

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

July 2, 2020

Department of Transportation Building Inspection – Ukiah County Addresser Air Quality Management CalFire - Prevention Ukiah Valley Fire District Cloverdale Rancheria Redwood Valley Rancheria Sherwood Valley Band of Pomo Indians

CASE#: UR_2020-0002 **DATE FILED:** 1/9/2020

OWNER: BECKSTOFFER VINEYARDS XV LLC

APPLICANT: US CELLULAR

AGENT: TOWER ENGINEERING PROFESSIONALS

REQUEST: Use Permit Renewal for continued operation of an existing 80 ft. tall wireless communication tower with various antennae and ground based equipment located within a 1,600 sq. ft. leased area. Only extension of

expiration date is requested; no modifications are proposed.

LOCATION: 1.5± miles northeast of the City of Ukiah, lying on the west side of Redemeyer Road (CR 215A), and 0.4± miles north of its intersection with Vichy Springs Road (CR 215) within the northwest corner of the vineyard,

located at 650 Redemeyer Rd., Ukiah (APN: 178-190-12). **ENVIRONMENTAL DETERMINATION:** Categorically Exempt

SUPERVISORIAL DISTRICT: 1 STAFF PLANNER: MARK CLISER RESPONSE DUE DATE: July 16, 2020

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).				
	onal information (attach items needed, or rvices in any correspondence you may ha				
☐ Recommend denial (Atta	ch reasons for recommending denial).				
☐ Recommend preparation	☐ 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			

REPORT FOR: USE PERMIT RENEWAL

OWNER: BECKSTOFFER VINEYARDS XV LLC

APPLICANT: US Cellular

AGENT: Tower Engineering Professionals

REQUEST: Use Permit Renewal for continued operation of an existing 80 ft. tall wireless communication tower with various

antennae and ground based equipment located within a 1,600 sq. ft. leased area. Only extension of expiration

date is requested; no modifications are proposed.

LOCATION: 1.5± miles northeast of the City of Ukiah, lying on the west side of Redemeyer Road (CR 215A), and 0.4± miles

north of its intersection with Vichy Springs Road (CR 215) within the northwest corner of the vineyard, located at

650 Redemeyer Rd., Ukiah (APN: 178-190-12).

APN/S: 178-190-12-00

PARCEL SIZE: 47± Acres

GENERAL PLAN: AG40:

ZONING: AG:40

EXISTING USES: Agricultural, Commercial

DISTRICT: 1 (Brown)

RELATED CASES: U_2007-0001 (New cell tower); AP_2017-0004 (Cell tower modifications); AP_2019-0096 (Cell tower modifications

- pending renewal)

	ADJACENT GENERAL PLAN	ADJACENT ZONING	ADJACENT LOT SIZES	ADJACENT USES
NORTH:	AG40	AG:40	49± acres	Agricultural
EAST:	AG40	AG:40	29.3±; 12± acres	Agricultural
SOUTH:	AG40	AG:40	43± acres	Agricultural
WEST:	AG40	AG:40; I2	43±; 21.88± acres	Agricultural; Industrial

REFERRAL AGENCIES

LOCAL

☑ Air Quality Management District☑ Building Division Ukiah☑ County Addresser

☑ Department of Transportation (DOT)

☑ Ukiah Valley Fire District

STATE

☑ CALFIRE (Land Use)

TRIBAL

☑ Cloverdale Rancheria☑ Redwood Valley Rancheria

∑ Sherwood Valley Band of Pomo Indians

CASE: UR 2020-0002

ADDITIONAL INFORMATION: Parcel located in Prime Farmland (P) and in area with 0.2 - 1 percent annual chance flood hazard and Inundation zone.

New address assigned (650 Redemeyer Road). 550 Redemeyer Road is a home.

STAFF PLANNER: MARK CLISER DATE: 1/16/2020

ENVIRONMENTAL DATA

1. MAC:

2. FIRE HAZARD SEVERITY ZONE:

NA

NA

3. FIRE RESPONSIBILITY AREA:

UKIAH VALLEY FIRE DISTRICT

4. FARMLAND CLASSIFICATION:

PRIME

5. FLOOD ZONE CLASSIFICATION:

YES

6. COASTAL GROUNDWATER RESOURCE AREA:

NA

7. SOIL CLASSIFICATION:

EASTERN SOILS

8. PYGMY VEGETATION OR PYGMY CAPABLE SOIL:

NA

9. WILLIAMSON ACT CONTRACT:

10. TIMBER PRODUCTION ZONE:

NO

11. WETLANDS CLASSIFICATION:

RIVERINE

12. EARTHQUAKE FAULT ZONE:

NO

13. AIRPORT LAND USE PLANNING AREA:

14. SUPERFUND/BROWNFIELD/HAZMAT SITE:

NO

15. NATURAL DIVERSITY DATABASE:

NO

16. STATE FOREST/PARK/RECREATION AREA ADJACENT:

NA

17. LANDSLIDE HAZARD:

RM-61: General Plan 4-44

NA

18. WATER EFFICIENT LANDSCAPE REQUIRED:

19. WILD AND SCENIC RIVER:

NA

20. SPECIFIC PLAN/SPECIAL PLAN AREA:

NA

21. STATE CLEARINGHOUSE REQUIRED:

NA

22. OAK WOODLAND AREA:

NA

23. HARBOR DISTRICT:

NA



Planning and Building Services

Case No: UR	2020-0002
CalFire No:	
Date Filed:	
Fee:	
Receipt No:	
Received By:	
-	Office use only

APPLICATION FORM

APPLICANT Name: Tower Engineering Profess	ionale	Phone: 980-202-5894	
Mailing Address: 10700 Sikes Place, Suite		Priorie: 300 202 3034	
City: Charlotte	State/Zip: NC	email: mcmcgarity@tepgroup.net	
PROPERTY OWNER Name: US Cellular Corporation		Phone: 773-399-8900	
Mailing Address: 8400 West Bryn Mawr, S	Suite 700		
City: Chicago	State/Zip: IL	email:	
AGENT Name: Tower Engineering Profess	sionals Inc (Mary McGarity, agent)	Phone: 980-202-5894	, , , , , , , , , , , , , , , , , , ,
Mailing Address: 10700 Sikes Place, Suite	e 360		
City: Charlotte	State/Zip: NC 28277	email: mcmcgarity@tepgroup.net	
Parcel Size:	(Sq. feet/Acres) Address of Prop	erty: 650 Redemeyer Rd, Ukiah, CA 95482 (also referenced 52	20)and 550
Assessor Parcel Number(s):	178 190 12		
TYPE OF APPLICATION:			
☐ Administrative Permit ☐ Agricultural Preserve ☐ Airport Land Use ☐ CDP- Admin ☐ CDP- Standard ☐ Certificate of Compliance ☐ Development Review ☐ Exception	☐ Flood Hazard ☐ Rezoning ☐ General Plan Amendment ☐ Use Permit-Cottage ☐ Land Division-Major ☐ Use Permit-Major ☐ Land Division-Parcel ☐ Variance ☐ Land Division-Resubdivision ☐ Other ☐ Modification of Conditions ☐ Reversion to Acreage ☐ Rezoning ☐ Use Permit-Major ☐ Use Permit-Major ☐ Variance ☐ Variance ☐ Other ☐		
	ubmitted with this application is tr		
Mary McGariti	5/11/2020 Date	Mary McGarity 5/11/2020 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 vegetation removal, roads, etc.		vements such as	wells, septic	systems, gradir	ng,
	Renewal of existing tow	er which expire	ed February	15, 2017 (‡	#U_2007-00	01)
	The original Use Permit	t expired Febru	ary 15, 2017.			
	By granting this Use Permit, Use	JS Cellular agrees	s to continue to r	negotiate in g	ood faith with th	nird
	parties, as well as public age	encies, requesting	shared use of	this cellular s	site for collocat	on.
		Number	of Units		Cause Footon	
2. St	ructures/Lot Coverage	Existing	Proposed	Existing	Square Footag Proposed	Total
	Single Family Mobile Home Ouplex Multifamily Other: Cell tower Other:					
Area La	Structures Paved andscaped Area roved Area					

