



**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 2, 2019

Department of Transportation  
Environmental Health - Fort Bragg  
Building Inspection - Fort Bragg

Emergency Services  
Assessor  
CalFire - Prevention

Cloverdale Rancheria  
Redwood Valley Rancheria  
Sherwood Valley Band of Pomo Indians

**CASE#:** AP\_2019-0093

**DATE FILED:** 10/29/2019

**OWNER:** STATE OF CALIFORNIA

**APPLICANT:** TOWER ENGINEERING PROFESSIONALS, INC.

**AGENT:** MARY MCGARITY

**REQUEST:** Administrative Permit to remove and replace existing antennas, antenna mount and equipment cabinet; add six (6) Long Term Evolution (LTE) antennas, six (6) RRH units and associated fiber, power and one-half (1/2) inch jumpers. Additional ancillary equipment may also be required.

**LOCATION:** 8± miles west of the Comptche town center, lying on the south side of Comptche Ukiah Road (CR 223), 0.5± mile east of its intersection with Little River Airport Road (CR 404), located at 38351 Comptche Ukiah Rd.; Comptche (APN: 125-010-26).

**ENVIRONMENTAL DETERMINATION:** Categorically Exempt

**SUPERVISORIAL DISTRICT:** 5

**STAFF PLANNER:** CHEVON HOLMES

**RESPONSE DUE DATE:** December 16, 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](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 \_\_\_\_\_

CASE: AP\_2019-0093

**OWNER:** STATE OF CALIFORNIA

**APPLICANT:** Tower Engineering Professionals, Inc.

**AGENT:** Mary McGarity

**REQUEST:** Administrative Permit to remove and replace existing antennas, antenna mount and equipment cabinet; add six (6) Long Term Evolution (LTE) antennas, six (6) RRH units and associated fiber, power and one-half (1/2) inch jumpers. Additional ancillary equipment may also be required.

**LOCATION:** 8± miles west of the Comptche town center, lying on the south side of Comptche Ukiah Road (CR 223), 0.5± mile east of its intersection with Little River Airport Road (CR 404), located at 38351 Comptche Ukiah Rd.; Comptche (APN: 125-010-26).

**APN/S:** 125-010-26

**PARCEL SIZE:** 1632± Square Feet of 197.38± Acre Parcel

**GENERAL PLAN:** Forestland 160 Acres Minimum (FL160)

**ZONING:** Timberland 160 Acres Minimum (TPZ:160)

**EXISTING USES:** Telecommunications

**SUPERVISORIAL DISTRICT:** 5<sup>th</sup> (Williams)

**RELATED CASES:** Use Permit #U 34-97 and Variance #V 15-97 were submitted to increase the height of an existing 150-foot tall steel lattice cellular communication tower to 200 which was eventually withdrawn.

Use Permit #U 6-2004 was approved March 25, 2004 under current regulations for the expansion of a legal non-conforming use and add nine 8 feet by 1 foot panel antennas in three sectors to an existing 150 foot tall steel lattice cellular communication tower.

On July 25, 2017 Administrative Permit AP\_2017-0019 was approved as a replacement for Use Permit U 6-2004 and approve modifications to an existing tower including decommissioning and removal of antennas and installation of new antennas, radio heads, surge protectors and additional ancillary equipment.

The Zoning Administrator approved Administrative Permit AP\_2016-0027 on August 25, 2017 to modify an existing tower to include: (6) 7/8” coaxial cable. Install the following: (3) antennae KMW-AM-X-CW-18-65-OOT-RET, (1) Hybrid cable, (1) power cable, antenna mounts increase to 4 antennas, (6) FRLB remote radio heads, (2) Raycap surge protectors, (12) Kaelus combiners, 2 stackable FXCB remote radio heads.

September 17, 2019 Administrative Permit AP\_2019-0058 was approved to remove six (6) existing LTE Antennas, install three (3) LTE Antennas, and three (3) RRHs on existing antenna mount at the 150-foot height on the exisitng self support steel lattice tower. An additional Sector Mount was requested to be installed at the top of the tower.

	<u>ADJACENT GENERAL PLAN</u>	<u>ADJACENT ZONING</u>	<u>ADJACENT LOT SIZES</u>	<u>ADJACENT USES</u>
<b>NORTH:</b>	Forest Land 160 Acres Minimum	Timberland Production 160 Acre	110± Acres	Timberland Production/Vacant
<b>EAST:</b>	Forest Land 160 Acres Minimum	Timberland Production 160 Acre	158.68± Acres & 75± Acre	Timberland Production/Vacant
<b>SOUTH:</b>	Forest Land 160 Acres Minimum	Timberland Production 160 Acre	869± Acres	Timberland Production/Vacant
<b>WEST:</b>	Forest Land 160 Acres Minimum	Timberland Production 160 Acre	34.71± Acres & 81± Acres	Timberland Production

REFERRAL AGENCIES

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

**ADDITIONAL INFORMATION:** According to the letter submited by the application agent "No addition to height, no ground work and no electrical work to be completed."

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

Mendocino Fire Protection District

4. FARMLAND CLASSIFICATION:

GIS

Nonagricultural and Natural Vegetation

5. FLOOD ZONE CLASSIFICATION:

FEMA Flood Insurance Rate Maps (FIRM)

N/A

6. COASTAL GROUNDWATER RESOURCE AREA:

Coastal Groundwater Study/GIS

Critical Water Resources Bedrock

7. SOIL CLASSIFICATION:

Mendocino County Soils Study Eastern/Western Part

Western Soils 221

8. PYGMY VEGETATION OR PYGMY CAPABLE SOIL:

LCP maps, Pygmy Soils Maps; GIS

NO

9. WILLIAMSON ACT CONTRACT:

NO

10. TIMBER PRODUCTION ZONE:

Yes

11. WETLANDS CLASSIFICATION:

GIS

N/A

12. EARTHQUAKE FAULT ZONE: NO

Earthquake Fault Zone Maps; GIS

13. AIRPORT LAND USE PLANNING AREA: NO

Airport Land Use Plan; GIS

14. SUPERFUND/BROWNFIELD/HAZMAT SITE:

NO

GIS; General Plan 3-11

15. NATURAL DIVERSITY DATABASE:

Yes

CA Dept. of Fish & Wildlife Rarefind Database/GIS

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

NO



Planning and Building  
Services

Case No:	AP-2019-0092
CalFire No:	TBD
Date Filed:	10-29-2019
Fee:	\$2,213.00
Receipt No:	PBJ-031367
Received By:	Jesse Davis
Office use only	

