



**COUNTY OF MENDOCINO**  
**DEPARTMENT OF PLANNING AND BUILDING SERVICES**

860 NORTH BUSH STREET · UKIAH · CALIFORNIA · 95482  
 120 WEST FIR STREET · FT. BRAGG · CALIFORNIA · 95437

JULIA KROG, DIRECTOR  
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 pbs@mendocinocounty.org  
 www.mendocinocounty.org/pbs

January 03, 2023

Department of Transportation  
 Building Inspection - Ukiah  
 Assessor

Air Quality Management  
 Cloverdale Rancheria  
 Redwood Valley Rancheria

Sherwood Valley Band of Pomo Indians  
 Ukiah Valley Fire Department

**CASE#:** AP 2022-0047  
**DATE FILED:** 11/3/2022  
**OWNER:** KUKI AND LOVERS LANE PROPRTIE  
**APPLICANT:** AT&T Mobility Services LLC  
**AGENT:** Jaclyn Bellicitti

**REQUEST:** Administrative Permit to remove three existing antennas per sector for a total of nine removed, remove one existing RRU per sector for a total of three removed, remove one TMA per sector for a total of three removed, install four new antennas per sector for a total of twelve new antennas installed, install two new RRUs per sector for a total of six installed, install one new squid, install two new power trunks, install one new fiber trunk, install four new rectifiers, install two new circuit breakers and install two new BBUs in existing racks. No expansion of the ground lease area is proposed.

**LOCATION:** Approximately 0.1± miles north of Ukiah, lying on the north side of Kuki Lane (CR# 250A), approximately 300 feet West of its intersection with North State Street (CR# 104); located at 1460 Lover's Lane, Ukiah; APN: 170-120-12.

**SUPERVISORIAL DISTRICT:** 1  
**STAFF PLANNER:** KEITH GRONENDYKE  
**RESPONSE DUE DATE:** January 17, 2023

**PROJECT INFORMATION CAN BE FOUND AT:**

[www.mendocinocounty.org](http://www.mendocinocounty.org)

Select "Government" from the drop-down; then locate Planning and Building Services/Public Agency Referrals.

Mendocino County Planning & Building Services is soliciting your input, which will be used in staff analysis and forwarded to the appropriate public hearing. You are invited to comment on any aspect of the proposed project(s). Please convey any requirements or conditions your agency requires for project compliance to the project coordinator at the above address, or submit your comments by email to [pbs@mendocinocounty.org](mailto:pbs@mendocinocounty.org). Please note the case number and name of the project coordinator with all correspondence to this department.

We have reviewed the above application and recommend the following (please check one):

- No comment at this time.
- Recommend conditional approval (attached).
- Applicant to submit additional information (attach items needed, or contact the applicant directly, copying Planning and Building Services in any correspondence you may have with the applicant)
- Recommend denial (Attach reasons for recommending denial).
- Recommend preparation of an Environmental Impact Report (attach reasons why an EIR should be required).
- Other comments (attach as necessary).

**REVIEWED BY:**

Signature \_\_\_\_\_ Department \_\_\_\_\_ Date \_\_\_\_\_

**OWNER:** KUKI AND LOVERS LANE PROPERTIE

**APPLICANT:** AT&T MOBILITY LLC

**AGENT:** AT&T/JACLYN BELLICITTI

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**APN:** 170-120-12

**PARCEL SIZE:** 84± Square Foot Facility on 4.32± Acre Parcel

**GENERAL PLAN:** Mixed Use (MU)

**ZONING:** General Commercial District (C2: 6K)

**EXISTING USES:** Mechanic shop, Restaurant and fueling facility

**DISTRICT:** Supervisorial District 1 (McGourty)

**RELATED CASES:**

- Parcel Development
  - Boundary Line Adjustment #B 96-96 resulted in the current parcel configuration.
- Use Permits
  - Use Permit #U 3-2006 permitted Edge Wireless, now AT&T, to add three panel antennas and associated ground equipment to the 73-foot tall “76” gas station sign support structure.
  - Use Permit Renewal #UR 2021-0002 renewed the original Use Permit (UM 3-2006/2011) for an additional ten years. This renewal will expire on May 19, 2031.
- Administrative Permits
  - Administrative Permit #AP2020-0047 permitted a backup generator to be installed at the base of the existing sign/cell tower.
  - Administrative Permit # AP 2020-0031 permitted a backup generator to be installed at the base of the existing sign/cell tower.
  - Administrative Permit #AP 2021-0012 permitted new antennas to replace existing ones.
- Modifications
  - Use Permit Modification #UM 3-2006/2009 was approved by the Planning Commission on August 20, 2009, permitting T-Mobile to add three panel antennas to the “76” gas station sign support structure.
  - Use Permit Modification #UM 3-2006/2011 was approved by the Planning Commission on May 19, 2011, allowing for the addition of three panel antennas to the existing sign structure.

	<u>ADJACENT GENERAL PLAN</u>	<u>ADJACENT ZONING</u>	<u>ADJACENT LOT SIZES</u>	<u>ADJACENT USES</u>
<b>NORTH:</b>	Mixed Use	Multiple-Family Residential	0.34± acre	Residential
<b>EAST:</b>	Mixed Use	General Commercial District	0.63± acre	Commercial
<b>SOUTH:</b>	Commercial	General Commercial District	0.21 & 0.45± acre	Commercial
<b>WEST:</b>	Mixed Use	Limited Industrial	1.51 & 0.72 & 1.47± acre	Mixed Use

**REFERRAL AGENCIES**

**LOCAL**

- Air Quality Management District
- Building Division (Ukiah)
- Department of Transportation (DOT)

- Assessor
- Ukiah Valley Fire Department

**TRIBAL**

- Redwood Valley Rancheria
- Sherwood Valley Band of Pomo Indians
- Cloverdale Rancheria

**ADDITIONAL INFORMATION:** The subject telecommunications facility first functioned as a service sign for a gas station located on the subject property. On May 19, 2011 the Mendocino County Planning Commission approved UM\_2011-0004 and established the sign as a telecommunications tower with an 84± square foot base station.

**ENVIRONMENTAL DATA**

**1. MAC:**

GIS  
NA

**2. FIRE HAZARD SEVERITY ZONE:**

CALFIRE FRAP maps/GIS  
None

**3. FIRE RESPONSIBILITY AREA:**

CALFIRE FRAP maps/GIS  
Local responsibility area

**4. FARMLAND CLASSIFICATION:**

GIS  
Urban

**5. FLOOD ZONE CLASSIFICATION:**

FEMA Flood Insurance Rate Maps (FIRM)  
NO

**6. COASTAL GROUNDWATER RESOURCE AREA:**

Coastal Groundwater Study/GIS  
NA

**7. SOIL CLASSIFICATION:**

Mendocino County Soils Study Eastern/Western Part  
Eastern soil types #210

**8. PYGMY VEGETATION OR PYGMY CAPABLE SOIL:**

LCP maps, Pygmy Soils Maps; GIS  
No

**9. WILLIAMSON ACT CONTRACT:**

GIS/Mendocino County Assessor's Office  
No

**10. TIMBER PRODUCTION ZONE:**

GIS  
NO

**11. WETLANDS CLASSIFICATION:**

GIS  
No

**12. EARTHQUAKE FAULT ZONE:**

Earthquake Fault Zone Maps; GIS  
No

**13. AIRPORT LAND USE PLANNING AREA:**

Airport Land Use Plan; GIS  
No

**14. SUPERFUND/BROWNFIELD/HAZMAT SITE:**

GIS; General Plan 3-11  
No

**15. NATURAL DIVERSITY DATABASE:**

CA Dept. of Fish & Wildlife Rarefind Database/GIS  
No

**16. STATE FOREST/PARK/RECREATION AREA ADJACENT:**

GIS; General Plan 3-10  
No

**17. LANDSLIDE HAZARD:**

Hazards and Landslides Map; GIS; Policy RM-61; General Plan 4-44  
No

**18. WATER EFFICIENT LANDSCAPE REQUIRED:**

Policy RM-7; General Plan 4-34  
No

**19. WILD AND SCENIC RIVER:**

[www.rivers.gov](http://www.rivers.gov) (Eel Only); GIS  
No

**20. SPECIFIC PLAN/SPECIAL PLAN AREA:**

Various Adopted Specific Plan Areas; GIS  
No

**21. STATE CLEARINGHOUSE REQUIRED:**

Policy  
No

**22. OAK WOODLAND AREA:**

USDA  
No

**23. HARBOR DISTRICT:**

Sec. 20.512  
NA



PLANNING & BUILDING SERVICES

CASE NO:	AP 2022-0047
DATE FILED:	11-3-22
FEE:	\$2786.00
RECEIPT NO:	
RECEIVED BY:	KG

Office Use Only

APPLICATION FORM

APPLICANT:

Name: AT&T Mobility Services LLC Phone: 408-691-3113  
 Mailing Address: \_\_\_\_\_  
 City: \_\_\_\_\_ State/Zip: \_\_\_\_\_ Email: jbellicitti@j5ip.com

PROPERTY OWNER:

Name: Faizan Corp. Phone: 408-691-3113  
 Mailing Address: 390 E Gobbi St  
 City: Ukiah State/Zip: CA Email: \_\_\_\_\_

AGENT:

Name: Jaclyn Bellicitti, J5, on behalf of AT&T Phone: 408-691-3113  
 Mailing Address: 23 Mauchly Ste 110  
 City: Irvine State/Zip: CA Email: jbellicitti@j5ip.com

ASSESSOR'S PARCEL NUMBER/S: 170-120-12

TYPE OF APPLICATION:

- |   |   |   |
|---|---|---|
| <input type="checkbox"/> Administrative Permit                    | <input type="checkbox"/> General Plan Amendment         | <input type="checkbox"/> Use Permit – Cottage                 |
| <input type="checkbox"/> Agricultural Preserve: New Contract      | <input type="checkbox"/> Land Division – Minor          | <input type="checkbox"/> Use Permit – Minor                   |
| <input type="checkbox"/> Agricultural Preserve: Cancellation      | <input type="checkbox"/> Land Division – Major          | <input type="checkbox"/> Use Permit – Major                   |
| <input type="checkbox"/> Agricultural Preserve: Rescind & ReEnter | <input type="checkbox"/> Land Division – Parcel         | <input checked="" type="checkbox"/> Use Permit – Modification |
| <input type="checkbox"/> Airport Land Use                         | <input type="checkbox"/> Land Division – Re-Subdivision | <input type="checkbox"/> Variance                             |
| <input type="checkbox"/> Development Review                       | <input type="checkbox"/> Modification of Conditions     | <input type="checkbox"/> Other                                |
| <input type="checkbox"/> Exception                                | <input type="checkbox"/> Reversion to Acreage           |   |
| <input type="checkbox"/> Flood Hazard Development Permit          | <input type="checkbox"/> Rezoning                       |   |

Mendocino County

NOV 03 2022

Planning & Building Services

I certify that the information submitted with this application is true and accurate.

Jaclyn Bellicitti

11/1/22

Signature of Applicant/Agent

Date

Signature of Owner

Date



**SITE AND PROJECT DESCRIPTION QUESTIONNAIRE**

The purpose of this questionnaire is to relate information concerning your application to the Department of Planning and Building Services and other agencies who will be reviewing your project proposal. Please remember that the clearer picture that you give us of your project and the site, the easier it will be to promptly process your application. Please answer all questions. Those questions which do not pertain to your project please indicate "Not applicable" or "N/A".

**THE PROJECT**

**1. Describe your project. Include secondary improvements such as wells, septic systems, grading, vegetation removal, roads, etc.**

Modification to an existing unmanned AT&T telecommunications facility, consisting of the following:

Remove 3 existing antennas per sector (total 9), remove 1 existing RRUS 11 B12 per sector (total 3), remove 1 existing TMA per sector (total 3), install 4 new antennas per sector (total 12), install 1 new RRUS 4478 B12A per sector (total 3), install 1 new RRUS 4415 B25 per sector (total 3), install 1 new DC9 Squid, install 2 new #6 AWG DC power trunks, install 1 new fiber trunks, install 4 new rectifiers in existing DC power plant, install 2 new 2P circuit breakers in AC panel, install 1 new 6630 BBU in existing rack, install 1 new 6648 BBU in existing rack

\_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

2. Structures/Lot Coverage	NO. OF UNITS		SQUARE FOOTAGE		
	EXISTING	PROPOSED	EXISTING	PROPOSED	TOTAL
<input type="checkbox"/> Single Family <input type="checkbox"/> Mobile Home <input type="checkbox"/> Duplex <input type="checkbox"/> Multifamily <input type="checkbox"/> Other: <input checked="" type="checkbox"/> Other:			173.68	No Change	173.68
GRAND TOTAL (Equal to gross area of Parcel): 173.68 sqft					

**3. If the project is commercial, industrial or institutional, complete the following:**

Estimated No. of Employees per shift: Unmanned

Estimated No. of shifts per day: N/A

Type of loading facilities proposed: N/A

**4. Will the project be phased?**

YES     NO    If yes, explain your plans for phasing:

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**5. Will vegetation be removed on areas other than the building sites and roads?**

YES     NO    If no, explain:

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**6. Will the project involve the use or disposal of potentially hazardous materials such as toxic substances, flammables, or explosives?**

YES     NO    If yes, explain:

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**7. How much off-street parking will be provided?**

	Number	Size
No. of covered spaces:	_____	_____
No. of uncovered spaces:	_____	_____
No. of standard spaces:	_____	_____
No. of accessible spaces:	_____	_____
Existing no. of spaces:	_____	_____
Proposed additional spaces:	_____	_____
Total:	N/A	N/A

**8. Is any road construction or grading planned? If yes, grading and drainage plans may be required.**

YES     NO    Also, please describe the terrain to be traversed. (e.g., steep, moderate slope, flat, etc.)

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**9. For grading or road construction, complete the following:**

Amount of cut: N/A cubic yards  
Amount of fill: N/A cubic yards  
Max. height of fill slope: N/A feet  
Max. height of cut slope: N/A feet  
Amount of import/export: N/A cubic yards  
Location of borrow or disposal site: N/A

10. Does the project involve sand removal, mining or gravel extraction? If yes, detailed extraction, reclamation and monitoring plans may be required.

YES  NO

11. Will the proposed development convert land currently or previously used for agriculture to another use?

YES  NO

12. Will the development provide public or private recreation opportunities?

YES  NO If yes, explain how:

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13. Is the proposed development visible from State Highway 1 or other scenic route?

YES  NO

14. Is the proposed development visible from a park, beach or other recreational area?

YES  NO

15. Does the development involve diking, filling, dredging or placing structures in open coastal water, wetlands, estuaries or lakes?

Diking:  YES  NO

Filling:  YES  NO

Dredging:  YES  NO

Structures:  Open Coastal Waters  Wetlands  Estuaries  Lakes

If so, what is the amount of material to be dredged/filled?: \_\_\_\_\_ cubic yards

Location of dredged material disposal site?: \_\_\_\_\_

Has a U.S. Army Corps of Engineers permit been applied for?  YES  NO

16. Will there be any exterior lighting?

YES  NO If yes, describe below and identify the location of all exterior lighting on the plot and building plans.

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17. Utilities will be supplied to the site as follows:

Electricity:  Utility Company (service exists to parcel)

Utility Company (requires extension of service to site): \_\_\_\_\_ feet \_\_\_\_\_ miles

On Site Generation – Specify:

Gas:  Utility Company/Tank

On Site Generation – Specify:

None

Telephone:  YES  NO

**18. What will be the method of sewage disposal?**

- Community Sewage System (specify supplier): \_\_\_\_\_
- Septic Tank
- Other (specify): N/A

**19. What will be the domestic water source:**

- Community Water System (specify supplier): \_\_\_\_\_
- Well
- Spring
- Other (specify): N/A

**20. Are there any associated projects and/or adjacent properties under your ownership?**

- YES      NO     If yes, explain: (e.g., Assessor's Parcel Number, address, etc.)

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**21. List and describe any other related permits and other public approval required for this project, including those required by other County departments, city, regional, State and Federal agencies:**

N/A

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**22. Describe the location of the site in terms of readily identifiable landmarks: (e.g., mailboxes, mile posts, street intersections, etc.)**  
**Enclosed area/under billboard next to the parking lot of Ukiah Truck Repair shop.**

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**23. Are there existing structures on the property? If yes, describe below and identify the use of each structure on the plot plan or tentative map if the proposal is for a subdivision.**

- YES      NO

N/A

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**24. Will any existing structure be demolished or removed? If yes, describe the type of development to be demolished or removed, including the relocation site, if applicable.**

- YES      NO

N/A

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**25. What is the maximum height of all structures?**

Existing: N/A feet

Proposed: \_\_\_\_\_ feet

**26. What is the gross floor areas of all structures, including covered parking and accessory buildings?**

Existing: N/A square feet

Proposed: \_\_\_\_\_ square feet

**27. What is the total lot area within property lines?**

Total Lot Area: N/A  acres  square feet

**28. Briefly describe the project site as it exists before the project, including information on existing structures and their uses, slopes, soil stability, plants and animals, and any cultural, historical or scenic aspects. Attach any photographs of the site that you feel would be helpful:**

N/A  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**29. Briefly describe the surrounding properties, including information on plants, animals and any cultural, historic or scenic aspects. Indicate the type of land use (use chart below) and its general intensity. Attach any photographs of the vicinity that you feel would be helpful.**

Surrounded by businesses and their parking lots.  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**30. Indicate the surrounding land uses:**

	Vacant	Residential	Agriculture	Commercial	Industrial	Public Facility	Timberland	Other
North:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
East:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
South:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
West:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

## **Indemnification And Hold Harmless**

ORDINANCE NO. 3780, adopted by the Board of Supervisors on June 4, 1991, requires applicants for discretionary land use approvals, to sign the following Indemnification Agreement. Failure to sign this agreement will result in the application being considered incomplete and withheld from further processing.

### **Indemnification Agreement**

As part of this application, applicant agrees to defend, indemnify, release and hold harmless the County of Mendocino, its agents, officers, attorneys, employees, boards and commissions, as more particularly set forth in Mendocino County Code Section 1.04.120, from any claim, action or proceeding brought against any of the foregoing individuals or entities, the purpose of which is to attack, set aside, void or annul the approval of this application or adoption of the environmental document which accompanies it. The indemnification shall include, but not be limited to, damages, costs, expenses, attorney fees or expert witness fees that may be asserted by any person or entity, including the applicant, arising out of or in connection with the approval of this application, whether or not there is concurrent, passive or active negligence on the part of the County, its agents, officers, attorneys, employees, boards and commissions.

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Date

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Applicant





**COUNTY OF MENDOCINO**  
**DEPARTMENT OF PLANNING & BUILDING SVCS.**

860 NORTH BUSH STREET • UKIAH, CALIFORNIA 95482  
120 WEST FIR STREET • FORT BRAGG, CALIFORNIA 95437

IGNACIO GONZALEZ, INTERIM DIRECTOR  
JULIA ACKER-KROG, ASSISTANT DIRECTOR  
PHONE: 707-234-6650  
FAX: 707-463-5709  
FB PHONE: 707-964-5379  
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[www.mendocinocounty.org/pbs](http://www.mendocinocounty.org/pbs)

ACKNOWLEDGEMENT OF DEPOSIT/HOURLY FEE

By signing below, the applicant acknowledges that the staff at Planning and Building Services has discussed the potential for collection of a deposit fee for the projects listed below (as adopted by the Board of Supervisors Resolution No.'s 11-072, 16-150, 18-122 and 19-170)

1. Division of Land Project
2. General Plan Project
3. Coastal Project
4. Zoning Project
5. Administrative Project
6. Cannabis Project
7. Private Road Naming

Once an application has been submitted and the processing costs approach 80% of the application fee, additional staff processing time will be billed at \$90.00/hour. Staff will notify the applicant/owner that a deposit equal to 50% of the initial filing fee is required for further processing, and more than one deposit may be required depending on the complexity of the project and the staff time necessary to complete application processing.

*I acknowledge that I was advised of the deposit fee for continued processing after the initial application fee has been expended.*

*Jaelyn Bellicitti*

Applicant Signature

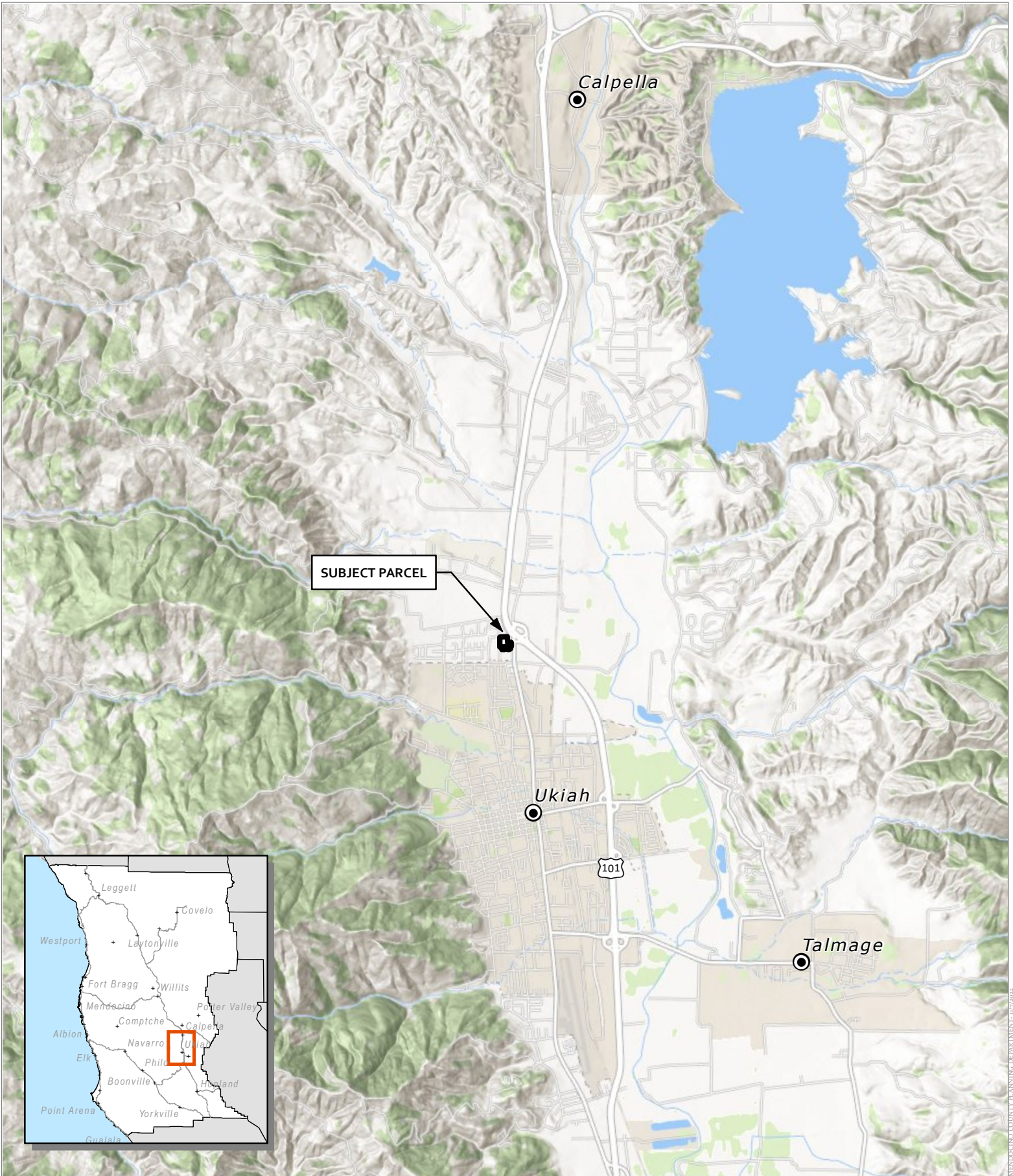
11/1/22

Date

**OFFICE USE ONLY:**

\_\_\_\_\_  
Project or Permit Number





SUBJECT PARCEL

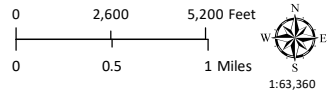
Calpella

Ukiah

Talmage



Major Towns & Places



**CASE: AP 2022-0047**  
**OWNER: Faizan Corp**  
**APN: 170-120-12**  
**APLCT: AT&T**  
**AGENT: Jaclyn Bellicitti**  
**ADDRESS: 1460 Lover's Ln., Ukiah**

LOCATION

**THIS MAP AND DATA ARE PROVIDED WITHOUT WARRANTY OF ANY KIND.**  
**DO NOT USE THIS MAP TO DETERMINE LEGAL PROPERTY BOUNDARIES**

