



## Staff Report to the Zoning Administrator

Application Number: **04-0335**

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**Applicant:** AT&T Wireless - Roger Haas

**Agenda Date:** 10/15/04

**Owner:** Department of Public Works

**Agenda Item #:** 2

**APN:** NO-APN-SPEC

**Time:** After 11:00 a.m.

**Project Description:** Proposal to co-locate a wireless communication facility on an existing utility pole.

**Location:** Project site located on the north side of Soquel Drive approximately **800** feet east of the intersection of Soquel Drive and Rio Del Mar Boulevard.

**Supervisory District:** 2nd District (District Supervisor: Ellen Pirie)

**Permits Required** Commercial Development Permit

### Staff Recommendation:

- Approval of Application 04-0335, based on the attached findings and conditions.
- Certification that the proposal is exempt from further Environmental Review under the California Environmental Quality Act.

### Exhibits

- |                                               |                                   |
|-----------------------------------------------|-----------------------------------|
| A. Project plans                              | F. Zoning & General Plan maps     |
| B. Findings                                   | G. Visual Simulations             |
| C. Conditions                                 | H. Supplemental Application       |
| D. Categorical Exemption (CEQA determination) | information (Including RF report) |
| E. Assessor's parcel map                      | I. Comments & Correspondence      |

### Parcel Information

Parcel Size:	N/A
Existing Land Use - Parcel:	Public right-of-way
Existing Land Use - Surrounding:	Highway One right-of-way, Professional & Administrative Office
Project Access:	Soquel Drive
Planning Area:	Aptos

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Land Use Designation: C-0 (Professional & Administrative Office)  
Zone District: PA (Professional & Administrative Office)  
Within Coastal Zone: ☐ Inside ☒ Outside  
Appealable to Calif. Coastal Comm. ☐ Yes ☒ No

#### Environmental Information

Geologic Hazards: N/A  
Soils: N/A  
Fire Hazard: N/A  
Slopes: N/A  
Env. Sen. Habitat: N/A  
Grading: No grading proposed  
Tree Removal: No trees proposed to be removed  
scenic: Highway One Scenic Corridor - micro cellular installation on existing utility pole, no visual impact anticipated to scenic resources.  
Drainage: N/A  
Archeology: N/A

#### Services Information

Inside Urban/Rural Services Line: ☒ Yes ☐ No  
Water Supply: N/A  
Sewage Disposal: N/A  
Fire District: Aptos/La Selva Fire Protection District  
Drainage District: None

#### Project Setting

The proposed wireless communications facility will be located on ~~an~~ existing utility pole within the right-of-way of Soquel Drive above the north side of Highway One.

#### Zoning & General Plan Consistency

The project site is located within the public right-of-way of Soquel Drive within the PA (Professional & Administrative Office) zone district and within the (C-0) Professional & Administrative Office General Plan designation.. Wireless communications facilities are an allowed category of use within the PA zone district.

#### Design Review & Scenic Resources

The proposed wireless communications facility complies with the requirements of the County Design Review Ordinance, and will not impact scenic resources such as the Highway One Scenic Corridor, in that the proposed project will be located on an existing utility pole and will blend with existing utilities infrastructure to adequately mitigate any visual impact of the proposed development on surrounding land uses and the natural landscape.

## Conclusion

As proposed and conditioned, the project is consistent with all applicable codes and policies of the Zoning Ordinance and General Plan/LCP. Please see Exhibit "B" ("Findings") for a complete listing of findings and evidence related to the above discussion.

## Staff Recommendation

- o APPROVAL of Application Number **04-0335**, based on the attached findings and conditions.
- o Certification that the proposal is exempt from further Environmental Review under the California Environmental Quality Act.

Supplementary reports and information referred to in this report are on file and available for viewing at the Santa Cruz County Planning Department, and are hereby made a part of the administrative record for the proposed project.

The County Code and General Plan, as well as hearing agendas and additional information are available online at: [www.co.santa-cruz.ca.us](http://www.co.santa-cruz.ca.us)

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## Wireless Communication Facility Use Permit Findings

1. The development of the proposed wireless communications facility will not significantly affect any designated visual resources, or otherwise environmentally sensitive areas or resources, as defined in the Santa Cruz County General Plan/LCP (sections 5.1, 5.10, and 8.6.6), or there is no other environmentally superior and technically feasible alternative to the proposed location with less visual impacts and the proposed facility has been modified to minimize its visual and environmental impacts.

This finding can be made, in that the proposed micro cellular wireless communication facility will be co-located on an existing utility pole. Micro cellular wireless communication facility installations that are co-located on existing utility poles, such as this proposal, are an environmentally superior alternative to larger wireless communication facility installations and their associated visual and environmental impacts. The use of such co-located micro cellular wireless communication facilities in place of larger wireless communication facility installations, when technically feasible, minimizes the visual and environmental impacts associated with the construction of wireless communication facilities due to the smaller size of the proposed facilities and the presence of an existing pole and utilities infrastructure.

2. The site is adequate for the development of the proposed wireless communications facility and, for sites located in one of the restricted areas set forth in section 13.10.661(b) that the applicant has demonstrated that there are not environmentally equivalent or superior and technically feasible alternative sites outside the restricted area or designs for the proposed facility.

This finding can be made, in that the installation of micro cellular wireless communications facilities co-located on existing utility poles are allowed without the requirement of further alternatives analysis.

3. The subject property upon which the wireless communications facility is to be built is in compliance with all rules and regulations pertaining to zoning uses, subdivisions and other applicable provisions of this title (County Code 13.10.660) and that all zoning violation abatement costs, if any, have been paid.

This finding can be made, in that the project site is located within a public right-of-way and is used for the purpose of public access and utilities infrastructure.

No zoning violation abatement fees are applicable to the subject property.

4. The proposed wireless communication facility will not create a hazard for aircraft in flight.

This finding can be made, in that the proposed wireless communications facility will be located on ~~an~~ existing utility pole, which is approximately 43 feet in height, and this elevation is too low to interfere with an aircraft in flight.

5. The proposed wireless communication facility is in compliance with all FCC (federal communications commission) and California PUC (public utilities commission) standards and requirements.

This finding can be made, in that the maximum ambient RF levels at ground level due to the existing wireless communications facilities and the proposed operation are calculated to be .11 percent of the most restrictive applicable limit.

6. For wireless communications facilities in the coastal zone, the proposed wireless communication facility as conditioned is consistent with all the applicable requirements of the Local Coastal Program.

Not applicable.

## Development Permit Findings

1. That the proposed location of the project and the conditions under which it would be operated or maintained will not be detrimental to the health, safety, or welfare of persons residing or working in the neighborhood or the general public, and will not result in inefficient or wasteful use of energy, and will not be materially injurious to properties or improvements in the vicinity.

This finding can be made, in that the maximum ambient RF levels at ground level due to the existing wireless communications facilities and the proposed operation are calculated to be .11 percent of the most restrictive applicable limit.

The proposed project will not result in inefficient or wasteful use of energy, in that the most recent and efficient technology available to provide wireless communication services will be required as a condition of this permit. Upgrades to more efficient and effective technologies will be required to occur as new technologies are developed.

The project will not be materially injurious to properties or improvements in the vicinity in that the project will be co-located on an existing utility pole, resulting in a minimal visual impact.

2. That the proposed location of the project and the conditions under which it would be operated or maintained will be consistent with all pertinent County ordinances and the purpose of the zone district in which the site is located.

This finding can be made, in that the installation of micro cellular wireless communications facilities co-located on existing utility poles are an allowed use within the PA (Professional & Administrative Office) zone district, without the requirement of **further** alternatives analysis. The project site is located within the PA (Professional & Administrative Office) zone district.

3. That the proposed use is consistent with all elements of the County General Plan and with any specific plan which has been adopted for the area.

This finding can be made, in that the proposed micro cellular wireless communication facility will be co-located on an existing utility pole. Micro cellular wireless communication facility installations that are co-located on existing utility poles, such as this proposal, are an environmentally superior alternative to larger wireless communication facility installations and their associated visual and environmental impacts.

The subject property for the proposed project is located within the Highway One scenic corridor. The proposed project complies with General Plan Policy 5.10.3 (Protection of Public Vistas), in that the use of such co-located micro cellular wireless communication facilities minimizes the visual and environmental impacts associated with the construction of wireless communication facilities due to the small size of the proposed facilities and the presence of an existing pole and utilities infrastructure. The existing public views from the scenic highway will remain relatively unchanged as a result of this project.

The property is located in the Professional & Administrative Office (C-0) land use designation, which is implemented by and consistent with the site's PA (Professional & Administrative Office) zone district.

A specific plan has not been adopted for this portion of the County.

4. That the proposed use will not overload utilities and will not generate more than the acceptable level of traffic on the streets in the vicinity.

The project will not require the use of public services such as water or sewer, but will require electric power and telephone connections. The facility will require inspection by maintenance personnel at least once per month and this will not result in increasing traffic to unacceptable levels in the vicinity.

5. That the proposed project will complement and harmonize with the existing and proposed land uses in the vicinity and will be compatible with the physical design aspects, land use intensities, and dwelling unit densities of the neighborhood.

This finding can be made, in that the proposed facility will be co-located on an existing utility pole. **This** proposed design will adequately mitigate any potential visual impacts to the surrounding neighborhood.

6. The proposed development project is consistent with the Design Standards and Guidelines (sections 13.11.070 through 13.11.076), and any other applicable requirements of this chapter.

This finding can be made, in that the proposed facility will be co-located on an existing utility pole and will blend with the existing utilities infrastructure to reduce potential visual impacts to the surrounding neighborhood.

## Conditions of Approval

Exhibit A: Project Plans, entitled, "Soquel & Jaunell", 8 sheets, prepared by AT&T Wireless Services, dated 7/13/04.

- I. This permit authorizes the construction of a wireless communications facility on an existing utility pole as indicated on the approved Exhibit "A" for this permit. Prior to exercising any rights granted by this permit including, without limitation, any construction or site disturbance, the applicant shall:
  - A. Sign, date, and return *to* the Planning Department one copy **of** the approval to indicate acceptance and agreement with the conditions thereof.
  - B. Obtain a Building Permit from the Santa Cruz County Building Official.
  - C. Obtain an Encroachment Permit from the Department of Public Works for all work performed in the County road right-of-way.
- II. The applicant shall obtain all required approvals from the California Public Utilities Commission (CPUC) and the Federal Communications Commission (FCC) for this wireless communication facility.
- III. Prior to issuance of a Building Permit the applicant/owner shall:
  - A. Submit Final Architectural Plans **for** review and approval by the Planning Department. The final plans shall be in substantial compliance with the plans marked Exhibit "A" on file with the Planning Department. The final plans shall include the following additional information:
    1. **An** indication of the proposed colors and materials of the proposed wireless communication facility. All colors and materials must be non-reflective and blend with the existing utilities infrastructure. All color boards must be no larger than 8.5" w x 11" h x 1/16" t.
    2. Details showing compliance with fire department requirements.
  - B. To ensure that the storage of hazardous materials on the site does not result in adverse environmental impacts, the applicant shall submit a Hazardous Materials Management Plan for review and approval by the County Department of Environmental Health Services, if required.
  - C. Meet all requirements and pay any applicable plan check fee of the Aptos/La Selva Fire Protection District.
- IV. All construction shall be performed according to the approved plans for the Building Permit. Prior to final building inspection, the applicant/owner must meet the following



conditions:

- A. All site improvements shown on the final approved Building Permit plans shall be installed.
- B. All inspections required by the building permit shall be completed to the satisfaction of the County Building Official.
- C. The Hazardous Materials Management Plan, if required, shall be approved by the County Department of Environmental Health Services.
- D. Pursuant to Sections 16.40.040 and 16.42.100 of the County Code, if at any time during site preparation, excavation, or other ground disturbance associated with this development, any artifact or other evidence of an historic archaeological resource or a Native American cultural site is discovered, the responsible persons shall immediately cease and desist from all further site excavation and notify the Sheriff-Coroner if the discovery contains human remains, or the Planning Director if the discovery contains no human remains. The procedures established in Sections 16.40.040 and 16.42.100, shall be observed.

