

STAFF REPORT TO: AMADOR COUNTY PLANNING COMMISSION
FOR MEETING OF: MAY 12, 2015

Item 3- Public Hearing - Request for a Use Permit (UP-15;4-1) to allow a 20-foot extension, 12 panel antennae, and associated ground equipment to the existing 41-foot-tall communication tower located behind Volcano Communications office in Pine Grove (APN 030-200-076).

Applicant: Epic Wireless on behalf of Verizon Wireless
Supervisory District 4

Location: 20000 Highway 88, approximately 400 feet west of the intersection with Pine Grove - Volcano Road.

- A. General Plan Designation of Area:** C, Commercial.
- B. Current Zoning:** "C-2," Heavy Commercial.
- C. Description:** County Code requires a formal Use Permit for communication towers in excess of 50 feet, and communication tower extensions greater than 10 feet. Towers and extensions less than these thresholds can be authorized by staff-issued Use Permits. The original tower on the site was erected prior to the adoption of the Communication Tower ordinance.
- D. TAC Review and Recommendation:** This project was reviewed by TAC which found no technical objections to the Planning Commission approving the Use Permit subject to the Conditions of Approval and findings attached to the staff report. Staff also recommends the adoption Categorical Exclusion per Section 15301 of the CEQA guidelines.
- E. Planning Commission Action:** The action of the Planning Commission should first include a decision on the adequacy of the environmental document, proposed to be a Categorical Exclusion. A decision on the Use Permit with the proposed conditions can then be made.
- F. Findings:** If the Planning Commission approves this Use Permit, the following findings are recommended:
1. The project is consistent with the Amador County General Plan and zoning district at this location;
 2. The approval of the Use Permit is sanctioned by County Code Section 19.48.150 (Wireless Service Facilities) and is consistent with County Code Section 19.24.040 (Use Permit Findings) in that the establishment, maintenance or operation of proposed use will not be detrimental to the health, safety, peace, morals, comfort, and general welfare of the persons residing or working in the neighborhood of such proposed use or be detrimental or injurious to property and improvements in the neighborhood or the

general welfare of the County.

USE PERMIT CONDITIONS OF APPROVAL
FOR
EPIC WIRELESS / VERIZON WIRELESS USE PERMIT

APPLICANT: Epic Wireless Group, Inc. for Verizon Wireless

ADDRESS: 8700 Auburn Folsom Road, Suite 400, Granite Bay, CA 95746

APN: 030-200-076

USE PERMIT NUMBER: UP-15;4-1

PLANNING COMMISSION APPROVAL DATE:

BOARD OF SUPERVISORS ACTION:

PROJECT DESCRIPTION: Request by Epic Wireless on behalf of Verizon Wireless to allow a 20-foot extension, 12 panel antennae, and associated ground equipment to the existing 41-foot-tall communication tower located behind Volcano Communications office in Pine Grove.

LOCATION: 200000 Highway 88, Pine Grove, CA 95665.

CONDITIONS OF APPROVAL

1. *This Use Permit shall not become valid, nor shall the use commence until such time as the Permittee is either found to be in compliance with or has agreed, in writing, to compliance monitoring acceptable to the County. At that time the permit shall be signed by the Planning Department and the use shall commence. THE PLANNING DEPARTMENT SHALL MONITOR THIS CONDITION.*
2. This Use Permit shall follow all applicable requirements of County Code Section 19.48.150 (Wireless Service Facilities) including, but not limited, to the following:
 - A. The Permittee shall provide an engineer's estimated cost for removal of the monopole and ancillary equipment;
 - B. A performance bond in the amount of 100% of the County's estimated cost of removal for the wireless service facility and other equipment, including administrative costs;
 - C. The wireless service facility shall be removed when it becomes no longer necessary or not in use for a six-month period; and
 - D. The height of facilities shall not exceed existing tree lines or buildings along a skyline by more than 15 feet.

THE PLANNING DEPARTMENT SHALL MONITOR THIS CONDITION.
3. The Permittee shall acquire a building permit for all facilities and any other related equipment. Construction and location shall be substantially the same as shown on the approved project description and plot plan. THE BUILDING DEPARTMENT SHALL MONITOR THIS CONDITION.
4. The Permittee shall submit proof to the Planning Department that all FCC and FAA regulations for wireless service facilities have been researched and complied with according to their requirements, including but not limited to, that the facility shall not emit harmful rays, noxious odors, heat, excessive noise or pollutants. The facilities shall not interfere with radio, television or phone transmissions, and will not interfere with the operation of household appliances, door openers, or other machinery in the area. If public complaints occur, the burden of proof in fulfilling this condition shall be upon the Permittee. THE PLANNING DEPARTMENT SHALL MONITOR THIS CONDITION.

5. All future co-locator users shall be approved by the Planning Department prior to being attached to the wireless service facility. Description and image of any attachment will determine approval. THE PLANNING DEPARTMENT SHALL MONITOR THIS CONDITION.
6. An Authority to Construct and permit to operate may be required if potential co-locators use back-up generators operated with diesel fuel at this facility (the Amador Air District should be contacted for more information). THE AMADOR AIR DISTRICT SHALL MONITOR THIS CONDITION.
7. Any security lighting for the ground facilities shall be shielded from neighboring properties/buildings/roadways. THE PLANNING DEPARTMENT SHALL MONITOR THIS CONDITION.
8. Any proposed generator shall be constructed and insulated such that it will not exceed the Noise Element Guidelines of the Amador County General Plan at the project boundary. THE PLANNING DEPARTMENT SHALL MONITOR THIS CONDITION.
9. Any proposed generator shall be constructed and maintained in accordance with Sections 603 and 604 of the California Fire Code. THE AMADOR FIRE PROTECTION DISTRICT SHALL MONITOR THIS CONDITION.
10. The Permittee must substantially comply with all applicable requirements regarding use and storage of hazardous materials, as well as handling and disposal of hazardous wastes as required by the Certified Unified Program Agency (CUPA). THE ENVIRONMENTAL HEALTH DEPARTMENT SHALL MONITOR THIS CONDITION.
11. In the event that historic archaeological, and/or paleontological resources are encountered during site grading or other site work, all such work shall be halted immediately within the area of discovery and the developer shall immediately notify the Planning Department of the discovery. In such case, the developer shall, at their expense, retain the services of a qualified archaeologist for the purpose of recording, protecting, or curating the discovery as appropriate. The archaeologist shall be required to submit to the Planning Department for review and approval a report of findings and method of curation or protection of the resources. Further grading or site work within the area of discovery shall not be allowed until the preceding steps have been taken. THE PLANNING DEPARTMENT SHALL MONITOR THIS CONDITION.

19.48.150 Commercial wireless service facilities.

- A. Purpose. This section provides for the orderly development of wireless service facilities to encourage appropriate locations, protect the character of neighborhoods and communities, reduce the potential for health and safety hazards, and maintain the visual quality of Amador County, especially along highways and roadways.
- B. Allowed Zone Districts. Wireless service facilities and ancillary equipment buildings shall only be allowed in the following zone districts (except those described in subsection C of this section): "A," "AG," "C-1," "C-2," "H," "LM," "MM," "M," and "TPZ"; on parcels twenty acres or larger in size in the "R1-A" and "X" zone districts when located in the following General Plan classifications: A-G, A-M, A-U, MRZ, and G-F; and on parcels, regardless of zoning or size, owned by a public entity or public utility located in the PS General Plan classification.
- C. Permitted without a Use Permit. Facilities that are building mounted or totally enclosed within a building shall be permitted in any zone district. Building mounted facilities in a residential or other zone district shall be located or screened so as to prevent any public view or shall be architecturally designed to appear as an integral part of the building on which it is attached. The height is limited to that allowed in the district in which located.
- D. Staff Issued Use Permits. Use permits may be issued by the planning department staff for wireless service facilities which are up to fifty feet in height, provided the application and approval are consistent with subsections F and G of this section. Prior to issuing a permit, the planning department staff shall notify affected property owners (as determined by the planning department staff). If the planning department receives opposition to the permit application within ten calendar days after notifying affected property owners, the permit may be denied. The applicant or any interested person may appeal the planning department decision pursuant to Chapter [19.64](#) of this title within ten calendar days after said decision. Approved use permits shall become valid following the ten-day appeal period if no appeals are filed.
- E. Permitted with an Approved Use Permit. Wireless service facilities more than fifty feet in height and ancillary equipment buildings shall be allowed upon approval of a conditional use permit in the allowed zone districts (listed in subsection B of this section) in accordance with Chapter [19.56](#) (Use Permits) of the Amador County Code.
- F. Application Requirements. The following shall apply to all applications for wireless service facilities:
1. Alternate Site and Network Analysis. As part of a complete application, the applicant shall submit proof that all alternate sites have been explored and analyzed. The method of analysis shall be reviewed by the planning department staff. The applicant shall provide a map and analysis of existing facilities and a report explaining why co-location is not feasible.
 2. Photo Simulations. As part of a complete application, the applicant shall submit relevant colored photo simulations acceptable to the planning department staff of the proposed wireless services facility from all relevant view sheds, roadways and neighboring properties.
 3. RF Requirements. The application for a use permit shall contain a report or summary of the estimates of the non-ionizing radiation generated by the facility. The report shall include estimates of the maximum electric and magnetic field strength at the edge of the facility site, the extent that measurable fields extend in all directions from the facility.
- G. Development Standards.
1. Aesthetic Considerations. Decisions on all use permits shall take into consideration the aesthetic impact of the proposed wireless service facility and shall include conditions of approval to minimize the visual impact of the wireless service facility as seen from roadways and other properties should any adverse effects be noted. Facilities that are judged to adversely affect the visual quality of the county shall be denied. Colors and materials shall blend with existing structures and vegetation.
 2. Screening. Any new support facilities, including ancillary equipment buildings, visible from residential properties or from major arterial streets shall be screened or camouflaged to mitigate adverse visual impacts.
 3. Skyline. Facilities shall not adversely affect public views of skylines or skyline views from other properties. The scale of all facilities shall be consistent with existing structures and vegetation. The height of facilities shall not exceed existing tree lines or buildings along a skyline by more than fifteen feet.
 4. Lighting. No lighting on wireless service facilities shall be allowed. Security lighting may be allowed on ancillary equipment buildings if approved with a conditional use permit. All security lighting shall be shielded from roadways, traffic and other properties.
 5. Setbacks. All wireless service facilities shall have a minimum building setback from all property lines and public road rights-of-way equal to the height of the facility. Setback waivers shall be approved through the conditional use permit process.