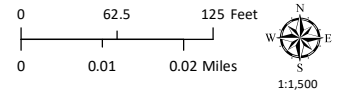
MENDOCINO COUNTY PLANNING DEPARTMENT - 11/7/2023





**CASE: AP 2022-0047**  
**OWNER: Faizan Corp**  
**APN: 170-120-12**  
**APLCT: AT&T**  
**AGENT: Jaclyn Bellicitti**  
**ADDRESS: 1460 Lover's Ln., Ukiah**

- Public Roads
- Private Roads
- Approved Wireless Sites



**AERIAL IMAGERY**

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**DO NOT USE THIS MAP TO DETERMINE LEGAL PROPERTY BOUNDARIES**

MENDOCINO COUNTY PLANNING DEPARTMENT 11/7/2023

**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 THESE CODES.

- CALIFORNIA BUILDING STANDARDS CODE: 2019 TRIENNIAL EDITION OF TITLE 24, WITH AN EFFECTIVE DATE OF JANUARY 1, 2020.
  - PART 1 - CALIFORNIA ADMINISTRATIVE CODE
  - PART 2 - CALIFORNIA BUILDING CODE, BASED ON THE 2018 INTERNATIONAL BUILDING CODE
  - PART 2.5 - CALIFORNIA RESIDENTIAL CODE, BASED ON THE 2018 INTERNATIONAL RESIDENTIAL CODE
  - PART 3 - CALIFORNIA ELECTRICAL CODE, BASED ON THE 2017 NATIONAL ELECTRICAL CODE
  - PART 4 - CALIFORNIA MECHANICAL CODE, BASED ON THE 2018 UNIFORM MECHANICAL CODE
  - PART 5 - CALIFORNIA PLUMBING CODE, BASED ON THE 2018 UNIFORM PLUMBING CODE
  - PART 6 - CALIFORNIA ENERGY CODE
  - PART 7 - VACANT
  - PART 8 - CALIFORNIA HISTORICAL BUILDING CODE
  - PART 9 - CALIFORNIA FIRE CODE, BASED ON THE 2018 INTERNATIONAL FIRE CODE
  - PART 10 - CALIFORNIA EXISTING BUILDING CODE, BASED ON THE 2018 INTERNATIONAL EXISTING BUILDING CODE
  - PART 11 - CALIFORNIA GREEN BUILDING STANDARDS CODE (ALSO KNOWN AS CALGREEN)
  - PART 12 - CALIFORNIA REFERENCED STANDARDS CODE
- ANSI/TIA-222 (REV H)
- 2018 NFPA 101, LIFE SAFETY CODE
- 2019 NFPA 72, NATIONAL FIRE ALARM AND SIGNALING CODE
- 2019 NFPA 13, STANDARD FOR THE INSTALLATION OF SPRINKLER SYSTEMS



**RECEIVED**  
DEC 08 2022

Planning & Building Services

**SITE NUMBER:** CCL00916  
**SITE NAME:** UKIAH NORTH  
**SITE TYPE:** BILLBOARD SIGN / OUTDOOR EQUIPMENT  
**1460 LOVERS LANE**  
**ADDRESS:** UKIAH, CA 95482

USID: 99468  
 FA#: 10130027  
 5G NR 1SR CBAND  
 PTN#: 3701A154PB  
 PACE#: MRSFR094611  
 5G NR 1SR CBAND  
 PTN#: 3701A15493  
 PACE#: MRSFR094841  
 4TXX ANTENNA RETROFIT  
 PTN#: 3701A135B9  
 PACE#: MRSFR091534  
 BWE TOWER TOP RRH ADD  
 PTN#: 3701A135BV  
 PACE#: MRSFR091530

**APPROVALS**

THE FOLLOWING PARTIES HEREBY APPROVE AND ACCEPT THESE DOCUMENTS & AUTHORIZE THE SUBCONTRACTOR TO PROCEED WITH CONSTRUCTION DESCRIBED HEREIN. ALL DOCUMENTS ARE SUBJECT TO REVIEW BY LOCAL BUILDING DEPARTMENT & MAY IMPOSE CHANGES AND MODIFICATIONS.

DISCIPLINE:	SIGNATURE	DATE
RF ENGINEER:		
AT&T PM:		
CIVIL:		
A&E:		
SAQ PM:		
PROPERTY OWNER:		

PREPARED FOR

5001 EXECUTIVE PKWY.  
SAN RAMON CA 94583

Vendor:

23 MAUCHLY, SUITE 110  
IRVINE, CALIFORNIA 92618  
P-075481

AT&T Site ID:

**CCL00916**

**PROJECT TEAM**

**APPLICANT / LESSEE:**  
 AT&T MOBILITY SERVICES, LLC  
 5001 EXECUTIVE PKWY.  
 SAN RAMON, CA 94583  
 CONTACT: DIANE DUSKIN  
 Site Acquisition Manager  
 EMAIL: dd231x@att.com  
 CELL: (925) 277-6182

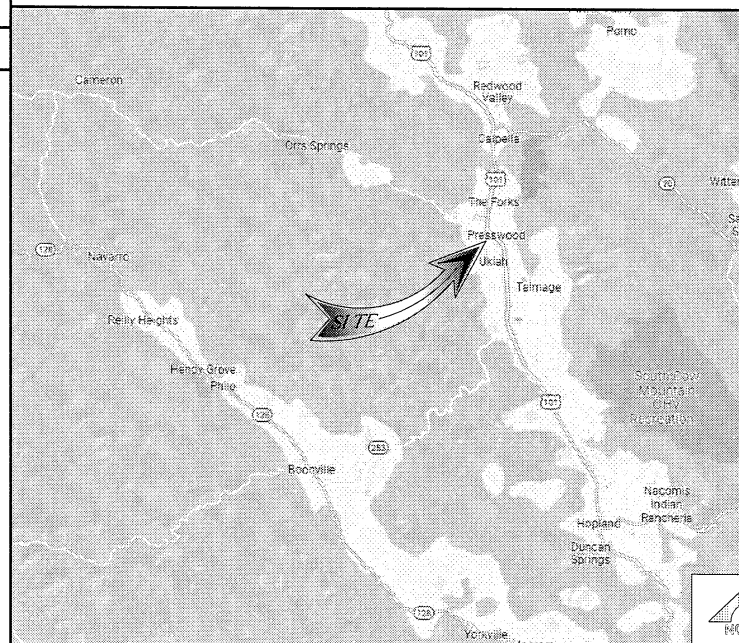
**PROJECT MANAGER, LEASING & ZONING:**  
 J5 INFRASTRUCTURE PARTNERS  
 23 MAUCHLY, SUITE 110  
 IRVINE, CA 92618  
 CONTACT: CHARLENE SCHLAGER  
 EMAIL: cschlag@j5ip.com  
 PH: (773) 732-5497

**CONSTRUCTION MANAGER:**  
 AT&T MOBILITY SERVICES, LLC  
 5001 EXECUTIVE PKWY.  
 SAN RAMON, CA 94583  
 CONTACT: DAVID KOCH  
 Sr. Specialist-Tech  
 EMAIL: dk5751@att.com  
 CELL: (925) 353-0172

**A&E MANAGER:**  
 J5 INFRASTRUCTURE PARTNERS  
 23 MAUCHLY, SUITE 110  
 IRVINE, CA 92618  
 contact: JEFF CLARK  
 email: jclark@j5ip.com  
 ph: (949) 302-9801

**RF ENGINEER:**  
 AT&T MOBILITY SERVICES, LLC  
 5001 EXECUTIVE PKWY.  
 SAN RAMON, CA 94583  
 CONTACT: SAGAR BONDE  
 RAN DESIGN & RF ENGINEER -  
 NCAL MARKET / AT&T MOBILITY  
 EMAIL: sb970@att.com  
 PH: (323) 547-5845

**VICINITY MAP**



**LOCAL MAP**



**PROJECT DESCRIPTION**

MODIFICATION TO AN UNMANNED TELECOMMUNICATIONS FACILITY, CONSISTING OF THE FOLLOWING:

**ANTENNA LOCATION:**

- REMOVE (3) EXISTING ANTENNAS PER SECTOR (TOTAL-9)
- REMOVE (1) EXISTING RRUS 11 B12 PER SECTOR (TOTAL-3)
- REMOVE (1) EXISTING TMA PER SECTOR (TOTAL-3)
- INSTALL (4) NEW ANTENNAS PER SECTOR (TOTAL-12)
- INSTALL (1) NEW RRUS 4478 B12A PER SECTOR (TOTAL-3)
- INSTALL (1) NEW RRUS 4415 B25 PER SECTOR (TOTAL-3)
- INSTALL (1) NEW DC9 SQUID
- INSTALL (2) NEW #6 AWG DC POWER TRUNKS
- INSTALL (1) NEW FIBER TRUNK

**EQUIPMENT LOCATION:**

- INSTALL (4) NEW RECTIFIERS IN EXISTING DC POWER PLANT
- INSTALL (2) NEW 2P CIRCUIT BREAKER IN AC PANEL
- INSTALL (1) NEW 6630 BBU IN EXISTING RACK
- INSTALL (1) NEW 6648 BBU IN EXISTING RACK

REV	DATE	DESCRIPTION	INT.
1	08/10/22	100% CD	MM3
0	06/16/22	100% CD	BH
A	05/04/22	90% CD	BH

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 1460 LOVERS LANE  
 UKIAH, CA 95482

Sheet Title:

**TITLE SHEET**

Sheet Number:

**T-1**

**SITE INFORMATION**

**PROPERTY OWNER:**  
 FAIZAN CORP.  
 390 E GOBBI STREET  
 UKIAH, CA 95482

**JURISDICTION:** MENDOCINO COUNTY  
**A.P.N.:** 170-120-12  
**CURRENT ZONING:** LIMITED INDUSTRIAL  
**EXISTING USE:** MULTIUSE  
**PROPOSED USE:** MULTIUSE, COMMUNICATIONS FACILITY  
**LATITUDE (NAD 83):** 39.1706111°  
 39° 10' 13.19996" N  
**LONGITUDE (NAD 83):** -123.2129169°  
 123° 12' 46.50084" W

**ACCESSIBILITY REQUIREMENTS:** FACILITY IS UNMANNED AND NOT FOR HUMAN HABITATION. ACCESSIBILITY IS NOT REQUIRED PER CBC2019, SECTION 11B-203.4 (LIMITED ACCESS SPACE)

**POWER AGENCY:** PG&E  
**PHONE:** (800) 743-5000

**TELEPHONE AGENCY:** AT&T  
**RFDS VERSION:** 2.00  
**DATE CREATED:** 02/13/22  
**UPDATED:** 05/04/22

**GENERAL CONTRACTOR NOTES**

DO NOT SCALE DRAWINGS  
 THESE PLANS ARE FORMATTED TO BE FULL SIZE AT 24" X 36". CONTRACTORS SHALL VERIFY ALL PLANS AND EXISTING DIMENSIONS AND CONDITIONS ON THE JOB SITE AND SHALL IMMEDIATELY NOTIFY THE ARCHITECT/ENGINEER IN WRITING OF ANY DISCREPANCIES BEFORE PROCEEDING WITH THE WORK OR MATERIAL ORDERS OR BE RESPONSIBLE FOR THE SAME.

**GENERAL NOTES**

THE FACILITY IS UNMANNED AND NOT FOR HUMAN HABITATION. A TECHNICIAN WILL VISIT THE SITE AS REQUIRED FOR ROUTINE MAINTENANCE. THE PROJECT WILL NOT RESULT IN ANY SIGNIFICANT DISTURBANCE OR EFFECT ON DRAINAGE; NO SANITARY SEWER SERVICE, POTABLE WATER, OR TRASH DISPOSAL IS REQUIRED AND NO COMMERCIAL SIGNAGE IS PROPOSED.

**STATEMENTS**

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

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

**DRIVING DIRECTIONS**

DIRECTIONS FROM AT&T OFFICE: 5001 EXECUTIVE PKWY, SAN RAMON CA 94583  
 \*\*\*THIS ROUTE HAS TOLLS\*\*\*

- TURN RIGHT ONTO EXECUTIVE PKWY
- TURN LEFT ONTO CAMINO RAMON
- USE THE LEFT TWO LANES TO TURN LEFT ONTO CROW CANYON ROAD
- USE THE RIGHT TWO LANES TO MERGE ONTO I-680 N VIA THE RAMP TO SACRAMENTO
- MERGE ONTO I-680 N
- TAKE EXIT 46A FOR SLATE ROUTE 24 TOWARD SAN FRANCISCO
- TAKE EXIT 2B TO MERGE ONTO I-580 W TOWARD BERKELY/SACRAMENTO
- TAKE EXIT 13B FOR I-580 TOWARD SAN RAFAEL/POINT RICHMOND
- CONTINUE ONTO I-580 W
- MERGE ONTO US-101 N
- CONTINUE ONTO US-101 N
- TAKE EXIT 551 FOR N STATE STREET
- TURN LEFT ONTO N STATE STREET
- TURN RIGHT ONTO KUKI LANE
- TURN RIGHT ONTO N LOVERS LANE
- TURN LEFT ONTO FEED LOT LANE

800-227-2600  
 Call 2 Full Working Days In Advance



GENERAL CONSTRUCTION NOTES:

- PLANS ARE INTENDED TO BE DIAGRAMMATIC OUTLINE ONLY. UNLESS NOTED OTHERWISE, THE WORK SHALL INCLUDE FURNISHING MATERIALS, EQUIPMENT, APPURTENANCES AND LABOR NECESSARY TO COMPLETE ALL INSTALLATIONS AS INDICATED ON THE DRAWINGS.
- THE CONTRACTOR SHALL OBTAIN, IN WRITING, AUTHORIZATION TO PROCEED BEFORE STARTING WORK ON ANY ITEM NOT CLEARLY DEFINED OR IDENTIFIED BY THE CONTRACT DOCUMENTS.
- CONTRACTOR SHALL CONTACT USA (UNDERGROUND SERVICE ALERT) AT (800) 227-2600, FOR UTILITY LOCATIONS, 48 HOURS BEFORE PROCEEDING WITH ANY EXCAVATION, SITE WORK OR CONSTRUCTION.
- THE CONTRACTOR SHALL INSTALL ALL EQUIPMENT AND MATERIALS IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS UNLESS SPECIFICALLY INDICATED OTHERWISE, OR WHERE LOCAL CODES OR REGULATIONS TAKE PRECEDENCE.
- ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE CBC / UBC'S REQUIREMENTS REGARDING EARTHQUAKE RESISTANCE, FOR, BUT NOT LIMITED TO, PIPING, LIGHT FIXTURES, CEILING GRID, INTERIOR PARTITIONS, AND MECHANICAL EQUIPMENT. ALL WORK MUST COMPLY WITH LOCAL EARTHQUAKE CODES AND REGULATIONS.
- REPRESENTATIONS OF TRUE NORTH, OTHER THAN THOSE FOUND ON THE PLOT OF SURVEY DRAWINGS, SHALL NOT BE USED TO IDENTIFY OR ESTABLISH BEARING OF TRUE NORTH AT THE SITE. THE CONTRACTOR SHALL RELY SOLELY ON THE PLOT OF SURVEY DRAWING AND ANY SURVEYOR'S MARKINGS AT THE SITE FOR THE ESTABLISHMENT OF TRUE NORTH, AND SHALL NOTIFY THE ARCHITECT / ENGINEER PRIOR TO PROCEEDING WITH THE WORK IF ANY DISCREPANCY IS FOUND BETWEEN THE VARIOUS ELEMENTS OF THE WORKING DRAWINGS AND THE TRUE NORTH ORIENTATION AS DEPICTED ON THE CIVIL SURVEY. THE CONTRACTOR SHALL ASSUME SOLE LIABILITY FOR ANY FAILURE TO NOTIFY THE ARCHITECT / ENGINEER.
- THE BUILDING DEPARTMENT ISSUING THE PERMITS SHALL BE NOTIFIED AT LEAST TWO WORKING DAYS PRIOR TO THE COMMENCEMENT OF WORK, OR AS OTHERWISE STIPULATED BY THE CODE ENFORCEMENT OFFICIAL HAVING JURISDICTION.
- DO NOT EXCAVATE OR DISTURB BEYOND THE PROPERTY LINES OR LEASE LINES, UNLESS OTHERWISE NOTED.
- ALL EXISTING UTILITIES, FACILITIES, CONDITIONS, AND THEIR DIMENSIONS SHOWN ON THE PLAN HAVE BEEN PLOTTED FROM AVAILABLE RECORDS. THE ARCHITECT / ENGINEER AND THE OWNER ASSUME NO RESPONSIBILITY WHATSOEVER AS TO THE SUFFICIENCY OR THE ACCURACY OF THE INFORMATION SHOWN ON THE PLANS, OR THE MANNER OF THEIR REMOVAL OR ADJUSTMENT. CONTRACTORS SHALL BE RESPONSIBLE FOR DETERMINING EXACT LOCATION OF ALL EXISTING UTILITIES AND FACILITIES PRIOR TO START OF CONSTRUCTION. CONTRACTORS SHALL ALSO OBTAIN FROM EACH UTILITY COMPANY DETAILED INFORMATION RELATIVE TO WORKING SCHEDULES AND METHODS OF REMOVING OR ADJUSTING EXISTING UTILITIES.
- CONTRACTOR SHALL VERIFY ALL EXISTING UTILITIES, BOTH HORIZONTAL AND VERTICALLY, PRIOR TO THE START OF CONSTRUCTION. ANY DISCREPANCIES OR DOUBTS AS TO THE INTERPRETATION OF PLANS SHOULD BE IMMEDIATELY REPORTED TO THE ARCHITECT / ENGINEER FOR RESOLUTION AND INSTRUCTION, AND NO FURTHER WORK SHALL BE PERFORMED UNTIL THE DISCREPANCY IS CHECKED AND CORRECTED BY THE ARCHITECT / ENGINEER. FAILURE TO SECURE SUCH INSTRUCTION MEANS CONTRACTOR WILL HAVE WORKED AT HIS/HER OWN RISK AND EXPENSE.
- ALL NEW AND EXISTING UTILITY STRUCTURES ON SITE AND IN AREAS TO BE DISTURBED BY CONSTRUCTION SHALL BE ADJUSTED TO FINISH ELEVATIONS PRIOR TO FINAL INSPECTION OF WORK.
- ANY DRAIN AND/OR FIELD TILE ENCOUNTERED / DISTURBED DURING CONSTRUCTION SHALL BE RETURNED TO ITS ORIGINAL CONDITION PRIOR TO COMPLETION OF WORK. SIZE, LOCATION AND TYPE OF ANY UNDERGROUND UTILITIES OR IMPROVEMENTS SHALL BE ACCURATELY NOTED AND PLACED ON "AS-BUILT" DRAWINGS BY GENERAL CONTRACTOR, AND ISSUED TO THE ARCHITECT / ENGINEER AT COMPLETION OF PROJECT.
- ALL TEMPORARY EXCAVATIONS FOR THE INSTALLATION OF FOUNDATIONS, UTILITIES, ETC., SHALL BE PROPERLY LAID BACK OR BRACED IN ACCORDANCE WITH CORRECT OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA) REQUIREMENTS.
- INCLUDE MISC. ITEMS PER AT&T SPECIFICATIONS

APPLICABLE CODES, REGULATIONS AND STANDARDS:

- SUBCONTRACTOR'S WORK SHALL COMPLY WITH ALL APPLICABLE NATIONAL, STATE, AND LOCAL CODES AS ADOPTED BY THE LOCAL AUTHORITY HAVING JURISDICTION (AHJ) FOR THE LOCATION.
- THE EDITION OF THE AHJ ADOPTED CODES AND STANDARDS IN EFFECT ON THE DATE OF CONTRACT AWARD SHALL GOVERN THE DESIGN.
- SUBCONTRACTOR'S WORK SHALL COMPLY WITH THE LATEST EDITION OF THE FOLLOWING STANDARDS:
  - AMERICAN CONCRETE INSTITUTE (ACI) 318, BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE
  - AMERICAN INSTITUTE OF STEEL CONSTRUCTION (AISC), MANUAL OF STEEL CONSTRUCTION, ASD, FIFTEENTH EDITION
  - TELECOMMUNICATIONS INDUSTRY ASSOCIATION (TIA) 222-H, STRUCTURAL STANDARD FOR STRUCTURAL ANTENNA TOWER AND ANTENNA SUPPORTING STRUCTURES
  - INSTITUTE FOR ELECTRICAL AND ELECTRONICS ENGINEERS (IEEE) 81, GUIDE FOR MEASURING EARTH RESISTIVITY, GROUND IMPEDANCE, AND EARTH SURFACE POTENTIALS OF A GROUND SYSTEM IEEE 1100 (1999) RECOMMENDED PRACTICE FOR POWERING AND GROUNDING OF ELECTRICAL EQUIPMENT.
  - IEEE C62.41, RECOMMENDED PRACTICES ON SURGE VOLTAGES IN LOW VOLTAGE AC POWER CIRCUITS (FOR LOCATION CATEGORY "C3" AND "HIGH SYSTEM EXPOSURE")
  - TIA 607 COMMERCIAL BUILDING GROUNDING AND BONDING REQUIREMENTS FOR TELECOMMUNICATIONS TELCORDIA GR-63 NETWORK
  - EQUIPMENT-BUILDING SYSTEM (NEBS): PHYSICAL PROTECTION
  - TELCORDIA GR-347 CENTRAL OFFICE POWER WIRING
  - TELCORDIA GR-1275 GENERAL INSTALLATION REQUIREMENTS
  - TELCORDIA GR-1503 COAXIAL CABLE CONNECTIONS
  - ANY AND ALL OTHER LOCAL & STATE LAWS AND REGULATIONS
  - FOR ANY CONFLICTS BETWEEN SECTIONS OF LISTED CODES AND STANDARDS REGARDING MATERIAL, METHODS OF CONSTRUCTION, OR OTHER REQUIREMENTS, THE MOST RESTRICTIVE SHALL GOVERN. WHERE THERE IS CONFLICT BETWEEN A GENERAL REQUIREMENT AND A SPECIFIC REQUIREMENT, THE SPECIFIC REQUIREMENT SHALL GOVERN.