3.	If the project is commercial, industrial or institutional, complete the following:	
	Estimated employees per shift: N/A	
	Estimated shifts per day: N/A	
	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, flam or explosives? ☐Yes ■No If yes, explain:	nmables,
7.	How much off-street parking will be provided? Number Size	
	Number Size Number of covered spaces	
	Number of uncovered spaces none	
	Number of standard spaces none	
	Number of Handicapped Spaces	
	Existing Number of Spaces none	
	Proposed Additional Spaces none none	
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 0 cubic yards	
	C. Maximum height of fill slope 0 feet	
	D. Maximum height of cut slope 0 feet E. Amount of import or export 0 cubic yards	
	E. Amount of import or export0 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? Yes 14. Is the proposed development visible from a park, beach or other recreational area? Yes
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?
16.	Has a U.S. Army Corps of Engineers permit been applied for? Will there be any exterior lighting? Yes No 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:feetmiles) On Site Generation - Specify: N/A Utility Company/Tank On Site Generation - Specify: N/A None
18.	C. Telephone: Yes No
10.	What will be the method of sewage disposal? Community sewage system - Specify supplier N/A Septic Tank Other - Specify: N/A
19.	What will be the domestic water source: Community water system - Specify supplier N/A Well Spring Other - Specify: N/A

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 Ser	vices staff and hearing bodies to enter u	pon
	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	5/11/2020	
	Owner/Authorized Agent	Date	

Date

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

AUTHORIZATION OF AGENT

I hereby authorize Tower Engineering Professionals	Inc.	to act as m
representative and to bind me in all matters concerning this application.		_
Mary McGarity	5/11/202	20
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

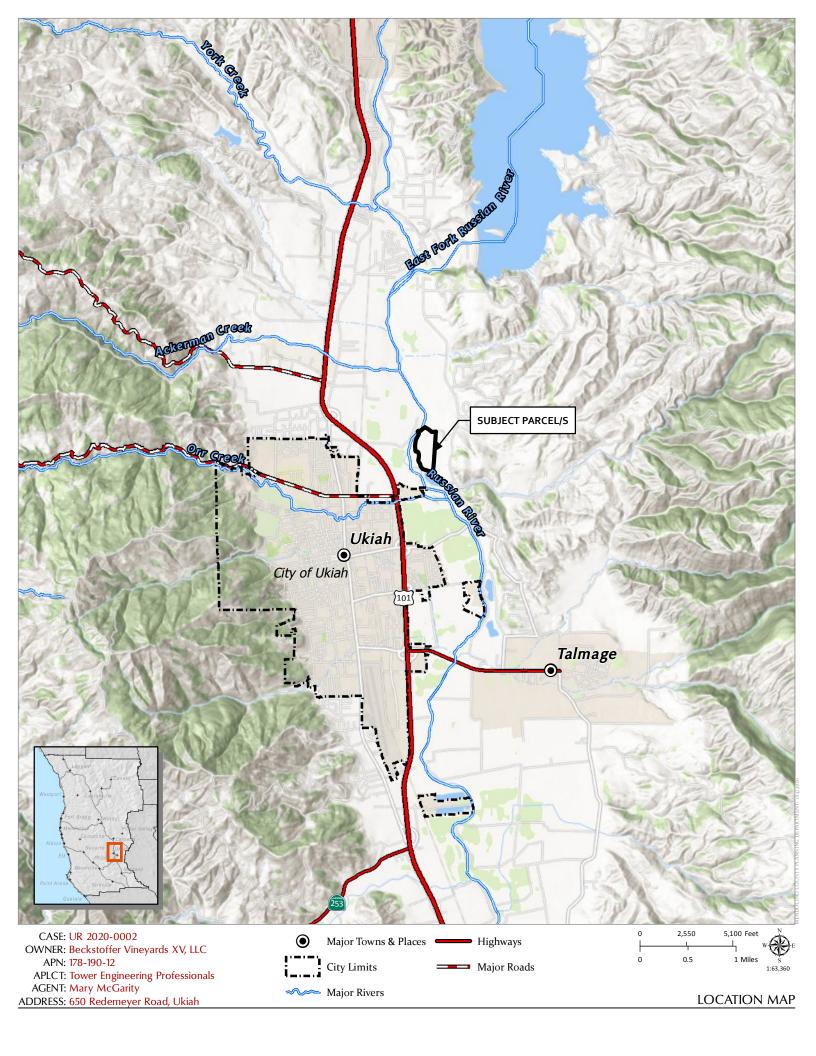
INDEMNIFICATION AND HOLD HARMLESS

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 Mc	Jarity	_{Date:} 5/11/2020
	// //		





OWNER: Beckstoffer Vineyards XV, LLC

APN: 178-190-12

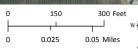
APLCT: Tower Engineering Professionals AGENT: Mary McGarity