6. FAA Recommendations. The recommendations outlined in the FAA Advisory Circular pertaining to the marking of hazards shall be applied by staff in a prudent manner on a case by case basis.
- H. Co-location. A use permit shall be required for all co-located facilities that will extend an existing site or structure by more than ten feet above the originally permitted structure and are subject to the application requirements and development standards of this section.
- I. Other Considerations. Wireless service facilities are subject to all other applicable regulations and permits, including those of the Public Utility Commission (PUC) of the state of California and the Federal Communications Commission (FCC). A building permit is required for all wireless service facilities and ancillary equipment buildings.
- J. Abandoned Wireless Facilities. All wireless service facilities (referred to as "facilities") and equipment that are not used for a period of six months shall be removed from the site and the site cleared of any debris by the permittee within ninety days after notice from the county. If the permittee has not done so within such ninety-day period, the county may effect the removal using the bond described in subsection K of this section.
- K. Security. At the time any permittee obtains a permit for a wireless service facility or other equipment, the permittee shall provide a performance bond in the amount of one hundred percent of the county's estimated cost for removal of the facility and other equipment, including administrative costs. Said amounts may be revised by the county. The bond shall be utilized by the county in the event that the permittee fails to remove the facility and/or other equipment. If the cost of removal thereof exceeds the bond amount, the landowner, if a different person or entity from the permittee, shall remove the remaining portions of the facility and/or other equipment at the landowner's expense or pay to the county the costs necessary to complete the removal.
- L. Definitions. As used in this section, the following terms shall have the meaning indicated:
1. Wireless Service Facility. This term shall refer to all facilities providing wireless service, such as towers, lattice towers, guy-wired towers, poles, monopoles, rods, antennas, panel antennas, whip antennas, cellular communication systems, microwave dishes, equipment shelters, reflecting discs or similar devices used for the transmission and/or reception of electromagnetic waves.
 2. Height. "Height" shall mean, when referring to a tower (as part of a wireless service facility) or other structure, the distance measured from the ground level to the highest point on the facility or other structure which is greater than two inches in diameter.
 3. Radio Frequency (RF). The portion of the electromagnetic spectrum between the audio-frequency portion and the infrared portion. (Ord. 1698 §3, 2010: Ord. 1548 §4, 2002).

AMADOR FIRE PROTECTION DISTRICT

810 Court Street, Jackson California 95642-2132 (209) 223-6391

Memorandum



To: Chuck Beatty, Planning Department

CC: Chief Bellerive

From: Earl Curtis, Fire Prevention Officer

Date: May 5, 2015

Re: TAC meeting for Epic Wireless 20000 State Highway 88, Pine Grove

Applicant not present.

The Fire District approves the application for the extension of the antenna tower and adjacent auxiliary generator. The generator shall be installed and maintained in accordance with sections 603 and 604 of the California Fire Code. No fire district permit required for this use permit. If a structure is to be added plans shall be submitted for review.




**PLANNING DEPARTMENT
LAND USE AGENCY**

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County Administration Center
810 Court Street ▪ Jackson, CA 95642-2132
Telephone: (209) 223-6380
Website: www.co.amador.ca.us
E-mail: planning@amadorgov.org

APPLICATION REFERRAL

TO: Mike Israel, Environmental Health Department
Jered Reinking, Department of Transportation and Public Works
Rich Millar, Building Department
David Bellerive, Amador Fire Protection District
Jim McHargue, Waste Management/Air District
George Allen, Surveying & Engineering
Greg Gillott, County Counsel
Jim Wegner, Undersheriff
Carla Meyer, Amador Transit
Carl Baker, Caltrans District 10
Darin McFarlin, Cal Fire
John Gedney, Amador County Transportation Commission
California Department of Fish & Wildlife, Region 2

DATE: April 23, 2015

FROM:  Chuck Beatty, Planning Department

PROJECT: Request by Verizon Wireless for a Use Permit to add a 20-foot extension to the existing 41-foot tall lattice communication tower at Volcano Communications in Pine Grove.

LOCATION: 20000 Highway 88, approximately 400 feet west of the intersection with Pine Grove – Volcano Road (APN 030-200-076).

REVIEW: As part of the review process, this project is being sent to County staff as well as State and local agencies for their review and comment. The **Amador County Technical Advisory Committee (TAC)** will meet on **Monday, May 4, 2015** at 10:00 a.m. in Conference Room “A” at the County Administration Building, 810 Court Street, Jackson, CA, to review the project for completeness and prepare recommendations for the Amador Planning Commission.

At this time staff anticipates a Categorical Exclusion will be recommended to be the appropriate environmental document for this project and a “Notice of Exemption” will be filed.



8700 Auburn Folsom Road, Suite 400
Granite Bay, CA 95746
(916) 834-0834

March 23, 2015

Amador County
County of Administration Center
810 Court St.
Jackson, CA 95642

Re: Application for a Use Permit
20000 State Hwy 88, Pine Grove, CA 95665
APN: # 030-200-076

Project Justification

Verizon Wireless recently purchased Golden State Cellular. Verizon is in the process of upgrading all of the newly acquired sites to improve coverage and to begin offering LTE services to our customers in the area. We are very excited about these upgrades as are the customers who will be able to begin enjoying the improved coverage. Verizon currently has equipment installed on a 41' lattice tower located at 20000 State Hwy 88 in Pine Grove which is owned by Volcano Communications. We are proposing an upgrade of this site to increase the footprint of the coverage as well as to accommodate the required equipment to offer LTE services.

Requested Entitlement and Project Description

Verizon respectfully requests approval of a Use Permit for the installation of a 20' lattice tower extension. This extension will increase the total height of the tower to 61'. Verizon will install 12 panel antennas on the proposed extension. They will also be installing a diesel generator on a concrete slab extension. The lease area will be fenced.

Summary

Verizon has used existing structures whenever possible in designing their network. This proposal to upgrade our existing site will dramatically improve coverage in the area of this site by increasing the coverage area as well as allowing for Verizon to begin offering LTE services.

We respectfully request approval for this upgrade.

Sincerely,

Karen Lienert

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APPLICATION PROCEDURE FOR USE PERMIT PLANNING DEPARTMENT

A Public Hearing before the Planning Commission will be scheduled after the following information has been completed and submitted to the Planning Department Office:

X 1. Complete the following:

Name of Applicant Verizon Wireless – Karen Lienert for Epic Wireless

Mailing Address 8700 Auburn Folsom Road, #400, Granite Bay, Ca 95746

Phone Number (916) 834-0834

Assessor Parcel Number 030-200-076

Zoning District C2 General Plan Designation C

X 2. Use Permit Applied For:

- X Excessive Height
- Sea Land Container
- ** Bed and Breakfast Inn
- ** Sign Program
- ** X Other Extend height of existing lattice telecom tower

- X 3. Attach a letter explaining the purpose and need for the Use Permit.
- X 4. If Applicant is not the property owner, a consent letter must be attached.
- X 5. Attach a copy of the deed for the property (can be obtained from the County Recorder's Office).
- X 6. Assessor Plat Map (can be obtained from the County Surveyor's Office).
- X 7. Plot Plan (no larger than 11" X 17") of parcel showing location of request in relation to property lines, road easements, other structures, etc. (see Plot Plan Guidelines). Larger map(s) or plans may be submitted if a photo reduction is provided for notices, Staff Reports, etc. The need is for easy, mass reproduction.
- X 8. Planning Department Filing Fee: \$ 575.00 pd CNB
- X Public Works Agency Review Fee: \$ 500.00 pd #7488 Rep. Initials pm
- X Environmental Health Review Fee: \$ 192.00 pd Rep. Initials ew
- X Amador Fire Protection District Fee: \$ 0 Rep. Initials
- X 9. If necessary, complete an Environmental Information Form (ask Planning Department Staff).

**** Public Works Agency, Environmental Health Department, and Amador Fire Protection Fees apply.**

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ENVIRONMENTAL INFORMATION FORM

To be completed by applicant; use additional sheets as necessary.
Attach plans, diagrams, etc. as appropriate.

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GENERAL INFORMATION

Project Name: Verizon Wireless "Pine Grove" Modification

Date Filed: _____ File No. _____

Applicant/

Developer Verizon Wireless Landowner Volcano Telephone Co

Address 255 Parkshore Drive, Folsom, CA 95630 Address PO Box 1070, Pine Grove, CA 95665

Phone No. 916-834-0834 Phone No. 209-296-1427

Assessor Parcel Number(s) 030-200-076

Existing Zoning District C2

Existing General Plan C

List and describe any other related permits and other public approvals required for this project, including those required by city, regional, state, and federal agencies Building permit, FCC, CPUC

WRITTEN PROJECT DESCRIPTION (Include the following information where applicable, as well as any other pertinent information to describe the proposed project):

1. Site Size
2. Square Footage of Existing/Proposed Structures
3. Number of Floors of Construction
4. Amount of Off-street Parking Provided (provide accurate detailed parking plan)
5. Source of Water
6. Method of Sewage Disposal
7. Attach Plans
8. Proposed Scheduling of Project Construction
9. If project to be developed in phases, describe anticipated incremental development.
10. Associated Projects
11. Subdivision/Land Division Projects: Tentative map will be sufficient unless you feel additional information is needed or the County requests further details.
12. Residential Projects: Include the number of units, schedule of unit sizes, range of sale prices or rents and type of household size expected.
13. Commercial Projects: Indicate the type of business, number of employees, whether neighborhood, city or regionally oriented, square footage of sales area, and loading facilities.
14. Industrial Projects: Indicate type, estimated employment per shift, and loading facilities.
15. Institutional Projects: Indicate the major function, estimated employment per shift, estimated occupancy, loading facilities, and community benefits to be derived from the project.
16. If the project involves a variance, conditional use permit, or rezoning application, state this and indicate clearly why the application is required.