A.B.	ANCHOR BOLT	FDN.	FOUNDATION	GRS.	RIGID GALVANIZED STEEL
ABV.	ABOVE	F.O.C.	FACE OF CONCRETE	SCH.	SCHEDULE
ACCA	ANTENNA CABLE COVER ASSEMBLY	F.O.M.	FACE OF MASONRY	SHT.	SHEET
ADD'L	ADDITIONAL	F.O.S.	FACE OF STUD	SIM.	SIMILAR
A.F.F.	ABOVE FINISHED FLOOR	F.O.W.	FACE OF WALL	SPEC.	SPECIFICATIONS
A.F.G.	ABOVE FINISHED GRADE	F.S.	FINISH SURFACE	SQ.	SQUARE
ALUM.	ALUMINUM	FT. ( ' )	FOOT (FEET)	S.S.	STAINLESS STEEL
ALT.	ALTERNATE	FIG.	FOOTING	STD.	STANDARD
ANT.	ANTENNA	G.	GROWTH (CABINET)	STL.	STEEL
APPRX.	APPROXIMATE(LY)	GA.	GAUGE	STRUC.	STRUCTURAL
ARCH.	ARCHITECT(URAL)	GI.	GALVANIZE(D)	TEMP.	TEMPORARY
AWG.	AMERICAN WIRE GAUGE	G.F.I.	GROUND FAULT CIRCUIT	THK.	THICK(NESS)
BLDG.	BUILDING	INTERRUPTER		T.N.	TOE NAIL
BLK.	BLOCK	GLB. (GLU-LAM)	GLUE LAMINATED BEAM	T.O.A.	TOP OF ANTENNA
BLKG.	BLOCKING	GPS	GLOBAL POSITIONING SYSTEM	T.O.C.	TOP OF CURB
BM.	BEAM	GRND.	GROUND	T.O.F.	TOP OF FOUNDATION
B.N.	BOUNDARY NAILING	HDR.	HEADER	T.O.P.	TOP OF PLATE (PARAPET)
BTCW.	BARE TINNED COPPER WIRE	HGR.	HANGER	T.O.S.	TOP OF STEEL
B.O.F.	BOTTOM OF FOOTING	HT.	HEIGHT	T.O.W.	TOP OF WALL
B/U	BACK-UP CABINET	ICGB.	ISOLATED COPPER GROUND BUS	TYP.	TYPICAL
CAB.	CABINET	IN. ( " )	INCH(ES)	U.G.	UNDER GROUND
CANT.	CANTILEVER(ED)	INT.	INTERIOR	U.L.	UNDERWRITERS LABORATORY
C.I.P.	CAST IN PLACE	LB.(#)	POUND(S)	U.N.O.	UNLESS NOTED OTHERWISE
CLG.	CEILING	L.B.	LAG BOLTS	V.I.F.	VERIFY IN FIELD
CLR.	CLEAR	L.F.	LINEAR FEET (FOOT)	W	WIDE (WIDTH)
COL.	COLUMN	L.	LONG(ITUDINAL)	w/	WITH
CONC.	CONCRETE	MAS.	MASONRY	WD.	WOOD
CONN.	CONNECTION(OR)	MAX.	MAXIMUM	W.P.	WEATHERPROOF
CONST.	CONSTRUCTION	M.B.	MACHINE BOLT	WT.	WEIGHT
CONT.	CONTINUOUS	MECH.	MECHANICAL	C	CENTERLINE
d	PENNY (NAILS)	MFR.	MANUFACTURER	E	PLATE, PROPERTY LINE
DBL.	DOUBLE	MIN.	MINIMUM		
DEPT.	DEPARTMENT	MISC.	MISCELLANEOUS		
D.F.	DOUGLAS FIR	MTL.	METAL		
DIA.	DIAMETER	(N)	NEW		
DIAG.	DIAGONAL	NO.(#)	NUMBER		
DIM.	DIMENSION	N.T.S.	NOT TO SCALE		
DWG.	DRAWING(S)	O.C.	ON CENTER		
DWL.	DOWEL(S)	OPNG.	OPENING		
EA.	EACH	P	PROPOSED		
EL.	ELEVATION	P/C	PRECAST CONCRETE		
ELEC.	ELECTRICAL	PCS	PERSONAL COMMUNICATION SERVICES		
ELEV.	ELEVATOR	PLY.	PLYWOOD		
EMT.	ELECTRICAL METALLIC TUBING	PPC	POWER PROTECTION CABINET		
E.N.	EDGE NAIL	PRC	PRIMARY RADIO CABINET		
ENG.	ENGINEER	P.S.F.	POUNDS PER SQUARE FOOT		
EQ.	EQUAL	P.S.I.	POUNDS PER SQUARE INCH		
EXP.	EXPANSION	P.T.	PRESSURE TREATED		
EXST.(E)	EXISTING	PWR.	POWER (CABINET)		
EXT.	EXTERIOR	QTY.	QUANTITY		
FAB.	FABRICATION(OR)	RAD.(R)	RADIUS		
F.F.	FINISH FLOOR	REF.	REFERENCE		
F.G.	FINISH GRADE	REINF.	REINFORCEMENT(ING)		
FIN.	FINISH(ED)	REQ'D/	REQUIRED		
FLR.	FLOOR				

SYMBOLS LEGEND:

	BLDG. SECTION		GROUT OR PLASTER
	WALL SECTION		(E) BRICK
	DETAIL		(E) MASONRY
	ELEVATION		CONCRETE
	DOOR SYMBOL		EARTH
	WINDOW SYMBOL		GRAVEL
	TILT-UP PANEL MARK		PLYWOOD
	PROPERTY LINE		SAND
	CENTERLINE		SAND
	ELEVATION DATUM		(E) STEEL
	GRID/COLUMN LINE		MATCH LINE
	KEYNOTE, DIMENSION ITEM		GROUND CONDUCTOR
	KEYNOTE, CONSTRUCTION ITEM		OVERHEAD SERVICE CONDUCTORS
	WALL TYPE MARK		TELEPHONE CONDUIT
	OFFICE		POWER CONDUIT
	ROOM NAME		COAXIAL CABLE
	ROOM NUMBER		CHAIN LINK FENCE
			WOOD FENCE
			(N) ANTENNA
			(N) RRU
			(N) DC SURGE SUPPRESSION
			(F) ANTENNA
			(F) RRU
			(E) EQUIPMENT

PREPARED FOR

5001 EXECUTIVE PKWY.  
SAN RAMON CA 94583

Vendor:

23 MAUCHLY, SUITE 110  
IRVINE, CALIFORNIA 92618

P-075481

AT&T Site ID:

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Sheet Title:

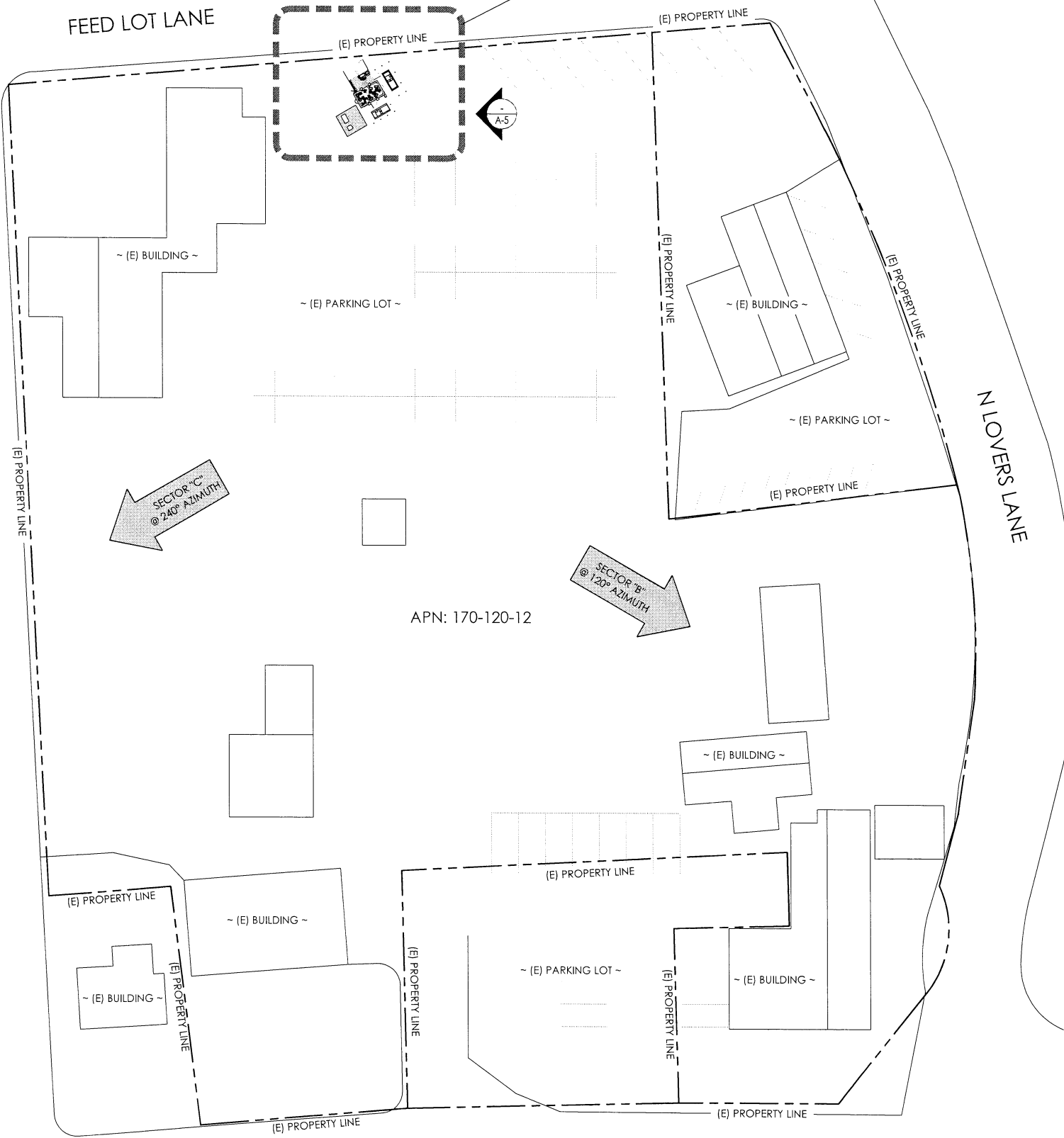
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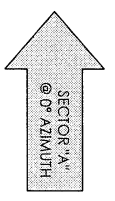
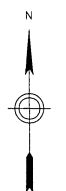
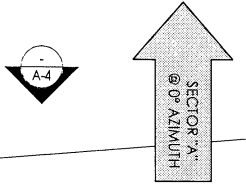
**GN-1**

**THIS IS NOT A SITE SURVEY**  
 ALL PROPERTY BOUNDARIES, ORIENTATION OF TRUE NORTH AND STREET HALF-WIDTHS HAVE BEEN OBTAINED FROM A TAX PARCEL MAP AND EXISTING DRAWINGS AND ARE APPROXIMATE.

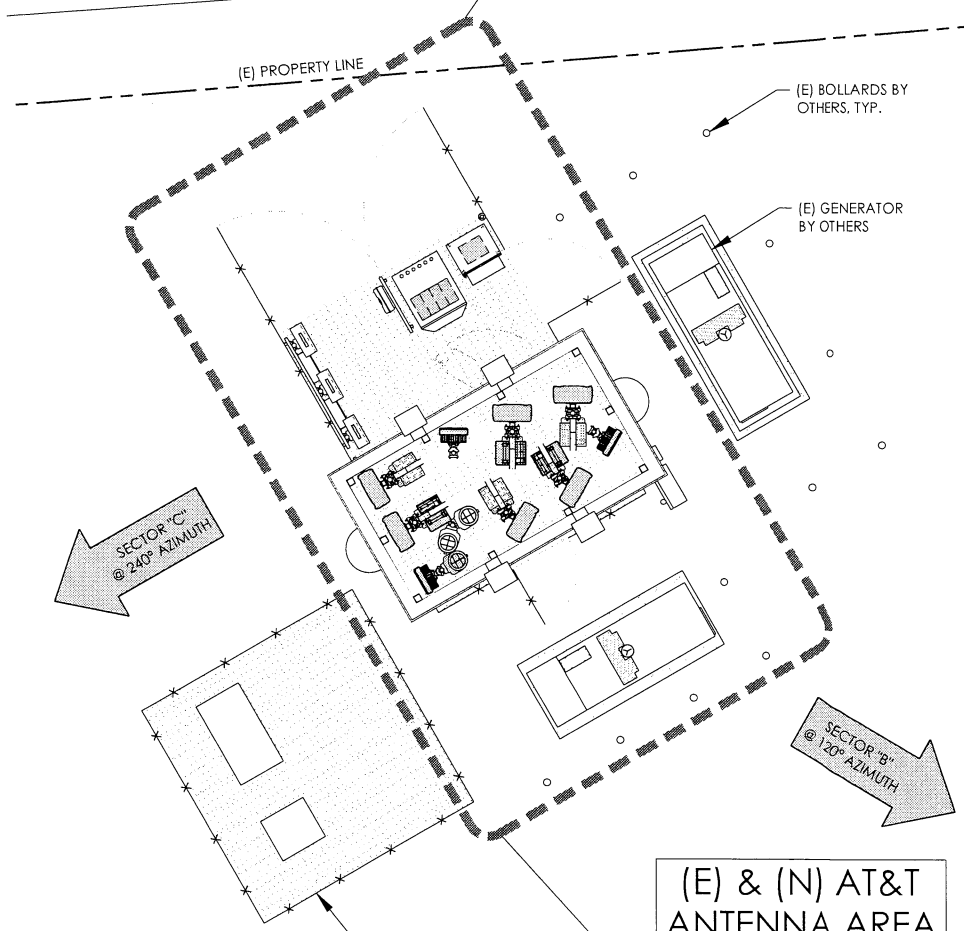
**(E) & (N) AT&T PROJECT AREA**  
 REFER TO ENLARGED PLAN ON SHEET A-2



1 OVERALL SITE PLAN  
 24"x36" SCALE: 1" = 30'-0"  
 11"x17" SCALE: 1" = 60'-0"  
 30' 15' 0' 30'



**(E) & (N) AT&T EQUIPMENT AREA**  
 REFER TO EQUIPMENT PLAN ON THIS SHEET



**(E) & (N) AT&T ANTENNA AREA**  
 REFER TO ANTENNA PLAN ON SHEET A-3

2 ENLARGED SITE PLAN  
 24"x36" SCALE: 1/4" = 1'-0"  
 11"x17" SCALE: 1/8" = 1'-0"  
 4' 3' 2' 1' 0' 4'

PREPARED FOR  
  
 5001 EXECUTIVE PKWY.  
 SAN RAMON CA 94583

Vendor:  
  
 23 MAUCHLY, SUITE 110  
 IRVINE, CALIFORNIA 92618  
 P-075481

AT&T Site ID:  
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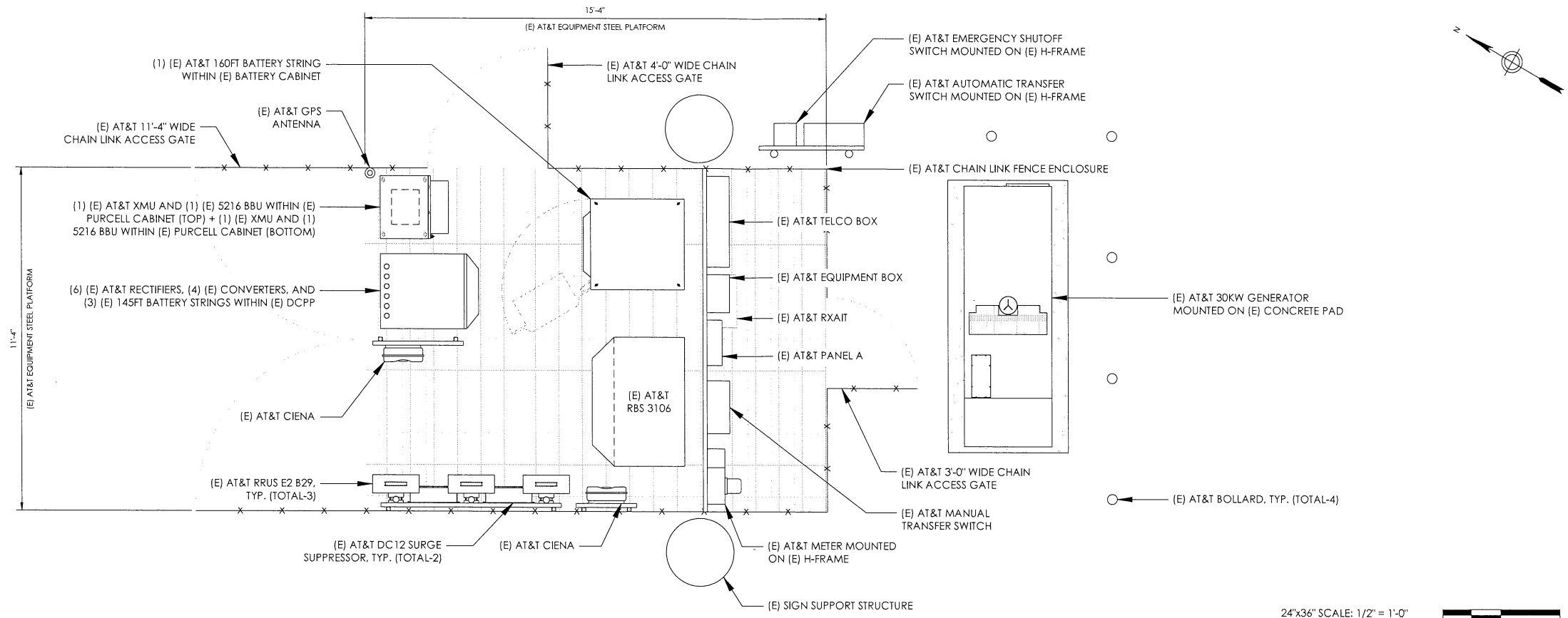
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Sheet Title:  
**SITE PLAN AND ENLARGED SITE PLAN**

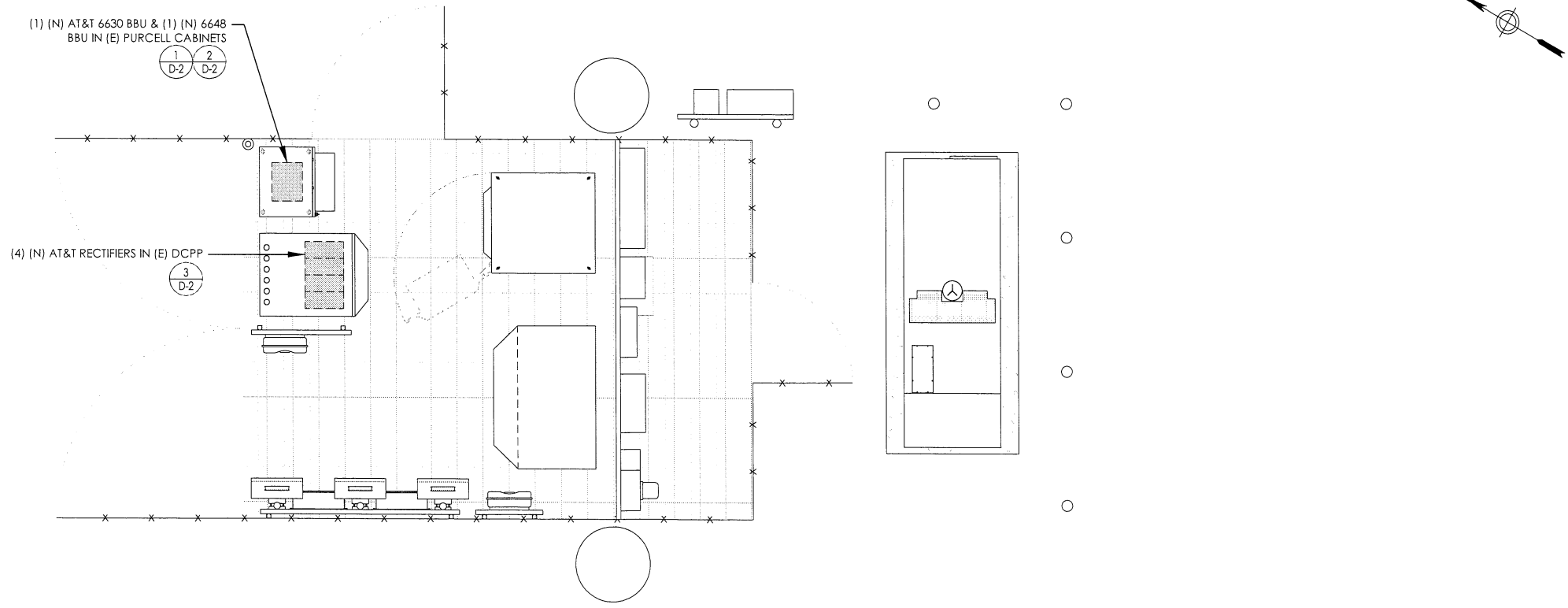
Sheet Number:  
**A-1**





1 EXISTING EQUIPMENT PLAN

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



2 PROPOSED EQUIPMENT PLAN

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

PREPARED FOR

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 SAN RAMON CA 94583

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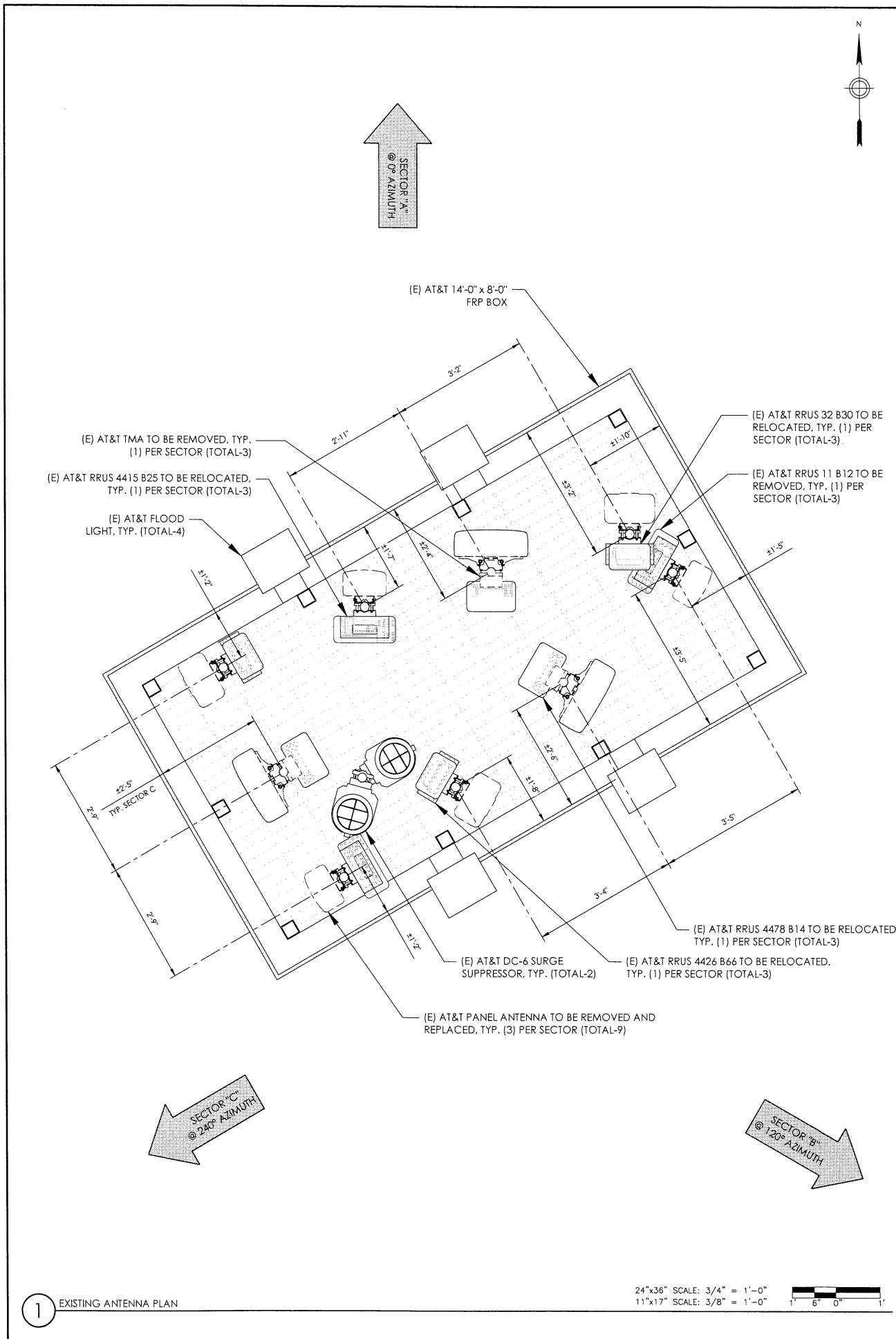
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Sheet Title:

**ENLARGED SITE PLAN & EQUIPMENT PLANS**

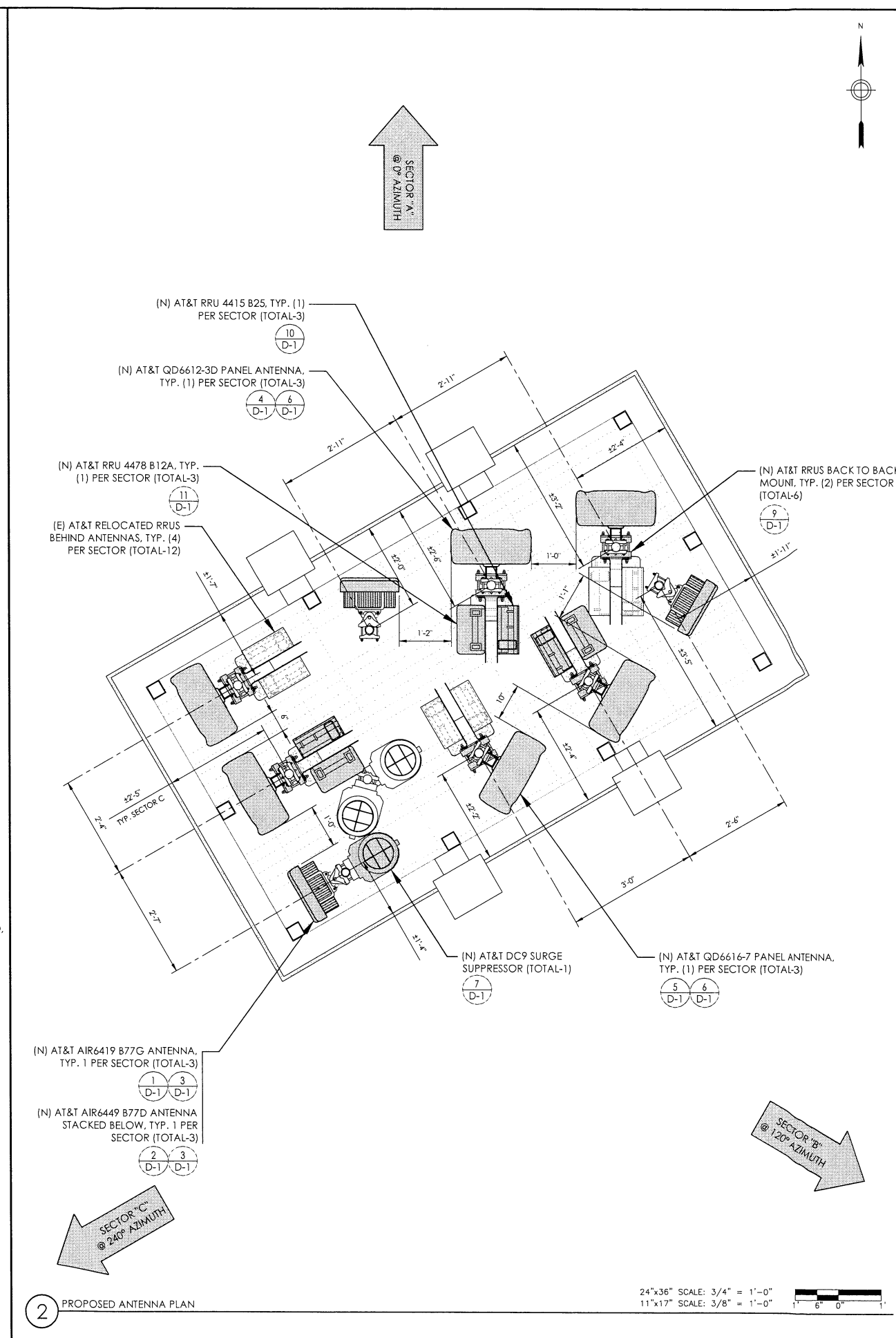
Sheet Number:

**A-2**



1 EXISTING ANTENNA PLAN

24"x36" SCALE: 3/4" = 1'-0"  
 11"x17" SCALE: 3/8" = 1'-0"  
 1" 6" 0"



2 PROPOSED ANTENNA PLAN

24"x36" SCALE: 3/4" = 1'-0"  
 11"x17" SCALE: 3/8" = 1'-0"  
 1" 6" 0"

PREPARED FOR

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Sheet Title:

**EXISTING & PROPOSED ANTENNA PLANS**

Sheet Number:

**A-3**

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

NOTE:  
 (E) ANTENNA AZIMUTHS ARE ESTIMATED AND ARE TO BE VERIFIED BY RF.

