



COUNTY OF MENDOCINO
DEPARTMENT OF PLANNING AND BUILDING SERVICES
860 NORTH BUSH STREET • UKIAH • CALIFORNIA • 95482
120 WEST FIR STREET • FT. BRAGG • CALIFORNIA • 95437

BRENT SCHULTZ, DIRECTOR
TELEPHONE: 707-234-6650
FAX: 707-463-5709
FB PHONE: 707-964-5379
FB FAX: 707-961-2427
pbs@mendocinocounty.org
www.mendocinocounty.org/pbs

December 3, 2019

Department of Transportation
Environmental Health - Ukiah
Office of Emergency Services

Assessor
Air Quality Management
CalFire – Prevention

Cloverdale Rancheria
Redwood Valley Rancheria
Sherwood Valley Band of Pomo Indians

CASE#: AP_2019-0094

DATE FILED: 10/29/2019

OWNER: RICHARD THADDEUS MURPHY

APPLICANT: TOWER ENGINEERING PROFESSIONALS

AGENT: MARY MCGARITY

REQUEST: Administrative Permit to remove and replace six (6) Long Term Evolution (LTE) Pantel antennas, six (6) RRHs, fiber and power jumpers, equipment cabinets and additional ancillary equipment.

LOCATION: 4.4± miles north of Calpella, lying on the west side of US Highway 101 (US 101), 0.5± mile southwest of the intersection of Uva Drive (CR 239) and Finne Road (private), located at 821 Finne Rd., Redwood Valley (APN: 151-220-05).

ENVIRONMENTAL DETERMINATION: Categorically Exempt

SUPERVISORIAL DISTRICT: 1

STAFF PLANNER: CHEVON HOLMES

RESPONSE DUE DATE: December 17, 2019

PROJECT INFORMATION CAN BE FOUND AT:

<https://www.mendocinocounty.org/government/planning-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. 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 _____

CASE: AP_2019-0094

OWNER: RICHARD THADDEUS & JUDI MURPHY

APPLICANT: Tower Engineering Professionals

AGENT: Mary Mcgarity

REQUEST: Administrative Permit to remove and replace six (6) Long Term Evolution (LTE) Pantel antennas, six (6) RRHs, fiber and power jumpers, equipment cabinents and additional ancillary equipment.

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APN/S: 15122005

PARCEL SIZE: 3,600 ± Square Foot Leased Area of 30.04 ± Acre Parcel

GENERAL PLAN: Agriculture 40 Acre Minimum (AG40)

ZONING: Agriculture 40 Acre Minimum (AG:40)

EXISTING USES: Telecommunications Facility

SUPERVISORIAL DISTRICT: 1st District (Williams)

- RELATED CASES:**
- On November 4, 2004 the Planning Commission approved U 21-2004 for the construction of a 65-foot wireless telecommunication tower, a reduction of the original request to build to 90-feet, to support a three sector antenna array consisting of three antennas per sector for a total of nine antennas mounted to the tower 60 feet above ground.
 - Use Permit Modification - UM 21-2004/2006 - to add a 30-foot extension to an existing 60-foot monopine (a monopole designed to resemble a pine tree) and place twelve panel antennas near the top of the monopine. Ultimately the applicant amended the request to 83.5 feet and the application was approved.
 - Use Permit Modification - UM 21-2004/2012 - to place 6 panel antennas on an existing 83.5 foot tall “monopine” (a monopole designed to resemble a pine tree). Associated ground equipment installed included 5 small cabinets totaling approximately 67 square feet.
 - May 21, 2017 the Zoning Administrator approved Administrative Permit AP-2016-0030 allowing US Cellular to make antenna modifications to an existing tower: decommissioning and removal from site: (3) antennae KMW ET-X-CW-45-19-IR-AT (6) 7/8” coaxial cable. Install the following: (3) antennas HTXCW631819ROOOG, (1) Hybrid cable, (1) power cable, (6) FRLB remote radio heads, (2) Raycap surge protectors, (12) Kaelus combiners, 2 stackable FXCB remote radio heads and Relocate (3) antenna – (3) Antel BXA 800.

	<u>ADJACENT GENERAL PLAN</u>	<u>ADJACENT ZONING</u>	<u>ADJACENT LOT SIZES</u>	<u>ADJACENT USES</u>
NORTH:	Agriculture 40 Acre Minimum (A	Agriculture 40 Acre Minimum (A	32.5 +/- Acres	Agriculture/Residential
EAST:	Rural Residential 5 Acre Minim	Rural Residential 5 Acre Minim	18.8 +/- Acres & 5.7 +/- Acres	Agriculture/Residential
SOUTH:	Rangeland 160 Acre Minimum (RL	Rangeland 160 Minimum Acres (R	75.41 +/- Acres	Rangeland/Vacant
WEST:	Rural Residential 5 Acre Minim	Rural Residential 5 Acre Minim	21.19 +/- Acres	Residential/Vacant

<u>REFERRAL AGENCIES</u>		
<u>LOCAL</u>	<u>STATE</u>	<u>TRIBAL</u>
<input checked="" type="checkbox"/> Air Quality Management District	<input checked="" type="checkbox"/> CALFIRE (Land Use)	<input checked="" type="checkbox"/> Cloverdale Rancheria
<input checked="" type="checkbox"/> Assessor’s Office		<input checked="" type="checkbox"/> Redwood Valley Rancheria
<input checked="" type="checkbox"/> Building Division (Ukiah)		<input checked="" type="checkbox"/> Sherwood Valley Band of Pomo Indians
<input checked="" type="checkbox"/> Department of Transportation (DOT)		
<input checked="" type="checkbox"/> Office of Emergency Services		

ADDITIONAL INFORMATION: According to the application agent's statement provided in the application "There will be no change in height, no ground work and no electrical work."

