

MONTEREY COUNTY PLANNING COMMISSION

Meeting: June 30, 2010	Time: 9:30 A.M	Agenda Item No.: 3
Project Description: Use Permit and Design Approval to allow temporary cellular broadcasting from a portable Cell on Wheels (COW) trailer measuring approximately 60 feet in height. The mobile unit (COW) will be connected to PG&E service for electrical power. Temporary cellular broadcasting is requested for six months in duration or until the permanent facility has been constructed and is in operation (PLN090385), which ever occurs first.		
Project Location: 26 Via Contenta, Carmel Valley		APN: 187-433-004-000
Planning File Number: PLN100206		Owner: Carmel Valley Fire Protection District Agent: AT&T Mobility
Planning Area: Carmel Valley Master Plan		Flagged and staked: Yes
Zoning Designation: : PQP-D-S-RAZ or "Public/Quasi-Public with Design Control, Site Plan Review, and Residential Allocation Zoning Overlays"		
CEQA Action: Categorically Exempt per Section 15304(e)		
Department: RMA - Planning Department		

RECOMMENDATION:

Staff recommends that the Planning Commission adopt a resolution (**Exhibit B**) to:

- 1) Find the project categorically exempt per Section 15304(e) of the California Environmental Quality Act Guidelines.
- 2) Approve PLN100206, based on the findings and evidence and subject to the conditions of approval (**Exhibit B**):

PROJECT OVERVIEW:

The subject site is a 1.59-acre parcel located at 26 Via Contenta in Carmel Valley. The applicant requests approval of a Use Permit and Design Approval to allow temporary cellular broadcasting from a portable "Cell on Wheels" (COW) mobile unit measuring approximately 60 feet in height. The request for temporary broadcasting service is for six months in duration (December 30, 2010) or until the permanent facility (PLN090385) has been constructed and is in operation. If the permanent facility is not in operation prior to the expiration date, the applicant will be required to apply for an extension request as outlined in Section 21.74.110 of Monterey County Code, Title 21.

Parcel Layout

The project site is located in the Carmel Valley Village area, at the Carmel Valley Fire Protection District Fire Station, adjacent to the intersection of Via Contenta and Pilot Road. The northwestern and northeastern sections of the property are paved parking area, used for both fire personnel and the public. The southeastern perimeter of the property is screened from the adjacent residential development by Monterey Pine trees of varying age and size. The southwestern perimeter of the parcel is adjacent to a public storage facility. The bulk of the parcel is paved as a result of the existing fire station and related uses.

The portable COW unit will be located in the southeastern portion of the property to allow for some screening of the telescoping tower. This portion of the property is accessed by driving through the paved area on the northwestern side of the property, before turning 90 degrees and continuing east to the southeastern area, along and behind the existing fire station.

Request for Temporary Permit

AT&T's desire for temporary cellular broadcasting and placement of a mobile unit (COW) is due to the pending termination of an existing lease agreement with another carrier (for use of facilities); therefore jeopardizing the ability of AT&T to maintain their existing coverage and service being provided to the Carmel Valley Area.

The applicant submitted an application request for a permanent facility at this location. The application was not submitted and in meeting with the applicant, it was discussed that a temporary facility could be processed more quickly than a permanent facility. The applicant desires to place the COW online as soon as possible.

The application for the permanent facility has not yet been submitted, to allow refinement of the overall design. At this point, obtaining approval of a Use Permit for the permanent facility, obtaining building permits and construction of the facility within a six month period will be quite an accomplishment. Staff is sticking with the recommendation for six month expiration in order to maintain this as a truly temporary facility. It would, however, be reasonable to consider an extension of the temporary use if the applicant has been able to obtain approval of the permanent facility and pull a building permit. In that case, a two-month extension could be approved administratively. A condition has been added to address this possibility.

Mobile Unit (COW) Configuration

The mobile unit (COW) facility will consist of an approximately 60 foot tall telescoping trailer mounted tower; six tower mounted antennas; and a trailer mounted equipment shelter. Electrical and telephone service will be supplied to the unit via overhead utility feeds. An emergency generator (16 gallons) will also be mounted to the mobile trailer, and can be utilized in the event of the loss of electrical service.

Hazardous Materials/Storage

The Environmental Health Division (EHD) reviewed the proposed mobile trailer mounted unit and associated emergency generator for hazardous materials related to fuel storage; finding that no hazardous materials registration requirements apply and cleared the project from a hazardous materials perspective.

Visual Impacts

The COW has been located behind and adjacent to a small group of Monterey Pine trees, measuring 65-75 feet, on the southeastern side of the parcel in order to minimize disruption of views from existing homes and to provide some screening from the surrounding public roads. Although this location provides screening, the telescoping pole will be visible from public views and roads, including Carmel Valley Road, Pilot Road, Via Contenta, Ford Road, Virginia Way, Merrill Way, El Caminito Road, and Lupin Lane. The temporary facility has been located in an area that minimizes visual impacts to the greatest extent feasible; due to the temporary nature of this application, additional screening and camouflaging is infeasible for this application.

The temporary facility, telescoping pole, and mobile trailer unit have been positioned in an area to provide maximum screening and diminish visual impacts to the greatest extent possible, therefore being in compliance with Carmel Valley Master Plan policy 26.1.32, which states, "*development should be located in a manner that minimizes disruption of views from existing homes.*"

California Environmental Quality Act (CEQA)

California Environmental Quality Act (CEQA) Guidelines Section 15304(e) categorically exempts minor temporary use of land having negligible or no permanent effects on the environment. The project involves the use a temporary trailer-mounted mobile cellular broadcasting unit, having no permanent foundation. The unit will be connected to electrical service, utilizing a generator only for emergency power outages; therefore a negligible amount hazardous material (fuel) will be stored on site. The Environmental Health Department – Hazardous Materials Division reviewed the project and cleared the project with conditions.

Although the application for the temporary site can be determined to be exempt from CEQA, staff has informed AT&T that the permanent facility, once applied for, will not be exempt and an Initial Study will need to be prepared and circulated, addressing all environmental impacts, including but not limited to Visual Impacts.

Recommendation

The temporary facility, telescoping pole, and mobile trailer unit have been positioned in an area to provide maximum screening and diminish visual impacts to the greatest extent feasible, involves no negligible hazardous materials, and is CEQA exempt; therefore, staff recommends that the Planning Commission approve the Use Permit and Design Approval to allow the installation of the temporary wireless facility for a period of six months, as proposed.

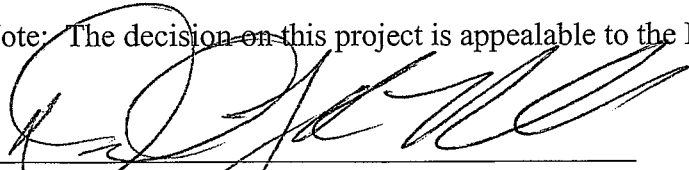
OTHER AGENCY INVOLVEMENT: The following agencies and departments reviewed this project:

- √ RMA - Public Works Department
- √ Environmental Health Division
- √ Water Resources Agency
- √ Carmel Valley Fire Protection District

Agencies that submitted comments are noted with a check mark (“√”). Conditions recommended by the RMA – Planning Department have been incorporated into the Condition Compliance Matrix attached as Exhibit 1 to the draft resolution (**Exhibit B**).

The project was reviewed by the Carmel Valley Land Use Advisory Committee on May, 17, 2010. The CVLUAC recommended approval of the project by a vote of 4-1 (2 members absent), however, expressed concerns that approval should not be construed as a precedent for the approval of the application for a permanent structure.

Note: ~~The decision on this project is~~ appealable to the Board of Supervisors.


David J. R. Mack, Assistant Planner
(831) 755-5096; mackd@co.monterey.ca.us
June 10, 2010

cc: Front Counter Copy; Planning Commission; Carmel Valley Fire Protection District; Public Works Department; Environmental Health Division; Water Resources Agency; John Ford, Planning Services Manager; David J. R. Mack, Project Planner; Carol Allen, Senior Secretary; Carmel Valley Fire Protection District, Owner; Evan Shepherd Reiff (AT&T Mobility), Agent; Tasha Skinner (AT&T Mobility), Agent; Planning File PLN100206

Attachments: Exhibit A Project Data Sheet
Exhibit B Draft Resolution, including:
1. Conditions of Approval
2. Site Plan, Floor Plan and Elevations
Exhibit C Vicinity Map
Exhibit D Advisory Committee Minutes (CVLUAC)
Exhibit E Radio Frequency – Electromagnetic Energy (RF-EME)
Compliance Report

This report was reviewed by John Ford, Planning Services Manager

EXHIBIT A

PROJECT DATA SHEET

Exhibit A
Project Information for PLN100206

Project Title: Carmel Valley Fire (ATT)	Primary APN: 187-433-004-000
Location: 26 Via Contenta, CV	Coastal Zone: NO
Applicable Plan: Carmel Valley Master Plan	Zoning: PQP-D-S-RAZ
Permit Type: Use Permit & Design Approval	Plan Designation: Public / Quasi-Public
Environmental Status: Exempt per 15304(e)	Final Action Deadline: N/A
Advisory Committee: Carmel Valley	

Project Site Data:

Lot Size: 1.59 acres	Coverage Allowed: N/A
	Coverage Proposed: N/A
Existing Structures (sf): N/A	Height Allowed: N/A
Proposed Structures (sf): N/A	Height Proposed: 60' 2"
Total Square Feet: 625	FAR Allowed: N/A
	FAR Proposed: N/A

Resource Zones and Reports

Environmentally Sensitive Habitat: N/A	Erosion Hazard Zone: N/A
Botanical Report #: N/A	Soils/Geo. Report #: N/A
Forest Mgt. Report #: N/A	Geologic Hazard Zone: III
	Geologic Report #: N/A
Archaeological Sensitivity Zone: HIGH	Traffic Report #: N/A
Archaeological Report #: N/A	
Fire Hazard Zone: N/A	

Other Information:

Water Source: N/A	Sewage Disposal (method): N/A
Water District/Company: N/A	Sewer District Name: N/A
Fire District: Carmel Valley Fire	Grading (cubic yds): N/A
Tree Removal (Count/Type): N/A	

EXHIBIT B

DRAFT RESOLUTION, INCLUDING:

1. CONDITIONS OF APPROVAL
2. SITE PLAN, FLOOR PLAN
AND ELEVATIONS

**EXHIBIT B
DRAFT RESOLUTION**

**Before the Planning Commission in and for the
County of Monterey, State of California**

In the matter of the application of:

**CARMEL VALLEY FIRE PROTECTION DISTRICT (PLN100206)
RESOLUTION NO. ----**

Resolution by the Monterey County Planning
Commission:

- 1) Finding the project categorically exempt per Section 15304(e) of the California Environmental Quality Act Guidelines;
- 2) Approving the Use Permit and Design Approval to allow temporary cellular broadcasting from a portable Cell on Wheels (COW) trailer. Mobile unit (COW) will be connected to PG&E service for electrical power. Request for temporary cellular broadcasting not to exceed six months in duration or until the permanent facility has been constructed and in is operation (PLN090385), which ever occurs first.

(PLN100206, CARMEL VALLEY FIRE PROTECTION DISTRICT, 26 VIA CONTENTA, CARMEL VALLEY, CARMEL VALLEY MASTER PLAN (APN: 187-433-004-000)

The Use Permit and Design Approval application (PLN100206) came on for public hearing before the Monterey County Planning Commission on June 30, 2010. Having considered all the written and documentary evidence, the administrative record, the staff report, oral testimony, and other evidence presented, the Planning Commission finds and decides as follows:

FINDINGS

1. **FINDING:** **CONSISTENCY** – The Project, as conditioned, is consistent with the applicable plans and policies which designate this area as appropriate for development.

EVIDENCE: a) During the course of review of this application, the project has been reviewed for consistency with the text, policies, and regulations in:

- the Monterey County General Plan,
- Carmel Valley Master Plan,
- Carmel Valley Master Plan, Inventory and Analysis,
- Monterey County Zoning Ordinance (Title 21)

No conflicts were found to exist. No communications were received during the course of review of the project indicating any inconsistencies with the text, policies, and regulations in these documents.

b) The property is located at 26 Via Contenta, Carmel Valley (Assessor's Parcel Number 187-433-004-000, Carmel Valley Master Plan. The

parcel is zoned PQP-D-S-RAZ or "Public/Quasi-Public with Design Control, Site Plan Review, and Residential Allocation Zoning Overlays", which allows wireless communication facilities subject to approval of a Use Permit. Therefore, the project is an allowed land use for this site.

- c) The project planner conducted a site inspection on April 28, 2010 and May 17, 2010 to verify that the project on the subject parcel conforms to the plans listed above.
- d) The project was referred to the Carmel Valley Land Use Advisory Committee (LUAC) for review. Based on the LUAC Procedure guidelines adopted by the Monterey County Board of Supervisors per Resolution No. 08-338, this application did warrant referral to the LUAC because the project involves a Design Approval subject to review by the Planning Commission, and involves a discretionary permit which raises a significant land use concern involving visibility from the surrounding area.
- e) The application, project plans, and related support materials submitted by the project applicant to the Monterey County RMA - Planning Department for the proposed development found in Project File PLN100206.

2. **FINDING:** **SITE SUITABILITY** – The site is physically suitable for the use proposed.

- EVIDENCE:**
- a) The project has been reviewed for site suitability by the following departments and agencies: RMA - Planning Department, Carmel Valley Fire Protection District, Public Works, Environmental Health Division, and Water Resources Agency. There has been no indication from these departments/agencies that the site is not suitable for the proposed development. Conditions recommended have been incorporated into Exhibit 1.
 - b) Staff conducted a site inspection on April 28, 2010 and May 17, 2010 to verify that the site is suitable for this use.
 - c) The application, project plans, and related support materials submitted by the project applicant to the Monterey County RMA - Planning Department for the proposed development found in Project File PLN100206.

3. **FINDING:** **HEALTH AND SAFETY** - The establishment, maintenance, or operation of the project applied for will not under the circumstances of this particular case be detrimental to the health, safety, peace, morals, comfort, and general welfare of persons residing or working in the neighborhood of such proposed use, or be detrimental or injurious to property and improvements in the neighborhood or to the general welfare of the County.

- EVIDENCE:**
- a) The project was reviewed by RMA - Planning Department, Carmel Valley Fire Protection District, Public Works, Environmental Health Division, and Water Resources Agency. The respective departments/agencies have recommended conditions, where appropriate, to ensure that the project will not have an adverse effect on the health, safety, and welfare of persons either residing or working in the neighborhood.

- b) Preceding findings and supporting evidence for PLN100206.
4. **FINDING:** **NO VIOLATIONS** - The subject property is in compliance with all rules and regulations pertaining to zoning uses, subdivision, and any other applicable provisions of the County's zoning ordinance. No violations exist on the property.
- EVIDENCE:** a) Staff reviewed Monterey County RMA - Planning Department and Building Services Department records and is not aware of any violations existing on subject property.
- b) Staff conducted a site inspection on April 28, 2010 and May 17, 2010 and researched County records to assess if any violation exists on the subject property.
- c) There are no known violations on the subject parcel.
- d) The application, plans and supporting materials submitted by the project applicant to the Monterey County Planning Department for the proposed development are found in Project File PLN100206.
5. **FINDING:** **CEQA (Exempt):** - The project is categorically exempt from environmental review and no unusual circumstances were identified to exist for the proposed project.
- EVIDENCE:** a) California Environmental Quality Act (CEQA) Guidelines Section 15304(e) categorically exempts minor temporary use of land having negligible or no permanent effects on the environment.
- b) The project involves the use a temporary trailer-mounted mobile cellular broadcasting unit, having no permanent foundation. The unit will be connected to electrical service, utilizing a generator only for emergency power outages; therefore a negligible amount hazardous material (fuel) will be stored on site.
- c) The Environmental Health Division (EHD) reviewed the proposed mobile trailer mounted unit and associated emergency generator for hazardous materials related to fuel storage; finding that no hazardous materials registration requirements apply and cleared the project from a hazardous materials perspective.
- d) No adverse environmental effects were identified during staff review of the development application during a site visit on April 28, 2010 and May 17, 2010.
- e) See preceding and following findings and supporting evidence.
6. **FINDING:** **APPEALABILITY** - The decision on this project may be appealed to the Board of Supervisors.
- EVIDENCE:** a) Section 21.80.040(D) Monterey County Zoning Ordinance.

