# 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

February 17, 2021

Environmental Health - Ukiah Building Inspection - Ukiah Assessor Air Quality Management Department of Forestry/ CalFire Land Use Leggett Valley Fire District Cloverdale Rancheria Redwood Valley Rancheria Sherwood Valley Band of Pomo Indians

**CASE#:** AP\_2019-0097 **DATE FILED:** 11/13/2019

OWNER: PETERSON THERON RICHARD AND [OWNER2 NAME] AND [OWNER3 NAME]

**APPLICANT:** Lauren Oteri / Tower Engineering Professionals **AGENT:** Lauren Oteri / Tower Engineering Professionals

REQUEST: Administrative Permit to add six (6) LTE antennas, eight (8) RRUs, a hybrid cable, and 2 RAYCAP

RUSCD to an existing cell tower.

**ENVIRONMENTAL DETERMINATION:** Categorically Exempt

**LOCATION:** 2± miles west of Leggett town center, accessed from Page and Gates Road (Private), 2± miles south west of Highway 1 (SH 1) and US Highway 101 (US 101) intersection, located at 68970 Page and Gates

Rd., Leggett (APN: 012-530-19).

SUPERVISORIAL DISTRICT: 4

STAFF PLANNER: MARK CLISER

RESPONSE DUE DATE: March 3, 2021

#### PROJECT INFORMATION CAN BE FOUND AT:

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 <a href="mailto:pbs@co.mendocino.ca.us">pbs@co.mendocino.ca.us</a>. Please note the case number and name of the project coordinator with all correspondence to this department.

Ve have reviewed the above application and recommend the following (please check one):					
☐ No comment at this time.	No comment at this time.				
☐ Recommend conditional approval (atta	ached).				
	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 fo	Recommend denial (Attach reasons for recommending denial).				
☐ Recommend preparation of an Enviror	nmental Impact Report (attach reasons wh	y an EIR should be required).			
Other comments (attach as necessary	).				
REVIEWED BY:					
Signature	Department	Date			

**REPORT FOR: ADMINISTRATIVE PERMIT** 

OWNER: RICHARD PETERSON

**APPLICANT:** Lauren Oteri / Tower Engineering Professionals

**AGENT:** Lauren Oteri / Tower Engineering Professionals

**REQUEST:** Administrative Permit to add six (6) LTE antennas, eight (8) RRUs, a hybrid cable, and 2 RAYCAP RUSCD to an

existing cell tower

**LOCATION:** 2± miles west of Leggett town center, accessed from Page and Gates Road (Private), 2± miles south west of

Highway 1 (SH 1) and US Highway 101 (US 101) intersection, located at 68970 Page and Gates Rd., Leggett (APN:

012-530-19).

**APN/S:** 012-530-19-00

PARCEL SIZE: 21 acres

**GENERAL PLAN: FL160:** 

ZONING: FL:160

**EXISTING USES:** Wireless Facilities

**DISTRICT:** 4 (Gjerde)

**RELATED CASES:** Use Permit U 19-97: Use Permit for the establishment of a 150 foot cellular communications tower and a variance to the required 60 foot building height limit

Variance V\_1997-0006: Variance to the required 60 foot building height limit to allow for a 150 foot tower.

Use Permit Modification UM 19-97/2003: Use Permit Modification to add nine (9) 8 foot (height) by 1 foot (width) panel antenna to an existing communications tower.

Use Permit Modification UM 19-97/2008: Use Permit Modification to allow for the addition of twelve panel antennas and a microwave dish to an existing 150 foot tall tower and placement of a 60-kilowatt diesel generator, a 210-gallon diesel tank and a 12 foot by 20 foot equipment shelter within the 10,000 square foot leased area.

Administrative Permit AP 15-2015: Administrative Permit to add three (3) antennas and associated accessories to pre-existing 150 fall WCF

Administrative Permit AP\_2015-0028: Administrative Permit to allow for co-location on pre-existing WCF for T-Mobile by adding two (2) microwave dishes.