ENVIRONMENTAL DATA

1. MAC:

GIS

NO

2. FIRE HAZARD SEVERITY ZONE:

CALFIRE FRAP maps/GIS

High Fire Hazard

3. FIRE RESPONSIBILITY AREA:

CALFIRE FRAP maps/GIS

Redwood Valley/Calpella Fire Protection District

4. FARMLAND CLASSIFICATION:

GIS

Rural Residential and Rural Commercial

5. FLOOD ZONE CLASSIFICATION:

FEMA Flood Insurance Rate Maps (FIRM)

NO

6. COASTAL GROUNDWATER RESOURCE AREA:

Coastal Groundwater Study/GIS

N/A

7. SOIL CLASSIFICATION:

Mendocino County Soils Study Eastern/Western Part

Yokayo Sanhy Loam

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 (Eel Only); GIS

NO

20. SPECIFIC PLAN/SPECIAL PLAN AREA:

Various Adopted Specific Plan Areas; GIS

NO

21. STATE CLEARINGHOUSE REQUIRED:

Policy

N/A

22. OAK WOODLAND AREA:

USDA

23. HARBOR DISTRICT:

Sec. 20.512

NO



**PLANNING & BUILDING
SERVICES**

CASE NO:	AP-2019-0094
DATE FILED:	10/29/19
FEE:	2,213.00
RECEIPT NO:	PRJ-031368
RECEIVED BY:	CCH
Office Use Only	

APPLICATION FORM

APPLICANT:

Name: Tower Engineering Professionals Inc Phone: 980-202-5894
Mailing Address: 10700 Sikes Place, Suite 360
City: Charlotte State/Zip: NC 28277 Email: mcmcgarity@tepgroup.net

PROPERTY OWNER:

Name: US Cellular Corporation Phone:
Mailing Address: 8410 Bryn Mawr, Suite 700
City: Chicago State/Zip: IL Email:

AGENT:

Name: Tower Engineering Professionals Inc. (Mary McGarity) Phone: 980-202-5894
Mailing Address: 10700 Sikes Place, Suite 360
City: Charlotte State/Zip: NC 28277 Email: mcmcgarity@tepgroup.net

ASSESSOR'S PARCEL NUMBER/S: 151-220-05 address: 821 Finne Road, Redwood Valley, CA 95470

TYPE OF APPLICATION:

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

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

Mary McGarity
Signature of Applicant/Agent

10/21/2019

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.

US Cellular to add and replace antenna and RRU on existing cell tower.

There will be no change in height, no ground work and no electrical work.

2. Structures/Lot Coverage	Number 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 checked="" type="checkbox"/> Other: cell tower <input type="checkbox"/> Other:					
Total Structures Paved Area Landscaped Area NA Unimproved Area					
GRAND TOTAL (Equal to gross area of Parcel)					

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

Estimated employees per shift: _____

Estimated shifts per day: _____

Type of loading facilities proposed: _____ NA

4. Will the proposed project be phased? ☐ Yes ☒ No If yes, explain your plans for phasing:

5. Will vegetation be removed on areas other than the building sites and roads? ☐ Yes ☒ No Explain:

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:

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

	Number	Size
Number of covered spaces	_____	_____
Number of uncovered spaces	_____	_____
Number of standard spaces	_____	_____
Number of handicapped spaces	_____	_____
Existing Number of Spaces	_____	
Proposed Additional Spaces	_____	
Total	_____	

8. Is any road construction or grading planned? ☐ Yes ☒ No If yes, grading and drainage plans may be required. Also, describe the terrain to be traversed (e.g., steep, moderate slope, flat, etc.).

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

- A. Amount of cut _____ cubic yards
- B. Amount of fill _____ cubic yards
- C. Maximum height of fill slope _____ feet
- D. Maximum height of cut slope _____ feet
- E. Amount of import or export _____ cubic yards
- F. Location of borrow or disposal site _____

<p>10. Does the project involve sand removal, mining or gravel extraction? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If yes, detailed extraction, reclamation and monitoring plans may be required?</p> <p>11. Will the proposed development convert land currently or previously used for agriculture to another use? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If yes, how many acres will be converted? _____ acres. An agricultural economic feasibility study may be required.</p> <p>12. Will the development provide public or private recreational opportunities? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If yes, explain below: _____ _____ _____ _____</p>	
<p>13. Is the proposed development visible from State Highway 1 or other scenic route? <input type="checkbox"/> Yes <input type="checkbox"/> No</p>	<p>14. Is the proposed development visible from a park, beach or other recreational area? <input type="checkbox"/> Yes <input type="checkbox"/> No</p>
<p>15. Does the development involve diking, filling, dredging or placing structures in open coastal water, wetlands, estuaries or lakes?</p> <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p>Diking : <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>Filling: <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>Dredging: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> </div> <div style="width: 45%;"> <p>Placement of structures in:</p> <p><input type="checkbox"/> open coastal waters</p> <p><input type="checkbox"/> wetlands</p> <p><input type="checkbox"/> estuaries</p> <p><input type="checkbox"/> lakes</p> </div> </div> <p>If so, amount of material to be dredged or filled? _____ cubic yards.</p> <p>Location of dredged material disposal site? _____</p> <p>Has a U.S. Army Corps of Engineers permit been applied for? <input type="checkbox"/> Yes <input type="checkbox"/> No</p>	
<p>16. Will there be any exterior lighting? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If yes, describe below and identify the location of all exterior lighting on the plot plan and building plans. _____ _____</p>	
<p>17. Utilities will be supplied to the site as follows: NA</p> <p>A. Electricity:</p> <p><input type="checkbox"/> Utility Company (service exists to the parcel)</p> <p><input type="checkbox"/> Utility Company (requires extension of service to site: _____ feet _____ miles)</p> <p><input type="checkbox"/> On Site Generation - Specify: _____</p> <p>B. Gas:</p> <p><input type="checkbox"/> Utility Company/Tank</p> <p><input type="checkbox"/> On Site Generation - Specify: _____</p> <p><input type="checkbox"/> None</p> <p>C. Telephone: <input type="checkbox"/> Yes <input type="checkbox"/> No</p>	
<p>18. What will be the method of sewage disposal? NA</p> <p><input type="checkbox"/> Community sewage system - Specify supplier _____</p> <p><input type="checkbox"/> Septic Tank</p> <p><input type="checkbox"/> Other - Specify: _____</p>	
<p>19. What will be the domestic water source: NA</p> <p><input type="checkbox"/> Community water system - Specify supplier _____</p> <p><input type="checkbox"/> Well</p> <p><input type="checkbox"/> Spring</p> <p><input type="checkbox"/> Other - Specify: _____</p>	

20.	Are there any associated projects and/or adjacent properties under your ownership? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If yes, explain (e.g., Assessor's Parcel Number, address, etc.): <hr/> <hr/> <hr/>																														
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: <hr/> <hr/>																														
22.	Describe the location of the site in terms of readily identifiable landmarks (e.g., mailboxes, mile posts, street intersections, etc.): <hr/> <hr/> <hr/>																														
23.	Are there existing structures on the property? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No 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. <hr/> <hr/> <hr/>																														
24.	Will any existing structures be demolished or removed? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If yes, describe the type of development to be demolished or removed, including the relocation site, if applicable. <hr/> <hr/> <hr/>																														
25.	Project Height. Maximum height of existing structures <u>78</u> feet. Maximum height of proposed structures _____ feet.																														
26.	Gross floor area of existing structures _____ square feet (including covered parking and accessory buildings). Gross floor area of proposed structures _____ square feet (including covered parking and accessory buildings).																														
27.	Lot area (within property lines): _____ <input type="checkbox"/> square feet <input type="checkbox"/> acres.																														
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. <hr/> <hr/> <hr/>																														
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. <hr/> <hr/>																														
30.	Indicate the surrounding land uses: <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 33%;"></th> <th style="width: 16.6%; text-align: center;">North</th> <th style="width: 16.6%; text-align: center;">East</th> <th style="width: 16.6%; text-align: center;">South</th> <th style="width: 16.6%; text-align: center;">West</th> </tr> </thead> <tbody> <tr> <td><u>Vacant</u></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td><u>Residential Agricultural</u></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td><u>Commercial Industrial</u></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td><u>Institutional Timberland</u></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td><u>Other</u></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>		North	East	South	West	<u>Vacant</u>					<u>Residential Agricultural</u>					<u>Commercial Industrial</u>					<u>Institutional Timberland</u>					<u>Other</u>				
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<u>Other</u>																															