V. Operational Conditions

- A. The exterior finish and materials of the wireless communication facility must be maintained on an annual basis to continue to blend with the existing utilities infrastructure. Additional paint and/or replacement materials shall be installed as necessary to blend the wireless communication facility with the existing utilities infrastructure.
- B. The operator of the wireless communication facility must submit within 90 days of commencement of normal operations (or within 90 days of any major modification of power output of the facility) a written report to the Santa Cruz County Planning Department documenting the measurements and findings with respect to compliance with the established Federal Communications Commission (FCC) Non-Ionizing Electromagnetic Radiation (NEIR) exposure standard. The wireless communication facility must remain in continued compliance with the NEIR standard established by the FCC at all times. Failure to submit required reports or to remain in continued compliance with the NEIR standard established by the FCC will be a violation of the terms of this permit.
- C. The use of temporary generators to power the wireless communication facility are not allowed.
- D. If, in the future, the pole based utilities are relocated underground at this location, the operator of the wireless communication facility must abandon the facility and be responsible for the removal of all permanent structures and the restoration of the site as needed to re-establish the area consistent with the character of the

surrounding natural landscape.

- E. If, **as** a result of future scientific studies and alterations of industry-wide standards resulting from those studies, substantial evidence is presented to Santa Cruz County that radio frequency transmissions may pose a hazard to human health and/or safety, the Santa Cruz County Planning Department shall set a public hearing and in its sole discretion, may revoke or modify the conditions of this permit.
  - F. If future technological advances would allow for reduced visual impacts resulting from the proposed telecommunication facility, the operator of the wireless communication facility must make those modifications which would allow for reduced visual impact of the proposed facility as part of the normal replacement schedule. If, in the future, the facility is no longer needed, the operator of the wireless communication facility must abandon the facility and be responsible for the removal of all permanent structures and the restoration of the site **as** needed to re-establish the area consistent with the character of the surrounding natural landscape.
  - G. Any modification in the type of equipment shall be reviewed and acted on by the Planning Department staff. The County may deny or modify the conditions at this time, **or** the Planning Director may refer it for public hearing before the Zoning Administrator.
  - H. A Planning Department review that includes a public hearing shall be required for any future co-location at this wireless communications facility.
  - I. In the event that future County inspections of the subject property disclose noncompliance with any Conditions of this approval or any violation of the County Code, the owner shall pay to the County the full cost of such County inspections, including any follow-up inspections and/or necessary enforcement actions, up to and including permit revocation.
- VI. As a condition of ~~this~~ development approval, the holder of this development approval ("Development Approval Holder"), is required to defend, indemnify, and hold harmless the COUNTY, its officers, employees, and agents, from and against any claim (including attorneys' fees), against the COUNTY, its officers, employees, and agents to attack, set aside, void, or annul this development approval of the COUNTY or any subsequent amendment of this development approval which is requested by the Development Approval Holder.**
- A. COUNTY shall promptly notify the Development Approval Holder of any claim, action, or proceeding against which the COUNTY seeks to be defended, indemnified, or held harmless. COUNTY shall cooperate fully in such defense. If COUNTY fails to notify the Development Approval Holder within sixty (**60**) days of any such claim, action, or proceeding, or fails to cooperate fully in the defense

thereof, the Development Approval Holder shall not thereafter be responsible to defend, indemnify, or hold harmless the COUNTY if such failure to notify or cooperate was significantly prejudicial to the Development Approval Holder.

- B. Nothing contained herein shall prohibit the COUNTY ~~from~~ participating in the defense of any claim, action, or proceeding if both of the following occur:
1. COUNTY bears its own attorney's fees and costs; and
  2. COUNTY defends the action in good faith.
- C. Settlement. The Development Approval Holder shall not be required to pay or perform any settlement unless such Development Approval Holder has approved the settlement. When representing the County, the Development Approval Holder shall not enter into any stipulation or settlement modifying or affecting the interpretation or validity of any of the terms or conditions of the development approval without the prior written consent of the County.
- D. Successors Bound. "Development Approval Holder" shall include the applicant and the successor'(s) in interest, transferee(s), and assign(s) of the applicant.
- E. Within 30 days of the issuance of this development approval, the Development Approval Holder shall record in the office of the Santa **Cruz** County Recorder an agreement which incorporates the provisions of this condition, or this development approval shall become null and void.

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Minor variations to this permit which do not affect the overall concept or density may be approved by the Planning Director at the request of the applicant or staff in accordance with Chapter 18.10 of the County Code.

**Please note: This permit expires two years from the effective date unless you obtain the required permits and commence construction.**

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

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

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

\_\_\_\_\_  
Don Bussey  
Deputy Zoning Administrator

\_\_\_\_\_  
Randall Adams  
Project Planner

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Appeals: Any property owner, or other person aggrieved, or any other person whose interests are adversely affected by any act or determination of the Zoning Administrator, may appeal the act or determination to the Planning Commission in accordance with chapter 18.10 of the Santa Cruz County Code.

# CALIFORNIA ENVIRONMENTAL QUALITY ACT

## NOTICE OF EXEMPTION

The Santa Cruz County Planning Department has reviewed the project described below and has determined that it is exempt from the provisions of CEQA as specified in Sections 15061 - 15332 of CEQA for the reason(s) which have been specified in this document.

Application Number: 04-0335

Assessor Parcel Number: NO-APN-SPEC

Project Location: No situs (Soquel Drive Right-of-way)

**Project Description: Proposal to construct a wireless communications facility.**

**Person or Agency Proposing Project: AT&T Wireless - Roger Haas**

**Contact Phone Number: (408) 672-5610**

- A. ☐ The proposed activity is not a project under CEQA Guidelines Section 15378.  
B. ☐ The proposed activity is not subject to CEQA as specified under CEQA Guidelines Section 15060(c).  
C. ☐ **Ministerial Project** involving only the use of fixed standards or objective measurements without personal judgment.  
D. ☐ **Statutory Exemption** other than a Ministerial Project (CEQA Guidelines Section 15260 to 15285).

Specify type:

E. ☒ **Categorical Exemption**

Specify type: New Construction or Conversion of Small Structures (Section 15303)

**F. Reasons why the project is exempt:**

Construction of a utility pole mounted micro-cellular facility that is not anticipated to generate any environmental impacts.

In addition, none of the conditions described in Section 15300.2 apply to **this** project.

\_\_\_\_\_  
Randall Adams, Project Planner

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

# FOR TAX PURPOSES ONLY

THE ASSessor MAKES NO GUARANTEE AS TO MAP ACCURACY NOR ASSUMES ANY LIABILITY FOR OTHER USES. NOT TO BE REPRODUCED. ALL RIGHTS RESERVED.  
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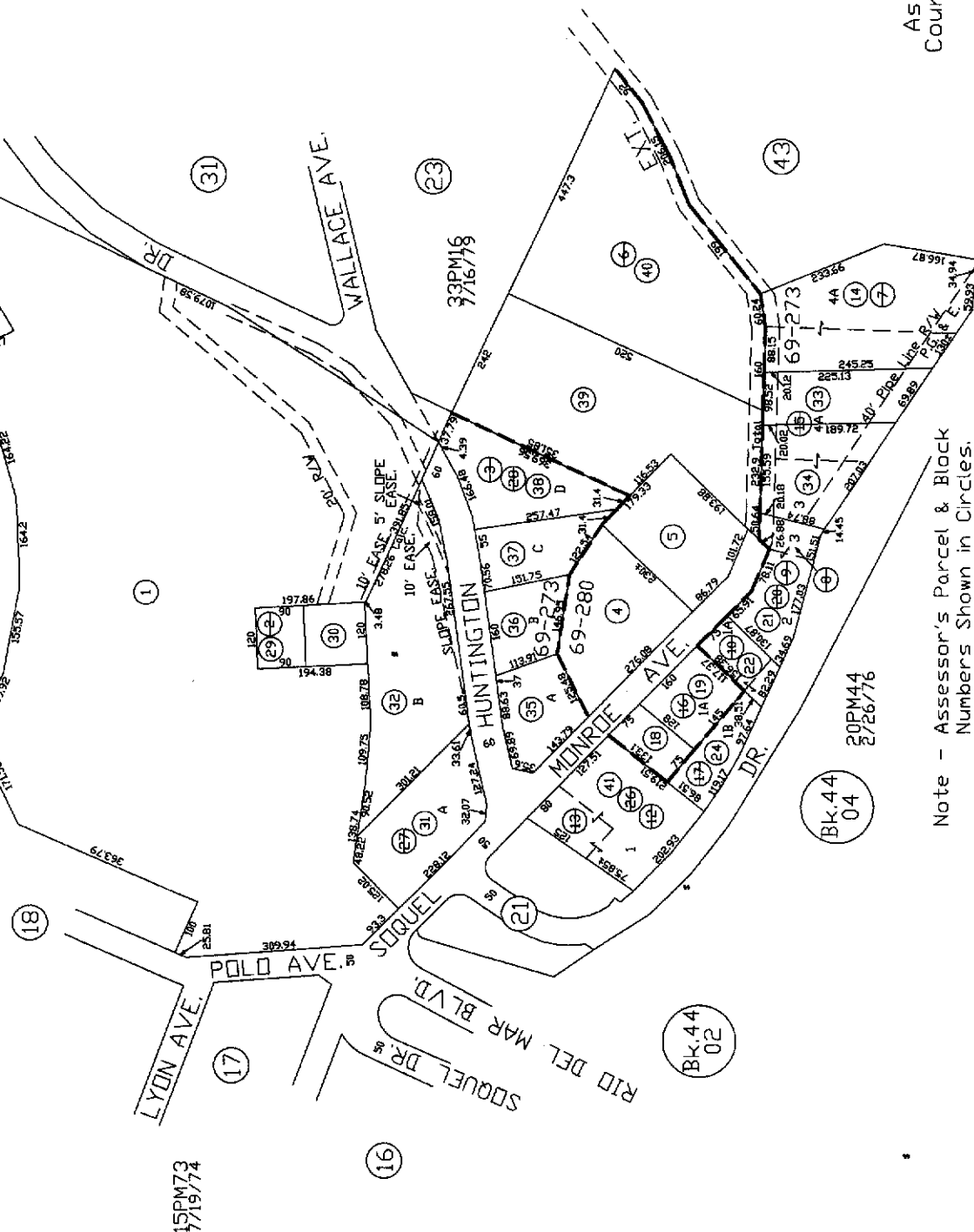
## POR. APTOS RANCHO

