



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: Nine 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) 668 4th Avenue, (2) 600 Oakside Avenue, (3) 2949 Edison Way, (4) 617 3rd Avenue, (5) 650 2nd Avenue, (6) 599 4th Avenue, (7) 718 5th Avenue, (8) 3017 Fair Oaks Avenue, and (9) 612 5th Avenue, in the unincorporated North Fair Oaks area of San Mateo County.

County File Numbers:

ITEM 1	PLN 2016-00502
ITEM 2	PLN 2016-00503
ITEM 3	PLN 2016-00504
ITEM 4	PLN 2016-00505
ITEM 5	PLN 2016-00506
ITEM 6	PLN 2016-00507
ITEM 7	PLN 2016-00508
ITEM 8	PLN 2016-00531
ITEM 9	PLN 2016-00532

RECOMMENDATION:

That the North Fair Oaks Community Council provide a recommendation to the Zoning Hearing Officer on the nine 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) 668 4th Avenue, (2) 600 Oakside Avenue, (3) 2949 Edison Way, (4) 617 3rd Avenue, (5) 650 2nd Avenue, (6) 599 4th Avenue, (7) 718 5th Avenue, (8) 3017 Fair Oaks Avenue, and (9) 612 5th Avenue, in the unincorporated North Fair Oaks area. The new facilities will consist of one new support arm, located at a maximum height of 34 feet 6 inches above grade, one to two panel antennas, located at a maximum height of 21 feet 4 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 height allowed in each zoning district ranges from 28 feet to 37 feet in height from the existing grade.

ExteNet is also currently proposing another five sites, north of Dumbarton Avenue between the railroad tracks and Highway 82, of near identical description (File Nos. PLN 2016-00509 through PLN 2016-00513). Although “bundled” under a separate staff report, these sites will be considered by the North Fair Oaks Community 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

Item 1 - County File Number: PLN 2016-00502	
Location	Public Right-of-Way in front of 668 4 th Avenue, North Fair Oaks
APN	Public Right-of-Way adjacent to 060-034-110
Existing Zoning	R-1/S-73 (Single-Family Residential/Minimum Lot Size 5,000 sq. ft.)
General Plan Designation	Urban Single-Family Residential (15 du/ac to 24 du/ac)
Flood Zone	Zone X (area of minimal flood risk); FEMA Panel No. 06081C 0301E; effective October 2012

Item 2 - County File Number: PLN 2016-00503	
Location	Public Right-of-Way in front 600 Oakside Avenue , North Fair Oaks
APN	Public Right-of-Way adjacent to 054-251-310
Existing Zoning	R-3/S-3 (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

Item 3 - County File Number: PLN 2016-00504	
Location	Public Right-of-Way in front 2494 Edison Way , North Fair Oaks
APN	Public Right-of-Way adjacent to 060-041-110
Existing Zoning	M-1/NFO (Light Industrial/Minimum Lot Size 10,000 sq. ft.)
General Plan Designation	Urban Commercial Mixed Use
Flood Zone	Zone X (area of minimal flood risk); FEMA Panel No. 06081C 0302E; effective October 2012

Item 4 - County File Number: PLN 2016-00505	
Location	Public Right-of-Way in front 617 3 rd Avenue , North Fair Oaks
APN	Public Right-of-Way adjacent to 060-032-130
Existing Zoning	R-1/S-73 (Single-Family Residential/Minimum Lot Size 5,000 sq. ft.)
General Plan Designation	Urban Single-Family Residential (15 du/ac to 24 du/ac)
Flood Zone	Zone X (area of minimal flood risk); FEMA Panel No. 06081C 0302E; effective October 2012

Item 5 - County File Number: PLN 2016-00506	
Location	Public Right-of-Way in front 650 2 nd Avenue , North Fair Oaks
APN	Public Right-of-Way adjacent to 060-032-230
Existing Zoning	R-1/S-73 (Single-Family Residential/Minimum Lot Size 5,000 sq. ft.)
General Plan Designation	Urban Single-Family Residential (15 du/ac to 24 du/ac)
Flood Zone	Zone X (area of minimal flood risk); FEMA Panel No. 06081C 0302E; effective October 2012

Item 6 - County File Number: PLN 2016-00507	
Location	Public Right-of-Way in front 599 4 th Avenue , North Fair Oaks
APN	Public Right-of-Way adjacent to 060-057-010
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

Item 7 - County File Number: PLN 2016-00508	
Location	Public Right-of-Way in front 718 5 th Avenue , North Fair Oaks
APN	Public Right-of-Way adjacent to 060-015-150
Existing Zoning	R-1/S-73 (Single-Family Residential/Minimum Lot Size 5,000 sq. ft.)
General Plan Designation	Urban Single-Family Residential (15 du/ac to 24 du/ac)
Flood Zone	Zone X (area of minimal flood risk); FEMA Panel No. 06081C 0302E; effective October 2012

Item 8 - County File Number: PLN 2016-00531	
Location	Public Right-of-Way in front 3017 Fair Oaks Avenue , North Fair Oaks
APN	Public Right-of-Way adjacent to 060-012-310
Existing Zoning	R-1/S-73 (Single-Family Residential/Minimum Lot Size 5,000 sq. ft.)
General Plan Designation	Urban Single-Family Residential (15 du/ac to 24 du/ac)
Flood Zone	Zone X (area of minimal flood risk); FEMA Panel No. 06081C 0302E; effective October 2012

Item 9 - File Number: PLN 2016-00532	
Location	Public Right-of-Way in front 612 5 th Avenue , North Fair Oaks
APN	Public Right-of-Way adjacent to 060-035-060
Existing Zoning	R-1/S-73 (Single-Family Residential/Minimum Lot Size 5,000 sq. ft.)
General Plan Designation	Urban Single-Family Residential (15 du/ac to 24 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 east of Middlefield Road and south of Fair Oaks Elementary School in the unincorporated North Fair Oaks area. The surrounding area is a mix of single-family, multifamily residential, and urban commercial mixed use neighborhoods.

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 Officer 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 R-1, R-3, and M-1 Zoning Districts 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-1/S-73, R-3/S-3, R-3/S-5, and M-1/NFO 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-1/S-73 Zoning District is 28 feet; the maximum height allowed in the R-3/S-3 and R-3/S-5 Zoning Districts is 36 feet; and the maximum height allowed in the M-1/NFO Zoning District is 37 feet. The proposed projects consist of a new support arm, one to two antennas, and four equipment boxes. At 34 feet 6 inches, one support arm (Item 9) will exceed the R-1/S-73 Zoning District height limit of 28 feet. Though this support arm will exceed the height limit of the R-1/S-73 Zoning District, it is not in conflict with the height regulations because the support arm is only relocating pre-existing cables that will be displaced due to the location of the proposed antenna(s). No new proposed cables or supporting wires exceed the height limits for their applicable zoning districts. The proposed antenna(s) located at 18 feet 1 inch to 21 feet 3 inches above grade, and four equipment boxes located 7 to 12 feet above grade, fall below the maximum height allowed in the R-1/S-73, R-3/S-3 and R-3/S-5 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 2016-00502	R-1/S-73	28 feet	23'-6"	21'-3"
ITEM 2	PLN 2016-00503	R-3/S-3	36 feet	23'-10"	21'-3"
ITEM 3	PLN 2016-00504	M-1/NFO	37 feet	23'-10"	21'-3"
ITEM 4	PLN 2016-00505	R-1/S-73	28 feet	26'-6"	21'-3"
ITEM 5	PLN 2016-00506	R-1/S-73	28 feet	24'-5"	21'-3"
ITEM 6	PLN 2016-00507	R-3/S-5	36 feet	23'-6"	21'-3"
ITEM 7	PLN 2016-00508	R-1/S-73	28 feet	23'-6"	21'-3"
ITEM 8	PLN 2016-00531	R-1/S-73	28 feet	21'-0"	21'-0"
ITEM 9	PLN 2016-00532	R-1/S-73	28 feet	34'-6"	21'-4"

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-1/S-73, R-3/S-3, R-3/S-5, and M-1/NFO Zoning District standards. These facilities consist of one new support arm, one to two panel antennas, and four equipment boxes. With the exception of Item 9, the new facilities will not exceed the maximum building height of the R-1/S-73, R-3/S-5, R-3/S-5, and M-1/NFO (28 feet, 36 feet, 36 feet, and 37 feet respectively) 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 to reduce visual impacts and blend in with the existing equipment and utility poles.