ADDRESS: 650 Redemeyer Road, Ukiah

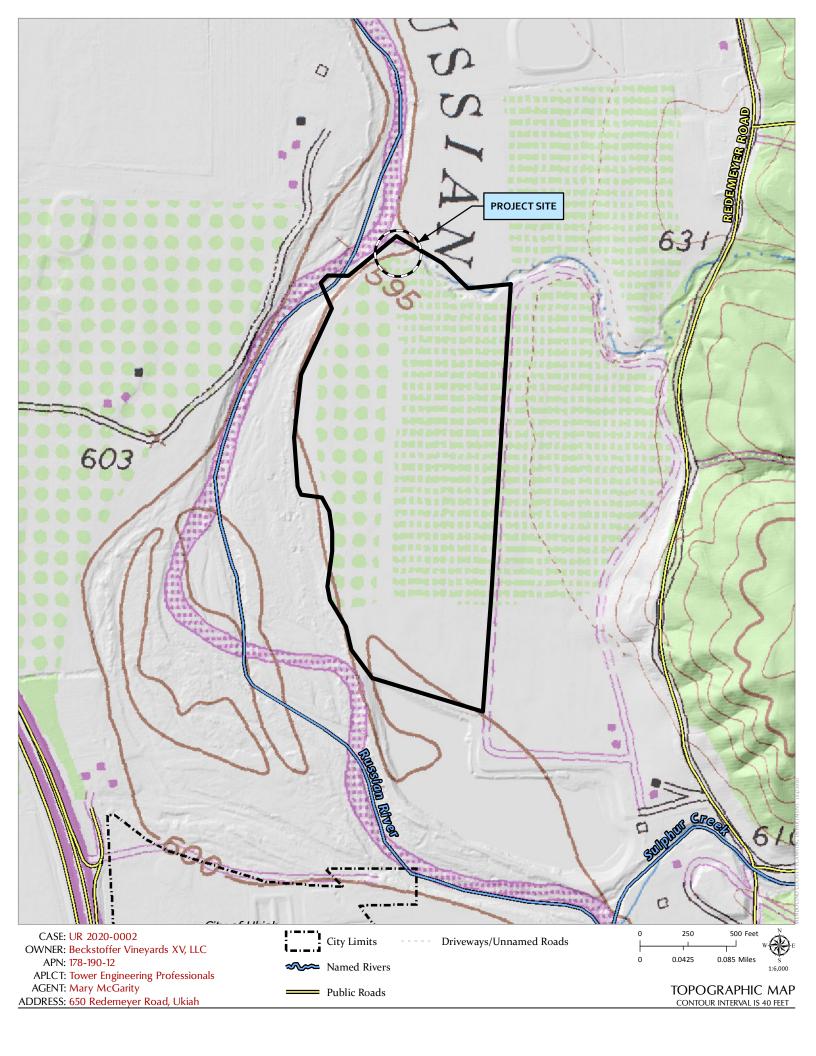


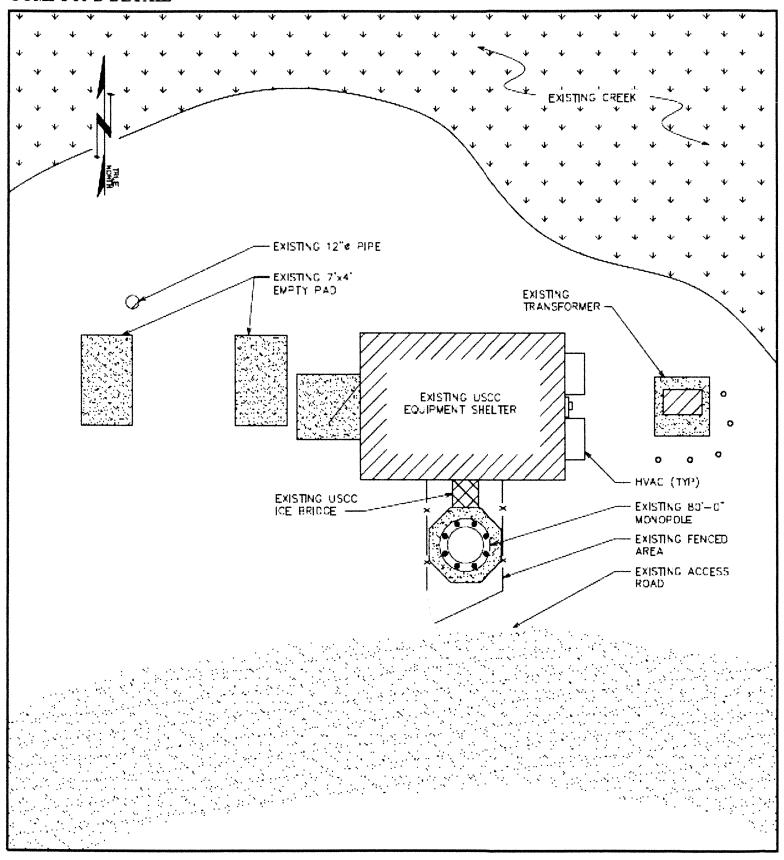
Named Rivers

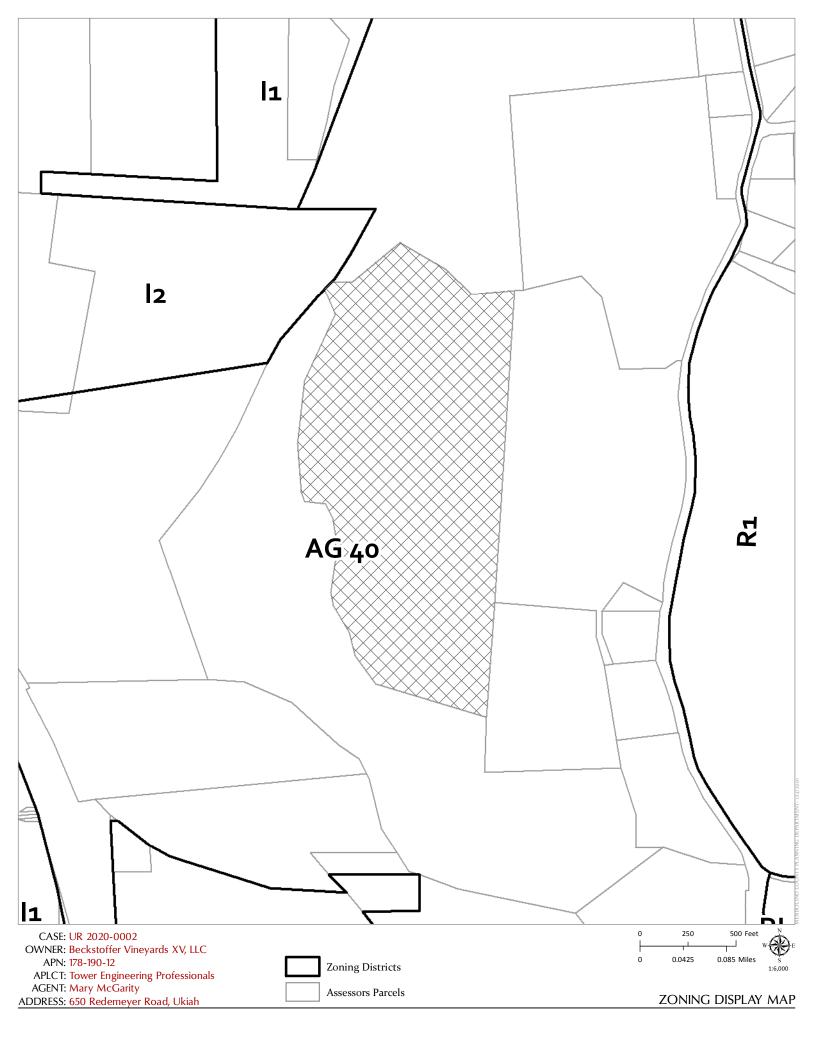


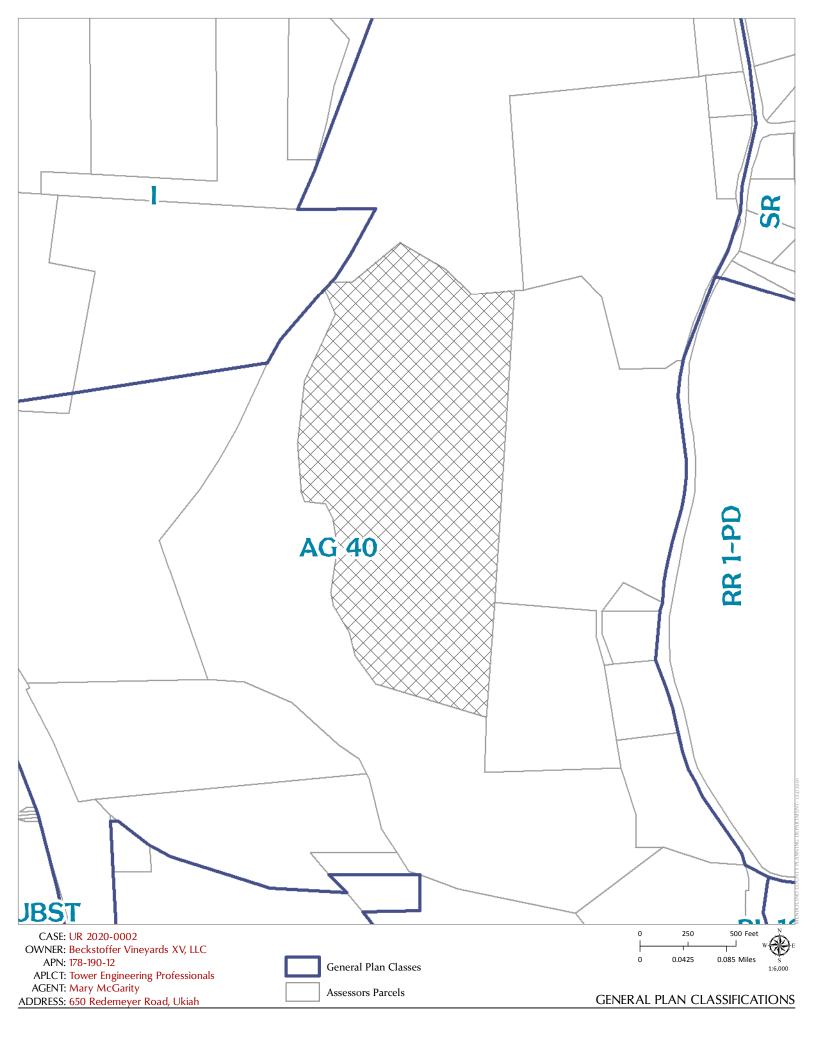


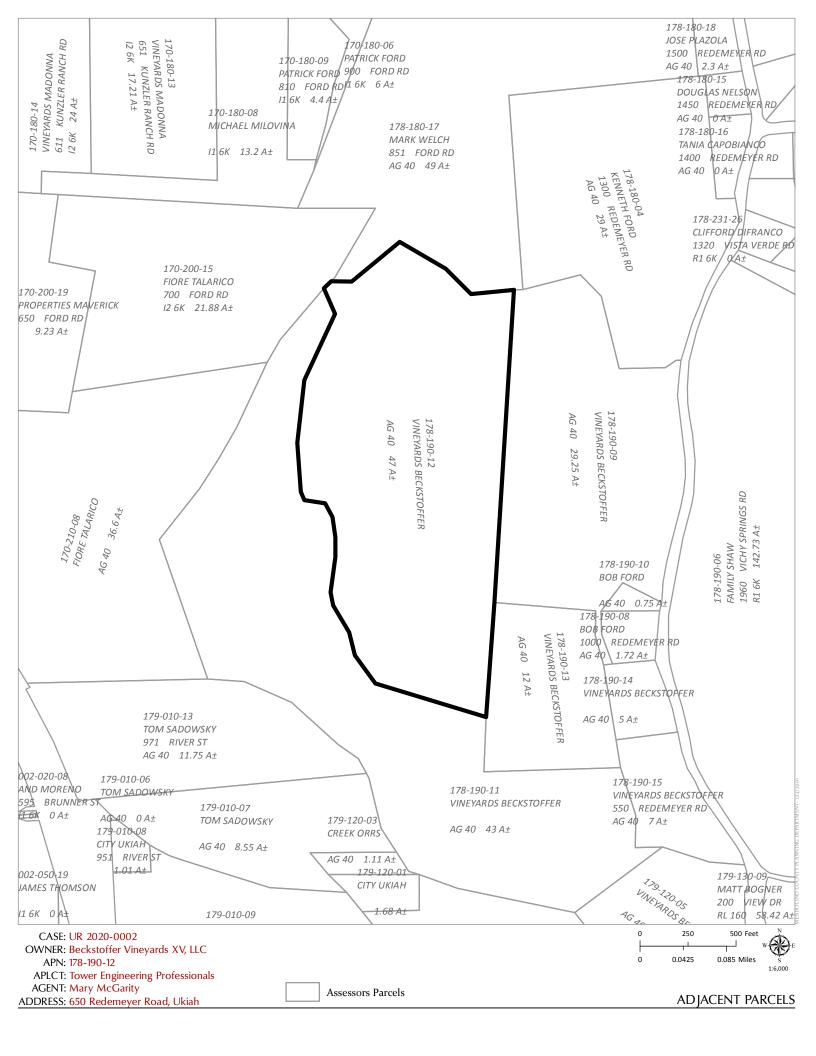


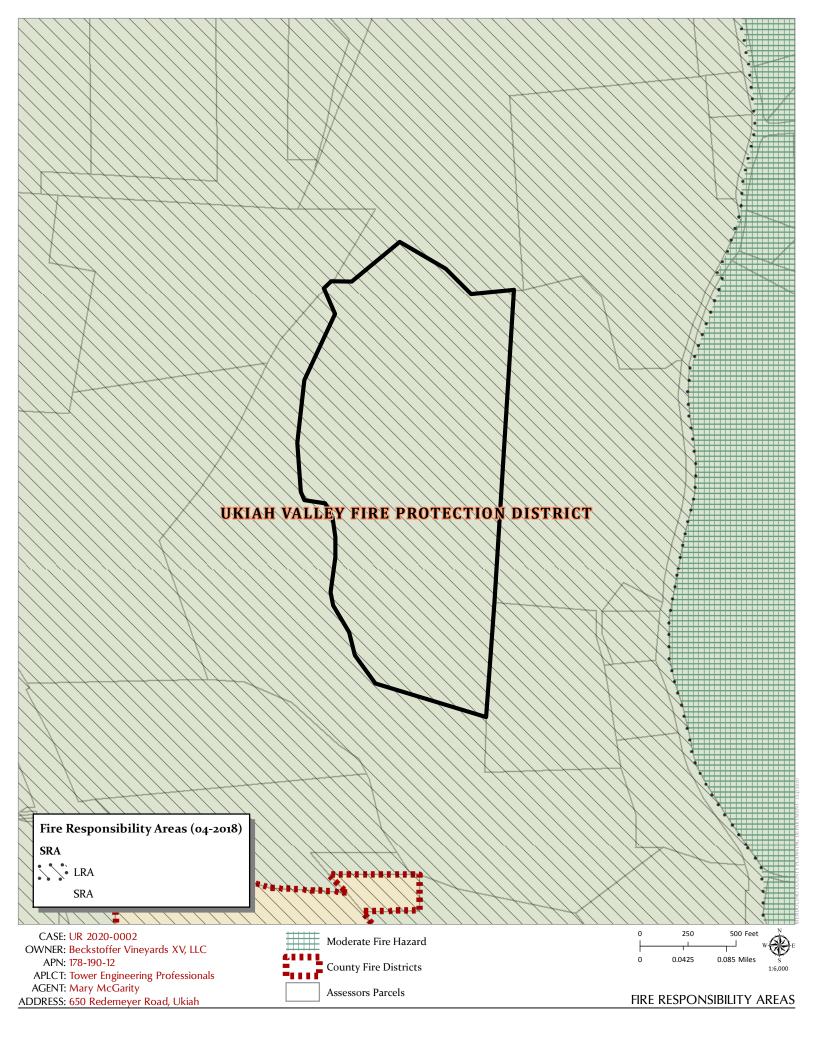


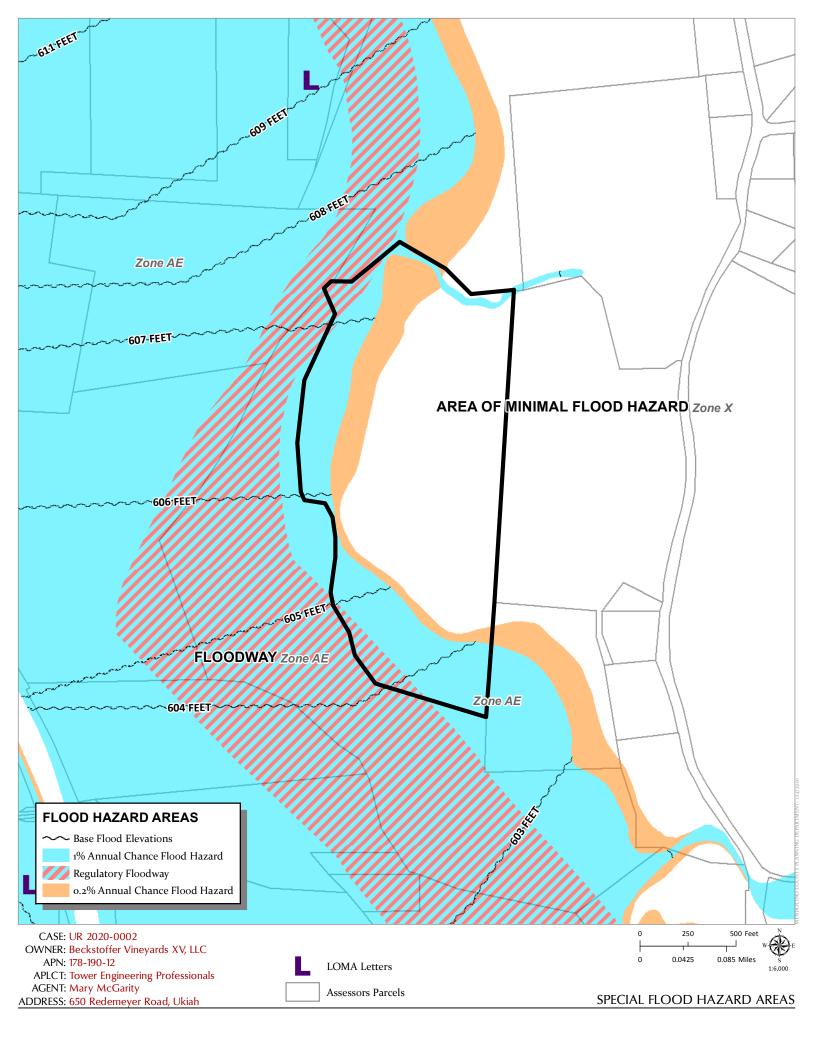


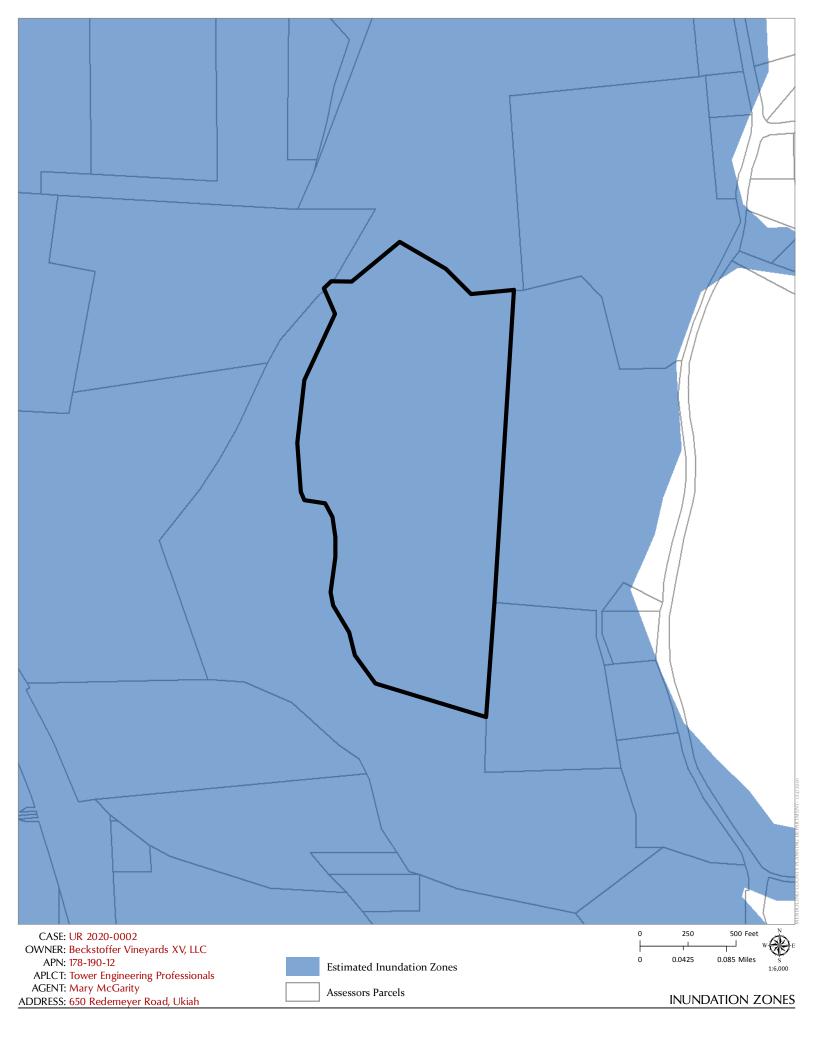


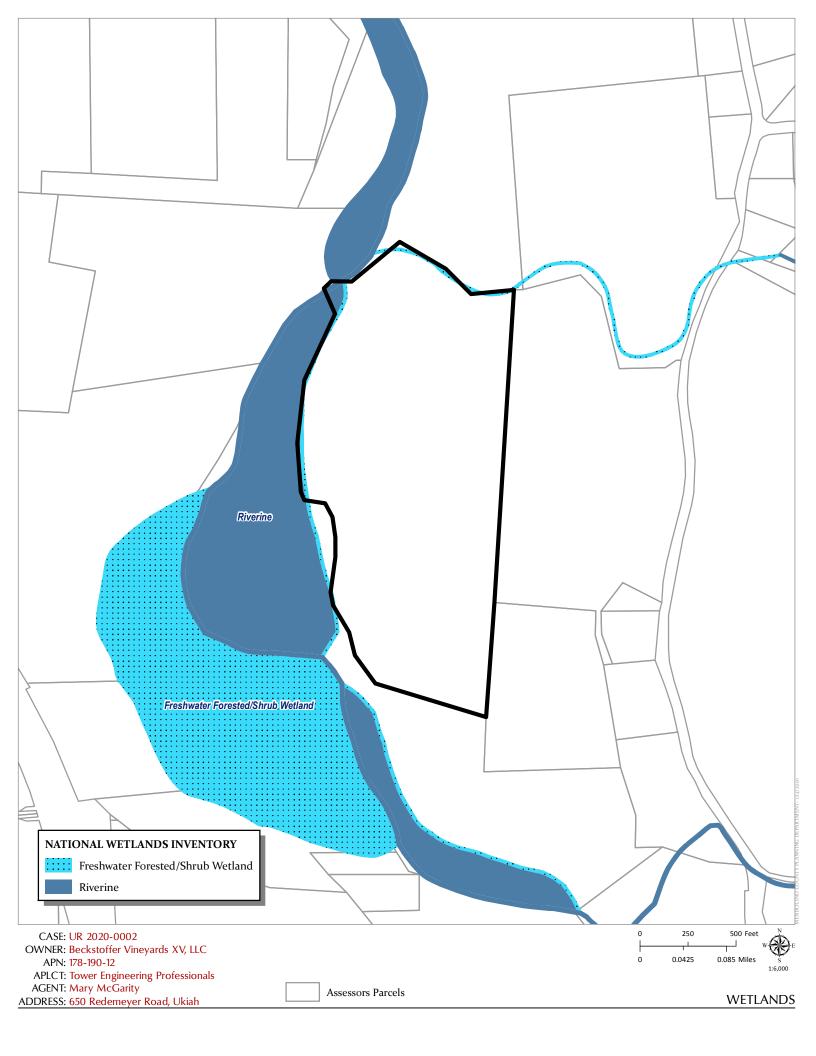


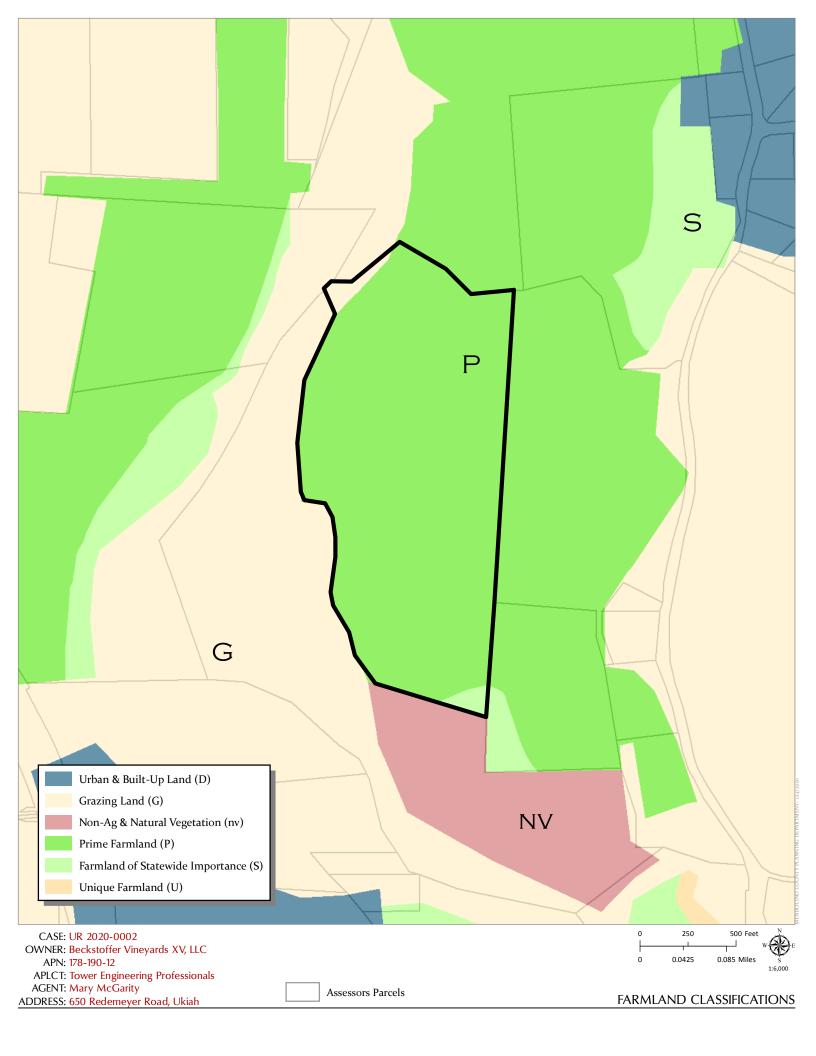


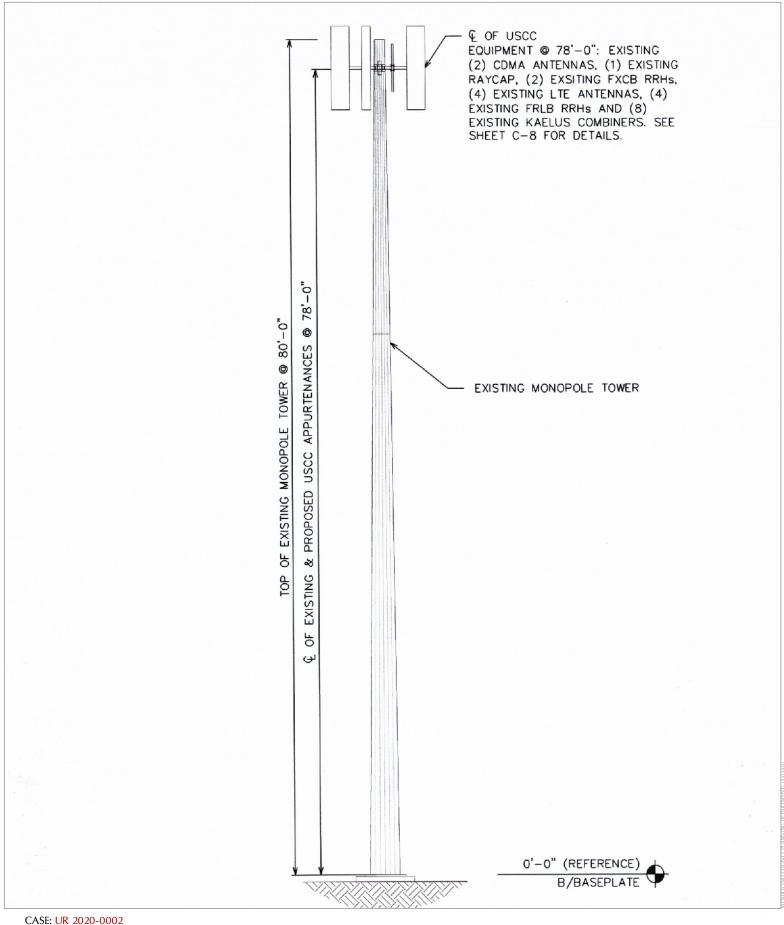












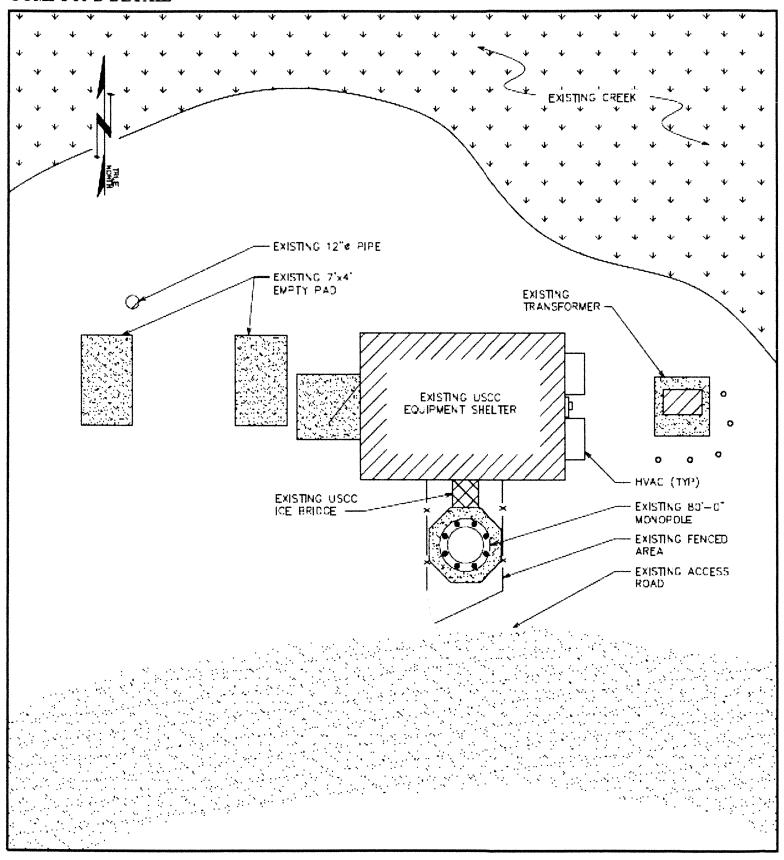
OWNER: Beckstoffer Vineyards XV, LLC

APN: 178-190-12

APLCT: Tower Engineering Professionals

AGENT: Mary McGarity

ADDRESS: 650 Redemeyer Road, Ukiah





June 15, 2008

United States Cellular Corporation C/o Stephen Schanck 649 Oakwood Drive Eagle Point, OR 97524

