

Case File Number: PLN15071

June 17, 2015

<b>Location:</b>	<b>The Public Right-of-Way at Colton Blvd. (Adjacent to 6046 Colton Blvd.)</b> (See map on reverse)
<b>Assessors Parcel Numbers:</b>	<b>(048F-7368-021-06) nearest lot adjacent to the project site.</b> To install a wireless Telecommunications Facility (AT&T wireless) on a replacement PG&E utility pole located in the public right-of-way. Install two panel antennas (two feet long and ten inches wide) mounted onto a new utility pole at 50'-5" high and; an associated equipment box, one battery backup and meter boxes within a 6' tall by 18" wide singular equipment box attached to the pole at 10'-10" above the ground.
<b>Proposal:</b>	
<b>Applicant:</b>	New Cingular Wireless PCS, LLC. For AT&T Mobility
<b>Contact Person/ Phone Number:</b>	Matthew Yergovich (415)596-3474
<b>Owner:</b>	City of Oakland
<b>Case File Number:</b>	<b>PLN15071</b>
<b>Planning Permits Required:</b>	Regular Design Review (non-residential) to install a wireless Macro Telecommunications Facility (OMC Sec.17.128.100, 17.136.050 (B)(2); Additional Findings for a Macro Facility (OMC Sec. 17.128.070(B)(C).
<b>General Plan:</b>	Hillside Residential
<b>Zoning:</b>	RH-4 Hillside Residential 4 Zone
<b>Environmental Determination:</b>	Exempt, Section 15303 of the State CEQA Guidelines (small facilities or structures; installation of small new equipment and facilities in small structures), and none of the exceptions to the exemption in CEQA Guidelines Section 15300.2 apply to the proposal. Exempt, Section 15183 of the State CEQA Guidelines; projects consistent with a community plan, general plan or zoning.
<b>Historic Status:</b>	Not a Potential Designated Historic Property; Survey rating: N/A
<b>Service Delivery District:</b>	2
<b>City Council District:</b>	4
<b>Date Filed:</b>	March 17 <sup>th</sup> , 2015
<b>Finality of Decision:</b>	Appealable to City Council within 10 Days
<b>For Further Information:</b>	Contact case planner Jose M. Herrera-Preza at (510) 238-3808 or <a href="mailto:jherrera@oaklandnet.com">jherrera@oaklandnet.com</a>

## SUMMARY

The proposal is to install a wireless Telecommunications Macro Facility on a replacement Joint Pole Authority (JPA) utility pole located in the public right-of-way along Colton Blvd near the intersection of Mazuela Dr. and Colton Blvd. New Cingular Wireless PCS for AT&T Mobility is proposing to install two panel antennas mounted on top of a new JPA pole, resulting in a new height of 50'-5" (to top of antennas); an associated equipment box, one battery backup and meter boxes within a 6' tall by 18" wide singular equipment box attached to the pole at 10'-10" above the ground.

# CITY OF OAKLAND PLANNING COMMISSION



Case File: PLN15071

Applicant: Yergovich & Associates, LLC / Matthew Yergovich

Address: 6046 Colton Boulevard (in Public Right of Way)

Zone: RH-4

A Major Design Review permit is required to install a new Telecommunications Facility located within 100' of a residential zone. As detailed below, the project meets all of the required findings for approval. Therefore, staff recommends approval of the project subject to the attached conditions of approval.

## **PROJECT DESCRIPTION**

The applicant (New Cingular Wireless PCS, LLC. for AT&T Mobility ) is proposing to install a wireless Telecommunications Macro Facility on a new JPA utility pole located in the public right-of-way along Colton Blvd near 6046 Colton Blvd in a hillside area surrounded by single-family homes. The project consists of swapping an existing 24'-9" JPA pole with a new JPA pole in the same location, with two panel antennas (each is two-feet long and 10- inches wide) mounted onto the new JPA pole resulting in a 50'-5" tall pole; an associated equipment box, one battery backup and meter boxes within a 6' tall by 18" wide single equipment box attached to the pole at the height of 10'-10" above the ground, located in public right-of-way. No portion of the telecommunication facilities will be located on the ground within the City of Oakland public right-of-way. The proposed antennas and associated equipment will not be accessible to the public. (See Attachment A).

## **TELECOMMUNICATIONS BACKGROUND**

### **Limitations on Local Government Zoning Authority under the Telecommunications Act of 1996**

Section 704 of the Telecommunications Act of 1996 (TCA) provides federal standards for the siting of "Personal Wireless Services Facilities." "Personal Wireless Services" include all commercial mobile services (including personal communications services (PCS), cellular radio mobile services, and paging); unlicensed wireless services; and common carrier wireless exchange access services. Under Section 704, local zoning authority over personal wireless services is preserved such that the FCC is prevented from preempting local land use decisions; however, local government zoning decisions are still restricted by several provisions of federal law.

Under Section 253 of the TCA, no state or local regulation or other legal requirement can prohibit or have the effect of prohibiting the ability of any entity to provide any interstate or intrastate telecommunications service.

Further, Section 704 of the TCA imposes limitations on what local and state governments can do. Section 704 prohibits any state and local government action which unreasonably discriminates among personal wireless providers. Local governments must ensure that its wireless ordinance does not contain requirements in the form of regulatory terms or fees which may have the "effect" of prohibiting the placement, construction, or modification of personal wireless services.

Section 704 also preempts any local zoning regulation purporting to regulate the placement, construction and modification of personal wireless service facilities on the basis, either directly or indirectly, on the environmental effects of radio frequency emissions (RF) of such facilities, which otherwise comply with FCC standards in this regard. See, 47 U.S.C. 332(c)(7)(B)(iv) (1996). This means that local authorities may not regulate the siting or construction of personal wireless facilities based on RF standards that are more stringent than those promulgated by the FCC.

Section 704 mandates that local governments act upon personal wireless service facility siting applications to place, construct, or modify a facility within a reasonable time. 47 U.S.C.332(c)(7)(B)(ii). See FCC Shot Clock ruling setting forth "reasonable time" standards for applications deemed complete.

Section 704 also mandates that the FCC provide technical support to local governments in order to encourage them to make property, rights-of-way, and easements under their jurisdiction available for the placement of new spectrum-based telecommunications services. This proceeding is currently at the comment stage.

For more information on the FCC's jurisdiction in this area, contact Steve Markendorff, Chief of the Broadband Branch, Commercial Wireless Division, Wireless Telecommunications Bureau, at (202) 418-0640 or e-mail "smarkend@fcc.gov".

## **PROPERTY DESCRIPTION**

The existing 24'-9" tall JPA utility pole is located in the City of Oakland public right-of-way adjacent to 6046 Colton Blvd., which contains a single-family residence on a steep downslope parcel to the south, and another residence on an upslope parcel to the north in a relatively wooded hillside residential area.

## **GENERAL PLAN ANALYSIS**

The subject property is located within the Hillside Residential Area of the General Plan's Land Use & Transportation Element (LUTE). The Hillside Residential Classification is intended *"to create, maintain, and enhance neighborhood residential areas that are characterized by detached, single unit structures on hillside lots"*. The proposed telecommunication facilities will be mounted on a new wood JPA pole intended to resemble existing PG&E utility poles within the City of Oakland public right-of-way. Visual impacts will be mitigated since the antennas are mounted 50'+ plus feet above the right-of-way and "climb through" existing trees and vegetation lining the street. The existing wooded area will provide camouflage and blend in the equipment cabinet box which will be within a single box and painted to match the existing utility pole. Therefore, the proposed unmanned wireless telecommunication facility will not adversely affect or detract from the resource conservation characteristics of the neighborhood.

Civic and Institutional uses

Objective N2

Encourage adequate civic, institutional and educational facilities located within Oakland, appropriately designed and sited to serve the community.

Staff finds the proposal to be in conformance with the objectives of the General Plan by servicing the community with enhanced telecommunications capability.

## **ZONING ANALYSIS**

The proposed project is located in RH-4 Hillside Residential 4 Zone. The intent of the RH-4 Zone is: *"to create, maintain, and enhance areas for single-family dwellings on lots of six thousand five hundred (6,500) to eight thousand (8,000) square feet and is typically appropriate in already developed areas of the Oakland Hills"*. The proposed telecommunication facility is located adjacent to 6046 Colton Blvd. in a hillside residential area of the Oakland Hills. The project requires Regular Design Review per 17.128.100, which states that Telecommunications Facilities proposed in residential areas with special findings, to allow the installation of new telecommunication facilities on an existing JPA pole located in the public right-of-way in a Residential Zone. Special findings are required for Design Review approval to ensure that the facility is concealed to the extent possible.

## **ENVIRONMENTAL DETERMINATION**

The California Environmental Quality Act (CEQA) Guidelines lists the projects that qualify as categorical exemptions from environmental review. Staff finds that the proposed project is categorically exempt from the environmental review requirements pursuant to Section 15301, (additions and alterations to existing facilities), and Section 15303 (small facilities or structures; installation of small new equipment and facilities in small structures), and that none of the exceptions to the exemption in CEQA Guidelines Section 15300.2 are triggered by the proposal, and 15183 (projects consistent with a General Plan or Zoning) further applies.

## **KEY ISSUES AND IMPACTS**

### **1. Regular Design Review**

Section 17.128.100, 17.136.040 and 17.128.070 of the City of Oakland Planning Code requires Regular Design Review for Macro Telecommunication Facilities in the Hillside Residential zone or that are located within one hundred (100) feet of the boundary of any residential zone. The required findings for Regular Design Review, and the reasons this project meets them, are listed and included in staff's evaluation as part of this report.

### **2. Project Site**

Section 17.128.110 of the City of Oakland Telecommunication Regulations indicate that new wireless facilities shall generally be located on designated properties or facilities in the following order of preference:

- A. Co-located on an existing structure or facility with existing wireless antennas.
- B. City-owned properties or other public or quasi-public facilities.
- C. Existing commercial or industrial structures in non-residential zones (excluding all HBX Zones and the D-CE-3 and D-CE-4 Zones).
- D. Existing commercial or industrial structures in residential zones, HBX Zones, or the D-CE-3 or D-CE-4 Zones.
- E. Other non-residential uses in residential zones, HBX Zones, or the D-CE-3 or D-CE-4 Zones.
- F. Residential uses in non-residential zones (excluding all HBX Zones and the D-CE-3 and D-CE-4 Zones).
- G. Residential uses in residential zones, HBX Zones, or the D-CE-3 or D-CE-4 Zones.

\*Facilities located on an A, B or C ranked preferences do not require a site alternatives analysis.

Since the proposed project involves locating the installation of new antennas and associated equipment cabinets on an existing utility pole, the proposed project meets: (B) quasi-public facilities on for a new wood JPA pole in the public right-of-way. The applicant has also provided a statement on site alternative analysis to indicate a public necessity for telecommunication services in the area.

### **3. Project Design**

Section 17.128.120 of the City of Oakland Telecommunications Regulations indicates that new wireless facilities shall generally be designed in the following order of preference:

- A. Building or structure mounted antennas completely concealed from view.
- B. Building or structure mounted antennas set back from roof edge, not visible from public right-of way.

- C. Building or structure mounted antennas below roof line (facade mount, pole mount) visible from public right-of-way, painted to match existing structure.
- D. Building or structure mounted antennas above roof line visible from public right of-way.
- E. Monopoles.
- F. Towers.

\* Facilities designed to meet an A & B ranked preference does not require a site design alternatives analysis. Facilities designed to meet a C through F ranked preference, inclusive, must submit a site design alternatives analysis as part of the required application materials. (c) site design alternatives analysis shall, at a minimum, consist of:

- a. Written evidence indicating why each higher preference design alternative cannot be used. Such evidence shall be in sufficient detail that independent verification could be obtained if required by the City of Oakland Zoning Manager. Evidence should indicate if the reason an alternative was rejected was technical (e.g. incorrect height, interference from existing RF sources, inability to cover required area) or for other concerns (e.g. inability to provide utilities, construction or structural impediments).

City of Oakland Planning staff, along with the applicant, completed an on-site site design analysis and determined that the site selected is conforming to all other telecommunication regulation requirements. The project meets design criteria (E) since the antennas will be mounted on a new wood JPA pole resembling existing PG&E wood poles in the area, in addition to locating the new pole in an area where the new facility will be camouflaged partially by the existing mature trees and the equipment cabinet box and battery backup box will be within a single equipment box attached to the utility pole and painted to match the color of an existing PG&E utility pole to minimize potential visual impacts from public view.

#### **4. Project Radio Frequency Emissions Standards**

Section 17.128.130 of the City of Oakland Telecommunication Regulations require that the applicant submit the following verifications including requests for modifications to existing facilities:

- a. With the initial application, a RF emissions report, prepared by a licensed professional engineer or other expert, indicating that the proposed site will operate within the current acceptable thresholds as established by the Federal government or any such agency who may be subsequently authorized to establish such standards.
- b. Prior to commencement of construction, a RF emissions report indicating the baseline RF emissions condition at the proposed site.
- c. Prior to final building permit sign off, an RF emissions report indicating that the site is actually operating within the acceptable thresholds as established by the Federal government or any such agency who may be subsequently authorized to establish such standards.

The RF-EME Electromagnetic Energy Compliance Report, prepared by William F. Hammett, P.E. for Hammett & Edison Inc. Consulting Engineers, indicates that the proposed project meets the radio frequency (RF) emissions standards as required by the regulatory agency. The report states that the proposed project will comply with the prevailing standards for limiting public exposure to radio frequency energy and, therefore, will not cause a significant impact on the environment. Additionally, staff recommends as a condition of approval that, prior to the issuance of a final building permit, the applicant submits a certified RF emissions report stating that the facility is operating within acceptable thresholds established by the regulatory federal agency.

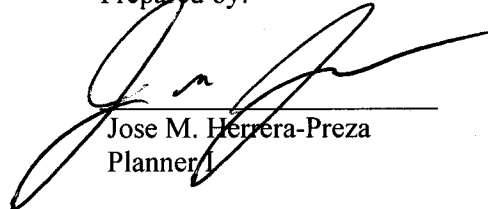
**CONCLUSION**

The proposed project meets all of the required findings for approval. Therefore, staff recommends approval of the project subject to the attached conditions.

**RECOMMENDATIONS:**

1. Affirm staff's environmental determination
2. Approve Design Review application  
PLN15071 subject to the attached findings  
and conditions of approval

Prepared by:



Jose M. Herrera-Preza  
Planner I

Approved by:



Scott Miller  
Zoning Manager

Approved for forwarding to the  
City Planning Commission



Darin Ranelletti, Deputy Director  
Bureau of Planning

**ATTACHMENTS:**

- A. Project Plans & Photo simulations & Alternative Site Analysis
- B. Hammett & Edison, Inc., Consulting Engineering RF Emissions Report
- C. Site Alternative Analysis

## **FINDINGS FOR APPROVAL**

This proposal meets all the required findings under Section 17.136.050.(B), of the Non-Residential Design Review criteria and all the required findings under Section 17.128.070(B), of the telecommunication facilities (Macro) Design Review criteria and as set forth below: Required findings are shown in **bold** type; reasons your proposal satisfies them are shown in normal type.

