



**North Fair Oaks Community Council**  
San Mateo County Coordinated  
Departmental Response



**Date:** April 13, 2017  
**NFOCC Meeting Date:** April 27, 2017  
**Special Notice / Hearing:** 10 days; within 300 feet  
**Vote Required:** Majority

**To:** Members, North Fair Oaks Community Council

**From:** Planning Staff

**Subject:** Five Use Permits to allow the installation and operation of wireless telecommunications facilities on existing joint utility poles located in the public right-of-way. The projects are closely grouped together and are located in front of: (1) 111 Dumbarton Avenue, (2) 2823 Devonshire Avenue, (3) 2753 Devonshire Avenue, (4) 2797 Blenheim Avenue, and (5) 2760 Marlborough Avenue, in the unincorporated North Fair Oaks area of San Mateo County.

County File Numbers:

|        |                |
|--------|----------------|
| ITEM 1 | PLN 2016-00509 |
| ITEM 2 | PLN 2016-00510 |
| ITEM 3 | PLN 2016-00511 |
| ITEM 4 | PLN 2016-00512 |
| ITEM 5 | PLN 2016-00513 |

**RECOMMENDATION:**

That the North Fair Oaks Community Council provide a recommendation to the Zoning Hearing Officer on the five proposed Use Permits for wireless telecommunication facilities.

**PROPOSAL**

The applicant proposes to install new wireless telecommunication facilities on existing joint utility poles located in the public right-of-way in front of: (1) 111 Dumbarton Avenue, (2) 2823 Devonshire Avenue, (3) 2753 Devonshire Avenue, (4) 2797 Blenheim Avenue, and (5) 2760 Marlborough Avenue, in the unincorporated North Fair Oaks area. The new facilities will consist of a new support arm, located at a maximum height

of 25 feet 6 inches above grade, one to two antennas, located at a maximum height of 21 feet 3 inches above grade, and four equipment boxes, located between 7 and 12 feet above the existing grade, mounted on existing joint utility poles where the maximum allowed height in each zoning district is 36 feet from the existing grade.

Extenet is also currently proposing another nine sites east of Middlefield Road and south of Fair Oaks Elementary School, of near identical description (File Nos. PLN 2016-00502 through PLN 2016-00508; PLN 2016-00531; and PLN 2016-00532). Although “bundled” under a separate report, these sites will be considered by the North Fair Oaks Council along with this grouping.

**BACKGROUND:**

Report Prepared By: Laura Richstone, Project Planner, Telephone 650/363-1829

Owner: Joint Pole Authority

Applicant: Mike Mangiantini, ExteNet

Existing Land Use: Joint Utility Pole

| <b>Item 1 - County File Number: PLN 2016-00509</b> |  |
|--|--|
| Location   | Public Right-of-Way in front of 111 Dumbarton Avenue , North Fair Oaks                   |
| APN  | Public Right-of-Way adjacent to 054-274-140  |
| Existing Zoning                                    | R-3/S-5 (Multiple-Family Residential/Minimum Lot Size 5,000 sq. ft.)                     |
| General Plan Designation                           | Urban Multifamily Residential (24 du/ac to 60 du/ac)                                     |
| Flood Zone   | Zone X (area of minimal flood risk); FEMA Panel No. 06081C 0302E; effective October 2012 |

| <b>Item 2 - County File Number: PLN 2016-00510</b> |  |
|--|--|
| Location   | Public Right-of-Way in front of 2823 Devonshire Avenue , North Fair Oaks                 |
| APN  | Public Right-of-Way adjacent to 054-281-210  |
| Existing Zoning                                    | R-3/S-5 (Multiple-Family Residential/Minimum Lot Size 5,000 sq. ft.)                     |
| General Plan Designation                           | Urban Multifamily Residential (24 du/ac to 60 du/ac)                                     |
| Flood Zone   | Zone X (area of minimal flood risk); FEMA Panel No. 06081C 0302E; effective October 2012 |

| <b>Item 3 - County File Number: PLN 2016-00511</b> |  |
|--|--|
| Location   | Public Right-of-Way in front of 2753 Devonshire Avenue , North Fair Oaks                 |
| APN  | Public Right-of-Way adjacent to 054-273-190  |
| Existing Zoning                                    | R-3/S-5 (Multiple-Family Residential/Minimum Lot Size 5,000 sq. ft.)                     |
| General Plan Designation                           | Urban Multifamily Residential (24 du/ac to 60 du/ac)                                     |
| Flood Zone   | Zone X (area of minimal flood risk); FEMA Panel No. 06081C 0302E; effective October 2012 |

| <b>Item 4 - County File Number: PLN 2016-00512</b> |  |
|--|--|
| Location   | Public Right-of-Way in front of 2797 Blenheim Avenue , North Fair Oaks                   |
| APN  | Public Right-of-Way adjacent to 054-276-330  |
| Existing Zoning                                    | R-3/S-3 (Multi-Family Residential/Minimum Lot Size 5,000 sq. ft.)                        |
| General Plan Designation                           | Urban Multifamily Residential (24 du/ac to 60 du/ac)                                     |
| Flood Zone   | Zone X (area of minimal flood risk); FEMA Panel No. 06081C 0302E; effective October 2012 |

| <b>Item 5 - County File Number: PLN 2016-00513</b> |  |
|--|--|
| Location   | Public Right-of-Way in front of 2760 Marlborough Avenue , North Fair Oaks                |
| APN  | Public Right-of-Way adjacent to 054-275-050  |
| Existing Zoning                                    | R-3/S-5 (Single-Family Residential/Minimum Lot Size 5,000 sq. ft.)                       |
| General Plan Designation                           | Urban Multifamily Residential (24 du/ac to 60 du/ac)                                     |
| Flood Zone   | Zone X (area of minimal flood risk); FEMA Panel No. 06081C 0302E; effective October 2012 |

Environmental Evaluation: All projects are categorically exempt under provisions of Class 3, Section 15303, of the California Environmental Quality Act (CEQA) Guidelines for construction of a new small structure and installation of small new equipment and a facility in a small structure.

Setting: The proposed project sites are located on existing utility poles in the public right-of-way north of Dumbarton Avenue between the railroad tracks and Highway 82 in the unincorporated North Fair Oaks area. The surrounding area is an urban multifamily residential neighborhood.

Chronology:

| <u>Date</u>       | <u>Action</u>   |
|-------------------|---|
| November 30, 2016 | - Use permit applications, the subject of this application, submitted.  |
| December 16, 2016 | - Additional use permit applications (PLN 2016-00531 and PLN 2016-00532), the subject of this application, submitted. |
| January 20, 2017  | - Application deemed complete.  |
| April 27, 2017    | - North Fair Oaks Community Council hearing date.   |
| May 18, 2017      | - Zoning Hearing Office public hearing date.  |

**DISCUSSION:**

A. KEY ISSUES

1. Compliance with the General Plan

Policy 8.36 (*Uses*) allows uses in zoning districts that are consistent with the overall land use designation. Wireless telecommunication facilities are an allowed use within the R-3 Zoning District subject to use permit approval and provided the facility is in conformance with Wireless Telecommunication Facility Ordinance, discussed in Section 3, below.

2. Compliance with the Zoning Regulations

a. Development Standards

The proposed project sites are located within the public right-of-way in the R-3/S-3 and R-3/S-5 Zoning Districts. The zoning district standards, with the exception of height, are not applicable since the site is located within the public right-of-way. The maximum height allowed in the R-3/S-5 and R-3/S-3 Zoning Districts is 36 feet. The proposed projects will consist of one new support arm, located at a maximum height of 25 feet 6 inches above grade, one to two antennas, located at a maximum height of 21 feet 3 inches above grade, and four equipment boxes, located between 7 and 12 feet above the existing grade. The proposed support arms, antennas, and equipment boxes fall below the maximum height allowed in the R-3/S-5 and R-3-S-3 Zoning Districts. The proposed projects comply with the development criteria set forth by the County Zoning Regulations for these districts as noted in the following table:

| Item No. | Planning Case No. | Zoning District | Maximum Height allowed in Zoning District | Maximum Height of Support Arm | Maximum Height of Antenna(s) |
|----------|-------------------|-----------------|---|-------------------------------|------------------------------|
| ITEM 1   | PLN 2016-00509    | R-3/S-5         | 36 feet                                   | 23'-7"                        | 21'-3"                       |
| ITEM 2   | PLN 2016-00510    | R-3/S-5         | 36 feet                                   | 24'-4"                        | 21'-3"                       |
| ITEM 3   | PLN 2016-00511    | R-3/S-5         | 36 feet                                   | 24'-3"                        | 21'-3"                       |
| ITEM 4   | PLN 2016-00512    | R-3/S-3         | 36 feet                                   | 25'-6"                        | 21'-3"                       |
| ITEM 5   | PLN 2016-00513    | R-3/S-5         | 36 feet                                   | 24'-8"                        | 21'-3"                       |

3. Compliance with the Wireless Telecommunication Facility Ordinance

The proposed projects are in compliance with the development, design, and performance standards of the Wireless Telecommunication Facility Ordinance, Section 6512.2, Chapter 24.5, of the San Mateo County Zoning Regulations. The proposed facilities comply with all applicable R-3/S-3 and R-3/S-5 Zoning District standards. These facilities include one new support arm, one to two antennas, and four equipment boxes. With a maximum equipment height of 25 feet 6 inches, the new facilities will not exceed the maximum building height of 36 feet in the R-3/S-3 and R-3/S-5 Zoning Districts. When screened by foliage, the proposed antenna(s) shall be painted a non-reflective green color to blend with the existing vegetation. When not screened by foliage, the antenna(s) shall be painted a non-reflective brown color to match the existing utility pole. The equipment boxes shall also be painted a non-reflective brown color to match the existing utility pole.