N. 1/2 SEC. 17, T.11S., R.1E., M.D.B. & M.

44MB6  
7/14/65

Tax Area Code  
69-273 69-280

41-2E

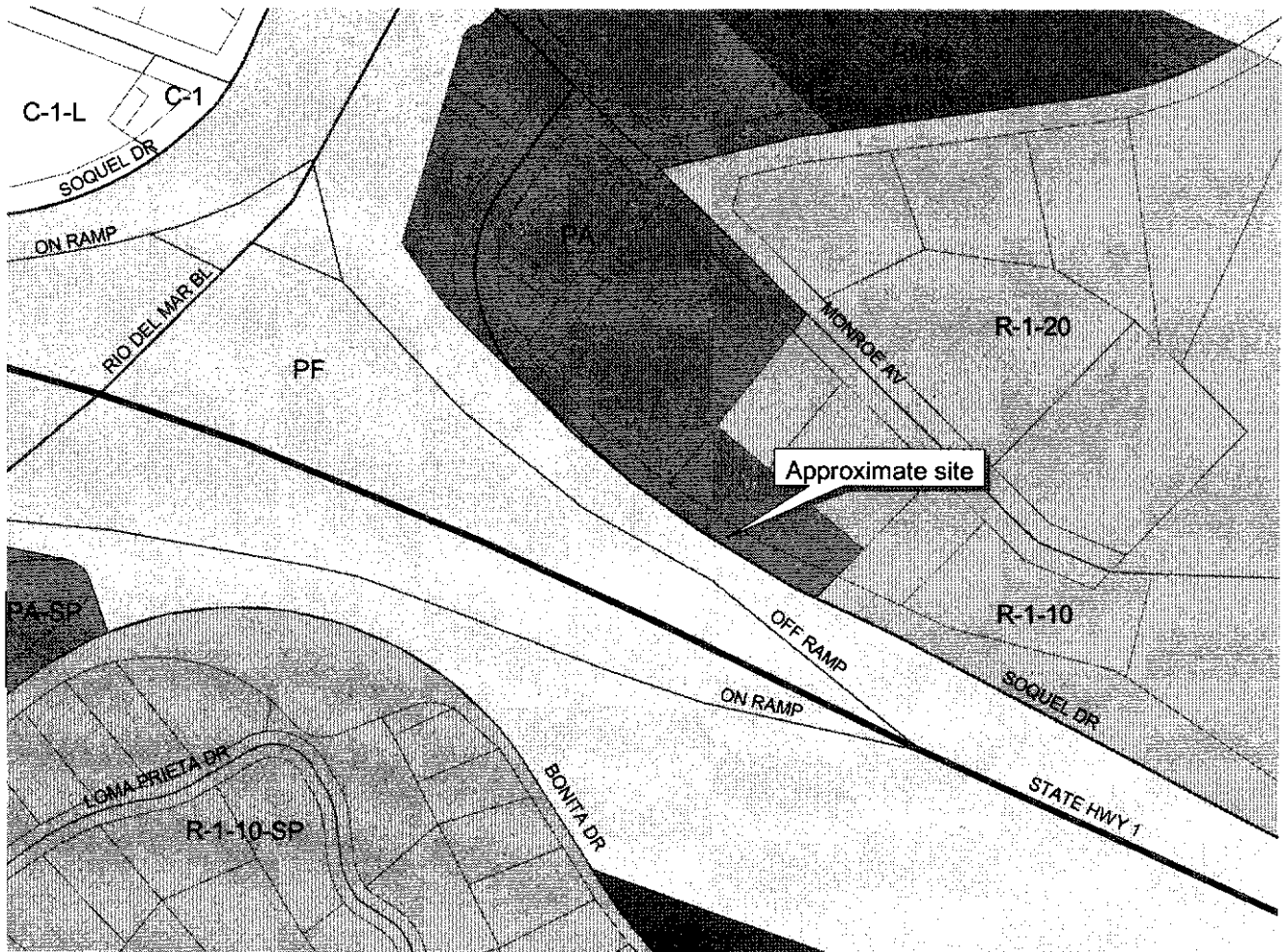


Note - Assessor's Parcel & Block Numbers Shown in Circles.

Assessor's Map No. 41-22  
County of Santa Cruz, Calif.  
December, 1998

EXHIBIT E

# Zoning Map



## Legend

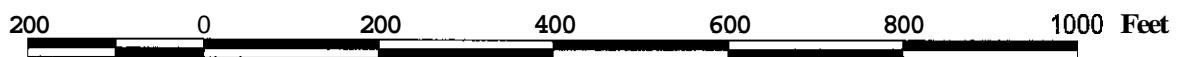
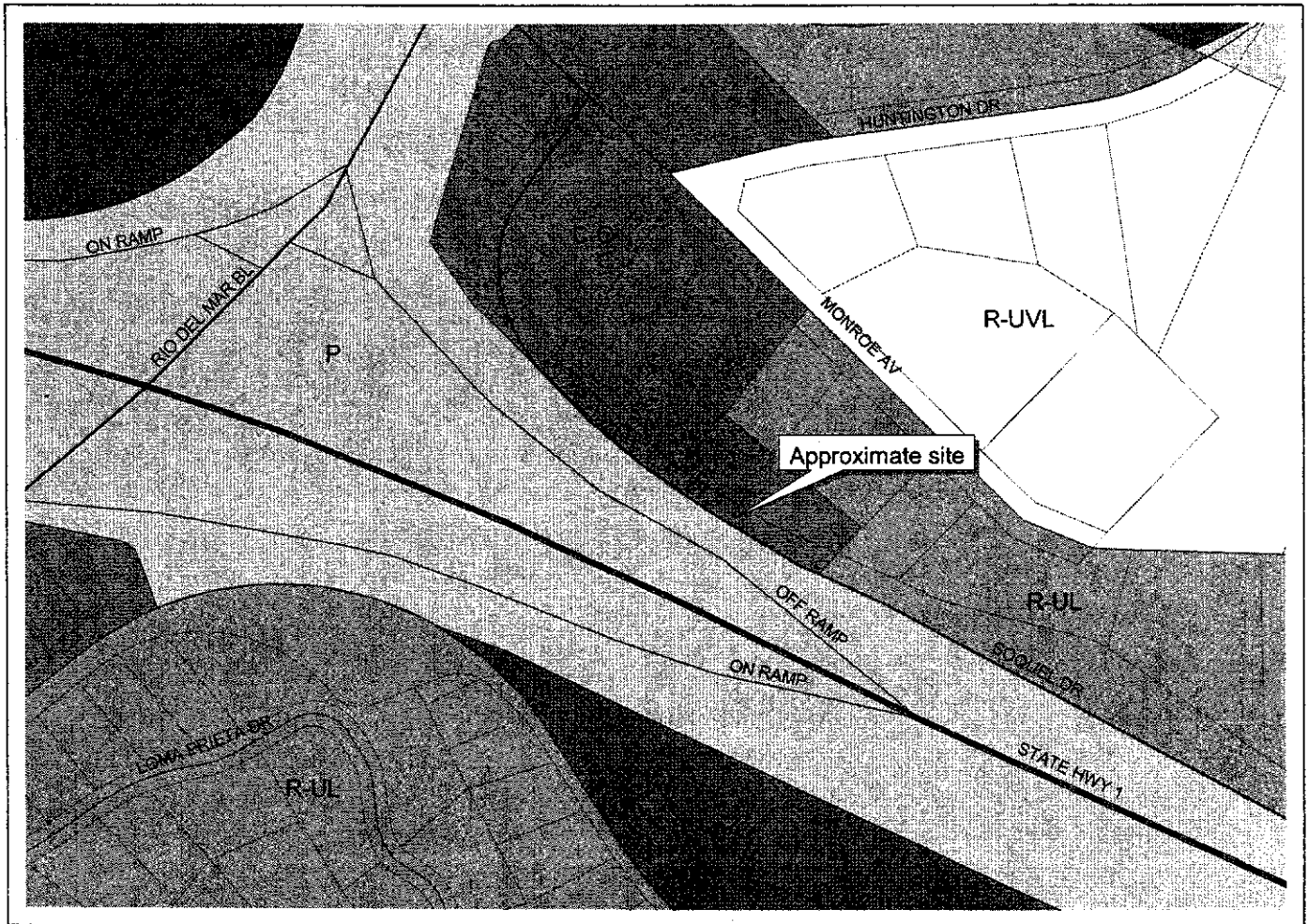
- State highways
- Streets
- Neighborhood Commercial (C-I)
- Public and Community Facilities (PF)
- Single-Family Residential (R-I-X)
- Professional and Administrative Offices (PA)
- Multi-Family Residential (RM)
- Parks, Recreation, and Open Space (PR)



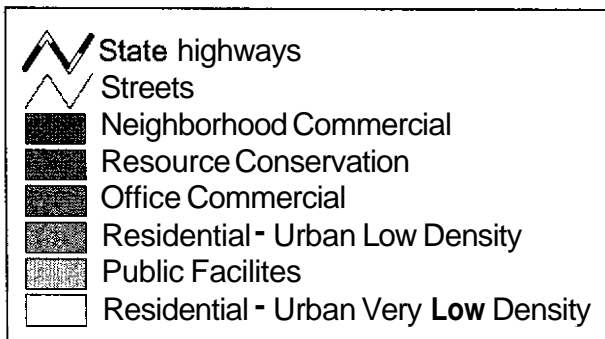
Map created by Santa Cruz County  
Planning Department:  
July 2004