ADDITIONAL INFORMATION Are the following items applicable to the project or its effects? Discuss below all items checked "yes" (attach additional sheets as necessary).

YES NO

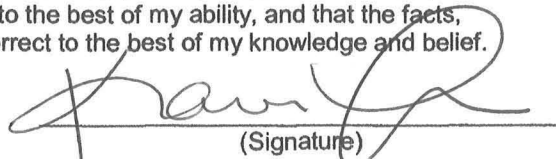
- 17. Change in existing features or any lakes or hills, or substantial alteration of ground contours.
- 18. Change in scenic views or vistas from existing residential areas, public lands, or roads.
- 19. Change in pattern, scale, or character of general area of project.
- 20. Significant amounts of solid waste or litter.
- 21. Change in dust, ash, smoke, fumes, or odors in the vicinity.
- 22. Change in lake, stream, or ground water quality or quantity, or alteration of existing drainage patterns.
- 23. Substantial change in existing noise or vibration levels in the vicinity.
- 24. Site on filled land or has slopes of 10 percent or more.
- 25. Use or disposal of potentially hazardous materials, such as toxic substances, flammables, or explosives.
- 26. Substantial change in demand for municipal services (police, fire, water, sewage, etc.).
- 27. Substantially increase fossil fuel consumption (electricity, oil, natural gas, etc.).
- 28. Does this project have a relationship to a larger project or series of projects?

ENVIRONMENTAL SETTING

- 29. Describe the project site as it exists before the project, including information on topography, soil stability, plants and animals, and any cultural, historical or scenic aspects. Describe any existing structures on the site, and the use of the structures. Attach photographs of the site (cannot be returned).
- 30. Describe the surrounding properties, including information on plants and animals and any cultural, historical, or scenic aspects. Indicate the type of land use (residential, commercial, etc.), intensity of land use (one family, apartment houses, shops, department stores, etc.), and scale of development (height, frontage, setback, rear yard, etc.). Attach photographs of the vicinity (cannot be returned).
- 31. Describe any known mine shafts, tunnels, air shafts, open hazardous excavations, etc. Attach photographs of any of these known features (cannot be returned).

Certification: I hereby certify that the statements furnished above and in the attached exhibits present the data and information required for this initial evaluation to the best of my ability, and that the facts, statements, and information presented are true and correct to the best of my knowledge and belief.

Date _____



 (Signature)
 For Karen Lienert, Epic Wireless

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WATERFORD
COMPLIANCE...FROM START TO SIGNAL

Radio Frequency Emissions Compliance Report For Verizon Wireless

Site Name:	Pine Grove	Site Structure Type:	Lattice Tower
Address:	20000 State Highway 88	Latitude:	38.4121
	Pine Grove, CA 95665	Longitude:	-120.6567
Report Date:	March 20, 2015	Project:	New Build

General Summary

Verizon Wireless has contracted Waterford Consultants, LLC to conduct a Radio Frequency Electromagnetic Compliance assessment of the proposed Pine Grove site located at 20000 State Highway 88, Pine Grove, California. This report contains information about the radio telecommunications equipment to be installed at this site and the surrounding environment with regard to RF Hazard compliance. This assessment is based on installation designs, observational data collected on site and operational parameters provided by Verizon Wireless.

The compliance framework is derived from the Federal Communications Commission (FCC) Rules and Regulations for preventing human exposure in excess of the applicable Maximum Permissible Exposure (“MPE”) limits. At any location at this site, the power density resulting from each transmitter may be expressed as a percentage of the frequency-specific limits and added to determine if 100% of the exposure limit has been exceeded. The FCC Rules define two tiers of permissible exposure differentiated by the situation in which the exposure takes place and/or the status of the individuals who are subject to exposure. General Population / Uncontrolled exposure limits apply to those situations in which persons may not be aware of the presence of electromagnetic energy, where exposure is not employment-related, or where persons cannot exercise control over their exposure. Occupational / Controlled exposure limits apply to situations in which persons are exposed as a consequence of their employment, have been made fully aware of the potential for exposure, and can exercise control over their exposure.

Frequency (MHz)	Limits for General Population/ Uncontrolled Exposure		Limits for Occupational/ Controlled Exposure	
	Power Density (mW/cm ²)	Averaging Time (minutes)	Power Density (mW/cm ²)	Averaging Time (minutes)
30-300	0.2	30	1	6
300-1500	f/1500	30	f/300	6
1500-100,000	1	30	5	6

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In situations where the predicted MPE exceeds the General Population threshold in an accessible area as a result of emissions from multiple transmitters, FCC licensees that contribute greater than 5% of the aggregate MPE share responsibility for mitigation.

Based on the computational guidelines set forth in FCC OET Bulletin 65, Waterford Consultants, LLC has developed software to predict the overall Maximum Permissible Exposure possible at any particular location given the spatial orientation and operating parameters of multiple RF sources. These theoretical results represent worst-case predictions as emitters are assumed to be operating at 100% duty cycle.

For any area in excess of 100% General Population MPE, access controls with appropriate RF alerting signage must be put in place and maintained to restrict access to authorized personnel. Signage must be posted to be visible upon approach from any direction to provide notification of potential conditions within these areas. Subject to other site security requirements, occupational personnel should be trained in RF safety and equipped with personal protective equipment (e.g. RF personal monitor) designed for safe work in the vicinity of RF emitters. Controls such as physical barriers to entry imposed by locked doors, hatches and ladders or other access control mechanisms may be supplemented by alarms that alert the individual and notify site management of a breach in access control. Waterford Consultants, LLC recommends that any work activity in these designated areas or in front of any transmitting antennas be coordinated with all wireless tenants.

Analysis

Waterford Consultants, LLC field personnel visited the site on March 5, 2015, during business hours and collected data with regard to the RF environment. All accessible areas of the site were inspected. Measurement collection was performed using Narda Radiation meter NBM 550 and broadband probe EA-5091 (300 kHz to 50 GHz) and was consistent with FCC and Narda procedures, regarding the location of the probe to the RF source and making slow sweeping motions over the area that a person would occupy. Power density values were recorded as a percentage of the FCC Occupational limits. The maximum power density reading at ground level was 0.0000% of the FCC Occupational limits.

Verizon Wireless proposes to install twelve (12) panel-type antennas oriented toward 0, 120 and 240 degrees with centerlines at 60 feet above ground level. These antennas will be mounted on an existing 61-foot lattice tower. From this site, Verizon Wireless will provide voice and data services to the surrounding community in licensed 750, 850, 1900 and 2100 MHz bands. The Effective Radiated Power (ERP) in any direction will not exceed 16,166 Watts. Omnidirectional and microwave antennas have been mounted on the lattice tower by other operators. The ERP for equipment controlled by other operators is not known. However, the contributions to existing RF levels at this site by these operators are represented in the survey results.

Power density decreases significantly with distance from any antenna. The panel-type antennas to be employed at this site are highly directional by design and the orientation in azimuth and mounting elevation, as documented, serve to reduce the potential to exceed MPE limits at any location other than directly in front of the antennas. For accessible areas at the ground level, the maximum predicted power density level resulting from all Verizon Wireless operations is 1.65%

Pine Grove - New Build 032015

of the FCC General Population limits. The nearest residence, depicted in Figure 1, is located approximately 120 feet north of the existing antenna support structure. At this location, the maximum predicted power density level resulting from all operations is 0.001% of the FCC General Population limits. Based on predicted modeling of all operations, Verizon Wireless will not contribute more than 5% MPE to existing power density levels at ground or at residences near this location.