	ADJACENT GENERAL PLAN	<b>ADJACENT ZONING</b>	<b>ADJACENT LOT SIZES</b>	<b>ADJACENT USES</b>
NORTH:	PL	PF	326± acres	Public Facilities
EAST:	PL	PF	326± acres	Public Facilities
SOUTH:	FL160	TP:160	702± acres	Institutional
WEST:	FL160	TP:160	240± acres	Institutional

## REFERRAL AGENCIES

LOCAL

☑ Air Quality Management District

☒ Assessor's Office☒ Building Division Ukiah

⊠ Environmental Health (EH)

□ Leggett Valley Fire District

STATE

☑ CALFIRE (Land Use)

TRIBAL

☑ Cloverdale Rancheria☑ Redwood Valley Rancheria

 ${\ \ ext{$\sigma$}}$  Sherwood Valley Band of Pomo Indians

**CASE:** AP\_2019-0097

## **ADDITIONAL INFORMATION:**

**STAFF PLANNER:** MARK CLISER **DATE:** 2/16/2021

## **ENVIRONMENTAL DATA**

1. MAC:

NA

2. FIRE HAZARD SEVERITY ZONE:

CALFIRE FRAP maps/GIS

High

3. FIRE RESPONSIBILITY AREA:

CALFIRE FRAP maps/GIS

Leggett Valley Fire Protection District

4. FARMLAND CLASSIFICATION:

ΝΔ

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

Western

8. PYGMY VEGETATION OR PYGMY CAPABLE SOIL:

LCP maps, Pygmy Soils Maps; GIS

NA

9. WILLIAMSON ACT CONTRACT:

GIS/Mendocino County Assessor's Office

NO

**10. TIMBER PRODUCTION ZONE:** 

GIS

NO

11. WETLANDS CLASSIFICATION:

GIS

Freshwater Forested / Shrub Wetland

12. EARTHQUAKE FAULT ZONE:

Earthquake Fault Zone Maps; GIS

NO

13. AIRPORT LAND USE PLANNING AREA:

Airport Land Use Plan; GIS

NC

14. SUPERFUND/BROWNFIELD/HAZMAT SITE:

GIS; General Plan 3-1

NO

15. NATURAL DIVERSITY DATABASE:

CA Dept. of Fish & Wildlife Rarefind Database/GIS

YES

16. STATE FOREST/PARK/RECREATION AREA ADJACENT:

GIS; General Plan 3-10

NA

**17. LANDSLIDE HAZARD:** 

Hazards and Landslides Map; GIS; Policy RM-61; General Plan 4-44

NA

18. WATER EFFICIENT LANDSCAPE REQUIRED:

Policy RM-7; General Plan 4-34

NA

19. WILD AND SCENIC RIVER:

www.rivers.gov (Eel Only); GIS

NA

20. SPECIFIC PLAN/SPECIAL PLAN AREA:

Various Adopted Specific Plan Areas; GIS

NA

21. STATE CLEARINGHOUSE REQUIRED:

Policy

Nο

22. OAK WOODLAND AREA:

USDA

NA

23. HARBOR DISTRICT:

Sec. 20.512

NA



# Planning and Building Services

Case No: AP 2019 - 0097
CalFire No:
Date Filed: 11 - 13 - 19
Fee: \$7213 00
Receipt No: PRI 031681
Received By: Michigan
Office use only