**EXHIBIT. F**

# General Plan Map



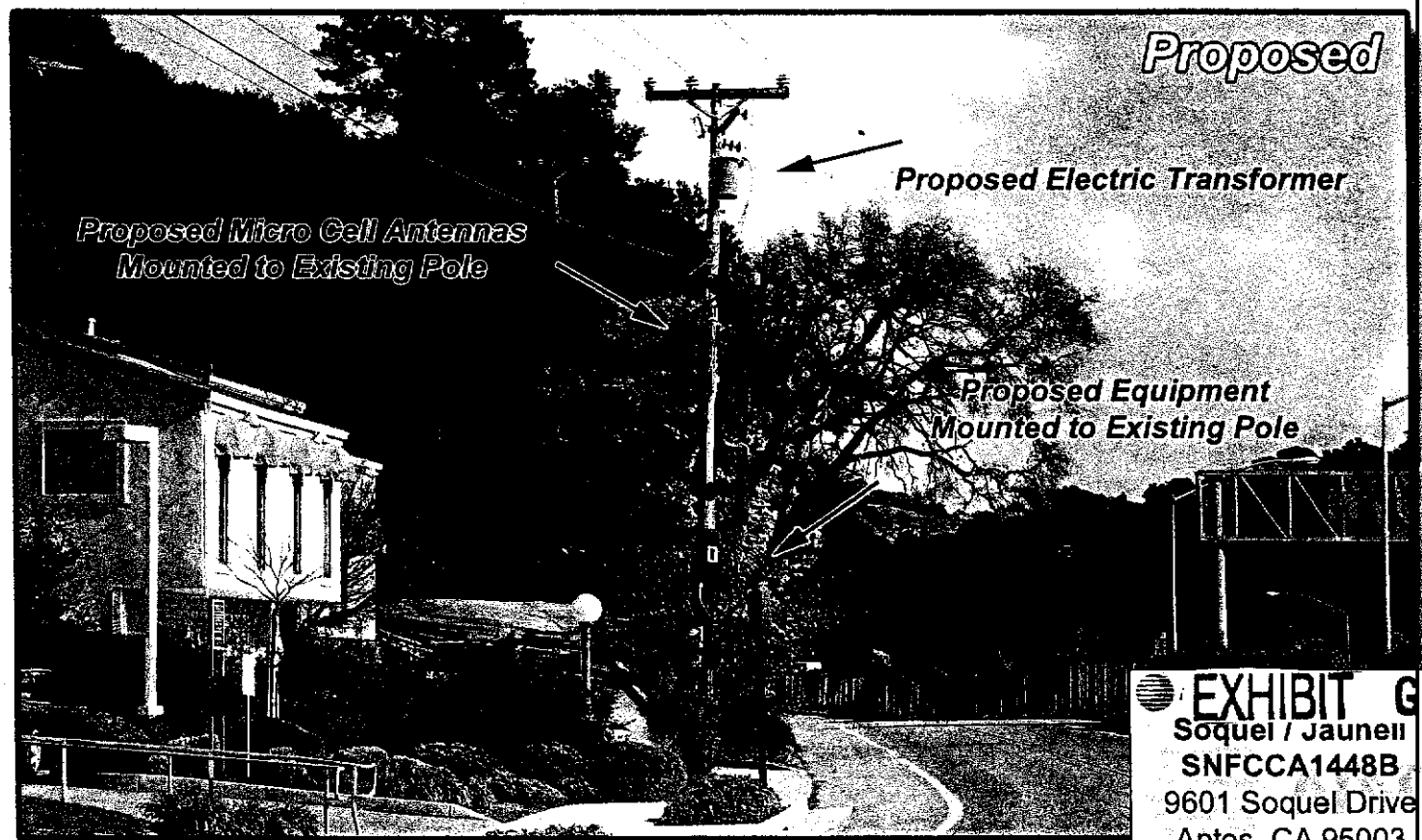
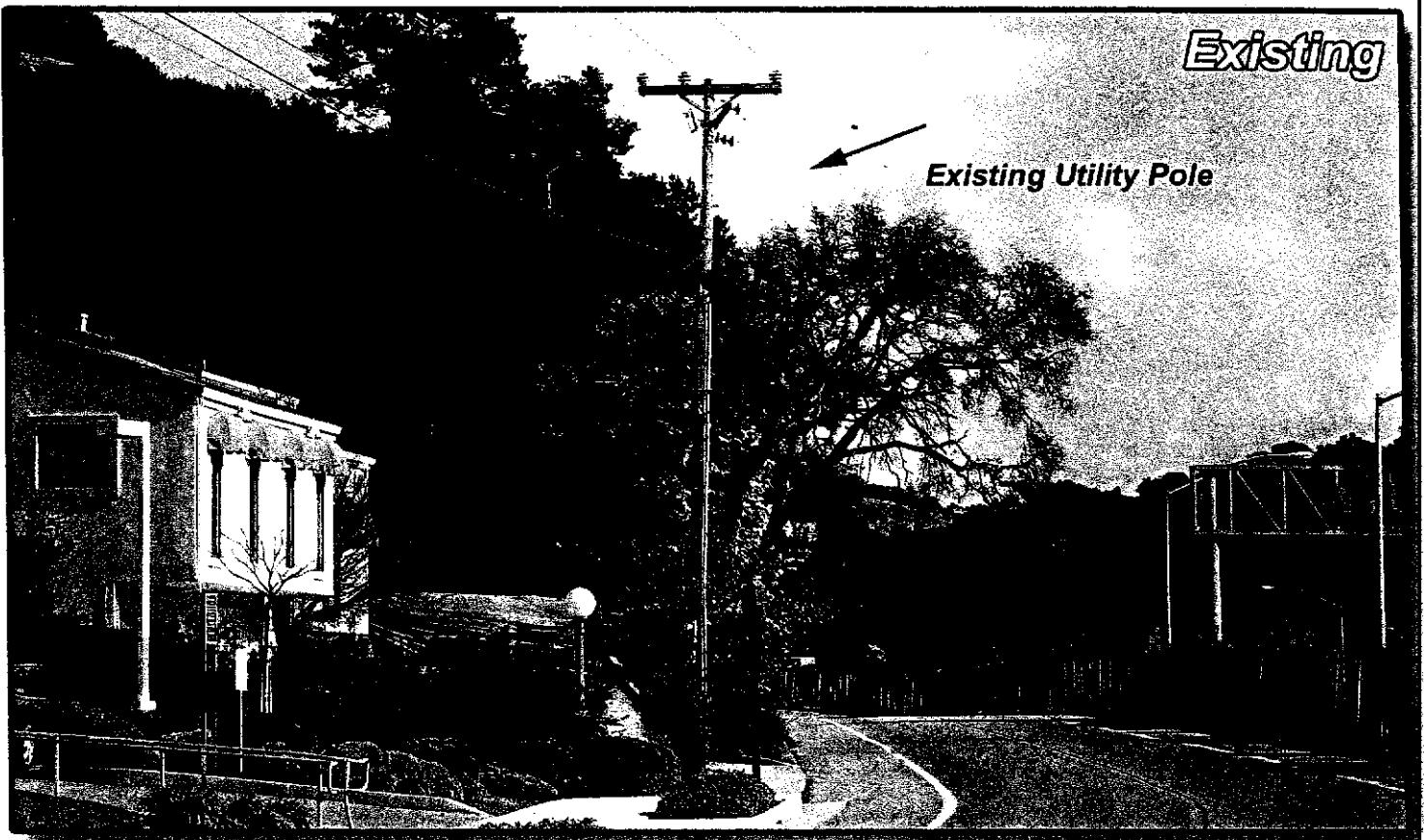
## Legend



Map created by Santa Cruz County  
Planning Department:  
July 2004

**EXHIBIT. F**

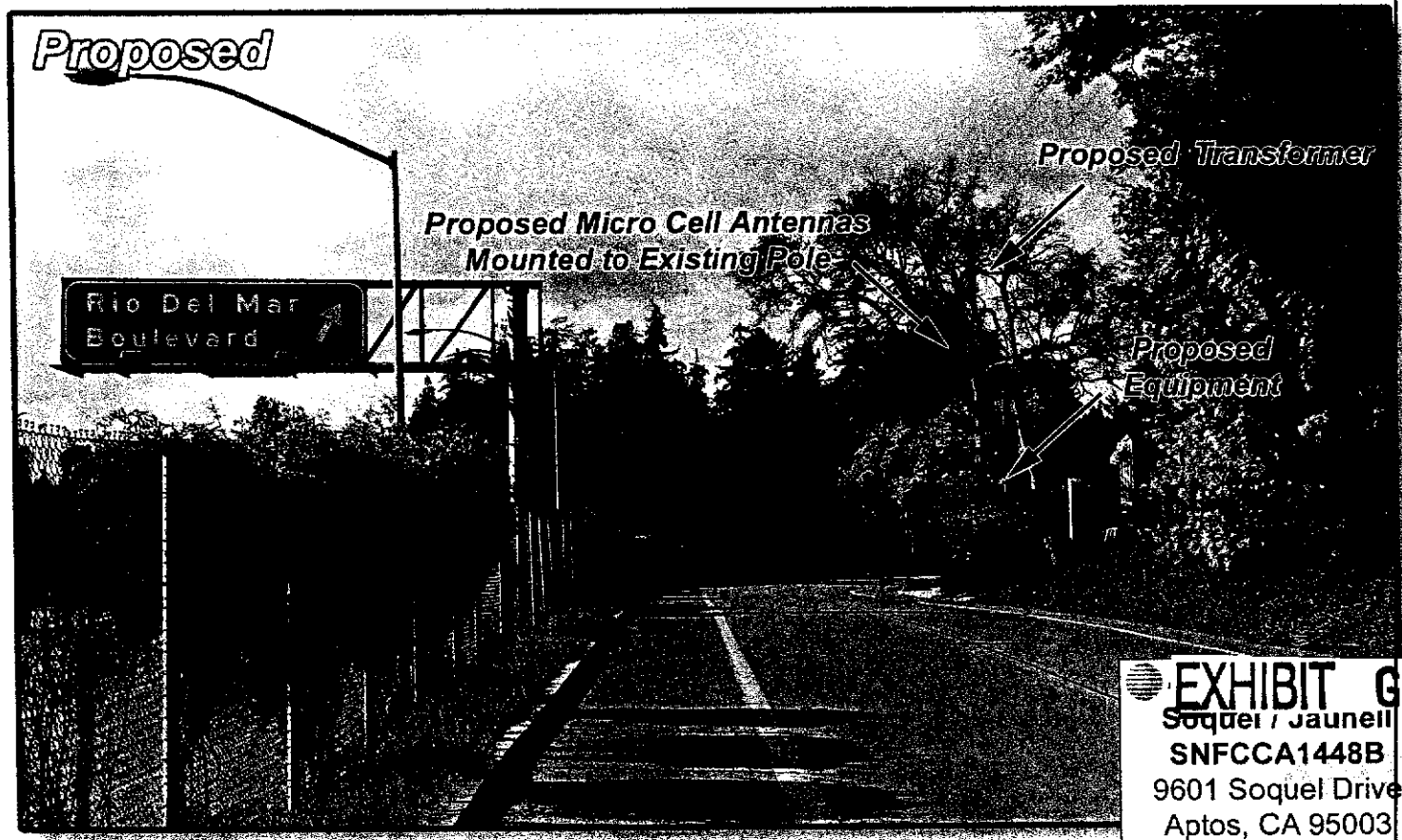
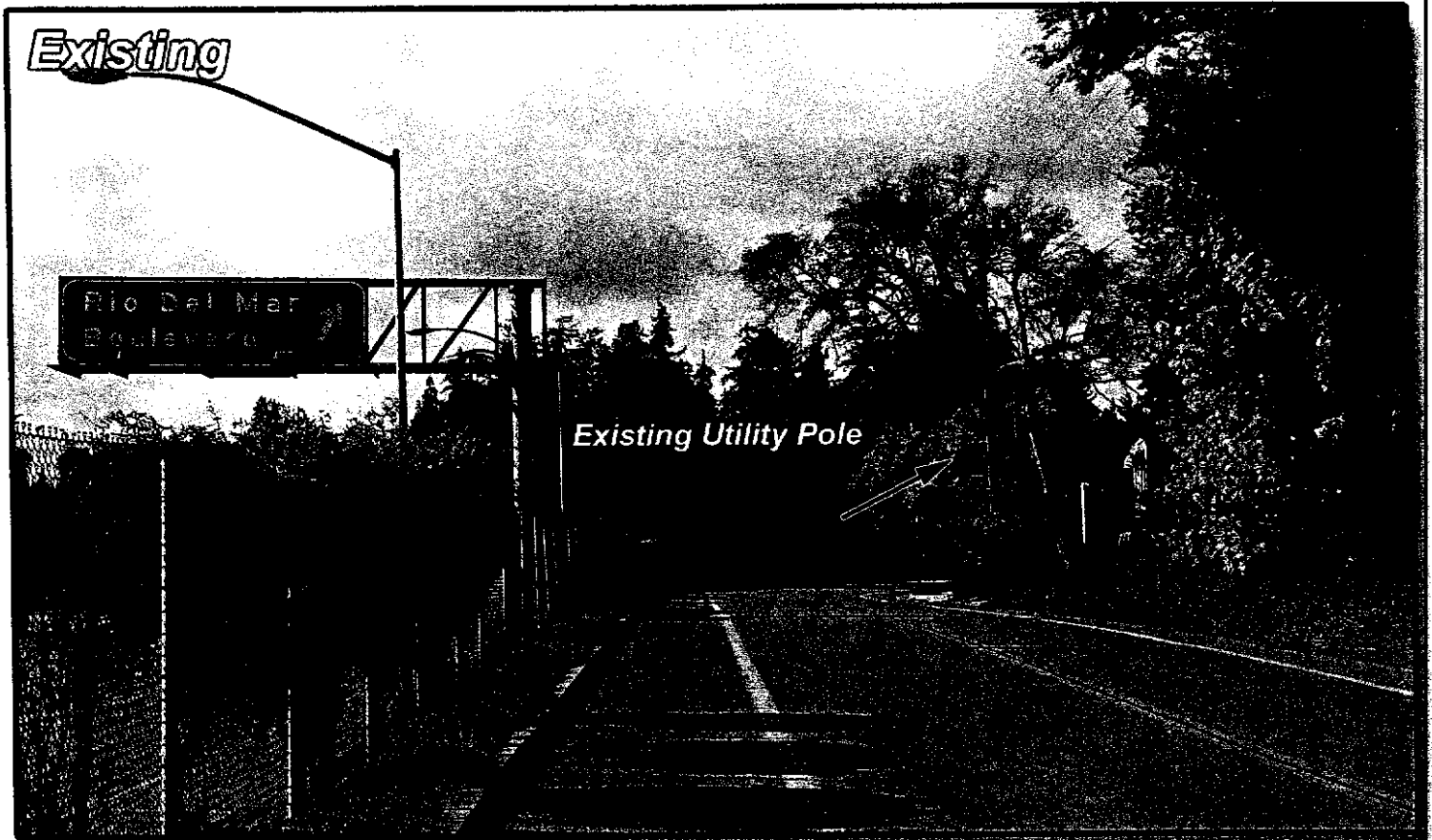
# *Existing / Proposed View as seen from Soquel Drive - West Elevation*



**EXHIBIT G**  
Soquel / Jaunell  
SNFCCA1448B  
9601 Soquel Drive  
Aptos, CA 95003



# *Existing / Proposed View as seen from Soquel Drive - East Elevation*





**AT&T**

**WIRELESS SERVICES**

### Project Description

#### Nature of Request

AT&T Wireless Services (AWS) **seeks** approval of a Conditional Use Permit, and related permits to allow the construction of a communication facility within Santa Cruz County Public Works ROW, located on an (e) wood utility pole. ~~Our~~ proposal is designed to blend in with the (e) utility pole, **see** photosimulations, which blends in with the surroundings. This site is being proposed in accordance with AWS' FCC license requirements.