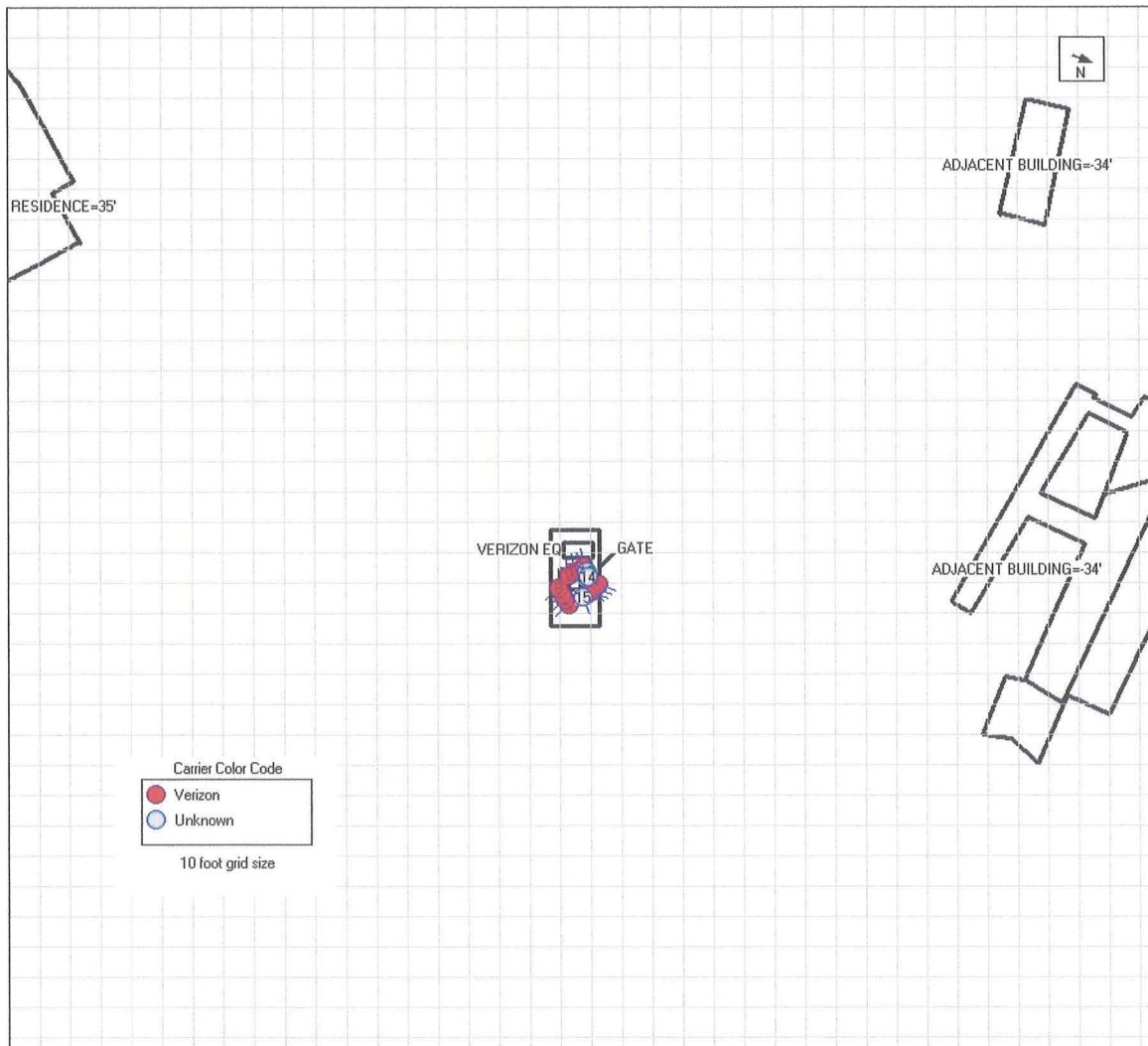


Figure 1: Antenna Locations and Mitigation Recommendations

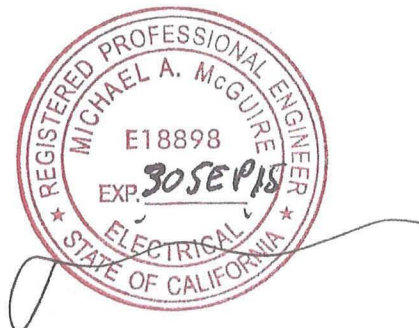
Pine Grove - New Build 032015

Compliance Statement

Based on information provided by Verizon Wireless, data collected during the site visit, predictive modeling and the mitigation action documented herein, the installation proposed by Verizon Wireless at 20000 State Highway 88, Pine Grove, California will be compliant with Radiofrequency Radiation Exposure Limits of 47 C.F.R. § § 1.1307(b)(3) and 1.1310.

Certification

I, the undersigned, am the reviewer and approver of this report and am fully aware of and familiar with the Rules and Regulations of both the Federal Communications Commissions (FCC) and the Occupational Safety and Health Administration (OSHA) with regard to Human Exposure to Radio Frequency Radiation, specifically in accordance with FCC's OET Bulletin 65. I have reviewed this Radio Frequency Exposure Assessment report and believe it to be both true and accurate to the best of my knowledge.



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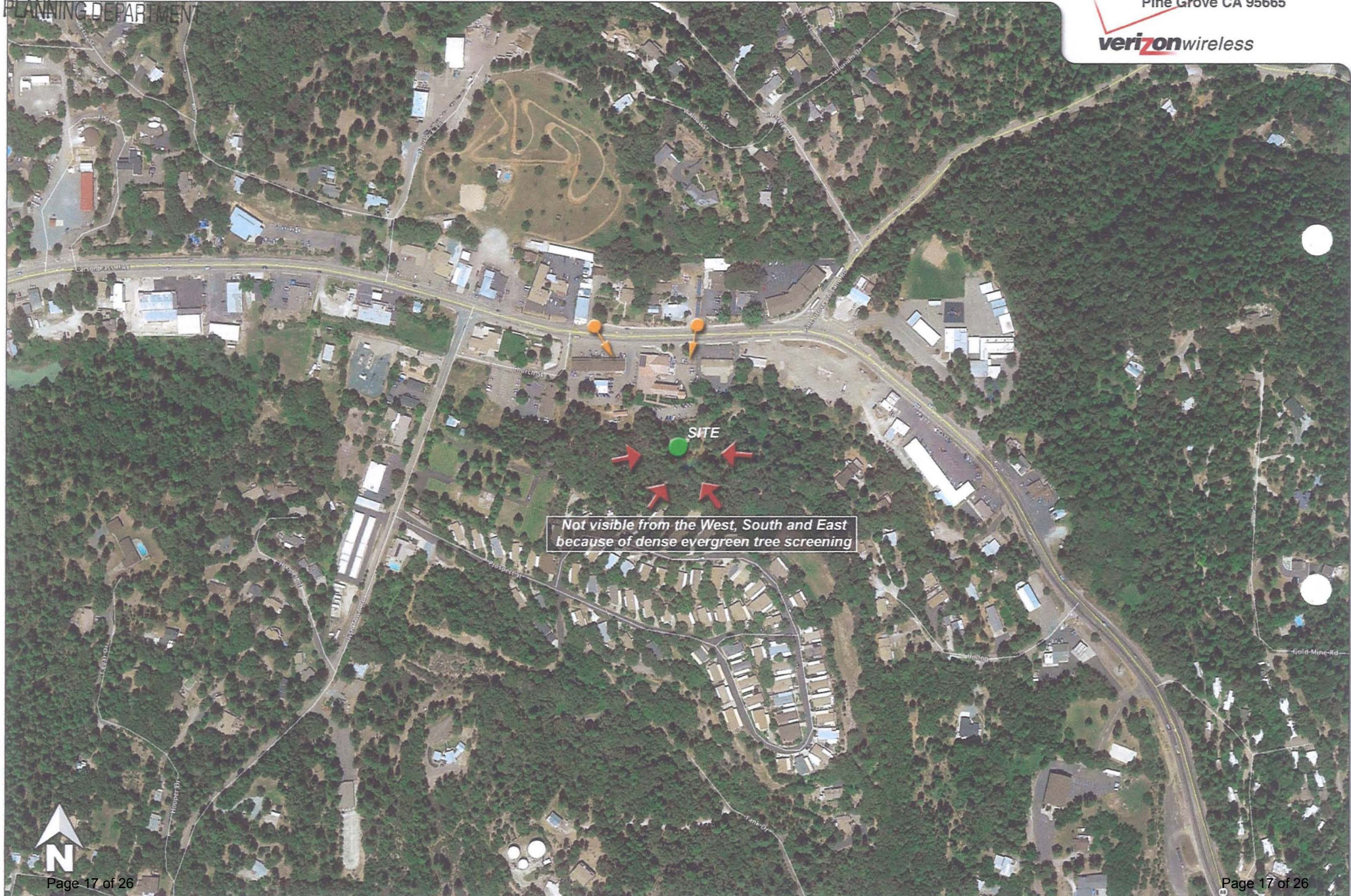
Aerial photograph showing the viewpoints for the photosimulations.

Pine Grove

20000 State Highway 88
Pine Grove CA 95665

verizonwireless

PLANNING DEPARTMENT



Not visible from the West, South and East
because of dense evergreen tree screening





Existing

Photomontage of the view looking south from directly across Hwy 88, Carson Pass Hwy.

Pine Grove

20000 State Hwy 88
Pine Grove CA 95665



Proposed Verizon antennas on 20 ft extension

Proposed

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Existing

Photosimulation of the view looking southeast from across Hwy 88, Carson Pass Hwy.

Pine Grove

20000 State Hwy 88
Pine Grove CA 95665



Proposed Verizon antennas on 20 ft extension

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Proposed

PLANNING DEPARTMENT

LETTER OF AUTHORIZATION

TO: Amador County

RE: APPLICATION FOR ZONING AND BUILDING PERMITS

Volcano Telephone, as owners of the below-described property, do hereby appoint Verizon Wireless and its employees, agents and contractors, as agent for the purpose of consummating any application and obtaining any and all governmental permits and approvals to construct, maintain and operate mobile/wireless communications facilities on the below-described property. The undersigned understand that the application may be denied, modified or approved with conditions and that such conditions or modifications must be complied with prior to issuance of permits or approvals.

Address: 20000 State Highway 88, Pine Grove, CA

Assessor's Parcel Number: 030-200-076

Signature of Property Owners:

By: _____

Name: _____

Date: _____

[Handwritten signature]

JOHN M. LUNDGREN

1-21-14

RECEIVED
Amador County

APR - 2 2015

PLANNING DEPARTMENT

POR. SE 1/4, SEC. 33, T.7N., R.12E., M.D.B. & M.