### **17.136.050(B) – NONRESIDENTIAL DESIGN REVIEW CRITERIA:**

**1. That the proposal will help achieve or maintain a group of facilities which are well related to one another and which, when taken together, will result in a well-composed design, with consideration given to site, landscape, bulk, height, arrangement, texture, materials, colors, and appurtenances; the relation of these factors to other facilities in the vicinity; and the relation of the proposal to the total setting as seen from key points in the surrounding area. Only elements of design which have some significant relationship to outside appearance shall be considered, except as otherwise provided in Section 17.136.060;**

The project consists of replacing a 24'-9" Joint Pole Authority (JPA) utility pole with a new 50' JPA utility in the same location and adding two telecommunications panel antennas (two feet long and 10-inches wide), affixed on top of the utility pole; an associated equipment box, one battery backup and meter boxes within a 6' tall by 18" wide equipment box attached to the pole 10'-10" above the ground, located in the public right-of-way along Colton Blvd. near the intersection of Mazuela Dr. and Colton Blvd. The proposed antennas and equipment cabinet attached to the utility pole will be located 50' above the right-of-way above the existing trees and vegetation which will serve as camouflage to help the facility to blend in with the existing surrounding hillside residential area. Therefore, the proposal will have minimal visual impacts from public view.

**2. That the proposed design will be of a quality and character which harmonizes with, and serves to protect the value of, private and public investments in the area;**

The proposal improves wireless telecommunication service in the hillside residential area. The installation will be camouflaged to blend in with the existing mature trees surrounding the area to have minimal visual impacts on public views, thereby protecting the value of private and public investments in the area.

**3. That the proposed design conforms in all significant respects with the Oakland General Plan and with any applicable design review guidelines or criteria, district plan, or development control map which have been adopted by the Planning Commission or City Council.**

The subject property is located within the Hillside Residential Area of the General Plan's Land Use & Transportation Element (LUTE). The Hillside Residential Classification is intended "*to create, maintain, and enhance neighborhood residential areas that are characterized by detached, single unit structures on hillside lots*". The proposed telecommunication facilities will be mounted onto a wood JPA pole intended to resemble existing utility poles within the City of Oakland public right-of-way. The proposed unmanned wireless telecommunication facility will be located on an existing utility pole and will not detract from the hillside residential value of the neighborhood. Visual impacts will be minimized since the site is relatively wooded, with trees partially obscuring views of the pole. Therefore, the Project conforms to the applicable General Plan and Design Review criteria.

**17.128.070(B) DESIGN REVIEW CRITERIA FOR MACRO FACILITIES**

**1. Antennas should be painted and/or textured to match the existing structure:**

The proposed antennas will be painted to match the existing utility pole and blend with the surroundings.

**2. Antennas mounted on architecturally significant structures or significant architectural details of the building should be covered by appropriate casings which are manufactured to match existing architectural features found on the building:**

The proposed antennas will not be mounted on any building or architecturally significant structure, but rather on a utility pole.

**3. Where feasible, antennas can be placed directly above, below or incorporated with vertical design elements of a building to help in camouflaging:**

The proposed antennas will be mounted on a new JPA utility pole (at the same location) and painted to match the pole, which will be further camouflaged by surrounding mature trees.

**4. Equipment shelters or cabinets shall be screened from the public view by using landscaping, or materials and colors consistent with surrounding backdrop:**

The associated equipment will be located within a single equipment box attached to the existing utility pole and painted to match the pole and blend with the surroundings.

**5. Equipment shelters or cabinets shall be consistent with the general character of the area.**

The proposed equipment cabinets will be compatible with the existing utility related equipment.

**6. For antennas attached to the roof, maintain a 1:1 ratio for equipment setback; screen the antennas to match existing air conditioning units, stairs, or elevator towers; avoid placing roof mounted antennas in direct line with significant view corridors.**

N/A.

**7. That all reasonable means of reducing public access to the antennas and equipment has been made, including, but not limited to, placement in or on buildings or structures, fencing, anti-climbing measures and anti-tampering devices.**

The antennas will be mounted onto a new JPA utility pole. They will not be accessible to the public due to their location. The equipment accommodation and battery backup boxes will also be inside a single equipment box and attached to the pole at a height of 10'-10" above ground.

**CONDITIONS OF APPROVAL**  
**PLN15071**

**STANDARD CONDITIONS:**

**1. Approved Use**

***Ongoing***

a) The project shall be constructed and operated in accordance with the authorized use as plans, will require a separate application and approval. Any deviation from the approved drawings, Conditions of Approval or use shall required prior written approval from the Director of City Planning or designee.

b) This action by the City Planning Commission ("this Approval") includes the approvals set forth below. This Approval includes: **To install a wireless Telecommunications Facility (AT&T wireless) on a existing 24'-9" tall JPA utility pole located in the public right-of-way. Install two panel antennas (two-feet long and ten inches wide) mounted onto a new JPA pole at 50'-5" high on the pole; an associated equipment box, one battery backup and meter boxes within a 6' tall by 18" wide equipment box attached to the pole at 10'-10" above the ground, under Oakland Municipal Code 17.128 and 17.136.**

**2. Effective Date, Expiration, Extensions and Extinguishment**

***Ongoing***

Unless a different termination date is prescribed, this Approval shall expire **two calendar years** from the approval date, unless within such period all necessary permits for construction or alteration have been issued, or the authorized activities have commenced in the case of a permit not involving construction or alteration. Upon written request and payment of appropriate fees submitted no later than the expiration date of this permit, the Director of City Planning or designee may grant a one-year extension of this date, with additional extensions subject to approval by the approving body. Expiration of any necessary building permit for this project may invalidate this Approval if the said extension period has also expired.

**3. Scope of This Approval; Major and Minor Changes**

***Ongoing***

The project is approved pursuant to the **Oakland Planning Code** only. Minor changes to approved plans may be approved administratively by the Director of City Planning or designee. Major changes to the approved plans shall be reviewed by the Director of City Planning or designee to determine whether such changes require submittal and approval of a revision to the approved project by the approving body or a new, completely independent permit.

**4. Conformance with other Requirements**

***Prior to issuance of a demolition, grading, P-job, or other construction related permit***

- a) The project applicant shall comply with all other applicable federal, state, regional and/or local codes, requirements, regulations, and guidelines, including but not limited to those imposed by the City's Building Services Division, the City's Fire Marshal, and the City's Public Works Agency.
- b) The applicant shall submit approved building plans for project-specific needs related to fire protection to the Fire Services Division for review and approval, including, but not
- c) limited to automatic extinguishing systems, water supply improvements and hydrants, fire department access, and vegetation management for preventing fires and soil erosion.

**5. Conformance to Approved Plans; Modification of Conditions or Revocation*****Ongoing***

- a) Site shall be kept in a blight/nuisance-free condition. Any existing blight or nuisance shall be abated within 60-90 days of approval, unless an earlier date is specified elsewhere.
- b) The City of Oakland reserves the right at any time during construction to require certification by a licensed professional that the as-built project conforms to all applicable zoning requirements, including but not limited to approved maximum heights and minimum setbacks. Failure to construct the project in accordance with approved plans may result in remedial reconstruction, permit revocation, permit modification, stop work, permit suspension or other corrective action.
- c) Violation of any term, conditions or project description relating to the Approvals is unlawful, prohibited, and a violation of the Oakland Municipal Code. The City of Oakland reserves the right to initiate civil and/or criminal enforcement and/or abatement proceedings, or after notice and public hearing, to revoke the Approvals or alter these conditions if it is found that there is violation of any of the conditions or the provisions of the Planning Code or Municipal Code, or the project operates as or causes a public nuisance. This provision is not intended to, nor does it; limit in any manner whatsoever the ability of the City to take appropriate enforcement actions.

**6. Signed Copy of the Conditions*****With submittal of a demolition, grading, and building permit***

A copy of the approval letter and conditions shall be signed by the property owner, notarized, and submitted with each set of permit plans to the appropriate City agency for this project.

**7. Indemnification*****Ongoing***

- a) To the maximum extent permitted by law, the applicant shall defend (with counsel acceptable to the City), indemnify, and hold harmless the City of Oakland, the Oakland City Council, the City of Oakland Redevelopment Agency, the Oakland City Planning Commission and its respective agents, officers, and employees (hereafter collectively called City) from any liability, damages, claim, judgment, loss (direct or indirect) action, causes of action, or proceeding (including legal costs, attorneys' fees, expert witness or consultant fees, City Attorney or staff time, expenses or costs) (collectively called "Action") against the City to attack, set aside, void or annul, (1) an approval by the City relating to a development-related application or subdivision or (2) implementation of an approved development-related project. The City may elect, in its sole discretion, to participate in the defense of said Action and the applicant shall reimburse the City for its reasonable legal costs and attorneys' fees.
- b) Within ten (10) calendar days of the filing of any Action as specified in subsection A above, the applicant shall execute a Letter Agreement with the City, acceptable to the Office of the City Attorney, which memorializes the above obligations. These obligations and the Letter of Agreement shall survive termination, extinguishment or invalidation of the approval. Failure to timely execute the Letter Agreement does not relieve the applicant of any of the obligations contained in this condition or other requirements or conditions of approval that may be imposed by the City.

**8. Compliance with Conditions of Approval*****Ongoing***

The project applicant shall be responsible for compliance with the recommendations in any submitted and approved technical report and all the Conditions of Approval set forth below at its sole cost and expense, and subject to review and approval of the City of Oakland.

**9. Severability*****Ongoing***

Approval of the project would not have been granted but for the applicability and validity of each and every one of the specified conditions, and if any one or more of such conditions is found to be invalid by a court of competent jurisdiction this Approval would not have been granted without requiring other valid conditions consistent with achieving the same purpose and intent of such Approval.

**10. Job Site Plans*****Ongoing throughout demolition, grading, and/or construction***

At least one (1) copy of the stamped approved plans, along with the Approval Letter and Conditions of Approval, shall be available for review at the job site at all times.

**11. Special Inspector/Inspections, Independent Technical Review, Project Coordination and Management*****Prior to issuance of a demolition, grading, and/or construction permit***

The project applicant may be required to pay for on-call special inspector(s)/inspections as needed during the times of extensive or specialized plan check review, or construction. The project applicant may also be required to cover the full costs of independent technical and other types of peer review, monitoring and inspection, including without limitation, third party plan check fees, including inspections of violations of Conditions of Approval. The project applicant shall establish a deposit with the Building Services Division, as directed by the Building Official, Director of City Planning or designee.

**12. Days/Hours of Construction Operation*****Ongoing throughout demolition, grading, and/or construction***

The project applicant shall require construction contractors to limit standard construction activities as follows:

- a) Construction activities are limited to between 7:00 AM and 7:00 PM Monday through Friday, except that pile driving and/or other extreme noise generating activities greater than 90 dBA shall be limited to between 8:00 a.m. and 4:00 p.m. Monday through Friday.
- b) Any construction activity proposed to occur outside of the standard hours of 7:00 am to 7:00 pm Monday through Friday for special activities (such as concrete pouring which may require more continuous amounts of time) shall be evaluated on a case by case basis, with criteria including the proximity of residential uses and a consideration of resident's preferences for whether the activity is acceptable if the overall duration of construction is shortened and such construction activities shall only be allowed with the prior written authorization of the Building Services Division.
- c) Construction activity shall not occur on Saturdays, with the following possible exceptions:
  - i. Prior to the building being enclosed, requests for Saturday construction for special activities (such as concrete pouring which may require more continuous amounts of time), shall be evaluated on a case by case basis, with criteria including the proximity of residential uses and a consideration of resident's preferences for whether the activity is acceptable if the overall duration of construction is shortened. Such construction activities shall only be allowed on Saturdays with the prior written authorization of the Building Services Division.

- ii. After the building is enclosed, requests for Saturday construction activities shall only be allowed on Saturdays with the prior written authorization of the Building Services Division, and only then within the interior of the building with the doors and windows closed.
- d) No extreme noise generating activities (greater than 90 dBA) shall be allowed on Saturdays, with no exceptions.
- e) No construction activity shall take place on Sundays or Federal holidays.
- f) Construction activities include but are not limited to: truck idling, moving equipment (including trucks, elevators, etc) or materials, deliveries, and construction meetings held on-site in a non-enclosed area.

**PROJECT SPECIFIC CONDITIONS:**

**13. Radio Frequency Emissions**

***Prior to the final building permit sign off.***

The applicant shall submit a certified RF emissions report stating the facility is operating within the acceptable standards established by the regulatory Federal Communications Commission.

**14. Operational**

***Ongoing.***

Noise levels from the activity, property, or any mechanical equipment on site shall comply with the performance standards of Section 17.120 of the Oakland Planning Code and Section 8.18 of the Oakland Municipal Code. If noise levels exceed these standards, the activity causing the noise shall be abated until appropriate noise reduction measures have been installed and compliance verified by the Planning and Zoning Division and Building Services.

**15. Possible District Undergrounding PG&E Pole**

***Ongoing***

Should the PG &E utility pole be voluntarily removed for purposes of district undergrounding or otherwise, the telecommunications facility can only be re-established by applying for and receiving approval of a new application to the Oakland Planning Department as required by the regulations.

*Existing*



*Proposed*



view from Colton Blvd looking south at site

Existing



Proposed



view from Colton Blvd looking southwest at site



# OAKHILLS AT&T SOUTH NETWORK

## OAKS-052L

(PROW) 6046 COLTON BLVD, OAKLAND, CA 94611

### PROPRIETARY INFORMATION

THE INFORMATION CONTAINED IN THIS SET OF CONSTRUCTION DOCUMENTS IS PROPRIETARY BY NATURE. ANY USE OR DISCLOSURE OTHER THAN THAT WHICH RELATES TO CARRIER SERVICES IS STRICTLY PROHIBITED.