## APPLICATION FORM

### APPLICANT

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

### PROPERTY OWNER

Name: US Cellular Corporation Phone: 888-944-9400

Mailing Address: 8410 W Bryn Mawr Suite 700

City: Chicago State/Zip: IL 60631 email:

### AGENT

Tower Engineering Professionals Inc  
(Mary McGarity, agent)

Name: Phone: 980-202-5894

Mailing Address: 10700 Sikes Place, Suite 360

City: Charlotte State/Zip: NC 28277 email: mcmcgarity@tepgroup.net

Parcel Size: (Sq. feet/Acres) Address of Property: 38701 Comptche Ukiah Rd, Mendocino, CA 95460

Assessor Parcel Number(s): 12501026

### TYPE OF APPLICATION:

- |   |  |   |
|---|--|---|
| <input checked="" type="checkbox"/> Administrative Permit | <input type="checkbox"/> Flood Hazard                | <input type="checkbox"/> Rezoning           |
| <input type="checkbox"/> Agricultural Preserve            | <input type="checkbox"/> General Plan Amendment      | <input type="checkbox"/> Use Permit-Cottage |
| <input type="checkbox"/> Airport Land Use                 | <input type="checkbox"/> Land Division-Minor         | <input type="checkbox"/> Use Permit-Minor   |
| <input type="checkbox"/> CDP- Admin                       | <input type="checkbox"/> Land Division- Major        | <input type="checkbox"/> Use Permit-Major   |
| <input type="checkbox"/> CDP- Standard                    | <input type="checkbox"/> Land Division-Parcel        | <input type="checkbox"/> Variance           |
| <input type="checkbox"/> Certificate of Compliance        | <input type="checkbox"/> Land Division-Resubdivision | <input type="checkbox"/> Other              |
| <input type="checkbox"/> Development Review               | <input type="checkbox"/> Modification of Conditions  |   |
| <input type="checkbox"/> Exception                        | <input type="checkbox"/> Reversion to Acreage        |   |

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

10/22/2019

Signature of Applicant/Agent: *Mary McGarity* Date: [Redacted] 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 to existing tower. 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: Cellular tower <input type="checkbox"/> Other:					
<b>Total Structures Paved</b> <b>Area Landscaped Area</b> <b>Unimproved Area</b>					
<b>GRAND TOTAL (Equal to gross area of Parcel)</b>					

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: \_\_\_\_\_

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 \_\_\_\_\_

10. Does the project involve sand removal, mining or gravel extraction? ☐ Yes ☒ No  
If yes, detailed extraction, reclamation and monitoring plans may be required?

11. Will the proposed development convert land currently or previously used for agriculture to another use?  
☐ Yes ☒ No  
If yes, how many acres will be converted? \_\_\_\_\_ acres. An agricultural economic feasibility study may be required.

12. Will the development provide public or private recreational opportunities? ☐ Yes ☐ No  
If yes, explain below:  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

13. Is the proposed development visible from State Highway 1 or other scenic route? <input type="checkbox"/> Yes <input type="checkbox"/> No	14. Is the proposed development visible from a park, beach or other recreational area? <input type="checkbox"/> Yes <input type="checkbox"/> 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

Placement of structures in:  
☐ open coastal waters  
☐ wetlands  
☐ estuaries  
☐ lakes

If so, amount of material to be dredged or 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 plan and building plans.  
\_\_\_\_\_  
\_\_\_\_\_

17. Utilities will be supplied to the site as follows:  
A. Electricity:  
☐ Utility Company (service exists to the parcel)  
☐ Utility Company (requires extension of service to site: \_\_\_\_\_ feet \_\_\_\_\_ miles)  
☐ On Site Generation - Specify: \_\_\_\_\_  
B. Gas:  
☐ Utility Company/Tank  
☐ On Site Generation - Specify: \_\_\_\_\_  
☐ None  
C. Telephone: ☐ Yes ☐ No

18. What will be the method of sewage disposal?  
☐ Community sewage system - Specify supplier \_\_\_\_\_  
☐ Septic Tank  
☐ Other - Specify: \_\_\_\_\_

19. What will be the domestic water source:  
☐ Community water system - Specify supplier \_\_\_\_\_  
☐ Well  
☐ Spring  
☐ Other - Specify: \_\_\_\_\_

20.	Are there any associated projects and/or adjacent properties under your ownership? <input type="checkbox"/> Yes <input 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 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 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>150</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: 25%;"></th> <th style="width: 25%; text-align: center;">North</th> <th style="width: 25%; text-align: center;">East</th> <th style="width: 25%; text-align: center;">South</th> <th style="width: 25%; 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>				
	North	East	South	West																											
<u>Vacant</u>																															
<u>Residential Agricultural</u>																															
<u>Commercial Industrial</u>																															
<u>Institutional Timberland</u>																															
<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

                     10/22/2019

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.

<b>Name</b>	<b>Name</b>	<b>Name</b>
<b>Mailing Address</b>	<b>Mailing Address</b>	<b>Mailing Address</b>