DECISION

NOW, THEREFORE, based on the above findings and evidence, the Planning Commission does hereby:

- 1) Find the project categorically exempt per Section 15304(e) of the California Environmental Quality Act Guidelines; and
- 2) Approve PLN100206, based on the findings and evidence and subject to the conditions of approval (**Exhibit B**):

PASSED AND ADOPTED this ____ day of ____, 2010 upon motion of _____, seconded by _____, by the following vote:

AYES:
NOES:
ABSENT:
ABSTAIN:

Mike Novo, Secretary, Planning Commission

COPY OF THIS DECISION MAILED TO APPLICANT ON _____.

THIS APPLICATION IS APPEALABLE TO THE BOARD OF SUPERVISORS.

IF ANYONE WISHES TO APPEAL THIS DECISION, AN APPEAL FORM MUST BE COMPLETED AND SUBMITTED TO THE CLERK TO THE BOARD ALONG WITH THE APPROPRIATE FILING FEE ON OR BEFORE _____.

This decision, if this is the final administrative decision, is subject to judicial review pursuant to California Code of Civil Procedure Sections 1094.5 and 1094.6. Any Petition for Writ of Mandate must be filed with the Court no later than the 90th day following the date on which this decision becomes final.

NOTES

1. You will need a building permit and must comply with the Monterey County Building Ordinance in every respect.

Additionally, the Zoning Ordinance provides that no building permit shall be issued, nor any use conducted, otherwise than in accordance with the conditions and terms of the permit granted or until ten days after the mailing of notice of the granting of the permit by the appropriate authority, or after granting of the permit by the Board of Supervisors in the event of appeal.

Do not start any construction or occupy any building until you have obtained the necessary permits and use clearances from the Monterey County Planning Department and Building Services Department office in Salinas.

2. This permit expires **6 months** after the above date of granting thereof unless construction or use is started within this period.

RESOLUTION ### - EXHIBIT 1
Monterey County Resource Management Agency
Planning Department
Condition Compliance and/or Mitigation Monitoring
Reporting Plan

Project Name: Carmel Valley Fire (AT&T)
File No: PLN100206 **APNs:** 187-433-004-000
Approved by: Planning Commission **Date:** June 30, 2010

**Monitoring or Reporting refers to projects with an EIR or adopted Mitigated Negative Declaration per Section 21081.6 of the Public Resources Code.*

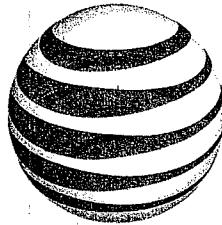
<i>Permit Cond. Number</i>	<i>Mitig. Number</i>	<i>Conditions of Approval and/or Mitigation Measures and Responsible Land Use Department</i>	<i>Compliance or Monitoring Actions to be performed. Where applicable, a certified professional is required for action to be accepted.</i>	<i>Responsible Party for Compliance</i>	<i>Timing</i>	<i>Verification of Compliance (name/date)</i>
RMA – Planning Department						
1.		<p>PD001 - SPECIFIC USES ONLY This Use Permit and Design Approval (PLN100206) allows temporary cellular broadcasting from a portable Cell on Wheels (COW) trailer. Mobile unit (COW) will be connected to PG&E service for electrical power. The request for temporary cellular broadcasting is for six months in duration or until the permanent facility has been constructed and is in operation (PLN090385), which ever occurs first. The property is located at 26 Via Contenta, Carmel Valley (Assessor's Parcel Number 187-433-004-000), Carmel Valley Master Plan. This permit was approved in accordance with County ordinances and land use regulations subject to the following terms and conditions. Any use or construction not in substantial conformance with the terms and conditions of this permit is a violation of County regulations and may result in modification or revocation of this permit and subsequent legal action. No use or construction other than that specified by this permit is allowed unless additional permits are approved by the appropriate authorities. (RMA-Planning Department)</p>	<p>Adhere to conditions and uses specified in the permit.</p> <p>Neither the uses nor the construction allowed by this permit shall commence unless and until all of the conditions of this permit are met to the satisfaction of the Director of the RMA - Planning Department.</p> <p>To the extent that the County has delegated any condition compliance or mitigation monitoring to the Monterey County Water Resources Agency, the Water Resources Agency shall provide all information requested by the County and the County shall bear ultimate responsibility to ensure that conditions and mitigation measures are properly fulfilled.</p>	<p>Owner/ Applicant</p> <p>RMA - Planning</p> <p>WRA RMA - Planning</p>	Ongoing unless otherwise stated	

<i>Permit Cond. Number</i>	<i>Mitig. Number</i>	<i>Conditions of Approval and/or Mitigation Measures and Responsible Land Use Department</i>	<i>Compliance or Monitoring Actions to be performed. Where applicable, a certified professional is required for action to be accepted.</i>	<i>Responsible Party for Compliance</i>	<i>Timing</i>	<i>Verification of Compliance (name/date)</i>
2.		PD002 - NOTICE-PERMIT APPROVAL The applicant shall record a notice which states: "A permit (Resolution _____) was approved by the Planning Commission for Assessor's Parcel Number 187-433-004-000 on June 30, 2010 . The permit was granted subject to 5 conditions of approval which run with the land. A copy of the permit is on file with the Monterey County RMA - Planning Department." (RMA-Planning Department)	Obtain appropriate form from the RMA-Planning Department. The applicant shall complete the form and furnish proof of recordation of this notice to the RMA - Planning Department.	Owner/ Applicant RMA- Planning	Prior to the issuance of grading and building permits or commencement of use.	
3.		PD032 - PERMIT TIME/YEAR & DATE The permit shall be granted for a time period of six (6) months , to expire on December 30, 2010 . If the applicant has obtained approval of a Use Permit and Design Review for the permanent facility and has obtained a building permit, this permit may be extended by a maximum of two (2) months administratively. (RMA – Planning Department)	None	Owner/ Applicant	As stated in the conditions of approval	
4.		PD025 - ANTENNA TOWER HEIGHT The tower shall not exceed 60 feet 2 inches in height. (RMA – Planning Department)	The applicant shall submit 3 copies of an elevation plan which shall indicate the maximum height of the tower to the RMA - Planning Department for review and approval.	Owner/ Applicant	Prior to the issuance of grading and building permits.	
			The RMA - Planning Department staff shall inspect the project site after construction and prior to Final Building Inspection to ensure compliance with condition.	Owner/ Applicant	Prior to final building inspection.	
5.		PD039(E) – WIRELESS COMMUNICATION FACILITIES The facility must comply with Federal Communications Commission (FCC) emission standards. If the facility is in violation of FCC emission standards, the Director of	Submit documentation demonstrating compliance with the FCC emission standards.	Owner/ Applicant	Prior to the commencement of use/ Ongoing	

<i>Permit Cond. Number</i>	<i>Mitig. Number</i>	<i>Conditions of Approval and/or Mitigation Measures and Responsible Land Use Department</i>	<i>Compliance or Monitoring Actions to be performed. Where applicable, a certified professional is required for action to be accepted.</i>	<i>Responsible Party for Compliance</i>	<i>Timing</i>	<i>Verification of Compliance (name/date)</i>
		the RMA – Planning Department shall set a public hearing before the Appropriate Authority whereupon the Appropriate Authority may, upon a finding based on substantial evidence that the facility is in violation of the then existing FCC emission standards, revoke the permit or modify the conditions of the permit. (RMA – Planning Department)	If the facility is in violation of FCC emission standards, a public hearing shall be set before the Appropriate Authority to consider revocation or modification of the permit.	Director of the RMA – Planning Department	Ongoing	

END OF CONDITIONS

Rev. 05/27/2010



at&t

CN3235-COW CARMEL VALLEY FIRE STATION 26 VIA CONTENTA CARMEL VALLEY, CALIFORNIA 93924

RECEIVED
MAY 03 2009
MONTEREY COUNTY
PLANNING & BUILDING
INSPECTION DEPT.

JRA
Jeffrey Rome & Associates, Inc.
Architecture & Telecommunications
1 San Joaquin Plaza, Suite 155
Newport Beach, California 92660
Phone: (949) 760-3009
Fax: (949) 760-3931

PROPRIETARY INFORMATION
THE INFORMATION CONTAINED IN THIS SET OF CONSTRUCTION DOCUMENTS IS PROPRIETARY TO JRA. ANY USE OR DISCLOSURE OTHER THAN THAT WHICH IS RELATED TO AT&T MOBILITY IS STRICTLY PROHIBITED.

STAMP



PREPARED FOR



4430 Rosewood Drive
Pleasanton, California 94588

APPROVALS

RF. ENGINEER	DATE
SITE ACOS AND ZONING	DATE
ERICSSON CM	DATE
AT&T CM	DATE
OWNER APPROVAL	DATE

PROJECT NAME

CARMEL VALLEY FIRE STATION

PROJECT NUMBER
CN3235-COW

26 VIA CONTENTA
CARMEL VALLEY, CA 93924
MONTEREY COUNTY

DRAWING DATES

04/29/10 COW REVISION (P2)

RFDS REVISION LEVEL 1.1

SHEET TITLE

TITLE SHEET

T-1

SPECIAL INSPECTIONS

1 CONCRETE	13.1 VERIFY SOIL CONDITIONS ARE SUBSTANTIALLY IN CONFORMANCE WITH THE SOIL INVESTIGATION REPORT
2 BOLTS INSTALLED IN CONCRETE	13.2 VERIFY THAT FOUNDATION ELEVATIONS EXTEND TO PROPER DEPTH AND BEARING STRATA
3 CONCRETE MOMENT-RESISTING SPACE FRAME	13.3 PROVIDE SOIL COMPRESSION TEST RESULTS, DEPTH OF FILL, RELATIVE DENSITY, BEARING VALUES
4 REINFORCING STEEL AND PRESTRESSING STEEL	13.4 PROVIDE SOIL EXPANSION TEST RESULTS, EXPANSION INDEX, RECOMMENDATIONS FOR FOUNDATIONS, ON-SITE GRADE FLOOR SLAB DESIGN FOR EACH BUILDING SITE
5.1 ALL STRUCTURAL WELDING	14 SWAGE CONTROL SYSTEM
5.2 WELD TESTING (DITCHLE, WIRENT-RESISTING STEEL FRAME)	15 SPECIAL CASES (DESCRIBE)
5.3 HELWING REINFORCING STEEL	16 OFF-SITE FABRICATION OF BUILDING COMPONENTS
6 HIGH-STRENGTH BOLTING	17 OTHER SPECIAL INSPECTIONS AS REQUIRED BY DESIGNER
7 STRUCTURAL WAGSHTY	
8 REINFORCED CONCRETE	
9 INSULATING CONCRETE FILL	
10 SPRAY-APPLIED FIREPROOFING	
11 DEEP FOUNDATIONS (PILING, DRILLED & CASINGS)	
12 SHOTCRETE	

NO. DESCRIPTION OF TYPE OF INSPECTION REQUIRED, LOCATION, REMARKS.

CONSULTANT TEAM

CLIENTS REPRESENTATIVE:

ERICSSON INC.
8160 STONERIDGE MALL ROAD
SUITE 400
PLEASANTON, CALIFORNIA 94588
CONSTRUCTION MANAGER:
JOHN FULJOH
PHONE: (510) 818-9991

REALCOM ASSOCIATES
14432 SEE CASTLE WAY, SUITE 200
BELMUS, WASHINGTON 98007
PHONE: (425) 274-4444
FAX: (425) 274-4448

SITE ACQUISITION & ZONING:
MATTHEW YERGOVICH
PHONE: (415) 598-3474

RF ENGINEER:
DANLO PALOMA (A162)
PHONE: (562) 534-7443

ARCHITECT:

JEFFREY ROME AND ASSOCIATES
3 SAN JOAQUIN PLAZA
SUITE 155
NEWPORT BEACH, CALIFORNIA 92660
PHONE: (702) 324-4339
FAX: (949) 760-3931
CONTACT: ROBIN NELSON

LAND SURVEYOR:

CAL VADA SURVEYING, INC.
411 JENKINS CIRCLE, SUITE 305
CORONA, CALIFORNIA 92880
PHONE: (951) 280-9960
FAX: (951) 280-9746
CONTACT: RAMON GONZALEZ

DEVELOPMENT SUMMARY

APPLICANT: AT&T MOBILITY
4430 ROSEWOOD DRIVE
PLEASANTON, CALIFORNIA 94588

OWNER: CARMEL VALLEY FIRE DEPARTMENT
26 VIA CONTENTA
CARMEL VALLEY, CALIFORNIA 93924
CONTACT: MICHAEL URQUIES
PHONE: TDD

OTHER ON-SITE TELECOM FACILITIES: NONE

PROJECT ADDRESS: 26 VIA CONTENTA
CARMEL VALLEY, CALIFORNIA 93924

ASSESSOR'S PARCEL NUMBER: 187-433-004-000

LATITUDE: 36° 28' 52.24" N
LONGITUDE: 121° 43' 55.35" W
LAT/LONG TYPE: NAD-83

EXISTING ZONING: T80

PROPOSED PROJECT AREA: 1765 SQ. FT.

PROPOSED TYPE OF CONSTRUCTION: TYPE V-B

PROPOSED OCCUPANCY: U

EXISTING TYPE OF CONSTRUCTION: NOT APPLICABLE

EXISTING OCCUPANCY: NOT APPLICABLE

JURISDICTION: CITY OF CARMEL VALLEY

COUNTY: MONTEREY

PROJECT DESCRIPTION

AT&T MOBILITY PROPOSES TO CONSTRUCT, OPERATE AND MAINTAIN AN UNMANNED TEMPORARY WIRELESS COMMUNICATIONS FACILITY. THIS FACILITY WILL CONSIST OF THE FOLLOWING:

- INSTALL (6) PROPOSED AT&T ANTENNAS MOUNTED ON A TEMPORARY CELL ON WHEELS (COW).
- INSTALL (24) RUIHS OF 7/8" COAX AND (6) AT&T'S.
- INSTALL WOODOR EQUIPMENT WITHIN A SUNWEST EQUIPMENT CABINET MOUNTED ON A TEMPORARY CELL ON WHEELS.
- UNDERGROUND UTILITY RUNS FOR ELECTRICAL AND TELEPHONE.

LEGAL DESCRIPTION

THAT PORTION OF LAND AS SHOWN AS 1.678 ACRES, IN LICENSED SURVEYOR'S MAP OF FORTIN ARMYR RANCH, IN THE CITY OF CARMEL VALLEY, COUNTY OF MONTEREY, STATE OF CALIFORNIA, FILED IN VOL. 4, PAGE 18, IN THE OFFICE OF THE COUNTY RECORDER OF SAID COUNTY.