CERTIFICATION AND SITE VIEW AUTHORIZATION- SUBMIT ONLY ONE COPY

1. I hereby certify that I have read this completed application and that, to the best of my knowledge, the information in this application, and all attached appendices and exhibits, is complete and correct. I understand that the failure to provide any requested information or any misstatements submitted in support of the application shall be grounds for either refusing to accept this application, for denying the permit, for suspending or revoking a permit issued on the basis of such misrepresentations, or for seeking of such further relief as may seem proper to the County.
2. I hereby grant permission for County Planning and Building Services staff and hearing bodies to enter upon and site view the premises for which this application is made in order to obtain information necessary for the preparation of required reports and render its decision.

Mary McGarity

Owner/Authorized Agent

10/10/2019

Date

NOTE: IF SIGNED BY AGENT, OWNER MUST SIGN BELOW.

AUTHORIZATION OF AGENT

I hereby authorize _____ to act as my representative and to bind me in all matters concerning this application.

Owner

Date

MAIL DIRECTION

To facilitate proper handling of this application, please indicate the names and mailing addresses of individuals to whom you wish correspondence and/or staff reports mailed if different from those identified on Page 1 of the application form.

Name	Name	Name
Mailing Address	Mailing Address	Mailing Address

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

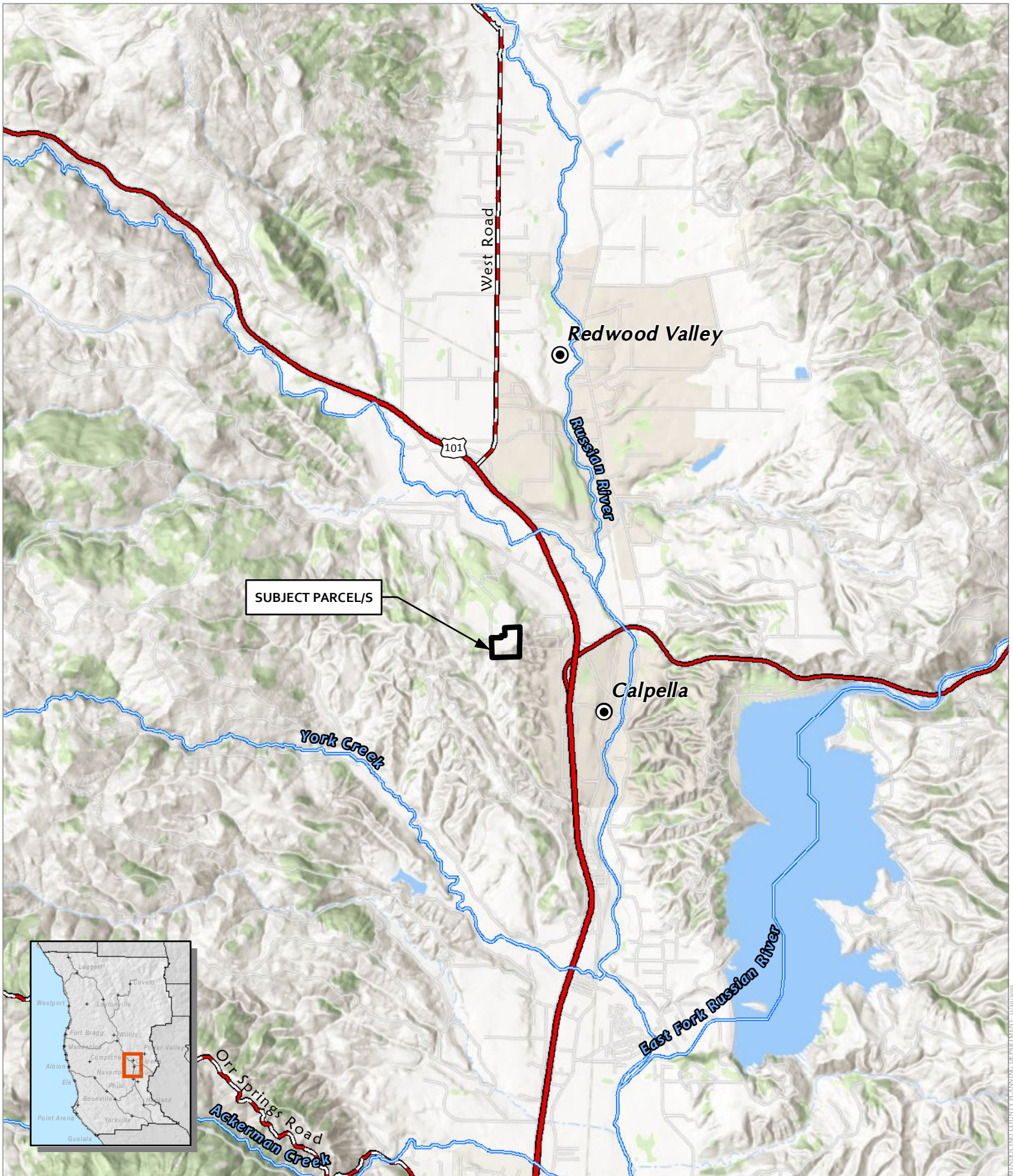
As part of this application, applicant agrees to defend, indemnify, release and hold harmless the County of Mendocino, its agents, officers, attorneys, employees, boards and commissions, as more particularly set forth in Mendocino County Code Section 1.04.120, from any claim, action or proceeding brought 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.