PREPARED FOR



5001 EXECUTIVE PKWY.  
 SAN RAMON CA 94583

Vendor:



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 IRVINE, CALIFORNIA 92618  
 P-075481

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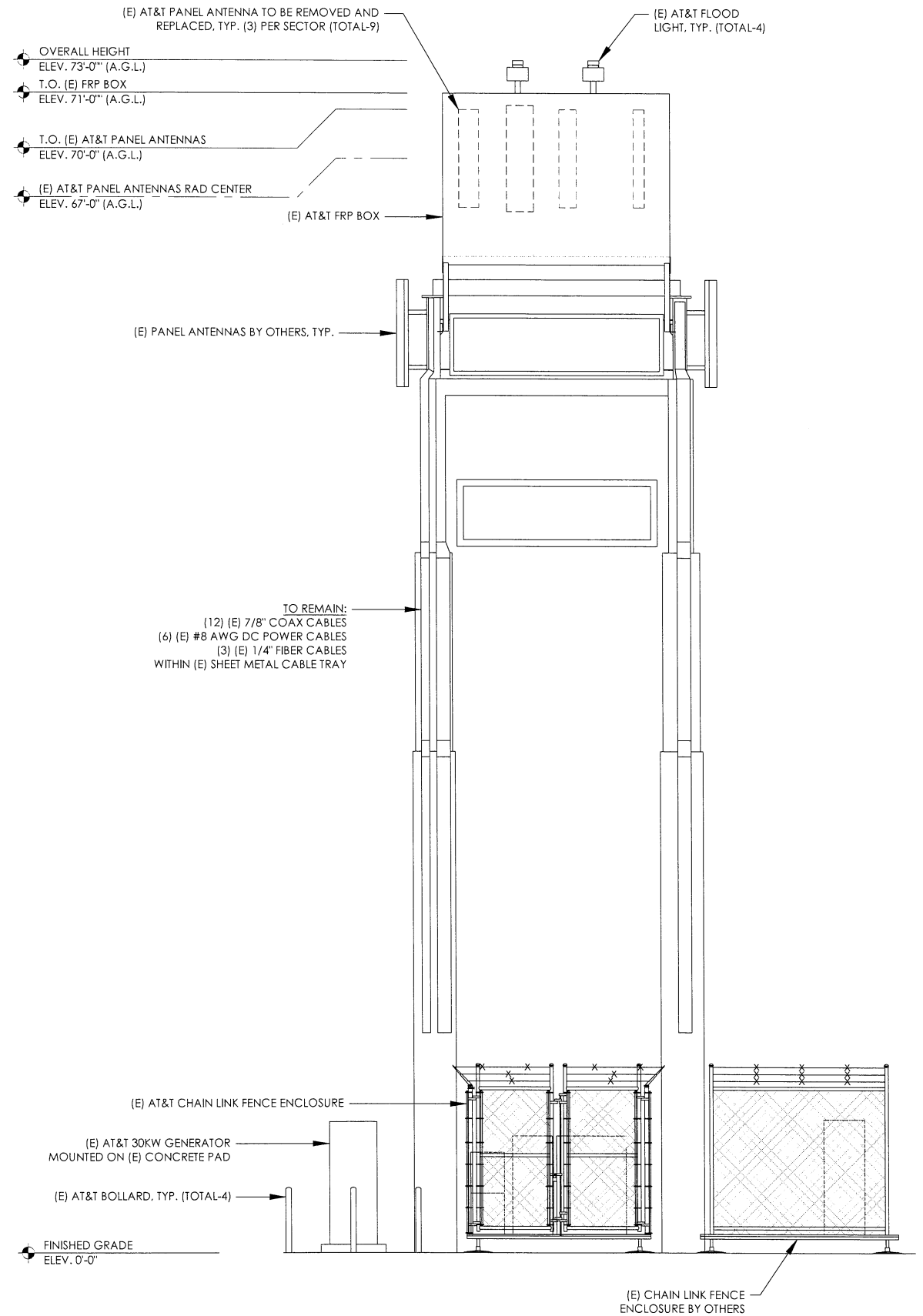
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Sheet Title:  
**PROPOSED RF SCHEDULE**

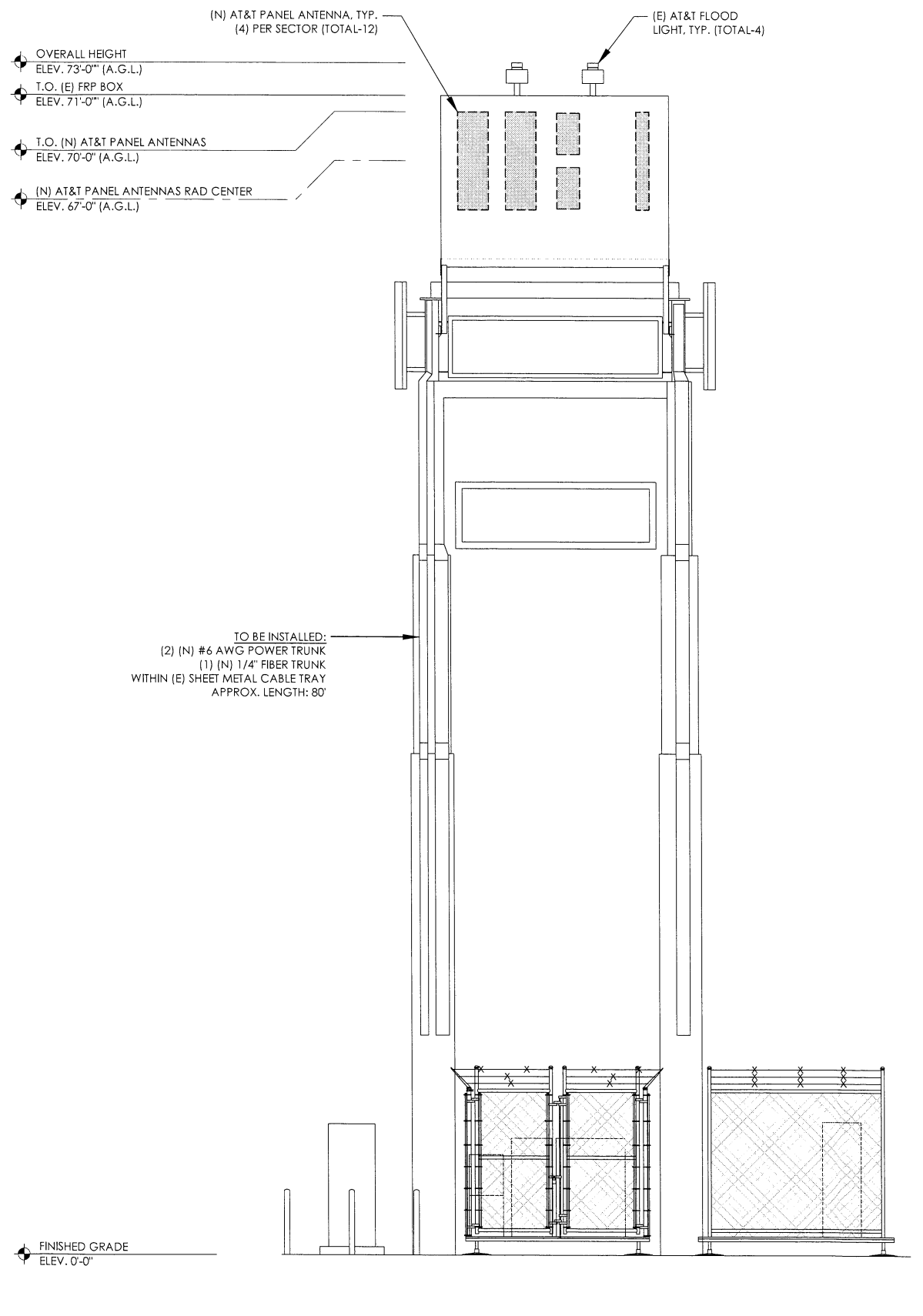
Sheet Number:  
**A-3.1**

Position	Antenna				RRU, TMA, Diplexer, Etc.				Additional Antenna Information				Line Information							
	Use Existing/ Swap/New	Type		Technology		Existing		Final		Azimuth		RAD Center		Coax Cables		Power/Fiber				
		Existing	Final	Existing	Final	Type	Location	Type	Location	Existing	Final	Existing	Final	Existing	Final	Existing	Final			
<b>ALPHA</b>																				
1	SWAP	COMMSCOPE SBJAH4-1D65B-DL	QUINTEL QD6616-7	LTE 700 DE LTE AWS LTE WCS	LTE 700 DE LTE AWS LTE 1900 LTE 700 FNET	(1) RRUS E2 B29 (1) RRUS 4426 B66 (1) RRUS 32 B30	BOTTOM TOP TOP	(1) RRUS E2 B29 (1) RRUS 4426 B66 (1) RRUS 4415 B25 (1) RRUS 4478 B14	BOTTOM TOP TOP	0	0	67	67	(12) 7/8" COAX CABLES	(12) 7/8" COAX CABLES	(6) #8 AWG DC POWER TRUNKS & (3) FIBER TRUNKS	(6) #8 AWG DC POWER TRUNKS & (3) FIBER TRUNKS (2) #6 AWG DC POWER TRUNKS + (1) FIBER TRUNK			
2	SWAP	KATHREIN 800-10965 K	QUINTEL QD6612-3D	LTE 700 FNET UMTS 1900	LTE 700 BC LTE 1900 LTE WCS	(1) RRUS 4478 B14 (1) KRY112 89/4	TOP TOP	(1) RRUS 4478 B12A (1) RRUS 4415 B25 (1) RRUS 32 B30	TOP TOP TOP	0	0	67	67							
3	SWAP	COMMSCOPE SBNHH-1D65B	AIR6419 B77G AIR6449 B77D (STACKED)	LTE 700 BC LTE 1900	DOD CBAND	(1) RRUS 11 B12 (1) RRUS 4415 B25	TOP TOP	(INTEGRATED)	N/A	0	0	67	67							
<b>BETA</b>																				
1	SWAP	COMMSCOPE SBJAH4-1D65B-DL	QUINTEL QD6616-7	LTE 700 DE LTE AWS LTE WCS	LTE 700 DE LTE AWS LTE 1900 LTE 700 FNET	(1) RRUS E2 B29 (1) RRUS 4426 B66 (1) RRUS 32 B30	BOTTOM TOP TOP	(1) RRUS E2 B29 (1) RRUS 4426 B66 (1) RRUS 4415 B25 (1) RRUS 4478 B14	BOTTOM TOP TOP	120	120	67	67							
2	SWAP	KATHREIN 800-10965 K	QUINTEL QD6612-3D	LTE 700 FNET UMTS 1900	LTE 700 BC LTE 1900 LTE WCS	(1) RRUS 4478 B14 (1) KRY112 89/4	TOP TOP	(1) RRUS 4478 B12A (1) RRUS 4415 B25 (1) RRUS 32 B30	TOP TOP TOP	120	120	67	67							
3	SWAP	COMMSCOPE SBNHH-1D65B	AIR6419 B77G AIR6449 B77D (STACKED)	LTE 700 BC LTE 1900	DOD CBAND	(1) RRUS 11 B12 (1) RRUS 4415 B25	TOP TOP	(INTEGRATED)	N/A	120	120	67	67							
<b>GAMMA</b>																				
1	SWAP	COMMSCOPE SBJAH4-1D65B-DL	QUINTEL QD6616-7	LTE 700 DE LTE AWS LTE WCS	LTE 700 DE LTE AWS LTE 1900 LTE 700 FNET	(1) RRUS E2 B29 (1) RRUS 4426 B66 (1) RRUS 32 B30	BOTTOM TOP TOP	(1) RRUS E2 B29 (1) RRUS 4426 B66 (1) RRUS 4415 B25 (1) RRUS 4478 B14	BOTTOM TOP TOP	240	240	67	67							
2	SWAP	KATHREIN 800-10965 K	QUINTEL QD6612-3D	LTE 700 FNET UMTS 1900	LTE 700 BC LTE 1900 LTE WCS	(1) RRUS 4478 B14 (1) KRY112 89/4	TOP TOP	(1) RRUS 4478 B12A (1) RRUS 4415 B25 (1) RRUS 32 B30	TOP TOP TOP	240	240	67	67							
3	SWAP	COMMSCOPE SBNHH-1D65B	AIR6419 B77G AIR6449 B77D (STACKED)	LTE 700 BC LTE 1900	DOD CBAND	(1) RRUS 11 B12 (1) RRUS 4415 B25	TOP TOP	(INTEGRATED)	N/A	240	240	67	67							



1 EXISTING NORTH ELEVATION

24"x36" SCALE: 1/4" = 1'-0"  
 11"x17" SCALE: 1/8" = 1'-0"  
 4' 3' 2' 1' 0' 4'



2 PROPOSED NORTH ELEVATION

24"x36" SCALE: 1/4" = 1'-0"  
 11"x17" SCALE: 1/8" = 1'-0"  
 4' 3' 2' 1' 0' 4'

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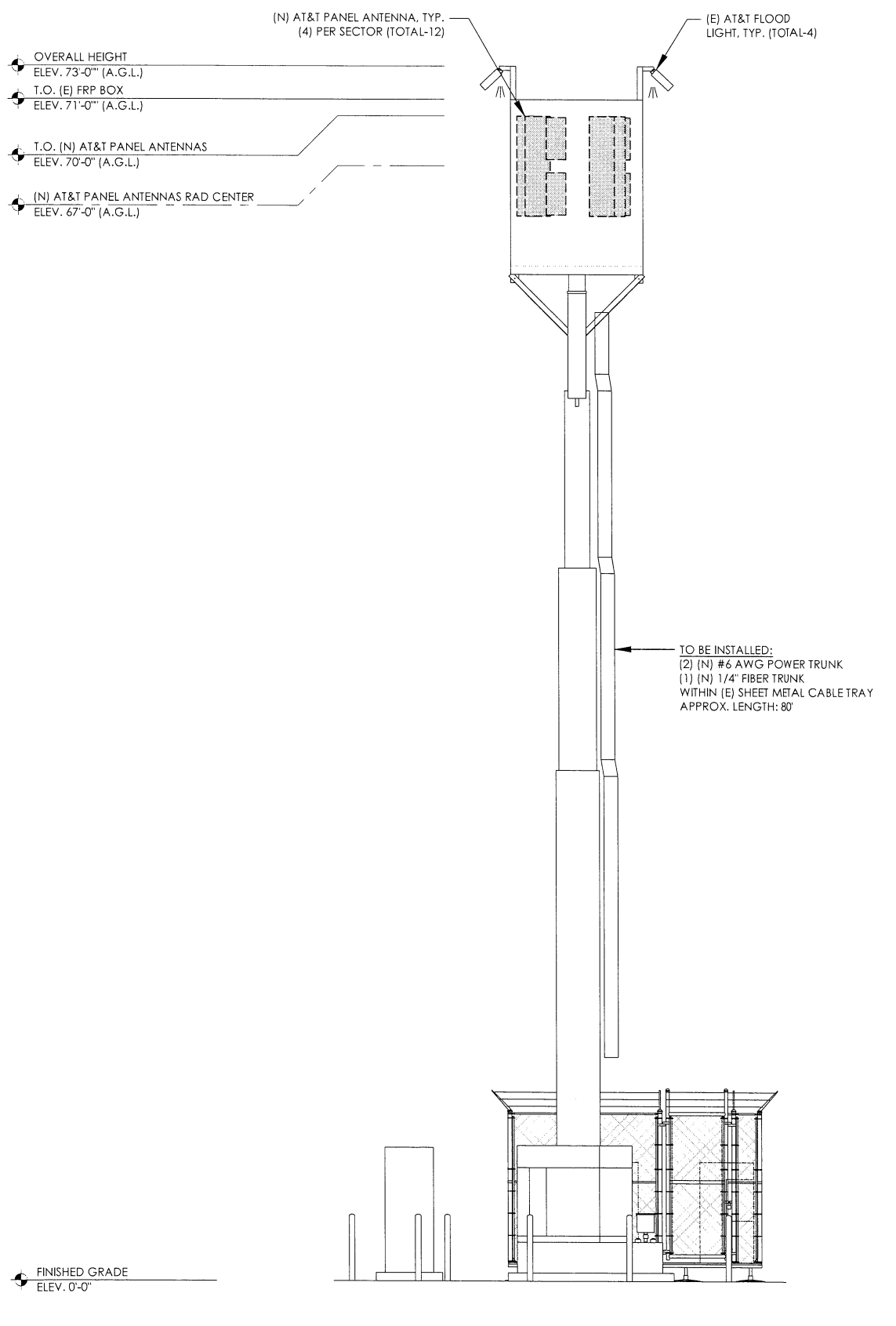
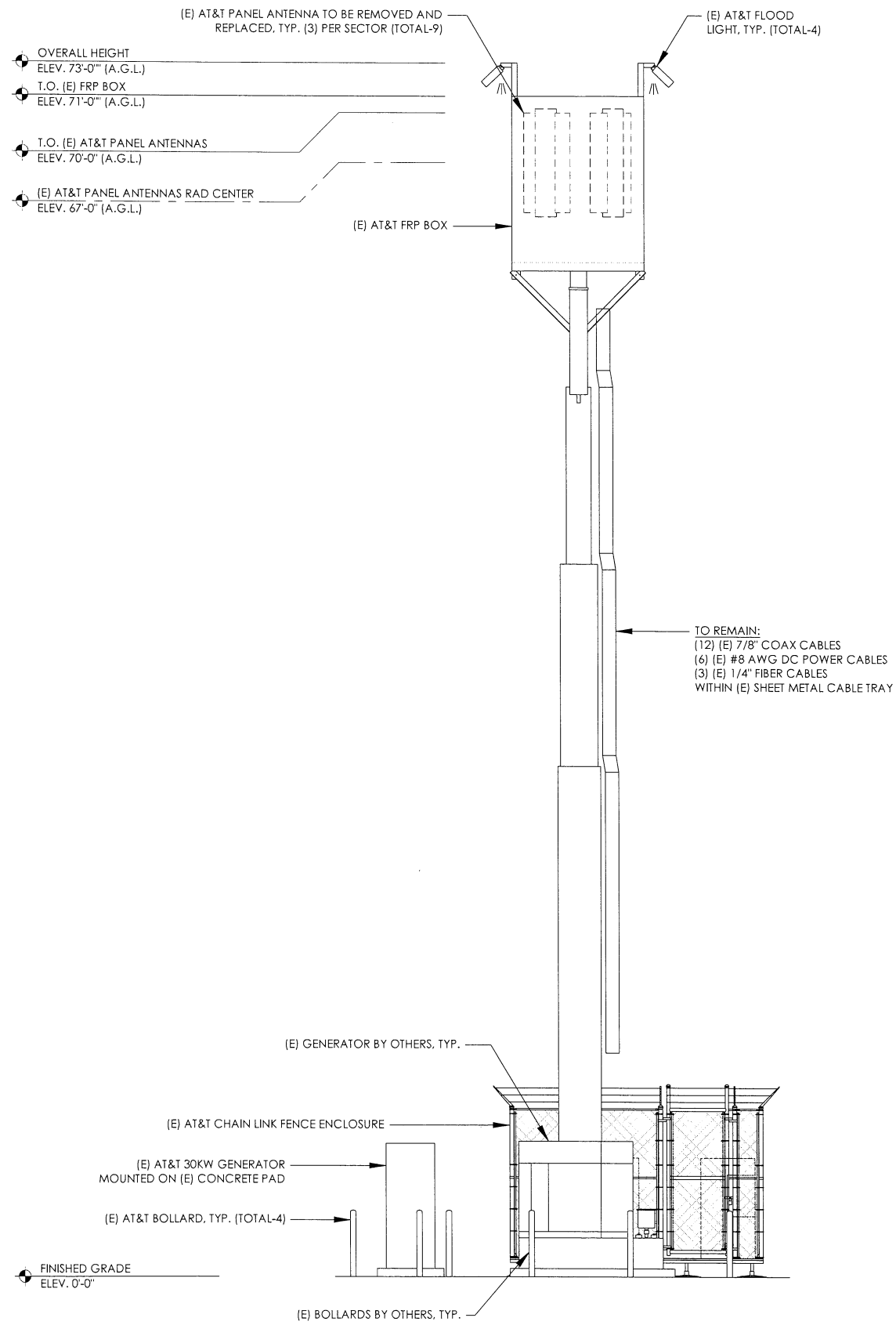
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Sheet Title:  
**NORTH ELEVATIONS**

Sheet Number:  
**A-4**



1 EXISTING EAST ELEVATION  
 24"x36" SCALE: 1/4" = 1'-0"  
 11"x17" SCALE: 1/8" = 1'-0"  
 4' 3' 2' 1' 0' 4'

2 PROPOSED EAST ELEVATION  
 24"x36" SCALE: 1/4" = 1'-0"  
 11"x17" SCALE: 1/8" = 1'-0"  
 4' 3' 2' 1' 0' 4'

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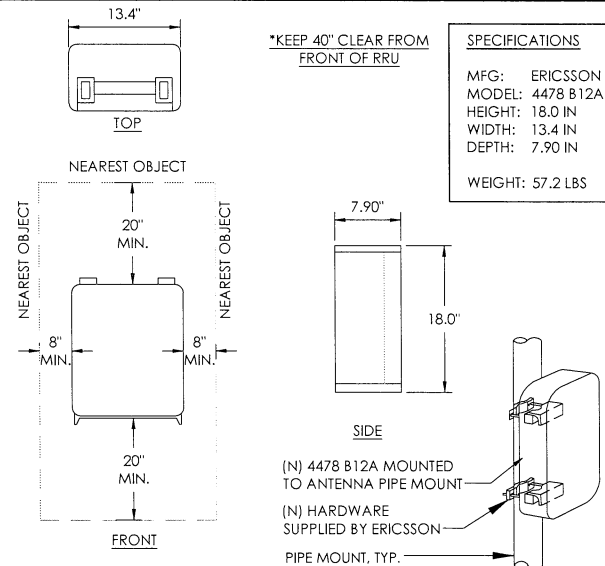
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**A-5**

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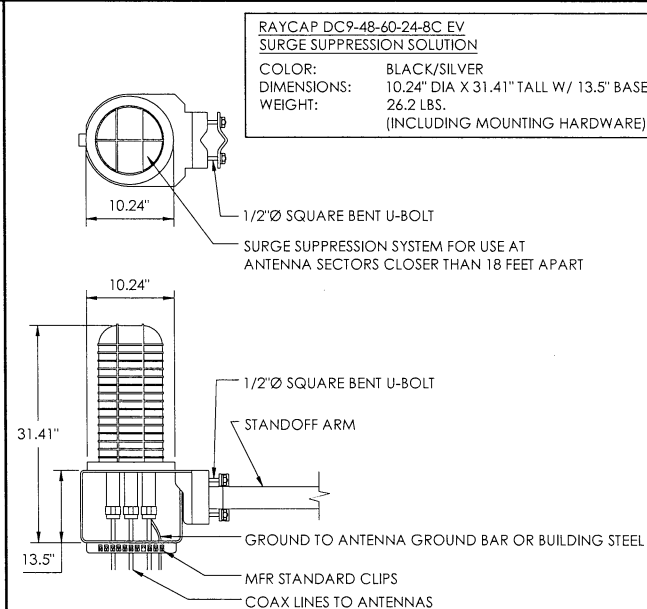
9 RRU MOUNTING BRACKET (BACK TO BACK)  
N.T.S.