NEW CINGULAR WIRELESS PCS, LLC  
4430 ROSEWOOD DR, BLDG 3  
PLEASANTON, CA 94588-3050

### PROJECT INFORMATION:

**OAKHILLS AT&T  
SOUTH NETWORK  
NODE 052L**

6046 COLTON BLVD  
OAKLAND, CA 94611

### CURRENT ISSUE DATE:

12/02/14

### ISSUED FOR:

ZONING

### BY: DATE: DESCRIPTION: REV:

BY	DATE	DESCRIPTION	REV
ACI	12/02/14	ZDs	0

### PLANS PREPARED BY:



Aero Communications Inc.  
1-800-825-4ACI  
5711 Research Drive  
Canton, MI 48188

ACI NUMBER: OAKS-052L

### CONSTRUCTED BY:



3030 Warrenville Rd, Suite 340  
Lisle, IL 60532  
www.extenet.com

### SEAL OF APPROVAL:

### SHEET TITLE:

**TITLE SHEET  
AND  
PROJECT INFORMATION**

### SHEET NUMBER: REVISION:

**T1**

**0**

12/02/14

### LEGEND & SYMBOLS

— — — — —	CENTERLINE	⊙	SPOT ELEVATION (DATUM)
— — — — —	PROPERTY/LEASE LINE	⊗	FLAG NOTE
— — — — —	PROPOSED CONDUIT	⊗	ITEM BALLOON (DETAIL SHEETS)
— E — E —	POWER CONDUIT	⊗	DETAIL REFERENCE
— T — T —	TELEPHONE CONDUIT	⊗	SECTION REFERENCE
— PWR — PWR —	AERIAL ELECTRICAL LINE		
— TV — TV —	COAXIAL CABLE/CONDUIT		
— OH — OH —	OVERHEAD CONDUCTORS		
— — — — —	CHAIN LINK FENCING		

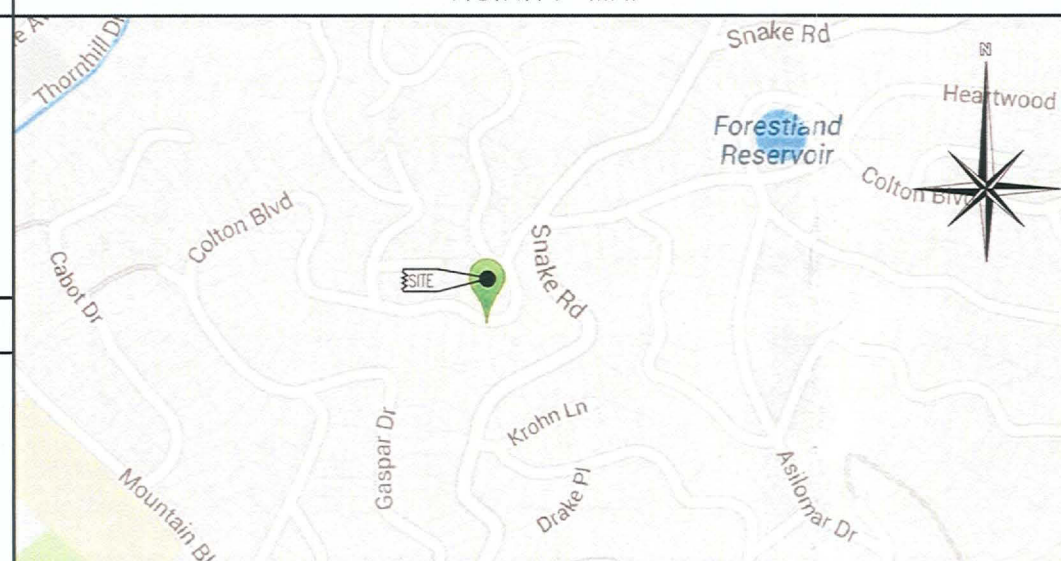
### ABBREVIATIONS

AL	ALUMINUM	FLR	FLOOR	PRELIM	PRELIMINARY
ALY	ALLOY	FT	FOOT	PWR	POWER
ANT	ANTENNA	FS	FARSIDE	QTY	QUANTITY
ACL	ABOVE GROUND LEVEL	FSTNR	FASTENER	R	RADIUS
AMSL	ABOVE MEAN SEA LEVEL	GALV	GALVANIZED	PAD	RADIATION
APVD	APPROVED	GA	GAUGE	RC	RAD CENTER
AR, A/R	AS REQUIRED	GEN	GENERATOR	RCVR	RECEIVER
BAT	BATTERY	GND	GROUND/GROUNDING	ALY	ALLOY
BC	BOLT CIRCLE	ID	INSIDE DIAMETER	RELOC	RELOCATED
BLDG	BUILDING	MATL	MATERIAL	REQD	REQUIRED
BRKT	BRACKET	MAX	MAXIMUM	SH	SHEET
CAB	CABINET	MFR	MANUFACTURER	SPLY	SUPPLY
CL	CENTERLINE	MTD	MOUNTED	SS	STAINLESS STL
CLC	CONCRETE CONDUIT	MTG	MOUNTING	STD	STANDARD
DN	DOWN	MTR	METER	STL	STEEL
(E)	EXISTING	MAX	MAXIMUM	STRL	STRUCTURAL
EA	EACH	MIN	MINIMUM	SQ	SQUARE
EL	ELEVATION	(N)	NEW	SW	SWITCH
EMBED	EMBEDMENT	NS	NEARSIDE	THD	THREAD
EMER	EMERGENCY	NTS	NOT TO SCALE	THK	THICK
ENCL	ENCLOSURE	OC	ON CENTER	TNND	TINNED
EQPT	EQUIPMENT	OD	OUTSIDE DIAMETER	TYP	TYPICAL
EQ SP	EQUAL SPACE	(P)	PROPOSED	UBC	UNIFORM BUILDING CODE
HGT	HEIGHT	PLYWD	PLYWOOD	W/	WITH
(F)	FUTURE	PL	PLACES	W/O	WITHOUT
		PNL	PANEL	XMFR	TRANSFORMER
		P/O	PART OF	XMTR	TRANSMITTER
		POSN	POSITION		

### CODE COMPLIANCE

- ALL WORK AND MATERIALS SHALL BE PERFORMED AND INSTALLED IN ACCORDANCE WITH THE CURRENT EDITIONS OF THE FOLLOWING CODES AS ADOPTED BY THE LOCAL GOVERNING AUTHORITIES. NOTHING IN THESE PLANS IS TO BE CONSTRUCTED TO PERMIT WORK NOT CONFORMING TO THESE CODES.
1. CALIFORNIA BUILDING CODE CBC-2010
  2. CALIFORNIA ADMINISTRATIVE CODE (INCL. TITLES 24 & 25) 2010
  3. ANSI/ EIA-222-F LIFE SAFETY CODE NFPA
  4. BUILDING OFFICIALS AND CODE ADMINISTRATORS (BOCA)
  5. CALIFORNIA ELECTRICAL CODE CEC-2010
  6. CALIFORNIA MECHANICAL CODE CMC-2010
  7. CALIFORNIA PLUMBING CODE CPC 2010
  8. LOCAL BUILDING CODE(S)
  9. CITY AND/OR COUNTY ORDINANCES
  10. MUST COMPLY TO LATEST CALIFORNIA FIRE CODE (AND LATEST MUNICIPAL FIRE CODE)
  11. CALIFORNIA GENERAL ORDER 95 AND 128

### VICINITY MAP



### DRIVING DIRECTIONS

- FROM: 2678 BISHOP RANCH DR, SAN RAMON, CA  
DISTANCE: 24.1 MILES (28 MIN)
1. HEAD NORTHWEST ON CAMINO TASSAJARA TOWARD ALTA VISTA WAY 2.2 MI
  2. CONTINUE STRAIGHT ONTO SYCAMORE VALLEY RD W 1.4 MI
  3. TURN RIGHT ONTO THE INTERSTATE 680 N RAMP TO SACRAMENTO 0.3 MI
  4. MERGE ONTO I-680 N 6.7 MI
  5. TAKE THE STATE ROUTE 24/OLYMPIC BLVD EXIT TOWARD OAKLAND/LAFAYETTE 190 FT
  6. KEEP LEFT, FOLLOW SIGNS FOR OAKLAND/LAFAYETTE/STATE ROUTE 24 1.1 MI
  7. CONTINUE ONTO CA-24 W 8.1 MI
  8. KEEP LEFT AT THE FORK TO STAY ON CA-24 W 1.7 MI
  9. TAKE THE EXIT TOWARD HAYWARD/CALIFORNIA 13 S 0.2 MI
  10. MERGE ONTO CA-13 S 1.2 MI
  11. TAKE THE MORAGA AVENUE E EXIT TOWARD THORNHILL DRIVE 0.3 MI
  12. MERGE ONTO MORAGA AVE 308 FT
  13. TURN LEFT ONTO THORNHILL DR 0.1 MI
  14. TURN RIGHT ONTO MOUNTAIN BLVD 0.3 MI
  15. TURN LEFT ONTO COLTON BLVD 0.2 MI
  16. SLIGHT LEFT TO STAY ON COLTON BLVD 0.4 MI
  17. DESTINATION WILL BE ON THE RIGHT

### SIGNATURE BLOCK

APPROVED BY:	INITIALS:	DATE:
MUNICIPAL AFFAIRS:		
RF MANAGER:		
CONSTRUCTION MANAGER:		
PROJECT MANAGER:		
APPLICANT AGENT:		
APPLICANT:		

### PROJECT DESCRIPTION

THESE DRAWINGS DEPICT A PORTION OF A DISTRIBUTED ANTENNA SYSTEM (DAS) TELECOMMUNICATIONS NETWORK, TO BE CONSTRUCTED BY EXTENET SYSTEMS AND OWNED AND OPERATED BY NEW CINGULAR WIRELESS PCS, LLC, IN THE PUBLIC RIGHT OF WAY PURSUANT TO AUTHORITY GRANTED BY THE CALIFORNIA PUBLIC UTILITIES COMMISSION.

THE MAIN COMPONENTS OF THIS INSTALLATION ARE:  
THE ADDITION OF TWO (2) 27.75"X10.625"X6.25" PANEL ANTENNAS, ONE (1) BBU CABINET, ONE (1) RADIO UNIT, ASSOCIATED ELECTRICAL COMPONENTS, AND MOUNTING BRACKETS AS REQUIRED, LOCATED ON AN EXISTING PG&E UTILITY POLE.

### DRAWING INDEX

T1	TITLE SHEET & PROJECT INFORMATION
T2	GENERAL NOTES AND SCHEDULES
A1	SITE PLAN
A2	UTILITY POLE ELEVATIONS / RISER DETAILS
D1	EQUIPMENT DETAILS
S1	POWER & RF SAFETY PROTOCOLS

### BUILDING / SITE DATA

<b>LATITUDE:</b>	37.831961	<b>TYPE OF CONSTRUCTION:</b>	ATTACHMENTS TO EXISTING WOOD POLE
<b>LONGITUDE:</b>	-122.208080	<b>AREA OF CONST:</b>	-
<b>ELEVATION:</b>	N / A	<b>HANDICAP REQUIREMENTS:</b>	FACILITY IS UNMANNED AND NOT FOR HUMAN HABITATION. HANDICAPPED ACCESS NOT REQUIRED.
<b>JURISDICTION:</b>	CITY OF OAKLAND	<b>TITLE 24 REQUIREMENTS:</b>	FACILITY IS UNMANNED AND NOT FOR HUMAN HABITATION. THIS PROJECT IS EXEMPT.
<b>A.P.N.:</b>	48F-7368-21-6		
<b>ZONING:</b>	PUBLIC RIGHT OF WAY		
<b>OCCUPANCY:</b>	U, UNMANNED		

### PROJECT TEAM

<b>PROPERTY OWNER:</b>	<b>CONSTRUCTION MANAGER:</b>	<b>MUNICIPAL AFFAIRS:</b>
NAME: PUBLIC RIGHT OF WAY ADDRESS: 6046 COLTON BLVD, OAKLAND, CA 94611	EXTENET SYSTEMS CA, LLC, CONTACT: KEN BOOKER PHONE: (510) 406-0829	EXTENET SYSTEMS CA, LLC, CONTACT: BILL STEPHENS PHONE: (510) 612-2511
<b>APPLICANT:</b>	<b>APPLICANT AGENT:</b>	<b>ARCHITECT:</b>
NEW CINGULAR WIRELESS PCS, LLC 4430 ROSEWOOD DR, BLDG 3 PLEASANTON, CA 94588-3050 CONTACT: VANI MULLER PHONE: (510) 258-1703	MATTHEW YERGOMICH EXTENET SYSTEMS REAL ESTATE CONTRACTOR FOR AT&T MOBILITY 1826 WEBSTER ST SAN FRANCISCO, CA 94115 PHONE: (415) 596-3474 EMAIL: myergo@gmail.com	AERO COMMUNICATIONS, INC. 5711 RESEARCH DRIVE CANTON, MI 48188 CONTACT: GARY CETCHELL PHONE: (510) 292-8918

GENERAL NOTES

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR SURVEY MONUMENTS AND/OR VERTICAL CONTROL BENCHMARKS WHICH ARE DISTURBED OR DESTROYED BY CONSTRUCTION. A LAND SURVEYOR MUST FIELD LOCATE, REFERENCE, AND/OR PRESERVE ALL HISTORICAL OR CONTROLLING MONUMENTS PRIOR TO ANY EARTHWORK. IF DESTROYED, SUCH MONUMENTS SHALL BE REPLACED WITH APPROPRIATE MONUMENTS BY A LAND SURVEYOR. A CORNER RECORD OR RECORD OF SURVEY, AS APPROPRIATE, SHALL BE FILED AS REQUIRED BY THE PROFESSIONAL LAND SURVEYORS ACT.
2. IMPORTANT NOTICE: SECTION 4215 OF THE GOVERNMENT CODE, REQUIRES A DIG ALERT IDENTIFICATION NUMBER BE ISSUED BEFORE A "PERMIT TO EXCAVATE" WILL BE VALID. FOR YOUR DIG ALERT I.D. NUMBER, CALL UNDERGROUND SERVICE ALERT, TOLL FREE 1-800-227-2600, TWO DAYS BEFORE YOU DIG.
3. CONTRACTOR SHALL BE RESPONSIBLE FOR THE POT HOLE AND LOCATING OF ALL EXISTING UTILITIES THAT CROSS THE PROPOSED TRENCH LINE AND MUST MAINTAIN A 1" MINIMUM VERTICAL CLEARANCE.
4. IF ANY EXISTING HARDSCAPE OR LANDSCAPE INDICATED ON THE APPROVE PLANS IS DAMAGED OR REMOVED DURING DEMOLITION OR CONSTRUCTION, IT SHALL BE REPAIRED AND/OR REPLACED IN KIND PER THE APPROVED PLANS.
5. CONTRACTOR SHALL REPLACE OR REPAIR ALL TRAFFIC SIGNAL LOOPS, CONDUIT, AND LANE STRIPING DAMAGED DURING CONSTRUCTION.
6. THIS PROJECT WILL BE INSPECTED BY ENGINEERING AND FIELD ENGINEERING DIVISION.
7. MANHOLES OR COVERS SHALL BE LABELED EXTENET.
8. CONTRACTOR SHALL IMPLEMENT AN EROSION CONTROL PROGRAM DURING THE PROJECT CONSTRUCTION ACTIVITIES. THE PROGRAM SHALL MEET THE APPLICABLE REQUIREMENTS OF THE STATE WATER RESOURCE CONTROL BOARD.
9. THE CONTRACTOR SHALL HAVE EMERGENCY MATERIALS AND EQUIPMENT ON HAND FOR UNFORESEEN SITUATIONS, SUCH AS DAMAGE TO UNDERGROUND WATER, SEWER, AND STORM DRAIN FACILITIES WHEREBY FLOWS MAY GENERATE EROSION AND SEDIMENT POLLUTION.

CALTRANS NOTES

1. ANY REMOVED OR DAMAGED STRIPING AND MARKINGS SHALL BE REPLACED IN KIND AS PER CALTRANS STANDARDS AND AT PERMITEE'S EXPENSE.