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 1.0% to 5.8% 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 District	Ground Floor Radio Frequency Exposure	Send Floor Radio Frequency Exposure	Number of Viable Alternatives	Number of Proposed Antenna
ITEM 1	PLN 2016-00502	R-1/S-73	0.83%	3.0%	1	1
ITEM 2	PLN 2016-00503	R-3/S-3	0.83%	4.0%	1	1
ITEM 3	PLN 2016-00504	M-1/NFO	0.47%	1.0%	1	2
ITEM 4	PLN 2016-00505	R-1/S-73	0.83%	5.8%	0	1
ITEM 5	PLN 2016-00506	R-1/S-73	0.83%	2.1%	2	1
ITEM 6	PLN 2016-00507	R-3/S-5	0.83%	2.1%	1	1
ITEM 7	PLN 2016-00508	R-1/S-73	0.83%	3.9%	0	1
ITEM 8	PLN 2016-00531	R-1/S-73	0.47%	4.4%	0	2
ITEM 9	PLN 2016-00532	R-1/S-73	0.47%	1.1%	1	2

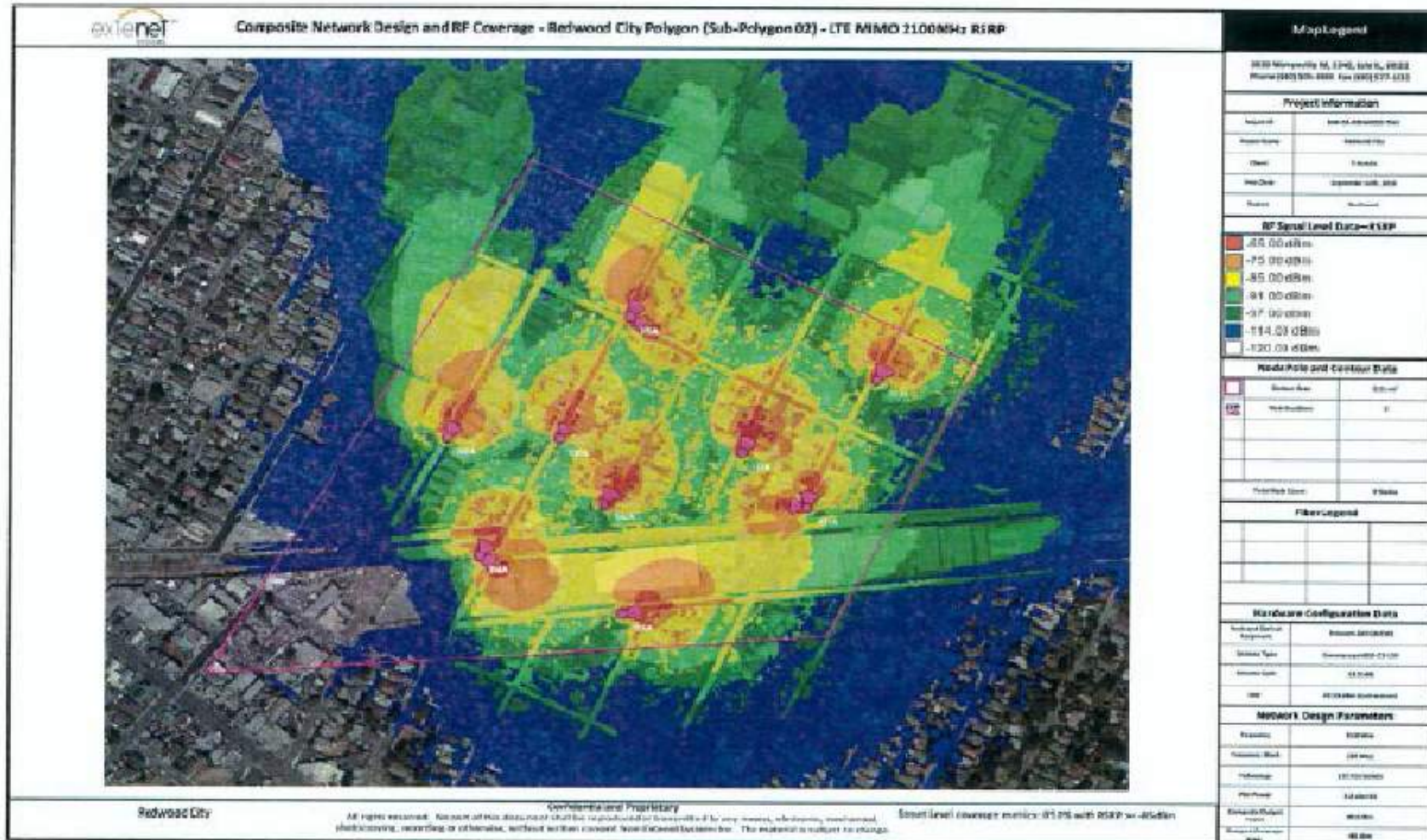
The applicant has identified existing monopole, rooftop, and tower alternative locations within a 2.5-mile radius and has demonstrated that these locations are not viable co-location alternatives due to their location outside of the proposed small cell network. To provide the needed increase in wireless 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 17 joint utility poles matched this criteria and were identified as possible alternatives. Ten out of the 17 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. 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.-G9. Vicinity Maps
- H1-H9. Project Plans
- I1.-I9. Photo Simulations
- J1.-J9. 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°29'19.80"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:

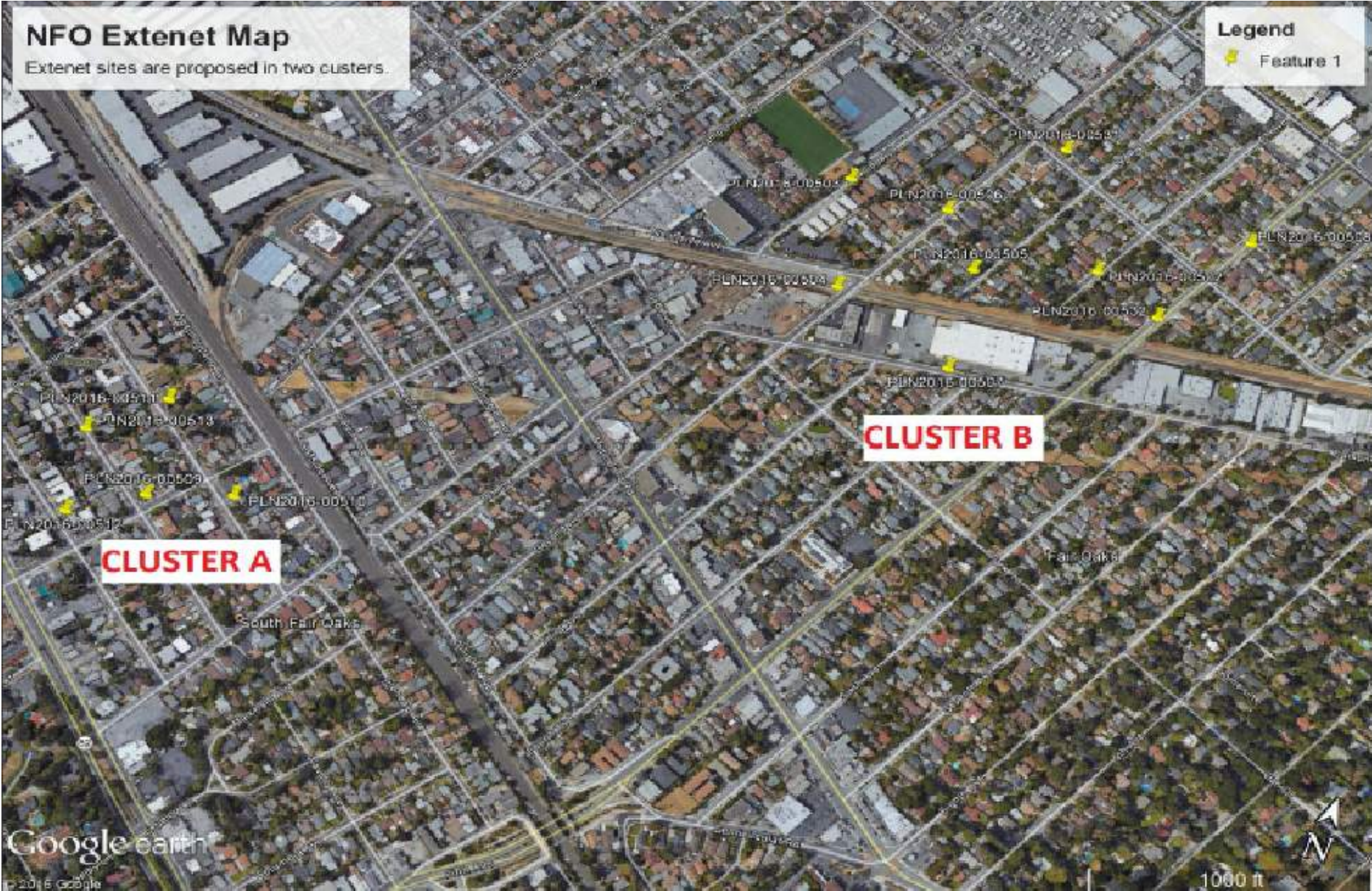


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Owner/Applicant: _____

Attachment: _____

File Numbers: _____

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 2016-00502	668 4 th Avenue	R-1/S-73	28 feet	23'-6"	0.83%	3.0%
ITEM 2	PLN 2016-00503	600 <u>Oakside</u> Avenue	R-3/S-3	36 feet	23'-10"	0.83%	4.0%
ITEM 3	PLN 2016-00504	2949 Edison Way	M-1/NFO	37 feet	23'-10"	0.47%	1.0%
ITEM 4	PLN 2016-00505	617 3 rd Avenue	R-1/S-73	28 feet	26'-6"	0.83%	5.8%
ITEM 5	PLN 2016-00506	650 2 nd Avenue	R-1/S-73	28 feet	24'-5"	0.83%	2.1%
ITEM 6	PLN 2016-00507	599 4 th Avenue	R-3/S-5	36 feet	23'-6"	0.83%	2.1%
ITEM 7	PLN 2016-00508	718 5 th Avenue	R-1/S-73	28 feet	23'-6"	0.83%	3.9%
ITEM 8	PLN 2016-00531	3017 Fair Oaks Avenue	R-1/S-73	28 feet	21'-0"	0.47%	4.4%
ITEM 9	PLN 2016-00532	612 5 th Avenue	R-1/S-73	28 feet	21'-4"	0.47%	1.1%