6 ANTENNA MOUNTING DETAIL  
N.T.S.

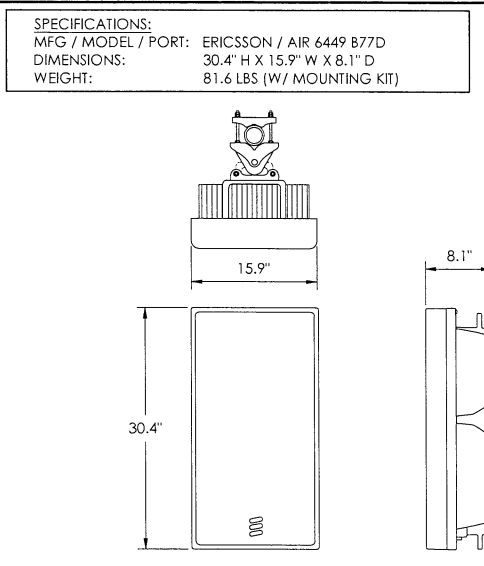
3 AIR ANTENNA MOUNT  
N.T.S.



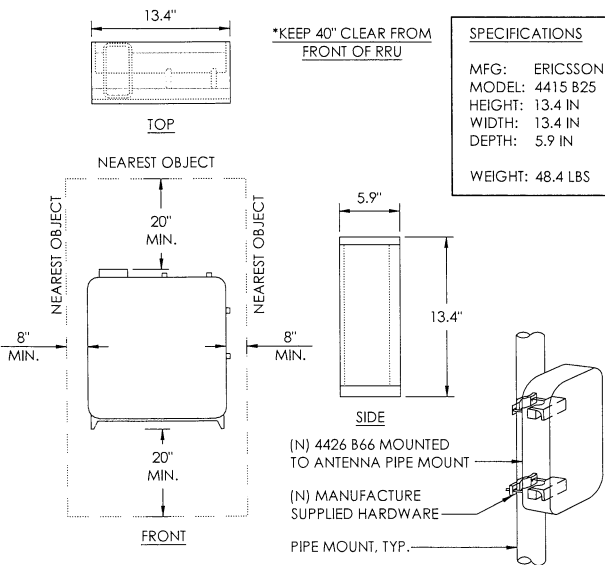
11 RRU 4478 B12A SPECIFICATIONS  
N.T.S.



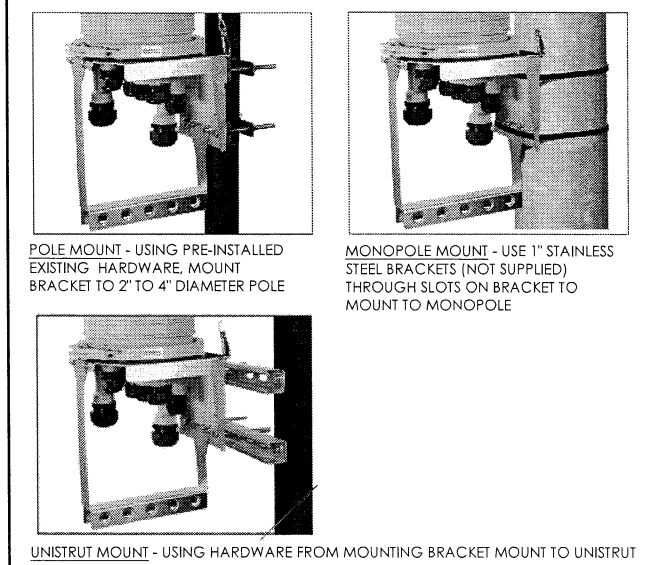
5 ANTENNA SPECIFICATIONS  
N.T.S.



2 ANTENNA SPECIFICATIONS  
N.T.S.

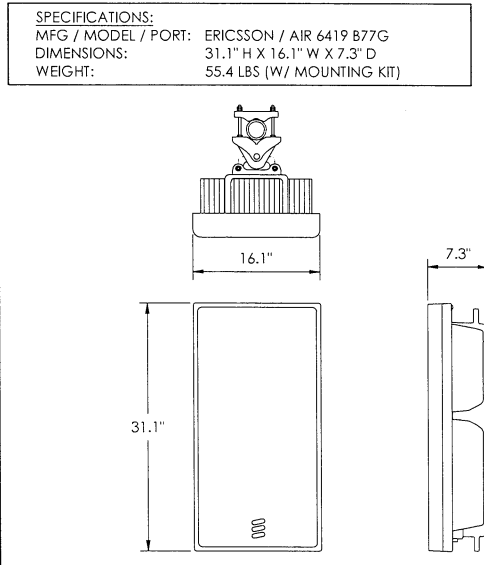


10 4415 B25 SPECIFICATIONS  
N.T.S.

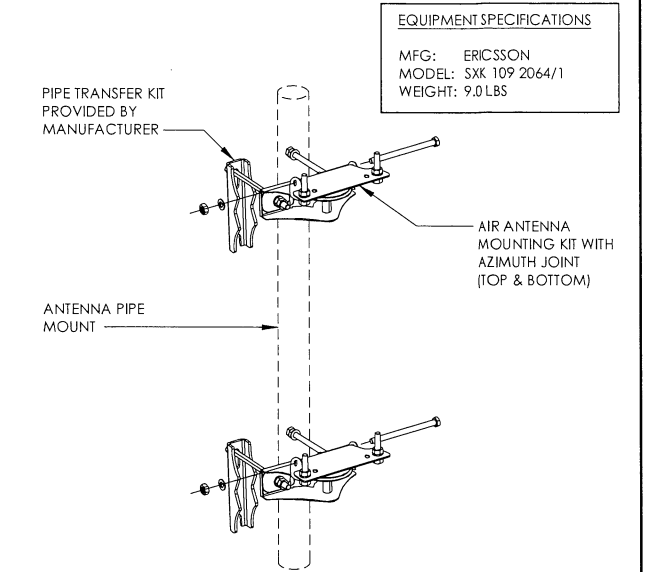
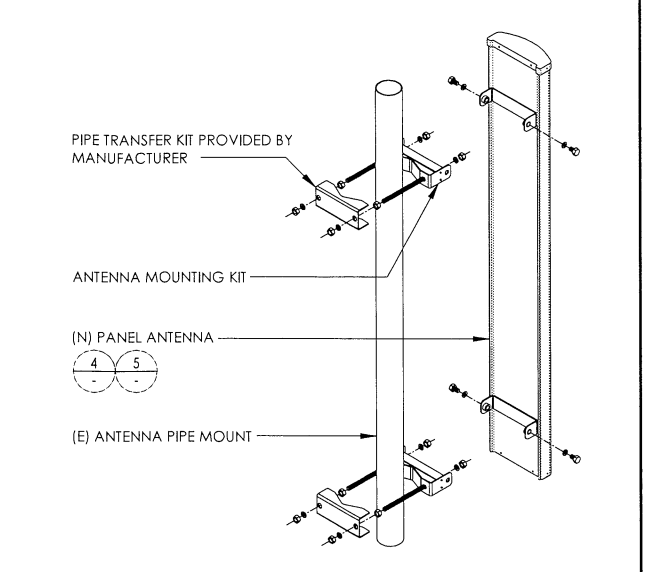
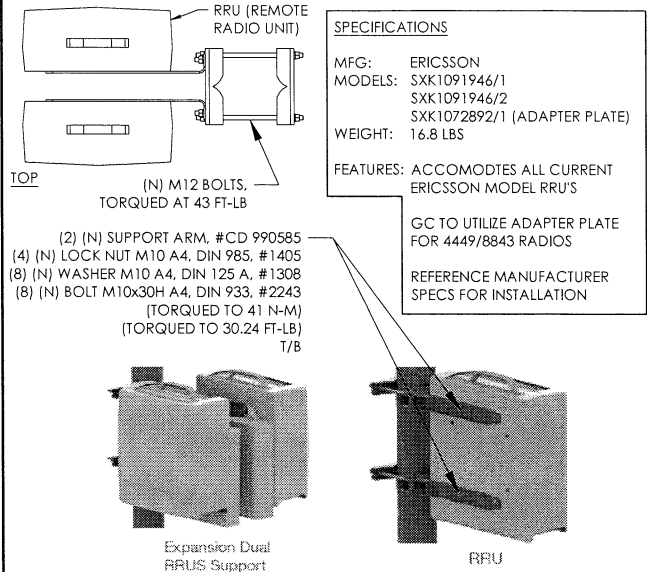


7 DC-9 POWER CONNECTION  
N.T.S.

4 ANTENNA SPECIFICATIONS  
N.T.S.



1 ANTENNA SPECIFICATIONS  
N.T.S.



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**DETAILS**

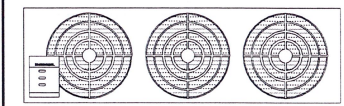
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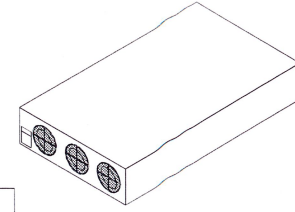


NOTE:  
1. USE MANUFACTURER SUPPLIED MOUNTING HARDWARE.

EQUIPMENT SPECIFICATIONS  
MFG: GE ENERGY  
MODEL: NEO50AC48  
HEIGHT: 1.70 IN  
WIDTH: 5.25 IN  
DEPTH: 13.85 IN  
WEIGHT: 5.2 LBS



FRONT VIEW



ISOMETRIC VIEW

3 RECTIFIER MODULE SPECIFICATIONS  
N.T.S.

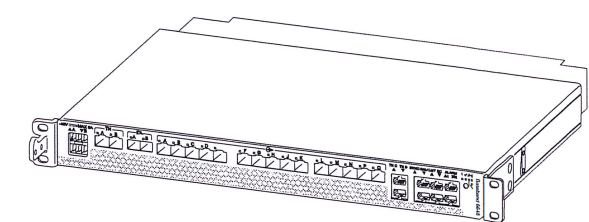
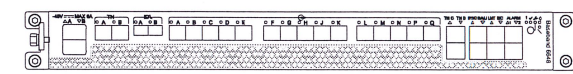
12 NOT USED  
N.T.S.

9 NOT USED  
N.T.S.

6 NOT USED  
N.T.S.

NOTE:  
1. USE MANUFACTURER SUPPLIED MOUNTING HARDWARE

EQUIPMENT SPECIFICATIONS  
MANUFACTURER: ERICSSON  
MODEL: BASEBAND 6648  
HEIGHT: 1.7 IN  
WIDTH: 13.86 IN  
DEPTH: 19 IN  
WEIGHT: 14.33 LBS



2 BASEBAND 6648 SPECIFICATIONS  
N.T.S.

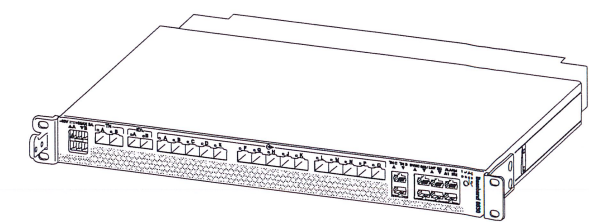
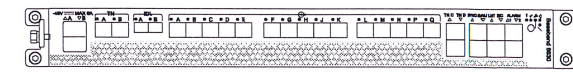
11 NOT USED  
N.T.S.

8 NOT USED  
N.T.S.

5 NOT USED  
N.T.S.

NOTE:  
1. USE MANUFACTURER SUPPLIED MOUNTING HARDWARE.

EQUIPMENT SPECIFICATIONS  
MFG: ERICSSON  
MODEL: BASEBAND 6630  
HEIGHT: 1.75 IN  
LENGTH: 13.86 IN  
WIDTH: 19 IN  
WEIGHT: 14.33 LBS



1 BASEBAND 6630 SPECIFICATIONS  
N.T.S.

10 NOT USED  
N.T.S.

7 NOT USED  
N.T.S.

4 NOT USED  
N.T.S.

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Sheet Title:  
**DETAILS**

Sheet Number:  
**D-2**

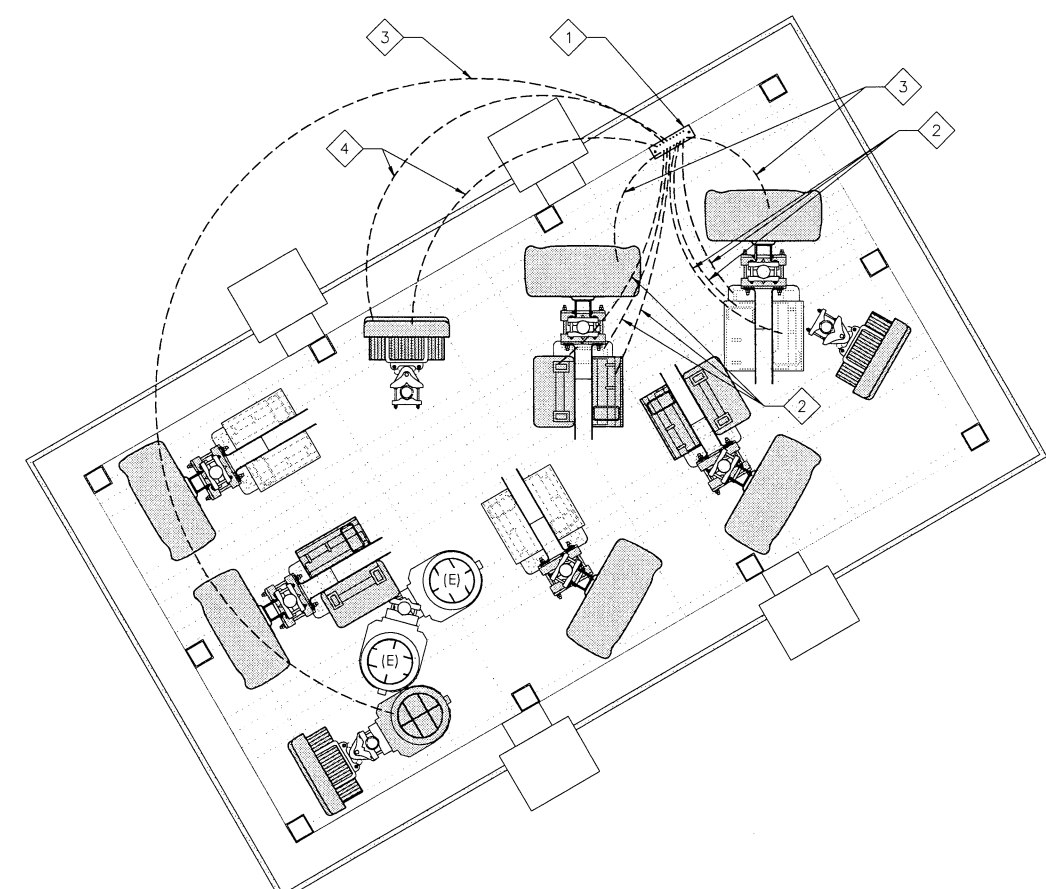
**GROUNDING NOTES:**

1. ALL DETAILS ARE SHOWN IN GENERAL TERMS. ACTUAL GROUNDING INSTALLATION REQUIREMENTS AND CONSTRUCTION ACCORDING TO SITE CONDITIONS.
2. ALL GROUNDING CONDUCTORS: #2 AWG SOLID BARE TINNED COPPER WIRE UNLESS OTHERWISE NOTED.
3. GROUND BAR LOCATED IN BASE OF EQUIPMENT WILL BE PROVIDED, FURNISHED AND INSTALLED BY THE VENDOR.
4. ALL BELOW GRADE CONNECTIONS: EXOTHERMIC WELD TYPE. ABOVE GRADE CONNECTIONS: EXOTHERMIC WELD TYPE.
5. GROUND RING SHALL BE LOCATED A MINIMUM OF 24" BELOW GRADE OR 6' MINIMUM BELOW THE FROST LINE.
6. INSTALL GROUND CONDUCTORS AND GROUND ROD MINIMUM OF 1'-0" FROM EQUIPMENT CONCRETE SLAB, SPREAD FOOTING, OR FENCE.
7. EXOTHERMIC WELD GROUND CONNECTION TO FENCE POST: TREAT WITH A COLD GALVANIZED SPRAY.
8. GROUND BARS:  
A) EQUIPMENT GROUND BUS BAR (EGB) LOCATED AT THE BOTTOM OF ANTENNA POLE/MAST FOR MAKING GROUNDING JUMPER CONNECTIONS TO COAX FEEDER CABLES SHALL BE FURNISHED AND INSTALLED BY ELECTRICAL CONTRACTOR. JUMPERS (FURNISHED BY OWNERS) SHALL BE INSTALLED AND CONNECTED BY ELECTRICAL CONTRACTOR.
9. ALL GROUNDING INSTALLATIONS AND CONNECTIONS SHALL BE MADE BY ELECTRICAL CONTRACTOR.
10. OBSERVE N.E.C. AND LOCAL UTILITY REQUIREMENTS FOR ELECTRICAL SERVICE GROUNDING.
11. GROUNDING ATTACHMENT TO TOWER SHALL BE AS PER MANUFACTURER'S RECOMMENDATIONS OR AT GROUNDING POINTS PROVIDED (2 MINIMUM).
12. IF EQUIPMENT IS IN A C.L. FENCE ENCLOSURE, GROUND ONLY CORNER POSTS AND SUPPORT POSTS OF GATE. IF CHAIN LINK LID IS USED, THEN GROUND LID ALSO.
13. GROUNDING AT PPC CABINET SHALL BE VERTICALLY INSTALLED.
14. ALL GROUNDING FOR ANTENNAS SHALL BE CONNECTED SO THAT IT WILL BY-PASS MAIN BUSS BAR.
15. ALL EMT RUNS SHALL BE GROUNDED AND HAVE A BUSHING, NO PVC ABOVE GROUND.
16. USE SEPARATE HOLES FOR GROUNDING AT BUSS BAR. NO "DOUBLE-UP" OF LUGS.
17. POWER AND TELCO CABINETS SHALL BE GROUNDED (BONDED) TOGETHER.
18. NO LB'S ALLOWED ON GROUNDING.
19. PROVIDE STAINLESS STEEL CLAMP AND BRASS TAGS ON COAX AT ANTENNAS AND DOGHOUSE.
20. ALL ELECTRICAL AND GROUNDING AT THE CELL SITE SHALL COMPLY WITH THE NATIONAL ELECTRICAL CODE (NEC), NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) 780 (LATEST EDITION), AND MANUFACTURER SPECIFICATION.
21. IF THE AC PANEL IN THE POWER CABINET IS WIRED AS SERVICE ENTRANCE, THE AC SERVICE GROUND CONDUCTOR SHALL BE CONNECTED TO GROUND ELECTRODE SYSTEM. WHEN THE AC PANEL IN THE POWER CABINET IS CONSIDERED A SUB-PANEL, THE GROUND WIRE SHALL BE INSTALLED IN THE AC POWER CONDUIT. THE INSTALLATION SHALL BE PER LOCAL AND NATIONAL ELECTRIC CODE (NFPA-70).
22. EXOTHERMIC WELDING IS RECOMMENDED FOR GROUNDING CONNECTION WHERE PRACTICAL. OTHERWISE, THE CONNECTION SHALL BE MADE USING COMPRESSION TYPE-2 HOLES. LONG BARREL LUGS OR DOUBLE CRIMP CLAMP "C" CLAMP. THE COPPER CABLES SHALL BE COATED WITH ANTI-OXIDANT (COPPER SHIELD) BEFORE MAKING THE CONNECTIONS. THE MANUFACTURER'S TORQUING RECOMMENDATIONS ON THE BOLT ASSEMBLY TO SECURE CONNECTIONS SHALL BE FOLLOWED.
23. THE ANTENNA CABLES SHALL BE GROUNDED AT THE TOP AND BOTTOM OF THE VERTICAL RUN FOR LIGHTNING PROTECTION. THE ANTENNA CABLE SHIELD SHALL BE BONDED TO A COPPER GROUND BUSS AT THE LOWER MOST POINT OF A VERTICAL RUN JUST BEFORE IT BEGINS TO BEND TOWARD THE HORIZONTAL PLANE. WIRE RUNS TO GROUND SHALL BE KEPT AS STRAIGHT AND SHORT AS POSSIBLE. ANTENNA CABLE SHIELD SHALL BE GROUNDED JUST BEFORE ENTERING THE CELL CABINET. ANY ANTENNA CABLES OVER 200 FEET IN LENGTH SHALL ALSO BE EQUIPPED WITH ADDITIONAL GROUNDING AT MID-POINT.
24. ALL GROUNDING CONDUCTORS INSIDE THE BUILDING SHALL BE RUN IN CONDUIT RACEWAY SYSTEM, AND SHALL BE INSTALLED AS STRAIGHT AS PRACTICAL WITH MINOR BENDS TO AVOID OBSTRUCTIONS. THE BENDING RADIUS OF ANY #2 GROUNDING CONDUCTOR IS 8". PVC RACEWAY MAY BE FLEXIBLE OR RIGID PER THE FIELD CONDITIONS. GROUNDING CONDUCTORS SHALL NOT MAKE CONTACT WITH ANY METALLIC CONDUITS, SURFACES OR EQUIPMENT.
25. PROVIDE PVC SLEEVES WHERE GROUNDING CONDUCTORS PASS THROUGH THE BUILDING WALLS AND /OR CEILINGS.
26. INSTALL GROUND BUSHINGS ON ALL METALLIC CONDUITS AND BOND TO THE EQUIPMENT GROUND BUSS IN THE PANEL BOARD.
27. GROUND ANTENNA BASES, FRAMES, CABLE RACKS AND OTHER METALLIC COMPONENTS WITH #2 GROUNDING CONDUCTORS AND CONNECT TO INSULATED SURFACE MOUNTED GROUND BARS. CONNECTION DETAILS SHALL FOLLOW MANUFACTURER'S SPECIFICATIONS FOR GROUNDING.
28. ALL PROPOSED GROUNDING CONDUCTORS SHALL BE ROUTED AND CONNECTED TO THE MAIN GROUND BAR OR EXISTING GROUND RING.

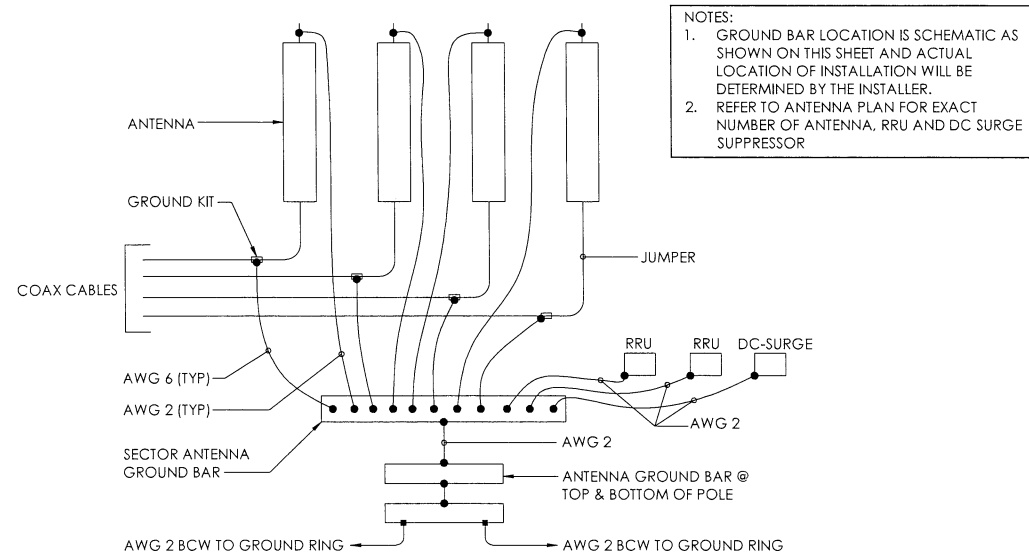
4 GROUNDING NOTES  
N.T.S.