Cellular communication facilities, such as these proposed projects, require the submittal and review of radio frequency (RF) reports to ensure that the RF emissions from the proposed antennas do not exceed the Federal Communications Commission's public exposure limits. The reports submitted by the applicant state that the maximum RF levels at ground level will range from 0.47% to 0.83% of the applicable public exposure limit (see table below) and from 2.2% to 3.9% of the applicable public exposure limit at second-floor elevations. The submitted RF reports confirm that the proposed facilities will comply with the standards for limiting public exposure to radio frequency energy.

| Item No. | Planning Case No. | Zoning  | Ground Floor Radio Frequency Exposure | Send Floor Radio Frequency Exposure | Number of Viable Alternatives | Number of Proposed Antenna |
|----------|-------------------|---------|---------------------------------------|-------------------------------------|-------------------------------|----------------------------|
| ITEM 1   | PLN 2016-00509    | R-3/S-5 | 0.83%                                 | 2.5%                                | 1                             | 1                          |
| ITEM 2   | PLN 2016-00510    | R-3/S-5 | 0.47%                                 | 2.2%                                | 0                             | 2                          |
| ITEM 3   | PLN 2016-00511    | R-3/S-5 | 0.83%                                 | 3.9%                                | 2                             | 1                          |
| ITEM 4   | PLN 2016-00512    | R-3/S-3 | 0.47%                                 | 3.5%                                | 0                             | 2                          |
| ITEM 5   | PLN 2016-00513    | R-3/S-5 | 0.83%                                 | 2.4%                                | 0                             | 1                          |

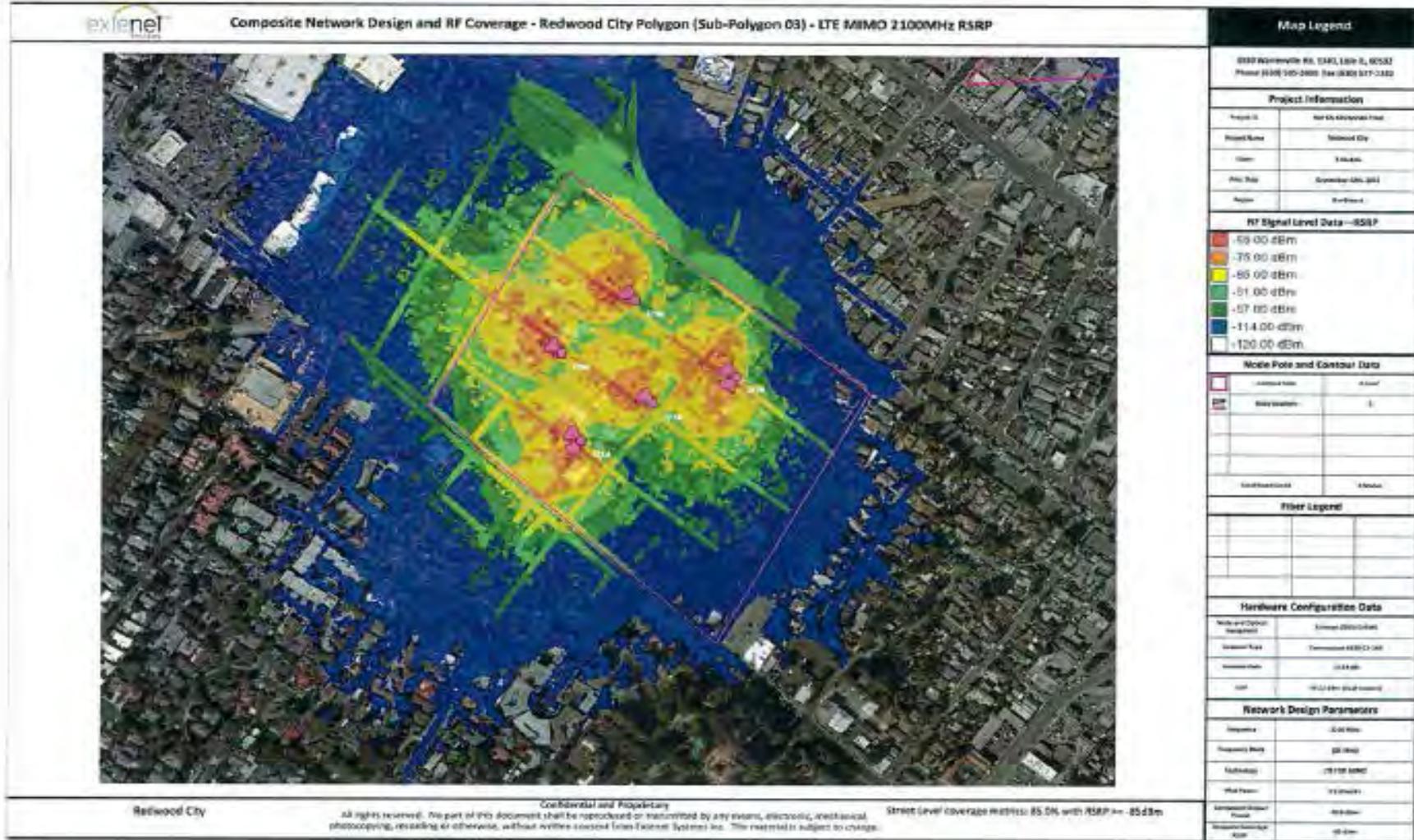
The applicant has identified existing monopole, rooftop, and tower alternative locations within a 2.5-mile radius and has demonstrated that these locations are not viable co-location alternatives due to their location outside of the proposed small cell network. To provide the needed increase in wireless coverage and capacity, the ExteNet Alternative Site Analysis states that alternative sites must be located approximately 150 feet from the targeted coverage area. A total of 10 joint utility poles matched this criteria and were identified as possible alternatives. Seven out of the 10 possible alternative utility poles were eliminated as possible candidates due to additional impacts that may arise if used. These impacts include the relocation of existing transformers, inadequate space on the existing utility pole, limited climbing space for maintenance, and inability to co-locate. Among the identified locations the proposed project locations are the least intrusive and will increase the wireless coverage and data capacity of the area.

## **ATTACHMENTS**

- A. Existing Cell Coverage Map
- B. Expanded Cell Coverage Map after Installation
- C. Cell Sites Within a 2.5-mile Radius
- D. Map of Cell Sites Within a 2.5-mile Radius
- E. Map of Proposed Cell Sites
- F. Project Summary Chart
- G1.-G5. Vicinity Maps
- H1.-H5. Project Plans
- I1.-I5. Photo Simulations
- J1.-J5. Alternative Site Analysis

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# Propagation Map of Proposed Site (and Cluster)



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Owner/Applicant:

Attachment:

File Numbers:



ExteNet Small Cell Node  
3017 Fair Oaks Avenue, Redwood City  
WTFs Within 2.5 Mile Radius

| Latitude      | Longitude      | Type                                  | Street Address                          | APN                         |
|---------------|----------------|---------------------------------------|---|-----------------------------|
| 37°28'47.84"N | 122°13'10.05"W | Existing Monopole                     | 338-385 Manzanita Street, Redwood City  | 053-355-180                 |
| 37°28'46.32"N | 122°13'10.79"W | Existing Monopole                     | 338-385 Manzanita Street, Redwood City  | 053-355-180                 |
| 37°28'34.62"N | 122°12'33.23"W | Existing Monopole                     | 2801 Crocker Avenue, Redwood City       | 054-221-380                 |
| 37°27'41.41"N | 122°10'34.84"W | Existing Monopole                     | 555 Middlefield Road, Atherton          | 061-282-060                 |
| 37°29'13.80"N | 122°12'45.34"W | Existing Monopole                     | 1100 Broadway, Redwood City             | 054-023-060                 |
| 37°29'06.53"N | 122°11'07.92"W | Existing Monopole                     | 3600 Haven Avenue, Redwood City         | 055-162-300                 |
| 37°29'20.93"N | 122°14'11.24"W | Existing Monopole                     | 911 Arguello Street, Redwood City       | 052-272-040                 |
| 37°29'48.88"N | 122°14'41.77"W | Existing Monopole                     | 1680 Bayport Avenue, San Carlos         | 046-223-110                 |
| 37°28'57.76"N | 122°13'47.94"W | Existing Rooftop Site                 | 1121 Jefferson Avenue, Redwood City     | 053-172-999 / SBE 279-41-34 |
| 37°27'08.47"N | 122°10'47.19"W | Existing Rooftop Site                 | 700 El Camino Real, Menlo Park          | 071-333-200                 |
| 37°28'29.13"N | 122°13'11.33"W | Existing Rooftop Site                 | 2342 El Camino Real, Redwood City       | 053-335-270                 |
| 37°27'26.65"N | 122°13'37.63"W | Existing Rooftop Site                 | 1391 Woodside Road, Redwood City        | 069-311-370                 |
| 37°26'57.19"N | 122°13'54.22"W | Existing Rooftop Site                 | 2000 Woodside Road, Redwood City        | 069-191-560                 |
| 37°28'52.35"N | 122°13'40.66"W | Existing Rooftop Site                 | 1451 El Camino Real, Redwood City       | 053-176-170                 |
| 37°28'49.39"N | 122°15'12.56"W | Existing Rooftop Site                 | 170 Alameda de las Pulgas, Redwood City | 058-060-080                 |
| 37°28'25.90"N | 122°11'19.67"W | Existing Rooftop Site                 | 723 Marsh Road, Menlo Park              | 060-143-320                 |
| 37°29'19.95"N | 122°13'24.03"W | Existing Rooftop Site                 | 1100 Veterans Blvd., Redwood City       | 053-202-140                 |
| 37°27'13.68"N | 122°13'43.33"W | Existing Rooftop Site                 | 1775 Woodside Road, Redwood City        | 069-341-420                 |
| 37°27'08.12"N | 122°11'24.18"W | Existing Rooftop Site                 | 1330 University Drive, Menlo Park       | 110-370-999                 |
| 37°29'23.47"N | 122°13'41.42"W | Existing Rooftop Site                 | 900 Veterans Blvd., Redwood City        | 052-372-250                 |
| 37°28'49.53"N | 122°12'01.71"W | Existing Enclosed Tower               | 3175 Spring Street, Redwood City        | 055-081-999 / SBE 312-41-25 |
| 37°28'11.45"N | 122°12'24.53"W | Existing Guy Tower                    | 197 Fifth Avenue, Redwood City          | 060-261-260                 |
| 37°27'48.76"N | 122°11'53.01"W | Existing Lattice Tower                | 83 Ashfield Road, Atherton              | 060-321-010                 |
| 37°26'59.99"N | 122°11'42.21"W | Existing Water Tower                  | 150 Valparaiso Avenue, Atherton         | 070-590-010                 |
| 37°27'23.69"N | 122°10'00.50"W | Existing Fire Station Hose Tower Site | 300 Middlefield Road, Menlo Park        | 062-460-030                 |
| 37°28'01.98"N | 122°12'29.32"W | Existing Parking Lot Light Attachment | 46 Fifth Avenue, Redwood City           | 060-281-610                 |

Existing WTFs within 2.5 miles of the proposed site are listed above. Availability of space and owner interest in accommodating additional users at these sites has not been investigated because none of the sites are acceptable for ExteNet's small cell network due to incompatibility with the fundamental design concept associated with the network. The main purpose of the proposed small cell network is to increase network capacity (more bandwidth for customers). This site will improve coverage as well, but the area is already covered so this will be a nominal, secondary benefit. Cell sites can only handle a limited number of voice calls, data megabytes, and total number of active users at any one time. This limitation is directly related to the amount of radio frequency spectrum allocated to wireless carriers by the FCC. In order to increase network capacity, carriers have to add cell sites, which allows for frequency re-use in non-adjacent cells. More frequency re-use means more capacity. If ExteNet located this site at any of the existing WTFs, there would be no opportunity for frequency re-use. Due to their locations outside the proposed small cell network, the signals transmitted from any of the existing WTFs would be cast all over the network, causing co-channel interference, and ExteNet would not be able to build any network capacity. The site needs to be located within the area that will be served by the site, which is very small. It cannot be done from 2.5 miles away. It can only be done at the targeted location, or within approximately 150 feet from the targeted location.