## **APPLICATION FORM**

APPLICANT Name: Tower Engineering	Professiona	als (Lauren Oteri)	Phone:	980-202-6514	
Mailing Address: 10700 Sikes Place Suite 360	)		1 1101101		
City: Charlotte	State/Zip:	NC 28277	email:	loteri@tepgroup.net	
PROPERTY OWNER Name:US Cellula	ar (Tower C	Owner)	Phone:		
Mailing Address: 68270 Old Hollow Tree Roa	d				
City: Leggett	State/Zip:	CA, 95585	email:	1	
AGENT Name: Tower Engineering Pro	fessionals (	(Lauren Oteri)	Phone:	980-202-6514	
Mailing Address: 10700 Sikes Place Suite 36	0				
City: Charlotte	State/Zip:	NC 28277	email:	loteri@tepgroup.net	
Parcel Size:	(Sq. feet/Ac	res) Address of Proper	y <u>:</u> 68270 C	Old Hollow Tree Road, Legg	gett, CA 95585
Assessor Parcel Number(s): 01	25-301-900				
TYPE OF APPLICATION:		T. Electrical de la constant de la c		□ Pozoning	
☐ Administrative Permit ☐ Agricultural Preserve ☐ Airport Land Use ☐ CDP- Admin ☐ CDP- Standard ☐ Certificate of Compliance ☐ Development Review ☐ Exception		Flood Hazard General Plan Amendmer Land Division-Minor Land Division- Major Land Division-Parcel Land Division-Resubdivis Modification of Condition Reversion to Acreage	sion	☐ Rezoning ☐ Use Permit- ☐ Use Permit- ☐ Use Permit- ☐ Variance ☐ Other	Minor
I certify that the information sub-	mitted with	this application is true	and acc	urate.	
Lauren Otari Signature of Applicant/Agent	10/30 Date	/19	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

	Describe a service of the least			veollo contic d	watoma aradin	) G
1.	Describe your project. Includ vegetation removal, roads, etc		ements such as	wells, septic s	systems, gradir	 
						·
	US Cellular will be addi	ng 6 antennas	and 8 RRUs	to an exist	ing cell tow	er.
	There will be no change	to the tower he	ight and no	electrical wo	ork.	
		A-1				
		Number	of Units		Square Footag	
2.	Structures/Lot Coverage	Existing	Proposed	Existing	Proposed	Total
	Single Family Mobile Home					
	Duplex Multifamily					
	Other: Cell Tower Other:					
	Structures Paved					
Area	Landscaped Area proved Area N/A					
CDA	ND 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: N/A
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
	C. Maximum noight of the second
	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?
	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?  Yes  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 ☐ Placement of structures in:   Filling: ☐ Yes ☐ No ☐ open coastal waters   Dredging: ☐ Yes ☐ No ☐ 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: N/A  A. Electricity:  Utility Company (service exists to the parcel)  Utility Company (requires extension of service to site:feetmiles)  On Site Generation - Specify:
	B. Gas:  Utility Company/Tank  On Site Generation - Specify:  None
	C. Telephone: Yes No N/A
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: N/A  Community water system - Specify supplier  Well  Spring  Other - Specify:

20.			s and/or adjacent pro	perties under your ov	wnership?	
	□Yes	■No	If yes, explain (e.g	., Assessor's Parcel	Number, address, etc.):	
•						
•						
21.	List and describe a by other County de	ny other relat epartments, ci	ed permits and other ty, regional, state and	public approval requ federal agencies:	ired for this project, inclu	ding those required
22.	Describe the locati intersections, etc.):	on of the site	in terms of readily ide	entifiable landmarks (	e.g., mailboxes, mile po	sts, street
23.	Are there existing a lf yes, describe be subdivision.	structures on low, and iden	the property?  [ tify the use of each st	☐Yes ■No ructure on the plot p	lan or tentative map if th	e proposal is for a
24.	Will any existing s If yes, describe the	structures be of the type of deve	demolished or remove elopment to be demol	d? □Yes ■No ished or removed, inc	o cluding the relocation site	e, if applicable.
25.	Project Height. M	aximum heigh	t of existing structure	s_150feet. Maximu	m height of proposed str	ructuresfeet.
26.	Gross floor area of area of proposed	of existing strustures	ucturessquare fee square feet (includ	et (including covered ing covered parking	parking and accessory land accessory buildings).	buildings). Gross floor
27.	Lot area (within p	roperty lines):	square	feet 🔲 acres.		
28.	Briefly describe th	e project site stability, plan	as it exists before the is and animals, and a	e project, including in ny cultural, historical	formation on existing str or scenic aspects. Atta	uctures and their ch any photographs of
29.	Briefly describe the aspects. Indicate that you feel wou	the type of la	g properties, including and use (use chart be	information on plant low) and its general	s, animals and any cultu intensity. Attach any pho	ural, historic or scenic otographs of the vicinit
30.	Indicate the s	urrounding lar	nd uses:  North	East	South	West
	Vacant		NOILII	Lust		
	Residential Agric	ultural				
	Commercial Indus	strial				
	Institutional Timbe					
1	Other					