**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**

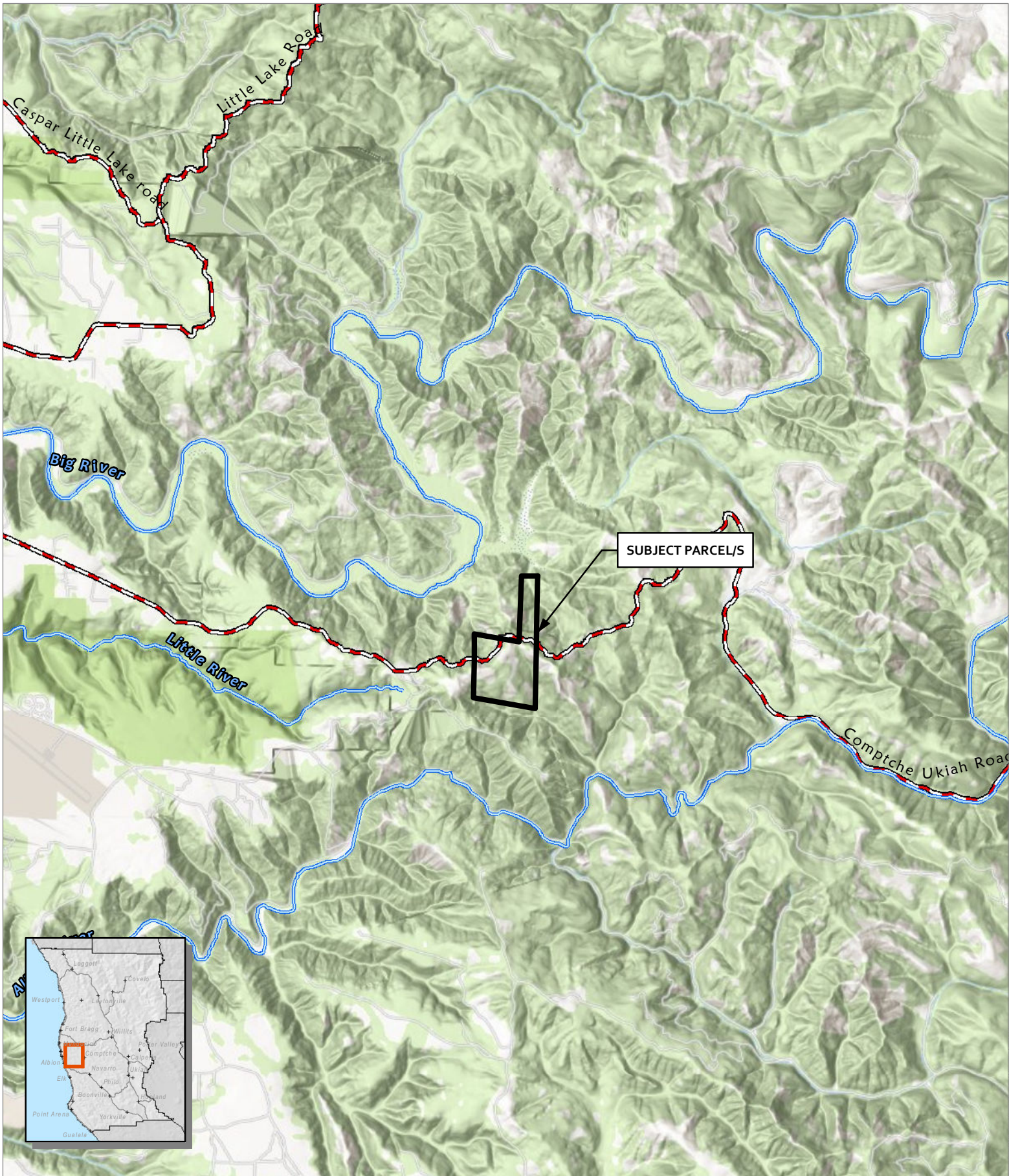
As part of this application, applicant agrees to defend, indemnify, release and hold harmless the County of Mendocino, its agents, officers, attorneys, employees, boards and commissions, as more particularly set forth in Mendocino County Code Section 1.04.120, from any claim, action or proceeding brought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

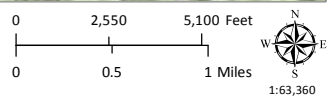
Date: \_\_\_\_\_

                     10/22/2019



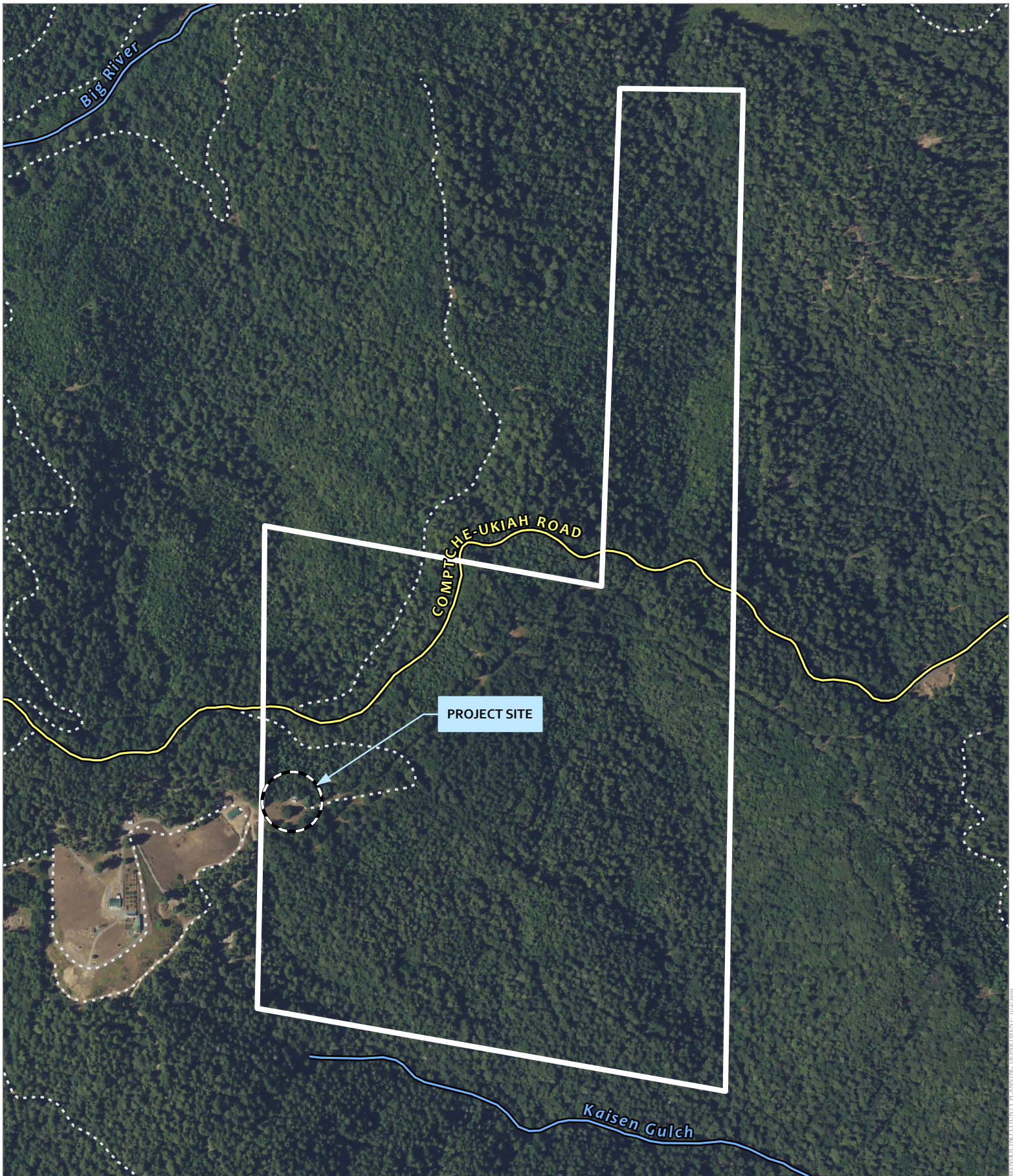
CASE: AP 2019-0093  
OWNER: State of California  
APN: 125-010-26  
APLCT: Tower Engr. Prof., Inc.  
AGENT: Mary McGarity  
ADDRESS: 38351 Comptche Ukiah Road, Comptche