SHEET INDEX

- T-1 TITLE SHEET
- A-0 SITE PLAN
- A-1 ENLARGED SITE PLAN
- A-2 NORTH-EAST ELEVATIONS
- A-3 SOUTH-EAST ELEVATIONS
- A-4 SOUTH-EAST ELEVATIONS
- A-5 COW SPECIFICATIONS
- C-1 SITE SURVEY (FOR REFERENCE ONLY)

APPLICABLE CODES

ALL WORK SHALL COMPLY WITH THE FOLLOWING APPLICABLE CODES:
CALIFORNIA BUILDING CODE, 2007 EDITION, BASED ON THE 2005 INTERNATIONAL BUILDING CODE
CALIFORNIA FIRE CODE, 2007 EDITION, BASED ON THE 2005 INTERNATIONAL FIRE CODE
CALIFORNIA MECHANICAL CODE, 2007 EDITION, BASED ON THE 2005 UNIFORM MECHANICAL CODE
CALIFORNIA PLUMBING CODE, 2007 EDITION, BASED ON THE 2005 UNIFORM PLUMBING CODE
CALIFORNIA ELECTRICAL CODE, 2007 EDITION, BASED ON THE 2005 NATIONAL ELECTRICAL CODE
CALIFORNIA ENERGY CODE, 2007 EDITION.
IN THE EVENT OF CONFLICT, THE MOST RESTRICTIVE CODE SHALL PREVAIL.

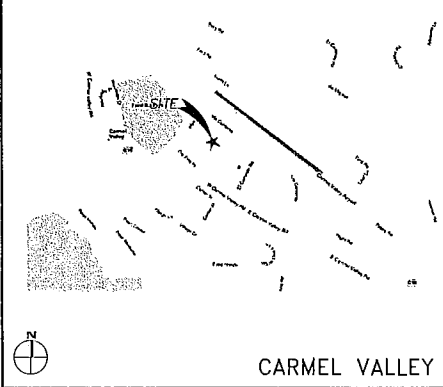
ACCESSIBILITY DISCLAIMER

THIS PROJECT IS AN UNOCCUPIED WIRELESS TELECOMMUNICATIONS FACILITY AND IS EXEMPT FROM DISABLED ACCESS REQUIREMENTS.

SCALE

THE DRAWING SCALES SHOWN IN THIS SET REPRESENT THE CORRECT SCALE ONLY WHEN THESE DRAWINGS ARE PRINTED IN A 24"x36" FORMAT. IF THIS DRAWING SET IS NOT 24"x36", THIS SET IS NOT TO SCALE.

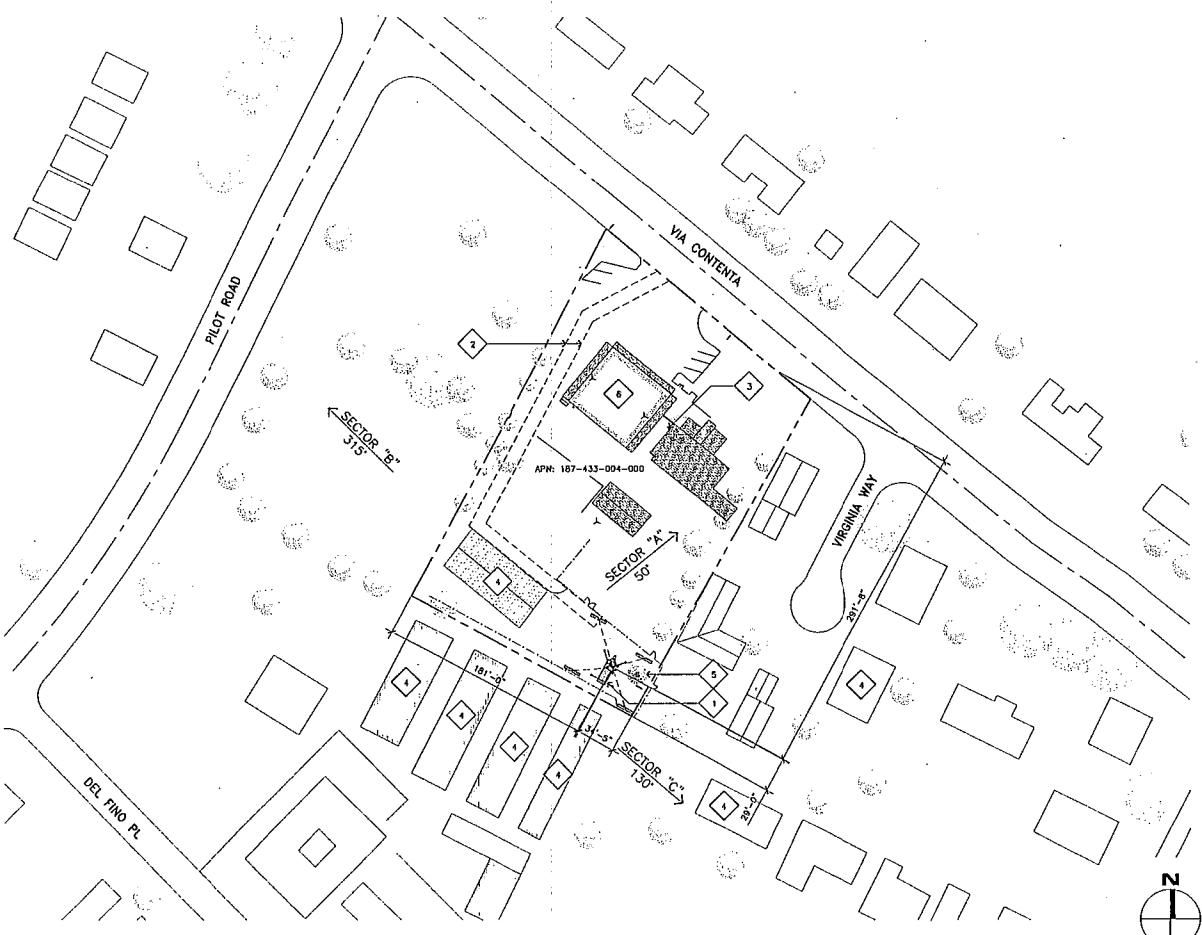
VICINITY MAP



P11110711
JRA PROJECT NUMBER 000648

SITE PLAN KEYNOTES

- 1 PROPOSED AT&T C.O.N. SITE WITH OUTDOOR EQUIPMENT AND A TOWER, SEE SHEET A-1.
- 2 PROPOSED 12'-0" WIDE AT&T ACCESS EASEMENT.
- 3 EXISTING FIRE DEPARTMENT ANTENNAS.
- 4 EXISTING BUILDING.
- 5 EXISTING TREES.



SITE PLAN

SCALE: 1"=50'
0 25' 50'

SECTOR	SECTION	ANTENNA	MODEL NO.	COAX CABLE LENGTH (± 5')	JUMPER LENGTH (± 3')	COAX SIZE
A1			KARRHERR 712-288	150	10	7/8"
A2			KARRHERR 712-288	150	10	7/8"
A3			KARRHERR 712-288	150	10	7/8"
A4			KARRHERR 712-288	150	10	7/8"
B1			KARRHERR 712-288	150	10	7/8"
B2			KARRHERR 712-288	150	10	7/8"
B3			KARRHERR 712-288	150	10	7/8"
C1			KARRHERR 712-288	150	10	7/8"
C2			KARRHERR 712-288	150	10	7/8"
C3			KARRHERR 712-288	150	10	7/8"
C4			KARRHERR 712-288	150	10	7/8"
			TRIPLE ANTENNA	150	10	7/8"

ANTENNA COAXIAL CABLE SCHEDULE 2

- CONTRACTOR TO PROVIDE ALL LABOR TO INSTALL 24 RUNS OF COAX, 6 THRU'S, 6 RET'S, AND 9 ANTENNAS.
- ERICSSON TO PROVIDE ALL COAX, CONNECTORS, ANCILLARY EQUIPMENT (INCLUDING WEATHER STRIPPING, GROUND RITS, ETC).
- CONTRACTOR TO COLOR CODE ALL COAX, COLORED BANDS OF TAPE ON COAX IDENTIFY SECTION, FREQUENCY, TECHNOLOGY, AND TRUNK GROUP AS FOLLOWS:

SECTION "A"						
	TX 1/RX 1	TX 3	TX 2/RX 2	TX 4	TX 5	TX 6
GSM 1900	2 BROWN	2 BROWN/1RED	2 ORANGE	2ORNG/1RED	2BROWN/2RED	2ORNG/2RED
	TX 1/RX 1	TX 3	TX 2/RX 2	TX 4	TX 5	TX 6
GSM 850	3 BROWN	3BROWN/1RED	3 ORANGE	3ORNG/1RED	3BROWN/2RED	3ORNG/2RED
	TX 1/RX 1		TX 2/RX 2			
UMTS 1900	4 BROWN		4 ORANGE			
	TX 1/RX 1		TX 2/RX 2			
UMTS 850	5 BROWN		5 ORANGE			
	TX 1/RX 1		TX 2/RX 2			

SECTION "B"						
	TX 1/RX 1	TX 3	TX 2/RX 2	TX 4	TX 5	TX 6
GSM 1900	2 YELLOW	2YEL/1RED	2 BLUE	2BLUE/1RED	2YEL/2RED	2BLUE/2RED
	TX 1/RX 1	TX 3	TX 2/RX 2	TX 4	TX 5	TX 6
GSM 850	3 YELLOW	3YEL/1RED	3 BLUE	3BLUE/1RED	3YEL/2RED	3BLUE/2RED
	TX 1/RX 1		TX 2/RX 2			
UMTS 1900	4 YELLOW		4 BLUE			
	TX 1/RX 1		TX 2/RX 2			
UMTS 850	5 YELLOW		5 BLUE			
	TX 1/RX 1		TX 2/RX 2			

SECTION "C"						
	TX 1/RX 1	TX 3	TX 2/RX 2	TX 4	TX 5	TX 6
GSM 1900	2 VIOLET	2VIO/1RED	2 WHITE	2WHI/1RED	2VIO/2RED	2WHI/2RED
	TX 1/RX 1	TX 3	TX 2/RX 2	TX 4	TX 5	TX 6
GSM 850	3 VIOLET	3VIO/1RED	3 WHITE	3WHI/1RED	3VIO/2RED	3WHI/2RED
	TX 1/RX 1		TX 2/RX 2			
UMTS 1900	4 VIOLET		4 WHITE			
	TX 1/RX 1		TX 2/RX 2			
UMTS 850	5 VIOLET		5 WHITE			
	TX 1/RX 1		TX 2/RX 2			

- WHEN ANTENNA LINES ARE DIPLEXED, THE COLOR CODE OF THE HIGHEST FREQUENCY PREVAILS (I.E. UMS DIPLEXED WITH TDMA SHOULD HAVE COLOR 4 BANDS).
- ALL ANTENNAS AND ANTENNA CABLE SHALL BE FURNISHED BY ERICSSON INC. AND INSTALLED BY ANTENNA INSTALLATION CONTRACTOR.
- PRIOR TO PLACEMENT OF ANTENNA POLE MOUNTS, THE CONTRACTOR SHALL VERIFY THAT THE AZIMUTH AND DIMENSIONS SHOWN ON THE PLANS MATCH ACTUAL FIELD CONDITIONS. ALLOWABLE TOLERANCE: HORIZONTAL ALIGNMENT = ±5; VERTICAL ALIGNMENT = ±1".
- ANTENNA INSTALLATION CONTRACTOR SHALL PROVIDE ALL CONDUIT, CABLE TRAY, GROUNDING, ETC. FOR COMPLETE INSTALLATION OF ANTENNAS AND CABLES SHOWN AND INTENDED AS REQUIRED FOR A COMPLETE OPERATING SYSTEM IN ACCORDANCE WITH ERICSSON INC. STANDARDS.
- IF NO CASE SHALL THERE BE ANY MORE THAN TWO (2) 90° TURNS (OR EQUIVALENT) IN ANY CONTINUOUS LENGTH OF CONDUIT BETWEEN PULL BOXES OR SIMILAR FEATURES.
- ANTENNA CONDUIT SHALL ONLY INCLUDE FACTORY-MADE LARGE RADIUS SWEEPS AT ALL CHANGES IN DIRECTION. SWEEP RADIUS SHALL BE 18" MINIMUM ABOVE GROUND AND 36" MINIMUM BELOW GROUND.
- CONDUIT SHALL BE 3/4" MINIMUM. ALL UNDERGROUND CONDUIT SHALL BE SCHEDULE 40 PVC. ALL EXPOSED CONDUIT ABOVE GRADE LEVEL SHALL BE IMC OR RIGID GALVANIZED. ALL EXPOSED CONDUIT PROTECTED IN A BUILDING OR ON A ROOF SHALL BE EXIT OR UV STABILIZED PAINTED SCHEDULE 80 PVC.
- IF HIGH TRAFFIC AREAS OR WHERE SUSCEPTIBLE TO DAMAGE CONTRACTOR SHALL PROVIDE FORMED GRIP STRIP COVER OVER COAXIAL CABLE ROUTES, WHERE CABLE IS RUN ON THE WALL, ATTACH UNSTRUT TO WALL AND COVER WITH 14 GA. GALVANIZED FORMED SHEET METAL COVER OR MATERIAL AS DIRECTED BY ERICSSON INC. CONSTRUCTION MANAGER.
- VERIFY ROUTE AND LENGTH OF CABLE PRIOR TO CUTTING, ADJUST INDICATED ROUTE AS REQUIRED TO CLEAR (E) EQUIPMENT AT FACILITIES.
- MAXIMUM LENGTH OF 7/8" COAX CABLE SHALL BE 140'-0", MAXIMUM LENGTH OF 1-1/4" COAX CABLE SHALL BE 190'-0", MAXIMUM LENGTH OF 1-5/8" COAX CABLE SHALL BE 235'-0".
- VERIFY MODEL NUMBERS OF ANTENNAS WITH ERICSSON INC. SERVICES.
- THE CONTRACTOR SHALL PROVIDE TESTING OF ANTENNAS AND SHALL PROVIDE DOCUMENTATION TO THE ERICSSON INC. PROJECT MANAGER.
- GENERAL CONTRACTOR TO VERIFY ALL TORQUE TOLERANCES PER THE MANUFACTURERS SPECIFICATIONS AND RECOMMENDATIONS.