Call before you dig  
811 / 1-800-227-2600  
www.usanorth.org

SPECIAL NOTES

1. INDEMNIFICATION CLAUSE: THE CONTRACTOR AGREES AND SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY OF THE JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT, INCLUDING THE SAFETY OF ALL PERSONS AND PROPERTIES. THAT THESE REQUIREMENTS SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS AND CONDITIONS. THE CONTRACTOR FURTHER AGREES TO DEFEND INDEMNITY AND HOLD EXTENET, REPRESENTATIVES, AND ENGINEERS HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED IN CONNECTION WITH THE PERFORMANCE OF THE WORK ON THIS PROJECT.
2. PRIOR TO THE BEGINNING OF ANY CONSTRUCTION AND THROUGHOUT THE COURSE OF CONSTRUCTION WORK, THE CONTRACTOR SHALL FULLY COMPLY WITH "CALIFORNIA OCCUPATIONAL SAFETY AND HEALTH" ACT OF 1973 INCLUDING ALL REVISIONS AND AMENDMENTS THERETO.
3. ALL WORK SHALL CONFORM TO THE LATEST EDITIONS OF G095,128 AND THE STANDARD "SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION" AS ADOPTED BY THE CITY, COUNTY OR STATE AS MODIFIED BY STANDARD PLANS AND ADDENDUMS.
4. THE EXISTENCE AND LOCATION OF UTILITIES AND OTHER AGENCY'S FACILITIES AS SHOWN HEREON ARE OBTAINED BY A SEARCH OF AVAILABLE RECORDS. OTHER FACILITIES MAY EXIST. THE CONTRACTOR SHALL VERIFY PRIOR TO THE START OF CONSTRUCTION AND SHALL USE EXTREME CARE AND PROTECTIVE MEASURES TO PREVENT DAMAGE TO THESE FACILITIES. THE CONTRACTOR IS RESPONSIBLE FOR THE PROTECTION OF ALL UTILITY OR AGENCY FACILITIES WITHIN THE LIMITS OF WORK, WHETHER THEY ARE SHOWN ON THIS PLAN OR NOT.
5. THE CONTRACTOR SHALL NOTIFY THE CITY, COUNTY OR STATE ENGINEER INSPECTION DEPARTMENT, AT LEAST TWO DAYS BEFORE START OF ANY WORK REQUIRING THEIR INVOLVEMENT.
6. THE CITY, COUNTY OR STATE SHALL SPECIFY THE EXPIRATION PERIOD OF THE PERMIT FOR THIS CONSTRUCTION PROJECT.
7. THE MINIMUM COVER FOR ALL CONDUITS PLACED UNDERGROUND SHALL BE 30 INCHES TO THE FINISHED GRADE AT ALL TIMES.
8. THE CONTRACTOR SHALL TUNNEL ALL CURB AND GUTTERS AND BORE ALL CONCRETE DRIVEWAYS AND WALKWAYS AT THE DIRECTION OF THE CITY, COUNTY OR STATE ENGINEER.
9. ALL AC AND/OR CONCRETE PAVEMENT SHALL BE REPLACED AT THE DIRECTION OF THE CITY, COUNTY OR STATE ENGINEERS.
10. ALL SHRUBS, PLANTS OR TREES THAT HAVE BEEN DAMAGED OR DISTURBED DURING THE COURSE OF THE WORK, SHALL BE REPLANTED AND/OR REPLACED SO AS TO RESTORE THE WORK SITE TO ITS ORIGINAL CONDITION.
11. THE CONTRACTOR WILL BE RESPONSIBLE FOR THE PROCESSING OF ALL APPLICANT PERMIT FORMS ALONG WITH THE REQUIRED LIABILITY INSURANCE FORMS. CLEARLY DEMONSTRATING THAT EXTENET, THE CITY, COUNTY OR STATE IS ALSO INSURED WITH THE REQUIRED LIABILITY INSURANCE IN THE AMOUNT OF \$1,000,000.00 FOR THIS CONSTRUCTION PROJECT.
12. VAULTS, PEDESTALS, CONDUITS AND OTHER TYPES OF SUBSTRUCTURE ARE EITHER SPECIFIED ON THIS PLAN OR WILL BE SPECIFIED BY THE CONSTRUCTION ENGINEER. ANY AND ALL DEVIATIONS FROM THE SPECIFIED TYPES OF MATERIAL MUST BE APPROVED BY THE SYSTEM ENGINEER, IN WRITING BEFORE INSTALLATION THEREOF.
13. THE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL EXISTING UTILITIES IN INCLUDING SEWER LATERALS & WATER SERVICES TO INDIVIDUAL LOTS BOTH VERTICAL AND HORIZONTAL PRIOR TO COMMENCING IMPROVEMENT OPERATIONS.
14. CONTRACTOR SHALL MAKE EXPLORATION EXCAVATIONS AND LOCATE EXISTING FACILITIES SUFFICIENTLY AHEAD OF CONSTRUCTION TO PERMIT REVISIONS TO PLANS IF REVISION IS NECESSARY BECAUSE OF LOCATION OF EXISTING UTILITIES.
15. THE LOCATIONS OF ALL EXISTING UTILITIES SHOWN ON THESE PLANS ARE FROM EXISTING RECORDS AND CORROBORATED, WHERE POSSIBLE, WITH FIELD TIES. THE CONTRACTOR IS RESPONSIBLE FOR CONFIRMING THE LOCATIONS SHOWN, BOTH HORIZONTAL AND VERTICALLY. PRIOR TO CONSTRUCTION, IF EXISTING LOCATIONS VARY SUBSTANTIALLY FROM THE PLANS, THE ENGINEER SHOULD BE NOTIFIED TO MAKE ANY CONSTRUCTION CHANGES REQUIRED.

EROSION AND SEDIMENT CONTROL NOTES

- TEMPORARY EROSION/SEDIMENT CONTROL PRIOR TO COMPLETION OF FINAL IMPROVEMENTS, SHALL BE PERFORMED BY THE CONTRACTOR OR QUALIFIED PERSON AS INDICATED BELOW:
1. ALL REQUIREMENTS OF THE CITY, COUNTY AND STATE "STORM WATER STANDARDS" MUST BE INCORPORATED INTO THE DESIGN AND CONSTRUCTION OF THE PROPOSED GRADING/IMPROVEMENTS CONSISTENT WITH THE APPROVED STORM WATER POLLUTION PREVENTION PLAN (SWPPP), WATER QUALITY TECHNICAL REPORT (WQTR), AND/OR WATER POLLUTION CONTROL PLAN (WPCP).
  2. FOR STORM DRAIN INLETS, PROVIDE A GRAVEL BAG SILT BASIN IMMEDIATELY UPSTREAM OF INLET AS INDICATED ON DETAILS.
  3. FOR INLETS LOCATED AT SUMPS ADJACENT TO TOP OF SLOPES, THE CONTRACTOR SHALL ENSURE THAT WATER DRAINING TO THE SUMP IS DIRECTED INTO THE INLET AND THAT A MINIMUM OF 1.00' FREEBOARD EXISTS AND IS MAINTAINED ABOVE THE TOP OF THE INLET. IF FREEBOARD IS NOT PROVIDED BY GRADING SHOWN ON THESE PLANS THE CONTRACTOR SHALL PROVIDE IT VIA TEMPORARY MEASURES, I.E. GRAVEL BAGS OR DIKES.
  4. THE CONTRACTOR OR QUALIFIED PERSON SHALL BE RESPONSIBLE FOR CLEANUP OF SILT AND MUD ON ADJACENT STREET(S) AND STORM DRAIN SYSTEM DUE TO CONSTRUCTION ACTIVITY.
  5. THE CONTRACTOR OR QUALIFIED PERSON SHALL CHECK AND MAINTAIN ALL UNED AND UNLINED DITCHES AFTER EACH RAINFALL.
  6. THE CONTRACTOR SHALL REMOVE SILT AND DEBRIS AFTER EACH MAJOR RAINFALL.
  7. EQUIPMENT AND WORKERS FOR EMERGENCY WORK SHALL BE MADE AVAILABLE AT ALL TIMES DURING THE RAINY SEASON. ALL NECESSARY MATERIALS SHALL BE STOCKPILED ON SITE AT CONVENIENT LOCATIONS TO FACILITATE RAPID CONSTRUCTION OF TEMPORARY DEVICES WHEN RAIN IS IMMINENT.
  8. THE CONTRACTOR SHALL RESTORE ALL EROSION/SEDIMENT CONTROL DEVICES TO WORKING ORDER TO THE SATISFACTION OF THE CITY ENGINEER OF RESIDENT ENGINEER AFTER EACH RUN-OFF PRODUCING RAINFALL.
  9. THE CONTRACTOR SHALL INSTALL ADDITIONAL EROSION/SEDIMENT CONTROL MEASURES AS MAY BE REQUIRED BY THE RESIDENT ENGINEER DUE TO UNCOMPLETED GRADING OPERATIONS OR UNFORESEEN CIRCUMSTANCES, WHICH MAY ARISE.
  10. THE CONTRACTOR SHALL BE RESPONSIBLE AND SHALL TAKE NECESSARY PRECAUTIONS TO PREVENT PUBLIC TRESPASS ONTO AREAS WHERE IMPOUNDED WATERS CREATE A HAZARDOUS CONDITION.
  11. ALL EROSION/SEDIMENT CONTROL MEASURES PROVIDED PER THE APPROVED GRADING PLAN SHALL BE INCORPORATED HEREON. ALL EROSION/SEDIMENT CONTROL FOR INTERIM CONDITIONS SHALL BE DONE TO THE SATISFACTION OF THE RESIDENT ENGINEER.
  12. GRADED AREAS AROUND THE PROJECT PERIMETER MUST DRAIN AWAY FROM THE FACE OF THE SLOPE AT THE CONCLUSION OF EACH WORKING DAY.
  13. ALL REMOVABLE PROTECTIVE DEVICES SHOWN SHALL BE IN PLACE AT THE END OF EACH WORKING DAY WHEN RAIN IS IMMINENT.
  14. THE CONTRACTOR SHALL ONLY GRADE, INCLUDING CLEARING AND GRUBBING FOR THE AREAS FOR WHICH THE CONTRACTOR OR QUALIFIED PERSON CAN PROVIDE EROSION/SEDIMENT CONTROL MEASURES.
  15. THE CONTRACTOR SHALL ARRANGE FOR WEEKLY MEETINGS DURING OCTOBER 1ST TO APRIL 30TH FOR PROJECT TEAM (GENERAL CONTRACTOR, QUALIFIED PERSON, EROSION CONTROL SUBCONTRACTOR IF AN, ENGINEER OF WORK, OWNER/DEVELOPER AND THE RESIDENT ENGINEER) TO EVALUATE THE ADEQUACY OF THE EROSION/SEDIMENT CONTROL MEASURE AND OTHER RELATED CONSTRUCTION ACTIVITIES.

GENERAL NOTES

ROW GROUND CONSTRUCTION NOTES:

1. 120/240 POWER REQUIRED FOR 3-WIRE SERVICE.
2. GO TO REMOVE/CLEAN ALL DEBRIS, NAILS, STAPLES, OR NON-USED VERTICALS OFF THE POLE.
3. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH MUNICIPAL, COUNTY, STATE, FEDERAL, G095 AND G0128 STANDARDS AND REGULATIONS.
4. CALL USA 48 HOURS PRIOR TO EXCAVATING AT (800) 227-2600.
5. ALL LANDSCAPING TO BE RESTORED TO ORIGINAL CONDITION OR BETTER.
6. ALL EQUIPMENT TO BE BONDED.
7. METERING CABINET REQUIRES 3' CLEARANCE AT DOOR OPENING.
8. CAULK CABINET BASE AT PAD.

STANDARD GROUNDING NOTES:

1. GROUND TESTED AT 5 OHMS OR LESS.
2. 5/8"x8" ROD, CAD WELD BELOW GRADE.
3. #6 GROUND AND BOND WIRE.
4. WOOD MOLDING, STAPLED EVERY 3' AND AT EACH END.
5. GROUNDS 3' FROM POLE.
6. PLACE 3 #10GA WIRES FROM BREAKER TO METER BOX.

STANDARD CONDUIT NOTES:

1. FOR UNDERGROUND USE SCHEDULE 40.
2. FOR RISERS USE SCHEDULE 80.
3. PLACE 2" GALVANIZED STEEL CONDUIT FOR ANY CONDUIT UNDER 3". STUB UP 10' THEN CONVERT TO SCHEDULE 80.
4. CONVERT 4" CARRIER CONDUIT TO 3" AT BASE OF POLE.
5. GO TO STUB UP POLE 10' w/3" POWER CONDUIT, POWER CO. TO CONVERT FROM 3" SCH. 80 TO 2" SCH. 80 FROM TOP OF STUB UP.
6. ALL CONDUIT WILL BE MAN DRILLED AND EQUIPPED WITH 3/8" PULL ROPE.

STANDARD TRENCHING NOTES:

1. MAINTAIN 40" MINIMUM COVER FOR ELECTRICAL CONDUIT.
2. MAINTAIN 30" MINIMUM COVER FOR COMMUNICATIONS CONDUIT.
3. SAND SHADING MINIMUM 1" UNDER CONDUITS, AND 6" COVERING ON TOP REQUIRED.
4. ALL ELECTRICAL SERVICE CONDUITS FROM POWER COMPANY, WHETHER FROM POLES, TRANSFORMERS, OR OTHER LOCATIONS, WILL BE SLURRY BACKFILLED.
5. IN STREET SLURRY TO GRADE AND MILL DOWN 1-1/2" FOR AC CAP.
6. IN DIRT SLURRY 18" FROM GRADE, AND FILL WITH 95% COMPACTION NATIVE SOIL FOR BALANCE.
7. PLACE WARNING TAPE IN TRENCH 12" ABOVE ALL CONDUITS AND #18 WARNING TAPE ABOVE GROUND RING.

ROW UTILITY POLE CONSTRUCTION NOTES:

1. NO BOLT THREADS TO PROTRUDE MORE THAN 1-1/2".
2. FILL ALL HOLES LEFT IN POLE FROM REARRANGEMENT OF CLIMBERS.
3. ALL CLIMB STEPS NEXT TO CONDUIT SHALL HAVE EXTENDED STEPS.
4. CABLE NOT TO IMPEDE 15" CLEAR SPACE OFF POLE FACE (12:00).
5. 90" SHORT SWEEPS UNDER ANTENNA ARM. ALL CABLES MUST ONLY TRANSITION ON THE INSIDE OR BOTTOM OF ARMS (NO CABLE ON TOP OF ARMS).
6. USE CABLE CLAMPS TO SECURE CABLE TO ARMS; PLACE 2" CARRIER CABLE ID TAGS ON BOTH SIDES OF ARMS.
7. USE 90° CONNECTOR AT CABLE CONNECTION TO ANTENNAS.
8. PLACE GPS ON ARM WITH SOUTHERN SKY EXPOSURE AT MINIMUM 6' FROM TRANSMIT ANTENNA, WHICH IS 24" AWAY FROM CENTER OF POLE.
9. USE 1/2" CABLE ON ANTENNAS UNLESS OTHERWISE SPECIFIED.
10. FILL VOID AROUND CABLES AT CONDUIT OPENING WITH FOAM SEALANT TO PREVENT WATER INTRUSION.