 Major Rivers  
 Major Roads






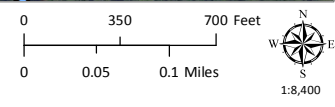
LOCATION MAP





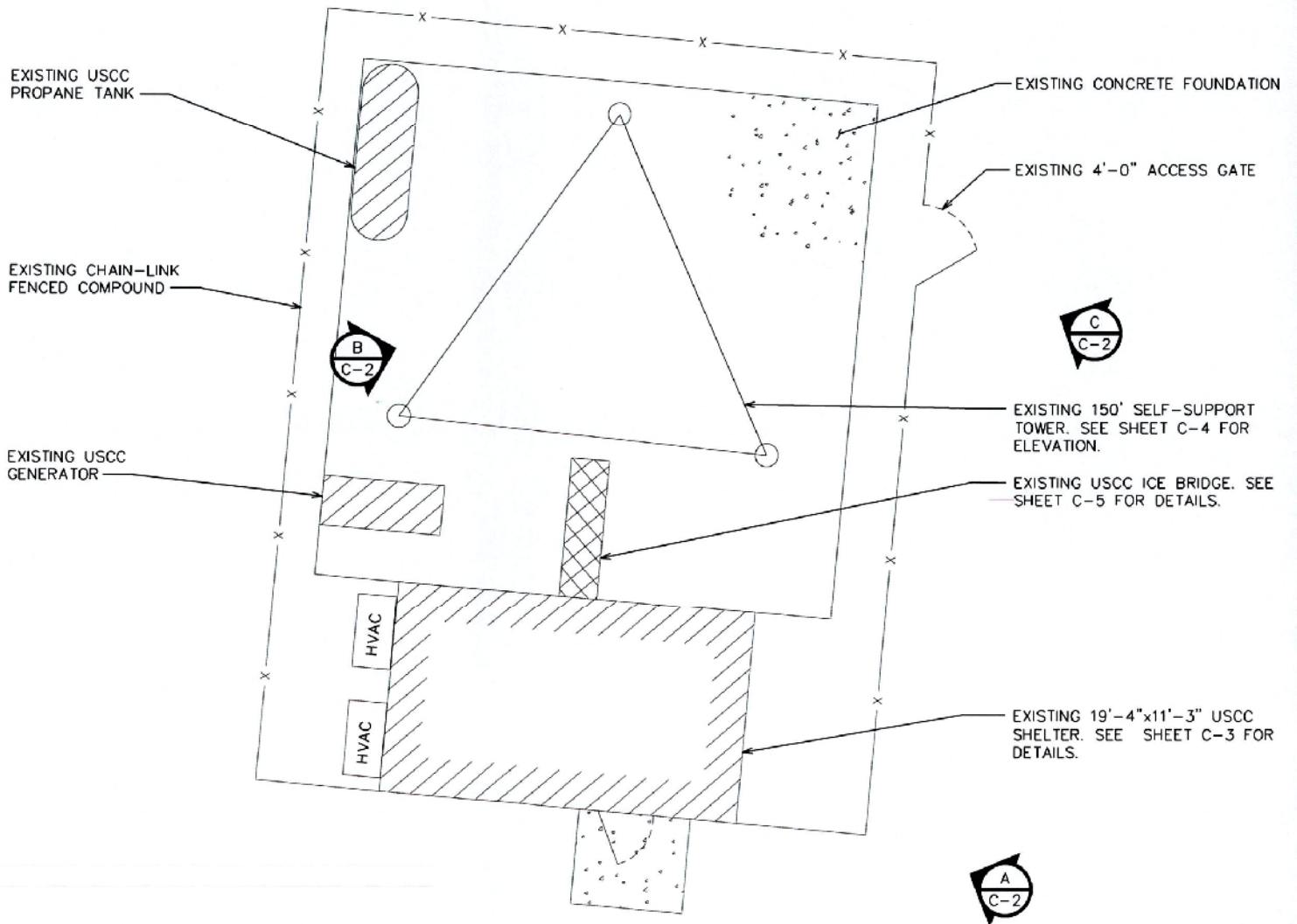
CASE: AP 2019-0093  
OWNER: State of California  
APN: 125-010-26  
APLCT: Tower Engr. Prof., Inc.  
AGENT: Mary McGarity  
ADDRESS: 38351 Comptche Ukiah Road, Comptche

-  Named Rivers
-  Public Roads
-  Driveways/Unnamed Roads



AERIAL IMAGERY





SCALE:  $\frac{1}{8}" = 1'-0"$

0 8 16  
SCALE IN FEET

CASE: AP 2019-0093  
OWNER: State of California  
APN: 125-010-26  
APLCT: Tower Engr. Prof., Inc.  
AGENT: Mary McGarity

ADDRESS: 38351 Comptche Ukiah Road, Comptche

NO SCALE

SITE PLAN

## EUPEN HYBRID CABLE LENGTH

PROPOSED RAYCAP QUANTITY IN SHELTER:	1
EXISTING RAYCAP QUANTITY IN SHELTER:	2
LENGTH FROM COAX PORT TO POWER BAY:	7-FT
ICE BRIDGE LENGTH:	8-FT
RAYCAP CENTERLINE + 12-FT BUFFER:	157-FT
TOTAL ESTIMATED LENGTH OF HYBRID CABLE:	172-FT
<b>TOTAL EST. LENGTH OF HYBRID CABLE (ROUNDED UP):</b>	<b>200-FT</b>