GENERAL ANTENNA & CABLE NOTES 1

JRA
 Jeffrey Rome & Associates, Inc.
 Architecture & Telecommunications
 3 San Jacinto Plaza, Suite 155
 Newport Beach, California 92660
 Phone: (949) 760-3929
 Fax: (949) 760-3931

PROPRIETARY INFORMATION
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PREPARED FOR

 4430 Rosewood Drive
 Pleasanton, California 94588

APPROVALS
 R.F. ENGINEER DATE
 SITE ACDS AND ZONING DATE

ERICSSON CM DATE
 AT&T CM DATE

OWNER APPROVAL DATE

PROJECT NAME
CARMEL VALLEY FIRE STATION
 PROJECT NUMBER
CN3235-COW
 28 VIA CONTENTA
 CARMEL VALLEY, CA 93924
 MONTEREY COUNTY

DRAWING DATES
 04/29/10 COW REVISION (P2)

RFS REVISION LEVEL 1.1

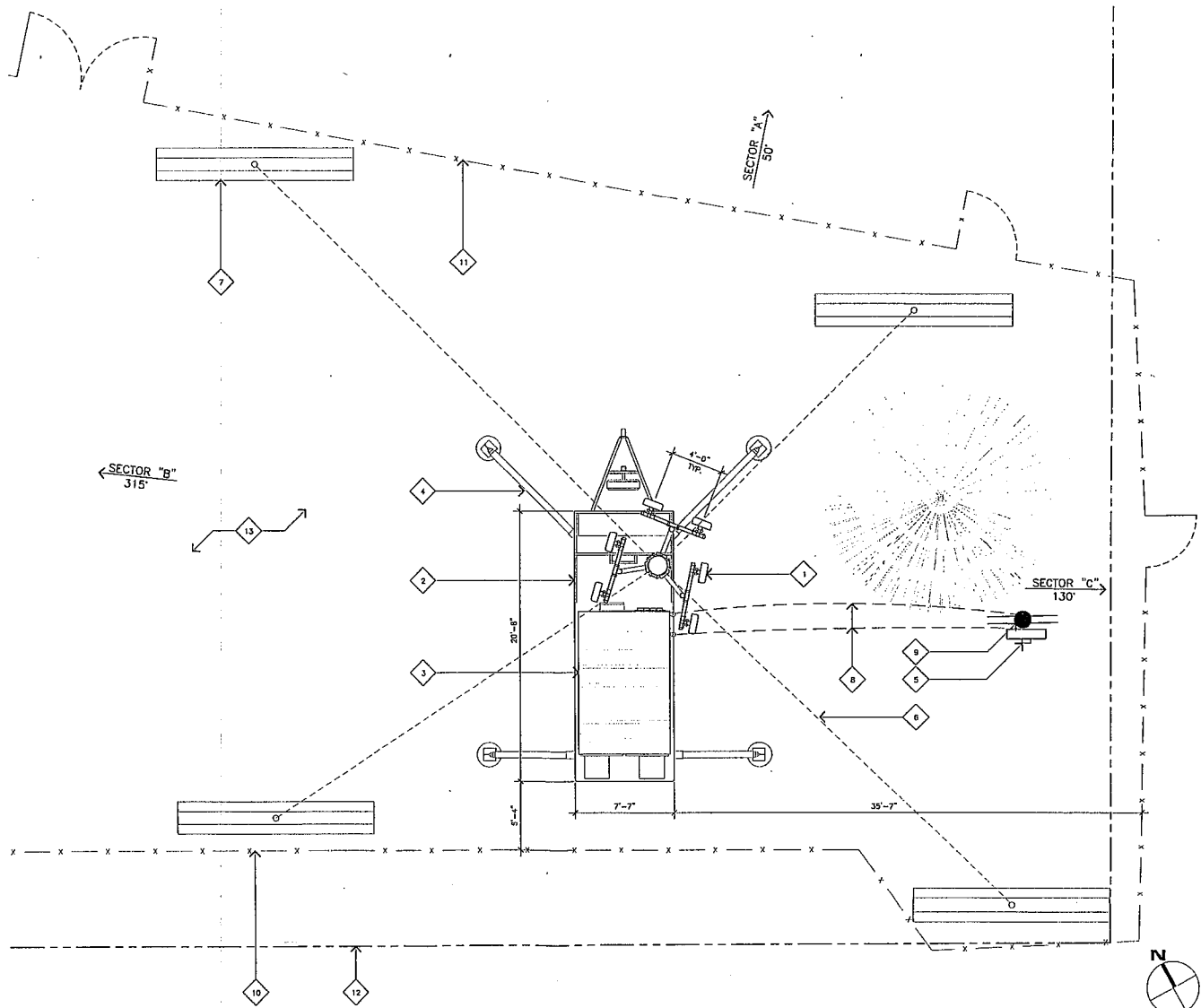
SHEET TITLE
SITE PLAN

A-0

JRA PROJECT NUMBER 000558

ENLARGED SITE PLAN KEYNOTES

- 1 (N) AT&T ANTENNAS (2 PER SECTOR, TOTAL 6) MOUNTED ON (N) TEMPORARY COW (CELL ON WHEELS); SEE SHEET A-5.
- 2 (N) TEMPORARY CELL-ON-WHEELS (COW); SEE SHEET A-5.
- 3 (N) SUNNEMET 5-BAY EQUIPMENT CABINET, CABINET TO HAVE (1) UNIS 3205 RADIO CABINET AND (2) DSM 2206 RADIO CABINETS.
- 4 (N) CELL-ON-WHEELS OUTRIGGERS (4 TOTAL).
- 5 (N) METER MOUNTED ON UTILITY POLE.
- 6 (N) CURED WIRES (4 TYP.).
- 7 (N) CONCRETE K-RAILS (4 TYP.).
- 8 (N) OVERHEAD POWER/TELCO DROP TO (2) (N) WEATHERHEADS ON COW.
- 9 (E) UTILITY POLE AND (N) AT&T POWER/TELCO POC.
- 10 (E) 6'-0" HIGH CHAIN LINK FENCE WITH WOOD SLATS AND 3 STRIPS OF BARBED WIRE.
- 11 (E) 6'-0" HIGH CHAIN LINK FENCE WITH VINYL SLATS AND 3 STRIPS OF BARBED WIRE.
- 12 (E) PROPERTY LINE.
- 13 (E) VACANT AREA.



ENLARGED SITE PLAN

SCALE:
1/4"=1'-0"
0 2' 4' 1

JRA
Jeffrey Rome & Associates, Inc.
Architects & Telecommunications
3 San Jose Plaza, Suite 155
Newport Beach, California 92660
Phone: (949) 260-3829
Fax: (949) 260-3851

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at&t
4430 Rosewood Drive
Pleasanton, California 94588

APPROVALS

R.F. ENGINEER	DATE
SITE ACOS AND ZONING	DATE
ERICSSON CM	DATE
AT&T CM	DATE
OWNER APPROVAL	DATE

PROJECT NAME
CARMEL VALLEY FIRE STATION

PROJECT NUMBER
CN3235-COW

26 VIA CONSTITUTA
CARMEL VALLEY, CA 93924
MONTEREY COUNTY

DRAWING DATES
04/29/10 COW REVISION (P2)

REVISION LEVEL 1.1
SHEET TITLE

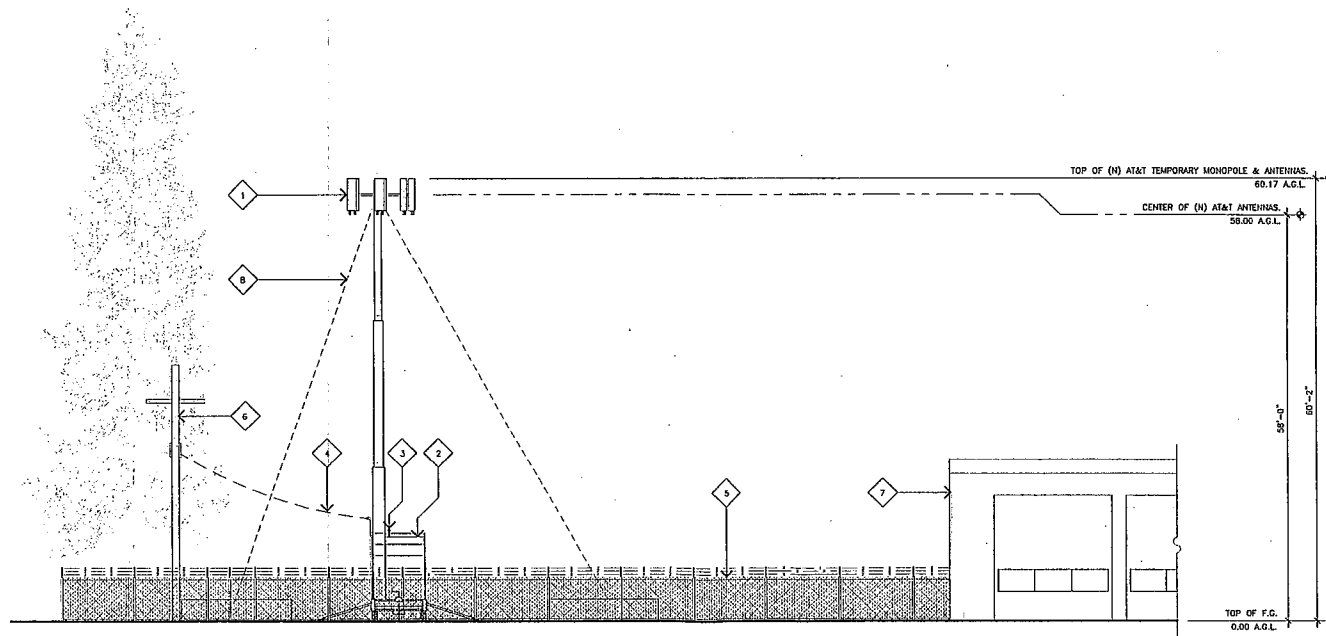
ENLARGED SITE PLAN

A-1

JRA PROJECT NUMBER 000568

ELEVATION KEYNOTES

- 1 (N) AT&T ANTENNAS (2 PER SECTOR, 3 SECTORS) MOUNTED ON A (N) TEMPORARY CELL ON WHEELS (COW).
- 2 (N) SUNSHUT EQUIPMENT CABINET MOUNTED ON A (N) TEMPORARY CELL ON WHEELS (COW).
- 3 (N) AT&T CPS MOUNTED TO (N) AT&T CABINET.
- 4 (N) OVERHEAD POWER/TELCO DROP TO (N) WEATHERHEADS OF SUNSHUT CABINET.
- 5 EXISTING 6'-0" HIGH CHAIN LINK FENCE WITH WOOD SLATS AND 3 STRINGS OF BARBED WIRE.
- 6 EXISTING UTILITY POLE AND (N) POWER AND TELCO SOURCE.
- 7 EXISTING FIRE DEPARTMENT BUILDING.
- 8 (N) CUED WIRES.

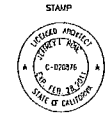


NORTHEAST ELEVATION

SCALE: 1/8"=1'-0" 0 4' 8' 1

JRA
 Jeffrey Rome & Associates, Inc.
 Architecture & Telecommunications
 3 San Joaquin Plaza, Suite 155
 Newport Beach, California 92660
 Phone: (949) 760-3929
 Fax: (949) 760-3931

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PREPARED FOR

 4430 Rosewood Drive
 Pleasanton, California 94588

APPROVALS

R.F. ENGINEER	DATE
SITE ACOS AND ZONING	DATE
ERICSSON CM	DATE
AT&T CM	DATE
OWNER APPROVAL	DATE

PROJECT NAME
CARMEL VALLEY FIRE STATION
 PROJECT NUMBER
CN3235-COW
 26 VIA COHENTIA
 CARMEL VALLEY, CA 93924
 MONTEREY COUNTY

DRAWING DATES
 04/29/10 CDW REVISION (P2)

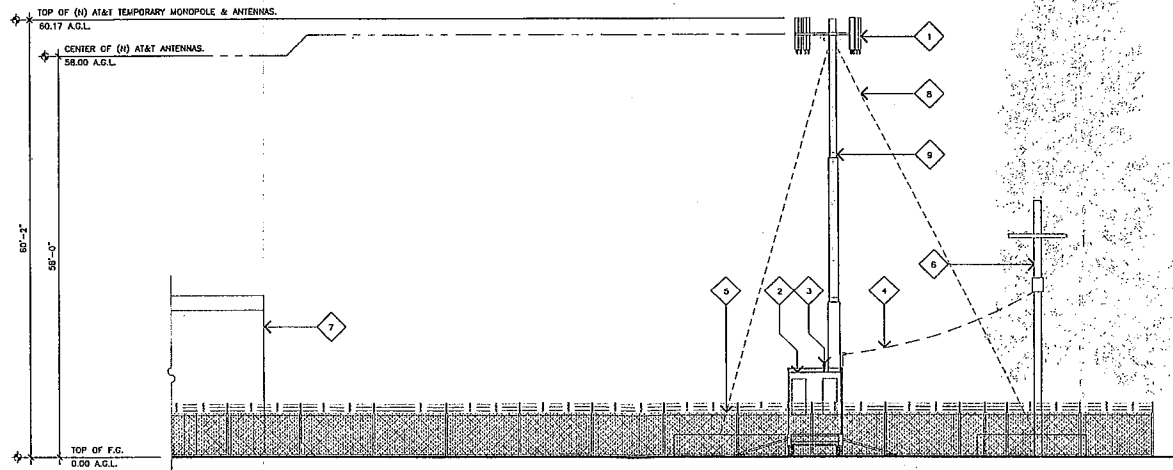
RFDS REVISION LEVEL 1.1
 SHEET TITLE

NORTHEAST ELEVATIONS

A-2

ELEVATION KEYNOTES

- 1 (N) AT&T ANTENNAS (2 PER SECTOR, 3 SECTORS) MOUNTED ON A (N) TEMPORARY CELL ON WHEELS (COW).
- 2 (N) SURREST EQUIPMENT CABINET MOUNTED ON A (N) TEMPORARY CELL ON WHEELS (COW).
- 3 (N) AT&T GPS MOUNTED TO (N) AT&T CABINET.
- 4 (N) OVERHEAD POWER/TELCO DROP TO (2) (N) WEATHERHEADS ON SURREST CABINET.
- 5 EXISTING 8'-0" HIGH CHAIN LINK FENCE WITH WOOD SLATS AND 3 STRIPS OF BARBED WIRE.
- 6 EXISTING UTILITY POLE AND (N) POWER AND TELCO SOURCE.
- 7 EXISTING FIRE DEPARTMENT BUILDING.
- 8 (N) GUYED WIRES.
- 9 (N) (24) RUNS OF 7/8" COAX STRAPPED TO POLE.



SOUTHWEST ELEVATION

SCALE: 1/8"=1'-0" 0 4' 8' 1

JRA
 Jeffrey Rome & Associates, Inc.
 Architecture & Telecommunications
 3 San Joaquin Plaza, Suite 155
 Hayward, California 94608
 Phone: (949) 760-3929
 Fax: (949) 760-3951

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 4430 Rosewood Drive
 Pleasanton, California 94588

APPROVALS

R.F. ENGINEER	DATE
SITE ACQS AND ZONING	DATE
ERICSSON CM	DATE
AT&T CM	DATE
OWNER APPROVAL	DATE

PROJECT NAME
CARMEL VALLEY FIRE STATION
 PROJECT NUMBER
CN3235-COW
 28 VIA CONTENTA
 CARMEL VALLEY, CA 93924
 MONTEREY COUNTY

DRAWING DATES
 04/29/10 COW REVISION (P2)

RFDS REVISION LEVEL 1.1
 SHEET TITLE

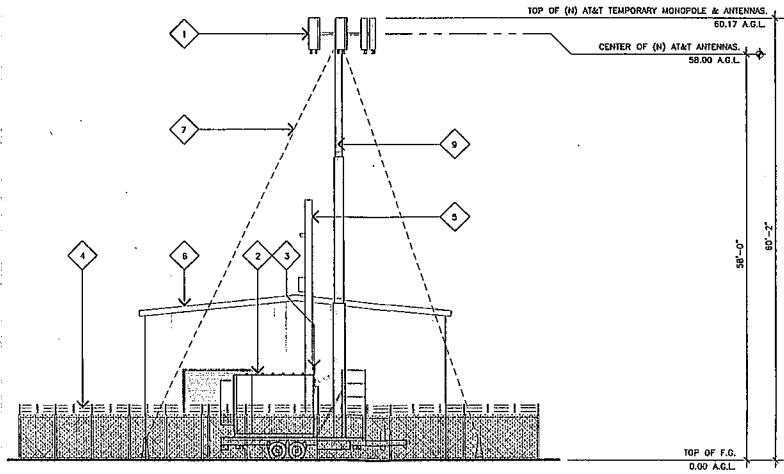
SOUTHWEST ELEVATIONS

A-3

JOB PROJECT NUMBER 005656

ELEVATION KEYNOTES

- 1 (N) AT&T ANTENNAS (2 PER SECTOR, 3 SECTORS) MOUNTED ON A (N) TEMPORARY CELL ON WHEELS (COW).
- 2 (N) SUNVEST EQUIPMENT CABINET MOUNTED ON A (N) TEMPORARY CELL ON WHEELS (COW).
- 3 (N) AT&T GPS MOUNTED TO (N) AT&T CABINET.
- 4 EXISTING 6'-0" HIGH CHAIN LINK FENCE WITH WOOD SLATS AND 3 STRINGS OF BARBED WIRE.
- 5 EXISTING UTILITY POLE AND (N) POWER AND TELCO SOURCE.
- 6 EXISTING FIRE DEPARTMENT BUILDING.
- 7 (N) GUYED WIRES.
- 8 (N) (24) RUNS OF 7/8" COAX STRAPPED TO POLE.
- 9