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Owner/Applicant: _____

Attachment: _____

File Numbers: _____

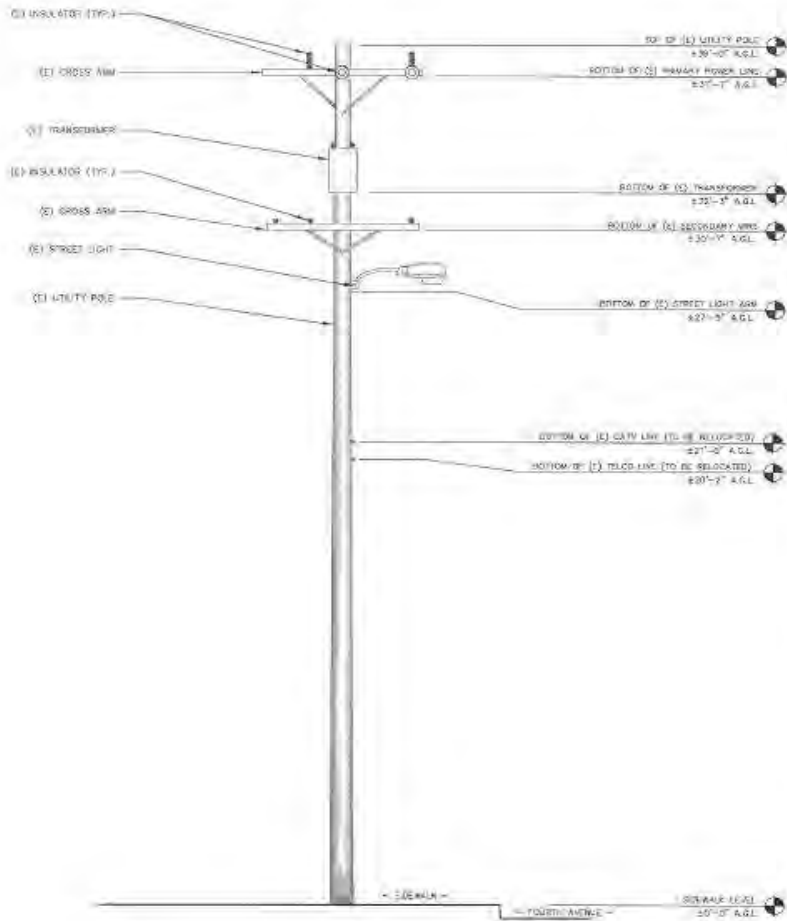


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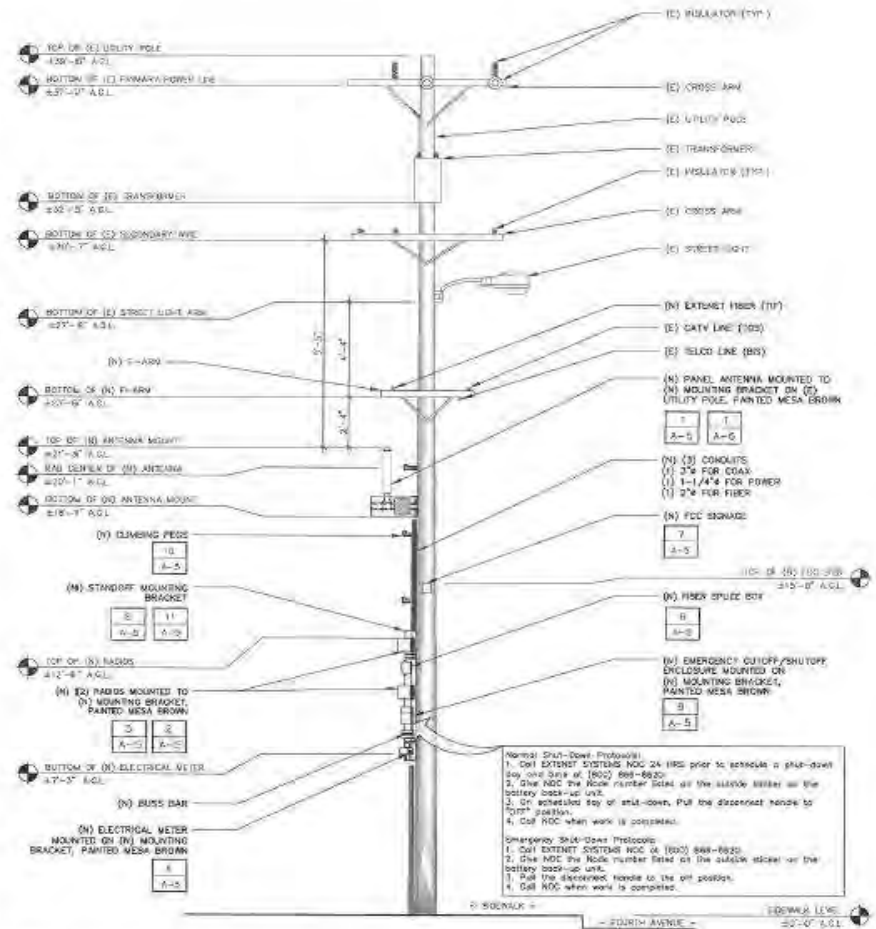
Owner/Applicant: _____

Attachment: _____

File Numbers: _____



1 EXISTING NORTHEAST ELEVATION



MAKE READY INFORMATION

1. EXTRACT CONTRACTOR TO REMOVE AND RELOCATE EXISTING ANTENNA AT 21'-0" AND EXTEND FIBER BRACKET TO RADIUS POSITION. THE CUT TO BE MADE AT 21'-0" AND ATTACH BOTTOM BRACKET TO RADIUS POSITION.
2. EXTRACT CONTRACTOR TO REMOVE EXISTING CATV TOWER WHICH IS 21'-0" AND AFFIX TO RADIUS POSITION - SEE LISTING.
3. EXTRACT CONTRACTOR TO PLACE NEW EXTEND FIBER TO NEW RADIUS AT 21'-0" AND ATTACH TO RADIUS POSITION - SEE LISTING.
4. EXTRACT CONTRACTOR TO PLACE BOTTOM OF NEW ANTENNA SUPPORT AND EXTENDING INTO STREET AT 11'-0".
5. EXTRACT CONTRACTOR TO INSTALL NEW ANTENNA AT 11'-0" NEW RIBCO BAR PER DESIGN.
6. EXTRACT CONTRACTOR TO PLACE NEW POSITION FIBER BAR AT 11'-0" POSITION WITH EXTEND FIBER BAR - SEE LISTING.
7. EXTRACT CONTRACTOR TO PLACE NEW 2" CONDUIT FIBER BAR AT 11'-0" POSITION FOR EXTEND FIBER BAR - SEE LISTING.
8. EXTRACT APPROVED ELECTRICAL CONTRACTOR TO PLACE NEW 2" CONDUIT FIBER BAR AT 11'-0" POSITION FOR POWER SERVICE FROM FIBER BAR TO NEW POWER METER.
9. EXTRACT CONTRACTOR TO CUT IN NEW 2" CONDUIT FIBER BAR TO NEW POWER METER.
10. EXTRACT CONTRACTOR TO PLACE NEW 2" CONDUIT FIBER BAR AT 11'-0" POSITION FOR EXTEND FIBER BAR - SEE LISTING.
11. EXTRACT CONTRACTOR TO PLACE NEW 2" CONDUIT FIBER BAR AT 11'-0" POSITION FOR EXTEND FIBER BAR - SEE LISTING.
12. EXTRACT CONTRACTOR TO PLACE NEW 2" CONDUIT FIBER BAR AT 11'-0" POSITION FOR EXTEND FIBER BAR - SEE LISTING.
13. EXTRACT CONTRACTOR TO PLACE NEW 2" CONDUIT FIBER BAR AT 11'-0" POSITION FOR EXTEND FIBER BAR - SEE LISTING.
14. EXTRACT CONTRACTOR TO PLACE NEW 2" CONDUIT FIBER BAR AT 11'-0" POSITION FOR EXTEND FIBER BAR - SEE LISTING.
15. EXTRACT CONTRACTOR TO PLACE NEW 2" CONDUIT FIBER BAR AT 11'-0" POSITION FOR EXTEND FIBER BAR - SEE LISTING.
16. EXTRACT CONTRACTOR TO PLACE NEW 2" CONDUIT FIBER BAR AT 11'-0" POSITION FOR EXTEND FIBER BAR - SEE LISTING.
17. EXTRACT CONTRACTOR TO PLACE NEW 2" CONDUIT FIBER BAR AT 11'-0" POSITION FOR EXTEND FIBER BAR - SEE LISTING.
18. EXTRACT CONTRACTOR TO PLACE NEW 2" CONDUIT FIBER BAR AT 11'-0" POSITION FOR EXTEND FIBER BAR - SEE LISTING.
19. EXTRACT CONTRACTOR TO PLACE NEW 2" CONDUIT FIBER BAR AT 11'-0" POSITION FOR EXTEND FIBER BAR - SEE LISTING.
20. EXTRACT CONTRACTOR TO PLACE NEW 2" CONDUIT FIBER BAR AT 11'-0" POSITION FOR EXTEND FIBER BAR - SEE LISTING.

2 PROPOSED NORTHEAST ELEVATION



San Mateo County North Fair Oaks Community Council Meeting

Owner/Applicant:

Attachment:

File Numbers:



NW-CA-SANFRNMC- 04113B

Aerial Map

11/14/16

IFO 688 Fourth Avenue Redwood City, CA

Applied Imagination 510 914-0500

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Owner/Applicant:

Attachment:

File Numbers:



Existing



proposed antenna

Proposed



NW-CA-SANFRNMC-04113B

Looking Northeast from Fourth Avenue

11/14/16

IFO 668 Fourth Avenue Redwood City, CA

View #1

Applied Imagination 510 914-0500

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Owner/Applicant:

Attachment:

File Numbers:



Existing



proposed antenna

Proposed



NW-CA-SANFRNMC- 04113B

Looking South from Fourth Avenue

IFO 668 Fourth Avenue Redwood City, CA

View #2

11/14/16

Applied Imagination 510 914-0500

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Owner/Applicant:

Attachment:

File Numbers:

Alternative Overview



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Owner/Applicant:

Attachment:

File Numbers:

Alternative Utility Poles

Alternate Pole NORTH #1- Viable Candidate

Alternate Pole SOUTH #2- Proposed design does not meet G.O. 95 standards for utility poles