#### Property Description

The subject property is located adjacent to **9601** Soquel Drive, **Aptos** in Santa Cruz. We have been asked to reflect the APN#: **no APN spec**, **as** requested by Santa Cruz Planning Staff. The proposal is within the jurisdiction of Santa Cruz County. The public works department of the County of Santa Cruz has given AT&T an encroachment permit to use the pole.

The property is located within an existing Public Works Right-of-way, which falls under County control but is not defined by a specific zoning designation. We have been informed during our pre-application meeting; the County does allow installation of wireless telecommunications facilities **as** a conditional use pursuant to Section **13.10.659.21.8F.2** of the Planning Code. The proposed use matches the present use, as the project does not deviate nor substantially increase the visual blight of the present use/site.

#### Project Description

AT&T proposes to install a communication facility that will consist of Two (2) flat panel **antennas** mounted on the existing wood utility pole, at a Centerline elevation of **22'4"**. Ur equipment will be mounted at approximately 7'0", above grade. Both the antennas and equipment will be painted brown to mitigate potential visual impacts. All associated conduits, field verified, will also be painted brown to match the (e) wood pole.

The antennas will be flush mounted to the (e) pole, with a maximum distance from the pole at approximately 7", which would be difficult to capture **at 55 MPH** from a motorists perspective. The antenna dimensions are **the** following; 7.5" wide, **24.5"** in length, and 1.8" thick. The proposed dimensions for the equipment, which will be mounted to the same pole (at 7'), **are** 16" wide, **21"** in length, and 8" thick.

Access to the project site will be from Soquel Drive.

**EXHIBIT 1**

*The Lyle Company  
Representing AT&T Wireless*

### Statement of Operations

The proposed AT&T communication facility only requires electrical and telephone services, which are readily available to the building/site. No nuisances will be generated by the proposed facility, nor will the facility injure the public health, **safety**, morals or general welfare of the community. AT&T technology does not interfere with any other forms of communication devices whether public or private. Construction of this facility will actually enhance wireless communications for residents or motorists traveling along Highway 1 in Aptos, Santa Cruz County by providing seamless service to numerous customers.

**As** mentioned before, upon completion of construction, fine-tuning of the AT&T facility may be necessary, meaning the site will be adjusted once or twice a month by a service technician for routine maintenance. No additional parking spaces are needed at the project site for maintenance activities. The site is entirely self-monitored and connects directly to a central office where sophisticated computers alert personnel to any equipment malfunction or breach of security.

Because AT&T's facility will be un-staffed, there will be no regular hours of operation and no impact to existing traffic patterns. **An** existing road will provide ingress and egress allowing access to the technician who arrives **infrequently** to service the site. No on-site water or **sanitation** services will be required as a part of **this** proposal.

### Zoning Analysis

AT&T's proposed facility will be located within **an** (e) Public Works Right-of-way, therefore according to the County we fall outside any applicable Zoning Districts. Pursuant to the County of Santa **Cruz** Wireless Telecommunications Services (WTS) Facilities Siting Guidelines the proposed **use** is allowed subject to approval of a Level **5** Conditional Use Permit. The proposal is consistent with the County design, siting and review **guidelines** for commercial antenna installation. It is also important to mention we are open to collocation however, the RF criteria would be determined by another carrier. Both the Joint Pole Authority and Public Works would have to examine placement of another carrier, where they look at the remaining space on the (e) wood **pole**, including a structural analysis.

Additionally, as mentioned above, the proposal includes the placement of electronic equipment which AT&T wireless has designed the base facility in the "least visual obtrusive manner". Please see the "Supplemental Information", Exhibit D, section for more in-depth analysis of Zoning as it follows your Interim Wireless Ordinance.

### Compliance with Federal Regulations

**EXHIBIT H**

*The Lyle Company  
Representing AT&T Wireless*

AT&T will comply with all FCC rules governing construction requirements, technical standards, interference protection, power and height limitations, and radio frequency standards. In addition, the company will comply with all FAA rules on site location and operation.

EXHIBIT H

*The Lyle Company  
Representing AT&T Wireless*



**Supplemental Application Information**

**(1) Pre-Application Meeting**

The Lyle Company ~~has~~ met with both Jack Nelson and Frank Baron on May 21<sup>st</sup> 2003. Both planners responded well to the proposal, and no issues were raised wherein we would need to modify the proposal.

**(2) Submittal Information**

• *Corresponding letters reference Santa Cruz County Ordinance for WTS Information shall include, but not limited to, the following:*

**(i) Identity & Legal Status of the Applicant**

AT&T Wireless PCS, LLC,  
a Delaware Limited Liability Company,  
d/b/a AT&T Wireless

**(ii) Name, Address, Telephone Number**

AT&T Wireless, Inc.  
651 Gateway Blvd.  
South San Francisco, Ca 94060  
415-559-2121

**(iii) Name, Address, Telephone Number of Owner & Agent representing the Owner**

Lyle Company, LLC  
3140 Gold Camp Drive, Suite 30  
Rancho Cordova, California 96570  
Contact Representative: T. Roger Haas 408-672-5610

**(iv) Address, Parcel Map Description, Lats/Longs**

9601 Soquel Drive, *Aptos.*

(v) Narrative & Map of future Sites (5 Year Plan)

The build-out plan of AT&T is determined by RF engineers who design the system to allow for the maximum blanketing coverage, while using the least amount of sites in the area. This limits the number of visual impacts in the area, and **can** potentially save AT&T money, thus keeping the prices of wireless services to a minimum, while still offering the same great service. AT&T has designed **this** current, 3G (3<sup>rd</sup> Generation), system to facilitate between thirty-three (33) to thirty-five (35) sites throughout Santa Cruz County. Preliminary research of sites have determined that approximately seventeen (17) of these sites fall within the Counties Jurisdictional control, while the remaining are spread through the City of Santa Cruz, Watsonville, and Capitola.

I have submitted, on 3.5" floppy disk, a detailed list and map location of AT&T sites spread throughout the County to Frank Baron.

(vi) Wireless Services to be provided

Benefits to the Community

Wireless technology can provide many benefits to the County of Santa Cruz residents, businesses and motorists that travel or live near the proposed project site. These benefits include:

- Quick access to 911 emergency allowing motorists to summon emergency aid and report dangerous situations.
- Support for emergency services by providing wireless communications access to paramedics, firefighters, **and** law enforcement agencies that use this technology.
- The ability to transmit data over the airwaves allowing for immediate access to vital information to emergency services.
- Communication capabilities in remote areas, enhancing the safety of travelers by allowing immediate access to emergency assistance.
- Provide quality wireless communications including voice, paging, digital data
- Enhance the communication **services** of those residents who conduct business and professional services for Santa Cruz County.

(vii) California Public Utilities Commission

AT&T Wireless is registered with the CPUC under General Order 159A

- 1) AT&T Wireless Services of California, LLC (U-3010-C)
- 2) AT&T Wireless PCS, LLC (U-3074-C)

(viii) Federal Communications Commission

AT&T Wireless is registered with the Telecommunications Bureau as:

*Market* Number: BTA404

Call ~~Sign~~:KNLG542

File Number: 0000030525

(ix) FCC Compliance with **NIER** Standards

I have included an EMF study, which describes **NIER/EMF** compliance issues regarding the proposal. This report is submitted respectively by Hammett & Edison, an outside consultant that examines the safety of Cellular installations.

(x) **Security** considerations

The area surrounding our proposal is accessible to the general public, as it is located on Highway One (1). Normally our sites have **a** locked gate for access issues however; in this case we ~~can~~ only state our equipment will be out of reach ~~from~~ the Public. We are also forbidden ~~from~~ including a gate to protect the site, as Caltrans needs 100% **access** to their public ROW (Right-of-Way). We feel that the site is hidden, which not only benefits the aesthetic value, but also keeps any potential visitors ~~from~~ actually seeing the equipment/antennas. The equipment/antennas will be painted brown to match the color of the (e) pole in an effort to mitigate potential security issues.

Federal Law also mandates that all areas, in compliance with FCC guidelines, shall include a **ANSI** compliant RF sign in a visible place for workers approaching the site, and once construction of the site is scheduled AT&T will provide ~~this~~ sign.

(xi) Facility Design Alternatives

This project includes the installation of **two** antennas, and ancillary equipment, which will be mounted to an (e) wood utility pole. In regards to design alternatives, our only option was to utilize a "MacroCell" site, as previously proposed over a **year ago** by a number of different carriers (Sprint, AT&T, and Verizon). The idea behind a "MicroCell", is to minimize all visual impact ~~from~~ motorists. Due to the sensitive nature of this ~~area~~, we feel this is the **only** design that eliminates visual impact.

Therefore, the only feasible design was to **use** (e) wood poles located in the ROW, and mount all ancillary equipment and antennas to the pole, while painting it brown to match.

(xii) Other Information Required

We will submit all other information as the Planning Director or governing body may require, per the requirement stipulated in the Interim Ordinance (soon to be finalized).

~~(xiii)~~ Visual Simulation Study

I have included a Photosimulation; Exhibit F, for your review, the picture is taken ~~from~~ the 'best' vantage point, to depict the 'true' impact of the site. They are taken a 1/8-mile due west and east. This location is not visually obtrusive to traffic, as the site blends in with the surroundings, per the intention of its design.

(xiv) Alternative Site Analysis

AT&T evaluated a number of 'MacroCell' sites in the area, which was submitted to Santa Cruz County over a year ago. The location ~~was~~ 5209 Coast Road, where AT&T proposed a MacroCell site on the coastal side of Highway One (1), and included three (3) equipment cabinets to operate the site. The antennas were to be located on wood cross ~~arms~~, they were proposed to extend beyond the (e) frame of the pole. The new county ordinance requires sites to be located on the eastern side of Highway 1 and to be co-located. The location meets the requirement of the ordinance.

Summary of Alternative Sites Analysis

Our goal in determining the site location was based on minimizing the cumulative impact of Cellular sites in the area. ~~As~~ mentioned above, numerous carriers have tried to design a cell site on the North Coast, adjacent to Highway 1, and we felt this proposal created minimal impact to the scenic ~~area~~. Our proposal is located on the inland side of the Highway, which was recommended by Santa Cruz County staff during our pre-application meetings for sites in ~~this~~ area. Please see coverage maps that show how the system of 6 sites will provide coverage for Highway 1 North of Santa Cruz.

Amendment

The applicant agrees to notify within 30-days of any change of information required and submitted as part of this ordinance.

Technical Review

~~An~~ independent technical expert, at the direction of the County of Santa ~~Cruz~~ and notification by, may review any technical materials submitted for review.

~~Fees~~

A check in the amount of **\$5266.00**, check is attached for an initial payment of processing the application submitted on behalf of AT&T wireless.

**EXHIBIT 1**



**AT&T Wireless • Proposed Base Station (Site No. SNFCCA1448)  
9601 Soquel Drive • Aptos, California**

**Statement of Hammett & Edison, Inc., Consulting Engineers**

The firm of Hammett & Edison, Inc., Consulting Engineers, **has** been retained on behalf of AT&T Wireless, a personal wireless telecommunications carrier, to evaluate the base station (Site No. SNFCCA1448) proposed to be located at 9601 Soquel Drive in Aptos, California, for compliance with appropriate guidelines limiting human exposure to radio frequency ("RF") electromagnetic fields.