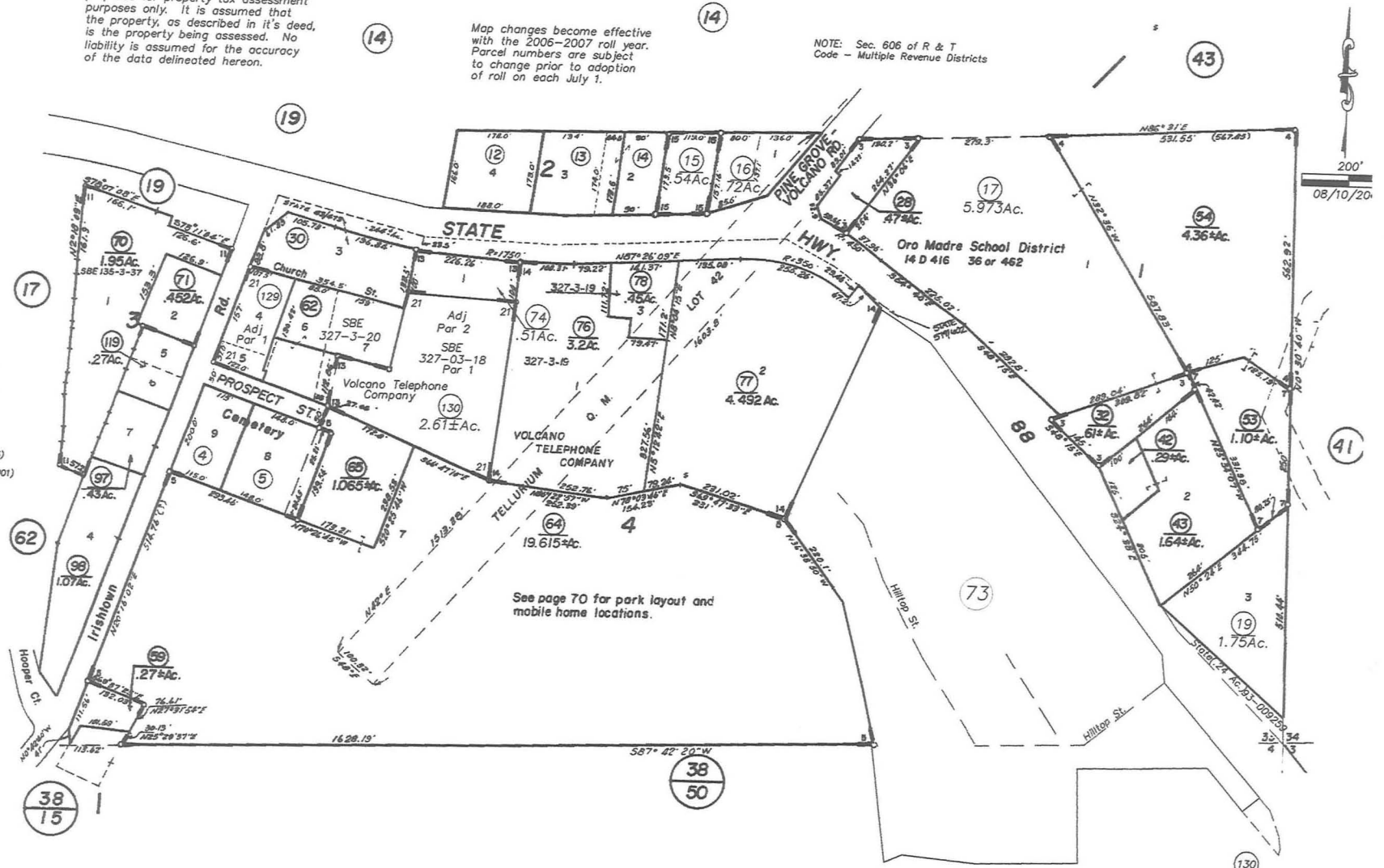
30-20

IMPORTANT NOTE: This map was prepared for property tax assessment purposes only. It is assumed that the property, as described in it's deed, is the property being assessed. No liability is assumed for the accuracy of the data delineated hereon.

Map changes become effective with the 2006-2007 roll year. Parcel numbers are subject to change prior to adoption of roll on each July 1.

NOTE: Sec. 606 of R & T Code - Multiple Revenue Districts

- Pine Grove Townsite
- 1- R.M. Bk. 8, Pg. 70
- 1- R.M. Bk. 9, Pg. 39
- 5- R.M. Bk. 11, Pg. 31
- 7- R.M. Bk. 21, Pg. 23
- R.M. Bk. 31, Pg. 99
- 11- R.M. Bk. 27, Pg. 52
- 12- P.M. Bk. 28, Pg. 36
- 13- P.M. Bk. 28, Pg. 64
- 14- P.M. Bk. 31, Pg. 39
- R.M. Bk. 38, Pg. 72
- R.M. Bk. 38, Pg. 37 B.L.Adj
- R.M. Bk. 34, Pg. 81 B.L.Adj
- R.M. Bk. 34, Pg. 89
- R.M. Bk. 35, Pg. 22 B.L.Adj
- 15- R.M. Bk. 39, Pg. 77
- R.M. Bk. 49, Pg. 43 (11/7/95)
- 21- R.M. Bk. 53, Pg. 88 (3/29/2001)



Assessor's Map Bk.30, Pg.20
County of Amador, Calif.

(P) GENERAL NOTES

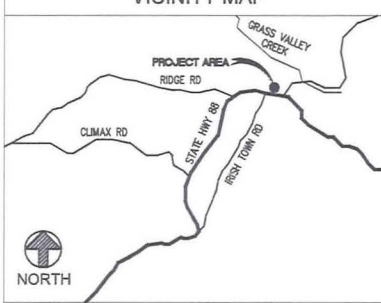
- THE CONTRACTOR SHALL NOTIFY VERIZON WIRELESS (WHERE REQUIRED) OF ANY ERRORS, OMISSIONS, OR INCONSISTENCIES AS THEY MAY BE DISCOVERED IN PLANS, DOCUMENTS, NOTES, OR SPECIFICATIONS PRIOR TO STARTING CONSTRUCTION INCLUDING, BUT NOT LIMITED BY, SEQUENCING. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CORRECTING ANY ERROR, OMISSION, OR INCONSISTENCY AFTER THE START OF CONSTRUCTION WHICH HAS NOT BEEN BROUGHT TO THE ATTENTION OF VERIZON WIRELESS (WHERE REQUIRED) AND SHALL INCUR ANY EXPENSES TO RECTIFY THE SITUATION. THE MEANS OF CORRECTING ANY ERROR SHALL FIRST BE APPROVED BY VERIZON WIRELESS (WHERE REQUIRED).
- THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS PRIOR TO THE START OF ANY WORK. DISCREPANCIES WILL BE REPORTED IMMEDIATELY TO VERIZON WIRELESS (WHERE REQUIRED). THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL WORK AND MATERIALS INCLUDING THOSE FURNISHED BY THE SUBCONTRACTORS).
- A COPY OF GOVERNING AGENCY APPROVED PLANS SHALL BE KEPT IN A PLACE SPECIFIED BY THE GOVERNING AGENCY, AND BY LAW, SHALL BE AVAILABLE FOR INSPECTION AT ALL TIMES. THE PLANS ARE NOT TO BE USED BY THE WORKMEN. ALL CONSTRUCTION SETS SHALL REFLECT THE SAME INFORMATION AS GOVERNING AGENCY APPROVED PLANS. THE CONTRACTOR SHALL ALSO MAINTAIN ONE SET OF PLANS, IN GOOD CONDITION, COMPLETE WITH ALL REVISIONS, ADDITIONS, AND CHANGE ORDERS ON THE PREMISES AT ALL TIMES UNDER THE DIRECT CARE OF THE SUPERINTENDENT. THE CONTRACTOR SHALL SUPPLY VERIZON WIRELESS (WHERE REQUIRED) WITH A COPY OF ALL REVISIONS, ADDITIONS, AND/OR CHANGE ORDERS AT THE CONCLUSION OF THE WORK AS A PART OF THE AS-BUILT DRAWING RECORDS.
- THE CONTRACTOR SHALL STUDY THE STRUCTURAL, ELECTRICAL, MECHANICAL, AND PLUMBING PLANS AND CROSS CHECK THEIR DETAILS, NOTES, DIMENSIONS, AND ALL REQUIREMENTS PRIOR TO THE START OF ANY WORK.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE COMPLETE SECURITY OF THE PROJECT AND SITE WHILE THE WORK IS IN PROGRESS UNTIL THE JOB IS COMPLETE.
- THE CONTRACTOR HAS THE RESPONSIBILITY OF LOCATING ALL EXISTING UTILITIES WHETHER OR NOT SHOWN ON THE PLANS, AND TO PROTECT THEM FROM DAMAGE. THE CONTRACTOR, OR SUBCONTRACTOR AS SPECIFIED IN THE AGREEMENT BETWEEN SUBCONTRACTOR AND CONTRACTOR, SHALL BEAR THE EXPENSES OF REPAIR AND/OR REPLACEMENT OF UTILITIES OR OTHER PROPERTY DAMAGE BY OPERATIONS IN CONJUNCTION WITH THE EXECUTION OF THE WORK.
- THE REFERENCES ON THE DRAWINGS ARE FOR CONVENIENCE ONLY AND SHALL NOT LIMIT THE APPLICATION OF ANY DRAWING OR DETAIL.
- ALL CONSTRUCTION THROUGHOUT THE PROJECT SHALL CONFORM TO TITLE 24 OF THE CALIFORNIA CODE OF REGULATIONS, EXCEPT WHERE EXEMPTED.
- ALL GLASS AND GLAZING IS TO COMPLY WITH CHAPTER 54 OF THE U.S. CONSUMER SAFETY COMMISSION SAFETY STANDARDS FOR ARCHITECTURAL GLAZING MATERIALS (42 CFR 1426, CFR PART 1201) AND LOCAL SECURITY REQUIREMENTS.
- ALL EXISTING CONSTRUCTION EQUIPMENT, AND FINISHES NOT TO BE REMOVED SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND WILL BE REMOVED FROM THE SITE WITH THE FOLLOWING EXCEPTIONS:
 - PROPERTY NOTED TO BE RETURNED TO THE OWNER.
 - PROPERTY NOTED TO BE REPAIRED BY THE OWNER.
- THE GOVERNING AGENCIES, CODE AUTHORITIES, AND BUILDING INSPECTORS SHALL PROVIDE THE MINIMUM STANDARDS FOR CONSTRUCTION TECHNIQUES, MATERIALS, AND FINISHES USED THROUGHOUT THE PROJECT. TRADE STANDARDS AND/OR PUBLISHED MANUFACTURERS SPECIFICATIONS MEETING OR EXCEEDING DESIGN REQUIREMENTS SHALL BE USED FOR INSTALLATION.
- WHEN REQUIRED STORAGE OF MATERIALS OCCURS, THEY SHALL BE EVENLY DISTRIBUTED OVER ROUGH FRAMED FLOORS OR ROOFS SO AS NOT TO EXCEED THE DESIGN OR PUBLISHED MANUFACTURERS SPECIFICATIONS MEETING OR EXCEEDING DESIGN REQUIREMENTS. SHORING AND/OR BRACING IS TO BE PROVIDED WHERE THE STRUCTURE HAS NOT ATTAINED THE DESIGN STRENGTH FOR THE CONDITIONS PRESENT.
- DRAWINGS ARE NOT TO BE SCALED UNDER ANY CIRCUMSTANCE. VERIZON WIRELESS (WHERE REQUIRED) IS NOT RESPONSIBLE FOR ANY ERRORS RESULTING FROM THIS PRACTICE. WRITTEN DIMENSIONS TAKE PRECEDENCE OVER SCALE SHOWN ON PLANS.
- PRIOR TO THE POURING OF ANY NEW SLAB OVER AN EXISTING SLAB THE CONTRACTOR SHALL VERIFY LOCATIONS OF ALL OPENINGS, CHASES, AND EQUIPMENT WHICH ARE TO BE IMPLEMENTED INTO THE NEW WORK. ALL ITEMS DESIGNATED TO BE ABANDONED SHALL BE NOTED AND DISCUSSED WITH THE OWNER AND VERIZON WIRELESS (WHERE REQUIRED) AS PART OF THE AS-BUILT DRAWING PACKAGE.
- BUILDING INSPECTORS AND/OR OTHER BUILDING OFFICIALS ARE TO BE NOTIFIED PRIOR TO ANY DRIVING, CONSTRUCTION, AND ANY OTHER PROJECT EFFORT AS MANDATED BY THE GOVERNING AGENCY.
- OWNER, CONTRACTOR, AND VERIZON WIRELESS (WHERE REQUIRED) SHALL MEET ANNUALLY TO VERIFY ALL DRAWINGS AND SPECIFICATIONS PRIOR TO THE START OF CONSTRUCTION.
- THE PROJECT, WHEN COMPLETED, SHALL COMPLY WITH LOCAL SECURITY CODES AND TITLE-24 ENERGY CONSERVATION REQUIREMENTS, (TITLE-24 WHEN APPLICABLE)
- NEW CONSTRUCTION ADDED TO EXISTING CONSTRUCTION SHALL MATCH IN FORM, TEXTURE, FINISH, AND IN MATERIALS EXCEPT AS NOTED IN THE PLANS AND SPECIFICATIONS.
- CONTRACTOR TO REPLACE AND/OR REROUTE ANY EXISTING UNDERGROUND UTILITIES ENCOUNTERED DURING TRENCHING AND GENERAL CONSTRUCTION.
- THE CONTRACTOR SHALL PROVIDE ALL NECESSARY BACKING, BLOCKING, AND/OR SLEEVES REQUIRED FOR THE INSTALLATION OF FITTINGS, MECHANICAL EQUIPMENT, PLUMBING, HVAC/ME, AND FINISH ITEMS TO INSURE A PROPER AND COMPLETE JOB.
- THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING A PROJECT LEVEL, STRAIGHT, AND TRUE ACCORDING TO THE PLANS. THE CONTRACTOR SHALL COMPARE THE LINES AND LEVELS OF THE EXISTING CONDITIONS WITH THOSE SHOWN ON THE PLANS PRIOR TO THE START OF ANY CONSTRUCTION. VERIZON WIRELESS (WHERE REQUIRED) SHALL BE NOTIFIED OF ANY ERRORS, OMISSIONS, OR INCONSISTENCIES PRIOR TO ANY CONSTRUCTION.
- THE CONTRACTOR IS TO PROVIDE PROTECTION FOR ADJOINING PROPERTIES FROM PHYSICAL HARM, NOISE, DUST, DIRT, AND FIRE AS REQUIRED BY THE GOVERNING AGENCIES.
- WHERE SPECIFIED, MATERIALS TESTING SHALL BE TO THE LATEST