Applicant: _____

Mary McGarity

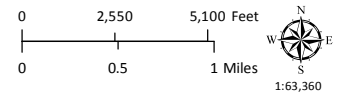
Date: _____

10/10/2019

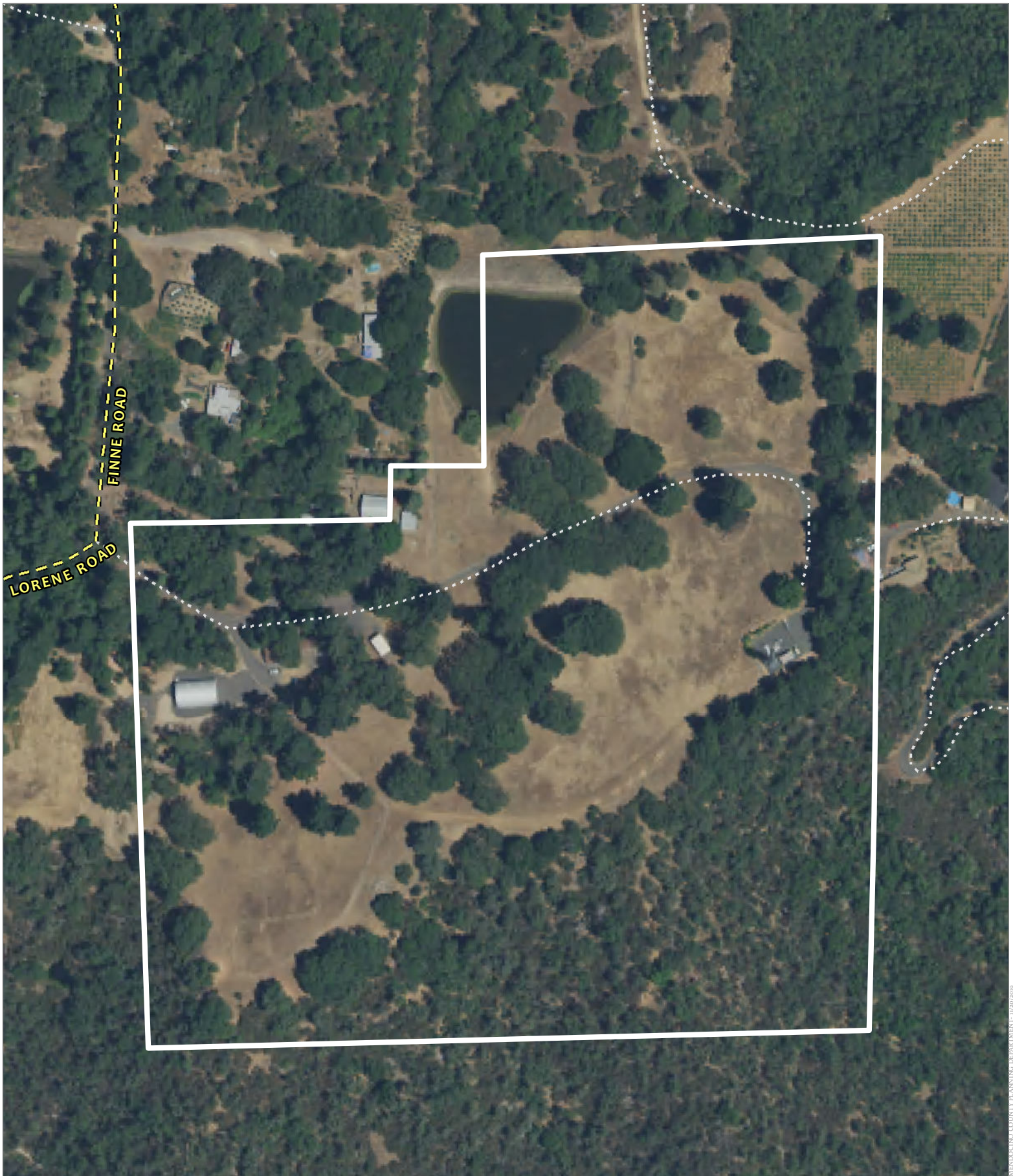


CASE: **AP 2019-0094**
 OWNER: **MURPHY, Richard & Judie**
 APN: **151-220-05**
 APLCT: **Tower Engineering Professionals, Inc.**
 AGENT: **Tower Engineering Professionals, Inc.**
 ADDRESS: **821 Finne Road, Redwood Valley**