**Prevailing Exposure Standards**

The **U.S.** Congress requires that the Federal Communications Commission ("FCC") evaluate its actions for possible significant impact on the environment. In Docket 93-62, effective October 15, 1997, the FCC adopted the human exposure limits for field strength and power density recommended in Report No. 86, 'Biological Effects and Exposure Criteria for Radiofrequency Electromagnetic Fields,' published in 1986 by the Congressionally chartered National Council on Radiation Protection and Measurements ("NCRP"). Separate limits apply for occupational and public exposure conditions, with the latter limits generally five times more restrictive. The more recent Institute of Electrical and Electronics Engineers ("IEEE") Standard C95.1-1999, "Safety Levels with Respect to Human Exposure to Radio Frequency Electromagnetic Fields, 3 kHz to 300 GHz," includes nearly identical exposure limits. A **summary** of the FCC's exposure limits is shown in Figure 1. These limits apply for continuous exposures and are intended to provide a prudent margin of safety for all persons, regardless of age, gender, size, or health.

The most restrictive thresholds for exposures of unlimited duration to radio frequency energy for several personal wireless services are **as** follows:

<u>Personal Wireless Service</u>	<u>Approx. Frequency</u>	<u>Occupational Limit</u>	<u>Public Limit</u>
Personal Communication ("PCS")	1,950 MHz	5.00 mW/cm <sup>2</sup>	1.00 mW/cm <sup>2</sup>
Cellular Telephone	870	2.90	0.58
Specialized Mobile Radio	<b>855</b>	<b>2.85</b>	0.57
[most restrictive frequency range]	30-300	1.00	0.20

**General Facility Requirements**

Base stations typically consist of two distinct parts: the electronic transceivers (also called "**radios**" or "cabinets") that are connected to the traditional wired telephone lines, and the passive antennas that send the wireless signals created by the radios out to be received by individual subscriber units. The transceivers **are** often located at ground level and **are** connected to the antennas **by** coaxial cables about 1 inch thick. Because of the short wavelength of the frequencies assigned by the FCC for wireless services, the antennas require line-of-sight paths for their signals to propagate well and so are installed at some height above ground. The antennas are designed to concentrate their energy toward



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**EXHIBIT H**

25

**AT&T Wireless • Proposed Base Station (Site No. SNFCCA1448)  
9601 Soquel Drive • Aptos, California**

the horizon, with very little energy wasted toward the sky or the ground. Along with the low power of such facilities, **this** means that it is generally not possible for exposure conditions to approach the maximum permissible exposure limits without being physically very near the antennas.

### **Computer Modeling Method**

The FCC provides direction for determining compliance in its Office of Engineering and Technology Bulletin No. 65, "Evaluating Compliance with FCC-Specified Guidelines for Human Exposure to Radio Frequency Radiation," dated August 1997. Figure 2 attached describes the calculation methodologies, reflecting the facts that a directional antenna's radiation pattern is not fully formed at locations very close by (the "near-field" effect) and that the power level from an energy source decreases with the square of the distance from it (the "inverse square law"). The conservative nature of this method for evaluating exposure conditions has been verified by numerous field tests.

### **Site and Facility Description**

Based upon information provided by AT&T, including zoning drawings by CH2M Hill, dated July 13, 2004, it is proposed **to** mount **two** Arc Wireless Model PCS-DS-14-06514-OD directional panel antennas on an existing **42<sup>1</sup>/<sub>2</sub>-foot** utility pole near 9601 Soquel Drive in Aptos. The antennas would be mounted at an effective height of about 26 feet above ground and would be oriented toward 140°T and 290°T, to provide service to surrounding areas. The effective radiated power in any direction would be 40 watts, representing four PCS channels operating simultaneously **at** 10 watts each. There are reported no other wireless telecommunications base **stations** installed nearby.

### **Study Results**

The maximum ambient RF level at any ground location within 1,000 feet due to the proposed AT&T operation is calculated to be 0.0011 mW/cm<sup>2</sup>, which is 0.11% of the applicable public limit. The **maximum** calculated level at the second floor elevation of any nearby building' is **1.5%** of the public limit. It should be noted that these results include several "worst-case" assumptions and therefore are expected to overstate actual power density levels. Figure 3 attached provides the specific data required under Santa Cruz County Code Section 13.10.659(g)(2)(ix), for reporting the analysis of RF exposure conditions.

### **Recommended Mitigation Measures**

Since they are to be mounted on a tall pole, the AT&T antennas are not accessible to the general public, and so no mitigation measures are necessary to comply with the FCC public exposure

- 
- Located **at least 30 feet away, based on the drawings.**



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**EXHIBIT**

**H**

**AT&T Wireless • Proposed Base Station (Site No. SNFCCA1448)  
9601 Soquel Drive • Aptos, California**

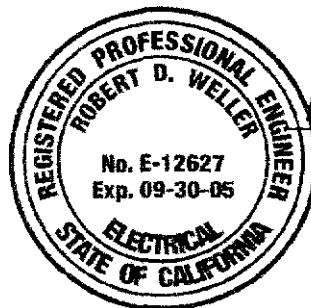
guidelines To prevent occupational exposures in excess of the FCC guidelines, no access within 1 foot directly in front of the antennas themselves, such as might occur during maintenance work on the pole, should be allowed while the base station is in operation, unless other measures can be demonstrated to ensure that occupational protection requirements are met. Posting explanatory warning signs† at the antennas and/or on the pole below the antennas, such that the signs would be readily visible from any angle of approach to persons who might need to work within that distance, would be sufficient to meet FCC-adopted guidelines.

**Conclusion**

Based on the information and analysis above, it is the undersigned's professional opinion that the base station proposed by AT&T Wireless at 9601 Soquel Drive in Aptos, California, can comply with the prevailing standards for limiting human exposure to radio frequency energy and, therefore, need not for this reason cause a significant impact on the environment. The highest calculated level in publicly accessible areas is much less than the prevailing standards allow for exposures of unlimited duration. This finding is consistent with measurements of actual exposure conditions taken at other operating base stations.

**Authorship**

The undersigned author of this statement is a qualified Professional Engineer, holding California Registration No. E-12627, which expires on September 30, 2005. This work has been carried out by him or under his direction, and all statements are true and correct of his own knowledge except, where noted, when data has been supplied by others, which data he believes to be correct.



/s/ **Robert D. Weller**

Robert D. Weller, P.E.

July 19, 2004

† Warning signs should comply with ANSI C95.2 color, symbol, and content conventions. In addition, contact information should be provided (e.g., a telephone number) to arrange for access to restricted areas. The selection of language(s) is not an engineering matter, and guidance from the landlord, local zoning or health authority, or appropriate professionals may be required.



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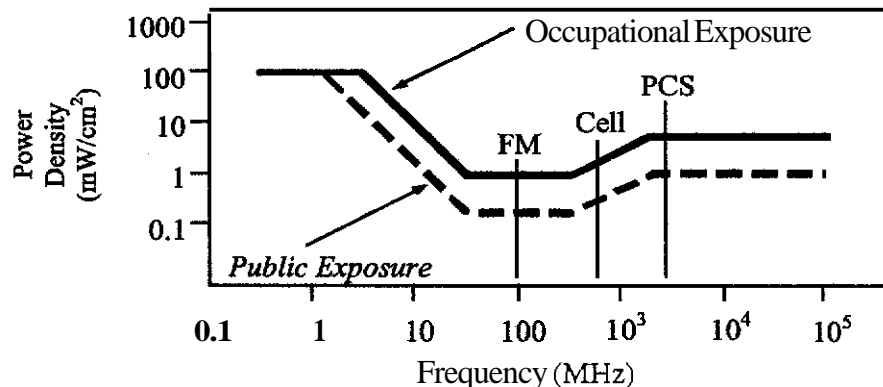
**EXHIBIT** †

## FCC Radio Frequency Protection Guide

The **U.S.** Congress required (1996 Telecom Act) the Federal Communications Commission ("FCC") to adopt a nationwide human exposure standard to ensure that its licensees do not, cumulatively, have a significant impact on the environment. The FCC adopted the limits from Report No. 86, "Biological Effects and Exposure Criteria for Radiofrequency Electromagnetic Fields," published in 1986 by the Congressionally chartered National Council on Radiation Protection and Measurements, which are nearly identical to the more recent Institute of Electrical and Electronics Engineers Standard C95.1-1999, "Safety Levels with Respect to Human Exposure to Radio Frequency Electromagnetic Fields, 3 kHz to 300 GHz." These limits apply for continuous exposures from all sources and are intended to provide a prudent margin of safety for all persons, regardless of age, gender, *size*, or health.

As shown in the table and chart below, separate limits apply for occupational and public exposure conditions, with the latter limits (in *italics* and/or dashed) up to five times more restrictive:

Frequency Applicable Range (MHz)	Electromagnetic Fields (f is frequency of emission in MHz)					
	Electric Field Strength (V/m)		Magnetic Field Strength (A/m)		Equivalent Far-Field Power Density (mW/cm <sup>2</sup> )	
0.3 - 1.34	614	<i>614</i>	1.63	<i>1.63</i>	100	<i>100</i>
1.34 - 3.0	614	<i>823.8/f</i>	1.63	<i>2.19/f</i>	100	<i>180/f<sup>2</sup></i>
3.0 - 30	1842/f	<i>823.8/f</i>	4.891/f	<i>2.19/f</i>	900/f <sup>2</sup>	<i>180/f<sup>2</sup></i>
30 - 300	61.4	<i>27.5</i>	0.163	<i>0.0729</i>	1.0	<i>0.2</i>
300 - 1,500	3.54√f	<i>1.59√f</i>	√f/106	<i>√f/238</i>	f/300	<i>f/1500</i>
1,500 - 100,000	137	<i>61.4</i>	0.364	<i>0.163</i>	5.0	<i>1.0</i>



Higher levels are allowed for short periods of time, such that total exposure levels averaged over six or thirty minutes, for occupational or public settings, respectively, do not exceed the limits, and higher levels also are allowed for exposures to small areas, such that the spatially averaged levels do not exceed the limits. However, neither of these allowances is incorporated in the conservative calculation formulas in the FCC Office of Engineering and Technology Bulletin No. 65 (August 1997) for projecting field levels. Hammett & Edison has built those formulas into a proprietary program that calculates, at each location on an arbitrary rectangular grid, the **total** expected power density from any number of individual radio sources. The program allows for the description of buildings and uneven terrain, if required to obtain more accurate projections.

## RFR.CALC™ Calculation Methodology

### Assessment by Calculation of Compliance with FCC Exposure Guidelines

The U.S. Congress required (1996 Telecom Act) the Federal Communications Commission ("FCC") to adopt a nationwide human exposure standard to ensure that its licensees do not, cumulatively, have a significant impact on the environment. The maximum permissible exposure limits adopted by the FCC (see Figure 1) apply for continuous exposures from all sources and are intended to provide a prudent margin of safety for all persons, regardless of age, gender, size, or health. Higher levels are allowed for short periods of time, such that total exposure levels averaged over six or thirty minutes, for occupational or public settings, respectively, do not exceed the limits.

#### Near Field.

Prediction methods have been developed for the near field zone of panel (directional) and whip (omnidirectional) antennas, typical at wireless telecommunications cell sites. The near field zone is defined by the distance, D, from an antenna beyond which the manufacturer's published, far field antenna patterns will be fully formed; the near field may exist for increasing D until some or all of three conditions have been met:

$$1) D > \frac{2h^2}{\lambda} \qquad 2) D > 5h \qquad 3) D > 1.6\lambda$$

where h = aperture height of the antenna, in meters, and

$\lambda$  = wavelength of the transmitted signal, in meters

The FCC Office of Engineering and Technology Bulletin No. 65 (August 1997) gives this formula for calculating power density in the near field zone about an individual RF source:

$$\text{power density } S = \frac{180}{\theta_{BW}} \times \frac{0.1 \times P_{net}}{\pi \times D \times h}, \text{ in mW/cm}^2,$$

where  $\theta_{BW}$  = half-power beamwidth of antenna, in degrees, and

$P_{net}$  = net power input to the antenna, in watts.