## JUMPER INFO

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

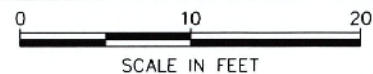
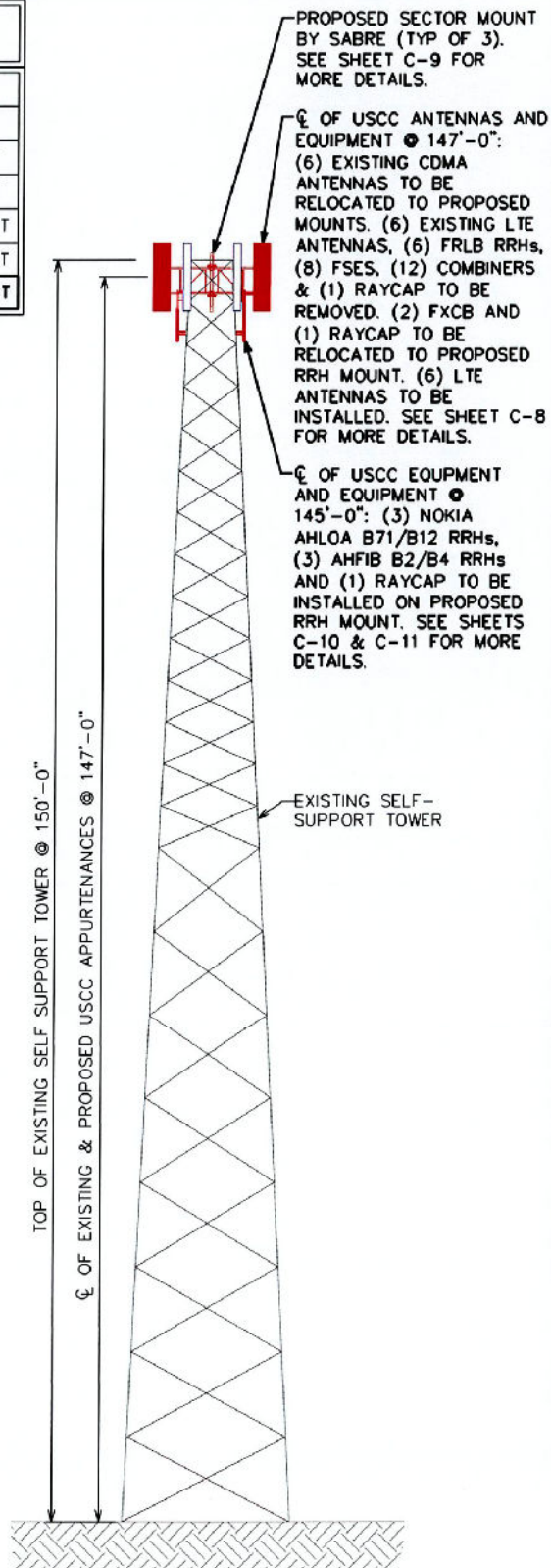
## NOTES:

- PROPOSED EQUIPMENT TO BE INSTALLED PRIOR TO EXISTING EQUIPMENT DECOMMISSION.
- USCC CENTERLINE OVER 200-FT REQUIRES A MIDDLE GROUND BAR.

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

## PROPOSED TOWER ELEVATION

SCALE: 1" = 10'

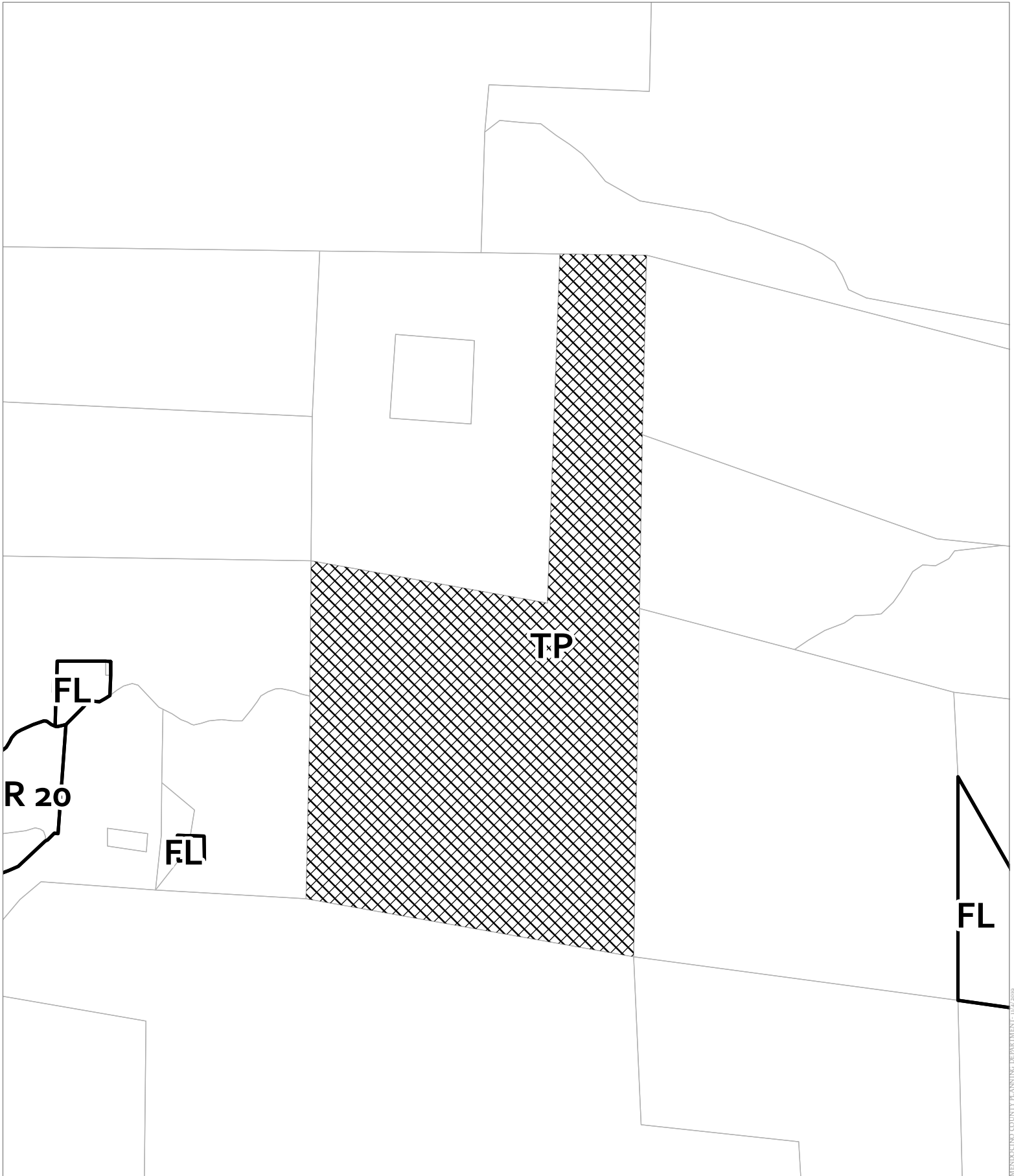


## EXISTING T

CASE: AP 2019-0093  
 OWNER: State of California  
 APN: 125-010-26  
 APLCT: Tower Engr. Prof., Inc.  
 AGENT: Mary McGarity  
 ADDRESS: 38351 Comptche Ukiah Road, Comptche