SUBJECT: S

SUMMARY LETTER, CONSTRUCTION OBSERVATION SERVICES, UNITED STATES CELLULAR CORPORATION, UKIAH CAP 3 CELLULAR COMMUNICATIONS TOWER SITE, SITE NO. 568453, MENDOCINO COUNTY, CALIFORNIA (COUNTY PERMIT NO. 2008-0061)

At your request, Applied Geotechnical Engineering and Geologic Consulting LLC (AGEGC) has provided construction observation services for US Cellular's new cell tower, site no. 568453 located at 520 Redemeyer Road in Mendocino County, California. The tower will be an 80 ft monopole structure on a raft foundation. Our work included a site visit to evaluate foundation subgrade and steel reinforcement placement for the tower's spread footing foundation, observation of concrete placement for the foundation, and casting and testing of concrete samples (one set of four cylinders) for the foundation. General geotechnical recommendations for development of the site are provided in our January 27, 2007, report to you entitled "Geotechnical Investigation, Proposed US Cellular's Communications Tower, Ukiah Cap 3 Site No. 568453, Mendocino County, California." Since completion of our geotechnical report, the tower's foundation design has been changed from a drilled pier to a raft foundation.

The project contractor is HPS Construction. AGEGC completed a site visit on June 13, 2008, to evaluate the subgrade for the tower foundation, evaluate the steel reinforcement and concrete placement, and cast concrete test cylinders.

Structural design for the tower foundation is provided in the January 11, 2008, plans by Valmont Structures. The design of the raft foundation is based on a soil bearing pressure of 2,500 