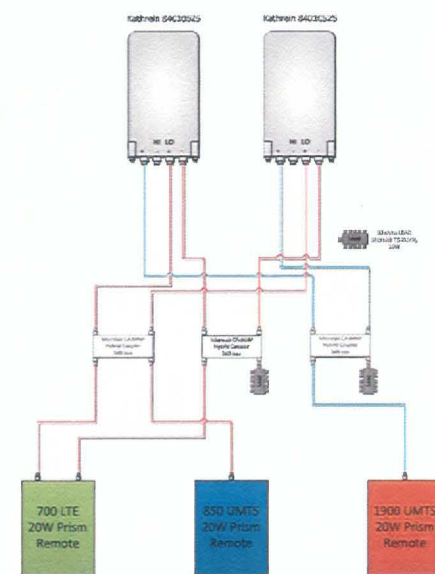
WIND LOADING INFORMATION

ANTENNA/WOOD ARM AREA TOTAL	39.02 SQ. FT.
TOP GRADE	50'-10"
BOTTOM GRADE	48'-10"
METER/BREAKER AREA TOTAL	14.62 SQ. FT.
TOP GRADE	8'-11"
BOTTOM GRADE	8'-0"
BATTERY BACK-UP AREA TOTAL	IN SHROUD
TOP GRADE	--
BOTTOM GRADE	--
PRISM DECK AREA TOTAL	IN SHROUD
TOP GRADE	--
BOTTOM GRADE	--
EQUIPMENT SHROUD AREA TOTAL	192 SQ. FT.
TOP GRADE	16'-10"
BOTTOM GRADE	8'-10"
COAX RISER SIZE	3"U
COAX RISER TOP GRADE	47'-0"
COAX RISER BTM GRADE	11'-7"
PWR RISER SIZE	1"Ø
PWR RISER TOP GRADE	30'-0"
PWR RISER BTM GRADE	8'-0"

ANTENNA & CABLE SCHEDULE

ANTENNA SECTOR	AZIMUTH	ANTENNA MAKE / MODEL	COAXIAL CABLE LENGTH	CABLES PER SECTOR	CABLE SIZE
SECTOR ALPHA	61°	KATHREIN 840-10525	36'/3'	4/6	1/2"
SECTOR BETA	121°	KATHREIN 840-10525			
SECTOR GAMMA					

NOTE:  
CONTRACTOR TO FIELD VERIFY CABLE LENGTHS PRIOR TO ORDERING, FABRICATION, OR INSTALLATION OF CABLES.



ROW CONSTRUCTION GENERAL NOTES

SCALE  
NTS

3

LOADING AND ANTENNA CABLE SCHEDULES

SCALE  
NTS

1



NEW CINGULAR WIRELESS PCS, LLC  
4430 ROSEWOOD DR, BLDG 3  
PLEASANTON, CA 94588-3050

PROJECT INFORMATION:

**OAKHILLS AT&T  
SOUTH NETWORK  
NODE 052L**  
6046 COLTON BLVD  
OAKLAND, CA 94611

CURRENT ISSUE DATE:

12/02/14

ISSUED FOR:

ZONING

BY: DATE: DESCRIPTION: REV:

ACI	12/02/14	ZDs	0
BY	DATE	DESCRIPTION	REV

PLANS PREPARED BY:



Aero Communications Inc.  
1-800-825-4ACI  
5711 Research Drive  
Canton, MI 48188

ACI NUMBER: OAKS-052L

CONSTRUCTED BY:



3030 Warrenville Rd, Suite 340  
Lisle, IL 60532  
www.extenet.com

SEAL OF APPROVAL:

SHEET TITLE:

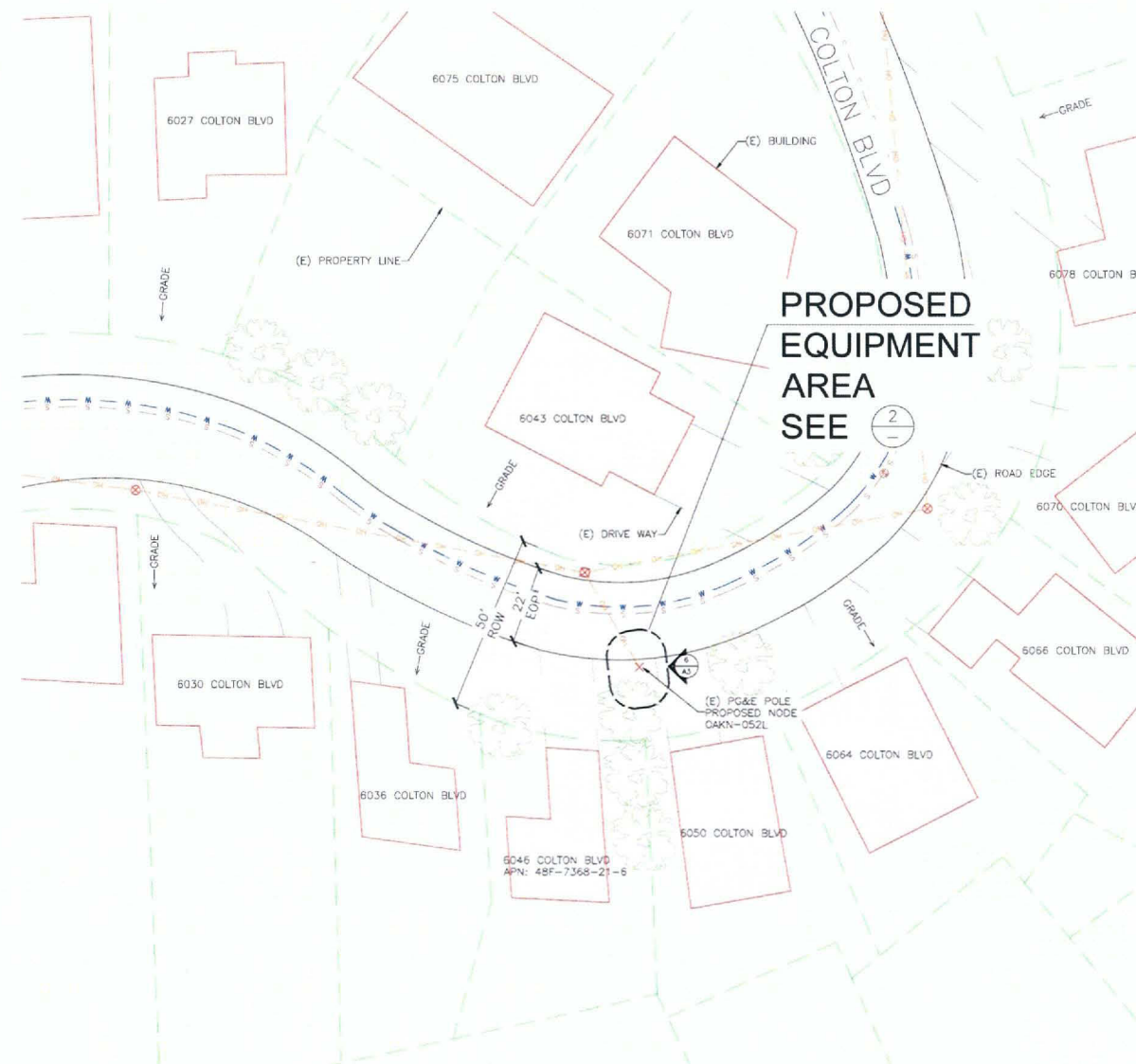
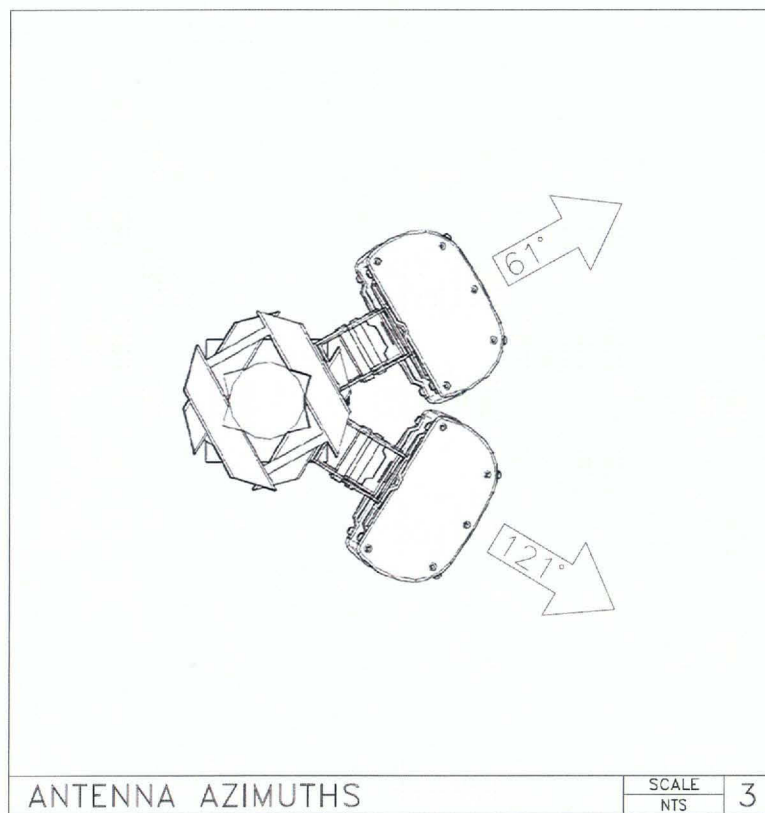
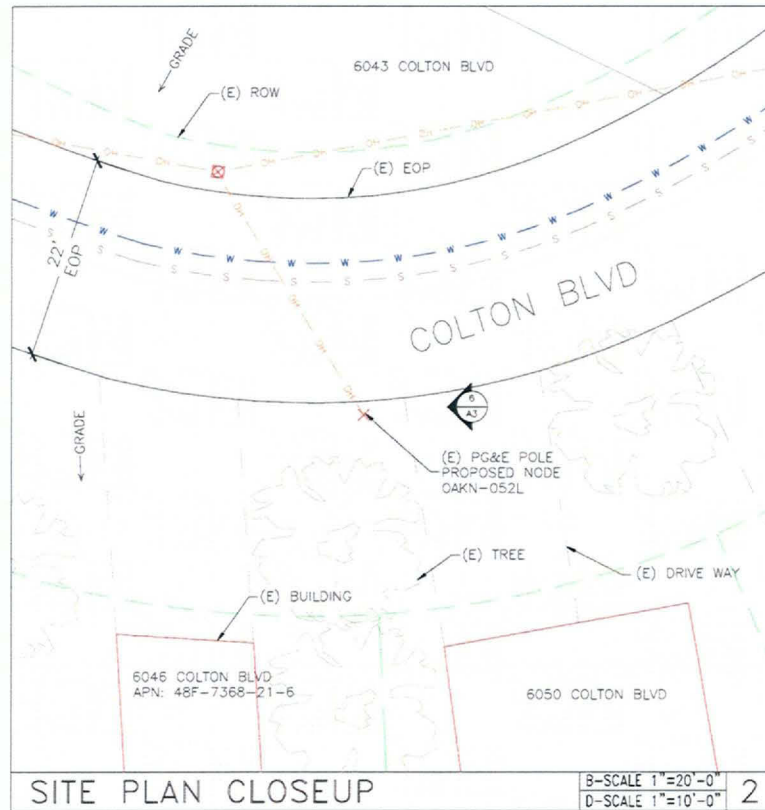
**GENERAL NOTES  
AND  
SCHEDULES**

SHEET NUMBER: REVISION:

**T2**

**0**

12/02/14



NEW CINGULAR WIRELESS PCS, LLC  
4430 ROSEWOOD DR, BLDG 3  
PLEASANTON, CA 94588-3050

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SEAL OF APPROVAL:

SHEET TITLE:

SITE PLAN

SHEET NUMBER:

REVISION:

**A1**

0

12/02/14

SITE PLAN



NEW CINGULAR WIRELESS PCS, LLC  
4430 ROSEWOOD DR, BLDG 3  
PLEASANTON, CA 94588-3050

PROJECT INFORMATION:

OAKHILLS AT&T  
SOUTH NETWORK  
NODE 052L

6046 COLTON BLVD  
OAKLAND, CA 94611

CURRENT ISSUE DATE:

12/02/14

ISSUED FOR:

ZONING

BY: DATE: DESCRIPTION: REV:

BY	DATE	DESCRIPTION	REV
ACI	12/02/14	ZDs	0

PLANS PREPARED BY:



Aero Communications Inc.  
1-800-825-4ACI  
5711 Research Drive  
Canton, MI 48188

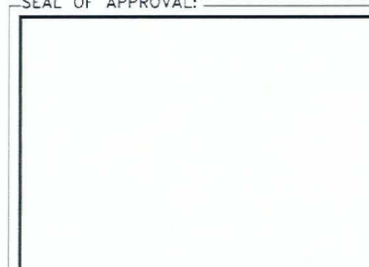
ACI NUMBER: OAKS-052L

CONSTRUCTED BY:



3030 Warrenville Rd, Suite 340  
Lisle, IL 60532  
www.extenet.com

SEAL OF APPROVAL:



SHEET TITLE:

ELEVATIONS &  
RISER DETAILS  
ANTENNA POLE

SHEET NUMBER: REVISION:

A2

0

12/02/14

### COMMUNICATIONS MAKE-READY

1. REPLACE EXISTING 30' CL4 W/ 55' CL3
2. INSTALL PG&E 1" SCH 80 CONDUIT AT 7:30 POSITION FOR POWER SERVICE.
3. INSTALL 3" SCH 80 U-GUARD AT 10:30 POSITION OVER COAX.
4. INSTALL METER SOCKET & SAFETY SWITCH 4" OFF OF POLE (USING UNISTRUTS) AT 9:00 POSITION.
5. INSTALL CLIMBING PEGS AT 9:00 & 12:00 POSITION, 8'-6" AGL TO COMM ZONE.