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Owner/Applicant:

Attachment:

File Numbers:



***GUb'A UYc'7ci bhmBcfh : Uj'CU\_g'7ca a i b]hm'7ci bW'AYh]b[***

Owner/Applicant:

Attachment:

File Numbers:



# Project Summary Chart

| Item No. | Planning Case No. | Approx. Location      | Zoning  | Maximum Height | Proposed Height | Ground Floor Radio Frequency Exposure | Second Floor Radio Frequency Exposure |
|----------|-------------------|-----------------------|---------|----------------|-----------------|---------------------------------------|---------------------------------------|
| ITEM 1   | PLN 2016-00509    | 111 Dumbarton Ave.    | R-3/S-5 | 36 feet        | 23'-7"          | 0.83%                                 | 2.5%                                  |
| ITEM 2   | PLN 2016-00510    | 2823 Devonshire Ave.  | R-3/S-5 | 36 feet        | 24'-4"          | 0.47%                                 | 2.2%                                  |
| ITEM 3   | PLN 2016-00511    | 2753 Devonshire Ave.  | R-3/S-5 | 36 feet        | 24'-3"          | 0.83%                                 | 3.9%                                  |
| ITEM 4   | PLN 2016-00512    | 2797 Blenheim Ave.    | R-3/S-3 | 36 feet        | 25'-6"          | 0.47%                                 | 3.5%                                  |
| ITEM 5   | PLN 2016-00513    | 2760 Marlborough Ave. | R-3/S-5 | 36 feet        | 24'-8"          | 0.83%                                 | 2.4%                                  |

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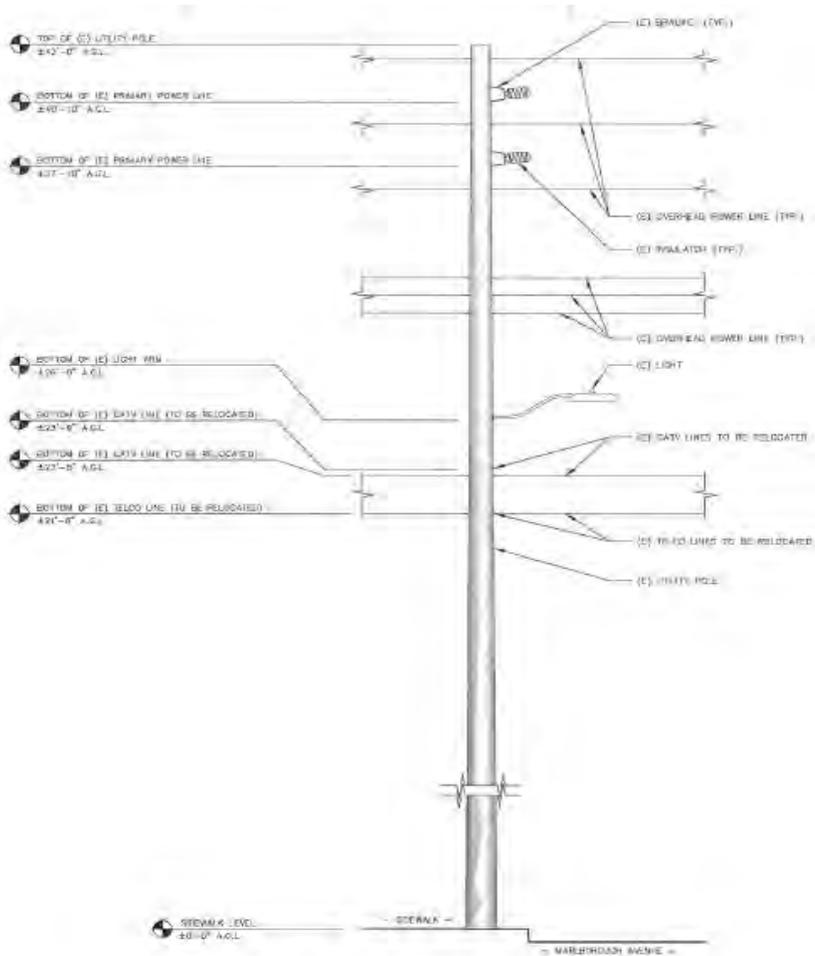


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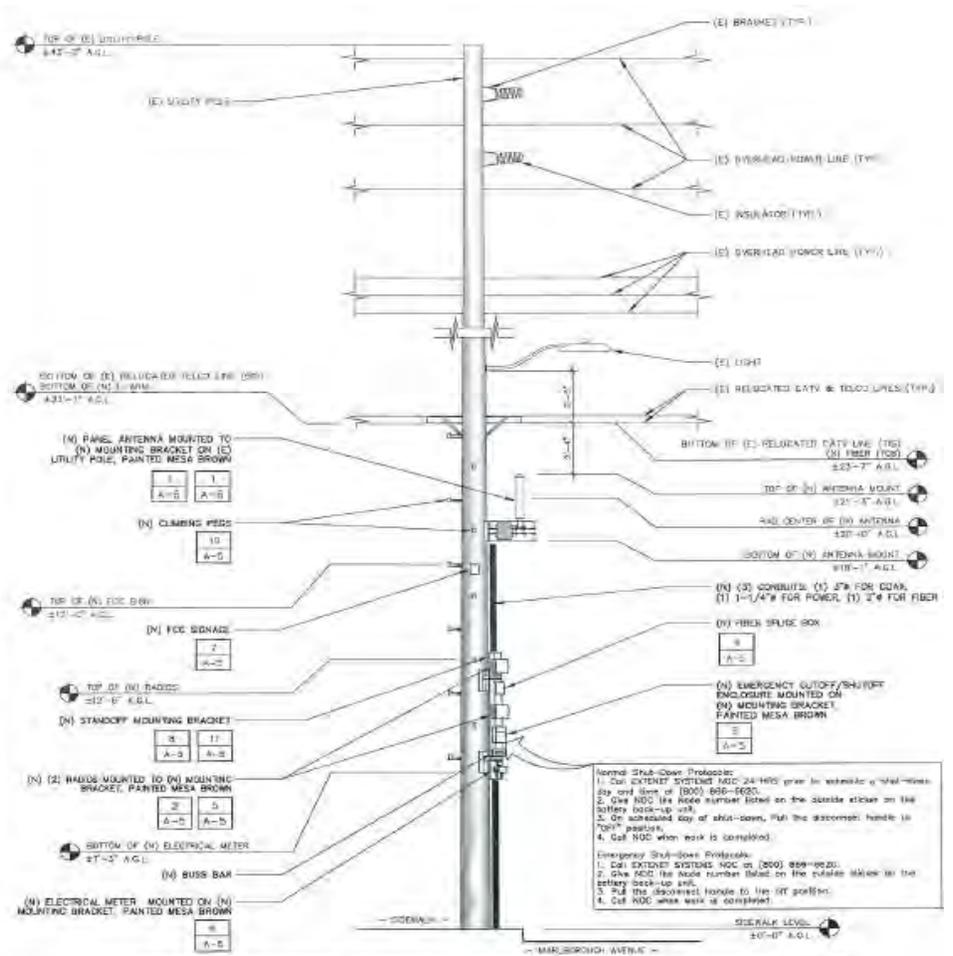
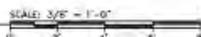
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File Numbers: \_\_\_\_\_



1 EXISTING NORTHWEST ELEVATION



2 PROPOSED NORTHWEST ELEVATION



**MAKE READY INFORMATION**

1. EXTEND CONTRACTOR TO PLACE CABLE SUSPENSION CROSSOVER CLAMP ON EXISTING POLE AT 25' FROM
2. EXTEND CONTRACTOR TO PLACE NEW ARM ON EXISTING POLE AT 25' AGL
3. EXTEND CONTRACTOR TO TRANSFER EXISTING TELLER TO NEW FLAME AT 25' AND ATTACH EXISTING ARM AT 11' AGL
4. EXTEND CONTRACTOR TO TRANSFER EXISTING TELLER TO NEW FLAME AT 23' AND ATTACH EXISTING ARM AT 11' AGL
5. EXTEND CONTRACTOR TO PLACE NEW EXTEND FIBER TO NEW FLAME AT 22' AND ATTACH TO OUTSIDE POSITION STREET SIDE
6. EXTEND CONTRACTOR TO PLACE BOTTOM OF NEW ANTENNA SUPPORT ARM EXTENDING INTO STREET SIDE AT 32' AGL
7. EXTEND CONTRACTOR TO INSTALL NEW WATERSHED TO NEW SUPPORT ARM POSITION
8. EXTEND CONTRACTOR TO PLACE NEW 2" SCH 80 PVC RISER AT 35' POSITION FOR EXISTING COAXIAL LABEL: FIBER LABEL
9. EXTEND CONTRACTOR TO PLACE NEW 2" SCH 80 PVC RISER AT 35' POSITION FOR EXISTING FIBER LABEL: FIBER LABEL
10. EXTEND APPROVED ELECTRICAL CONTRACTOR TO PLACE NEW 1 1/2" SCH 80 PVC RISER AT 45' POSITION FOR EXISTING FIBER LABEL: FIBER LABEL
11. EXTEND CONTRACTOR TO PLACE NEW 2" SCH 80 PVC RISER AT 35' POSITION FOR EXISTING COAXIAL LABEL: FIBER LABEL
12. EXTEND CONTRACTOR TO CUT IN NEW 1/2" DIA 22' AGL TO EXISTING NEW 1/2" DIA NEW COAXIAL RISER
13. EXTEND CONTRACTOR TO PLACE NEW 4" X 4" 3" DIA POLE MOUNTED EQUIPMENT CHASSIS AT 25' POSITION ON 4" SHROUD POLES FOR NEW EXISTING EQUIPMENT, BOTTOM AT 7' AGL
14. EXTEND CONTRACTOR TO MOUNT BOTTOM OF NEW FIBER MOUNT BOX TO POLE AT 7' AGL
15. EXTEND CONTRACTOR TO MOUNT BOTTOM OF NEW BREAKER BOX TO POLE AT 8' AGL
16. EXTEND CONTRACTOR TO PLACE NEW 2" COOPER GROUND ROD 12" BELOW GRADE AND 24" FROM POLE FOR NEW POWER METER
17. EXTEND CONTRACTOR TO PLACE NEW 8" COOPER GROUND ROD 24" BELOW GRADE AND 24" FROM POLE FOR NEW EXISTING EQUIPMENT
18. PLACE NEW #2 LEADERS GROUND WIRE FROM POWER METER TO NEW METER GROUND ROD
19. PLACE NEW #2 LEADERS GROUND WIRE FROM EXISTING EQUIPMENT TO NEW EQUIPMENT GROUND ROD
20. EXTEND CONTRACTOR TO PLACE NEW RISER AT 10' AND 12' FOR FIBER CLIMBING RISER
21. EXTEND CONTRACTOR TO PLACE NEW RISER SIGNAGE AS REQUIRED BY LAW