- Major Towns & Places
- ▭ City Limits
- Major Rivers
- Highways
- Major Roads

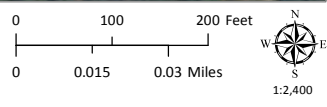


LOCATION MAP

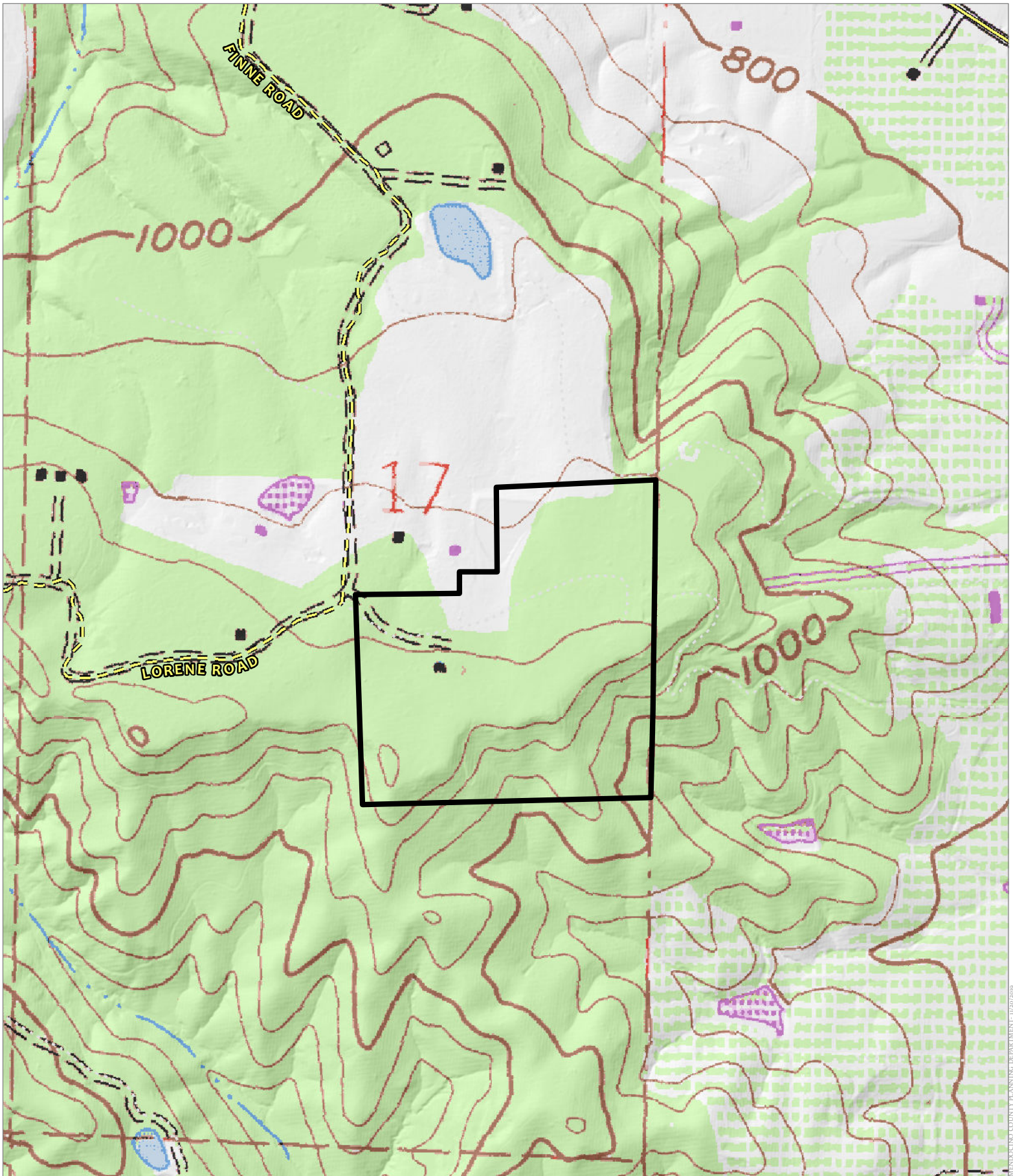


CASE: AP 2019-0094
OWNER: MURPHY, Richard & Judie
APN: 151-220-05
APLCT: Tower Engineering Professionals, Inc.
AGENT: Tower Engineering Professionals, Inc.
ADDRESS: 821 Finne Road, Redwood Valley

== Private Roads
---- Driveways/Unnamed Roads

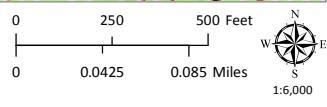


AERIAL IMAGERY



CASE: AP 2019-0094
OWNER: MURPHY, Richard & Judie
APN: 151-220-05
APLCT: Tower Engineering Professionals, Inc.
AGENT: Tower Engineering Professionals, Inc.
ADDRESS: 821 Finne Road, Redwood Valley

- Public Roads
- Private Roads
- Driveways/Unnamed Roads



TOPOGRAPHIC MAP
CONTOUR INTERVAL IS 40 FEET

REDAWOOD COUNTY PLANNING DEPARTMENT - 11/29/2019

EUPEN HYBRID CABLE LENGTH

PROPOSED RAYCAP SPD QUANTITY ON EQUIPMENT PAD:	1
EXISTING RAYCAP SPD QUANTITY ON EQUIPMENT PAD:	2
LENGTH FROM EQUIPMENT PAD RAYCAP SPD TO ICE BRIDGE:	4-FT
ICE BRIDGE LENGTH:	20-FT
RAYCAP CENTERLINE + 12-FT BUFFER:	66-FT
TOTAL ESTIMATED LENGTH OF HYBRID CABLE:	90-FT
TOTAL EST. LENGTH OF HYBRID CABLE (ROUNDED UP):	100-FT

JUMPER INFO

FIBER/POWER JUMPER LENGTH FROM RAYCAP TO RRH			
	B71/12	B2/4	B5
ALPHA SECTOR:	15-FT	15-FT	15-FT
BETA SECTOR:	15-FT	15-FT	-
GAMMA SECTOR:	15-FT	15-FT	-

1/2" JUMPER FROM B71/12 RRH TO ANTENNA	
ALPHA SECTOR:	25-FT
BETA SECTOR:	25-FT
GAMMA SECTOR:	25-FT

1/2" JUMPER FROM B2/4 RRH TO ANTENNA	
ALPHA SECTOR:	25-FT
BETA SECTOR:	25-FT
GAMMA SECTOR:	25-FT



1/2" JUMPER FROM B5 RRH TO ANTENNA	
ALPHA SECTOR:	25-FT
BETA SECTOR:	25-FT
GAMMA SECTOR:	25-FT

RET JUMPER INFO

	RRH TO ANTENNA
ALPHA SECTOR:	10-M
BETA SECTOR:	10-M
GAMMA SECTOR:	10-M

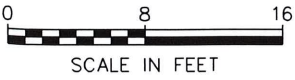
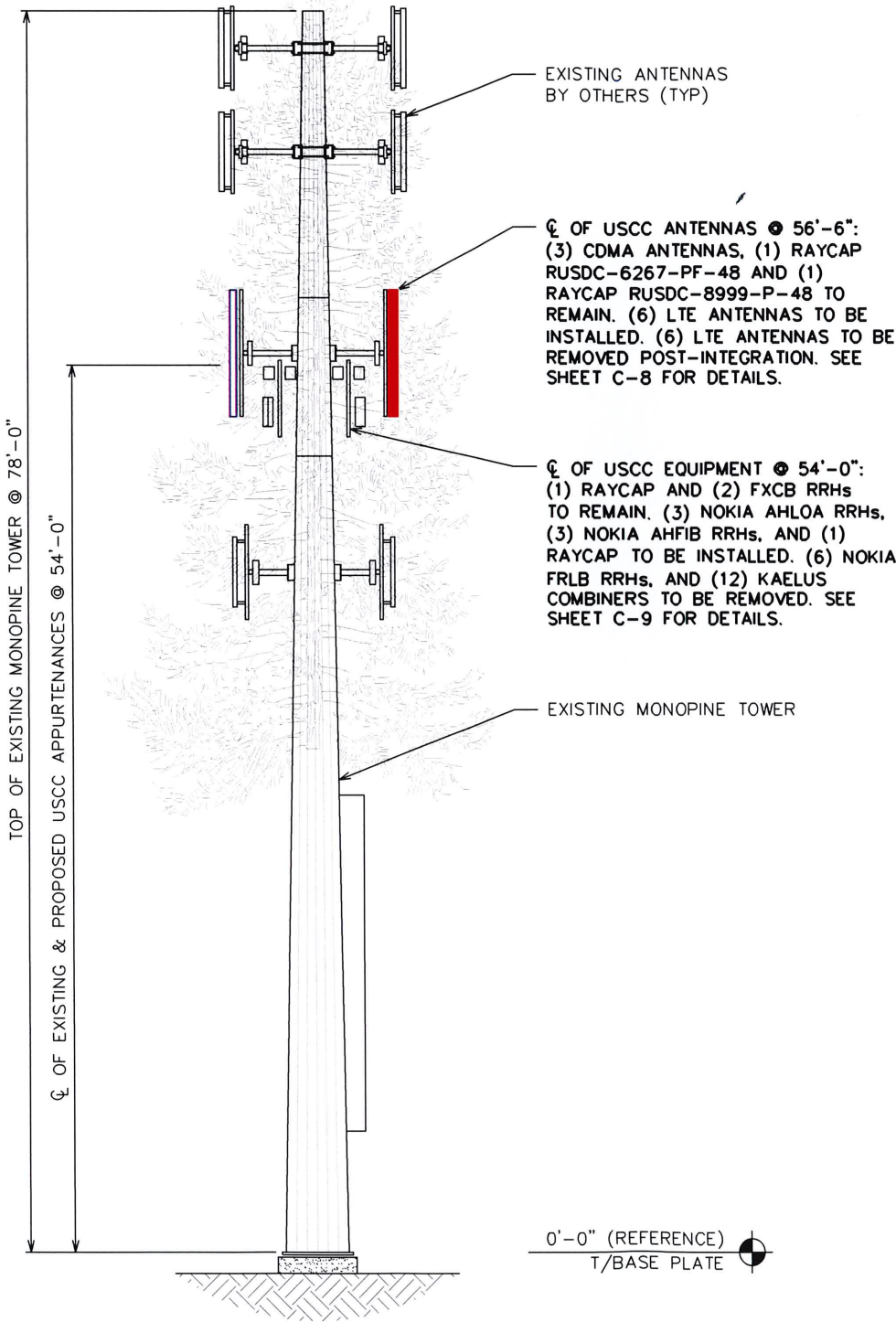
NOTE:

PROPOSED EQUIPMENT TO BE INSTALLED PRIOR TO EXISTING EQUIPMENT DECOMMISSION.

PROPOSED LTE PANEL TO BE INSTALLED: 
EXISTING CDMA PANEL TO BE REMAIN: 

PROPOSED TOWER ELEVATION

SCALE: 3/32" = 1'-0"



EXISTING TOWER ELEVATION

PLANS PREPARED FOR:


8410 W. BRYN MAWR, SUITE 700
CHICAGO, IL 60631
(773) 399-8900

PROJECT INFORMATION:

568383
CALPELLA
821 FINNE ROAD
REDWOOD VALLEY, CA 95470
(MENDOCINO COUNTY)

PLANS PREPARED BY:


TOWER ENGINEERING PROFESSIONALS
326 TRYON ROAD
RALEIGH, NC 27603-3530
OFFICE: (919) 661-6351
www.tepgroup.net

SEAL:


October 9, 2019

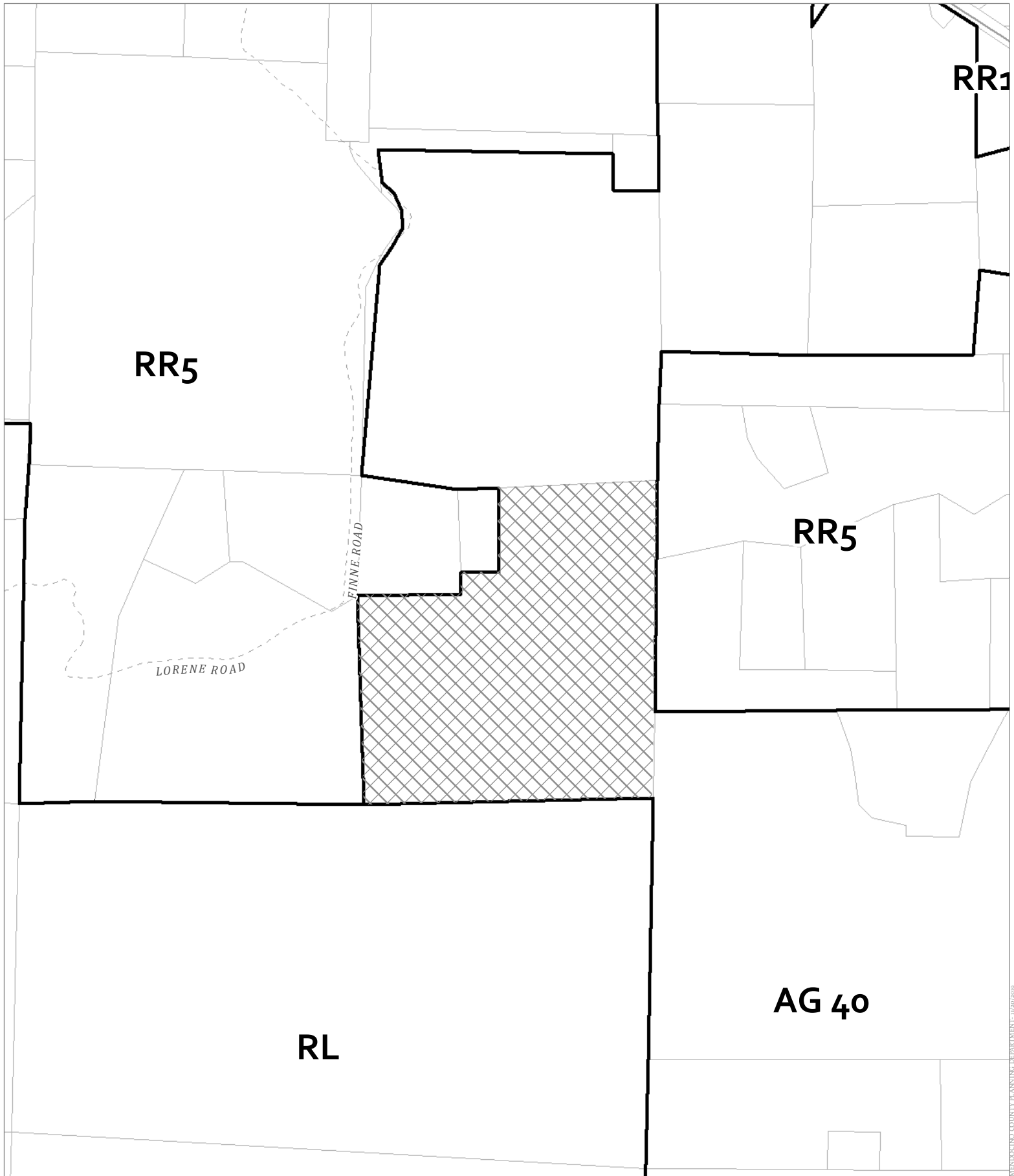
3	10-09-19	CONSTRUCTION
2	10-04-19	PRELIMINARY
1	09-27-19	PRELIMINARY
0	09-19-19	PRELIMINARY
REV	DATE	ISSUED FOR:

DRAWN BY: LLS CHECKED BY: JHJ

SHEET TITLE:


**TOWER
ELEVATION**

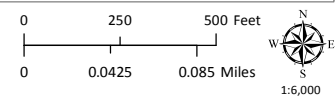
SHEET NUMBER: **C-6** REVISION: **3**
TEP#: 25220.294574