811 Call Before You Dig
 CALL 811
 WWW.CALL811.COM
 CONTRACTOR TO CALL NATIONWIDE
 ONE-CALL SYSTEMS AT LEAST 2
 WORKING DAYS PRIOR TO DIGGING.

- STANDARDS AND/OR REVISIONS AVAILABLE AS REQUIRED BY THE GOVERNING AGENCY RESPONSIBLE FOR RECORDING THE RESULTS.
- THE CONTRACTOR IS RESPONSIBLE FOR THE STORAGE OF ALL MATERIALS AND SHALL NOT DO SO ON PUBLIC PROPERTY WITHOUT A PERMIT TO DO SO FROM THE GOVERNING AGENCIES FOR THIS PURPOSE.
- GENERAL NOTES AND STANDARD DETAILS ARE THE MINIMUM REQUIREMENTS TO BE USED IN CONDITIONS WHICH ARE NOT SPECIFICALLY SHOWN OTHERWISE.
- TRADES INVOLVED IN THE PROJECT SHALL BE RESPONSIBLE FOR THEIR OWN CUTTING, FITTING, PATCHING, ETC., SO AS TO BE RECEIVED PROPERLY BY THE WORK OF OTHER TRADES.
- ALL DEBRIS AND REFUSE IS TO BE REMOVED FROM THE PROJECT PREMISES AND SHALL BE LEFT IN A CLEAN (BROOM FINISH) CONDITION AT ALL TIMES BY EACH TRADE AS THEY PERFORM THEIR OWN PORTION OF THE WORK.
- VERIZON WIRELESS (WHERE REQUIRED) DOES NOT GUARANTEE ANY PRODUCTS, FUTURES, AND/OR ANY EQUIPMENT MAINTAINED BY A TRADE OR MANUFACTURER, GUARANTEE OR WARRANTY THAT MAY BE IN EFFECT IS DONE SO THROUGH THE COMPANY OR MANUFACTURER PROVIDING THE PRODUCT, FEATURE, AND/OR EQUIPMENT ONLY; UNLESS SPECIFIC RESPONSIBILITY IS ALSO PROVIDED BY THE CONTRACTOR/SUBCONTRACTOR IN WRITTEN FORM.
- THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR AND SHALL REVEAL ALL FAULTY WORK, AND/OR IMPROPER MATERIALS, DAMAGED GOODS, AND/OR FAULTY WORKMANSHIP FOR ONE (1) YEAR AFTER THE PROJECT IS COMPLETE AND ACCEPTED UNDER THIS CONTRACT, UNLESS NOTED OTHERWISE IN THE CONTRACT BETWEEN THE OWNER AND THE CONTRACTOR. (EXCEPTION THE ROOFING SUBCONTRACTOR SHALL FURNISH A MAINTENANCE AGREEMENT FOR ALL WORK DONE UNDER THE GENERAL CONTRACTOR, TO MAINTAIN THE ROOFING IN A WATERPROOF CONDITION FOR A PERIOD OF TWO (2) YEARS STARTING AFTER THE DATE OF SUBSTANTIAL COMPLETION OF THE PROJECT, UNLESS OTHERWISE WRITTEN IN THE CONTRACT BETWEEN THE OWNER AND THE CONTRACTOR.
- THE CONTRACTOR SHALL PROVIDE ADEQUATE PROTECTION FOR THE SAFETY OF THE OWNER'S EMPLOYEES, WORKMEN, AND ALL TIMES DURING THE CONSTRUCTION OF THE PROJECT.
- THE CONTRACTOR SHALL BE REQUIRED TO PAY FOR ALL NECESSARY FEES AND/OR FEES WITH RESPECT TO THE WORK TO COMPLETE THE PROJECT. BUILDING PERMIT APPLICATIONS SHALL BE FILED BY THE OWNER OR HIS REPRESENTATIVE. CONTRACTOR SHALL OBTAIN PERMIT AND MAKE FINAL PAYMENT FOR SAID DOCUMENT.
- THE ARCHITECT/ENGINEER IN CHARGE SHALL SIGN AND SEAL ALL DRAWINGS AND/OR SPECIFICATIONS.
- FIRE EXTINGUISHER REQUIREMENTS SHALL BE VERIFIED WITH THE LOCAL FIRE MARSHALL.
- VERIZON WIRELESS (WHERE REQUIRED) WILL REVIEW AND APPROVE SHOP DRAWINGS AND SAMPLES FOR CONFORMANCE WITH DESIGN CONCEPT. VERIZON WIRELESS (WHERE REQUIRED) PROJECT APPROVAL OF A SEPARATE ITEM SHALL NOT INCLUDE APPROVAL OF AN ASSEMBLY IN WHICH THE ITEM FUNCTIONS.
- CONTRACTOR TO LOCATE ALL UTILITIES PRIOR TO PLACEMENT OF MONOPOLE FOOTING AND OTHER STRUCTURES TO BE PLACED IN GROUND. SEE GENERAL NOTE #6 ON THIS SHEET.
- SEE CIVIL DRAWINGS FOR ADDITIONAL SITE INFORMATION.
- CONTRACTOR TO PROVIDE TRENCH AS REQUIRED TO INSTALL BOTH ELECTRICAL AND TELEPHONE UNDERGROUND CONDUITS (40 PVC) PER S.C.E. WORKORDER. BACKFILL WITH CLEAN SAND AND COMPACT TO THE SATISFACTION OF THE DISTRICT INSPECTOR. REPLACE FINISH GRADE WITH MATCHING MATERIALS (GRASS, ASPHALT, CONCRETE, ETC.)
- CALL BEFORE YOU DIG. CONTRACTOR IS REQUIRED TO CALL USA NORTH AT 1-800-227-2800 AT LEAST 72 HOURS BEFORE DIGGING.
- CONTRACTOR TO PROVIDE HEAVY STEEL PLATES AT OPEN TRENCHES FOR SAFETY AND TO PROTECT EXISTING GROUND SURFACES FROM HEAVY EQUIPMENT UTILIZED DURING CONSTRUCTION.
- CONTRACTOR TO PATCH AND REPAIR ALL GROUND SURFACES WITHIN THE CONSTRUCTION AREA AS NECESSARY TO PROVIDE A UNIFORM SURFACE AND MAINTAIN EXISTING SURFACE DRAINAGE SLOPES.
- CONTRACTOR TO REPLACE LANDSCAPE VEGETATION THAT WAS DAMAGED DUE TO CONSTRUCTION AND TO MODIFY REMAINING PRISTINE LINES TO OPERATING CONDITION, PROVIDING FULL COVERAGE TO IMPACTED AREAS.
- THIS FACILITY IS AN UNOCCUPIED WIRELESS TELECOMMUNICATION FACILITY.