The factor of 0.1 in the numerator converts to the desired units of power density. This formula has been built into a proprietary program that calculates distances to FCC public and occupational limits.

#### Far Field.

OET-65 gives this formula for calculating power density in the far field of an individual RF source:

$$\text{power density } S = \frac{2.56 \times 1.64 \times 100 \times RFF^2 \times ERP}{4 \times \pi \times D^2}, \text{ in mW/cm}^2,$$

where ERP = total ERP (all polarizations), in kilowatts,

RFF = relative field factor at the direction to the actual point of calculation, and

D = distance from the center of radiation to the point of calculation, in meters.

The factor of 2.56 accounts for the increase in power density due to ground reflection, assuming a reflection coefficient of 1.6 ( $1.6 \times 1.6 = 2.56$ ). The factor of 1.64 is the gain of a half-wave dipole relative to an isotropic radiator. The factor of 100 in the numerator converts to the desired units of power density. This formula has been built into a proprietary program that calculates, at each location on an arbitrary rectangular grid, the total expected power density from any number of individual radiation sources. The program also allows for the description of uneven terrain in the vicinity, to obtain more accurate projections.



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Methodology  
Figure 2

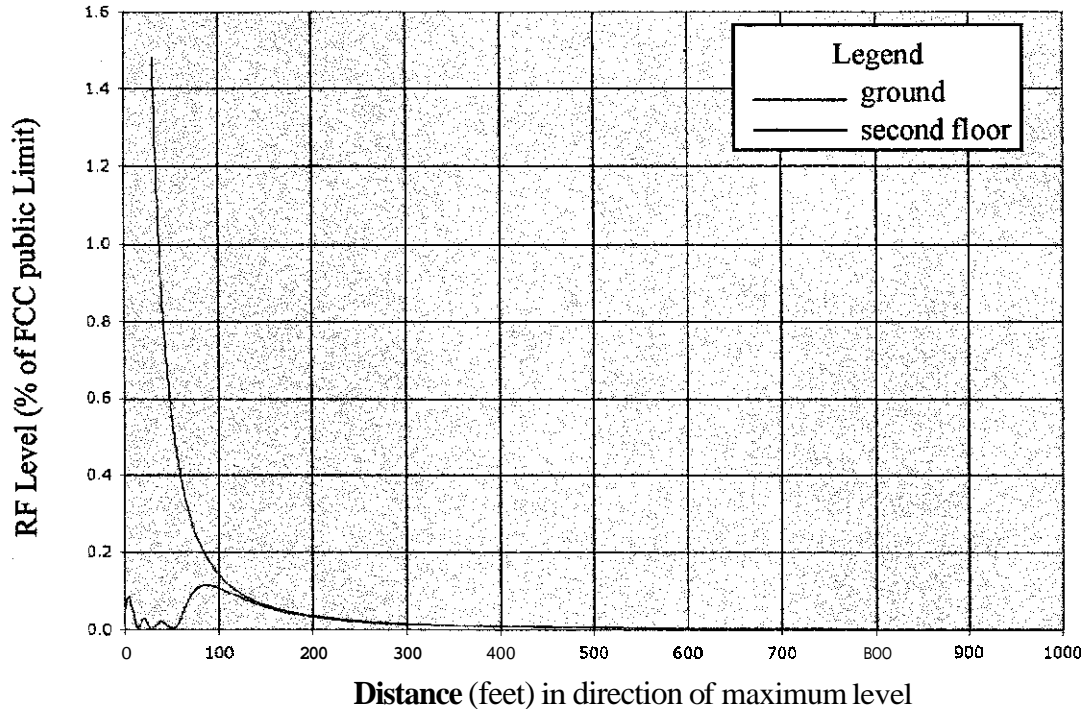
EXHIBIT H

**AT&T Wireless • Proposed Base Station (Site No. SNFCCA1448)  
9601 Soquel Drive • Aptos, California**

**Compliance with Santa Cruz County Code §13.10.659(g)(2)(ix)**

'Compliance with the FCC's non-ionizing electromagnetic radiation (NIE) standards or other applicable standards shall be demonstrated for any new wireless communication facility through submission, at the time of application for the necessary permit or entitlement, of NIE calculations specifying NIE levels in the area surrounding the proposed facility. Calculations shall be made of expected NIE exposure levels during **peak** operation periods at a range of distances from fifty (50) to one thousand (1,000) feet, taking into account cumulative NIE exposure levels from the proposed source in combination with all other existing NIE transmission sources within a one-mile radius. This should also include a **plan to ensure that the public would be kept at a safe distance** from any NIE transmission source associated with the proposed wireless communication facility, consistent with the NIE standards of the FCC, or any potential future superceding standards."

**Calculated Cumulative NIE Exposure Levels during Peak Operation Periods**



RF level (% limit)

Distance (feet)	50	100	200	300	500	750	1,000
ground	0.0021%	0.11%	0.033%	0.014%	0.0053%	0.0022%	0.0013%
second floor	0.57%	0.14%	0.036%	0.016%	0.0057%	0.0026%	0.0014%

Calculated using formulas in FCC Office of Engineering Technology Bulletin No. 65 (1997), considering terrain variations within 1,000 feet of site.

**Maximum effective radiated power (peak operation) - 40 watts**

**Effective AT&T antenna height above ground - 26 feet**

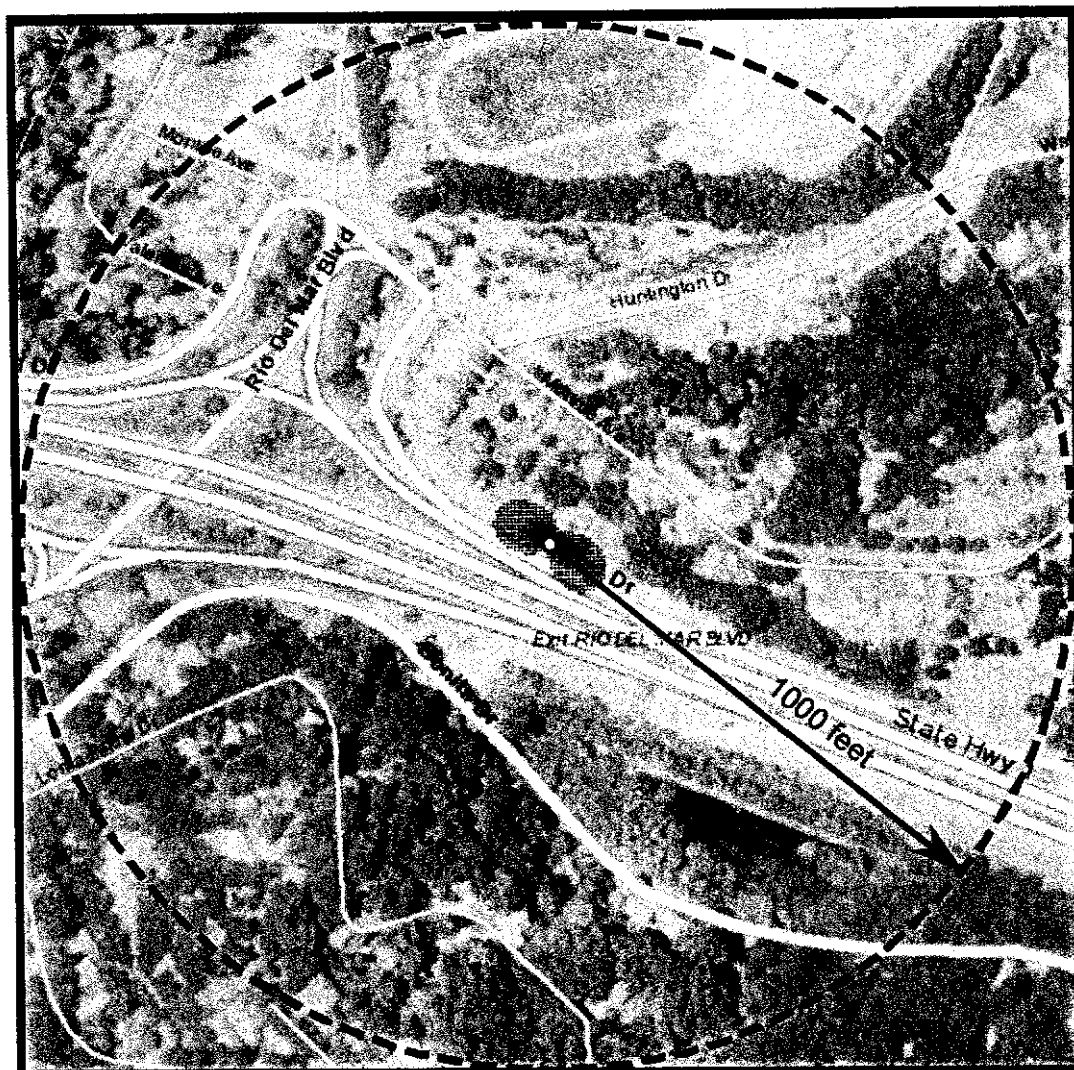
**Other sources nearby - None**

**Other sources within one mile - No AM, FM, or TV broadcast stations  
No two-way stations close enough to affect compliance**

**Plan for restricting public access - Antennas are mounted on a tall utility pole**

AT&T Wireless • Proposed Base Station (Site No. JNFCCA1448)  
9601 Soquel Drive • Aptos, California

Calculated NIER Exposure Levels  
Within 1,000 Feet of Proposed Site



Aerial photo from Maps a la Carte, Inc.

Legend

- blank - less than 0.1% of FCC public limit (*i.e.*, more than 1,000 times below)
- ▨ - 0.1% and above near ground level (highest level is 0.11%)
- ▩ - 0.1% and above at 2nd floor level (highest level is 1.5%)

Calculated using formulas in FCC Office of Engineering Technology Bulletin No. 65 (1997), considering terrain variations within 1,000 feet of site. See text for further information.



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AT1448595  
Figure 3B

EXHIBIT



Alternative Site Analysis Site 8060

AT&T Wireless **Services** wants to build 4 Micro sites along Highway 1 South of Aptos, California. Each site is designed to cover a small portion of the highway and provide services to our customers. This Micro site ~~as~~ opposed to Marco site which are designed to cover a large area. The zoning, land ownership and topography along ~~this~~ portion of Highway 1 south of Aptos make the use of Micro cells a very good solution to the coverage needs of the area.

Each of the four sites covers a very small section of the highway due to the low elevation of the antennas on the poles and the topography of the land. Thus each site is very important to the system of micro sites. Site 8060 ~~as~~ AT&T knows it covers an area of the highway not covered by the site to the north. Site 8062 will provide the coverage to the south.