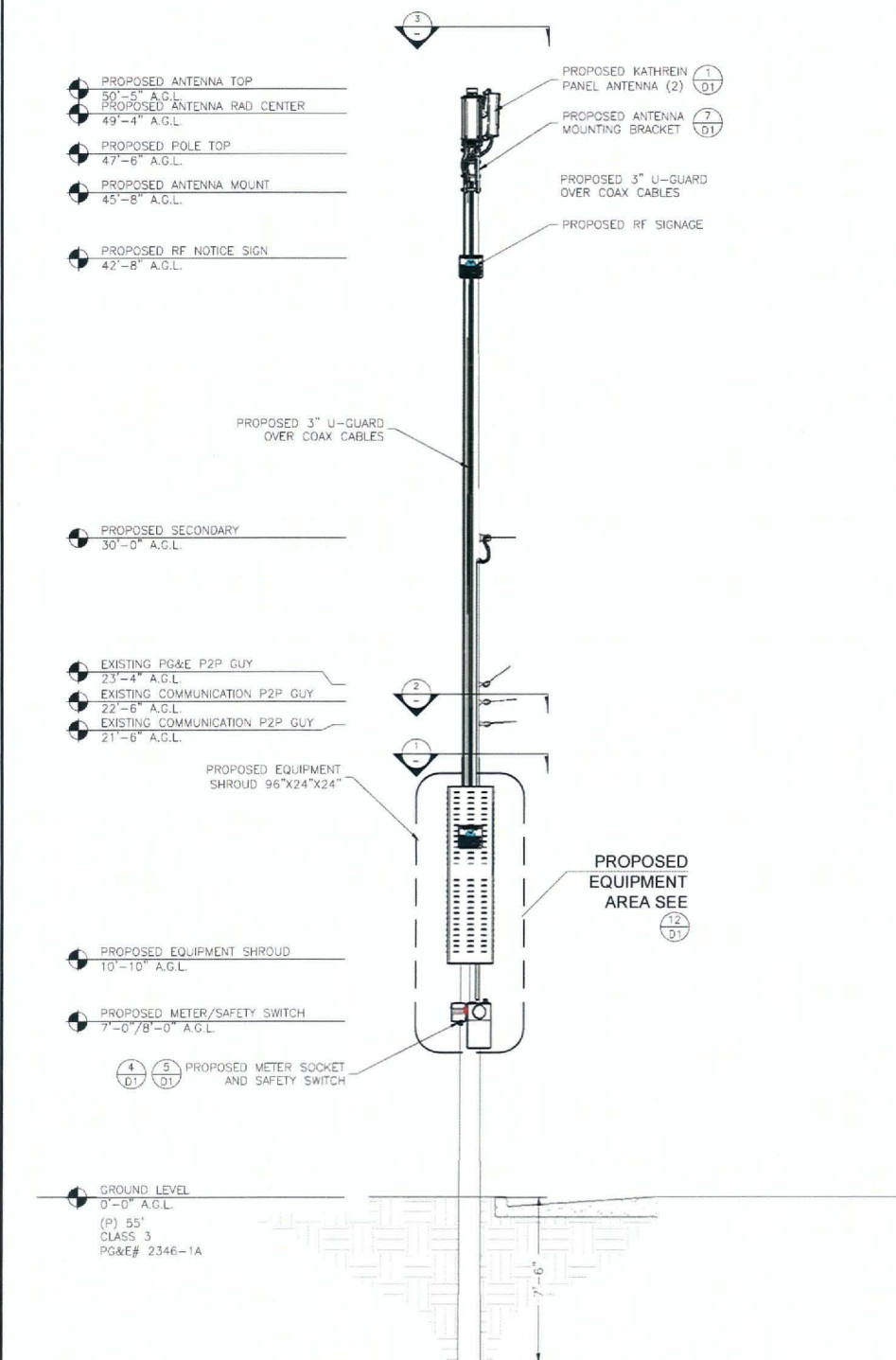
### POWER MAKE-READY

1. INSTALL (2) PANEL ANTENNAS W/ MOUNTING BRACKET ON POLE TOP AT 48'-6" AGL.
2. INSTALL COMBINERS AND (4/6) 1/2" COAX.
3. INSTALL PG&E 1" SCH 80 CONDUIT AT 7:30 POSITION FOR POWER SERVICE.
4. INSTALL 3" SCH 80 U-GUARD AT 10:30 POSITION OVER COAX.
5. PROVIDE 120/240 3-WIRE SINGLE PHASE, 100 AMP SERVICE DROP 30'-0" TO 1" PG&E CONDUIT AT 7:30 POSITION TO METER SOCKET

### MAKE-READY NOTES

- EXISTING POLE TOP  
24'-9" A.G.L.
- EXISTING PG&E P2P GUY  
23'-4" A.G.L.
- EXISTING COMMUNICATION P2P GUY  
22'-6" A.G.L.
- EXISTING COMMUNICATION P2P GUY  
21'-6" A.G.L.

- GROUND LEVEL  
0'-0" A.G.L.
- (E) 30'  
CLASS 4  
PG&E# 2346-1A

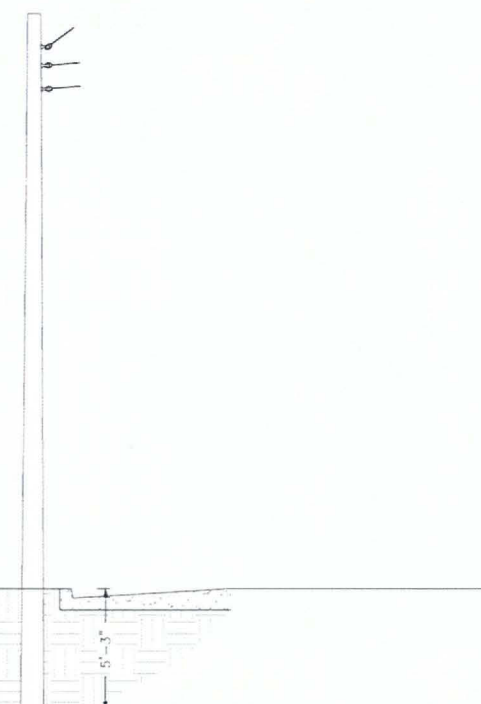


PROPOSED ELEVATION EAST

B-SCALE 1/8"=1'-0"  
D-SCALE 1/4"=1'-0"

6

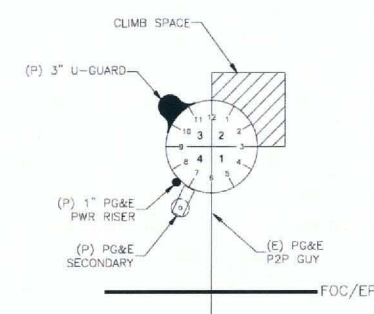
EXISTING ELEVATION EAST



B-SCALE 1/8"=1'-0"  
D-SCALE 1/4"=1'-0"

5

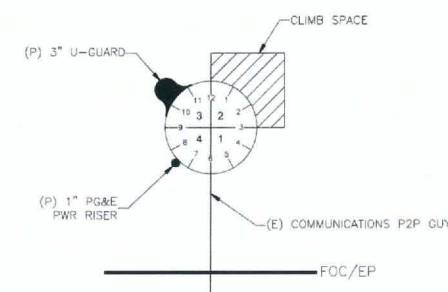
EQUIP. SPACE PLAN VIEW



COLTON BLVD

POWER SPACE PLAN VIEW

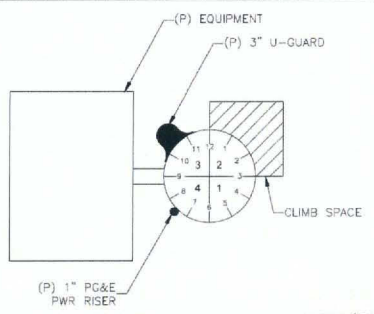
3



COLTON BLVD

COMM. SPACE PLAN VIEW

2



COLTON BLVD

EQUIP. SPACE PLAN VIEW

1



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ACI	12/02/14	ZDs	0
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PLANS PREPARED BY: 3



ACI NUMBER: OAKS-052L

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SEAL OF APPROVAL:

SHEET TITLE:

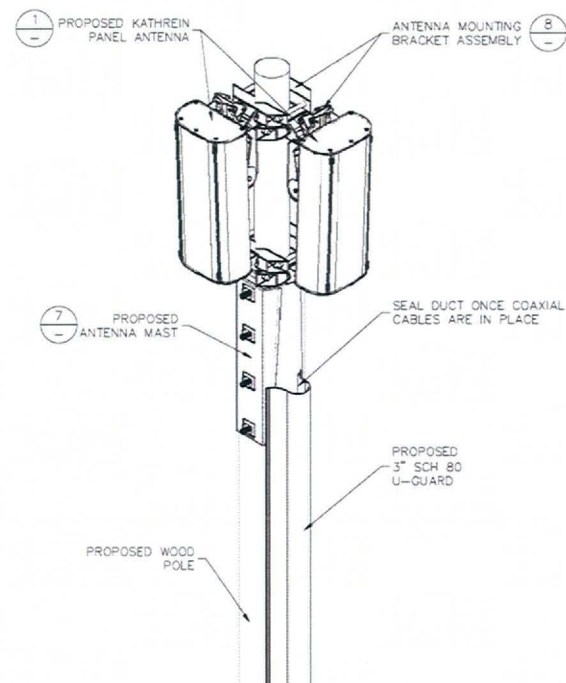
EQUIPMENT DETAILS

SHEET NUMBER: \_\_\_\_\_ REVISION: \_\_\_\_\_

# D1

C

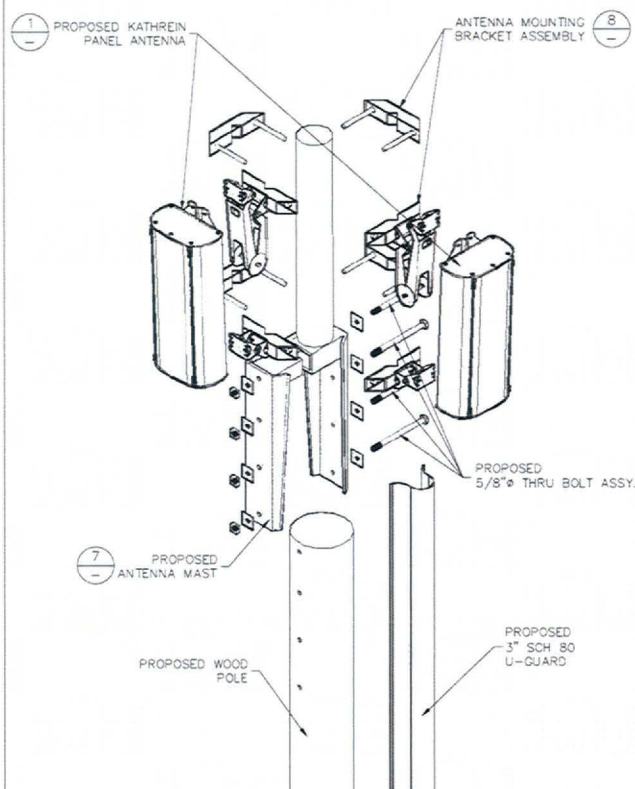
12/02/14



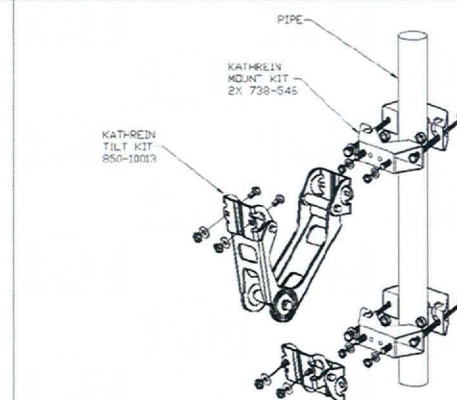
ANTENNA CONFIGURATION 

B-SCALE $1/2"=1'-0"$
D-SCALE $1"=1'-0"$

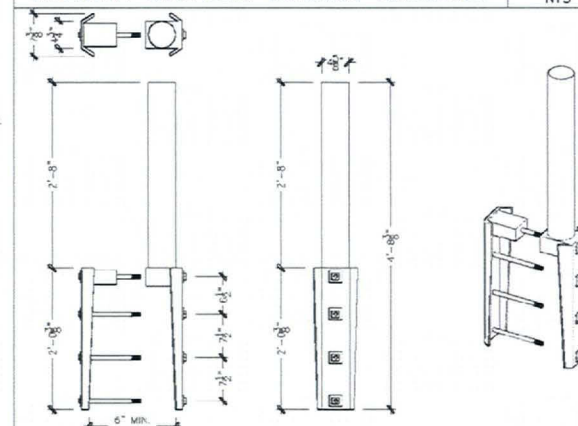
 13



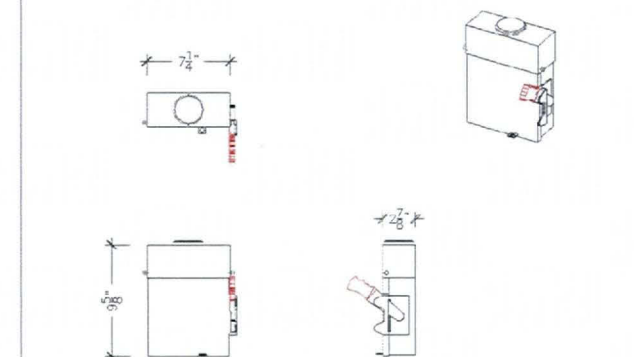
POLE TOP ANTENNA ASSEMBLY	B-SCALE 1/2"=1'-0"	1
	D-SCALE 1"=1'-0"	



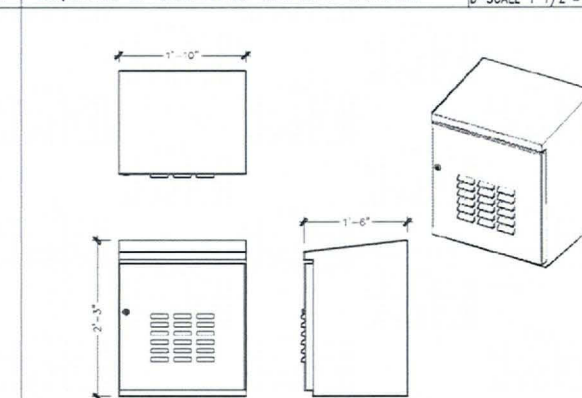
ANTENNA MOUNTING BRACKET ASSEMBLY	SCALE	8
	NTS	



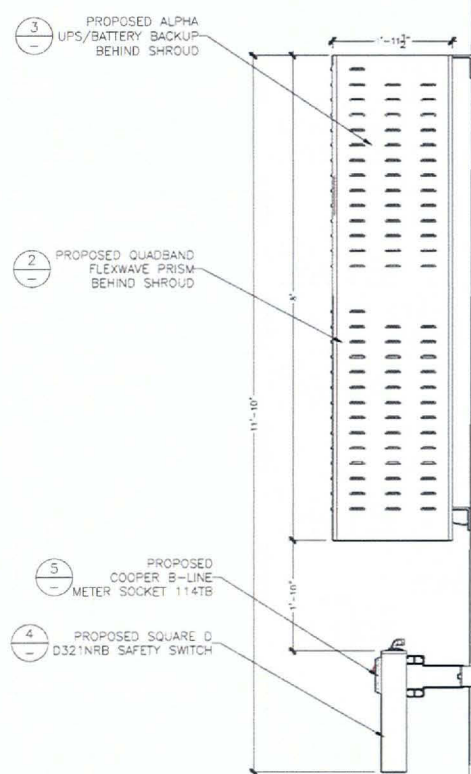
1	POLE TOP ANTENNA MAST	B-SCALE $3/8"=1'-0"$ D-SCALE $3/4"=1'-0"$
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3	SQUARE D D321NRB SAFETY SWITCH	B-SCALE $3/4"=1'-0"$ D-SCALE $1 1/2"=1'-0"$
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7	ALPHA MMOE UPS/BATTERY BACKUP	B-SCALE 3/8"=1'-0"
		D-SCALE 3/4"=1'-0"



EQUIPMENT CONFIG.	B-SCALE $3/8"=1'-0"$ D-SCALE $3/4"=1'-0"$	12
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W/PODNEY N. EXHIBIT A AT WOOD/ANTENNA POLE W/ W/PODNEY N. ADDITIONAL WARNING REQUIREMENTS

ANTENNA OWNER/OPERATORS ARE RESPONSIBLE FOR THE INSTALLATION AND UPKEEP OF THEIR SIGN

IN ADDITION TO THE REQUIREMENTS OF 02.00.00.00 (WARNING), AT A MINIMUM, EACH ANTENNA OWNER/OPERATOR WILL ALSO AFFIX A SIGN THAT:

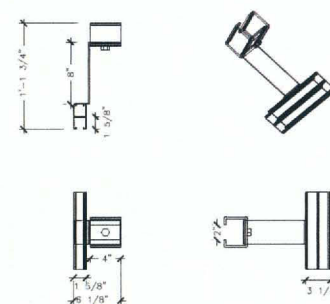
- a. IDENTIFIES THE APPLICABLE FCC EXPOSURE CATEGORY (GENERAL POPULATION/UNCONTROLLED OR CONTROLLED EXPOSURE)
- b. IDENTIFIES THE FCC'S RECOMMENDED MINIMUM APPROACH DISTANCE AS SET FORTH IN 47 C.F.R. 1.1310
- c. IS OF READABLE AND CONSPICUOUS RESISTANT MATERIAL

THE ANTENNA OWNER/OPERATOR WILL PLACE THE SIGN SO THAT IT IS CLEARLY VISIBLE TO W/PODNEY N. TRAVELERS ON THE ROAD. THE SIGN SHALL BE:

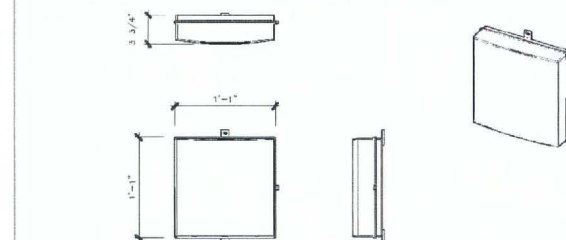
- a. NO LESS THAN THREE (3) FEET BELOW THE ANTENNA (MEASURED FROM THE TOP OF THE SIGN);
- b. NO LESS THAN NINE (9) FEET ABOVE THE GROUND (MEASURED FROM THE BOTTOM OF THE SIGN);

THE ANTENNA OWNER/OPERATOR MUST INSTALL A SINGLE SIGN THAT CONTAINS THE INFORMATION REQUIRED

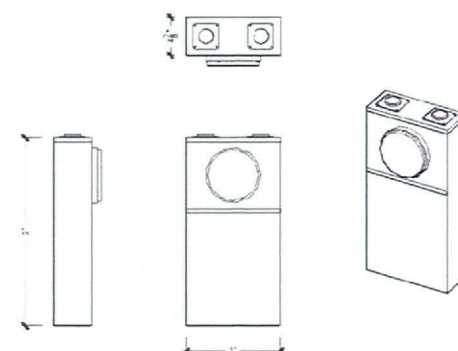
RF WARNING SIGNAGE		SCALE	10
		NTS	



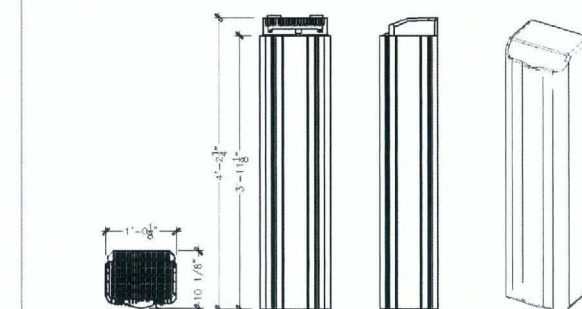
LADDER BRACKET	B-SCALE $1/2"=1'-0"$ D-SCALE $1"=1'-0"$	9
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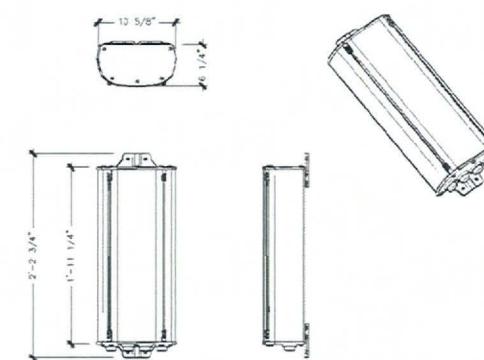
AFL OPTINID 760 XL OPTICAL DEMARCATION CLOSURE	B-SCALE 1/2"=1'-0"	D-SCALE 1"=1'-0"
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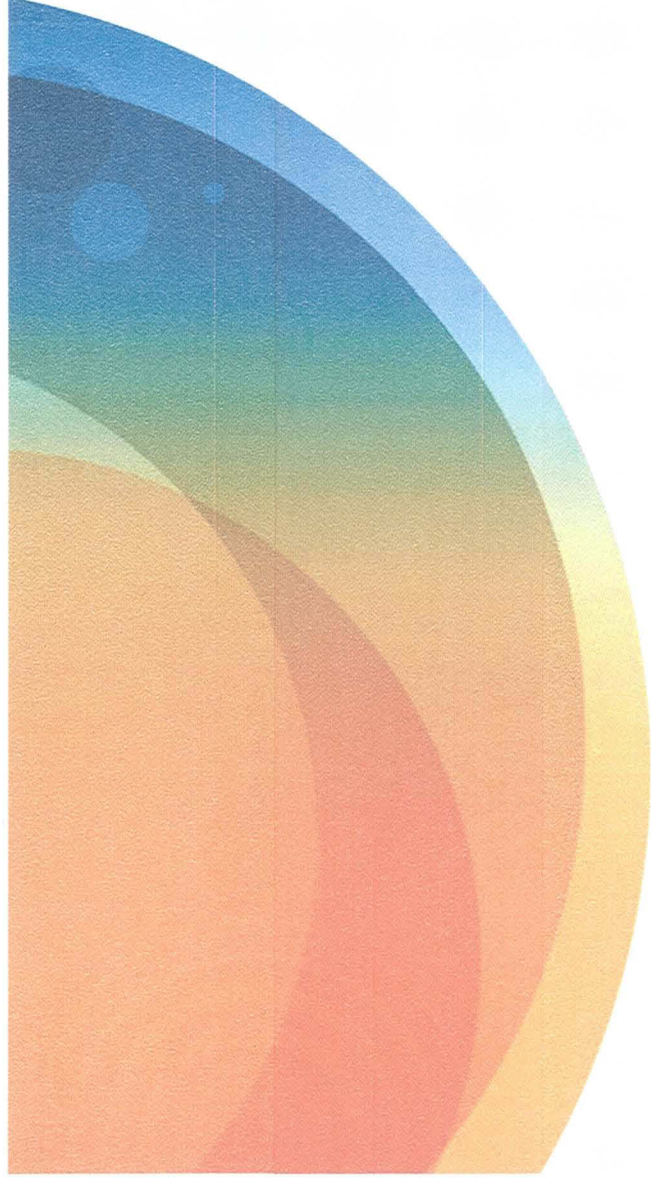
COOPER B-LINE METER SOCKET 114TB	B-SCALE 1/2"=1'-0"	5
	D-SCALE 1"=1'-0"	



QUADBAND FLEXWAVE PRISM	B-SCALE $3/8"=1'-0"$ D-SCALE $3/4"=1'-0"$
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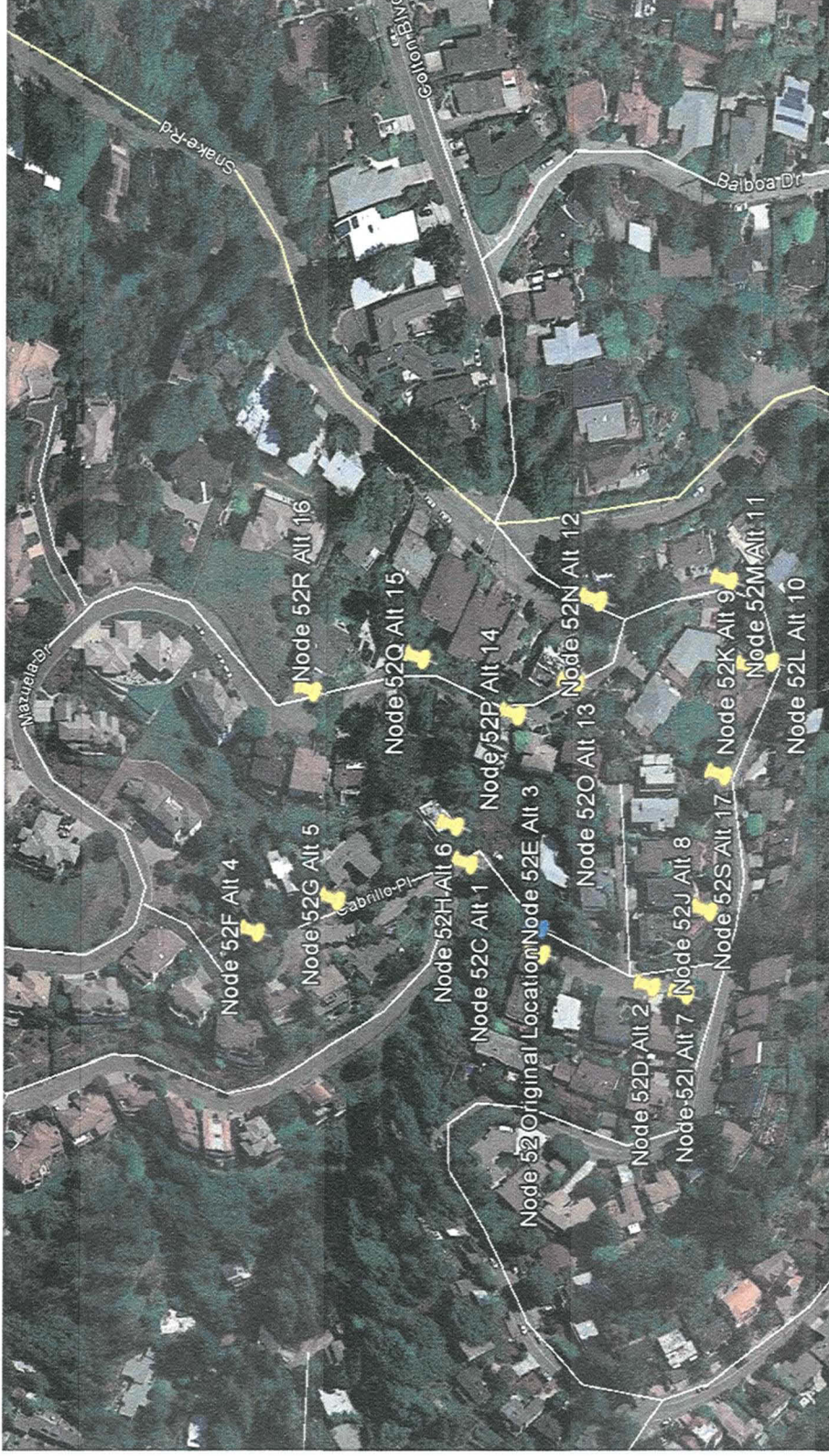
5	KATHREIN PANEL ANTENNA	B-SCALE 1/2"=1'-0"
		D-SCALE 1"=1'-0"



Rethink Possible®

# **Node 52L – 6046 Colton Blvd. Alternative Site Analysis March 4, 2015**

# Node 52 – Overview Map



On the map above, the originally proposed site location in the public right-of-way near 5826 Mendoza Drive (JPA110107943) is marked with a blue pin. The 17 alternative sites that AT&T analyzed are marked by yellow pins including the present proposal Node 52L at 6046 Colton Boulevard.

# Proposed Node 52L



- The newly proposed pole location (Node 52L) is identified as JPA 110110787, near 6046 Colton Boulevard. It was listed as “Alternative 10” in the original application DR13-020 (withdrawn) at JPA pole number 110107943 near 5826 Mendoza Drive (Node 52B, now listed here as “Alternative 10” to this proposal).
- AT&T re-evaluated this site and nearby alternatives in order to determine whether it is the least intrusive means to close AT&T’s significant service coverage gap in the area. AT&T’s analysis considered the city’s code, input of city staff, Planning Commission, City Council and residents nearby.

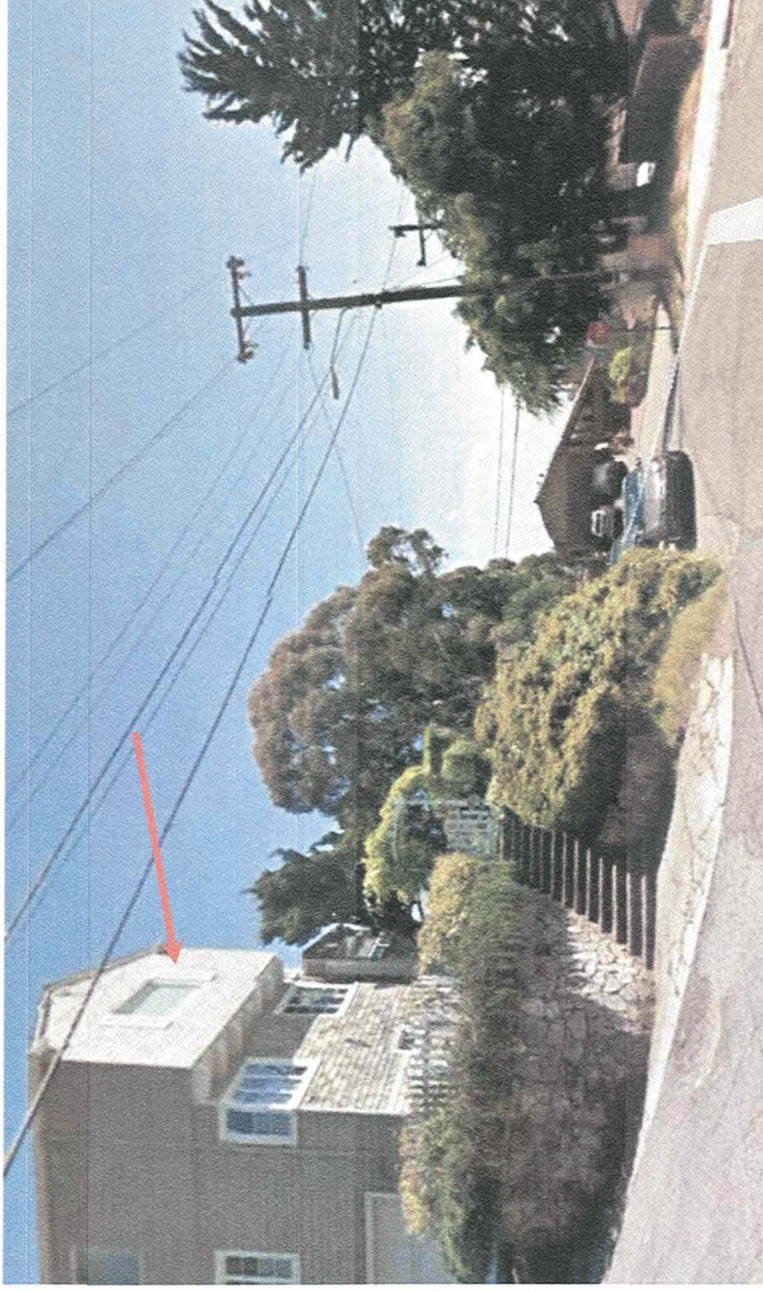


# Alternative 1 – Node 52C



- Alternative 1 (Node 52C) is identified as JPA 110306400 across from the side of 5826 Mendoza Drive.
- This site is located on the corner of a switchback along Mendoza Drive, which continues with a hard left (containing a view corridor) and splits off to Cabrillo Place. Behind the camera view, there are two residences overlooking this alternative pole, so this pole is more intrusive than the primary site in terms of view impact.
- This alternative is not feasible from a radio frequency perspective due to terrain obstruction.