NO SCALE

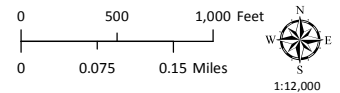
ELEVATIONS



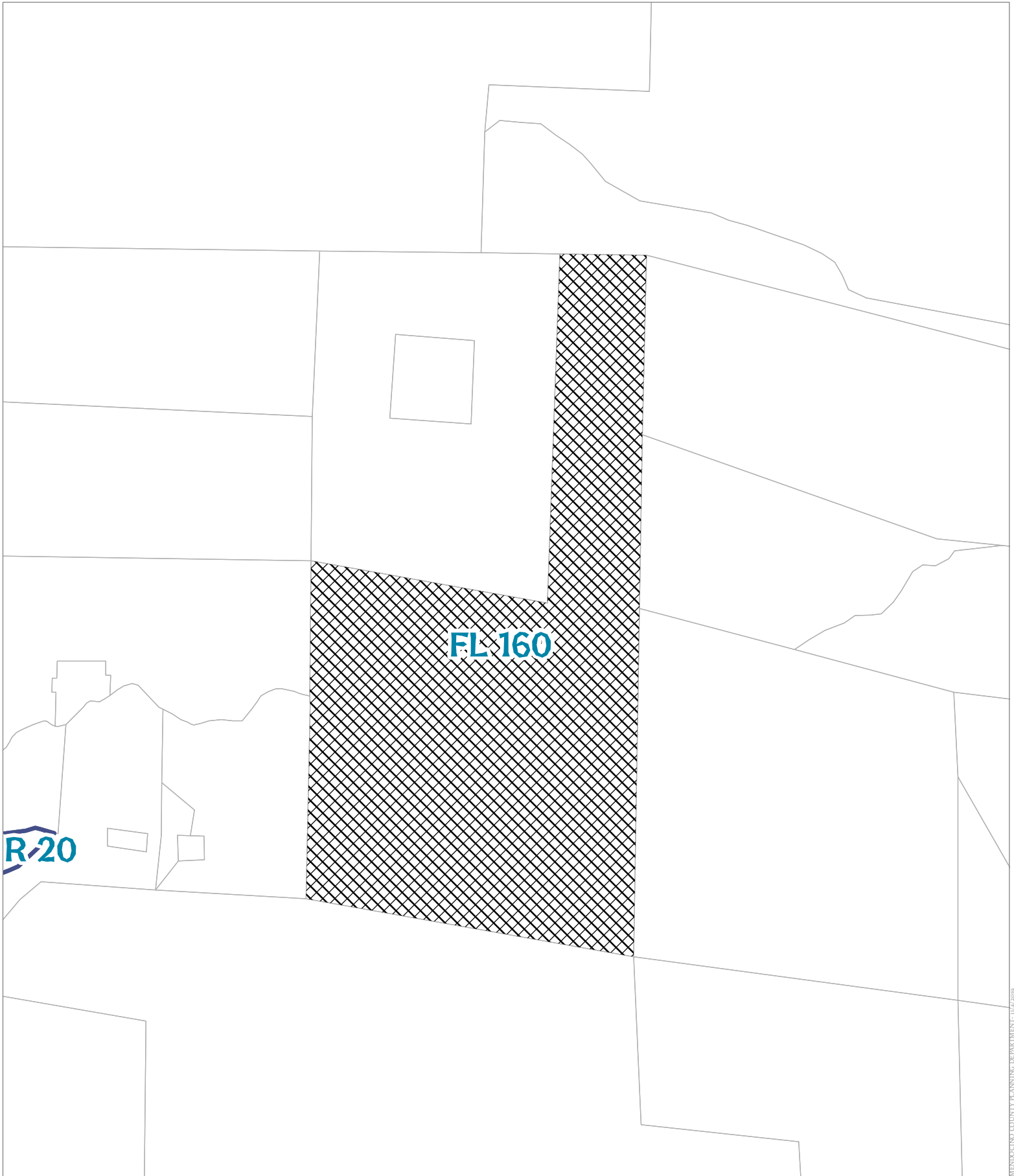
YREBANDING COUNTY PLANNING DEPARTMENT - 1/17/2019

CASE: **AP 2019-0093**  
OWNER: **State of California**  
APN: **125-010-26**  
APLCT: **Tower Engr. Prof., Inc.**  
AGENT: **Mary McGarity**  
ADDRESS: **38351 Comptche Ukiah Road, Comptche**