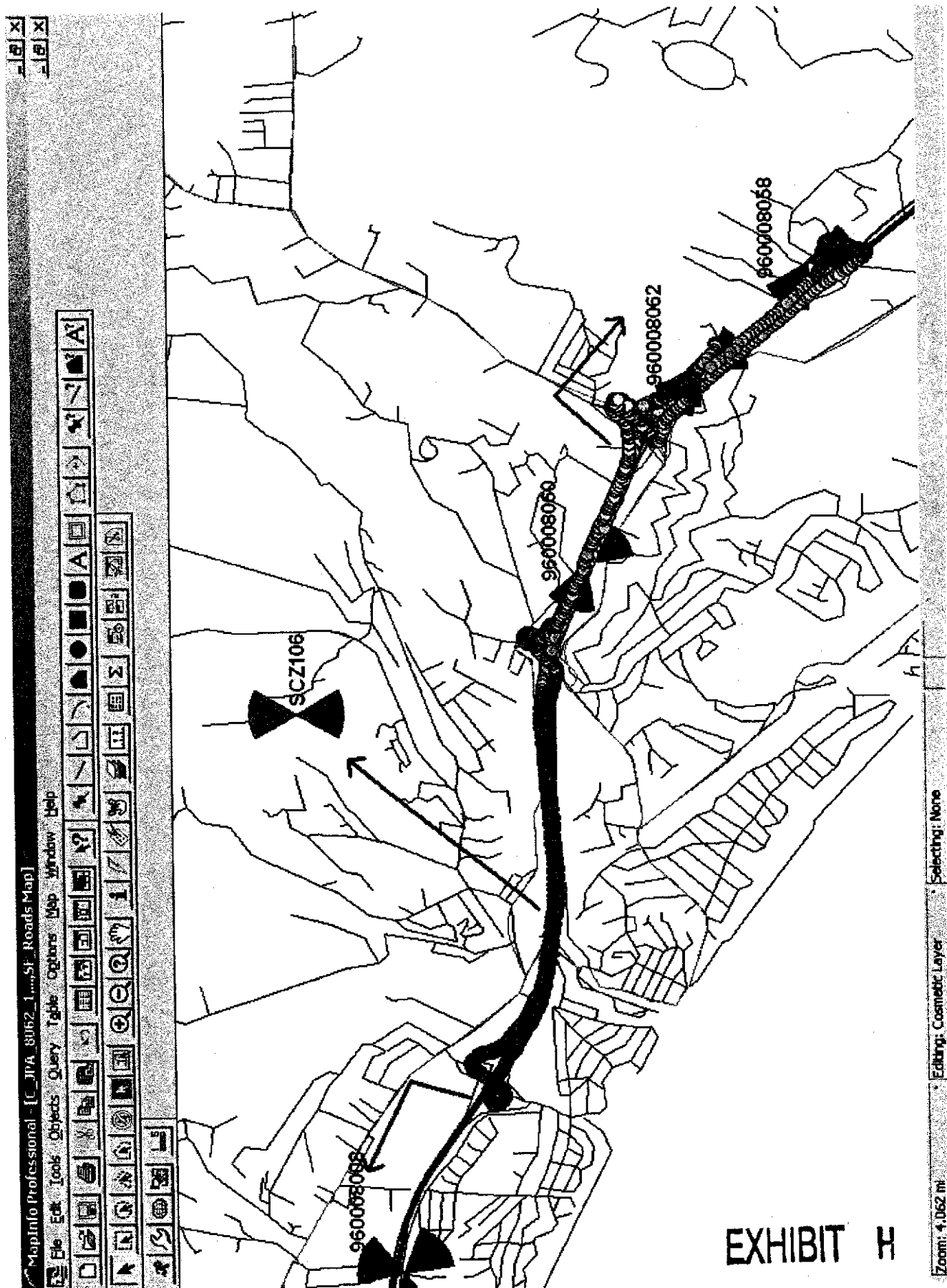
I have attached two coverage maps that show the coverage from the proposed site for 8060. The coverage map was generated by placing a transmitter ~~at~~ the elevation the antenna will be on the pole and next to the pole. The tester then drove his ~~car~~ and measured the signal strength along highway 1 (Map labeled 96008060-SPA House). We ~~then~~ tested the location for 8062 by placing the transmitter ~~at~~ the elevation the antenna would be installed on the pole and repeated the drive test (Map 960008062 PA-8062 @ 21 ft). The two sites will provide the coverage needed to fill in the coverage hole in the Aptos area for AT&T. Green ~~meets~~ the coverage goals while red indicate poor coverage or no coverage.

The pole is located in a PA zone. This installation will be a co-location on an existing utility pole located in the right-of-way owned by Santa **Cruz** County Public Works.

The coverage pattern of the antennas will be directed up and down Highway 1 to provide coverage for driver's on Highway 1.

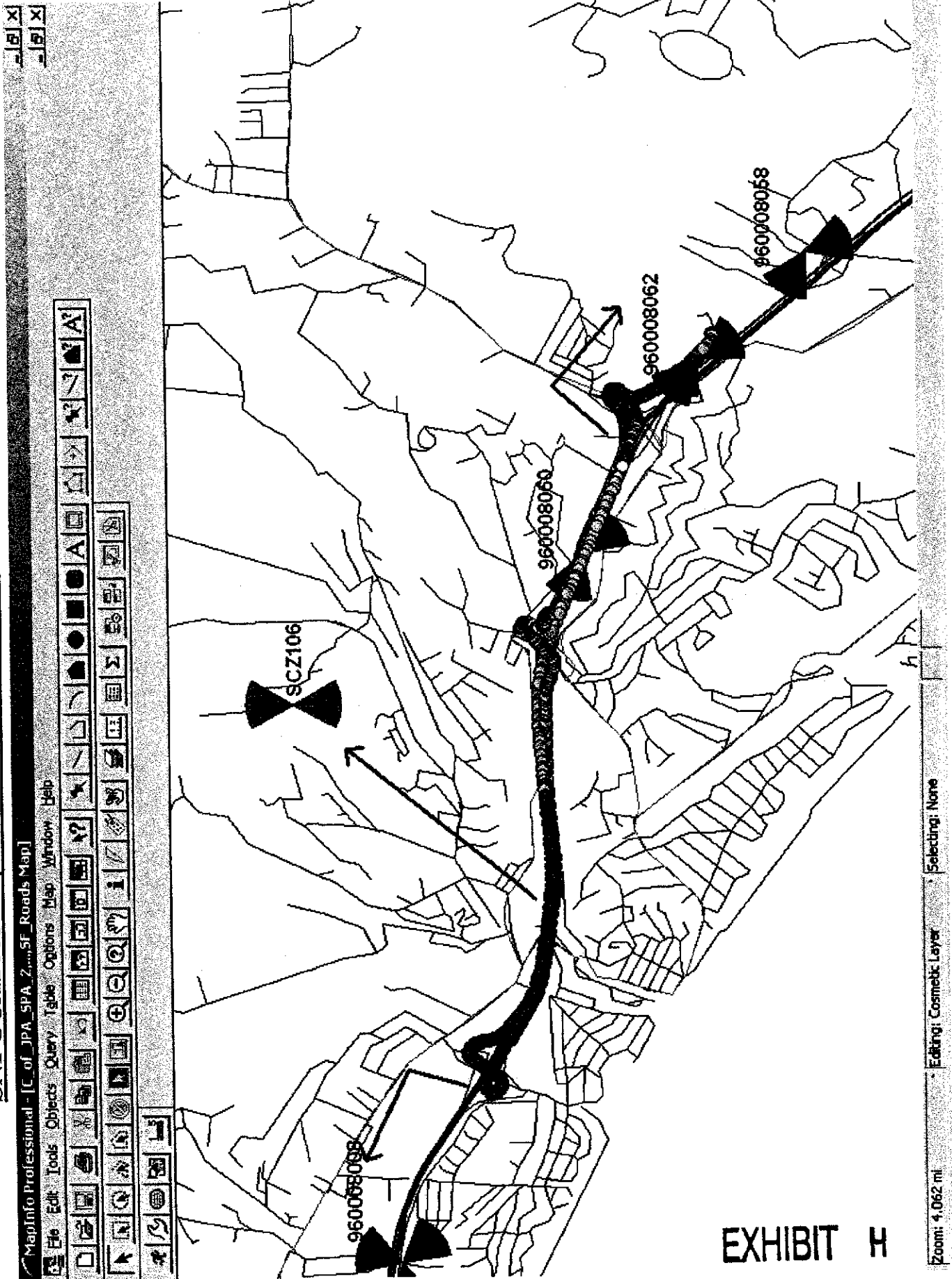


**SNFCCA1414 (960008062) JPA-8062 @21 ft**



**EXHIBIT H**

**SNECCA1448 (960008060)-SPA House**



**EXHIBIT H**



**AT&T Wireless**

2729 Prospect Park Drive  
Rancho Cordova, CA 95670

July 6, 2004

Santa Cruz County  
701 Ocean Street  
Santa Cruz, California  
95060

Re: Site 8060                      Located at 9601 Soquel Drive, Aptos, Ca

AT&T Wireless will maintain all of their sites to the utmost of technical and aesthetic excellence both inside and out. Aesthetically, we will make certain that all of shelters, towers, tree poles, and antennas remain in good visual conditions so as to make sure the continued mitigation of the visual impacts to the surrounding areas. Our Field Operation Teams visit each communications site twice monthly, on average. Additionally, contractors, (landscapers, and pest and weed control teams), who serve as another set of eyes for our field teams service the sites, on regular basis. Our field teams have the use of several local contractors/ specialists at their disposal when immediate response is required to help them achieve the goals of excellent site maintenance.

Our Field Operation Teams are dedicated to ensure that our communications site do not become a blemish on the community landscape. One of our several contractors that are routinely utilized in the County of Santa Cruz is a company called "Dennison's". The Dennison's company is located at 22550 Hennings Ct., Hayward, Ca., 94541 and quickly responds to many needs of our Operation personnel in the various areas. Nathan is our local contact and can be reached at 510-581-5308.

Sincerely,

Craig Bloom  
Program Manager

10/07

10/07

**EXHIBIT H**



Recycled Paper



C O U N T Y   O F   S A N T A   C R U Z  
D I S C R E T I O N A R Y   A P P L I C A T I O N   C O M M E N T S

Project Planner: Randall Adams  
Application No. : 04-0335  
APN: NO APN\_SPEC

Date: September 10, 2004  
Time: 08:24:25  
Page: 1

Dpw Driveway/Encroachment Completeness Comments

LATEST COMMENTS HAVE **NOT YET** BEEN SENT TO PLANNER FOR THIS AGENCY

===== REVIEW ON JULY 28, 2004 BY RUTH L ZADESKY =====  
no comment

Dpw Driveway/Encroachment Miscellaneous Comments

LATEST COMMENTS HAVE **NOT YET** BEEN SENT TO PLANNER FOR THIS AGENCY

===== REVIEW ON JULY 28, 2004 BY RUTH L ZADESKY =====  
No comment.

Aptos-La Selva Beach Fire Prot Dist Completeness C

LATEST COMMENTS HAVE **NOT YET** BEEN SENT TO PLANNER FOR THIS AGENCY

===== REVIEW ON AUGUST 5, 2004 BY ERIN K STOW =====  
DEPARTMENT NAME:Aptos/La Selva Fire Dept. APPROVED

Aptos-La Selva Beach Fire Prot Dist Miscellaneous

LATEST COMMENTS HAVE **NOT YET** BEEN SENT TO PLANNER FOR THIS AGENCY

===== REVIEW ON AUGUST 5, 2004 BY ERIN K STOW =====  
NO COMMENT



# County of Santa Cruz

## DEPARTMENT OF PUBLIC WORKS

701 OCEAN STREET, ROOM 410, SANTA CRUZ, CA 95060-4070  
(831) 454-2160 FAX (831) 454-2385 TDD (831) 454-2123

THOMAS L. BOLICH  
DIRECTOR OF PUBLIC WORKS

May 27, 2004

AT&T WIRELESS  
In Care of Roger Haas  
Lyle Company  
117 Spreading Oak Drive  
Santa Cruz, CA 95066

SUBJECT: MICRO-CELL INSTALLATION AT 9601 SOQUEL DRIVE  
AND 715 GRAHAM HILL ROAD

Dear Mr. Haas:

This is in response to your letter requesting an encroachment permit for a micro-cell installation on an existing Pacific Gas and Electric pole located at 9601 Soquel Drive at Del Rio Day Spa (site 8060) and 715 Graham Hill Road at the Santa Cruz Water Treatment access (site 8034).

The Public Works Department will not require you to obtain a permit from our encroachment section for this installation.

If you have any questions regarding this letter, please contact the undersigned at (831) 454-2376.

Yours truly,

THOMAS L. BOLICH  
Director of Public Works

By: *Ruth Zadesky*  
Ruth Zadesky  
Encroachment Inspector

RZ:mh

SOQGRAMMH