verizon wireless
PINE GROVE
 20000 STATE HWY 88, PINE GROVE, CA 95665

CA3 PROJECT ID: 20141087683
 VICINITY MAP



DIRECTIONS TO SITE FROM VERIZON

- FROM: VERIZON: 255 PARKSHORE DRIVE, FOLSOM, CA 95630
 TO: 20000 STATE HWY 88, PINE GROVE, CA 95665
- TURN LEFT ON PLAZA DR, THEN RIGHT TO STAY ON PLAZA DR
 - TAKE THE 1ST RIGHT TO STAY ON PLAZA DR
 - TAKE THE 1ST LEFT ONTO BLUE SWINE RD
 - TURN RIGHT ONTO PRAIRIE CITY RD
 - MERGE ONTO US-50 E
 - TAKE THE LATROBE RD EXIT
 - SLIGHT RIGHT ONTO LATROBE RD
 - TURN LEFT ONTO CA-16 E
 - SLIGHT RIGHT TOWARD CA-49 S
 - SLIGHT RIGHT ONTO CA-49 S
 - TURN LEFT ONTO RIDGE RD
 - SLIGHT LEFT ONTO CA-88E

PS LOCATION #: 300552
 PROJECT INFORMATION

PROPERTY INFORMATION
 SITE NAME: PINE GROVE
 PS LOCATION #: 300552
 CA3 PROJECT ID: 20141087683
 SITE ADDRESS: 20000 STATE HWY 88, PINE GROVE, CA 95665
 APN: 030-200-076
 COUNTY: AMADOR
 ZONING: N/A
 CURRENT USE: -
 JURISDICTION: AMADOR COUNTY
 CONSTRUCTION TYPE: -
 OCCUPANCY: U (UNMANNED)
 GROUND ELEVATION: 2555.5' AMSL

SITE MANAGER/DESIGN TEAM
 EPIC WIRELESS
 8700 AUBURN FOLSOM ROAD, SUITE 400
 GRANITE BAY, CA 95746
 CONTACT: JOSH JORDAN
 TELEPHONE: (916) 704-0897
 EMAIL: JOSH.JORDAN@EPICWIRELESS.NET

LEASING/ZONING MANAGER
 EPIC WIRELESS
 8700 AUBURN FOLSOM ROAD, SUITE 400
 GRANITE BAY, CA 95746
 CONTACT: KAREN LENCERT
 TELEPHONE: 916-834-0834
 EMAIL: LANDMARKCONSULTING@SBCGLOBAL.NET

PROPERTY/TOWER OWNER
 COMPANY
 ADDRESS: PO BOX 1070
 PINE GROVE, CA 95665

CODE COMPLIANCE

ALL WORK AND MATERIALS SHALL BE PERFORMED AND INSTALLED IN ACCORDANCE WITH THE CURRENT EDITIONS OF THE FOLLOWING CODES AS ADOPTED BY THE LOCAL GOVERNING AUTHORITIES. NOTHING IN THESE PLANS IS TO BE CONSTRUCTED TO PERMIT WORK NOT CONFORMING TO THESE CODES:

- 2013 CALIFORNIA ADMINISTRATIVE CODE, PART 1, TITLE 24 C.C.R.
- 2013 CALIFORNIA BUILDING CODE (CBC), PART 2, TITLE 24 C.C.R. (2012 INTERNATIONAL BUILDING CODE VOLUMES 1-2 AND 2013 CALIFORNIA AMENDMENTS)
- 2013 CALIFORNIA ELECTRICAL CODE (CEC), PART 3, TITLE 24 C.C.R. (2011 NATIONAL ELECTRICAL CODE AND 2013 CALIFORNIA AMENDMENTS)
- 2013 CALIFORNIA MECHANICAL CODE (CMC), PART 4, TITLE 24 C.C.R. (2012 INTERNATIONAL MECHANICAL CODE AND 2013 CALIFORNIA AMENDMENTS)
- 2013 CALIFORNIA PLUMBING CODE (CPC), PART 5, TITLE 24 C.C.R. (2012 UNIFORM PLUMBING CODE AND 2013 CALIFORNIA AMENDMENTS)
- 2013 CALIFORNIA ENERGY CODE (CEC), PART 6, TITLE 24 C.C.R.
- 2013 CALIFORNIA FIRE CODE, PART 9, TITLE 24 C.C.R. (2012 INTERNATIONAL FIRE CODE AND 2013 CALIFORNIA AMENDMENTS)
- 2013 CALIFORNIA GREEN BUILDING STANDARDS CODE, PART 11, TITLE 24 C.C.R.
- 2013 CALIFORNIA REFERENCED STANDARDS, PART 12, TITLE 24 C.C.R.
- ANSI/ISA-TIA-222-G
- ALONG WITH ANY OTHER APPLICABLE LOCAL & STATE LAWS AND REGULATIONS.

DISABLED ACCESS REQUIREMENTS
 THIS FACILITY IS UNMANNED & NOT FOR HUMAN HABITATION. DISABLED ACCESS & REQUIREMENTS ARE NOT REQUIRED IN ACCORDANCE WITH CALIFORNIA STATE BUILDING CODE TITLE 24 PART 2, SECTION 11B-203.4

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 APR - 2 2015
 PLANNING DEPARTMENT

SHEET INDEX

T-1	TITLE SHEET, PROJECT INFORMATION
C-1	SURVEY
A-1	OVERALL SITE PLAN & SITE PLAN
A-2	EQUIPMENT PLAN & ANTENNA PLAN
A-3	ELEVATIONS

PROJECT DESCRIPTION

A MODIFICATION TO AN (E) VERIZON WIRELESS TELECOMMUNICATIONS SITE CONSISTING OF THE FOLLOWING:

ADDING:

- 1 A PROPOSED (P) 195.418 SOFT VERIZON WIRELESS LEASE AREA EXTENSION
- 1 A (P) CONCRETE SLAB EXTENSION
- 1 A (P) 20'-0" LATTICE TOWER EXTENSION
- 12 (P) 8'-0" VERIZON WIRELESS PANEL ANTENNAS
- 4 (P) RAYCAP SURGE SUPPRESSORS, (2) @ THE SHELTER & (2) @ THE ANTENNAS
- 9 (P) RRUS-12 UNITS W/ A2 RECEIVERS (6) (P), TYP OF (2) PER SECTOR & (3) (P), TYP OF (1) PER SECTOR
- 2 (P) HYBRID TRUNKS
- 6 (P) 3/8" COAX CABLES
- 2 (P) GPS ANTENNAS
- 1 A (P) 3' H-FRAME & A (P) 5' H-FRAME FOR A (P) 200AMP METER & A (P) ILC
- 1 A (P) 30kw DIESEL GENERATOR W/ A 132 GALLON TANK
- 1 A (P) 6'-0" TALL CHAIN LINK FENCE W/ BARBED WIRE ATOP

REMOVING:

- ALL 850 ANTENNAS, ASSOCIATED CABLES & MOUNTING DURING FINAL PHASE OF CONSTRUCTION
- THE WEST FACING PORTION OF THE (E) CHAIN LINK FENCE

verizon wireless
 VERIZON WIRELESS, 255 PARKSHORE DRIVE, FOLSOM, CA 95630

PINE GROVE
 CA3 PROJECT ID: 20141087683
 PS LOCATION #: 300552
 20000 STATE HWY 88
 PINE GROVE, CA 95665

EPIC
 WIRELESS GROUP INC.

ATM Engineering
 Tim McPartland, SE
 2525 East Bidwell Street
 Folsom, CA 95630
 Phone: 916-859-7300
 Direct: 916-934-5177
 Email: timm@atmengineering.com