**KEY NOTES:**

- 1 (E) ANTENNA GROUND BAR TO BE VERIFIED @ FIELD
  - 2 (N) AWG 2 INSULATED COPPER GROUND WIRE FROM (N) RRUS TO (E) ANTENNA GROUND BAR
  - 3 (N) AWG 6 INSULATED COPPER GROUND WIRE FROM (N) ANTENNA GROUND KIT TO (E) ANTENNA GROUND BAR
  - 4 (N) AWG 2 INSULATED COPPER GROUND WIRE FROM (N) AIR ANTENNA GROUND KIT TO (E) ANTENNA GROUND BAR
- NOTES:  
1. REFER TO TYP. ANTENNA GROUNDING DIAGRAM  
2. (E) GROUND WIRES ARE NOT SHOWN FOR CLARITY



1 ANTENNA GROUNDING PLAN, TYP PER SECTOR  
N.T.S.



- NOTES:  
1. GROUND BAR LOCATION IS SCHEMATIC AS SHOWN ON THIS SHEET AND ACTUAL LOCATION OF INSTALLATION WILL BE DETERMINED BY THE INSTALLER.  
2. REFER TO ANTENNA PLAN FOR EXACT NUMBER OF ANTENNA, RRU AND DC SURGE SUPPRESSOR

3 TYP. ANTENNA GROUNDING DIAGRAM  
N.T.S.

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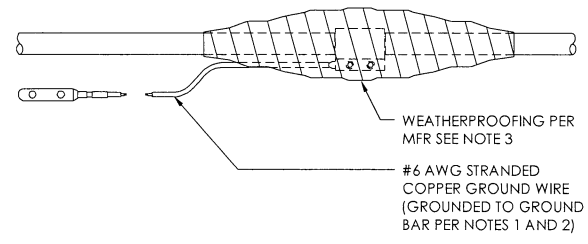
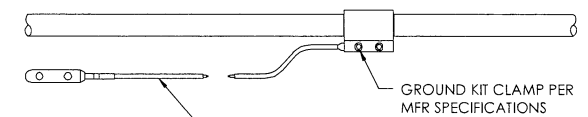
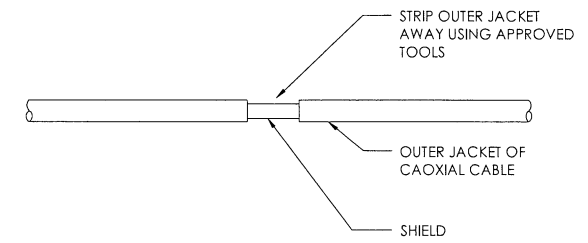
**GROUNDING PLANS & NOTES**

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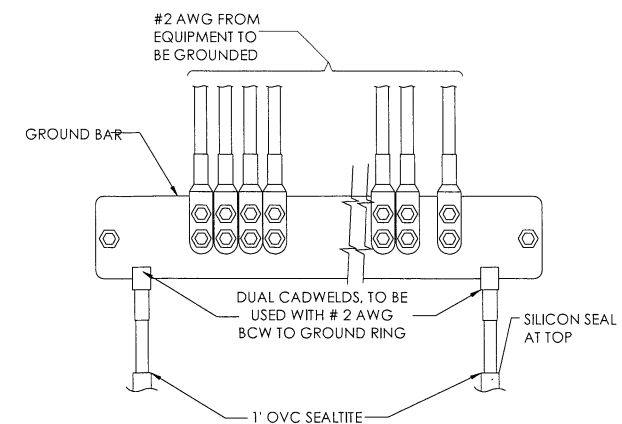
**G-1**

10

- NOTES:
- DO NOT INSTALL CABLE GROUND KIT AT A BEND AND ALWAYS DIRECT GROUND WIRE DOWN TO GROUND BAR
  - GROUNDING KIT SHALL BE TYPE AND PART NUMBER AS SUPPLIED OR RECOMMENDED BY CABLE MFR
  - WEATHER PROOFING SHALL BE TYPE AND PART NUMBER AS SUPPLIED OR RECOMMENDED BY THE CABLE MFR



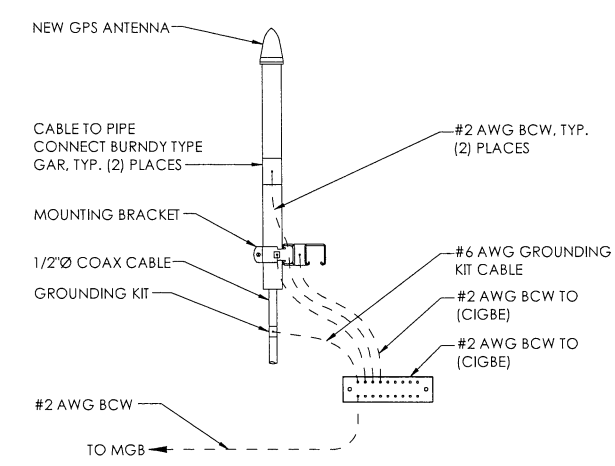
7 GROUND KIT N.T.S.



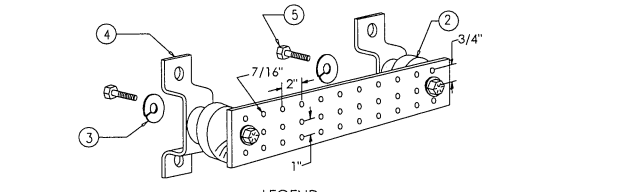
- NOTE:
- CONTRACTOR TO UTILIZE KOPR-SHIELD (THANS & BETTS) ON ALL LUG CONNECTIONS OR APPROVED EQUAL
  - ALL LUGS TO BE DUAL HOLE LONG BARREL AND CRIMPED TWICE WITH MFR'S RECOMMENDED TOOL

5 GROUND BAR CONNECTION N.T.S.

3



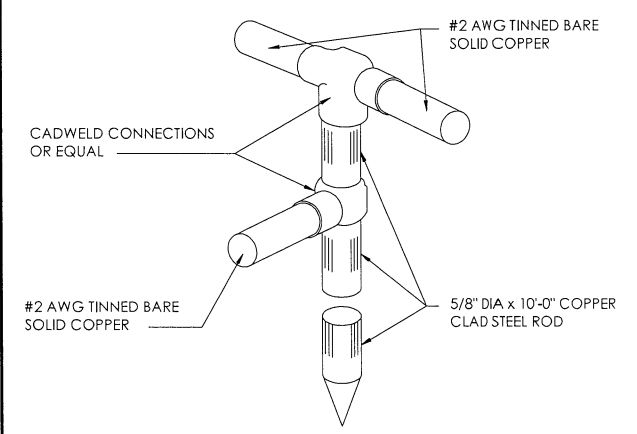
9 GPS ANTENNA GROUNDING N.T.S.



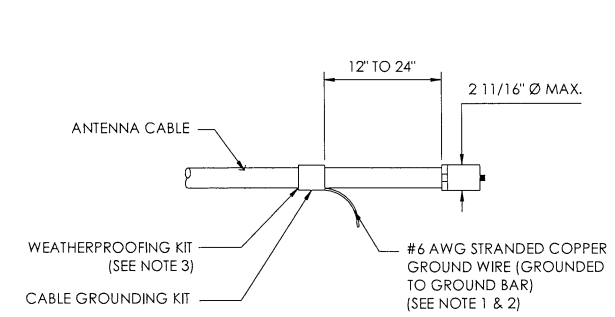
- LEGEND
- COPPER GROUND BAR, "X 1/4" X 20", NEWTON INSTRUMENT CO. CAT. NO. B-6142 OR EQUAL. HOLE CENTERS TO MATCH NEMA DOUBLE LUG CONFIGURATION. (ACTUAL GROUND BAR SIZE WILL VARY BASED ON NUMBER OF GROUND CONNECTIONS)
  - INSULATORS, NEWTON INSTRUMENT CAT. NO. 3061-4 OR EQUAL
  - 5/8" LOCKWASHERS, NEWTON INSTRUMENT CO. CAT. NO. 3015-8 OR EQUAL
  - WALL MOUNTING BRACKET, NEWTON INSTRUMENT CO. CAT NO. A-6056 OR EQUAL
  - 5/8-11 X 1" HHCS BOLTS, NEWTON INSTRUMENT CO. CAT NO. 3012-1 OR EQUAL
  - INSULATORS SHALL BE ELIMINATED WHEN BONDING DIRECTLY TO TOWER/MONOPOLE STRUCTURE. CONNECTION TO TOWER/MONOPOLE STRUCTURE SHALL BE PER MANUFACTURERS RECOMMENDATIONS.

NOTE: ALL HARDWARE SHALL BE STAINLESS STEEL

4 GROUND BAR DETAIL N.T.S.

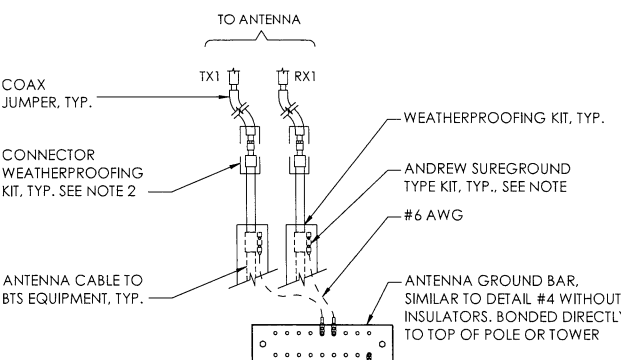


2 GROUND ROD DETAIL N.T.S.



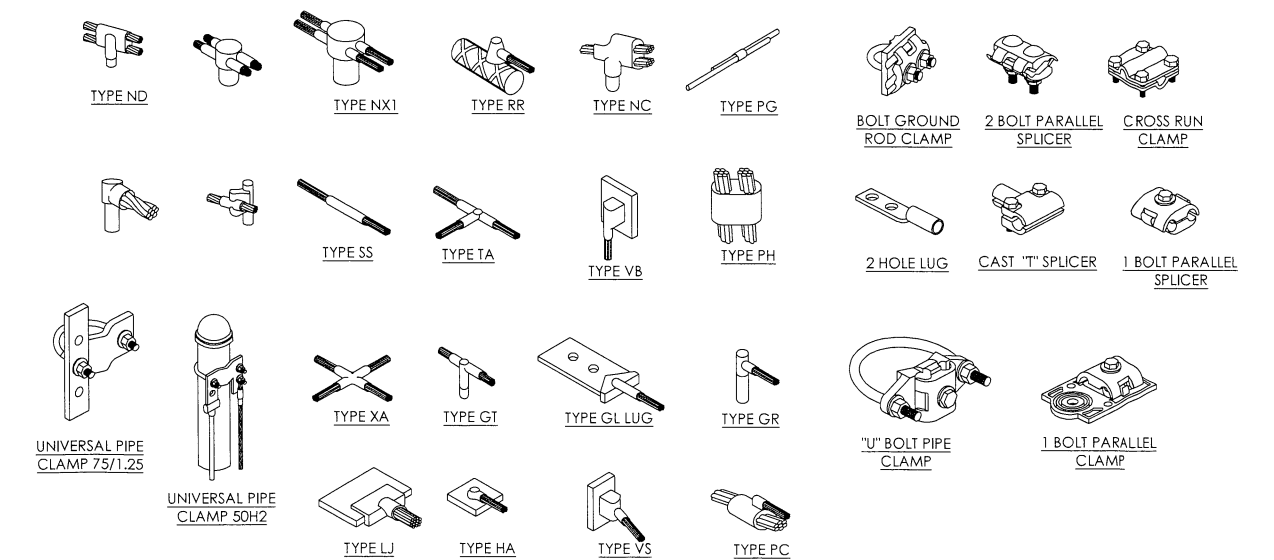
- NOTE:
- DO NOT INSTALL CABLE GROUND KIT AT A BEND AND ALWAYS DIRECT WIRE DOWN TO GROUND BAR.
  - GROUNDING KIT SHALL BE TYPE AND PART NUMBER AS SUPPLIED OR RECOMMENDED BY CABLE MANUFACTURER.
  - WEATHER PROOFING SHALL BE (TYPE AND PART NUMBER AS SUPPLIED OR RECOMMENDED BY CABLE MANUFACTURER.)

8 CONNECTION OF GROUND KIT TO ANTENNA CABLE N.T.S.



- NOTE:
- DO NOT INSTALL CABLE GROUND KIT AT A BEND AND ALWAYS DIRECT GROUND WIRE DOWN TO ANTENNA GROUND BAR.
  - WEATHER PROOFING SHALL BE ANDREW TWO-PART TAPE KIT. COLD SHRINK SHALL NOT BE USED

6 GROUND CONNECTION TO GROUND BAR N.T.S.



1 TYPICAL MECHANICAL CONNECTIONS N.T.S.

PREPARED FOR

5001 EXECUTIVE PKWY.  
SAN RAMON CA 94583

Vendor:

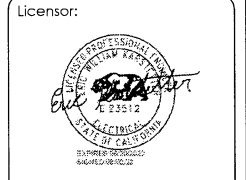
23 MAUCHLY, SUITE 110  
IRVINE, CALIFORNIA 92618

P-075481

AT&T Site ID:

**CCL00916**

REV	DATE	DESCRIPTION	INT.
I	08/10/22	100% CD	MM3
O	06/16/22	100% CD	BH
A	05/04/22	90% CD	BH



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**CCL00916**

UKIAH NORTH

1460 LOVERS LANE  
UKIAH, CA 95482

Sheet Title:

**GROUNDING DETAILS**

Sheet Number:

**G-2**

VOLTAGE: 120/240V, 1-PHASE, 3W, 200A, 42 KAIC MOUNTING: SURFACE  
 MAIN CB: 2P/200A NEMA: 1  
 LOCATION: @ LEASE AREA

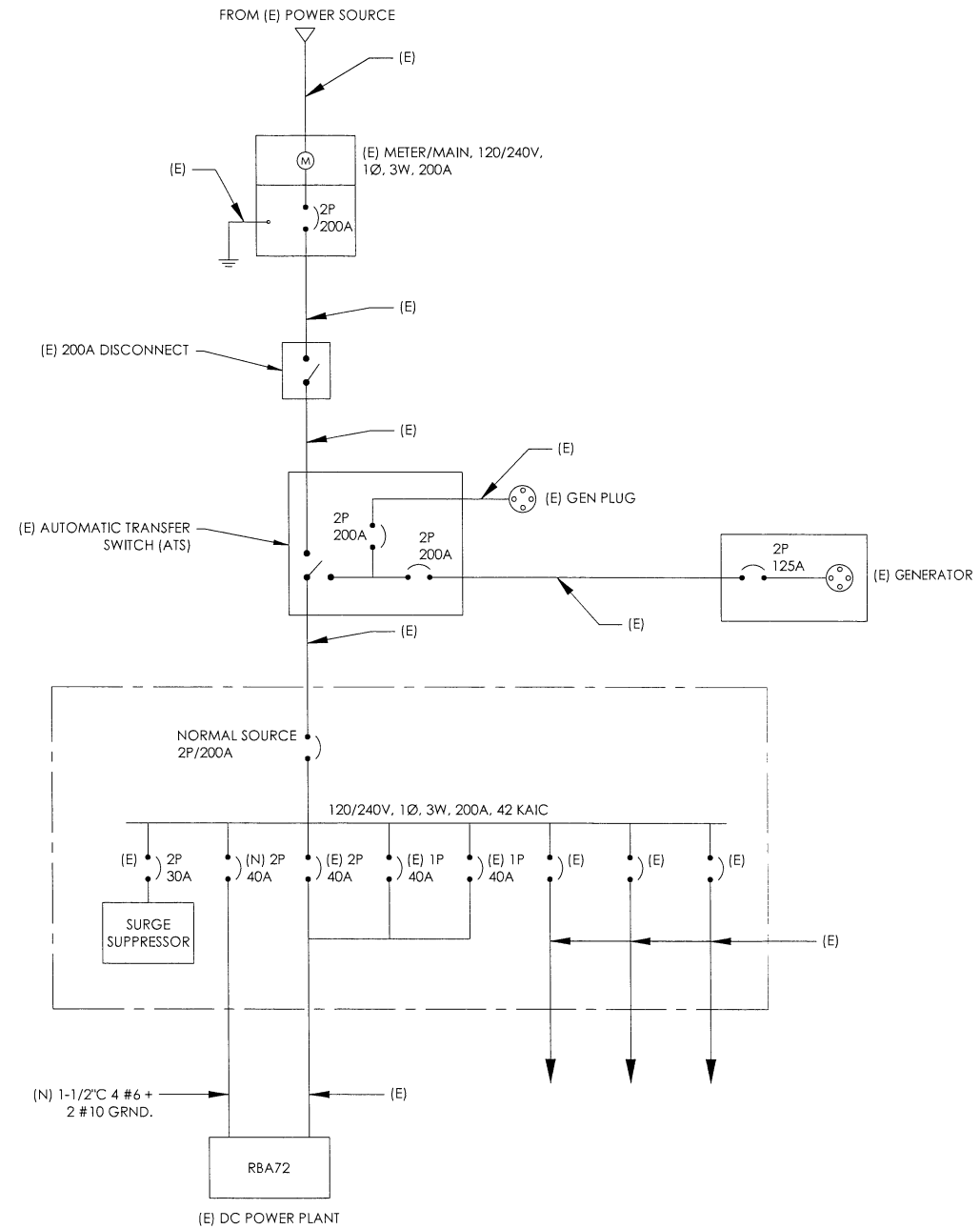
VOLT AMPS		DESCRIPTION	POLE	BKR	CKT	PANEL 'A'		CKT	BKR	POLE	DESCRIPTION	VOLT AMPS	
PHASE A	PHASE B					A	B					PHASE A	PHASE B
		PBC 02(OFF)	1	20	1			2	20	1	GFCI	180	
		RBS 2106 (OFF)	2	50	3			4	90	2	TVSS		
					5			6					
1200		MCPA	1	20	7			8	50	2	RBS 2106		4800
1650		RBA 72	2	40	9			10				4800	
1650					11			12	50	2	RBS 2106		4800
1650		RBA 72	2	40	13			14				4800	
1650					15			16	30	1	UNMARKED		
1650		RBA 72	2	40	17			18	20	1	UNMARKED		
1650					19			20	20	1	UNMARKED		
360		BATTERY CHARGER	1	20	21			22	20	1	BBU GFI	180	
480		BLOCK HEATER	1	20	23			24	20	1	BBU HEAT CONTROL		200
					25			26					
					27			28					
					29			30					
5310	6630	VA/LINE										9960	9800
PHASE A =		15270 VA				PHASE B =		16430 VA					
CONNECTED LOAD:		31700 VA											
CONNECTED AMPS:		132.1 A											

2 EXISTING AC PANEL SCHEDULE

VOLTAGE: 120/240V, 1-PHASE, 3W, 200A, 42 KAIC MOUNTING: SURFACE  
 MAIN CB: 2P/200A NEMA: 1  
 LOCATION: @ LEASE AREA

VOLT AMPS		DESCRIPTION	POLE	BKR	CKT	PANEL 'A'		CKT	BKR	POLE	DESCRIPTION	VOLT AMPS	
PHASE A	PHASE B					A	B					PHASE A	PHASE B
		PBC 02 (OFF)	1	20	1			2	20	1	GFCI	180	
		RBS 2106 (OFF)	2	50	3			4	90	2	TVSS		
					5			6					
1200		MCPA	1	20	7			8	50	2	RBS 2106		4800
1650		RBA 72	2	40	9			10				4800	
1650					11			12	50	2	RBS 2106		4800
1650		RBA 72	2	40	13			14				4800	
1650					15			16	30	1	UNMARKED		
1650		RBA 72	2	40	17			18	20	1	UNMARKED		
1650					19			20	20	1	UNMARKED		
360		BATTERY CHARGER	1	20	21			22	20	1	BBU GFI	180	
480		BLOCK HEATER	1	20	23			24	20	1	BBU HEAT CONTROL		200
1650		RBA 72	2	40	25			26	40	2	RBA 72	1650	
1650					27			28					1650
					29			30					
6960	8280	VA/LINE										11610	11450
PHASE A =		18570 VA				PHASE B =		19730 VA					
CONNECTED LOAD:		38300 VA											
CONNECTED AMPS:		159.6 A											

3 PROPOSED AC PANEL SCHEDULE



1 AC SINGLE LINE DIAGRAM

PREPARED FOR  
  
 5001 EXECUTIVE PKWY,  
 SAN RAMON CA 94583

Vendor:  
  
 23 MAUCHLY, SUITE 110  
 IRVINE, CALIFORNIA 92618  
 P-075481

AT&T Site ID:  
**CCL00916**

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0	06/16/22	100% CD	BH
A	05/04/23	90% CD	BH

Licenser:

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**CCL00916**  
 UKIAH NORTH  
 1460 LOVERS LANE  
 UKIAH, CA 95482

Sheet Title:  
**SINGLE LINE DIAGRAM & AC PANEL SCHEDULE**

Sheet Number:  
**E-1**

NOTES TO CONTRACTOR:  
 1. CONTRACTOR IS TO REFER TO AT&T'S MOST CURRENT RADIO FREQUENCY DATA SHEET (RFDS) PRIOR TO CONSTRUCTION.

Diagram - Sector A Diagram File Name - 99468-CNU0916-5056325-SFO vsdx  
 Atoll Site Name - CNU0916 Location Name - CA131 - UKIAH NORTH Market - SAN FRANCISCO Market Cluster - SAN FRANCISCO/SACRAMENT O  
 Comments:


PREPARED FOR  
  
 5001 EXECUTIVE PKWY,  
 SAN RAMON CA 94583

Vendor:  
  
 23 MAUCHLY, SUITE 110  
 IRVINE, CALIFORNIA 92618  
 P-075481

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REV	DATE	DESCRIPTION	INT.
I	08/10/22	100% CD	MM3
O	06/16/22	100% CD	BH
A	05/04/22	90% CD	BH

Licensors:  
  
 REGISTERED PROFESSIONAL ENGINEER  
 CARLOS E. LOPEZ  
 S 6550  
 EXP 03/31/23  
 STRUCTURAL  
 STATE OF CALIFORNIA  
 SIGNED 08/10/22

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**CCL00916**  
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Sheet Title:  
**PLUMBING DIAGRAM**

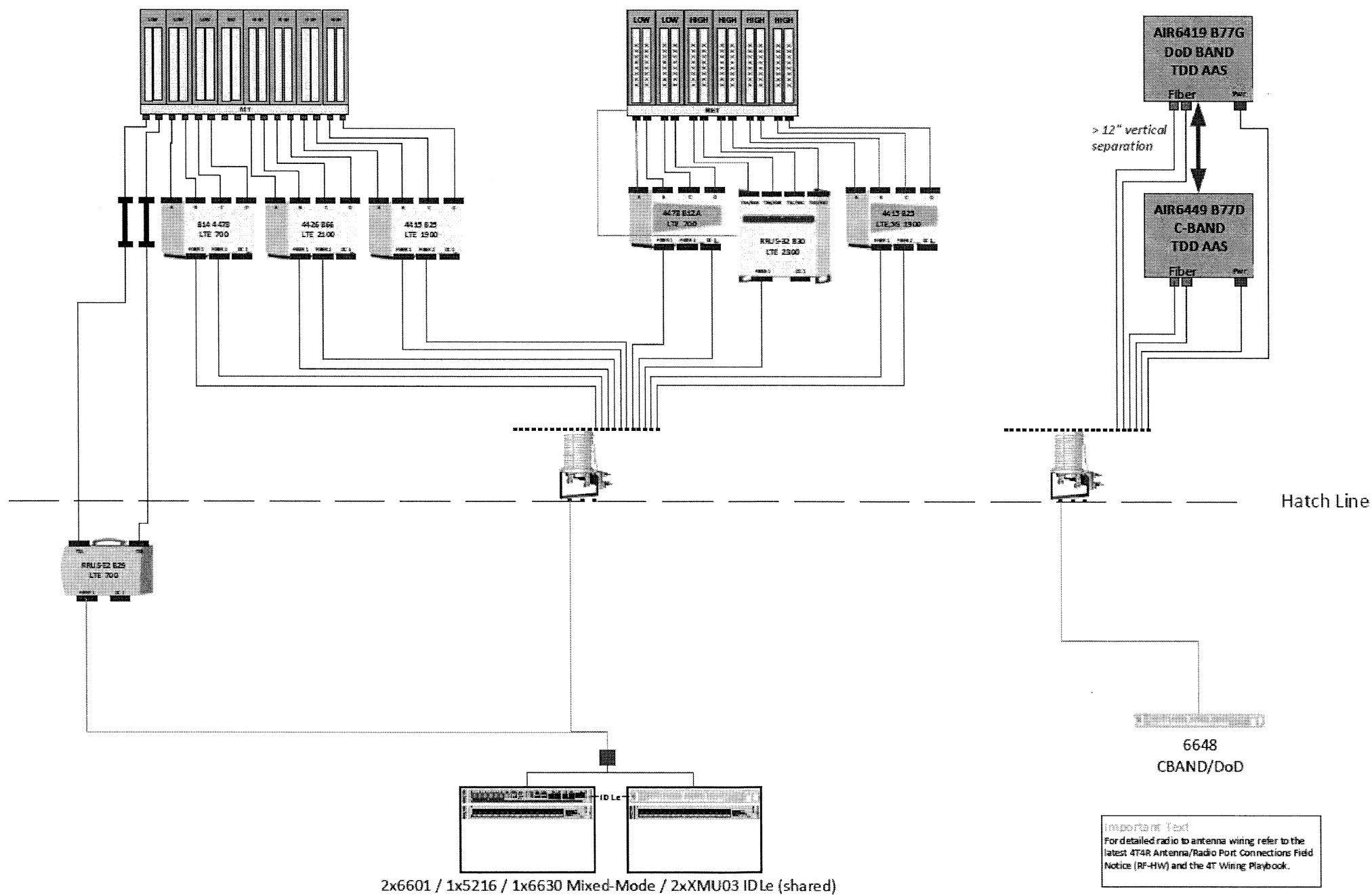
Sheet Number:  
**RF-1**

## ALPHA/BETA/GAMMA

Pos-1 LTE B29/LTE FNET/LTE 2100/LTE 1900

Pos-2 LTE 700/LTE 2300/PCS 2<sup>ND</sup> LTE 1900/5G 1900

Pos-3 CBAND/DoD BAND

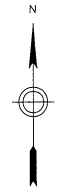


**Important Text**  
 For detailed radio to antenna wiring refer to the latest 4T4R Antenna/Radio Port Connections Field Notice (RF-HW) and the 4T Wiring Playbook.