SOUTHEAST ELEVATION

SCALE: 1/8"=1'-0" 0 4' 8' 1

JRA
 Jeffrey Rome & Associates, Inc.
 Architecture & Telecommunications
 3 San Joaquin Plaza, Suite 155
 Newport Beach, California 92660
 Phone: (949) 780-3329
 Fax: (949) 760-3831

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STAMP



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4430 Rosewood Drive
 Pleasanton, California 94588

APPROVALS

R.F. ENGINEER	DATE
SITE ACOS AND ZONING	DATE
ERICSSON CM	DATE
AT&T CM	DATE
OWNER APPROVAL	DATE

PROJECT NAME

CARMEL VALLEY FIRE STATION

PROJECT NUMBER

CN3235-COW

26 VIA CONTENTA
 CARMEL VALLEY, CA 93924
 MONTEREY COUNTY

DRAWING DATES

04/29/10 COW REVISION (P2)

RFDS REVISION LEVEL 1.1

SHEET TITLE

SOUTHEAST ELEVATIONS

A-4

JRA PROJECT NUMBER 00568

JRA
 Jeffrey Rome & Associates, Inc.
 Architecture & Telecommunications
 3 San Joaquin Plaza, Suite 155
 Newport Beach, California 92660
 Phone: (949) 260-3323
 Fax: (949) 750-3931

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4430 Rosewood Drive
 Pleasanton, California 94568

APPROVALS

R.F. ENGINEER _____ DATE _____
 SITE ACOS AND ZONING _____ DATE _____
 ERICSSON CM _____ DATE _____
 AT&T CM _____ DATE _____
 OWNER APPROVAL _____ DATE _____

PROJECT NAME

CARMEL VALLEY FIRE STATION

PROJECT NUMBER

CN3235-COW

26 VIA COHUELA
 CARMEL VALLEY, CA 93924
 MONTEREY COUNTY

DRAWING DATES

04/29/10 COW REVISION (P2)

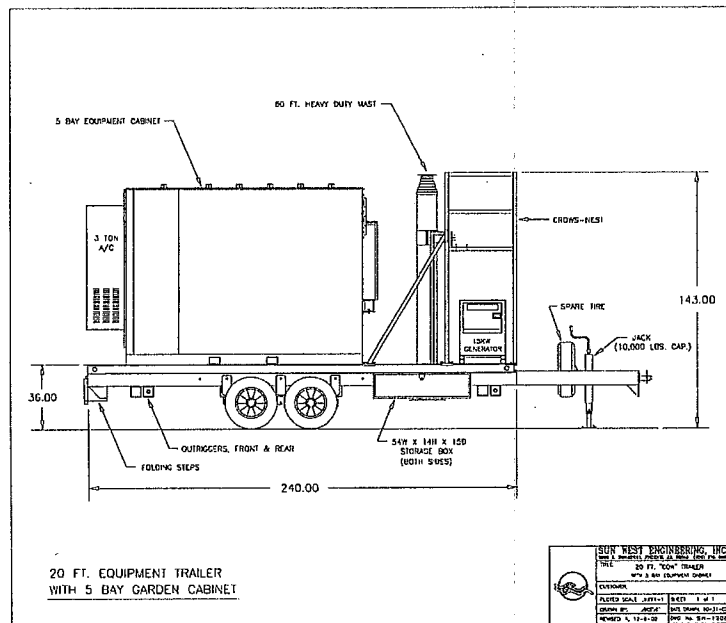
RFDS REVISION LEVEL 1.1

SHEET TITLE

COW SPECIFICATIONS

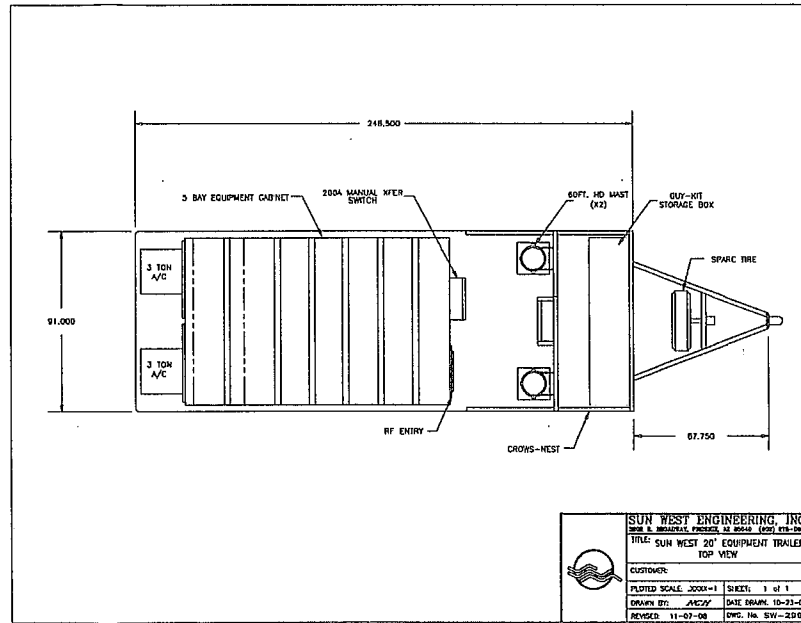
A-5

JRA PROJECT NUMBER 00568



20 FT. EQUIPMENT TRAILER
 WITH 5 BAY GARDEN CABINET

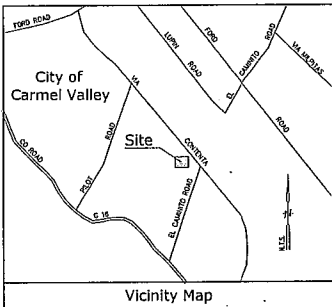
SUN WEST ENGINEERING, INC.
 3000 E. BRADLEY STREET, SUITE 200, SAN JOAQUIN, CA 95131
 TITLE: 20 FT. EQUIPMENT TRAILER
 CUSTOMER: WPT & ERICSSON SUPPLY
 DRAWING NO.: 11-07-08 SHEET: 1 of 1
 DATE DRAWN: 10-23-08
 DATE REVISION: 11-07-08 (COW) REV. SW-22001



SUN WEST ENGINEERING, INC.
 3000 E. BRADLEY STREET, SUITE 200, SAN JOAQUIN, CA 95131
 TITLE: SUN WEST 20' EQUIPMENT TRAILER
 TOP VIEW
 CUSTOMER:
 PLOTTED SCALE: 2000X=1 SHEET: 1 of 1
 DRAWN BY: JAC/27 DATE DRAWN: 10-23-08
 REVISION: 11-07-08 (COW) REV. SW-22001

CELL ON WHEELS SPECIFICATIONS

SCALE: NONE 1



Title Report

THIS SURVEY WAS COMPLETED WITHOUT THE BENEFIT OF A TITLE REPORT.
 PREPARED BY:
 ORDER NO.:
 DATED:

Legal Description

THAT PORTION OF LAND AS SHOWN AS 1.678 ACRES, BY INCLOSED SURVEYOR'S MAP OF PORTION OF AIRWAY RANCH IN THE CITY OF CARMEL VALLEY, COUNTY OF MONTEREY, STATE OF CALIFORNIA, FILED BY VOL. 4, PAGE 18, IN THE OFFICE OF THE COUNTY RECORDER OF SAID COUNTY.

Assessor's Parcel No.
 187-433-001-000

Easements

NOT APPLICABLE

Geographic Coordinates

TO BE DETERMINED

Access Easement/Lease Area

TO BE DETERMINED

CERTIFICATION:
 THE LATITUDE AND LONGITUDE SHOWN ABOVE ARE ACCURATE TO WITHIN 1/4" - 1/8" FEET
 HORIZONTALLY AND WHAT THE ELEVATIONS SHOWN ABOVE ARE ACCURATE TO WITHIN +/- 3 FEET
 VERTICALLY. THE HORIZONTAL DATA (GEODESIC COORDINATES) IS IN TERMS OF THE NORTH
 AMERICAN DATUM OF 1983 (NAD 83) AND IS EXPRESSED IN DEGREES (2) MINUTES (1) AND
 SECONDS (3) TO THE NEAREST HUNDREDTH OF A SECOND. THE VERTICAL DATA (ELEVATIONS) IS
 IN TERMS OF THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88) AND IS EXPRESSED TO
 THE NEAREST TENTH OF A FOOT.

Basis of Bearings

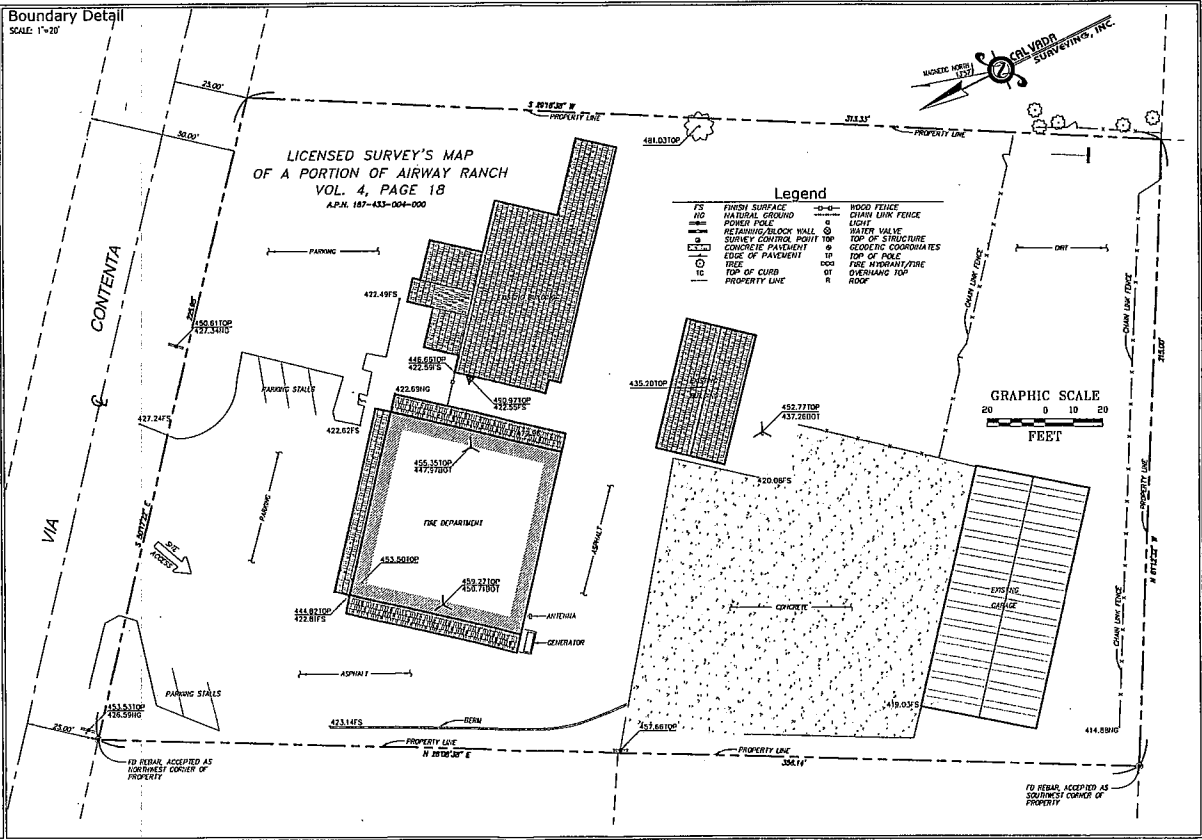
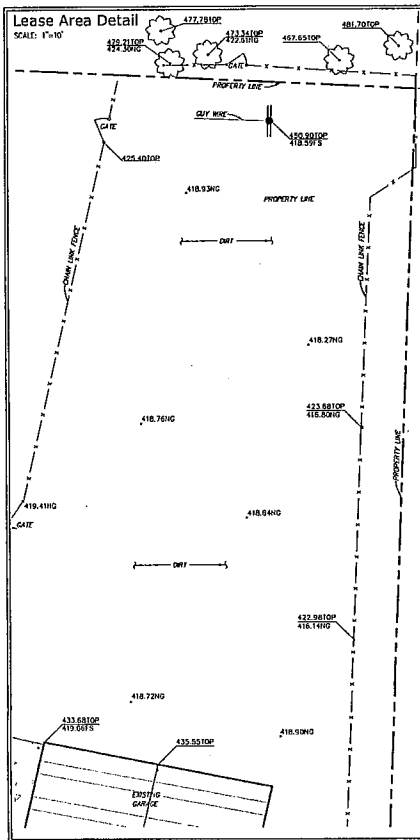
THE STATE PLANNED COORDINATE SYSTEM OF 1983 (NAD 83), CALIFORNIA ZONE IV.

Bench Mark

THE CALIFORNIA SPATIAL REFERENCE CONTROL SYSTEM "9911", ELEVATION = 1891.29 FEET (NAVD 88).

Date of Survey

OCTOBER 6, 2009



JRA
 Jeffrey Rome & Associates, Inc.
 Architecture & Telecommunications
 3 Son Jaquin Place, Suite 155
 Newport Beach, California 92660
 Phone: (949) 760-3329
 Fax: (949) 760-3331

PROPRIETARY INFORMATION
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CONSULTANT
CALVADA SURVEYING, INC.
 411 Jenks Cir., Suite 205, Corona, CA 92880
 Phone: 951-260-9960 Fax: 951-250-8768
 Toll Free: 800-643-6064 www.calvada.com
 JOB NO. 08780