## Alternative 2 – Node 52D



- Alternative 2 (Node 52D) is identified as JPA 110107942 at 5801 Mendoza Drive.
- This site is located at the intersection of Mendoza Drive and Colton Boulevard, situated at a corner without the natural screening. A facility at this pole would be more intrusive than the proposed facility because it would impose more of a view impact.



## Alternative 3 – Node 52E



- Alternative 3 (Node 52E) is identified as JPA 110107994, the standoff pole near 5817 Mendoza Drive, directly across the street from the originally chosen site.
- To be feasible from a radio frequency perspective, this site would require a new 48' 7" pole.
- A site here would impose a view impact to nearby residents and would be more intrusive than the proposed site.



## Alternative 4 – Node 52F



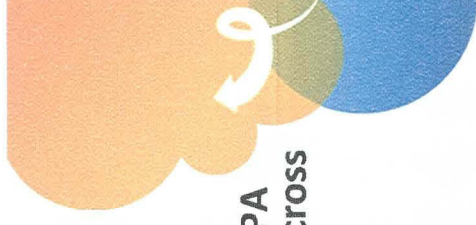
- Alternative 4 (Node 52F) is identified as JPA 110107945, between 30 and 33 Cabrillo Place.
- This location is not a feasible from a construction perspective due to the configuration and loading on the pole. It cannot support our equipment due to lack of climbing space required per CPUC General Order 95.



# Alternative 5 – Node 52G

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- Alternative 5 (Node 52G) is identified as JPA 11017944, next to 10 Cabrillo Place and across the street from 1 Cabrillo Place.
- This location is not a feasible from a construction perspective due to the configuration and loading on the pole. It cannot support our equipment due to lack of climbing space required per CPUC General Order 95.

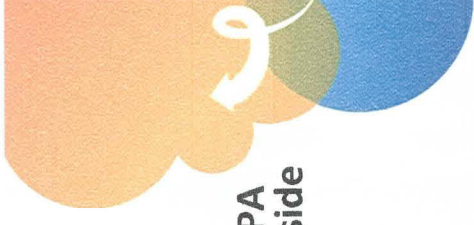


## Alternative 6 – Node 52H

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- Alternative 6 (Node 52H) is identified as JPA 110107934, the support pole, at the east side of the intersection of Mendoza Drive and Cabrillo Place.
- This location is not feasible from a radio frequency perspective due to the steep hillside directly to the east and obstructions from the residential houses and trees.
- This pole is not well-screened and would impose a view impact to nearby uphill residents, so it would be more intrusive than the proposed site.



## Alternative 7 – Node 52I

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- Alternative 7 (Node 52I) is identified as JPA 110110776, at the west corner of Colton Boulevard and Mendoza Drive.
- This location is not a feasible from a construction perspective due to the configuration and loading on the pole. It cannot support our equipment due to lack of climbing space required per CPUC General Order 95.



## **Alternative 8 – Node 52J**

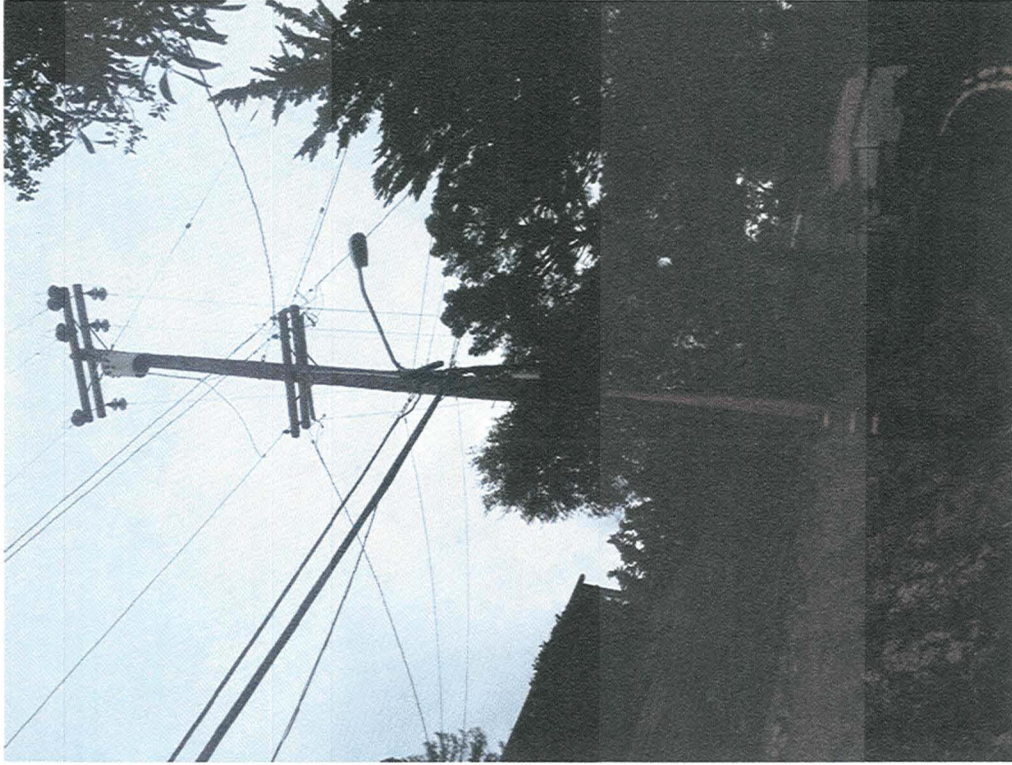


- Alternative 8 (Node 52J) is identified as JPA 110110875, at the east corner of Colton Boulevard and Mendoza Drive.
- This location is not a viable alternative due to the current configuration and loading on the pole. It cannot support our equipment due to lack of climbing space required per CPUC General Order 95.



## Alternative 9 – Node 52K

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- Alternative 9 (Node 52K) is identified as JPA 110110826, across the road from 6046 Colton Boulevard.
- This location is not a feasible from a construction perspective due to the configuration and loading on the pole. It cannot support our equipment due to lack of climbing space required per CPUC General Order 95.



## Alternative 10 - Node 52B (Originally Proposed Site)

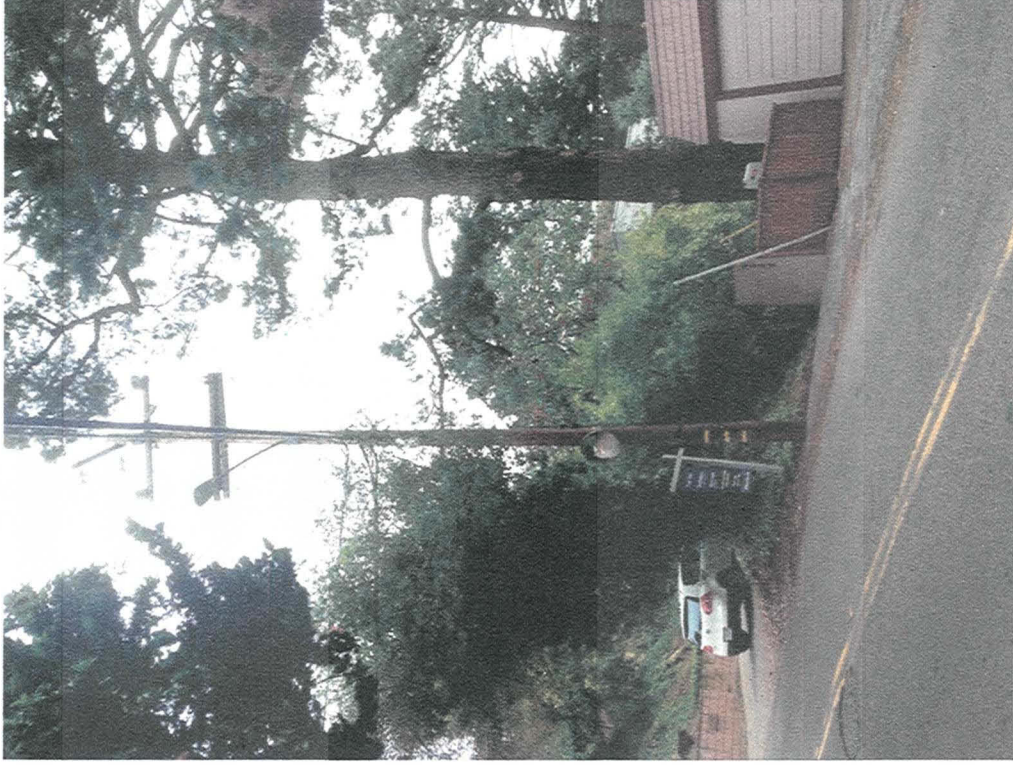
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- The originally proposed site, here listed as Alternative 10 or Node 52B, is identified as JPA 110107943 near 5826 Mendoza Drive.
- The photo above is a panoramic view taken of the existing pole to capture its setting and surroundings.
- AT&T re-evaluated this site and nearby alternatives in order to determine whether it is the least intrusive means to close AT&T's significant service coverage gap in the area. AT&T's analysis considered the city's code, input of city staff, and concerns of the residents who live nearby. The currently proposed Node 52L is an alternative to this originally proposed Node 52B. A site here at 5826 Mendoza Drive is still viable to close AT&T's significant service coverage gap in the area, but is not preferred by City Council.

# Alternative 11 – Node 52M

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- Alternative 11 (Node 52M) is identified as JPA 110110784, at 6066 Colton Boulevard.
- This location is not a viable alternative due to the current configuration and loading on the pole. It cannot support our equipment due to lack of climbing space required per CPUC General Order 95.



# Alternative 12 – Node 52N

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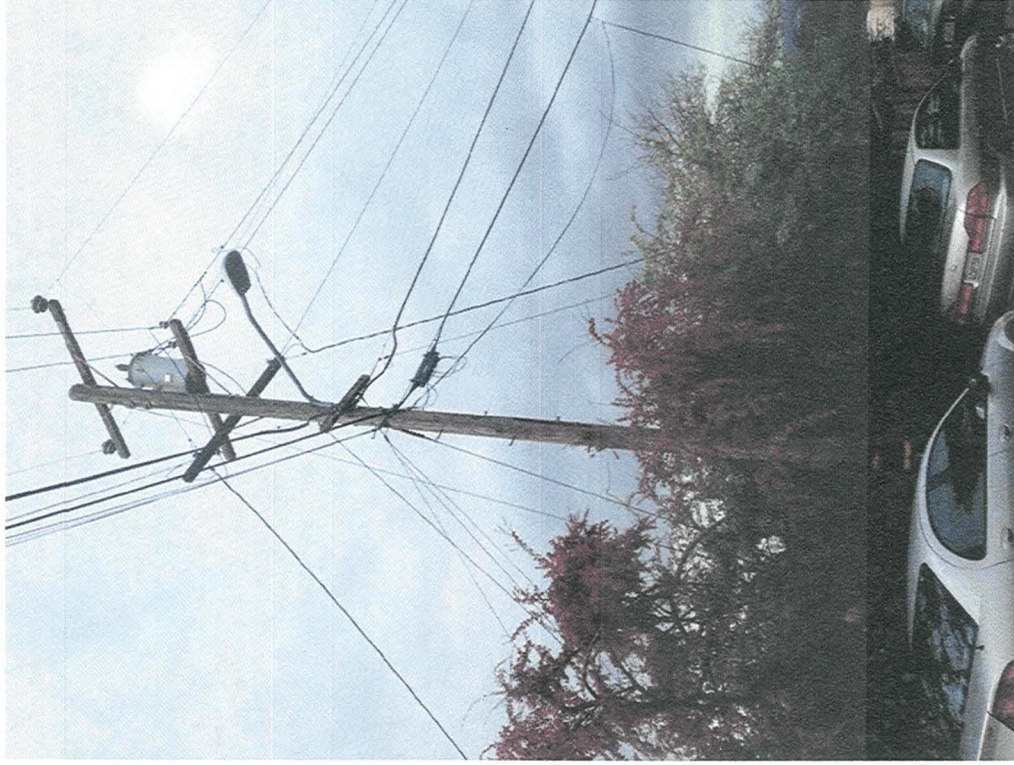


- Alternative 12 (Node 52N) is identified as JPA 110350126, located at the intersection of Colton Boulevard Mazuela Drive.
- This location is not a viable alternative due to the current configuration and loading on the pole. It cannot support our equipment due to lack of climbing space required per CPUC General Order 95.



# Alternative 13 – Node 520

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- Alternative 13 (Node 520) is identified as JPA 110110858, located at 5901 Mazuela Drive.
- This location is not a viable alternative due to the current configuration and loading on the pole. It cannot support our equipment due to lack of climbing space required per CPUC General Order 95.



# Alternative 14 – Node 52P

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- Alternative 14 (Node 52P) is identified as JPA 110110859, located at 5907 Mazuela Drive.
- This location is not a viable alternative due to the current configuration and loading on the pole. It cannot support our equipment due to lack of climbing space required per CPUC General Order 95.



# Alternative 15 – Node 52Q

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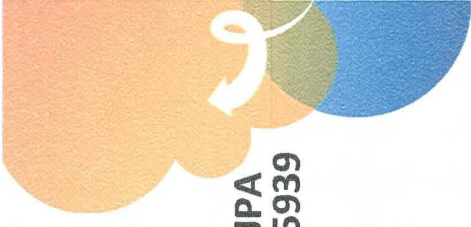
- Alternative 15 (Node 52Q) is identified as JPA 110110785, located across the road from 5925 Mazuela Drive.
- This location is not a viable alternative due to the current configuration and loading on the pole. It cannot support our equipment due to lack of climbing space required per CPUC General Order 95.



# Alternative 16 – Node 52R



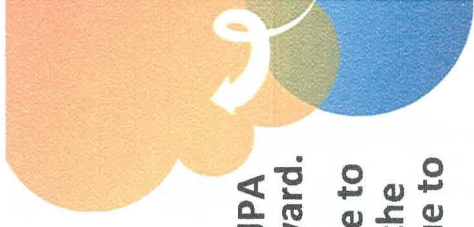
- Alternative 16 (Node 52R) is identified as JPA 110107935, located across the road from 5939 Mazuela Drive.
- This location is not feasible from a radio frequency perspective.



## Alternative 17 – Node 52S



- Alternative 17 (Node 52S) is identified as JPA 110418488, located at 6030 Colton Boulevard.
- This location is not a viable alternative due to the current configuration and loading on the pole. It cannot support our equipment due to lack of climbing space required per CPUC General Order 95.



# Conclusion

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Based on AT&T's analysis of alternative sites, if the originally chosen candidate Node 52B at 5826 Mendoza Drive is not preferred by the City then the proposed Node 52L at 6046 Colton Boulevard is the least intrusive means to close AT&T's significant service coverage gap in the area.