## 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.

Lauren Oteri	10/30/2019
Owner/Authorized Agent	Date
NOTE: IF SIGNED BY AGENT, OWNER MUST SIGN BELOW.	
AUTHORIZATION OF AGENT	
I hereby authorize	to act as my
Owner	Date
MAIL DIRECTION  acilitate proper handling of this application, please indicate the names and wish correspondence and/or staff reports mailed if different from those ider	mailing addresses of individuals t htified on Page 1 of the application

o whom To fa n form. you

Name	Name	Name
Mailing Address	Mailing Address	Mailing Address

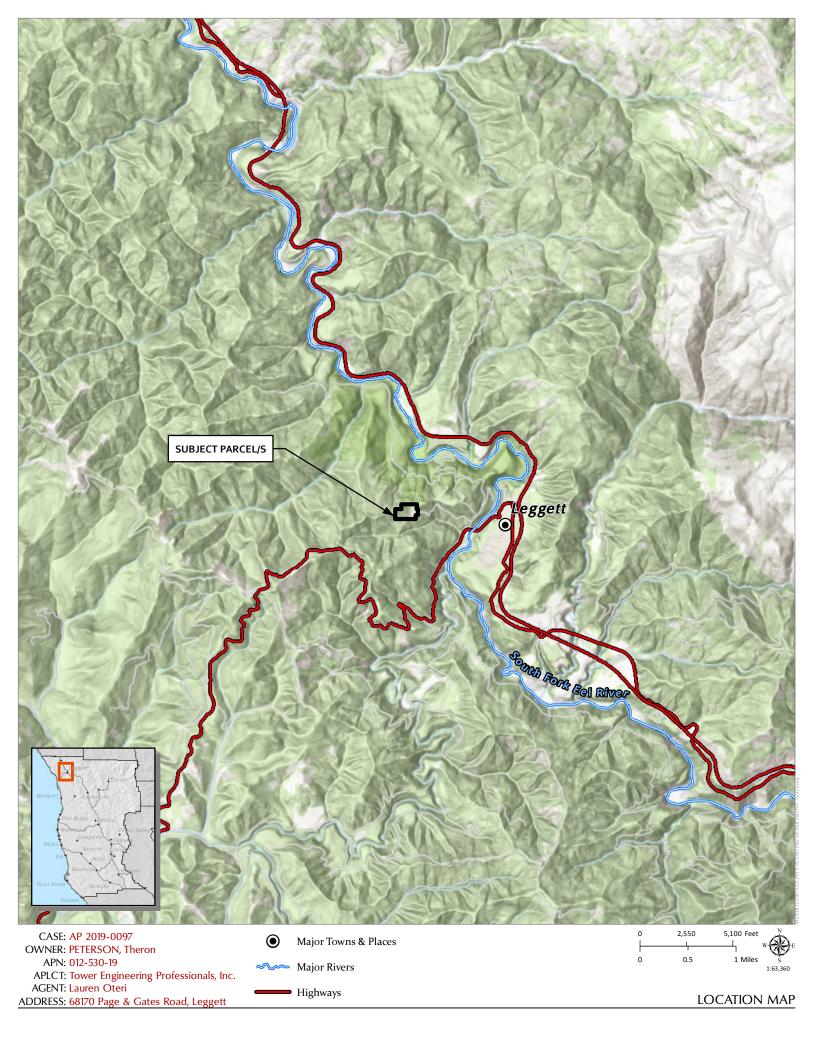
## INDEMNIFICATION AND HOLD HARMLESS

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.