PREPARED FOR

 4430 Roswood Drive
 Pleasanton, California 94588

APPROVALS

R.F.	DATE
SAC AND ZONING	DATE
ERICSSON CM	DATE
AT&T CM	DATE
OWNER APPROVAL	DATE

PROJECT NAME
 Carmel Valley Road

PROJECT NUMBER
 CN3235-A

28 VIA CONTENTIA
 CARMEL VALLEY, CALIFORNIA 93924
 MONTEREY COUNTY

DATE	DESCRIPTION	BY
10/14/09	PRELIMINARY	ADD

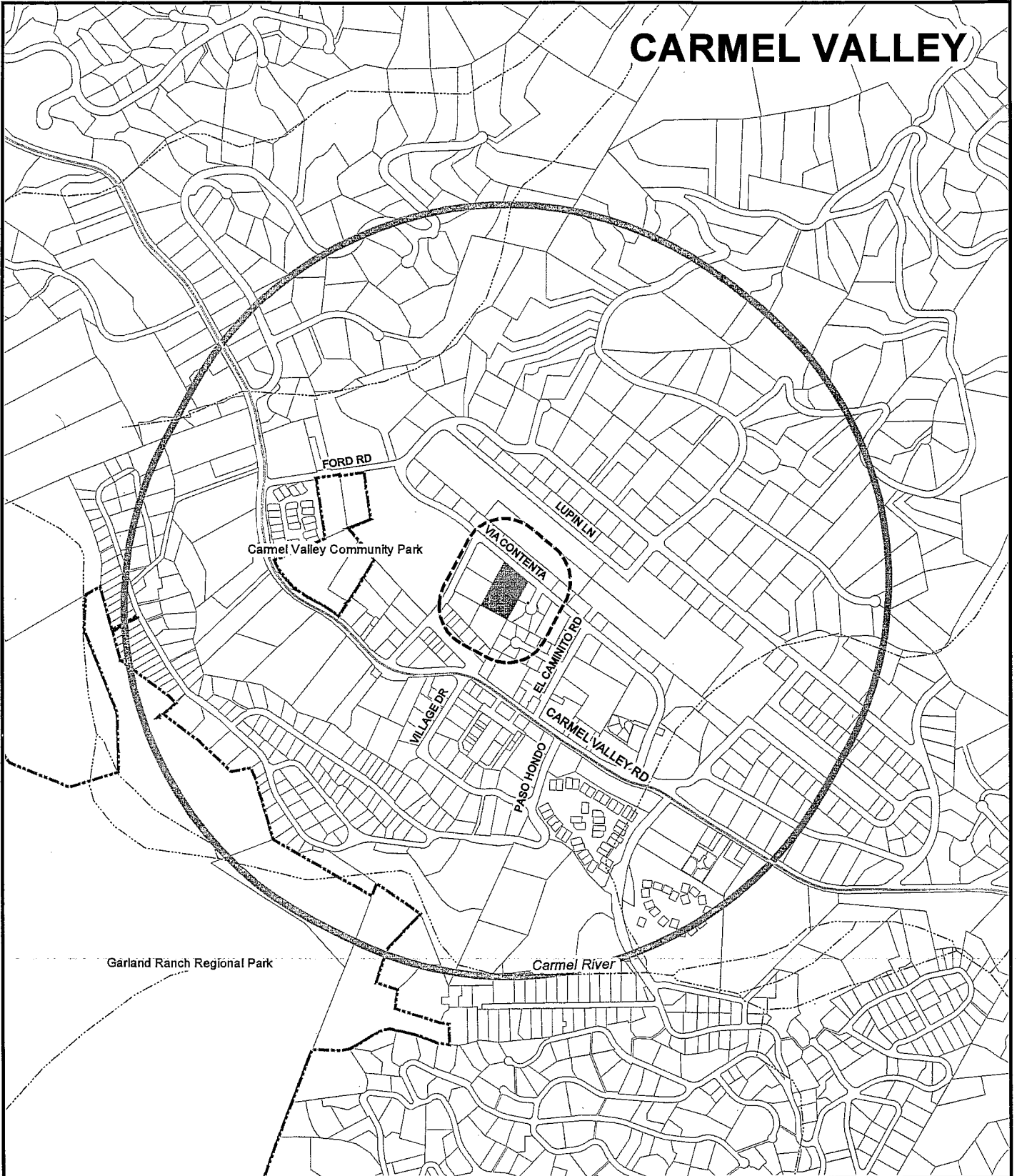
SHEET TITLE
 TOPOGRAPHIC SURVEY

C-1
 SHEET 1 OF 1

EXHIBIT C

VICINITY MAPY

CARMEL VALLEY



APPLICANT: CARMEL VALLEY FIRE DISTRICT (AT&T MOBILITY)

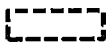
APN: 187-433-004-000

FILE # PLN100206

Water



2500' Limit



300' Limit



City Limits



PLANNER: MACK

Exhibit C

Page 1 of 1 Pages

EXHIBIT D

ADVISORY COMMITTEE
MINUTES (CVLUAC)

MINUTES
Carmel Valley Land Use Advisory Committee
Monday, May 17, 2010

1. Meeting called to order by Janet Brennan at 6:30 pm

2. Roll Call

Members Present: Neil Agnon, Janet Brennan, David Burlidge,
Doug Pease, Judy MacClelland
Members Absent: John Anzini, Charles Franklin

3. Approval of Minutes:

A. May 3, 2010 minutes

Motion: Doug Pease (LUAC Member's Name)

Second: David Burlidge (LUAC Member's Name)

Ayes: 5

Noes: 0

Absent: 2

Abstain: 0

5. **Public Comments:** The Committee will receive public comment on non-agenda items that are within the purview of the Committee at this time. The length of individual presentations may be limited by the Chair.

NONE

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MONTEREY COUNTY
PLANNING & BUILDING
INSPECTION DEPT.

Exhibit D
Page 1 of 4 Pages

6. Scheduled Item(s)

7. Other Items:

A) Preliminary Courtesy Presentations by Applicants Regarding Potential Projects

NONE

B) Announcements

NONE

8. Meeting Adjourned: 7:18 pm

Minutes taken by: Judy MacClelland

Exhibit P
Page 2 of 4 Pages

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INSPECTION DEPT.

Action by Land Use Advisory Committee Project Referral Sheet

Monterey County Planning Department
168 W Alisal St 2nd Floor
Salinas CA 93901
(831) 755-5025

Advisory Committee: **Carmel Valley**

Please submit your recommendations for this application by: **May 17, 2010**

Project Title: CARMEL VALLEY FIRE DISTRICT (AT&T MOBILITY)

File Number: PLN100206

File Type: PC

Planner: MACK

Location: 26 VIA CONTENTA CARMEL VALLEY

Project Description:

Use Permit and Design Approval to allow temporary cellular broadcasting from a portable Cell on Wheels (COW) structure. Request for temporary cellular broadcasting not to exceed 6 months in duration or until the Use Permit for the permanent structure has been processed (PLN090385). The property is located at 26 Via Contenta, Carmel Valley (Assessor's Parcel Number 187-433-004-000), Carmel Valley Master Plan Area.

Was the Owner/Applicant/Representative Present at Meeting? Yes No
Matthew Yergovich for AT&T Mobility; Kathleen Shelly for Ericsson Wireless/AT&T
David Mack, Project Planner

PUBLIC COMMENT:

Name	Site Neighbor?		Issues / Concerns (suggested changes)
	YES	NO	
<i>Jerry Gates</i>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<i>visual impact beyond 300 ft.; radiation</i>
	<input type="checkbox"/>	<input type="checkbox"/>	
	<input type="checkbox"/>	<input type="checkbox"/>	
	<input type="checkbox"/>	<input type="checkbox"/>	<div style="font-size: 2em; font-weight: bold; margin-bottom: 10px;">RECEIVED</div> <div style="font-weight: bold;">MAY 18 2010</div>

MONTEREY COUNTY
PLANNING & BUILDING
INSPECTION DEPT.

LUAC AREAS OF CONCERN

Concerns / Issues (e.g. site layout, neighborhood compatibility; visual impact, etc)	Policy/Ordinance Reference (If Known)	Suggested Changes - to address concerns (e.g. relocate; reduce height; move road access, etc)
<i>Visual impact</i>		

ADDITIONAL LUAC COMMENTS

This should not be ~~approved~~ construed as a precedent for the application for a permanent structure.

RECOMMENDATION :

Motion by: David Fawcidge (LUAC Member's Name)

Second by: Neil Agron (LUAC Member's Name)

- Support Project as proposed
- Recommend Changes (as noted above)
- Continue the Item

Reason for Continuance: _____

Continued to what date: _____

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INSPECTION DEPT.

AYES: Agron, Brennan, Fawcidge, MacClelland

NOES: Please

ABSENT: Ancini, Franklin

ABSTAIN: A

EXHIBIT E

RADIO FREQUENCY – ELECTROMAGNETIC ENERGY (RF-EME) COMPLIANCE REPORT

Radio Frequency – Electromagnetic Energy (RF-EME)
Compliance Report (Predictive Modeling)

Prepared for:
AT&T Mobility, LLC
7655-7665 Redwood Blvd.
Novato, CA 94945



USID# 109977
Site No. CN3235
Carmel Valley Road
26 Via Contenta
Carmel Valley, California 93924
Monterey County
36.481170; -121.732072 NAD83

EBI Project No. 62100669
March 25, 2010



PLN100206

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2.0 FEDERAL COMMUNICATIONS COMMISSION (FCC) REQUIREMENTS 3

3.0 AT&T RF EXPOSURE POLICY REQUIREMENTS 5

4.0 WORST-CASE PREDICTIVE MODELING..... 5

5.0 RECOMMENDED SIGNAGE/COMPLIANCE PLAN..... 7

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APPENDICES

- Appendix A Personnel Certifications**
- Appendix B Antenna Inventory**
- Appendix C RoofView® Export File**
- Appendix D RoofView® Graphic**
- Appendix E Compliance/Signage Plan**

EXECUTIVE SUMMARY

Purpose of Report

EnviroBusiness Inc. (dba EBI Consulting) has been contracted by AT&T Mobility, LLC to conduct radio frequency electromagnetic (RF-EME) modeling for AT&T Site CN3235 located at 26 Via Contenta in Carmel Valley, California to determine RF-EME exposure levels from proposed AT&T wireless communications equipment at this site. As described in greater detail in Section 2.0 of this report, the Federal Communications Commission (FCC) has developed Maximum Permissible Exposure (MPE) Limits for general public exposures and occupational exposures. This report summarizes the results of RF-EME modeling in relation to relevant FCC RF-EME compliance standards for limiting human exposure to RF-EME fields.

This report contains a detailed summary of the RF EME analysis for the site, including the following:

- Antenna Inventory
- Site Plan with antenna locations
- Antenna inventory with relevant parameters for theoretical modeling
- Graphical representation of theoretical MPE fields based on modeling
- Graphical representation of recommended signage and/or barriers

This document addresses the compliance of AT&T's transmitting facilities independently and in relation to all collocated facilities at the site.

Statement of Compliance

A site is considered out of compliance with FCC regulations if there are areas that exceed the FCC exposure limits and there are no RF hazard mitigation measures in place. Any carrier which has an installation that contributes more than 5% of the applicable MPE must participate in mitigating these RF hazards.

As presented in the sections below, based on worst-case predictive modeling, there are no modeled areas on any accessible ground-level walking/working surface related to the proposed antennas that exceed the FCC's occupational or general public exposure limits at this site.

AT&T Recommended Signage/Compliance Plan

AT&T's RF Exposure Policy guidance, dated March 31, 2009, requires that:

1. All sites must be analyzed for RF exposure compliance;
2. All sites must have that analysis documented; and
3. All sites must have any necessary signage and barriers installed.

Site compliance recommendations have been developed based upon protocols presented in AT&T's RF Exposure Policy guidance document, dated March 31, 2009, additional guidance provided by AT&T, EBI's understanding of FCC and OSHA requirements, and common industry practice. Barrier locations have been identified (when required) based on guidance presented in AT&T's RF Exposure Policy guidance document, dated March 31, 2009. The following signage is recommended at this site:

- Green INFO 1 sign posted on or next to compound access gates.
- Yellow CAUTION sign posted at the base of the temporary monopole.

The signage proposed for installation at this site complies with AT&T's RF Exposure Policy and therefore complies with FCC and OSHA requirements. No barriers are recommended for this site. More detailed information concerning site compliance recommendations is presented in Section 5.0 and Appendix E of this report.

1.0 SITE DESCRIPTION

This project involves the proposed installation of up to twelve (12) wireless telecommunication antennas on a temporary cell on wheels (COW) in Carmel Valley, California. There are three Sectors (A, B, and C) proposed at the site, with four (4) antennas that may be installed per sector. The current plans for the site include three (3) antennas per sector, but provide for one (1) additional future antenna in each sector. To be conservative, modeling was performed assuming the full build-out. For modeling purposes, it is assumed that there will be one (1) UMTS antenna in each sector transmitting in the 850 and 1900 MHz frequency ranges, and three (3) GSM antennas in each sector transmitting in the 850 and 1900 MHz frequency ranges. The Sector A antennas will be oriented 50° from true north. The Sector B antennas will be oriented 315° from true north. The Sector C antennas will be oriented 130° from true north. Appendix B presents an antenna inventory for the site.

Access to this site is accomplished via three or more gates in the fence surrounding the monopole. Workers must be elevated to antenna level to access them, so these antennas are not accessible to the general public.

2.0 FEDERAL COMMUNICATIONS COMMISSION (FCC) REQUIREMENTS

The FCC has established Maximum Permissible Exposure (MPE) limits for human exposure to Radiofrequency Electromagnetic (RF-EME) energy fields, based on exposure limits recommended by the National Council on Radiation Protection and Measurements (NCRP) and, over a wide range of frequencies, the exposure limits developed by the Institute of Electrical and Electronics Engineers, Inc. (IEEE) and adopted by the American National Standards Institute (ANSI) to replace the 1982 ANSI guidelines. Limits for localized absorption are based on recommendations of both ANSI/IEEE and NCRP.

The FCC guidelines incorporate two separate tiers of exposure limits that are based upon occupational/controlled exposure limits (for workers) and general public/uncontrolled exposure limits for members of the general public.

Occupational/controlled exposure limits apply to situations in which persons are exposed as a consequence of their employment and in which those persons who are exposed have been made fully aware of the potential for exposure and can exercise control over their exposure. Occupational/controlled exposure limits also apply where exposure is of a transient nature as a result of incidental passage through a location where exposure levels may be above general public/uncontrolled limits (see below), as long as the exposed person has been made fully aware of the potential for exposure and can exercise control over his or her exposure by leaving the area or by some other appropriate means.

General public/uncontrolled exposure limits apply to situations in which the general public may be exposed or in which persons who are exposed as a consequence of their employment may not be made fully aware of the potential for exposure or cannot exercise control over their exposure. Therefore, members of the general public would always be considered under this category when exposure is not employment-related, for example, in the case of a telecommunications tower that exposes persons in a nearby residential area.

Table 1 and Figure 1 (below), which are included within the FCC's OET Bulletin 65, summarize the MPE limits for RF emissions. These limits are designed to provide a substantial margin of safety. They vary by frequency to take into account the different types of equipment that may be in operation at a

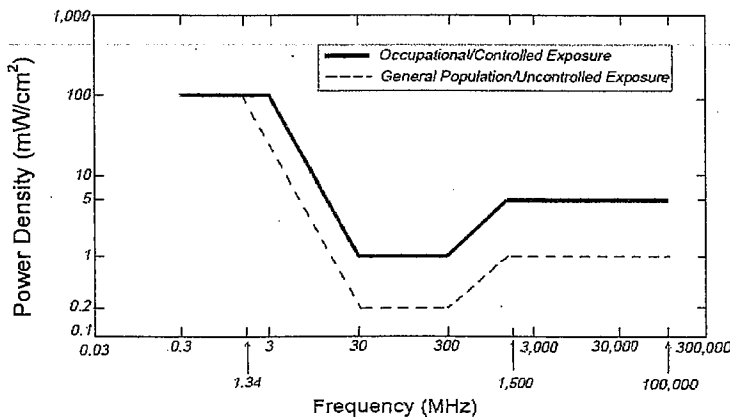
particular facility and are "time-averaged" limits to reflect different durations resulting from controlled and uncontrolled exposures.

The FCC's MPEs are measured in terms of power (mW) over a unit surface area (cm²). Known as the power density, the FCC has established an occupational MPE of 5 milliwatts per square centimeter (mW/cm²) and an uncontrolled MPE of 1 mW/cm² for equipment operating in the 1900 MHz frequency range. For the AT&T equipment operating at 850 MHz, the FCC's occupational MPE is 2.83 mW/cm² and an uncontrolled MPE of 0.57 mW/cm². These limits are considered protective of these populations.

Table 1: Limits for Maximum Permissible Exposure (MPE)				
(A) Limits for Occupational/Controlled Exposure				
Frequency Range (MHz)	Electric Field Strength (E) (V/m)	Magnetic Field Strength (H) (A/m)	Power Density (S) (mW/cm ²)	Averaging Time [E] ² , [H] ² , or S (minutes)
0.3-3.0	614	1.63	(100)*	6
3.0-30	1842/f	4.89/f	(900/f ²)*	6
30-300	61.4	0.163	1.0	6
300-1,500	--	--	f/300	6
1,500-100,000	--	--	5	6
(B) Limits for General Public/Uncontrolled Exposure				
Frequency Range (MHz)	Electric Field Strength (E) (V/m)	Magnetic Field Strength (H) (A/m)	Power Density (S) (mW/cm ²)	Averaging Time [E] ² , [H] ² , or S (minutes)
0.3-1.34	614	1.63	(100)*	30
1.34-30	824/f	2.19/f	(180/f ²)*	30
30-300	27.5	0.073	0.2	30
300-1,500	--	--	f/1,500	30
1,500-100,000	--	--	1.0	30

f = Frequency in (MHz)
 * Plane-wave equivalent power density

Figure 1. FCC Limits for Maximum Permissible Exposure (MPE)
 Plane-wave Equivalent Power Density



Based on the above, the most restrictive thresholds for exposures of unlimited duration to RF energy for several personal wireless services are summarized below:

Personal Wireless Service	Approximate Frequency	Occupational MPE	Public MPE
Personal Communication (PCS)	1,950 MHz	5.00 mW/cm ²	1.00 mW/cm ²
Cellular Telephone	870 MHz	2.90 mW/cm ²	0.58 mW/cm ²
Specialized Mobile Radio	855 MHz	2.85 mW/cm ²	0.57 mW/cm ²
Most Restrictive Freq. Range	30-300 MHz	1.00 mW/cm ²	0.20 mW/cm ²

MPE limits are designed to provide a substantial margin of safety. 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.