Normal Shut-Down Precautions:  
 1. Call EXTEND SYSTEMS NDC or (800) 896-0620.  
 2. Give NDC the issue number listed on the outside label on the teller look-up card.  
 3. On scheduled day of shut-down, put the disconnect handle in "OFF" position.  
 4. Call NDC when work is completed.

Emergency Shut-Down Precautions:  
 1. Call EXTEND SYSTEMS NDC or (800) 896-0620.  
 2. Give NDC the issue number listed on the outside label on the teller look-up card.  
 3. Put the disconnect handle in the "OFF" position.  
 4. Call NDC when work is completed.

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Owner/Applicant:

Attachment:

File Numbers:

PLN2016-00509

NOV 8 2016

San Mateo County  
Planning Division



NW-CA-SANFRNMC- 04123A

Aerial Map

11/14/16

IFO 111 Dumbarton Avenue Redwood City, CA

Applied Imagination 510 914-0500

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Owner/Applicant: \_\_\_\_\_

Attachment: \_\_\_\_\_

File Numbers: \_\_\_\_\_



NW-CA-SANFRNMC- 04123A

Looking North from Dumbarton Avenue

11/14/16

IFO 111 Dumbarton Avenue Redwood City, CA

View #1

Applied Imagination 510 914-0500

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Owner/Applicant:

Attachment:

File Numbers:



NW-CA-SANFRNMC- 04123A

Looking Southeast from Marlborough Avenue

11/14/16

IFO 111 Dumbarton Avenue Redwood City, CA

View #2

Applied Imagination 510 914-0500

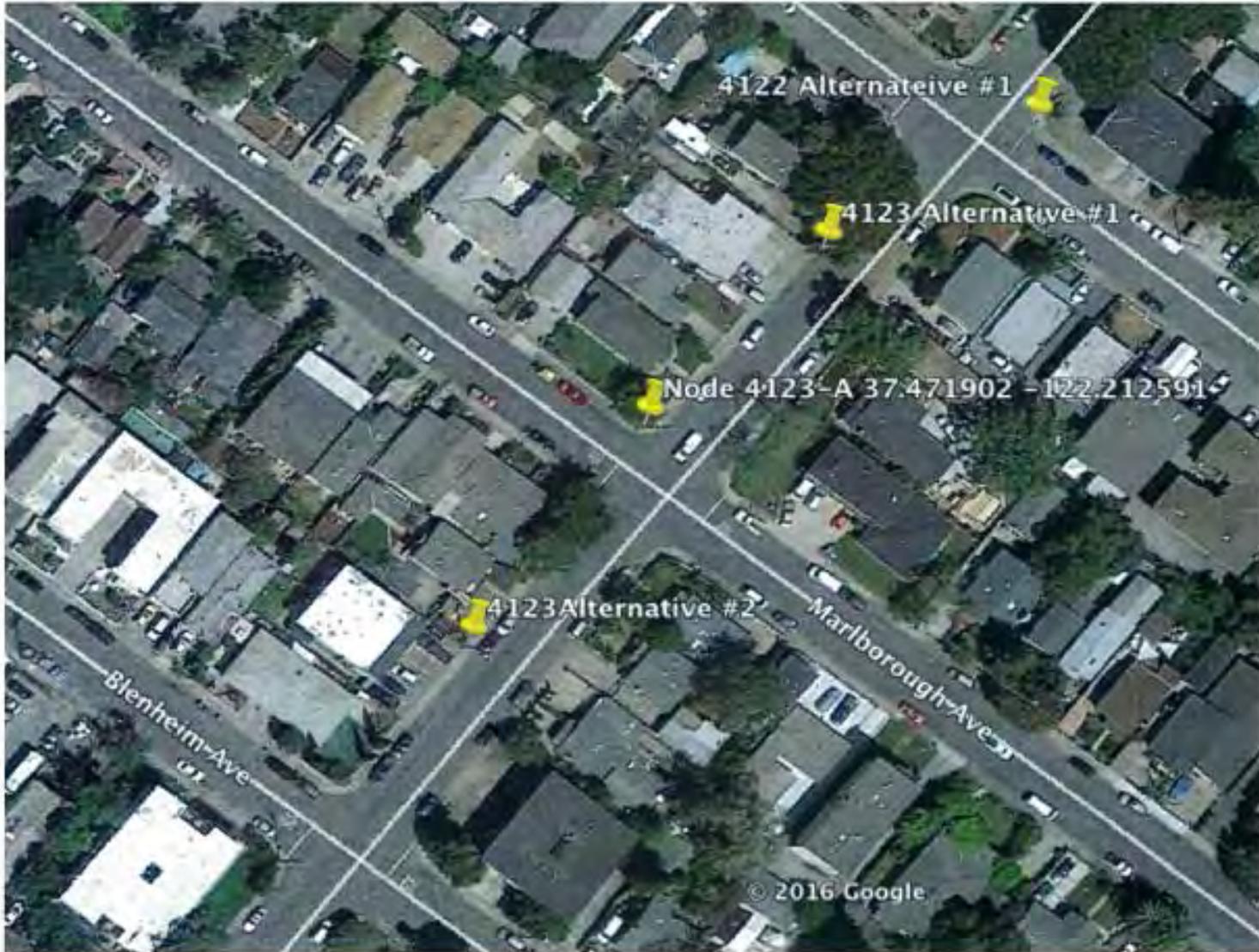
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Owner/Applicant: \_\_\_\_\_

Attachment: \_\_\_\_\_

File Numbers: \_\_\_\_\_

# Alternative Overview



## ***San Mateo County North Fair Oaks Community Council Meeting***

Owner/Applicant: \_\_\_\_\_

Attachment: \_\_\_\_\_

File Numbers: \_\_\_\_\_

# Alternative Utility Poles

Alternate Pole NORTH #1- Proposed design will not comply with GO 95 regulations



Alternate Pole SOUTH #2- Viable Candidate



*GUb'A UHc '7 ci bhmBcfh ' : Ujf'CU\_g'7ca a i b]hm7 ci bWj'A YHj[b[*

Owner/Applicant: \_\_\_\_\_

Attachment: \_\_\_\_\_

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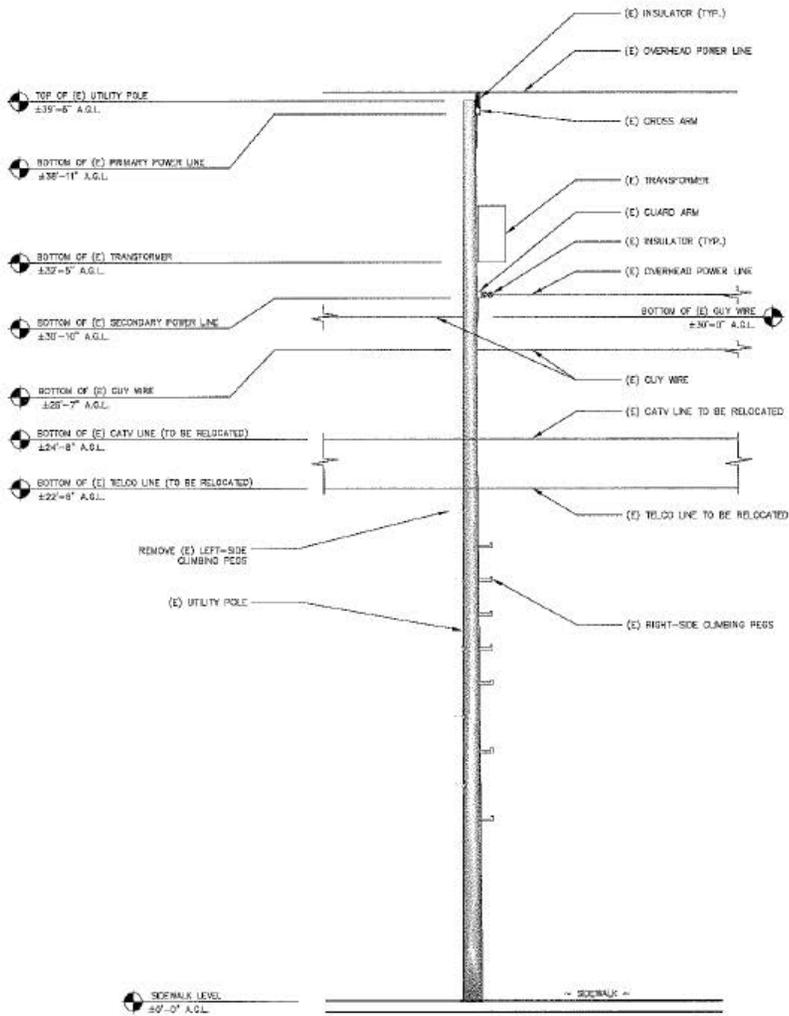