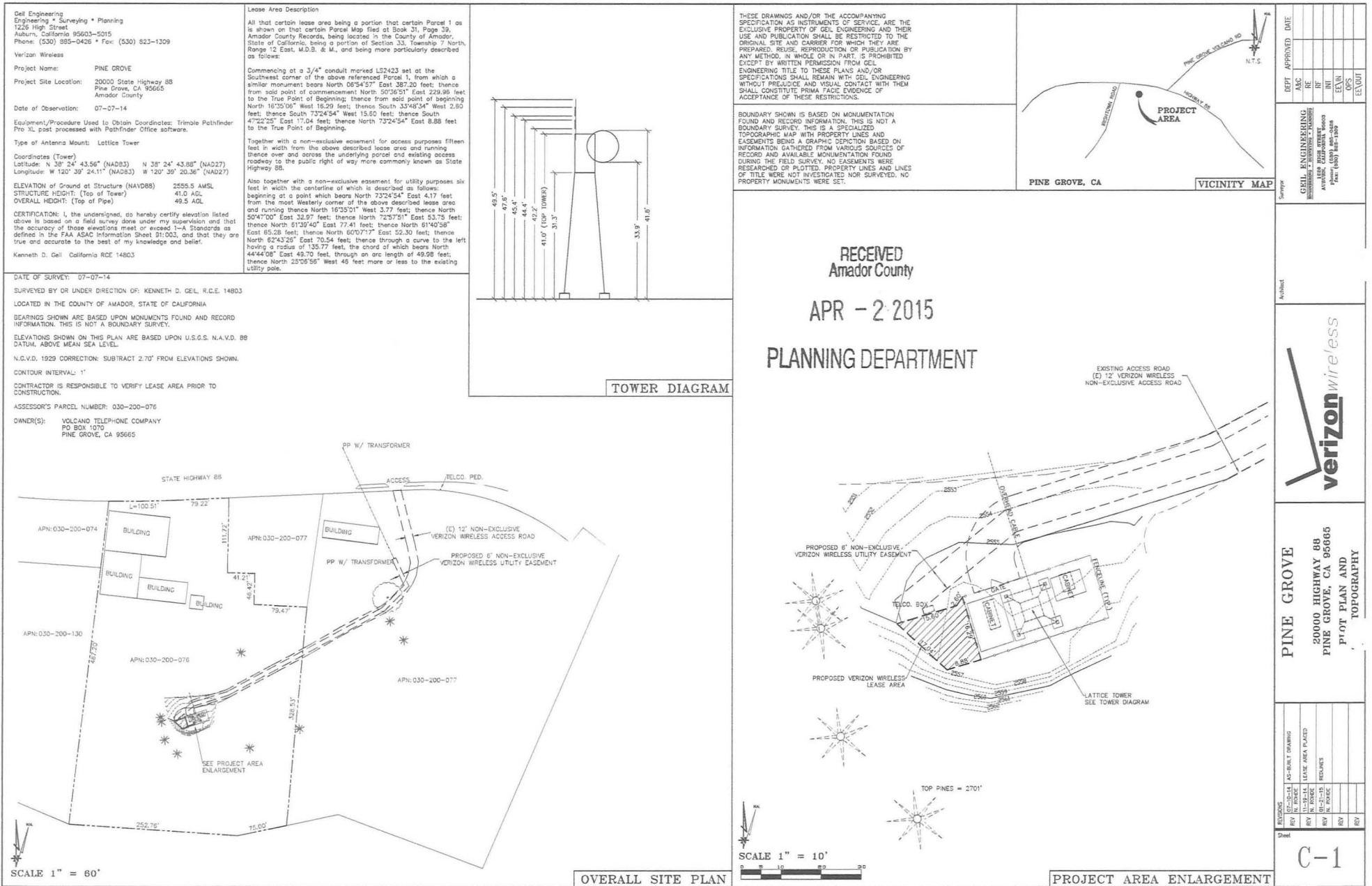
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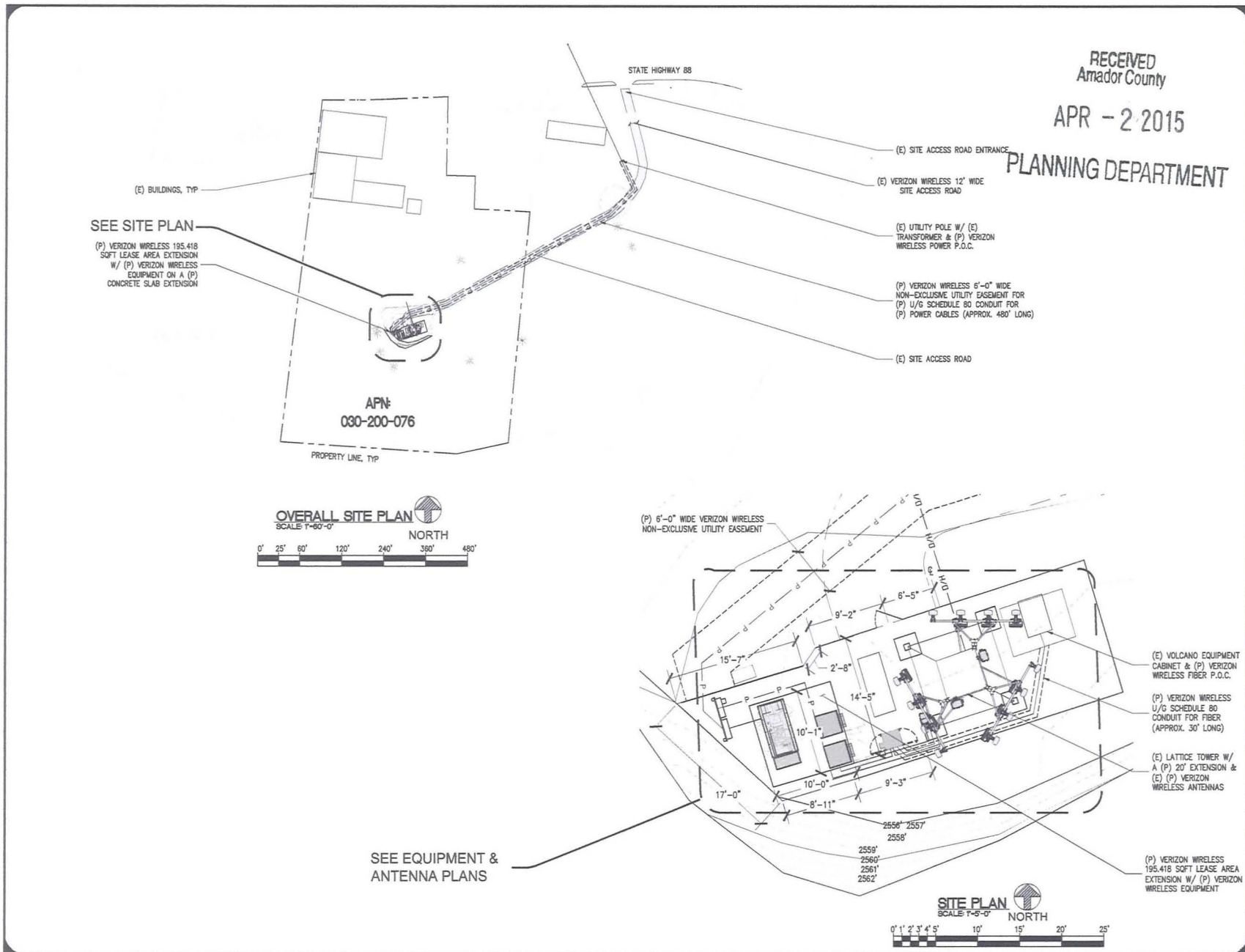
ISSUE STATUS

INT	DATE	DESCRIPTION	REV
AKG	10/27/14	90% 2D'S	0
AKG	11/19/14	95% 2D'S	0
AKG	01/19/15	100% 2D'S	0

SHEET TITLE:
 TITLE SHEET &
 PROJECT INFORMATION

T-1





verizonwireless
VERIZON WIRELESS, 255 PARKSHORE DRIVE, FOLSOM, CA 95630

PINE GROVE
CA3 PROJECT ID: 20141087683
PS LOCATION #: 300552
20000 STATE HWY 88
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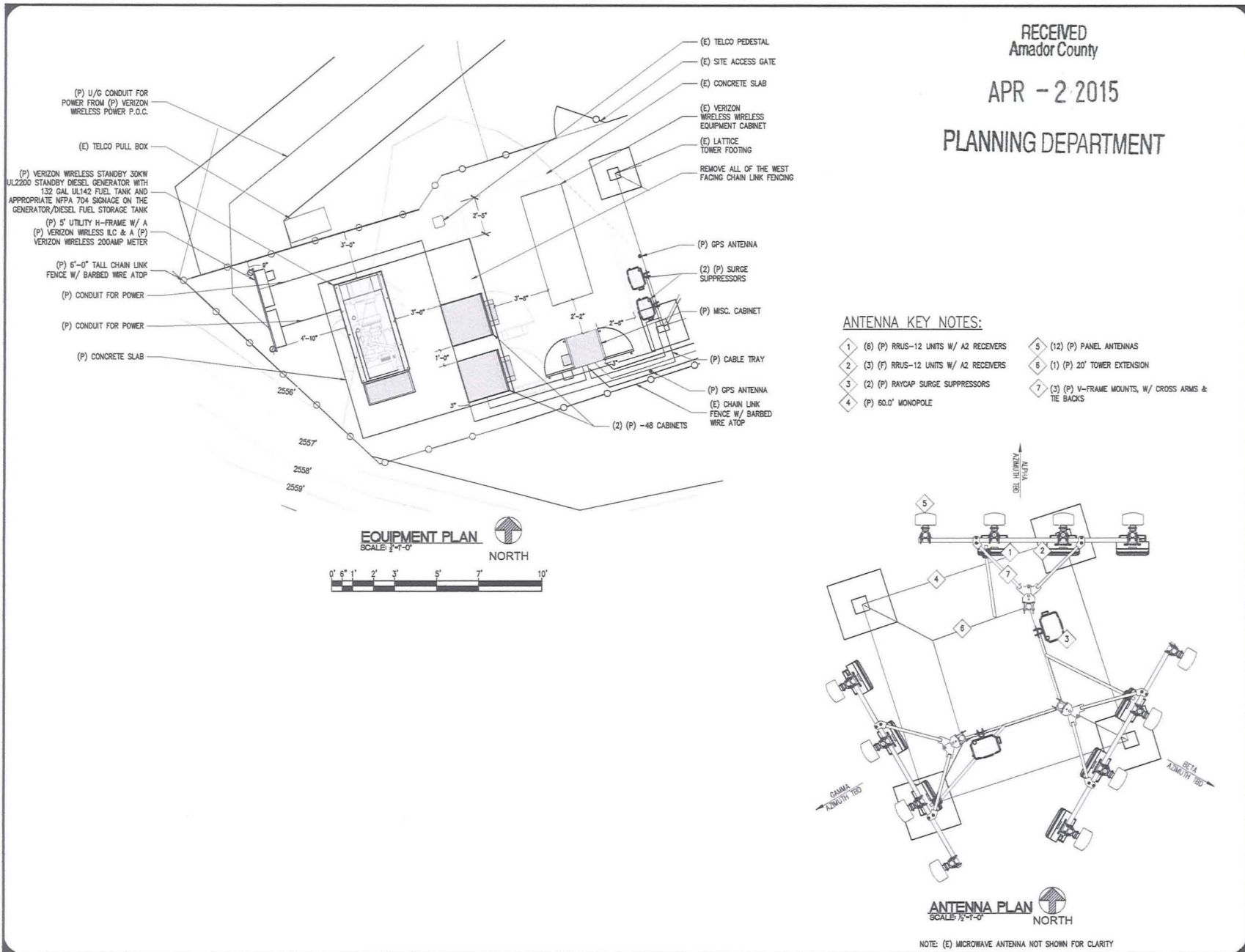
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SHEET TITLE:
OVERALL SITE PLAN
SITE PLAN

A-1



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ANTENNA KEY NOTES:

- 1 (6) (P) RRUS-12 UNITS W/ A2 RECEIVERS
- 2 (3) (F) RRUS-12 UNITS W/ A2 RECEIVERS
- 3 (2) (P) RAYCAP SURGE SUPPRESSORS
- 4 (P) 60.0' MONOPOLE
- 5 (12) (P) PANEL ANTENNAS
- 6 (1) (P) 20' TOWER EXTENSION
- 7 (3) (P) V-FRAME MOUNTS, W/ CROSS ARMS & TIE BACKS

verizonwireless
VERIZON WIRELESS, 255 PARKSHORE DRIVE, FOLSOM, CA 95630

PINE GROVE

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Email: timm@atmengineering.com

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ARG	11/19/14	95% ZD'S	0
ARG	01/19/15	100% ZD'S	0

SHEET TITLE:
EQUIPMENT PLAN & ANTENNA PLAN

A-2

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SHEET TITLE:
ELEVATIONS

A-3