Personal Communication (PCS) facilities used by AT&T in this area operate within a frequency range of 850-1900 MHz. Facilities typically consist of: 1) electronic transceivers (the radios or cabinets) connected to wired telephone lines; and 2) antennas that send the wireless signals created by the transceivers to be received by individual subscriber units (PCS telephones). Transceivers are typically connected to antennas by coaxial cables.

Because of the short wavelength of PCS services, the antennas require line-of-site paths for good propagation, and are typically installed above ground level. Antennas are constructed to concentrate energy towards the horizon, with as little energy as possible scattered towards the ground or the sky. This design, combined with the low power of PCS facilities, generally results in no possibility for exposure to approach Maximum Permissible Exposure (MPE) levels, with the exception of areas directly in front of the antennas.

3.0 AT&T RF EXPOSURE POLICY REQUIREMENTS

AT&T's RF Exposure Policy guidance, dated March 31, 2009, requires that:

1. All sites must be analyzed for RF exposure compliance;
2. All sites must have that analysis documented; and
3. All sites must have any necessary signage and barriers installed.

Pursuant to this guidance, worst-case predictive modeling was performed for the site. This modeling is described below in Section 4.0. Lastly, based on the modeling and survey data, EBI has produced a Compliance Plan for this site that outlines the recommended signage and barriers. The recommended Compliance Plan for this site is described in Section 5.0.

4.0 WORST-CASE PREDICTIVE MODELING

In accordance with AT&T's RF Exposure policy, EBI performed theoretical modeling using RoofView® software to estimate the worst-case power density at the site ground-level resulting from operation of the antennas. RoofView® is a widely-used predictive modeling program that has been developed by Richard Tell Associates to predict both near field and far field RF power density values for roof-top and tower telecommunications sites produced by vertical collinear antennas that are typically used in the cellular, PCS, paging and other communications services. The models utilize several operational specifications for different types of antennas to produce a plot of spatially-averaged power densities that can be expressed as a percentage of the applicable exposure limit.

For this report, EBI utilized antenna and power data provided by AT&T, and compared the resultant worst-case MPE levels to the FCC's occupational/controlled exposure limits outlined in OET Bulletin 65.

The assumptions used in the modeling are based upon information provided by AT&T, and information gathered from other sources. There are no other wireless carriers with equipment installed at this site.

Based on worst-case predictive modeling, there are no modeled areas on any accessible ground-level walking/working surface related to the proposed AT&T antennas that exceed the FCC's occupational or general public exposure limits at this site. At the nearest walking/working surfaces to the AT&T antennas, the maximum power density generated by the AT&T antennas is approximately 3.00 percent of the FCC's general public limit (0.60 percent of the FCC's occupational limit).

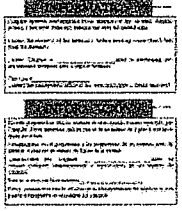

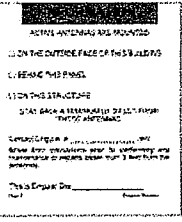
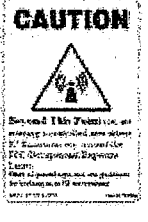
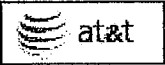
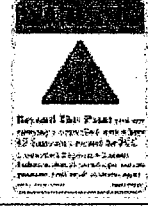
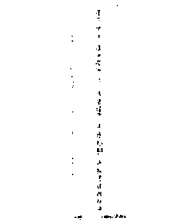
The inputs used in the modeling are summarized in the RoofView® export file presented in Appendix C. A graphical representation of the RoofView® modeling results is presented in Appendix D. It should be noted that RoofView is not suitable for modeling microwave dish antennas; however, these units are designed for point-to-point operations at the elevations of the installed equipment rather than ground level coverage.

5.0 RECOMMENDED SIGNAGE/COMPLIANCE PLAN

Signs are the primary means for control of access to areas where RF exposure levels may potentially exceed the MPE. As presented in the AT&T guidance document, the signs must:

- Be posted at a conspicuous point;
- Be posted at the appropriate locations;
- Be readily visible; and
- Make the reader aware of the potential risks prior to entering the affected area.

The table below presents the signs that may be used for AT&T installations.

Informational Signs		Alerting Signs	
	INFO 1		NOTICE
	INFO 2		CAUTION
	INFO 3		WARNING
	INFO 4		

Based upon protocols presented in AT&T's RF Exposure Policy guidance document, dated March 31, 2009, and additional guidance provided by AT&T, the following signage is recommended on the site:

Recommended Signage:

- Green INFO I sign posted on or next to the compound access gates.
- Yellow CAUTION sign posted at the base of the temporary monopole.

No barriers are required for this site. Barriers may consist of rope, chain, fencing, or painted/taped stripes. The signage and any barriers are graphically represented in the Signage Plan presented in Appendix E.

6.0 SUMMARY AND CONCLUSIONS

EBI has prepared this Radiofrequency Emissions Compliance Report for the proposed AT&T telecommunications equipment at the site located at 26 Via Contenta in Carmel Valley, California.

EBI has conducted theoretical modeling to estimate the worst-case power density from AT&T antennas to document potential MPE levels at this location and ensure that site control measures are adequate to meet FCC and OSHA requirements, as well as AT&T's corporate RF safety policies. As presented in the preceding sections, based on worst-case predictive modeling, there are no modeled exposures on any accessible ground-level walking/working surface related to proposed equipment in the area that exceed the FCC's occupational and general public exposure limits at this site. As such, the proposed AT&T project is in compliance with FCC rules and regulations.

Signage is recommended at the site as presented in Section 5.0 and Appendix E. Posting of the signage brings the site into compliance with FCC rules and regulations and AT&T's corporate RF safety policies.

7.0 LIMITATIONS

This report was prepared for the use of AT&T Mobility, LLC. It was performed in accordance with generally accepted practices of other consultants undertaking similar studies at the same time and in the same locale under like circumstances. The conclusions provided by EBI are based solely on the information provided by the client. The observations in this report are valid on the date of the investigation. Any additional information that becomes available concerning the site should be provided to EBI so that our conclusions may be revised and modified, if necessary. This report has been prepared in accordance with Standard Conditions for Engagement and authorized proposal, both of which are integral parts of this report. No other warranty, expressed or implied, is made.

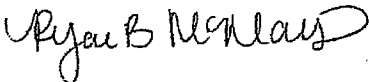
Appendix A

Certifications

Preparer Certification

I, Ryan McManus, state that:

- I am an employee of EnviroBusiness Inc. (d/b/a EBI Consulting), which provides RF-EME safety and compliance services to the wireless communications industry.
- I have successfully completed RF-EME safety training, and I am aware of the potential hazards from RF-EME and would be classified "occupational" under the FCC regulations.
- I am familiar with the FCC rules and regulations as well as OSHA regulations both in general and as they apply to RF-EME exposure.
- I have been trained in on the procedures outlined in AT&T's RF Exposure Policy guidance (dated 3/31/09) and on RF-EME modeling using RoofView® modeling software.
- I have reviewed the data provided by the client and incorporated it into this Site Compliance Report such that the information contained in this report is true and accurate to the best of my knowledge.



Appendix B

Antenna Inventory

Antenna Number	Operator	Antenna Type	TX Freq (MHz)	ERP (Watts)	Gain (dBd)	Model	Azimuth (deg.)	Length (ft)	Horizontal Beamwidth (Deg.)	X	Y	Z
ATT A1	AT&T	Panel	UMTS 850	312	14.35	Kathrein 742-266	50	4.3	65	48.0	21.0	54.4
ATT A1	AT&T	Panel	UMTS 1900	495	16.35	Kathrein 742-266	50	4.3	65	48.0	21.0	54.4
ATT A2	AT&T	Panel	GSM 850	744	14.35	Kathrein 742-266	50	4.3	65	43.0	22.0	54.4
ATT A2	AT&T	Panel	GSM 1900	836	16.35	Kathrein 742-266	50	4.3	65	43.0	22.0	54.4
ATT A3	AT&T	Panel	GSM 850	744	14.35	Kathrein 742-266	50	4.3	65	40.0	23.0	54.4
ATT A3	AT&T	Panel	GSM 1900	836	16.35	Kathrein 742-266	50	4.3	65	40.0	23.0	54.4
ATT A4	AT&T	Panel	GSM 850	744	14.35	Kathrein 742-266	50	4.3	65	35.0	24.0	54.4
ATT A4	AT&T	Panel	GSM 1900	836	16.35	Kathrein 742-266	50	4.3	65	35.0	24.0	54.4
ATT B1	AT&T	Panel	UMTS 850	312	14.35	Kathrein 742-266	315	4.3	65	35.0	21.0	54.4
ATT B1	AT&T	Panel	UMTS 1900	495	16.35	Kathrein 742-266	315	4.3	65	35.0	21.0	54.4
ATT B2	AT&T	Panel	GSM 850	744	14.35	Kathrein 742-266	315	4.3	65	34.0	17.0	54.4
ATT B2	AT&T	Panel	GSM 1900	836	16.35	Kathrein 742-266	315	4.3	65	34.0	17.0	54.4
ATT B3	AT&T	Panel	GSM 850	744	14.35	Kathrein 742-266	315	4.3	65	34.0	13.0	54.4

Page 14 of 22 Pages
 Exhibit E

Antenna Number	Operator	Antenna Type	TX Freq (MHz)	ERP (Watts)	Gain (dBd)	Model	Azimuth (deg.)	Length (ft)	Horizontal Beamwidth (Deg.)	X	Y	Z
ATT B3	AT&T	Panel	GSM 1900	836	16.35	Kathrein 742-266	315	4.3	65	34.0	13.0	54.4
ATT B4	AT&T	Panel	GSM 850	744	14.35	Kathrein 742-266	315	4.3	65	33.0	9.0	54.4
ATT B4	AT&T	Panel	GSM 1900	836	16.35	Kathrein 742-266	315	4.3	65	33.0	9.0	54.4
ATT C1	AT&T	Panel	UMTS 850	312	14.35	Kathrein 742-266	130	4.3	65	45.0	7.0	54.4
ATT C1	AT&T	Panel	UMTS 1900	495	16.35	Kathrein 742-266	130	4.3	65	45.0	7.0	54.4
ATT C2	AT&T	Panel	GSM 850	744	14.35	Kathrein 742-266	130	4.3	65	45.0	11.0	54.4
ATT C2	AT&T	Panel	GSM 1900	836	16.35	Kathrein 742-266	130	4.3	65	45.0	11.0	54.4
ATT C3	AT&T	Panel	GSM 850	744	14.35	Kathrein 742-266	130	4.3	65	45.0	15.0	54.4
ATT C3	AT&T	Panel	GSM 1900	836	16.35	Kathrein 742-266	130	4.3	65	45.0	15.0	54.4
ATT C4	AT&T	Panel	GSM 850	744	14.35	Kathrein 742-266	130	4.3	65	45.0	19.0	54.4
ATT C4	AT&T	Panel	GSM 1900	836	16.35	Kathrein 742-266	130	4.3	65	45.0	19.0	54.4

1. Note that EBI uses an assumed set of antenna specifications and powers for unknown and other carrier antennas for modeling purposes.

Page 15 of 22 Pages
 Exhibit E

Appendix C
Roofview® Export File

Map, Settings, Antenna, and Symbol Data Table .. Exported from workbook -> RoofView 4.15.xls
 Done on 3/25/2010 at 5:05:04 PM.
 Use this format to prepare other data sets for the RoofView workbook file.
 You may use as many rows in this TOP header as you wish.
 The critical point are the cells in COLUMN ONE that read 'Start...' (eg. StartMapDefinition)
 If used, these (4) headers are required to be spelled exactly, as one word (eg. StartMapDefinition)
 The very next row will be considered the start of that data block.
 The first row of the data block can be a header (as shown below), but this is optional.
 When building a text file for import, Add the Map Info first, then the Antenna data, followed by the symbol data.
 All rows above the first marker line 'Start...' will be ignored, no matter how many there are.
 This area is for you use for documentation.
 End of help comments.

You can place as much text here as you wish as long as you don't place it below
 the Start Map Definition row below the blue line.
 You may insert more rows using the Insert menu.
 Should you need additional lines to document your project, simply insert additional rows
 by highlighting the row number adjacent to the blue line below and then clicking on the Insert menu
 and selecting rows.

StartMapDefinition

Roof Max Y Roof Max X Map Max Y Map Max X Y Offset X Offset Number of envelope
 210 120 210 200 0 10 1 \$US11;\$EJ;\$US11;\$EJ\$220

AntennaData

Standard Method Uptime Scale Facs Low Thr Low Color Mid Thr Mid Color Hi Thr Hi Color Over Color Ap Ht Mult Ap Ht Method
 4 2 1 1 100 500 4 5000 2 3 1.5 1

AntennaData

It is advisable to provide an ID (ant 1) for all antennas

ID	Name	Freq	Trans Power	Trans Count	Coax Len	Coax Type	Other Loss	Input Power	Calc Power	Mfg	Model	(ft) X	(ft) Y	(ft) Z	Type	(ft) Aper	dBd Gain	BWdth Pt Dir	Uptime Profile	ON flag
ATT A1	UMTS	850	39.8	1	130	7/8 LDF	1.46	18.81408	Kathrein	742-266	48	21	54.35	4.3	14.35	65;21	ON*			
ATT A1	UMTS	1900	39.8	1	130	7/8 LDF	1.46	18.81408	Kathrein	742-266	48	21	54.35	4.3	16.35	65;21	ON*			
ATT A2	GSM	850	31.6	3	130	7/8 LDF	1.46	44.81345	Kathrein	742-266	43	22	54.35	4.3	14.35	65;21	ON*			
ATT A2	GSM	1900	22.4	3	130	7/8 LDF	1.46	31.76649	Kathrein	742-266	43	22	54.35	4.3	16.35	65;21	ON*			
ATT A3	GSM	850	31.6	3	130	7/8 LDF	1.46	44.81345	Kathrein	742-266	40	23	54.35	4.3	14.35	65;21	ON*			
ATT A3	GSM	1900	22.4	3	130	7/8 LDF	1.46	31.76649	Kathrein	742-266	40	23	54.35	4.3	16.35	65;21	ON*			
ATT A4	GSM	850	31.6	3	130	7/8 LDF	1.46	44.81345	Kathrein	742-266	35	24	54.35	4.3	14.35	65;21	ON*			
ATT A4	GSM	1900	22.4	3	130	7/8 LDF	1.46	31.76649	Kathrein	742-266	35	24	54.35	4.3	16.35	65;21	ON*			
ATT B1	UMTS	850	39.8	1	130	7/8 LDF	1.46	18.81408	Kathrein	742-266	35	21	54.35	4.3	14.35	65;286	ON*			
ATT B1	UMTS	1900	39.8	1	130	7/8 LDF	1.46	18.81408	Kathrein	742-266	35	21	54.35	4.3	16.35	65;286	ON*			
ATT B2	GSM	850	31.6	3	130	7/8 LDF	1.46	44.81345	Kathrein	742-266	34	17	54.35	4.3	14.35	65;286	ON*			
ATT B2	GSM	1900	22.4	3	130	7/8 LDF	1.46	31.76649	Kathrein	742-266	34	17	54.35	4.3	16.35	65;286	ON*			
ATT B3	GSM	850	31.6	3	130	7/8 LDF	1.46	44.81345	Kathrein	742-266	34	13	54.35	4.3	14.35	65;286	ON*			
ATT B3	GSM	1900	22.4	3	130	7/8 LDF	1.46	31.76649	Kathrein	742-266	34	13	54.35	4.3	16.35	65;286	ON*			
ATT B4	GSM	850	31.6	3	130	7/8 LDF	1.46	44.81345	Kathrein	742-266	33	9	54.35	4.3	14.35	65;286	ON*			
ATT B4	GSM	1900	22.4	3	130	7/8 LDF	1.46	31.76649	Kathrein	742-266	33	9	54.35	4.3	16.35	65;286	ON*			
ATT C1	UMTS	850	39.8	1	130	7/8 LDF	1.46	18.81408	Kathrein	742-266	45	7	54.35	4.3	14.35	65;101	ON*			
ATT C1	UMTS	1900	39.8	1	130	7/8 LDF	1.46	18.81408	Kathrein	742-266	45	7	54.35	4.3	16.35	65;101	ON*			
ATT C2	GSM	850	31.6	3	130	7/8 LDF	1.46	44.81345	Kathrein	742-266	45	11	54.35	4.3	14.35	65;101	ON*			
ATT C2	GSM	1900	22.4	3	130	7/8 LDF	1.46	31.76649	Kathrein	742-266	45	11	54.35	4.3	16.35	65;101	ON*			
ATT C3	GSM	850	31.6	3	130	7/8 LDF	1.46	44.81345	Kathrein	742-266	45	15	54.35	4.3	14.35	65;101	ON*			
ATT C3	GSM	1900	22.4	3	130	7/8 LDF	1.46	31.76649	Kathrein	742-266	45	15	54.35	4.3	16.35	65;101	ON*			
ATT C4	GSM	850	31.6	3	130	7/8 LDF	1.46	44.81345	Kathrein	742-266	45	19	54.35	4.3	14.35	65;101	ON*			
ATT C4	GSM	1900	22.4	3	130	7/8 LDF	1.46	31.76649	Kathrein	742-266	45	19	54.35	4.3	16.35	65;101	ON*			