GUb'A UHyc '7 ci blmiBcfH : Ujf'CU_g'7 ca a i b]mi7 ci bWj'A YH]b[

Owner/Applicant: _____

Attachment: _____

File Numbers: _____

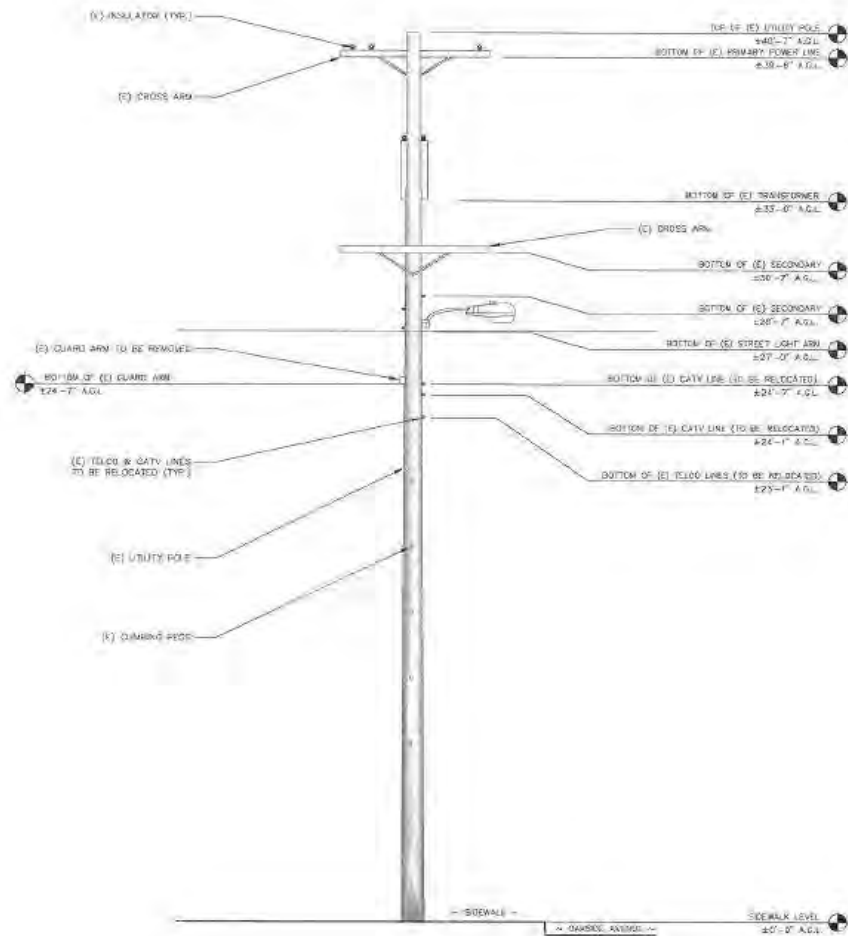


GUb`A UHc`7 ci bhmBcfH : Ujf`CU_g`7ca a i b]hm7 ci bWj`A YH]b[

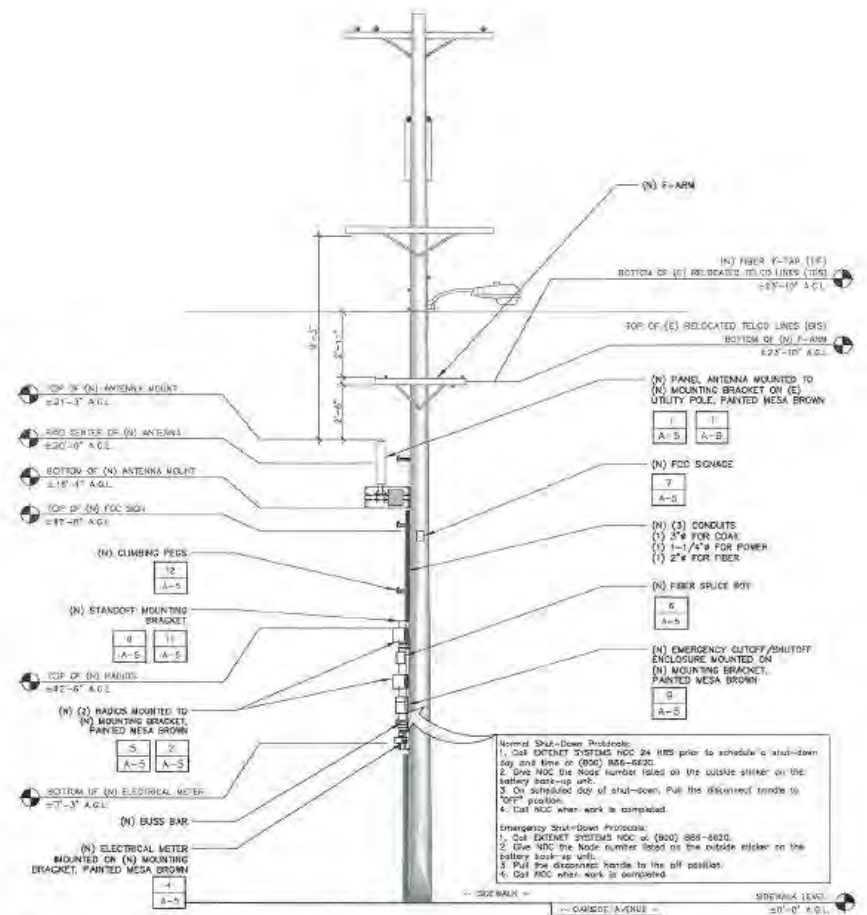
Owner/Applicant: _____

Attachment: _____

File Numbers: _____



1 EXISTING NORTHEAST ELEVATION



MAKE READY INFORMATION

1. TRUSS TRAINING WILL BE REQUIRED FOR EXTENT ANTENNA ASSEMBLY TO BE PLACED ON THE POLE.
2. EXTENT CONTRACTOR TO PLACE NEW T-ARM ON EXISTING POLE AT 25' ABOVE GROUND.
3. EXTENT CONTRACTOR TO TRANSFER EXISTING (1) C/O TO NEW T-ARM AT 25' AND ATTACH BRACKET INSIDE POSITION - STREET SIDE.
4. EXTENT CONTRACTOR TO TRANSFER EXISTING (1) C/O TO NEW T-ARM AT 25' AND ATTACH BRACKET INSIDE POSITION - SIDEWALK SIDE.
5. EXTENT CONTRACTOR TO PLACE NEW EXTENT FIBER TO NEW F-ARM ABOVE (1) AND ATTACH FOR INSIDE POSITION - SIDEWALK.
6. EXTENT CONTRACTOR TO PLACE NEW 1" FIBER OPTIC FIBER AT 154' POSITION FOR EXTENT COAXIAL CABLE, NEW T-ARM.
7. EXTENT CONTRACTOR TO PLACE NEW 2" COI W/ FIBER AT 50' POSITION FOR EXTENT FIBER CABLES - FOR DESIGN.
8. EXTENT ANTENNA ELECTRICAL CONTRACTOR TO PLACE NEW 1/2" COI W/ FIBER AT 15' POSITION FOR POWER SERVICE FROM FIBER OR SECONDARY TO NEW POWER METER.
9. EXTENT CONTRACTOR TO CLIMB NEW T-ARM AT 25' AND (1) WORK ON WHEREIN NEW COAXIAL CABLE.
10. EXTENT CONTRACTOR TO PLACE NEW 2" COI W/ FIBER AT 15' POSITION FOR EXTENT COAXIAL CABLE, NEW T-ARM.
11. EXTENT CONTRACTOR TO PLACE NEW 2" COI W/ FIBER AT 15' POSITION FOR EXTENT COAXIAL CABLE, NEW T-ARM.
12. EXTENT CONTRACTOR TO PLACE NEW 2" COI W/ FIBER AT 15' POSITION FOR EXTENT COAXIAL CABLE, NEW T-ARM.
13. EXTENT CONTRACTOR TO PLACE NEW 2" COI W/ FIBER AT 15' POSITION FOR EXTENT COAXIAL CABLE, NEW T-ARM.
14. EXTENT CONTRACTOR TO PLACE NEW 2" COI W/ FIBER AT 15' POSITION FOR EXTENT COAXIAL CABLE, NEW T-ARM.
15. EXTENT CONTRACTOR TO PLACE NEW 2" COI W/ FIBER AT 15' POSITION FOR EXTENT COAXIAL CABLE, NEW T-ARM.
16. EXTENT CONTRACTOR TO PLACE NEW 2" COI W/ FIBER AT 15' POSITION FOR EXTENT COAXIAL CABLE, NEW T-ARM.