psf, increased by one-third for transient loading (seismic and wind). The foundation excavation was completed and the steel reinforcement was in place at the time of our site visit. Based on the materials exposed in the excavation sidewalls, subgrade consists of medium stiff to stiff brown silt. After final grading of the site, we understand that subgrade for the tower foundation will be at least 6 ft below the final grades adjacent to the foundation excavation. In our opinion, the subgrade is suitable for support of spread footing foundations designed based on a transient soil bearing pressure of up to 3,334 psf.

Steel reinforcement for the tower foundation consists of top and bottom mats. The foundation is 18 ft by 18 ft in plan and 2-ft-thick. The upper mat consists of two layers of fifteen No. 6 bars oriented at 90° to each other. The lower mat consists of two layers of thirteen No. 9 bars oriented at 90° to each other. The pier has twenty-one No. 9 deformed steel bars. In our opinion, based on our review of the project

plans, the steel reinforcement has been placed in substantial conformance with the project plans and specifications.

AGEGC also observed placement of the concrete for the foundation. The concrete consists of a 4,000 psi mix provided by Granite Construction of Ukiah, California. The concrete was vibrated as the concrete was placed. Four concrete test cylinders were made by AGEGC from a concrete sample collected from the second concrete truck. The cylinders will be tested at 7 days (one cylinder) and 14 days (two cylinders).

Please contact AGEGC if you have any questions or require additional information.