 Zoning Districts



**ZONING DISPLAY MAP**

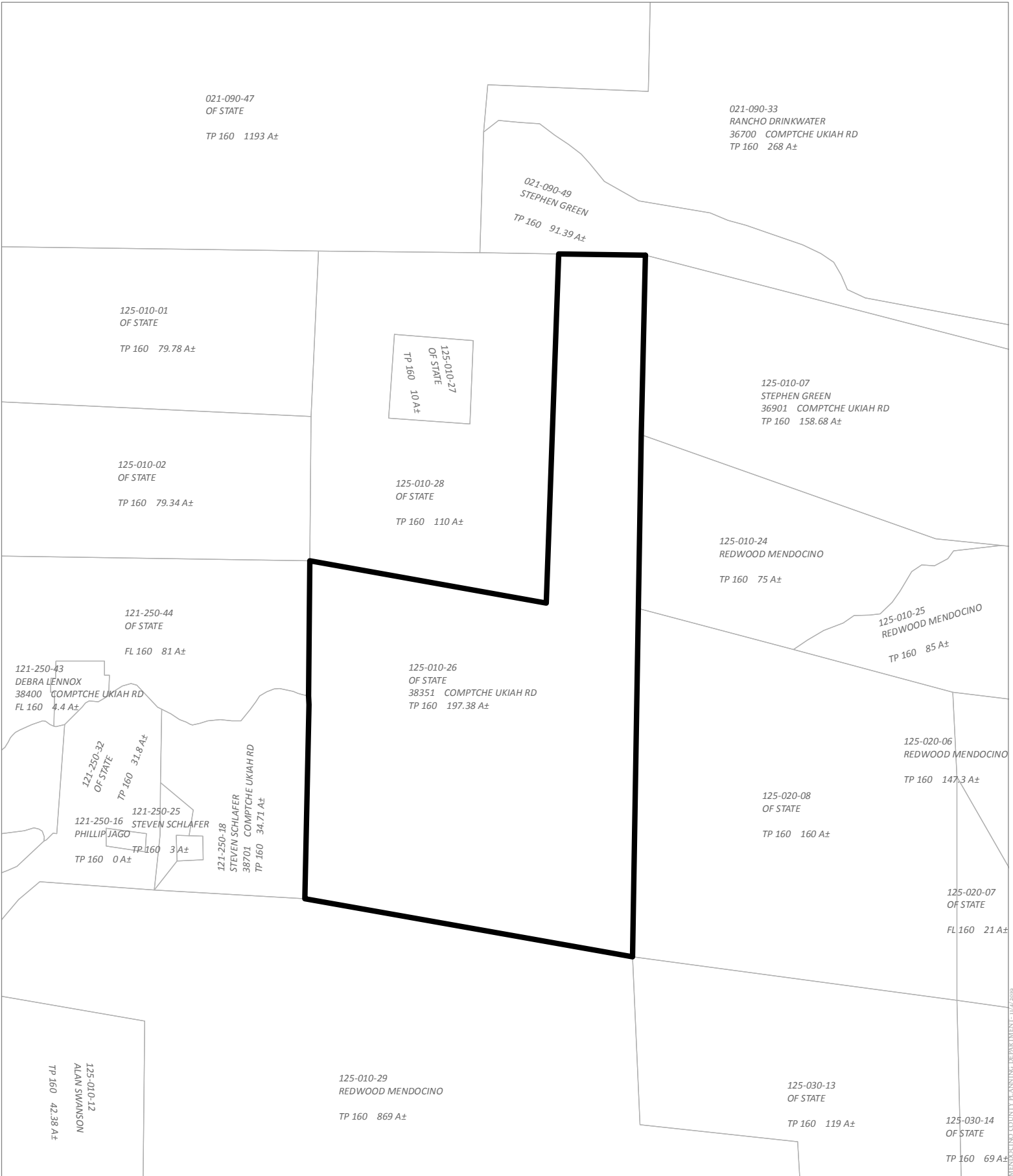


CASE: AP 2019-0093  
OWNER: State of California  
APN: 125-010-26  
APLCT: Tower Engr. Prof., Inc.  
AGENT: Mary McGarity  
ADDRESS: 38351 Comptche Ukiah Road, Comptche

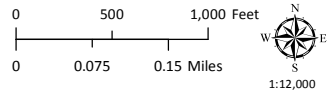
 General Plan Classes

0 500 1,000 Feet  
0 0.075 0.15 Miles  
N  
W E  
S  
1:12,000  
GENERAL PLAN CLASSIFICATIONS



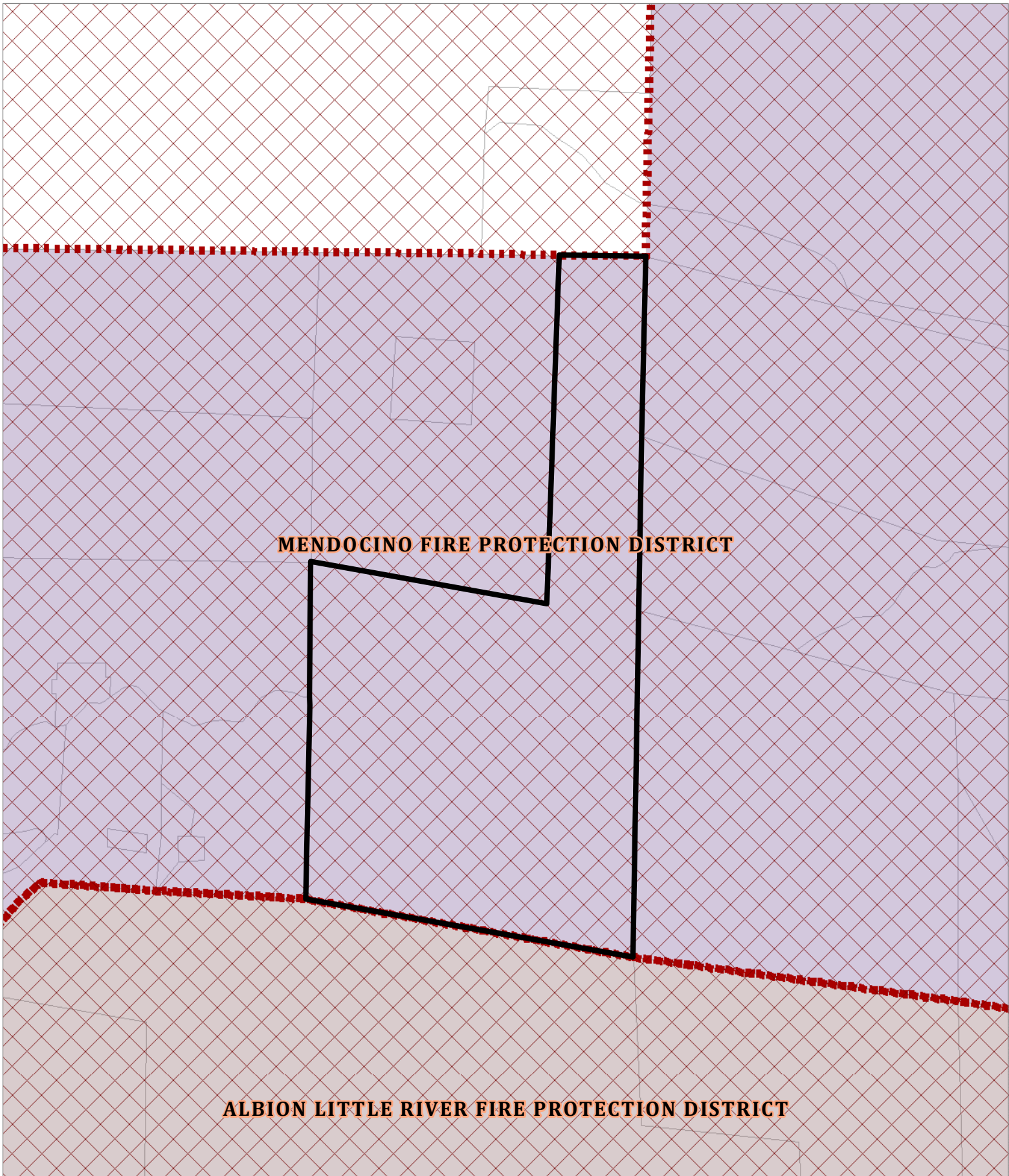


CASE: AP 2019-0093  
OWNER: State of California  
APN: 125-010-26  
APLCT: Tower Engr. Prof., Inc.  
AGENT: Mary McGarity  
ADDRESS: 38351 Comptche Ukiah Road, Comptche