17. EXTENT CONTRACTOR TO PLACE NEW 2" COI W/ FIBER AT 15' POSITION FOR EXTENT COAXIAL CABLE, NEW T-ARM.
18. EXTENT CONTRACTOR TO PLACE NEW 2" COI W/ FIBER AT 15' POSITION FOR EXTENT COAXIAL CABLE, NEW T-ARM.
19. EXTENT CONTRACTOR TO PLACE NEW 2" COI W/ FIBER AT 15' POSITION FOR EXTENT COAXIAL CABLE, NEW T-ARM.
20. EXTENT CONTRACTOR TO PLACE NEW 2" COI W/ FIBER AT 15' POSITION FOR EXTENT COAXIAL CABLE, NEW T-ARM.
21. EXTENT CONTRACTOR TO PLACE NEW 2" COI W/ FIBER AT 15' POSITION FOR EXTENT COAXIAL CABLE, NEW T-ARM.
22. EXTENT CONTRACTOR TO PLACE NEW 2" COI W/ FIBER AT 15' POSITION FOR EXTENT COAXIAL CABLE, NEW T-ARM.
23. EXTENT CONTRACTOR TO PLACE NEW 2" COI W/ FIBER AT 15' POSITION FOR EXTENT COAXIAL CABLE, NEW T-ARM.
24. EXTENT CONTRACTOR TO PLACE NEW 2" COI W/ FIBER AT 15' POSITION FOR EXTENT COAXIAL CABLE, NEW T-ARM.
25. EXTENT CONTRACTOR TO PLACE NEW 2" COI W/ FIBER AT 15' POSITION FOR EXTENT COAXIAL CABLE, NEW T-ARM.

2 PROPOSED NORTHEAST ELEVATION



Gub'A Uhc'7 ci bhmBcfh : Uj'CU_g'7 ca a i b]hm'7 ci bW'A YH]b[

Owner/Applicant:

File Numbers:

Attachment:



NW-CA-SANFRNMC- 04118A
 IFO 600 Oakside Avenue Redwood City, CA

Aerial Map

11/14/16

Applied Imagination 510 914-0500

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:



NW-CA-SANFRNMC- 04118A

Looking Northeast from Oakside Avenue

11/14/16

IFO 600 Oakside 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 YHj[b[

Owner/Applicant:

Attachment:

File Numbers:



NW-CA-SANFRNMC- 04118A

Looking South from Oakside Avenue

11/14/16

IFO 600 Oakside 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:

Alternative Overview



GUb`A UHc`7ci bhmBcfH` : Ujf`CU_g7ca a i b]hm7ci bWj`A YHjb[

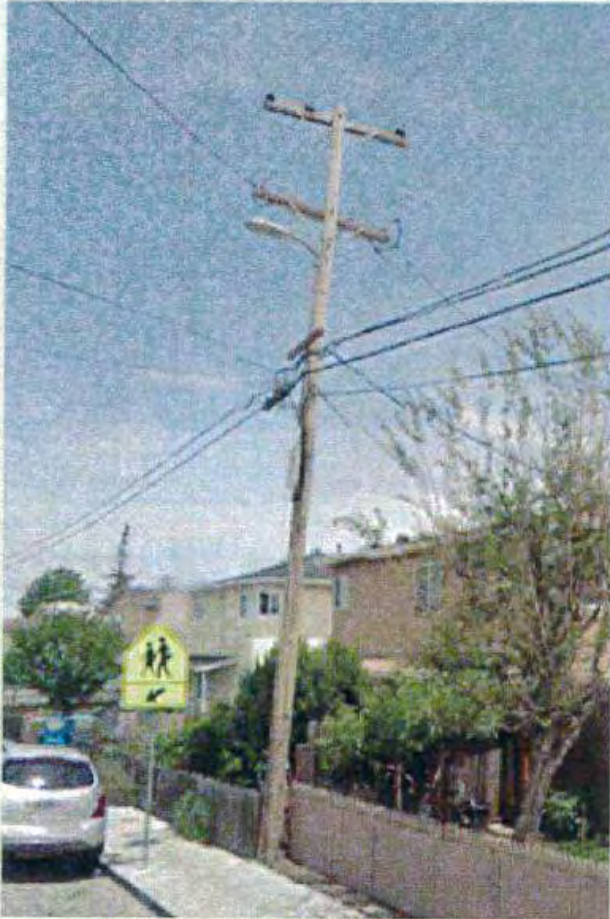
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Attachment:

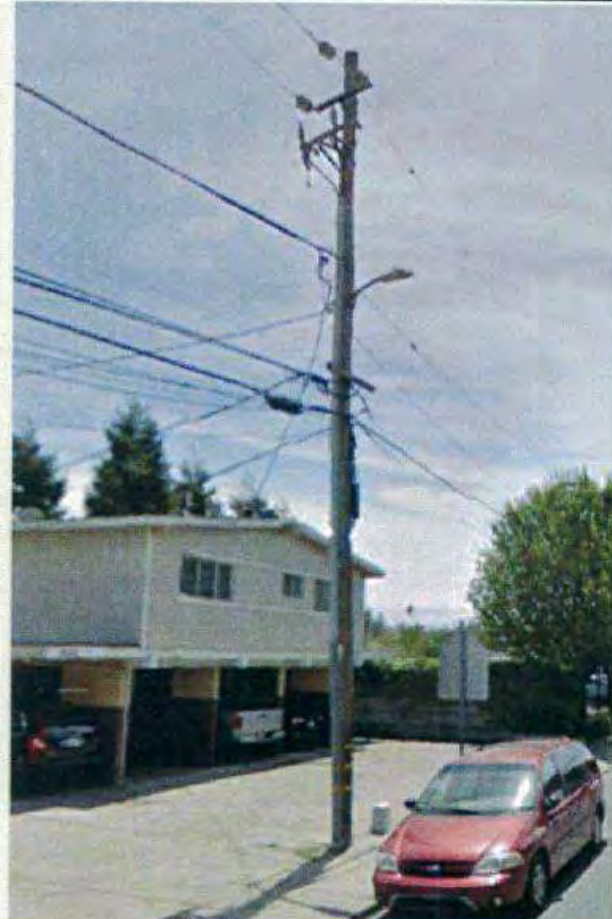
File Numbers:

Alternative Utility Poles

Alternate Pole NORTH #1- Possible Candidate



Alternate Pole SOUTH #2- Proposed design will not comply with GO 95, utility pole standards & PG&E Requirement (Primary Riser Pole)