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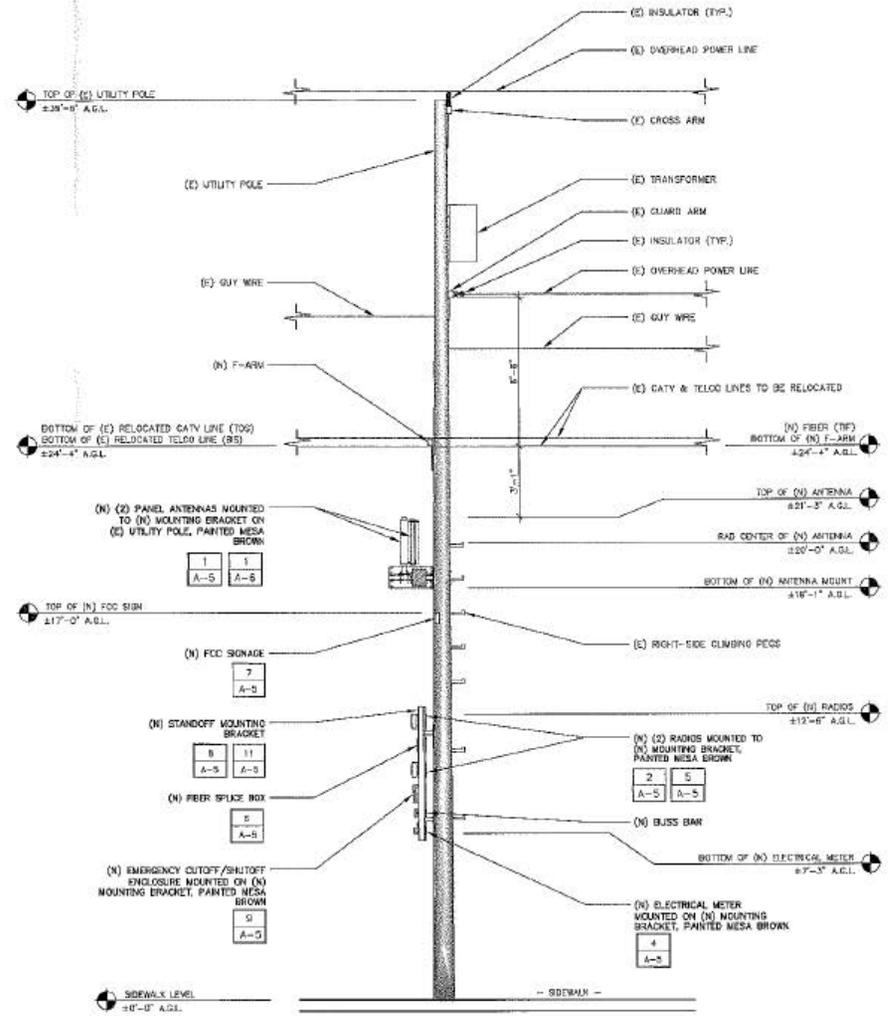
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Attachment: \_\_\_\_\_

File Numbers: \_\_\_\_\_



1 EXISTING SOUTHWEST ELEVATION



2 PROPOSED SOUTHWEST ELEVATION



**Glub'A UHyc'7 ci bhmBcfh : Ujf'CU\_g'7 ca a i b]hm'7 ci bWj'A YHjb[**

Owner/Applicant:

Attachment:

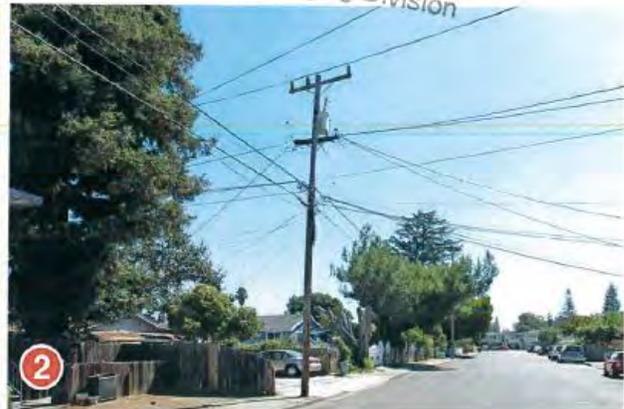
File Numbers:

PLN2016-00510

RECEIVED

NOV 30 2016

San Mateo County  
Planning Division



NW-CA-SANFRNMC- 04122A

Aerial Map

11/14/16

IFO 2823 Devonshire Avenue Redwood City, CA

Applied Imagination 510 914-0500

**GUb'A UHc '7 ci bhmBcfH : Ujf'CU\_g'7 ca a i b]mi7 ci bWj'A YHjb[**

Owner/Applicant:

Attachment:

File Numbers:



Existing



proposed antennas

Proposed



NW-CA-SANFRNMC- 04122A

Looking Southeast from Devonshire Avenue

11/14/16

IFO 2823 Devonshire Avenue Redwood City, CA

View #2

Applied Imagination 510 914-0500

**Gub'A UYc '7 ci bhmBcfH : Ujf'CU\_g'7ca a i b]mi7 ci bWj'A YHjb[**

Owner/Applicant:

Attachment:

File Numbers:



Existing



Proposed



NW-CA-SANFRNMC- 04122A

Looking Northwest from Devonshire Avenue

11/14/16

IFO 2823 Devonshire Avenue Redwood City, CA

View #1

Applied Imagination 510 914-0500

**GUb'A UHc '7 ci bhmBcfH : Ujf'CU\_g'7ca a i b]mi7 ci bWj'A YHjb[**

Owner/Applicant:

Attachment:

File Numbers:

# Alternative Overview



*GUb'A UHyc '7 ci blmiBcfH : Ujf'CU\_g'7ca a i b]hm7 ci bWj'A YHjb[*

Owner/Applicant: \_\_\_\_\_

Attachment: \_\_\_\_\_

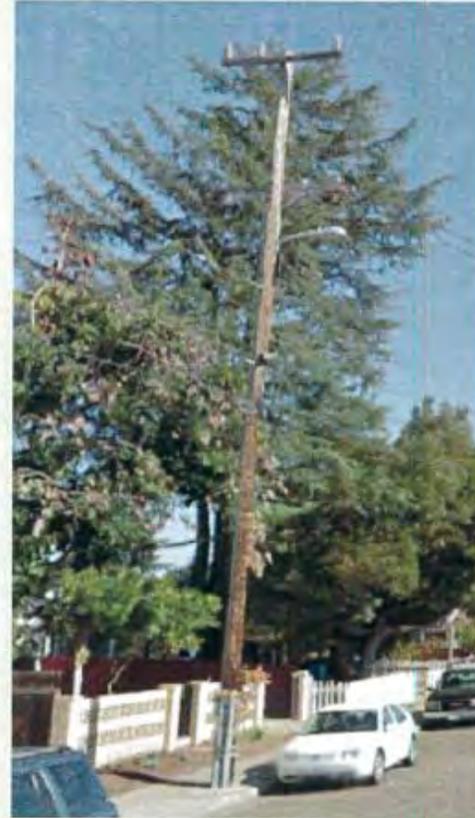
File Numbers: \_\_\_\_\_

# Alternative Utility Poles

Alternate Pole West #1- Pole would not be GO 95 compliant with proposed design added



Alternate Pole East #2- Structurally the pole would have to be replaced to place equipment on pole.



*GUb`A UHc`7 ci blmBcfH` : Ujf`CU\_g`7ca a i b]hm7 ci bWj`A YHjb[*

Owner/Applicant: \_\_\_\_\_

Attachment: \_\_\_\_\_

File Numbers: \_\_\_\_\_



*GUb`A UHc`7 ci blmBcfH : Ujf`CU\_g`7ca a i b]hm7 ci bWj`A YYh[b[*

Owner/Applicant: \_\_\_\_\_

Attachment: \_\_\_\_\_

File Numbers: \_\_\_\_\_





NW-CA-SANFRNMC- 04120A

Aerial Map

IFO 2753 Devonshire Avenue Redwood City, CA

11/14/16

Applied Imagination 510 914-0500

**Gub'A UYc '7 ci bhmBcfh : Ujf'CU\_g'7ca a i b]mi7 ci bWj'A YHjb[**

Owner/Applicant:

Attachment:

File Numbers:



NW-CA-SANFRNMC- 04120A

Looking East from Devonshire Avenue

IFO 2753 Devonshire Avenue Redwood City, CA

View #1

11/14/16

Applied Imagination 510 914-0500

**GUb`A UhYc`7 ci bhmBcfH : Ujf`CU\_g`7 ca a i b]hm7 ci bWj`A YHjb[**

Owner/Applicant:

Attachment:

File Numbers:



Existing



proposed antenna

Proposed



NW-CA-SANFRNMC- 04120A

Looking Northwest from Devonshire Avenue

IFO 2753 Devonshire Avenue Redwood City, CA

View #2

11/14/16

Applied Imagination 510 914-0500

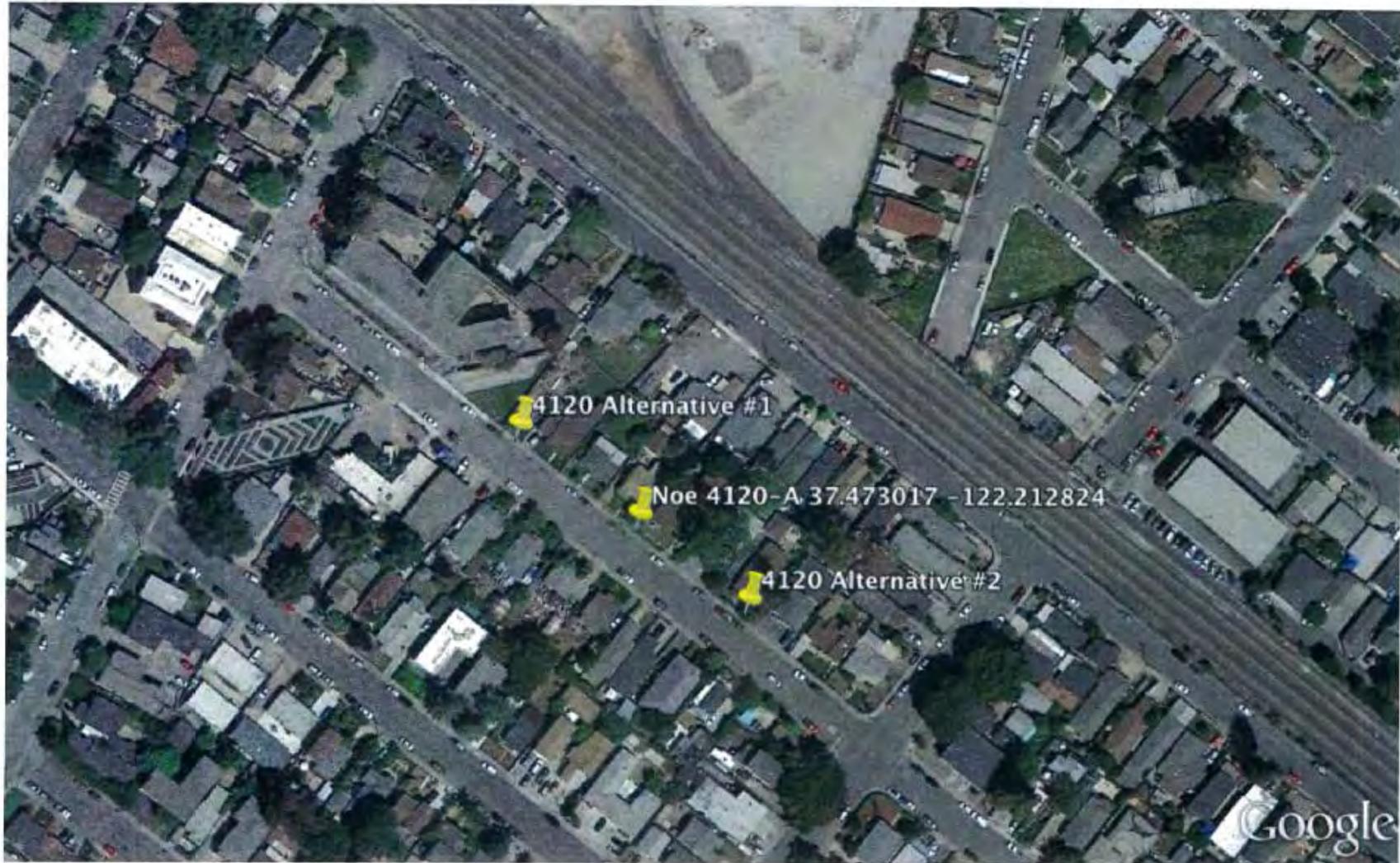
**Gub'A UHc '7 ci bhmBcfH : Ujf'CU\_g'7 ca a i b]mi7 ci bWj'A YHjb[**

Owner/Applicant:

Attachment:

File Numbers:

# Alternative Overview



*GUb'A UHc '7 ci blmBcfh : Ujf'CU\_g'7ca a i b]hm'7 ci bW' A YH]b[*

Owner/Applicant:

Attachment:

File Numbers:

# Alternative Utility Poles

Alternate Pole NORTH #1- Possible Candidate



Alternate Pole SOUTH #2- Possible Candidate



*GUb'A UHc '7 ci blmBcfH : Ujf'CU\_g'7 ca a i b]hm7 ci bW' A YH]b[*

Owner/Applicant: \_\_\_\_\_

Attachment: \_\_\_\_\_

File Numbers: \_\_\_\_\_

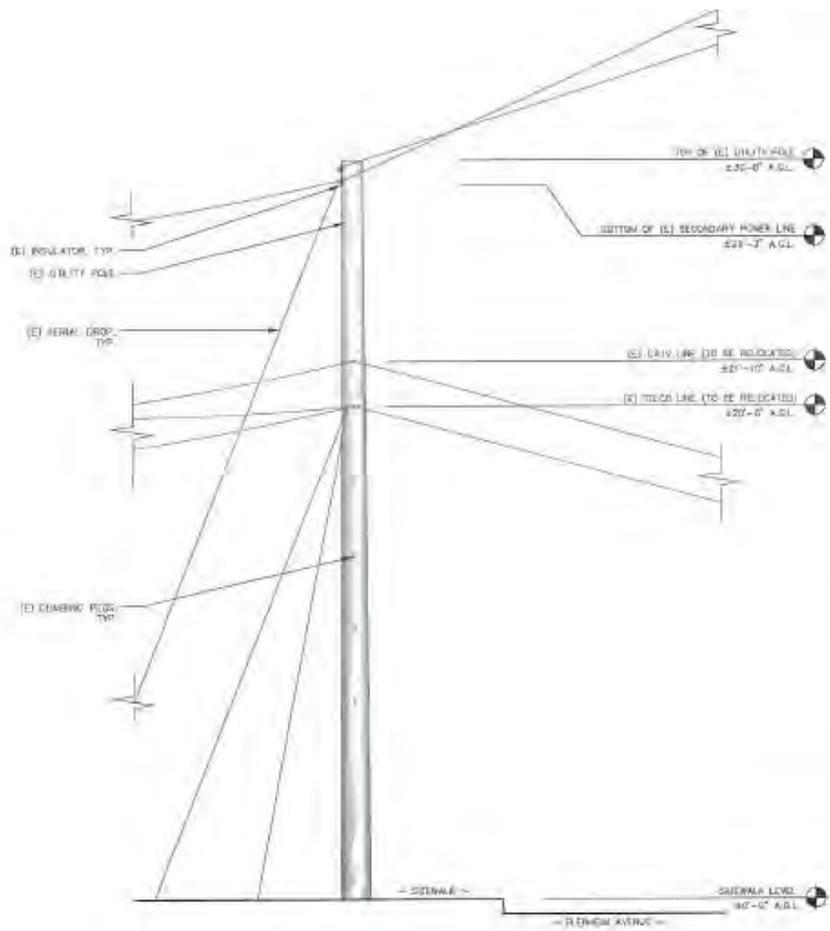


*GUb`A UHyc`7 ci bhmBcfH` : Ujf`CU\_g`7 ca a i b]hm7 ci bWj`A YH]b[*

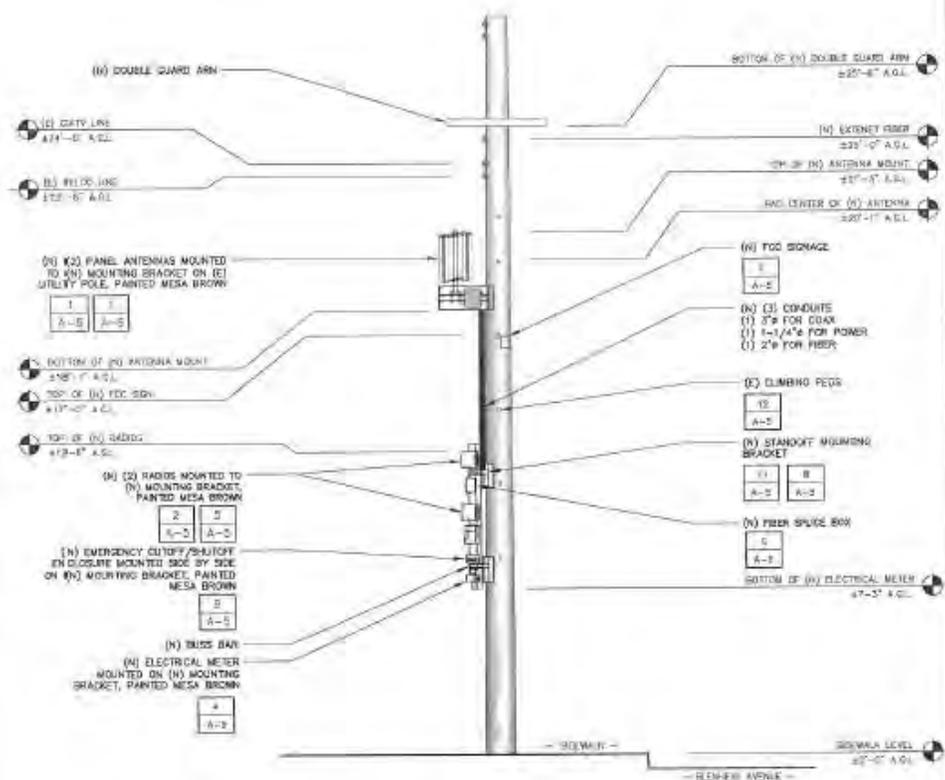
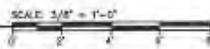
Owner/Applicant: \_\_\_\_\_

Attachment: \_\_\_\_\_

File Numbers: \_\_\_\_\_



1 EXISTING WEST ELEVATION



2 PROPOSED WEST ELEVATION



*GUb'A UHyc'7 ci bhmBcfh : Uj'CU\_g'7 ca a i b]hm'7 ci bW' A YH]b[*

Owner/Applicant:

Attachment:

File Numbers:



NW-CA-SANFRNMC- 04124A

Aerial Map

IFO 2797 Blenheim Avenue Redwood City, CA

11/14/16

Applied Imaginon 510 914-0500

**Gub'A UHc '7 ci bhmBcfH : Ujf'CU\_g'7ca a i b]mi7 ci bWj'A YHjb[**

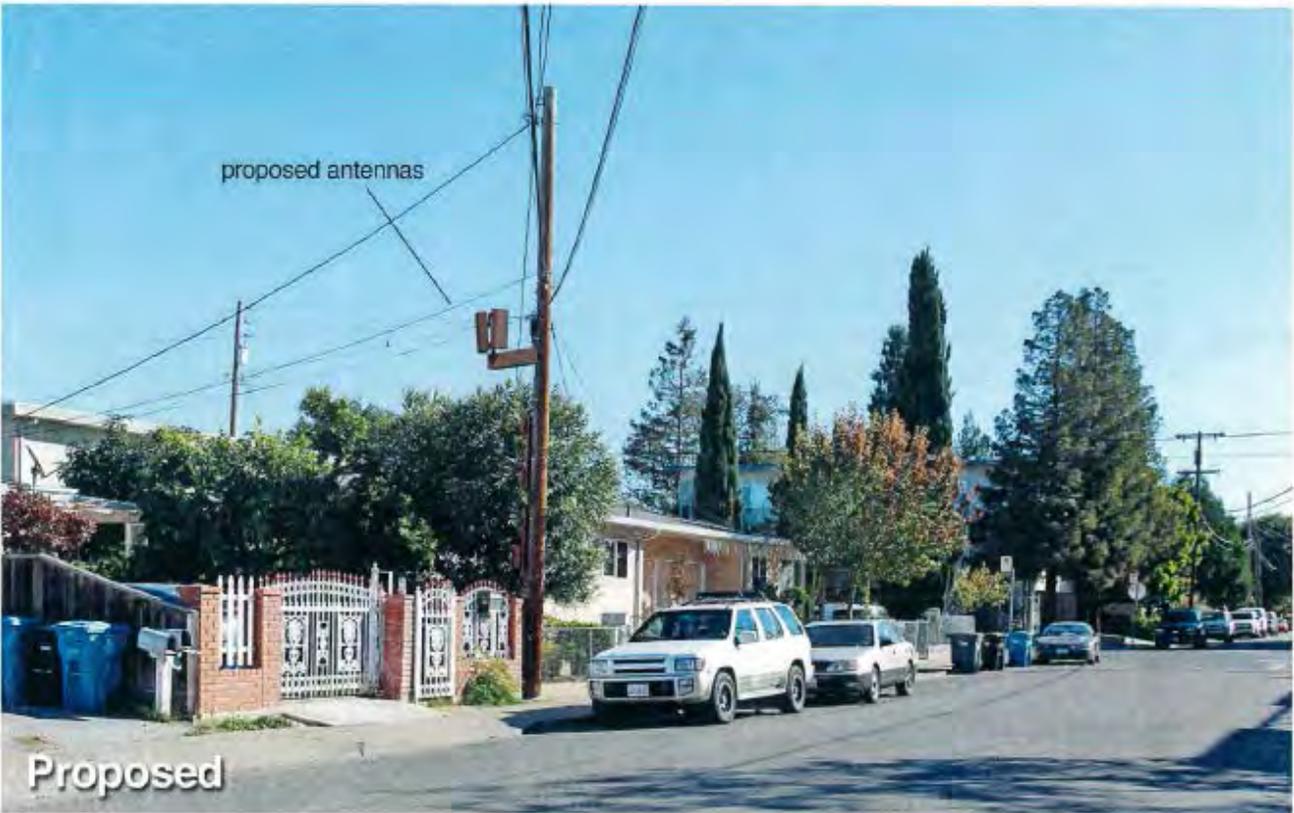
Owner/Applicant: \_\_\_\_\_

Attachment: \_\_\_\_\_

File Numbers: \_\_\_\_\_



Existing



proposed antennas

Proposed



NW-CA-SANFRNMC- 04124A

Looking East from Blenheim Avenue

IFO 2797 Blenheim Avenue Redwood City, CA

View #1

11/14/16

Applied Imagination 510 914-0500

**Gub'A UHc '7 ci bhmBcfH : Ujf'CU\_g'7ca a i b]mi7 ci bWj'A YHjb[**

Owner/Applicant:

Attachment:

File Numbers:



Existing



Proposed

proposed antennas



NW-CA-SANFRNMC-04124A

Looking Northwest from Blenheim Avenue

11/14/16

IFO 2797 Blenheim Avenue Redwood City, CA

View #2

Applied Imagination 510 514-0500

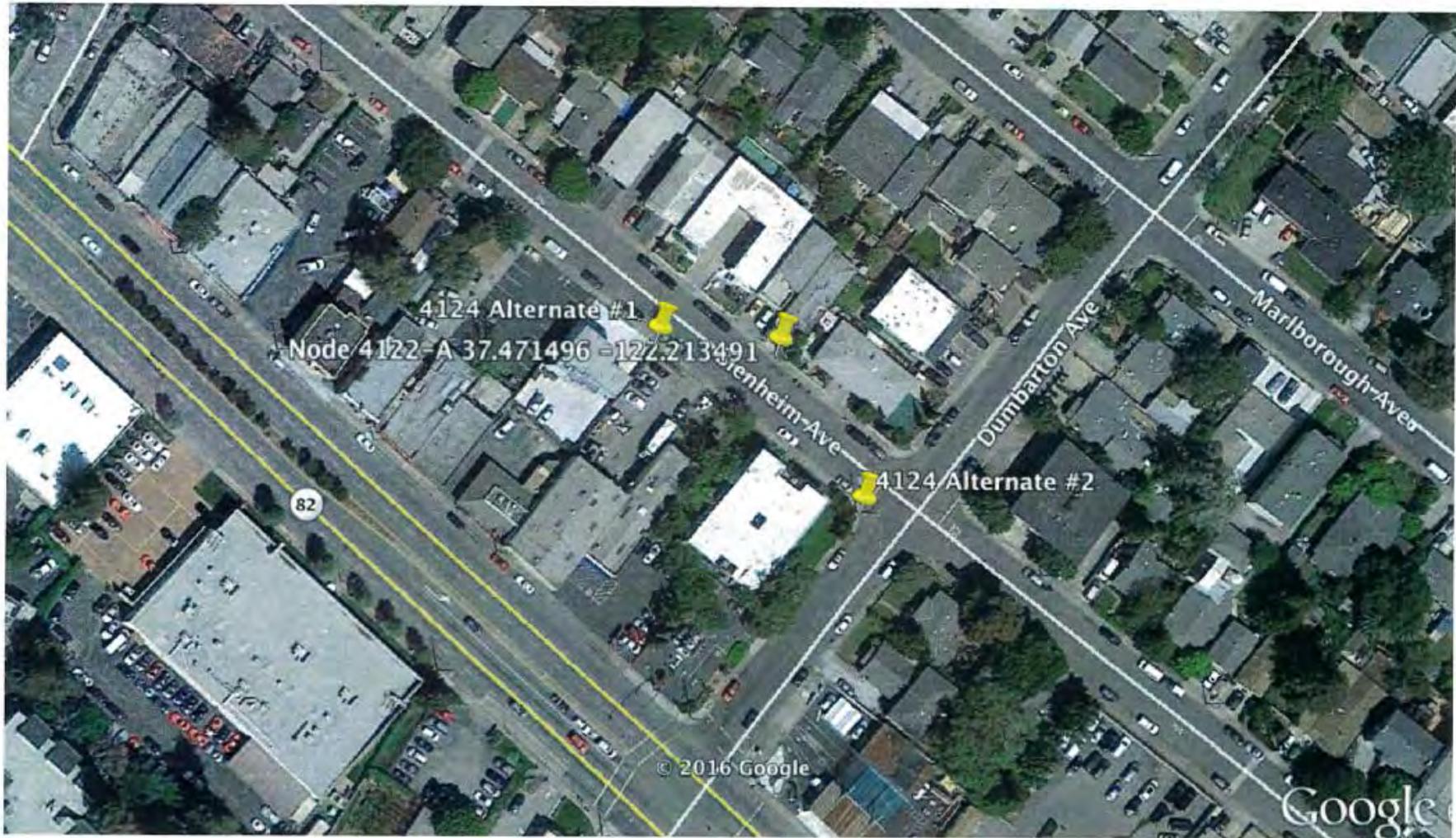
**Gub'A UYc '7 ci bhmBcfH : Ujf'CU\_g'7ca a i b]mi7 ci bWj'A YHjb[**

Owner/Applicant:

Attachment:

File Numbers:

# Alternative Overview



*GUb'A UHyc '7 ci blmBcfH : Ujf'CU\_g'7ca a i b]hm7 ci bWj'A YHjb[*

Owner/Applicant: \_\_\_\_\_

Attachment: \_\_\_\_\_

File Numbers: \_\_\_\_\_

# Alternative Utility Poles

Alternate Pole WEST #1-Proposed design will not be GO95 compliant



Alternate Pole EAST #2- Proposed design will not be GO95 compliant



*GUb'A UHc '7 ci bhmBcfh : Ujf'CU\_g'7ca a i b]hm7 ci bW' A YH]b[*

Owner/Applicant: \_\_\_\_\_

Attachment: \_\_\_\_\_

File Numbers: \_\_\_\_\_



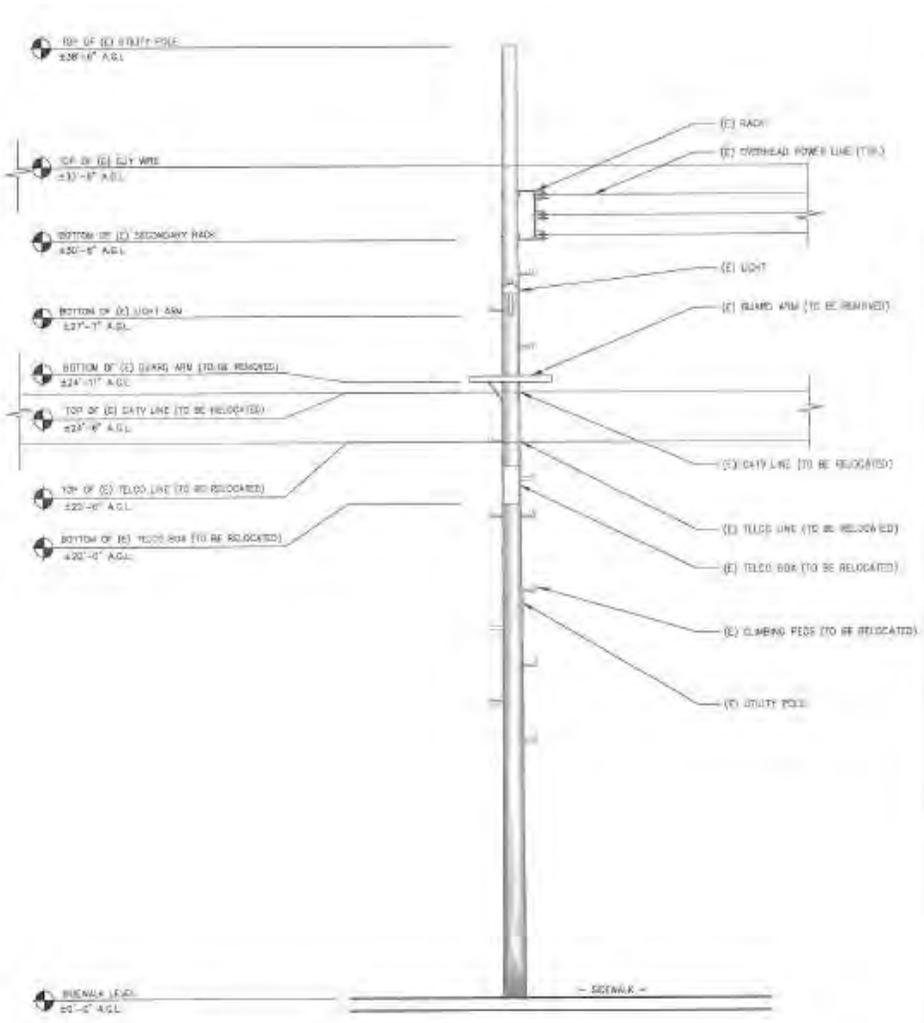
**VICINITY MAP**

*GUb`A UHyc`7 ci bhmBcfh` : Ujf`CU\_g`7ca a i b]hm7 ci bWj`A YH]b[*

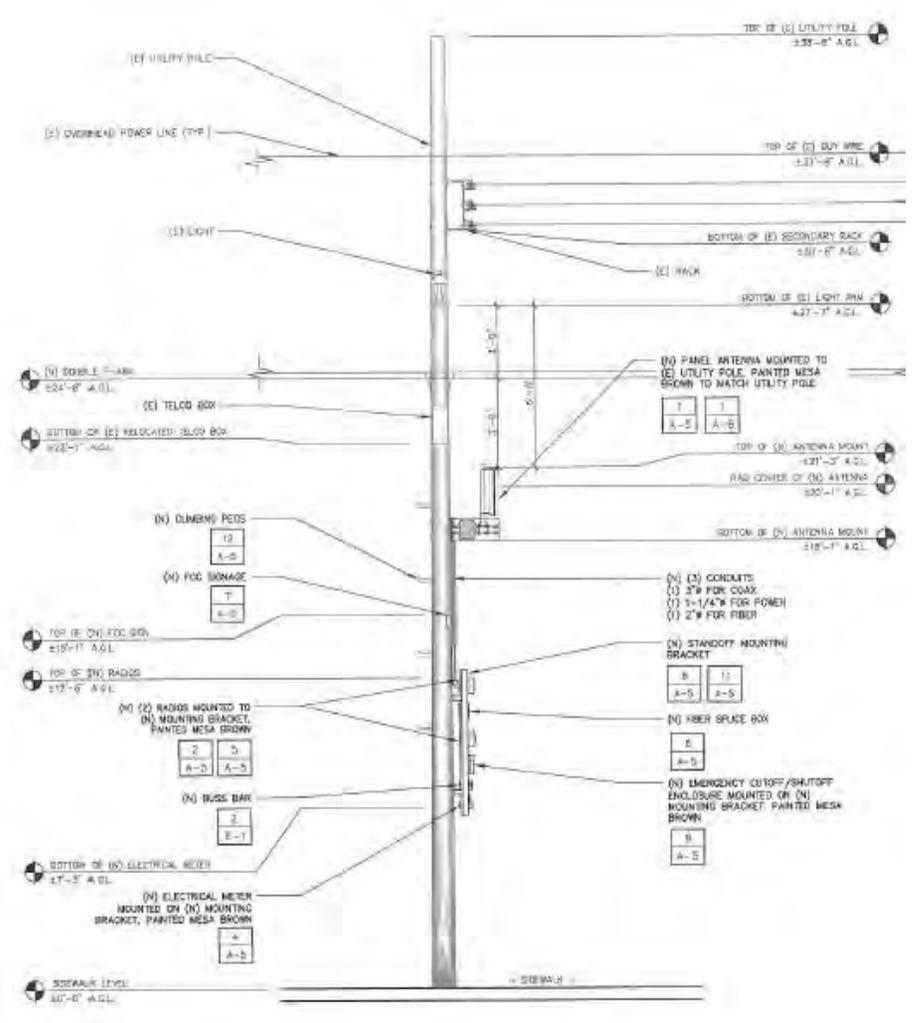
Owner/Applicant: \_\_\_\_\_

Attachment: \_\_\_\_\_

File Numbers: \_\_\_\_\_



**1** EXISTING NORTHEAST ELEVATION SCALE: 3/8" = 1'-0"



**2** PROPOSED NORTHEAST ELEVATION SCALE: 3/8" = 1'-0"

**Gub'A UYc'7 ci bhmBcfh : Uj'CU\_g'7 ca a i b]hm'7 ci bW'A YH]b[**

Owner/Applicant:

Attachment:

File Numbers:



NW-CA-SANFRNMC- 04129A

Aerial Map

11/14/16

2760 Marlborough Avenue Redwood City, CA

Applied Imagination 510 914-0500

***Gub'A UYc '7 ci bhmBcfH : Uj'CU\_g'7 ca a i b]mi7 ci bW' A YH]b[***

Owner/Applicant:

Attachment:

File Numbers:



11/14/16

NW-CA-SANFRNMC- 04129A

2760 Marlborough Avenue Redwood City, CA

Looking West from Marlborough Avenue

View #1

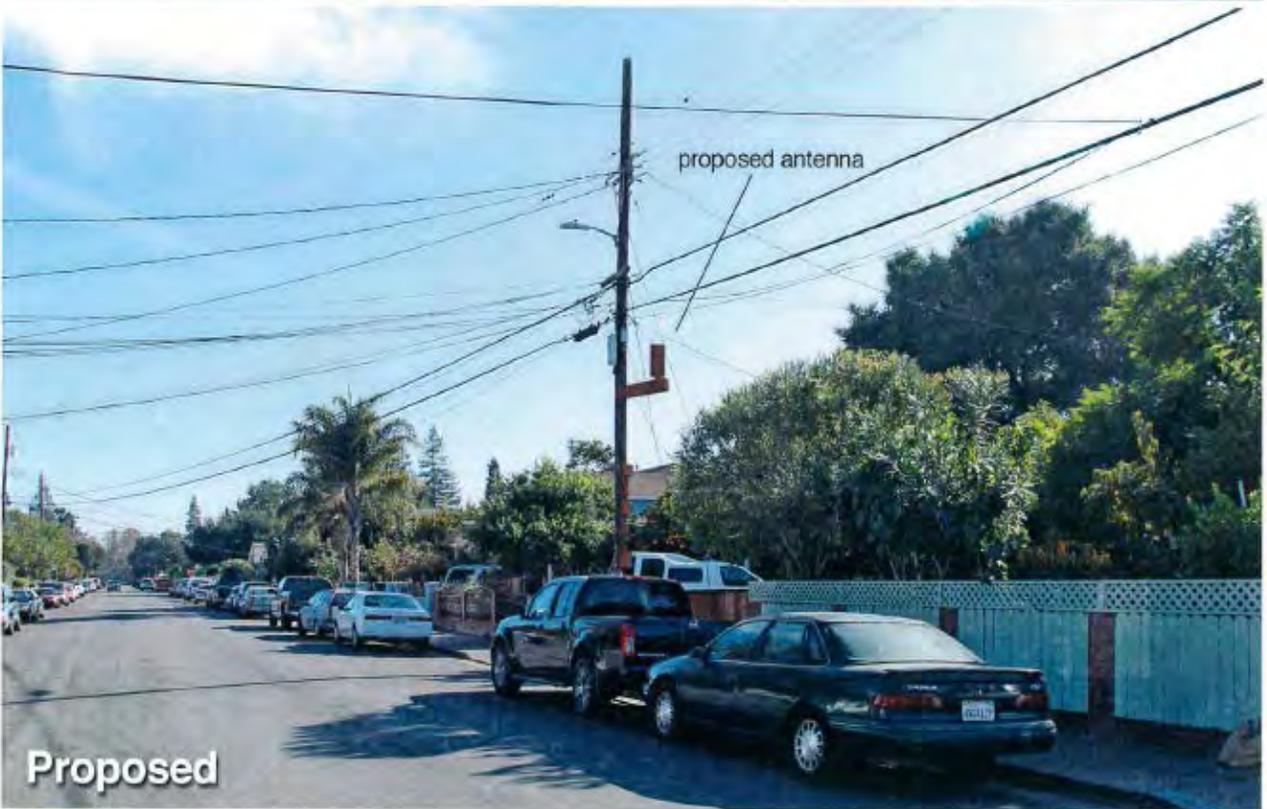
Applied Imagination 510 914-0500

**Gub'A UYc '7 ci bhmBcfH : Ujf'CU\_g'7ca a i b]mi7 ci bWj'A YHjb[**

Owner/Applicant:

Attachment:

File Numbers:



NW-CA-SANFRNMC- 04129A

Looking Southeast from Marlborough Avenue

11/14/16

2760 Marlborough Avenue Redwood City, CA

View #2

Applied Imagination 510 914-0500

**Gub'A UYc '7 ci bhmBcfH : Ujf'CU\_g'7 ca a i b]mi7 ci bWj'A YHjb[**

Owner/Applicant:

Attachment:

File Numbers:

# Alternative Overview



*GUb'A UHc '7 ci bhmBcfH : Ujf'CU\_g'7ca a i b]hm'7 ci bW' A YH]b[*

Owner/Applicant: \_\_\_\_\_

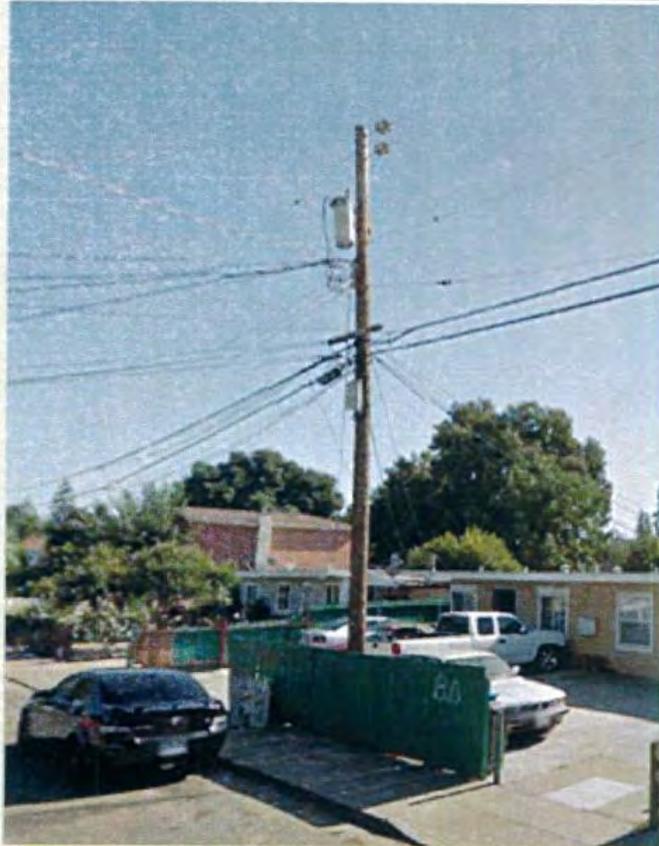
Attachment: \_\_\_\_\_

File Numbers: \_\_\_\_\_

# Alternative Utility Poles

Alternate Pole West #1- Proposed design cannot be implemented on this pole, within GO95 regulations

Alternate Pole East #2- Proposed design cannot be implemented on this pole, within GO95 regulations



*GUb`A UHc`7 ci blmBcfH : Ujf`CU\_g`7ca a i b]hm7 ci bWj`A YYhb[*

Owner/Applicant: \_\_\_\_\_

Attachment: \_\_\_\_\_

File Numbers: \_\_\_\_\_