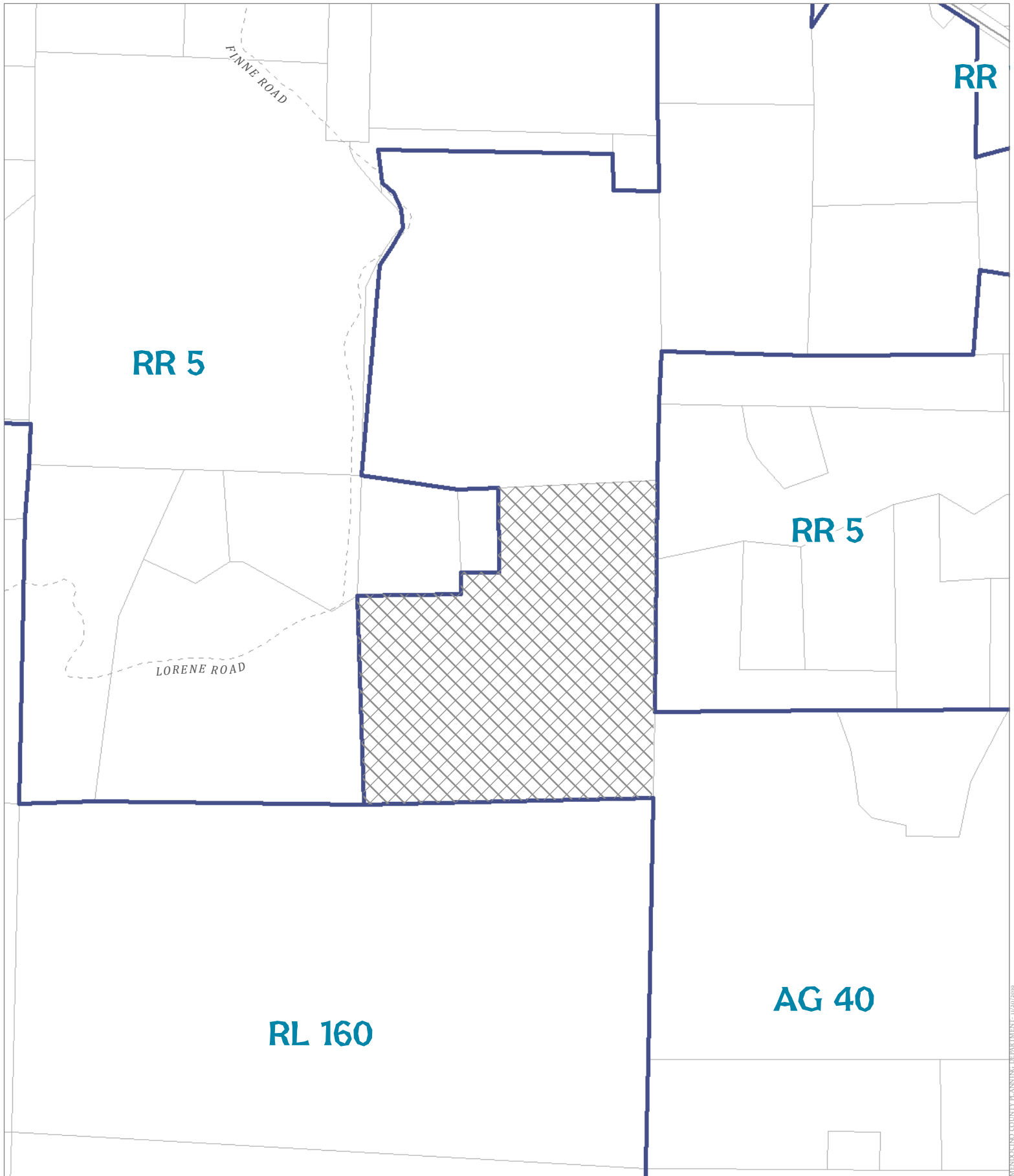
MENDOCINO COUNTY PLANNING DEPARTMENT - 11/20/2009

CASE: **AP 2019-0094**
OWNER: **MURPHY, Richard & Judie**
APN: **151-220-05**
APLCT: **Tower Engineering Professionals, Inc.**
AGENT: **Tower Engineering Professionals, Inc.**
ADDRESS: **821 Finne Road, Redwood Valley**