NOTE:  
 1. RF SAFETY MEASURES COMPLETED PER EME REPORT COMPLETED ON 07/14/2022, BY "WATERFORD CONSULTANTS, LLC"  
 2. ANY OTHER RF REPORT IS FOR REFERENCE ONLY.

RECOMMENDATIONS:  
 AT&T MOBILITY ACCESS LOCATION:  
 CAUTION 2 SIGN REQUIRED ON THE BASE OF THE BILLBOARD AT THE ACCESS LOCATION.  
 MATERIALS:  
 (1) CAUTION 2 SIGN  
 WATERFORD CONSULTANTS, LLC RECOMMENDS POSTING RF ALERTING SIGNAGE WITH CONTACT INFORMATION (CAUTION 2) NEAR THE ANTENNAS AT THE PROPOSED MONOPOLE TO INFORM AUTHORIZED CLIMBERS OF POTENTIAL CONDITIONS NEAR THE ANTENNAS.




PREPARED FOR  
  
 5001 EXECUTIVE PKWY,  
 SAN RAMON CA 94583

Vendor:  
  
 23 MAUCHLY, SUITE 110  
 IRVINE, CALIFORNIA 92618  
 P-075481

AT&T Site ID:  
**CCL00916**

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A	05/04/22	90% CD	BH

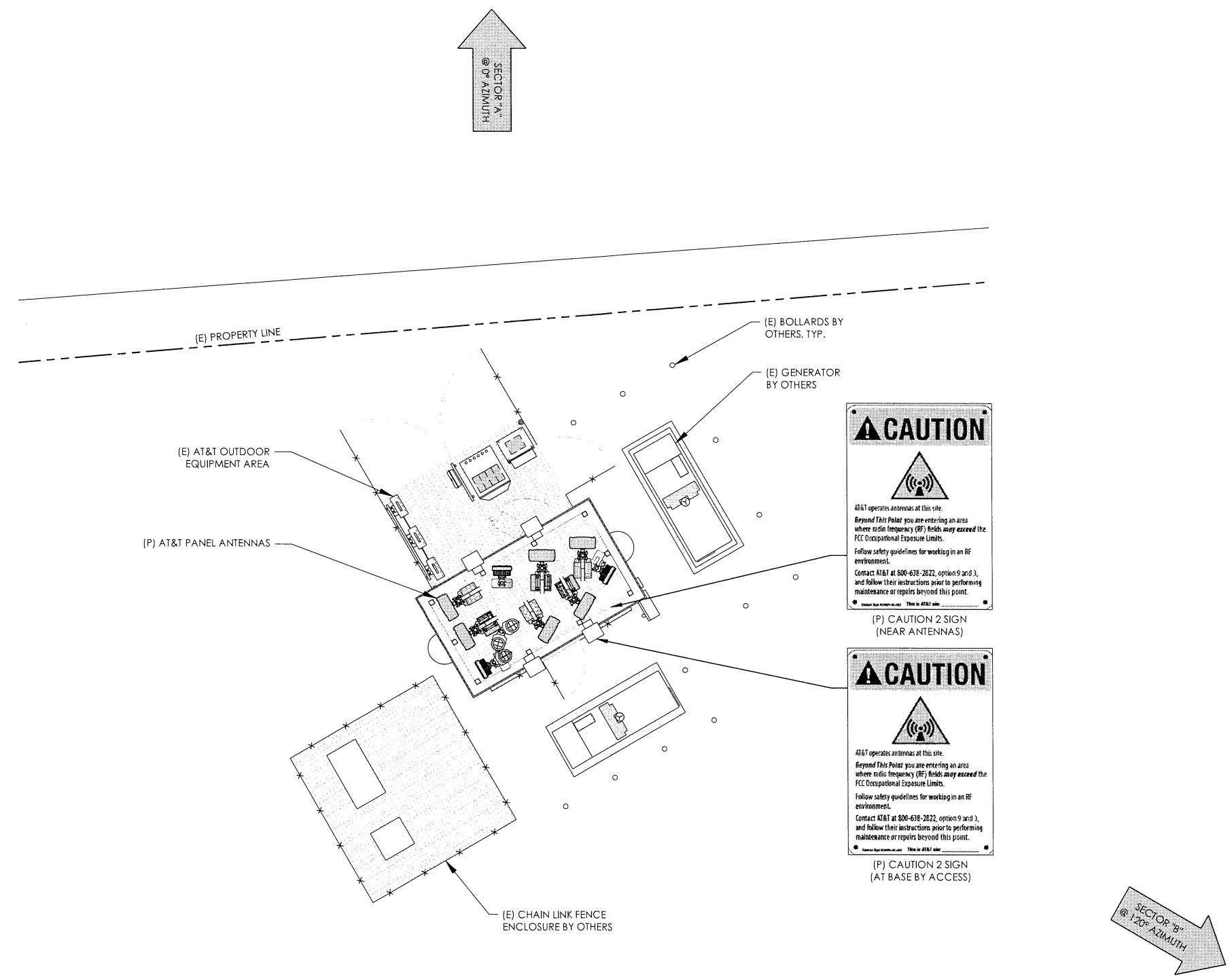
Licenser:  
  
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Issued For:  
**CCL00916**  
 UKIAH NORTH  
 1460 LOVERS LANE  
 UKIAH, CA 95482

Sheet Title:  
**EME SIGNAGE LOCATION PLAN**

Sheet Number:  
**EME-1**







This Site Operated by:  
**AT&T MOBILITY**  
 5001 EXECUTIVE PKWY,  
 SAN RAMON, CA 94583  
 IN CASE OF FIRE AND THE NEED FOR SHUTDOWN  
 TO DEACTIVATE ANTENNAS CALL THE  
 FOLLOWING NUMBER:  
 For 24 Hour Emergency Contact and Access Please Call:  
 (800)832-6662

Reference Site#: CCL00916  
 Site Address: 1460 LOVERS LANE UKIAH, CA 95482

10 FENCED COMPOUND SIGNAGE  
N.T.S.



**INFORMATION**

Federal Communications Commission  
 Tower Registration Number

**1 2 3 4 5 6 7**

Posted in accordance with Federal Communications  
 Commission rules and antenna tower registration  
 47CFR 17.4(g).

9 FENCED COMPOUND SIGNAGE  
N.T.S.

**NOTICE**

**AUTHORIZED  
 PERSONNEL  
 ONLY**

6 FCC ASR SIGNAGE  
N.T.S.

Property of AT&T  
**Authorized  
 Personnel Only**

No Trespassing  
 Violators will be Prosecuted

In case of emergency, or prior to performing  
 maintenance on this site, call \_\_\_\_\_  
 and reference cell site number \_\_\_\_\_

8 DOOR / EQUIPMENT SIGN  
N.T.S.



**DANGER**  
**DIESEL FUEL**  
**NO SMOKING**  
**NO OPEN FLAMES**

**DANGER**  
**LEAD ACID BATTERIES**  
**CORROSIVE LIQUIDS (ELECTROLYTE)**  
**ENERGIZED ELECTRICAL CIRCUITS**  
**NO SMOKING**

5 GATE SIGNAGE  
N.T.S.


Property of AT&T  
**Authorized  
 Personnel Only**

In case of emergency, or prior to performing  
 maintenance on this site, call \_\_\_\_\_  
 and reference cell site number \_\_\_\_\_

7 NFPA HAZARD SIGN - TYPICAL  
N.T.S.

4 SHELTER / CABINET DOORS SIGNAGE  
N.T.S.


**NOTICE**



AT&T operates antennas at this site.  
*Beyond This Point* you are entering an area  
 where radio frequency (RF) fields may exceed the  
 FCC General Population Exposure Limits.  
 Follow safety guidelines for working in an RF  
 environment.  
 Contact AT&T at 800-638-2822, option 9 and 3,  
 and follow their instructions prior to performing  
 maintenance or repairs above this point.

Notice Sign 2  
(8" x 12")

**CAUTION**



AT&T operates antennas at this site.  
*Beyond This Point* you are entering an area  
 where radio frequency (RF) fields may exceed the  
 FCC Occupational Exposure Limits.  
 Follow safety guidelines for working in an RF  
 environment.  
 Contact AT&T at 800-638-2822, option 9 and 3,  
 and follow their instructions prior to performing  
 maintenance or repairs beyond this point.

Caution Sign 2  
(8" x 12")

**NOTICE TO WORKERS**

Importe información importante sobre este sitio.  
 Más allá de este punto usted está entrando en un  
 área donde los campos de radiofrecuencia (RF) pueden  
 exceder los límites de exposición establecidos por  
 las regulaciones de la FCC para la población general.  
 Siga las pautas de seguridad para trabajar en un  
 entorno de RF.  
 Contáctenos al 800-638-2822, opción 9 y 3,  
 y siga las instrucciones antes de realizar  
 mantenimiento o reparaciones por encima de este  
 punto.

**AVISO A LOS TRABAJADORES**


Importe información importante sobre este sitio.  
 Más allá de este punto usted está entrando en un  
 área donde los campos de radiofrecuencia (RF) pueden  
 exceder los límites de exposición establecidos por  
 las regulaciones de la FCC para la población general.  
 Siga las pautas de seguridad para trabajar en un  
 entorno de RF.  
 Contáctenos al 800-638-2822, opción 9 y 3,  
 y siga las instrucciones antes de realizar  
 mantenimiento o reparaciones por encima de este  
 punto.

**工作人員注意**

此處中電訊設備設有天線。  
 在此點以外，您正進入一個可能超過  
 聯邦通訊委員會 (FCC) 對一般大眾所訂  
 之電磁場 (EMF) 曝露限制之區域。  
 請遵守在 RF 環境中工作之安全守則。  
 請與 AT&T 聯絡，電話號碼為 800-638-2822，  
 選擇 9 和 3，並在進行任何維修或保養  
 之前，先聽取他們的指示。

Trilingual Notice Sign

**CAUTION**



AT&T operates antennas at this site.  
*In The Striped Area* you are entering an area  
 where radio frequency (RF) fields may exceed the  
 FCC Occupational Exposure Limits.  
 Follow safety guidelines for working in an RF  
 environment.  
 Contact AT&T at 800-638-2822, option 9 and 3,  
 and follow their instructions prior to performing  
 maintenance or repairs within the striped area.

Caution Sign 2A  
(8" x 12")  
Use only if instructed by RF Safety


**CAUTION**



**On this tower:**  
 Radio frequency (RF) fields near some antennas  
 may exceed the FCC Occupational Exposure Limits.  
 Contact AT&T at 800-638-2822, option 9 and 3,  
 and follow their instructions prior to performing  
 maintenance or repairs beyond this point.  
 Personnel climbing this tower should be trained  
 for working in RF environments and use a personal  
 RF monitor if working near active antennas.

Caution Sign 2B Tower  
(8" x 12")  
Use for Towers only

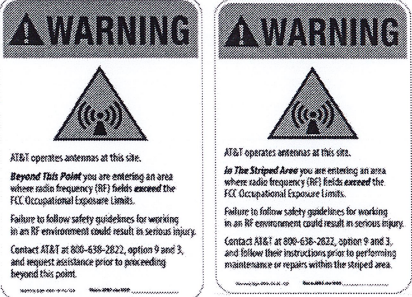
**CAUTION**



AT&T operates antennas at this site.  
*Beyond This Point* you are entering an area  
 where radio frequency (RF) fields may exceed the  
 FCC Occupational Exposure Limits.  
 Follow safety guidelines for working in an RF  
 environment.  
 Contact AT&T at 800-638-2822, option 9 and 3,  
 and follow their instructions prior to performing  
 maintenance or repairs beyond this point.

Caution Sign 2C Parapet  
(5" x 7")

Warning Sign #WA-1B-AL-128      Warning Sign #WA-2A-AL-128



Note: Both signs have the same 8" x 12" dimensions

Shall be used when barriers are present or will be deployed around AT&T antennas - **Warning 1B**

Shall be used in lieu of barriers along with striping when barriers are not allowed - **Warning 2A**

**REQUIRE HQ / MRFSE APPROVAL**

1. CONTRACTOR SHALL INSTALL ALL INFORMATION SIGNAGE IN ACCORDANCE w/ AT&T WIRELESS DOCUMENT #03-0074, RF EXPOSURE POLICY AND RF SAFETY COMPLIANCE PROGRAM, LATEST EDITION.

2. FABRICATION:

\*SIGN 1-1: ENTRANCE DOOR, SEE DETAIL 1A, THIS SHEET

SIGN 1 IS TO BE MADE ON THE 50 MIL ALUMINUM SHEETING (SIZE 8 INCHES BY 12 INCHES) w/ FOUR (4) 1/4 INCH MOUNTING HOLES, ONE EACH CORNER OF THE SIGN FOR MOUNTING w/ HARDWARE w/ TIE WRAPS. THE MAIN BACKGROUND COLOR IS TO BE WHITE FRONT & BACK w/ BLACK LETTERING.

THE INFORMATION BAND SHALL BE 1.2 INCH SOLID GREEN BAND w/ 0.5 INCH HIGH BLACK LETTERING. THE BODY TEXT SHALL BE IN BLACK LETTERING w/ 0.2 INCH HIGH LETTERS. THE REF LINE SHALL BE IN 1/8 INCH LETTERS.

THE PLACEMENT OF TEXT SHALL BE DONE IN A MANNER THAT WILL PERMIT EASY READING FROM A DISTANCE OF APPROXIMATELY 6 FEET IN FRONT OF THE SIGN.

2 ALERTING & INFORMATION SIGNAGE  
N.T.S.

ALL PAINT WILL BE BAKED w/ ENAMEL w/ UV PROTECTIVE COATING OVER THE FACE OF THE SIGN.

\*SIGN 1-2: POLE, SEE DETAIL 1B, THIS SHEET

SIGN 2 MUST BE A NON METALLIC LABEL w/ AN ADHESIVE BACKING. THE LABEL SHALL BE MADE USING VINYL OR SIMILAR WEATHERPROOF MATERIAL. THE LABEL SHALL BE APPROXIMATELY 5X7 INCHES w/ A WHITE BACKGROUND AND BLACK LETTERING. THE GREEN BAND SHALL BE 1.375 INCH IN HEIGHT & THE LETTERING SHALL BE BLACK w/ 0.75 INCH HIGH LETTERS. THE TEXT LETTERING SHALL BE BLACK w/ 1/8 INCH HIGH LETTERS. UV PROTECTION SHALL BE PLACED OVER THE FRONT OF THE LABEL.

\*SIGN 1-3: BACK OF ANTENNAS, SEE DETAIL 1C & 3, THIS SHEET

\*SIGN 3 IS A 1 INCH X 2 INCH PANEL THAT CAN BE APPLIED TO THE BACK OR SIDE OF AN ANTENNA TO IDENTIFY IT AS AN AT&T ANTENNA.

\*SIGN 1-4: SIDE OF ANTENNAS, SEE DETAIL 1D & 3, THIS SHEET

SIGN 4 IS MADE FROM TRANSPARENT MATERIAL 1-1/2 INCHES WIDE & 24 INCHES LONG. THE LETTERING IS TO BE BLACK w/ 1/8 INCH LETTERING IN A VERTICAL COLUMN. THE SPACING BETWEEN WORDS MUST BE SUCH THAT IT IS EASILY READ & FILLS THE LENGTH OF THE SIGN.

SIGNAGE AND STRIPING INFORMATION

- THE FOLLOWING INFORMATION IS A GUIDELINE w/ RESPECT TO PREVAILING STANDARDS LIMITING HUMAN EXPOSURE TO RADIO FREQUENCY ENERGY AND SHOULD BE USED AS SUCH. IF THE SITE'S EMF REPORT OR ANY LOCAL, STATE OR FEDERAL GUIDELINES OR REGULATIONS SHOULD BE IN CONFLICT w/ ANY PART OF THESE NOTES OR PLANS, THE MORE RESTRICTIVE GUIDELINE OR REGULATION SHALL BE FOLLOWED AND OVERRIDE THE LESSER.
- IF THE PUBLIC LIMIT OF RF EXPOSURE ON THE SITE IS EXCEEDED AND THE AREA IS PUBLICLY ACCESSIBLE (e.g. ROOF ACCESS DOOR THAT CANNOT BE LOCKED, OR FIRE EGRESS) THEN BOTH BARRICADES AND STRIPING SHALL BE PLACED AROUND THE ANTENNAS. THE EXACT EXTENT OF THE BARRICADES AND STRIPING SHALL BE DETERMINED BY THE EMF REPORT. USE THE PLANS AS A GUIDELINE FOR PLACEMENT OF SUCH BARRICADES AND STRIPING.
- ALL TRANSMIT ANTENNAS REQUIRE A THREE LANGUAGE WARNING SIGN WRITTEN IN ENGLISH, SPANISH, AND CHINESE. THIS SIGN SHALL BE PROVIDED TO THE CONTRACTOR AND THE AT&T CONSTRUCTION PROJECT MANAGER AT THE TIME OF CONSTRUCTION. THE LARGER SIGN SHALL BE PLACED IN PLAIN SIGHT AT ALL ROOF ACCESS LOCATIONS AND ON ALL BARRICADES. THE SMALLER SIGN SHALL BE PROVIDED TO THE ANTENNA ENCLOSURES IN A MANNER THAT IS EASILY SEEN BY ANY PERSON ON THE ROOF. WARNING SIGNS SHALL COMPLY w/ ANSI C95.2 COLOR, SYMBOL, AND CONTENT CONVENTIONS. ALL SIGNS SHALL HAVE AT&T'S NAME AND THE COMPANY CONTACT INFORMATION (e.g. TELEPHONE NUMBER) TO ARRANGE FOR ACCESS TO THE RESTRICTED AREAS. THIS TELEPHONE NUMBER SHALL BE PROVIDED TO THE CONTRACTOR BY THE AT&T CONSTRUCTION PROJECT MANAGER AT THE TIME OF CONSTRUCTION.
- PHOTOS OF ALL STRIPING, BARRICADES & SIGNAGE SHALL BE PART OF THE CONTRACTORS CLOSE OUT PACKAGE & SHALL BE TURNED INTO THE AT&T CONSTRUCTION PROJECT MANAGER AT THE END OF CONSTRUCTION.
- STRIPING SHALL BE DONE w/ FADE RESISTANT YELLOW SAFETY PAINT IN A CROSS-HATCH PATTERN AS DETAILED BY THE CONSTRUCTION DRAWINGS. ALL BARRICADES SHALL BE MADE OF AN RF FRIENDLY MATERIAL SO AS NOT TO BLOCK OR INTERFERE w/ THE OPERATION OF THE ANTENNAS. BARRICADES SHALL BE PAINTED w/ FADE RESTRAINT YELLOW SAFETY PAINT. THE CONTRACTOR SHALL PROVIDE ALL RF FRIENDLY BARRICADES NEEDED, & SHALL PROVIDE THE AT&T CONSTRUCTION PROJECT MANAGER w/ A DETAILED SHOP DRAWING OF EACH BARRICADE UPON CONSTRUCTION COMPLETION.

PREPARED FOR



5001 EXECUTIVE PKWY.  
 SAN RAMON CA 94583

Vendor:




23 MAUCHLY, SUITE 110  
 IRVINE, CALIFORNIA 92618  
 P-075481

AT&T Site ID:

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 1460 LOVERS LANE  
 UKIAH, CA 95482

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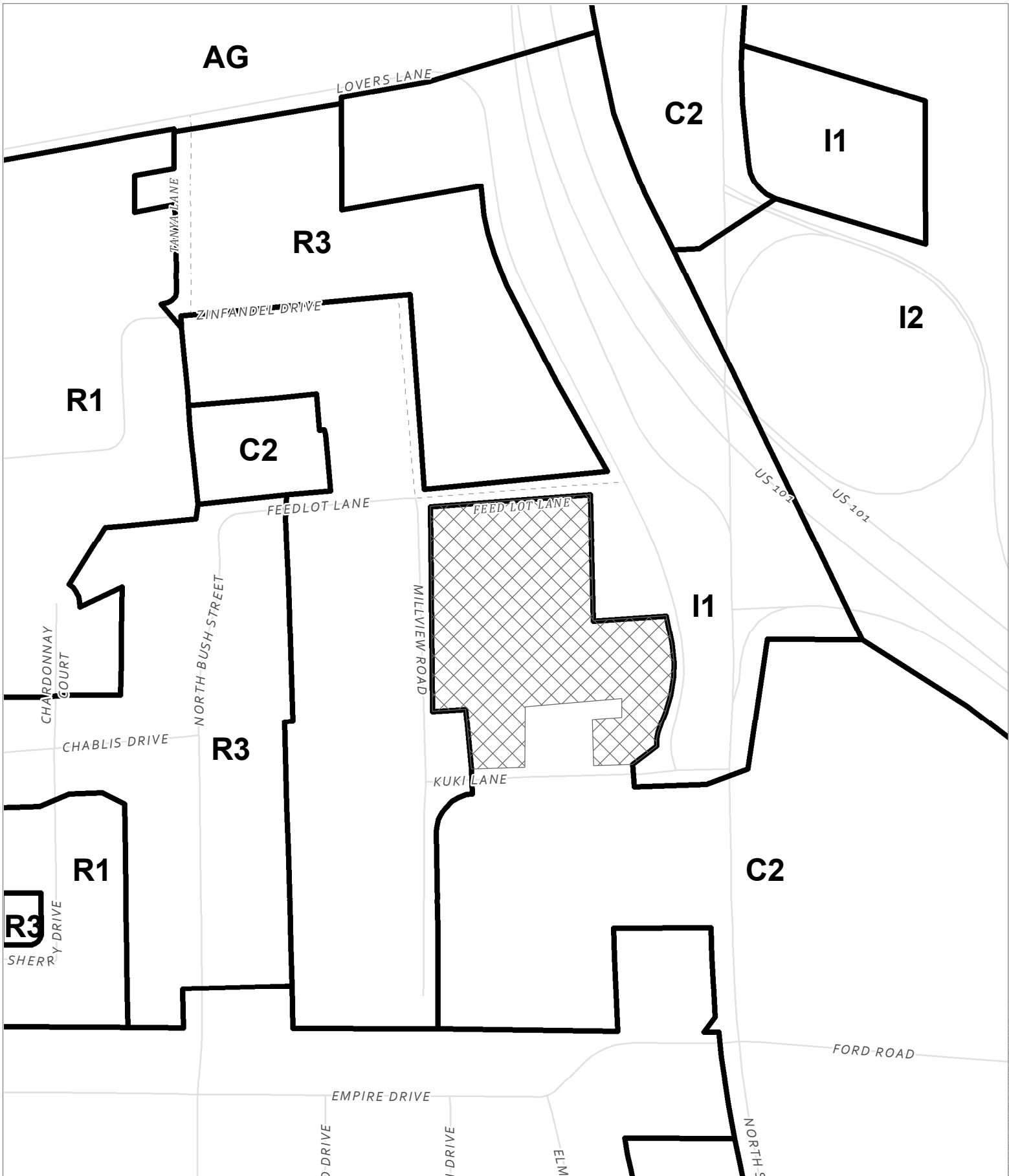
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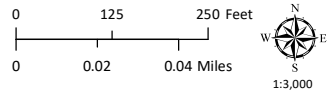
1 GENERAL NOTES  
N.T.S.





