL NOTICE Sign