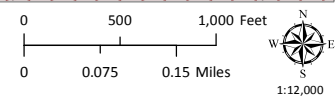
ADJACENT PARCELS





CASE: AP 2019-0093  
OWNER: State of California  
APN: 125-010-26  
APLCT: Tower Engr. Prof., Inc.  
AGENT: Mary McGarity  
ADDRESS: 38351 Comptche Ukiah Road, Comptche

 High Fire Hazard  
 County Fire Districts



FIRE HAZARD ZONES & RESPONSIBILITY AREAS  
STATE RESPONSIBILITY AREA

## Scope of Work

STRUCTURAL NOTE
STRUCTURAL STATUS: <ul style="list-style-type: none"><li>• MOUNT REPLACEMENT SA – PASSING (SEPTEMBER 19, 2019)</li><li>• TOWER SA – PASSING (SEPTEMBER 16, 2019)</li></ul>
SCOPE OF WORK
<p><b>TOWER SCOPE:</b></p> <p>EXISTING EQUIPMENT TO REMAIN:</p> <ul style="list-style-type: none"><li>(6) ANTEL RWB 80015/90 CDMA PANEL ANTENNAS</li><li>(2) NOKIA FXCB RRHs</li><li>(1) RAYCAP RUSDC-6267-PF-48</li><li>(6) FH 7/8" CDMA COAX</li><li>(1) 1 1/4" HYBRID CABLE</li></ul> <p>PROPOSED EQUIPMENT:</p> <ul style="list-style-type: none"><li>(6) DENGYO OCT8-2LX2HX-BW65 LTE PANEL ANTENNAS</li><li>(3) NOKIA AHL0A B71/B12 RRHs</li><li>(3) NOKIA AHFIB B2/B4 RRHs</li><li>(1) RAYCAP RUSDC-6267-PF-48</li><li>(1) 1 1/4" HYBRID CABLE</li></ul> <p>PROPOSED LTE JUMPERS:</p> <ul style="list-style-type: none"><li>(6) FIBER JUMPERS FROM B71/12 RAYCAP TO B71/12 RRHs</li><li>(6) FIBER JUMPERS FROM B2/4 RAYCAP TO B2/4 RRHs</li><li>(2) FIBER JUMPERS FROM B5 RAYCAP TO B5 RRHs</li><li>(3) POWER JUMPERS FROM B71/12 RAYCAP TO B71/12 RRHs</li><li>(3) POWER JUMPERS FROM B2/4 RAYCAP TO B2/4 RRHs</li><li>(2) POWER JUMPERS FROM B5 RAYCAP TO B5 RRHs</li><li>(12) 1/2" JUMPERS FROM B71/12 RRHs TO ANTENNAS</li><li>(12) 1/2" JUMPERS FROM B2/4 RRHs TO ANTENNAS</li><li>(12) 1/2" JUMPERS FROM B5 RRHs TO ANTENNAS</li></ul> <p>TOP TOWER GROUND BAR: UNABLE TO VERIFY GROUND BAR. CONTRACTOR TO CONFIRM AND REPLACE AS NEEDED.</p> <p>BOTTOM TOWER GROUND BAR: CAN SUPPORT ADDITIONAL GROUND LEAD.</p> <p><b>SHELTER EXTERIOR SCOPE:</b></p> <p>ICE BRIDGE: CAN SUPPORT ADDITION OF (1) HYBRID CABLE.</p> <p>SHELTER COAX PORT: CAN SUPPORT ADDITION OF (1) HYBRID CABLE.</p> <p>SHELTER EXTERIOR GROUND BAR: CAN SUPPORT ADDITIONAL GROUND LEAD.</p> <p><b>SHELTER INTERIOR SCOPE:</b></p> <p>PROPOSED EQUIPMENT: (1) RAYCAP RUSDC-6267-PF-48.</p> <p>EXISTING EQUIPMENT: (1) RAYCAP RUSDC-6267-PF-48 TO REMAIN. (1) RAYCAP RUSDC-8999-P-48 TO BE REMOVED.</p> <p>CABLE TRAY: PROPOSED HORIZONTAL AND VERTICAL CABLE TRAYS REQUIRED TO ACCOMMODATE (1) PROPOSED HYBRID CABLE.</p> <p>SHELTER INTERNAL GROUND BAR: CAN ACCOMMODATE ADDITIONAL GROUND LEAD.</p> <p><b>SPECIAL REQUIREMENTS:</b></p> <p>ANTENNA AZIMUTHS: EXISTING CDMA PANEL ANTENNAS TO BE ROTATED TO THE DESIGN AZIMUTH. AZIMUTH CHANGES MUST BE PRE-SCHEDULED WITH USCC FOR POTENTIAL E911 TESTING REQUIREMENTS.</p> <p>ANTENNA MOUNT REPLACEMENT: (3) PROPOSED SABRE C10-857-777 EHD V-BOOM SECTOR MOUNTS TO REPLACE EXISTING PLATFORM MOUNT @ 147'-0".</p> <p><b>DECOMMISSIONED EQUIPMENT REMOVAL:</b></p> <p>EQUIPMENT REMOVAL:</p> <ul style="list-style-type: none"><li>* (6) KMW AM-X-CW-18-65-00T-RET LTE PANEL ANTENNA</li><li>* (1) 1" POWER CABLE</li><li>* (1) RAYCAP RUSDC-8999-P-48 FROM INSIDE SHELTER</li><li>* (1) RAYCAP RUSDC-8999-P-48 FROM TOP OF TOWER</li><li>* (6) NOKIA FRLB RRHs</li><li>* (12) KAEIUS DIPLEXER DBC0056F1V51-1</li><li>* (6) NOKIA FSES</li></ul> <p><b>NOTE:</b> MODERNIZATION SITE REQUIRES POWER SYSTEM UPGRADE. CONTRACTOR TO VERIFY THIS HAS BEEN INSTALLED PRIOR TO EQUIPMENT UPGRADE.</p> <p>• POST-INTEGRATION</p>