SymbolData

Sym	Map Marks	Roof X	Roof Y	Map Label	Description (notes for this table only)
Sym			5	35 AC Unit	Sample symbols
Sym		14		5 Roof Access	
Sym		45		5 AC Unit	
Sym		45		20 Ladder	





List Of Areas
 \$US11;\$EJ;\$220

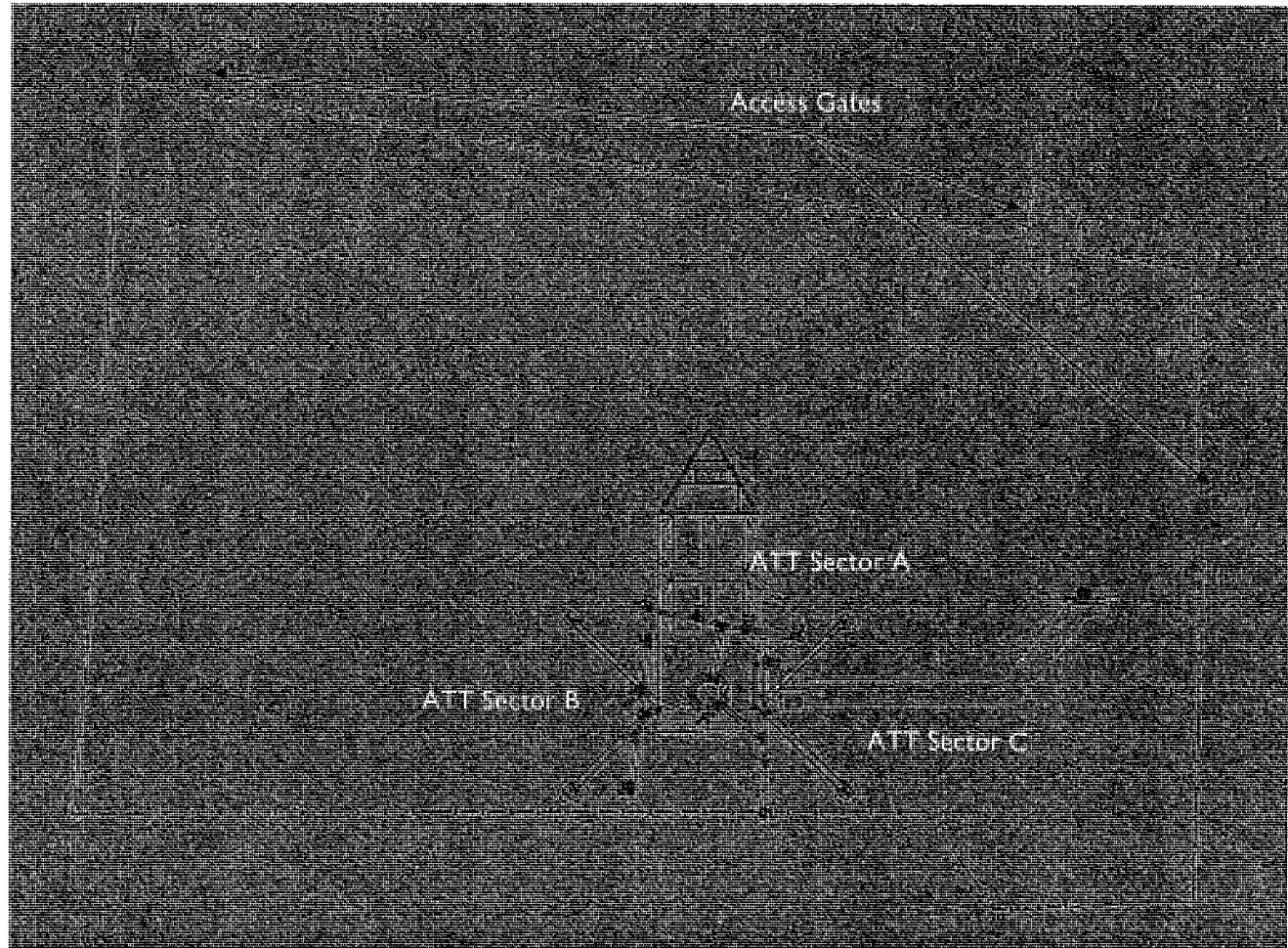
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Exhibit E

Appendix D
Roofview ® Graphics

% of FCC Public Exposure Limit

-  Exposure Level $\geq 5,000$
-  $500 < \text{Exposure Level} \leq 5000$
-  $100 < \text{Exposure Level} \leq 500$
-  Exposure Level ≤ 100



-  AT&T Antennas
-  Other Carrier Antennas

Roofview: Composite Exposure Levels

Facility Operator: AT&T Mobility

Site Name: Carmel Valley Road



AT&T Site Number: CN3235

USID Number: 109977

Report Date: 03-25-10



% of FCC Public Exposure Limit

-  Exposure Level >5
-  Exposure Level ≤ 5

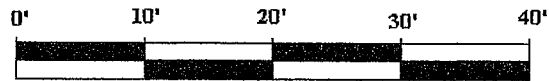
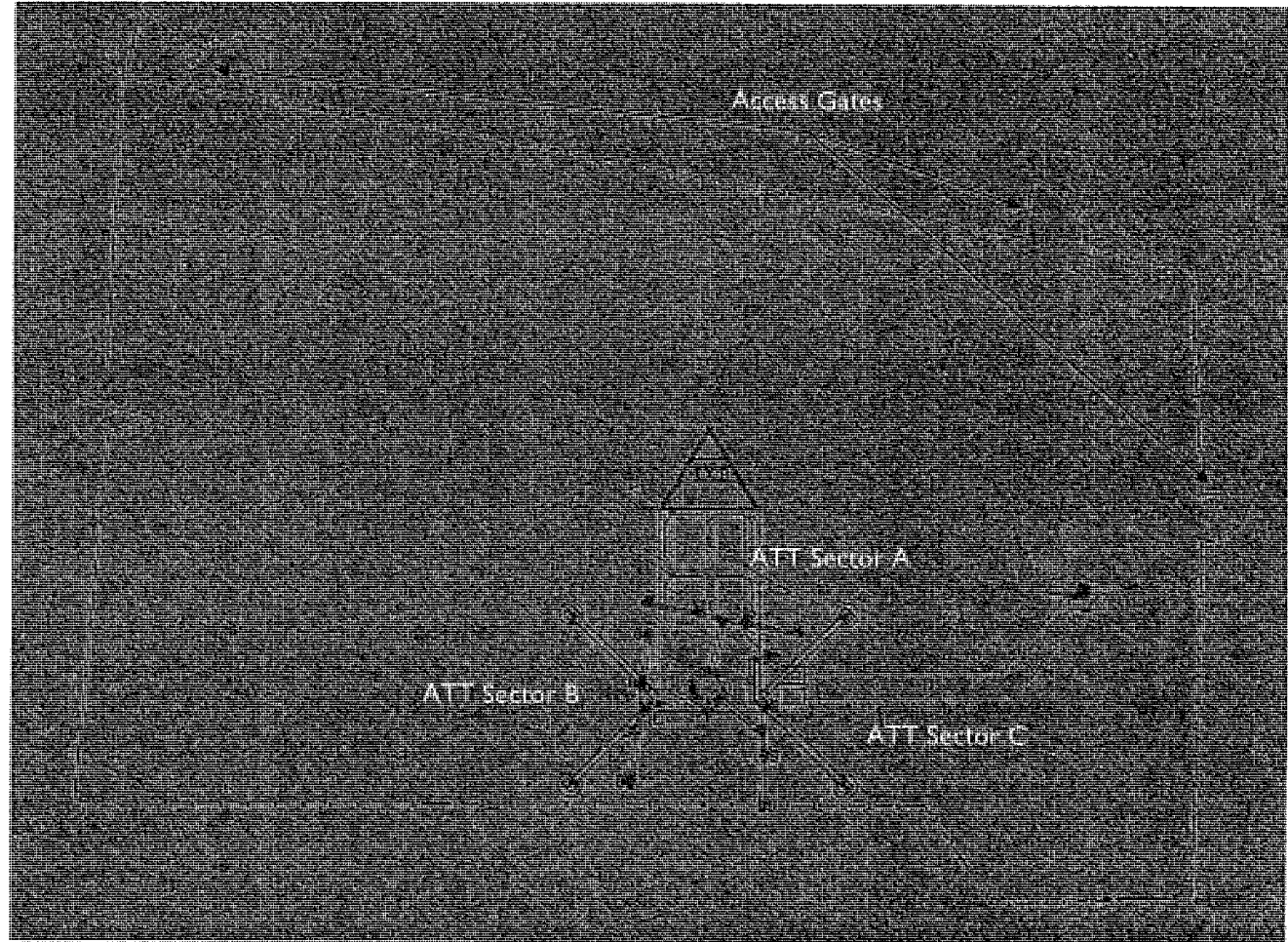




Exhibit E

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-  AT&T Antennas
-  Other Carrier Antennas

Roofview: AT&T Exposure Levels

Facility Operator: AT&T Mobility

Site Name: Carmel Valley Road

AT&T Site Number: CN3235



USID Number: 109977

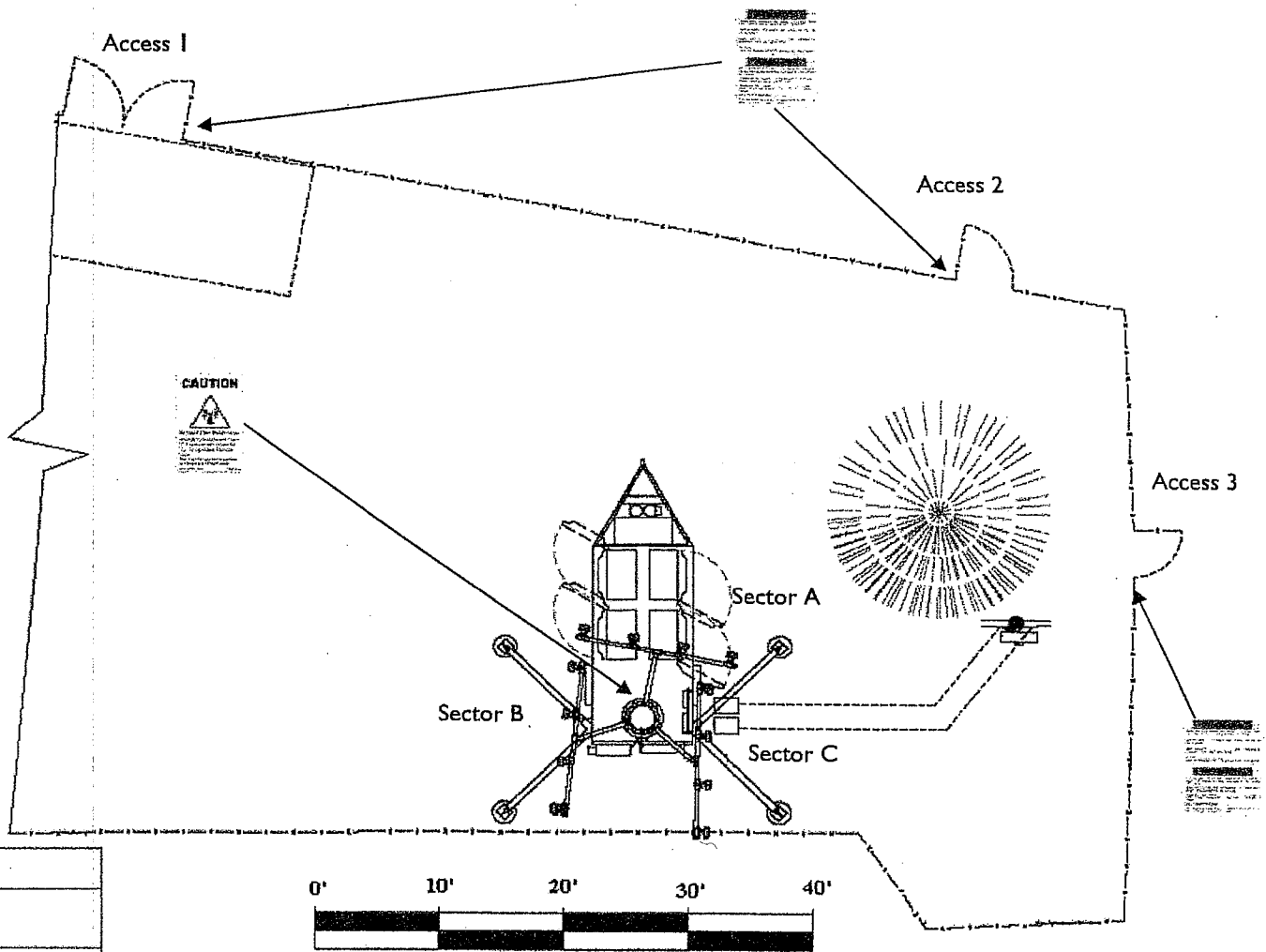
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








Appendix E

Compliance/Signage Plan

-  AT&T Antennas
-  Other Carrier Antennas



Sign Identification Legend	
	Denotes AT&T Informational Sign 1
	Denotes AT&T Informational Sign 2
	Denotes AT&T Informational Sign 3
	Denotes AT&T Informational Sign 4
	Denotes AT&T NOTICE Sign
	Denotes AT&T CAUTION Sign
	Denotes AT&T WARNING Sign

Compliance/Signage Plan
Facility Operator: AT&T Mobility
Site Name: Carmel Valley Road
AT&T Site Number: CN3235
USID Number: 109977
Report Date: 03-25-10