A U. a made	Lauren Oteri	Date: 10/30/2019
Applicant:		





APN: 012-530-19

APLCT: Tower Engineering Professionals, Inc. AGENT: Lauren Oteri

ADDRESS: 68170 Page & Gates Road, Leggett

Driveways/Unnamed Roads

AERIAL IMAGERY



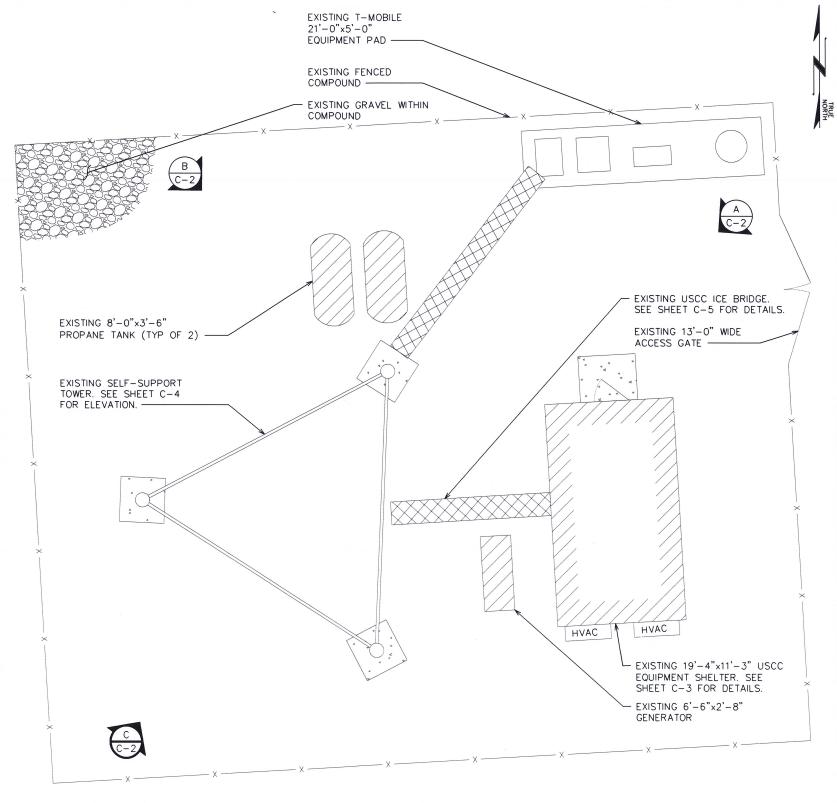
## **COMPOUND VIEW "A"**



**COMPOUND VIEW "B"** 



**COMPOUND VIEW "C"** 



PLANS PREPARED FOR: **W.S.** Cellular

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

PROJECT INFORMATION:

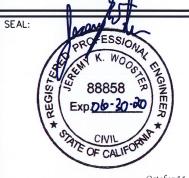
## 568370 **LEGGETT**

68270 OLD HOLLOW TREE ROAD LEGGETT, CA 95585 (MENDOCINO COUNTY)



### **TOWER ENGINEERING PROFESSIONALS**

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



October 14, 2019

REV	DATE	ISSUED FOR:	
0	09-19-19	PRELIMINARY	
1	10-02-19	CONSTRUCTION	
2	10-14-19	CONSTRUCTION	

DRAWN BY: GBP CHECKED BY:

SHEET TITLE:

SCALE IN FEET

## COMPOUND DETAIL

SHEET NUMBER:

REVISION:

TEP#: 52505.2947

**COMPOUND DETAIL** 

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

#### **EUPEN HYBRID CABLE LENGTH** PROPOSED RAYCAP QUANTITYIN IN SHELTER SPD: EXISTING RAYCAP QUANTITY IN SHELTER SPD: 0 LENGTH FROM SHELTER PORT WINDOWS TO POWER BAY: 6-FT ICE BRIDGE LENGTH: 14-FT RAYCAP CENTERLINE + 12-FT BUFFER: 159-FT TOTAL ESTIMATED LENGTH OF HYBRID CABLE: 179-FT TOTAL EST. LENGTH OF HYBRID CABLE (ROUNDED UP): 200-FT