Sincerely,

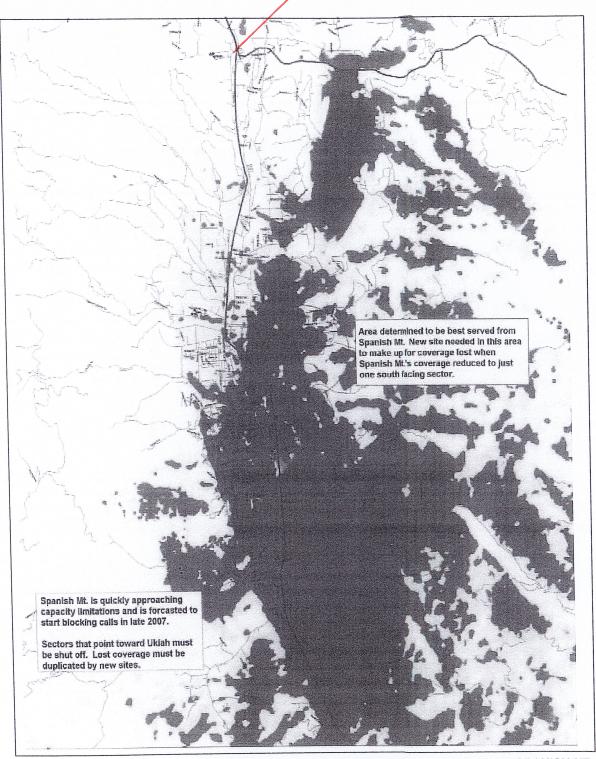
Applied Geotechnical Engineering and Geologic Consulting, LLC

Robin L. Warren, P.E., G.E., R.G.

Malu Warren

Principal

US101 \$ 5#20

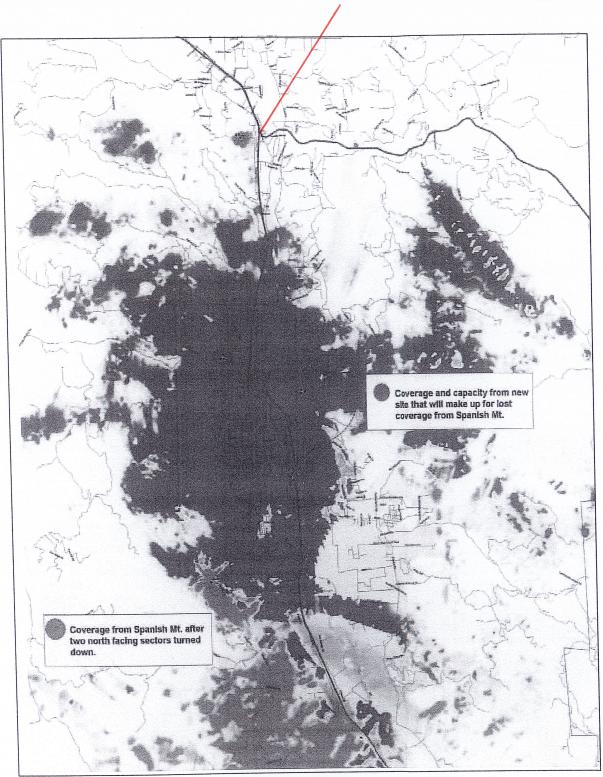


CURRENT USCC COVERAGE IN UKIAH AREA FROM SPANISH MT.

OWNER: BECKSTOFFER VINEYARD

APPLICANT: U.S. CELLULAR
AGENT: POTTER, Allen
CASE: U 1-2007
APN: 178-190-12

US101 & SHZO



USCC COVERAGE FROM NEW UKIAH CAP 3 SITE

OWNER:

BECKSTOFFER VINEYARD

CASE:

APN:

APPLICANT: U.S. CELLULAR AGENT: POTTER, Allen U 1-2007 178-190-12

Not To Scale



CHARLOTTE OFFICE 10700 SIKES PLACE, SUITE 360 CHARLOTTE, NC 28277 980.202.5553 WWW.TEPGROUP.NET

RE: USCC Site Number: 568453 USCC Site Name: Ukiah Cap 3

Project Site Address: 650 Redemeyer Rd., Ukiah, CA (also referenced 520 and 550)

To Whom It May Concern:

REQUEST: Major Use Permit to authorize tower renewal and continued operation of the telecommunication facility to support the wireless carrier (U.S. Cellular) which consists of an 80-foot monopole, six panel antennas and an equipment shelter.

LOCATION: 1.5+/- miles northeast of Ukiah, lying on the west side of Redemeyer Road (CR# 215A), and 0.4 miles north of its intersection with Vichy Springs Road (CR# 215) within the northwest corner of the vineyard, located at 650 Redemeyer Rd (also referenced 520 and 550); APN 178-190-12.

The objective of this tower is to provide added coverage and capacity in the City of Ukiah and improve coverage on Highway 101 between Ukiah and Calpella. The facility remains an unmanned facility that will operate 24 hours a day, 7 days a week. The facility is located on a 1,600 square foot leased area within a 53.4 acres "host" parcel and is secured with a 6 foot high chain link fence around the perimeter. The property is being utilized as a working vineyard.

Prior to building this tower in 2007, local searches were performed to locate existing structures that would be adequate for the coverage needs. Unfortunately, no such structures were in the area that met the criteria. This site offers the least obtrusive location in this area of Mendocino County as it is not a highly visible site, nor is it near residential areas or schools.

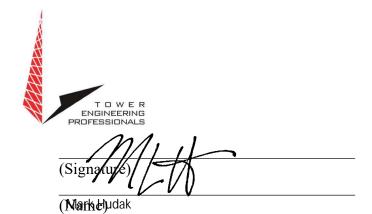
There are no nearby facilities for US Cellular to collocate to and still meet their coverage objective. By allowing this Use Permit, US Cellular agrees to negotiate in good faith with third parties requesting shared us of this tower.

This letter shall confirm that the tower located at the above address meets or exceeds applicable American National Standards Institute (ANSI) standards as adopted by the Federal Communication Commission (FCC) in order to protect the public from unnecessary exposure to electromagnetic radiation and will not cause interference with other telecommunications devices.

U.S Cellular will comply with FCC regulations regarding susceptibility to radio frequency interference (RFI), frequency coordination requirements, general technical standards for power, antenna, bandwidth limitations, frequency stability, transmitter measurements, operating requirements, and any other federal statutory and regulatory requirements relating to RFI.

U.S. Cellular will comply with Good Engineering Practices as defined by the FCC in its Rules and Regulations. Equipment will comply with all applicable FAA regulations.

CIVIL | GEOTECHNICAL | SURVEY | INSPECTION | STRUCTURAL | PM&E | ENVIRONMENTAL | CONSTRUCTION | SITE ACQUISITION SERVICES



Thtlision Manager

CHARLOTTE OFFICE 10700 SIKES PLACE, SUITE 360 CHARLOTTE, NC 28277 980.202.5553 WWW.TEPGROUP.NET