 Zoning Districts
 Public Roads





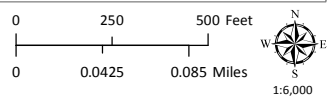
ZONING DISPLAY MAP



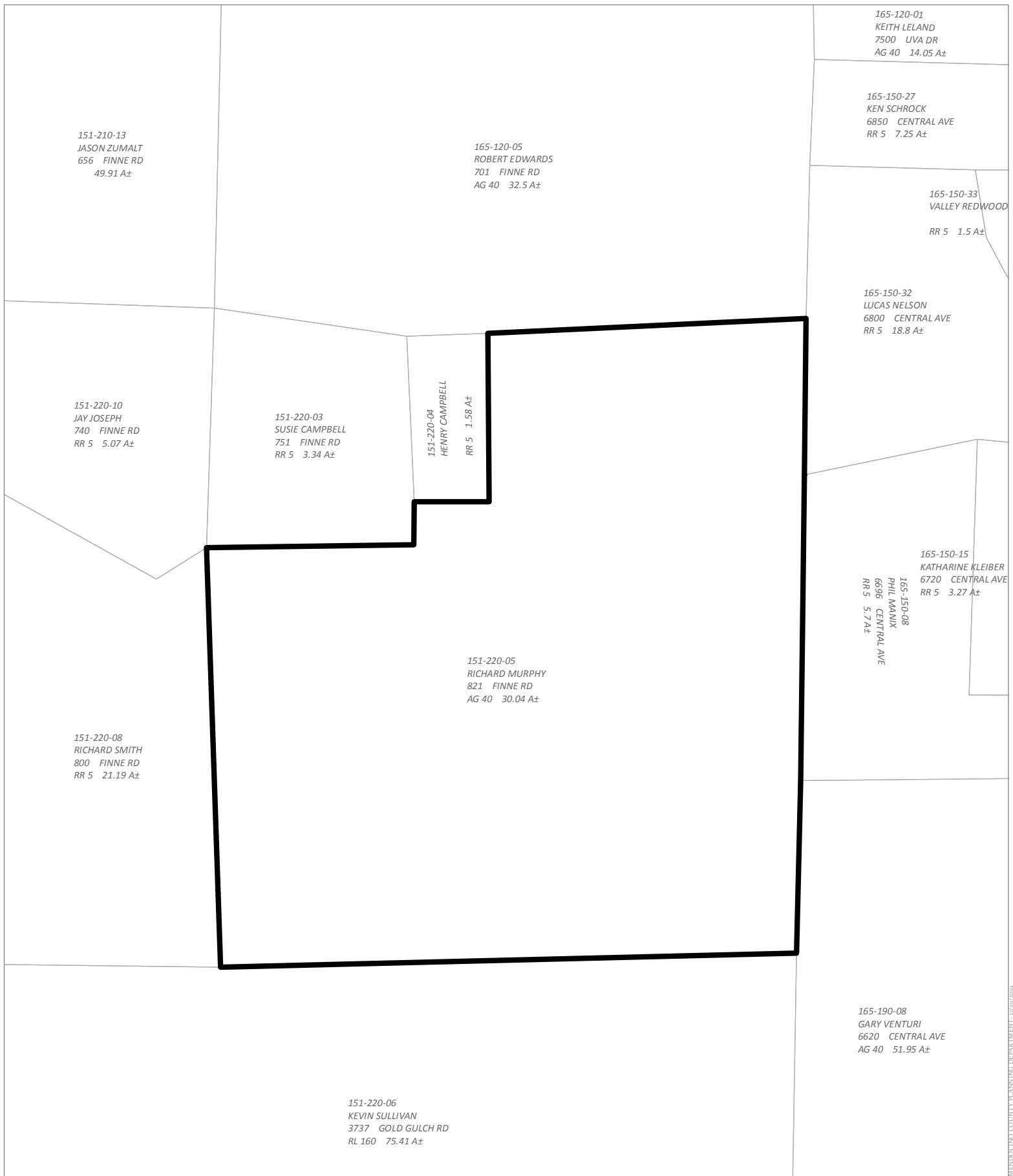
MENDOCINO COUNTY PLANNING DEPARTMENT - 11/20/2009

CASE: AP 2019-0094
OWNER: MURPHY, Richard & Judie
APN: 151-220-05
APLCT: Tower Engineering Professionals, Inc.
AGENT: Tower Engineering Professionals, Inc.
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 General Plan Classes
 Public Roads

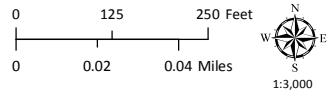


GENERAL PLAN



MENDOCINO COUNTY PLANNING DEPARTMENT - 11/20/2009

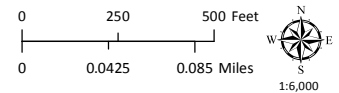
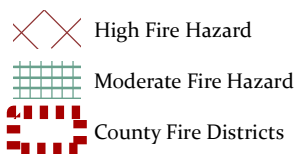
CASE: AP 2019-0094
OWNER: MURPHY, Richard & Judie
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AGENT: Tower Engineering Professionals, Inc.
ADDRESS: 821 Finne Road, Redwood Valley



ADJACENT PARCELS

REDWOOD VALLEY/CALPELLA FIRE PROTECTION DISTRICT

CASE: AP 2019-0094
OWNER: MURPHY, Richard & Judie
APN: 151-220-05
APLCT: Tower Engineering Professionals, Inc.
AGENT: Tower Engineering Professionals, Inc.
ADDRESS: 821 Finne Road, Redwood Valley



FIRE HAZARD ZONES & RESPONSIBILITY AREAS
STATE RESPONSIBILITY AREA

Scope of Work

STRUCTURAL NOTE
STRUCTURAL STATUS: <ul style="list-style-type: none">TOWER SA - PASSING (SEPTEMBER 6, 2019)MOUNT SA - PASSING (SEPTEMBER 5, 2019)
SCOPE OF WORK
<u>TOWER SCOPE:</u> EXISTING EQUIPMENT TO REMAIN: <ul style="list-style-type: none">(2) AMPHENOL BXA 80040/6CF CDMA PANEL ANTENNAS(1) AMPHENOL BXA 80063/8CF CDMA PANEL ANTENNA(6) FH 7/8" CDMA COAX(1) 1 1/2" HYBRID CABLE(1) 1" POWER GROWTH CABLE(1) RAYCAP RUSDC-6267-PF-48(1) RAYCAP RUSDC-8999-P-48(2) NOKIA FXCB B5 RRHs PROPOSED EQUIPMENT: <ul style="list-style-type: none">(6) DENGYO OCT8-2LX2HX-BW65 LTE PANEL ANTENNAS(1) 1 1/2" HYBRID CABLE(1) RAYCAP RUSDC-6267-PF-48(3) NOKIA AHL0A B71/B12 RRHs(3) NOKIA AHFIB B2/B4 RRHs PROPOSED LTE JUMPERS: <ul style="list-style-type: none">(6) FIBER JUMPERS FROM B71/12 RAYCAP TO B71/12 RRHs(6) FIBER JUMPERS FROM B2/4 RAYCAP TO B2/4 RRHs(3) POWER JUMPERS FROM B71/12 RAYCAP TO B71/12 RRHs(3) POWER JUMPERS FROM B2/4 RAYCAP TO B2/4 RRHs(12) 1/2" JUMPERS FROM B71/12 RRHs TO ANTENNAS(12) 1/2" JUMPERS FROM B2/4 RRHs TO ANTENNAS(12) 1/2" JUMPERS FROM B5 RRHs TO ANTENNAS TOP TOWER GROUND BAR: CANNOT ACCOMMODATE ADDITIONAL GROUND LEADS. PROPOSED GROUND BAR REQUIRED. BOTTOM TOWER GROUND BAR: CAN ACCOMMODATE ADDITIONAL GROUND LEAD. <u>EQUIPMENT PAD SCOPE:</u> EXISTING EQUIPMENT TO REMAIN: <ul style="list-style-type: none">(1) RAYCAP RUSDC-6267-PF-48(1) RAYCAP RUSDC-8999-P-48(2) NOKIA FXCB B5 RRHs PROPOSED EQUIPMENT: <ul style="list-style-type: none">(2) CHARLES CUBE COMBO AND BATTERY EQUIPMENT CABINETS(1) RAYCAP RUSDC-6267-PF-48. ICE BRIDGE: CAN ACCOMMODATE ADDITION OF (1) HYBRID CABLE. EQUIPMENT PAD GROUND BAR: CAN ACCOMMODATE ADDITIONAL GROUND LEAD <u>SPECIAL REQUIREMENTS:</u> ANTENNA AZIMUTHS: EXISTING CDMA PANEL ANTENNAS TO BE ROTATED TO DESIGN AZIMUTHS. AZIMUTH CHANGE MUST BE PRE-SCHEDULED WITH USCC FOR POTENTIAL E911 TESTING REQUIRED. <u>DECOMMISSIONED EQUIPMENT REMOVAL:</u> EQUIPMENT REMOVAL: <ul style="list-style-type: none">*(6) AMPHENOL HTXCW631819R000G LTE PANEL ANTENNAS*(6) NOKIA FRLB B12 RRHs*(12) KAEUS COMBINERS*(2) ELTEK LTE CABINETS *POST-INTEGRATION