**CASE: AP 2022-0047**  
**OWNER: Faizan Corp**  
**APN: 170-120-12**  
**APLCT: AT&T**  
**AGENT: Jaclyn Bellicitti**  
**ADDRESS: 1460 Lover's Ln., Ukiah**

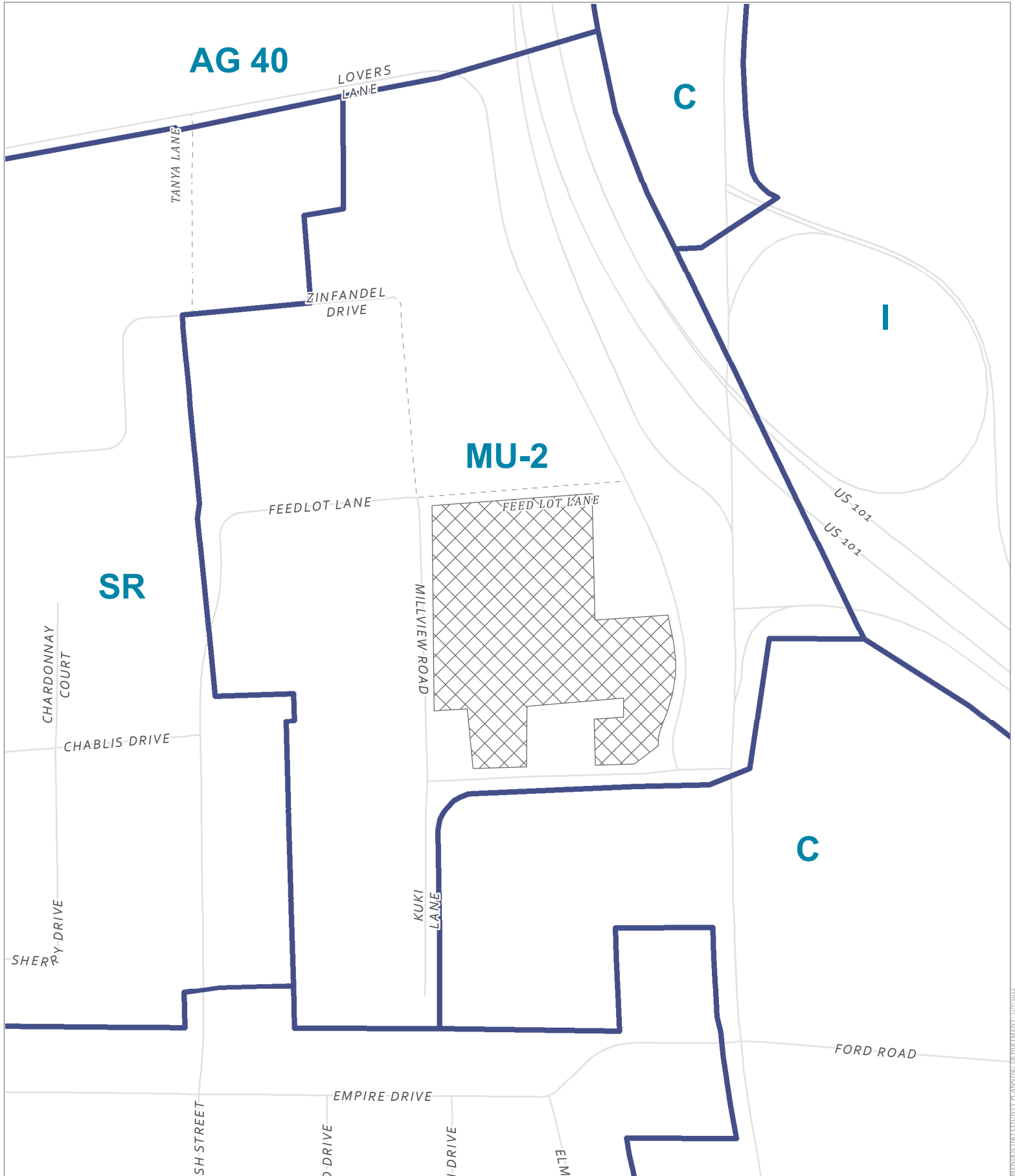
 Zoning Districts  
 Public Roads





**ZONING**

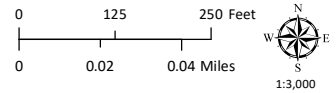
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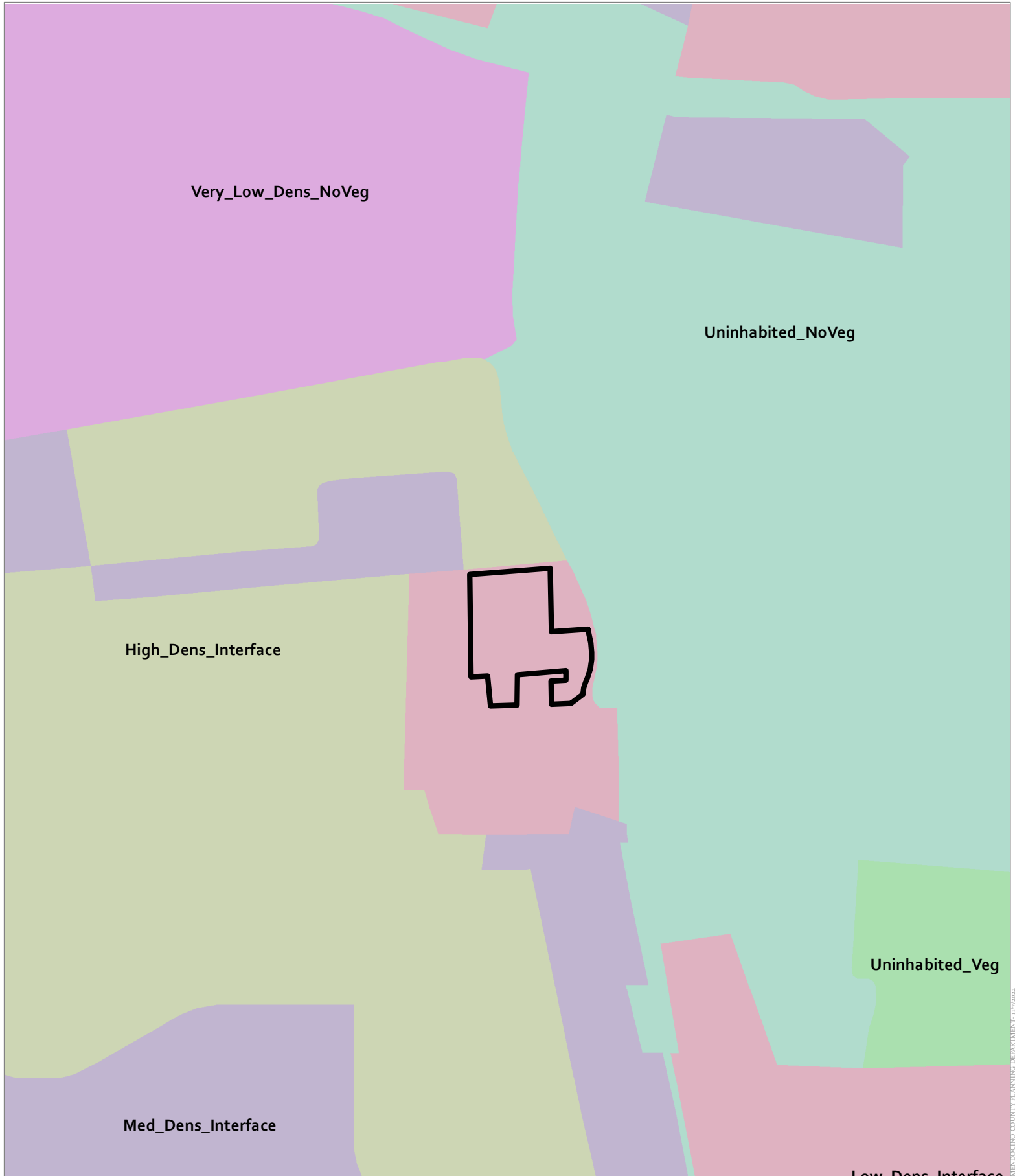
**CASE: AP 2022-0047**  
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 General Plan Classes  
 Public Roads



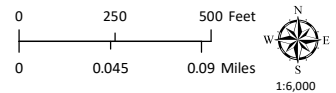
**GENERAL PLAN**

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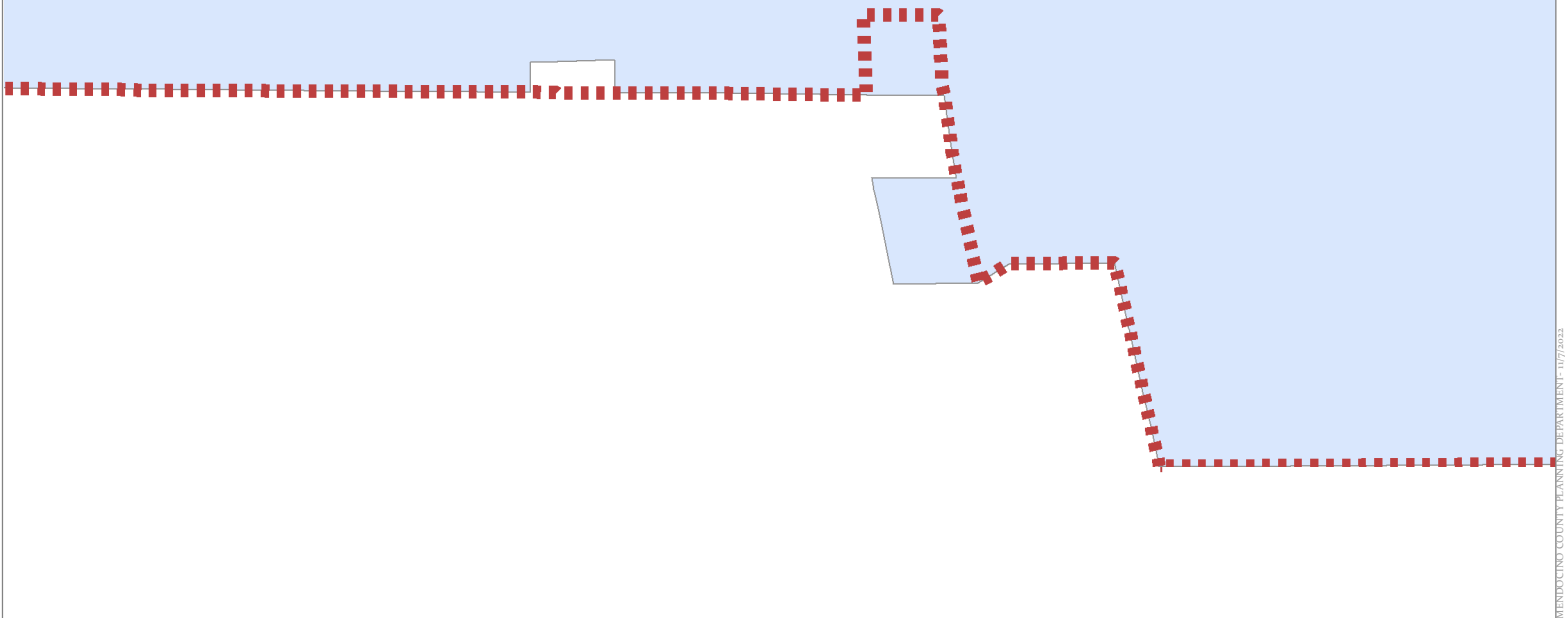
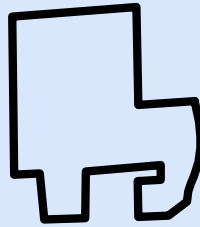


**WILDLAND-URBAN INTERFACE**

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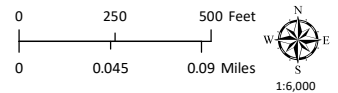
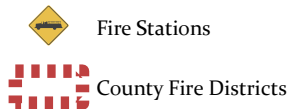


UKIAH VALLEY  
FIRE PROTECTION  
DISTRICT



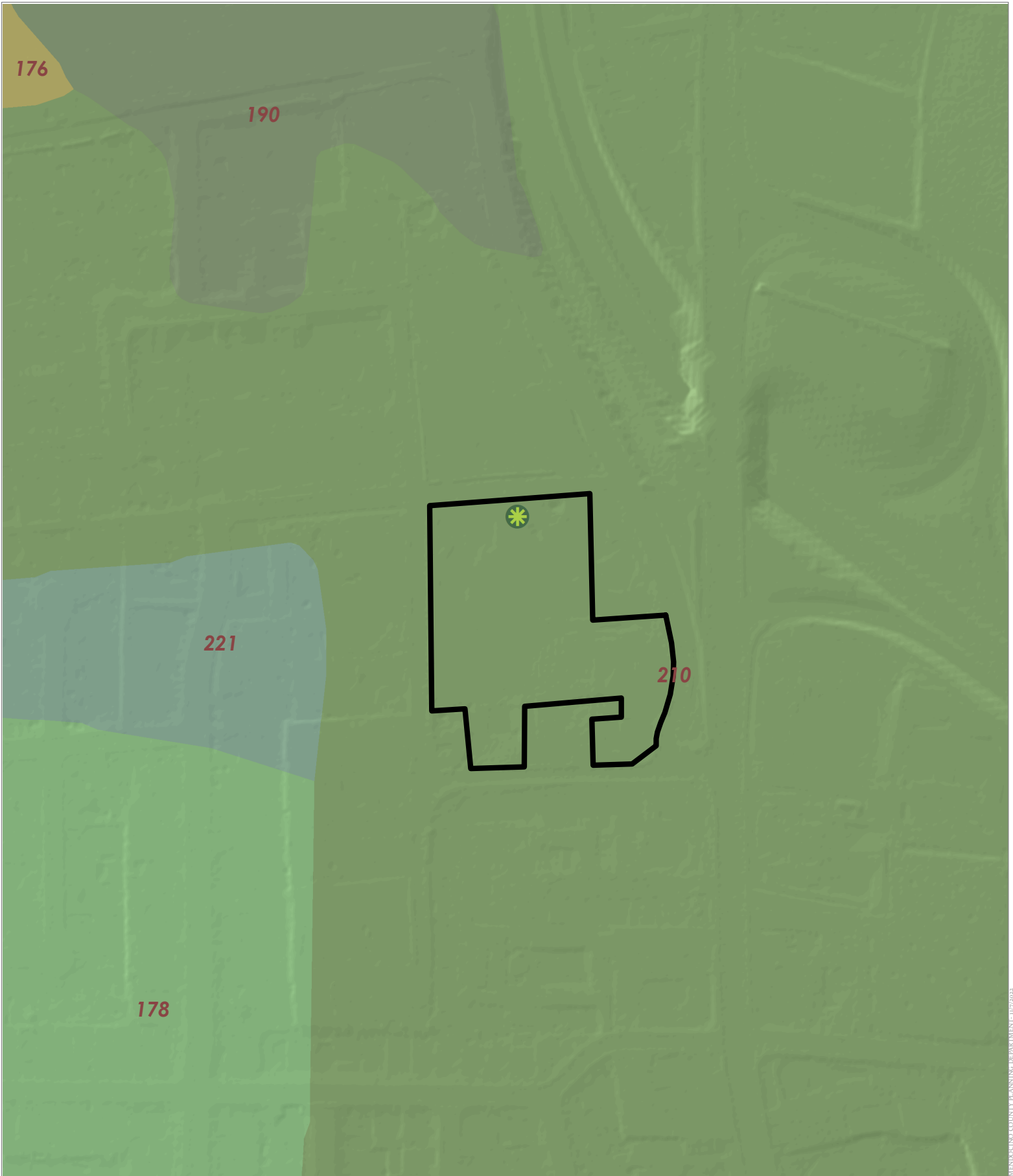
STENOGRAPHY COUNTY PLANNING DEPARTMENT - 11/7/2023

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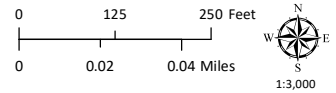
**FIRE HAZARD ZONES & RESPONSIBILITY AREAS**  
STATE RESPONSIBILITY AREA

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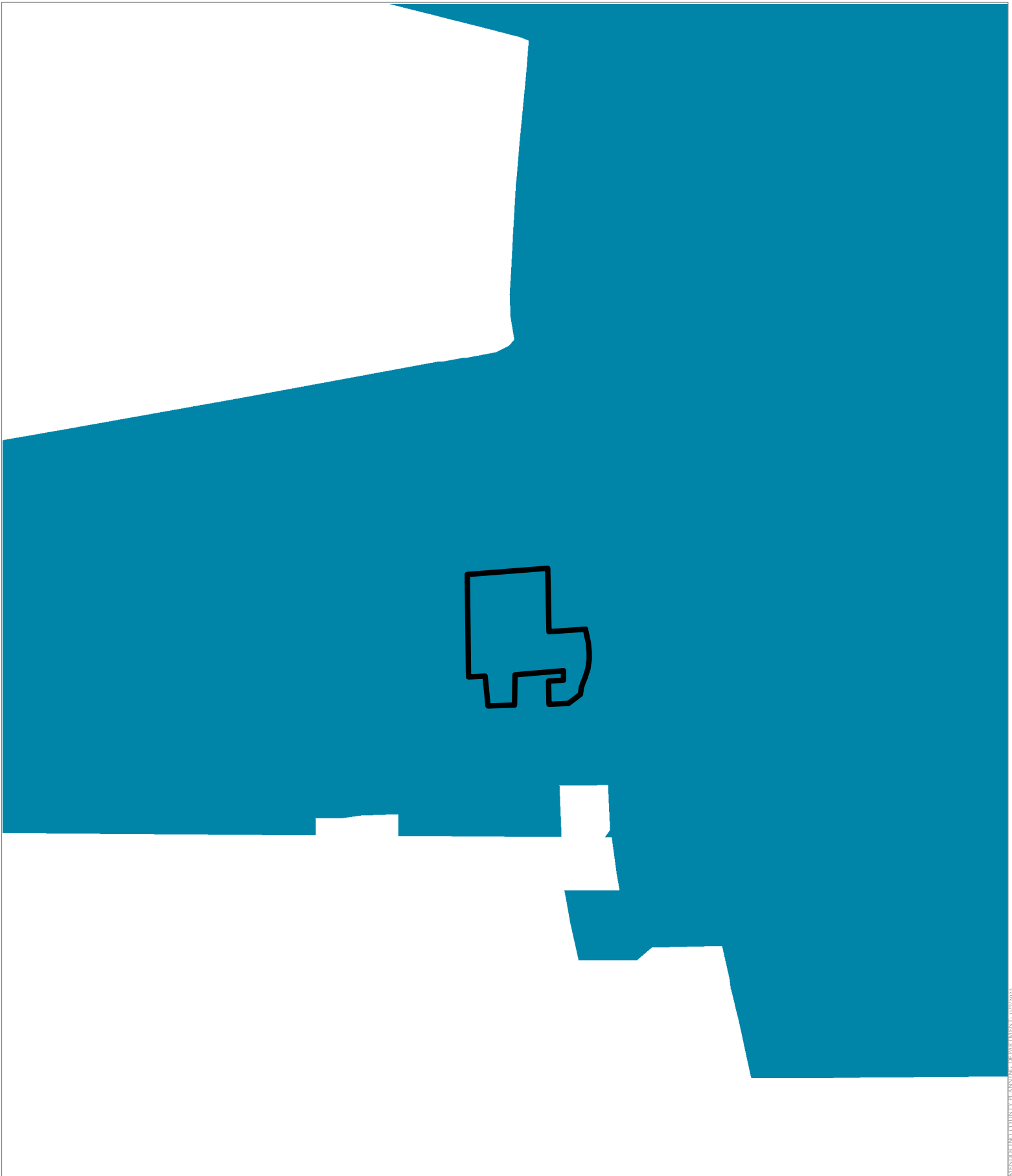
 Approved Wireless Sites



**EASTERN SOIL CLASSIFICATIONS**

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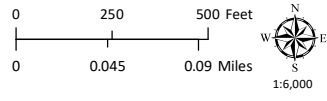
MENDOCINO COUNTY PLANNING DEPARTMENT - 11/7/2023



MENDOCINO COUNTY PLANNING DEPARTMENT - 10/7/2023

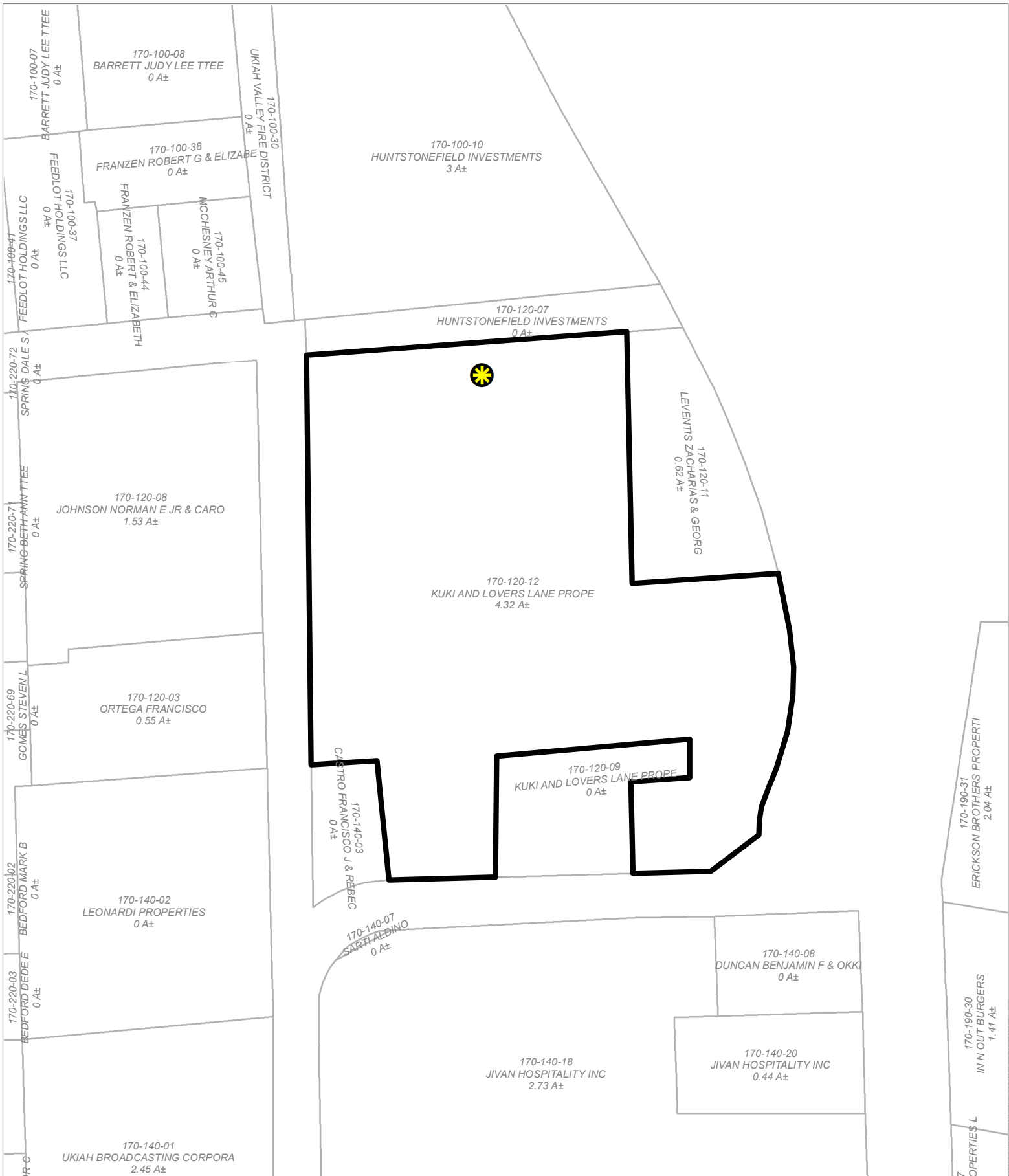
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 Ukiah Stormwater Areas



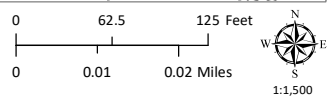
**MS4 STORMWATER AREA**

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 Approved Wireless Sites



**AERIAL IMAGERY**

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MENDOCINO COUNTY PLANNING DEPARTMENT - 1/7/2023