### **JUMPER INFO**

FIBER/POWER JUMPER	BER/POWER JUMPER LENGTH FROM RAYCAP TO RRH		
	B71/12	BAND 2/4	BAND 5
ALPHA SECTOR:	15-FT	15-FT	-
BETA SECTOR:	15-FT	15-FT	-
GAMMA SECTOR:	15-FT	15-FT	15-FT
1/" HIMDED LENGTH ED	OM D71 /12	DDU- TO	ANITENNIAC

½" JUMPER LENGTH FRO	DM B71/12 RRHs TO ANTENNAS	
ALPHA SECTOR:	25-FT	
BETA SECTOR:	25-FT	
GAMMA SECTOR:	25-FT	
%" .ILIMPER LENGTH FROM B5 RRHS TO ANTENNAS		

1	72 JUMPER LENGTH F	ROM BO KKHS TO ANTENNAS
	ALPHA SECTOR:	25-FT
	BETA SECTOR:	25-FT
	GAMMA SECTOR:	25-FT
ı	%" JUMPER LENGTH FRO	OM B2/4 RRHs TO ANTENNAS
	,,, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	5 52, · · · · · · · · · · · · · · · · · · ·

ALPHA SECTOR: 25-FT BETA SECTOR: 25-FT GAMMA SECTOR:

#### **RET JUMPER INFO**

(-) (g	RRH TO ANTENNA
ALPHA SECTOR:	10-M
BETA SECTOR:	10-M
GAMMA SECTOR:	10-M

## **NOTES:**

SCALE: 1" = 20'

- PROPOSED EQUIPMENT TO BE INSTALLED PRIOR TO EXISTING EQUIPMENT DECOMMISSION.
- 2. T/APPURTENANCE = 154'

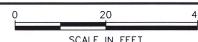
PROPOSED LTE PANEL TO BE INSTALLED: EXISTING CDMA PANEL TO BE RELOCATED:



PROPOSED

8 TING

OF



PROPOSED SECTOR MOUNT (TYP OF 3) SEE SHEET C-9 FOR DETAILS.

& OF USCC ANTENNAS AND EQUIPMENT © 149'-0": (6)
EXISTING CDMA ANTENNAS TO
RELOCATED TO PROPOSED MOUNT. (3) EXISTING LTE ANTENNAS, (3) BIAS-T TO BE REMOVED POST-INTEGRATION. (6) LTE ANTENNAS TO BE INSTALLED. SEE SHEET C-8 FOR MORE DETAILS.

& OF USCC EQUIPMENT ● 147'-0": (2) RAYCAPS, (3) AHLOA RRHs, (2) FXCA/B RRHs, (3) AHFIB RRHs TO BE INSTALLED PROPOSED RRH MOUNT, SEE SHEET C-8 AND C-10 FOR MORE DETAILS.

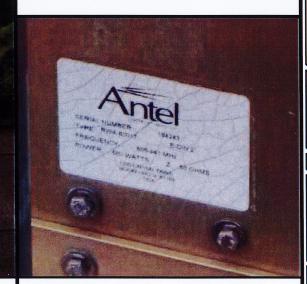
EXISTING MW DISH TO REMAIN BY OTHERS (TYP)

EXISTING SELF-SUPPORT TOWER





**EXISTING USCC LTE TAG** 



**EXISTING USCC CDMA TAG** 



U.S. Cellular

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

PROJECT INFORMATION:

## 568370 **LEGGETT**

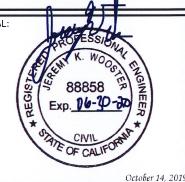
68270 OLD HOLLOW TREE ROAD LEGGETT, CA 95585 (MENDOCINO COUNTY)

PLANS PREPARED BY:



#### **TOWER ENGINEERING PROFESSIONALS**

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



2	10-14-19	CONSTRUCTION
1	10-02-19	CONSTRUCTION
0	09-19-19	PRELIMINARY
REV	DATE	ISSUED FOR:

GBP CHECKED BY: DRAWN BY:

SHEET TITLE:

**TOWER ELEVATION** 

SHEET NUMBER:

REVISION:

TEP#: 52505.29476

PROPOSED TOWER ELEVATION

SCALE IN FEET

0'-0" (REF.)
B/BASEPLATE

**EXISTING TOWER ELEVATION** 