GUb'A UHc '7 ci bhmBcfH : Ujf'CU_g'7ca a i b]hm7 ci bW' A YH]b[

Owner/Applicant: _____

Attachment: _____

File Numbers: _____

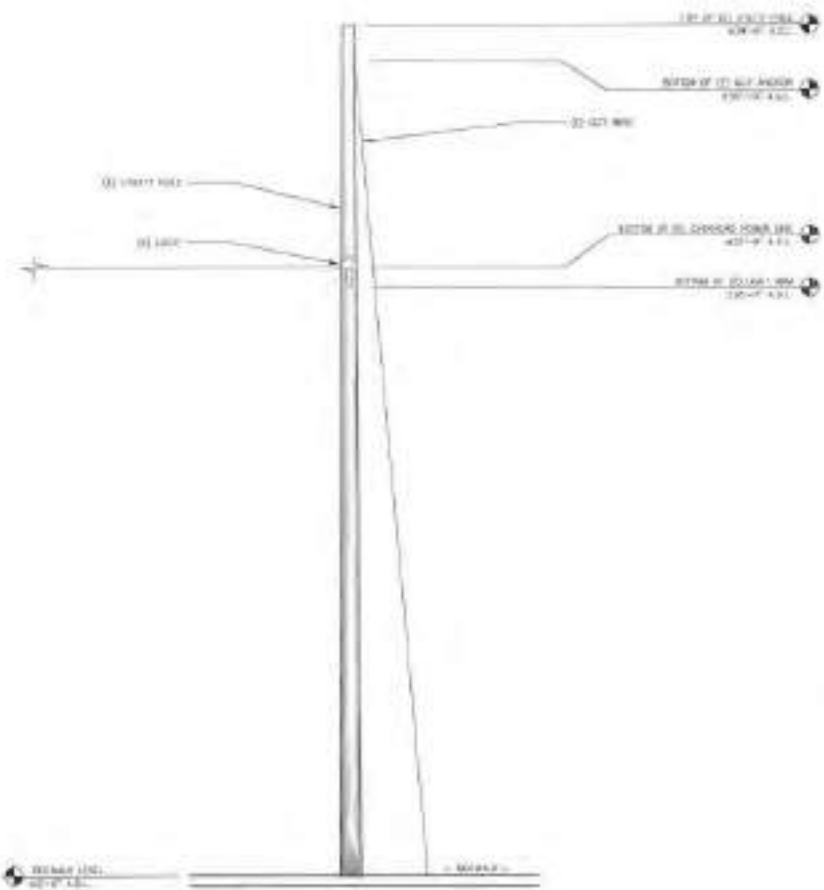


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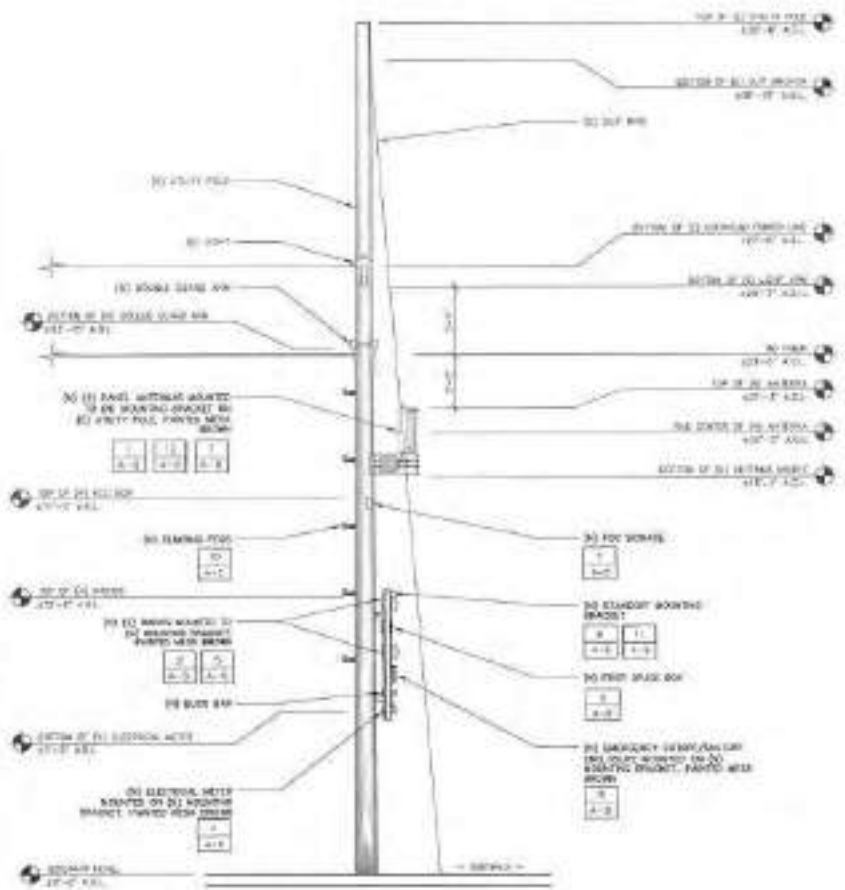
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Attachment: _____

File Numbers: _____



1 EXISTING SOUTHEAST ELEVATION



2 PROPOSED SOUTHEAST ELEVATION

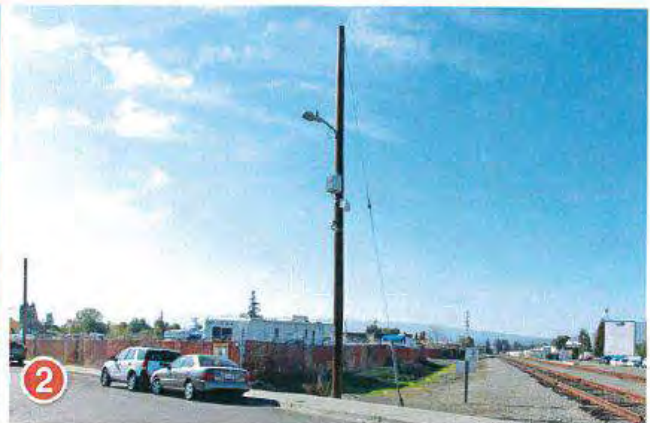


Glub'A UYc'7 ci bhmBcfH : Ujf'CU_g7ca a i b]hm7 ci bWj'A YYh[b[

Owner/Applicant:

Attachment:

File Numbers:



NW-CA-SANFRNMC- 04114A

Aerial Map

11/14/16

2949 Edison Way (Second Ave Frontage) Redwood City, CA

Applied Imagination 510 914-0500

Gub'A UYc '7 ci bhmBcfH : Ujf'CU_g'7ca a i b]mi7 ci bWj'A YHjb[

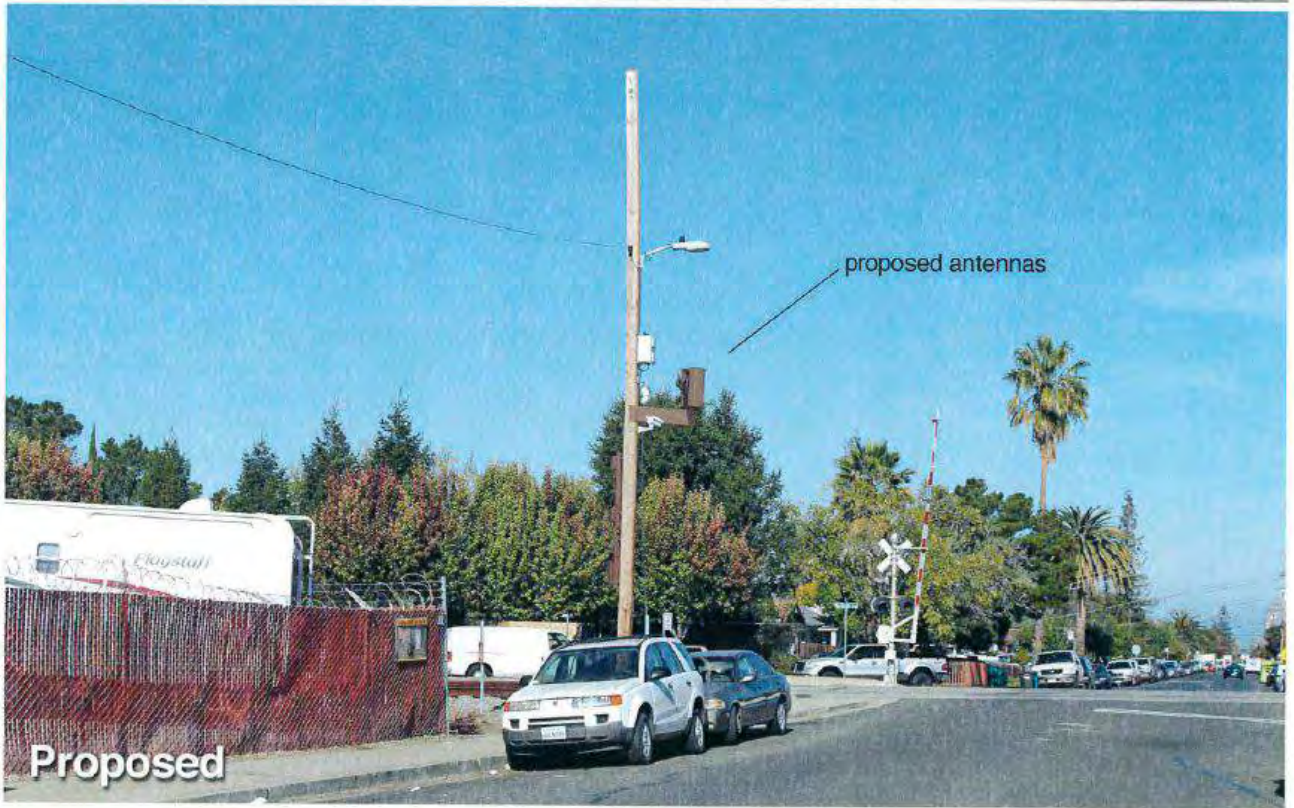
Owner/Applicant:

Attachment:

File Numbers:



Existing



proposed antennas

Proposed



NW-CA-SANFRNMC- 04114A

Looking North from Second Avenue

2949 Edison Way (Second Ave Frontage) 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 YH]b[

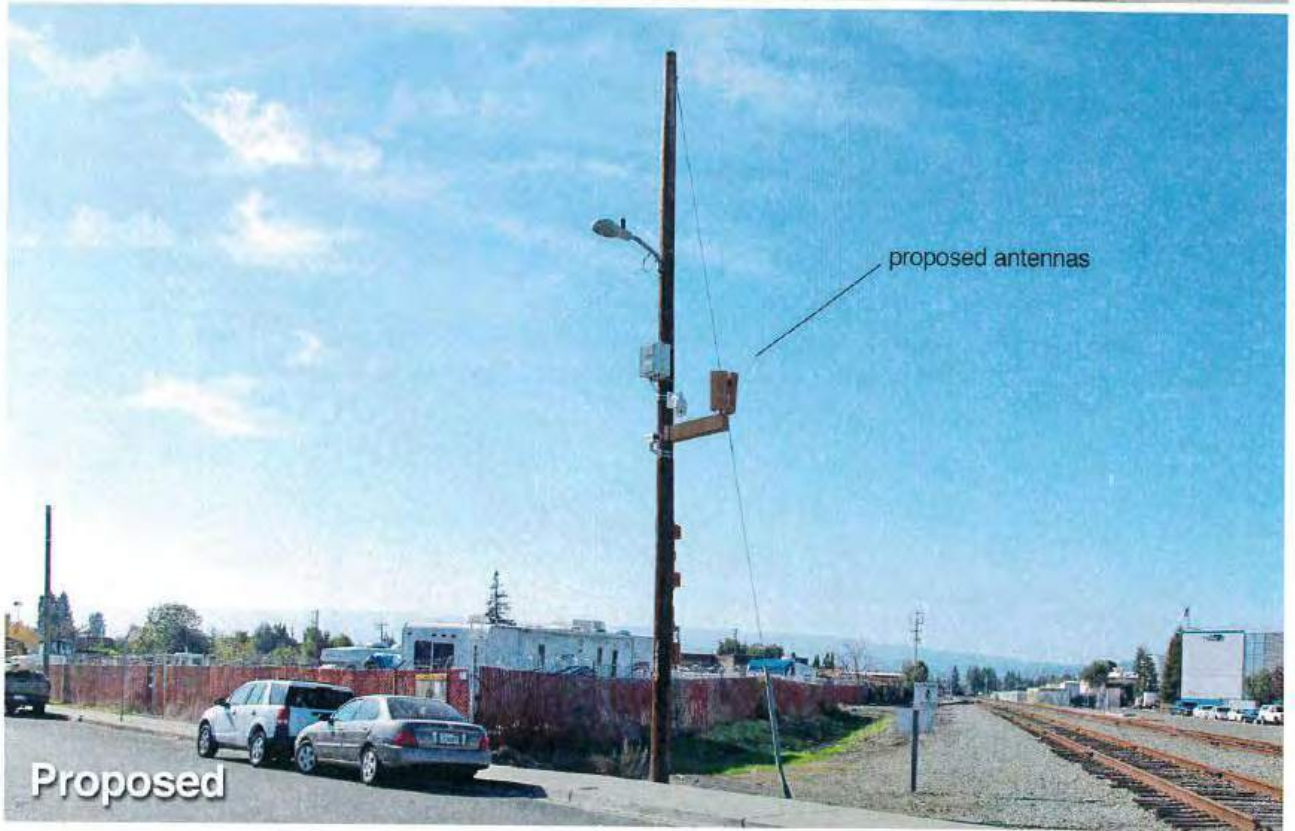
Owner/Applicant:

Attachment:

File Numbers:



Existing



proposed antennas

Proposed



NW-CA-SANFRNMC- 04114A

Looking Southwest from Second Avenue

2949 Edison Way (Second Ave Frontage) 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 UHyc`7 ci bhmBcfh` : Ujf`CU_g`7 ca a i b]hm7 ci bWj`A YYhb[

Owner/Applicant:

Attachment:

File Numbers:

Alternative Utility Poles

Alternate Pole NORTH #1- Proposed design does not meet GO95 standards for utility poles



Alternate Pole SOUTH #2- Viable Candidate



GUb`A UHc`7 ci bhmBcfH` : Ujf`CU_g`7 ca a i b]hm7 ci bWj`A YHj[b[

Owner/Applicant: _____

Attachment: _____

File Numbers: _____



San Mateo County North Fair Oaks Community Council Meeting

Owner/Applicant: _____

Attachment: _____

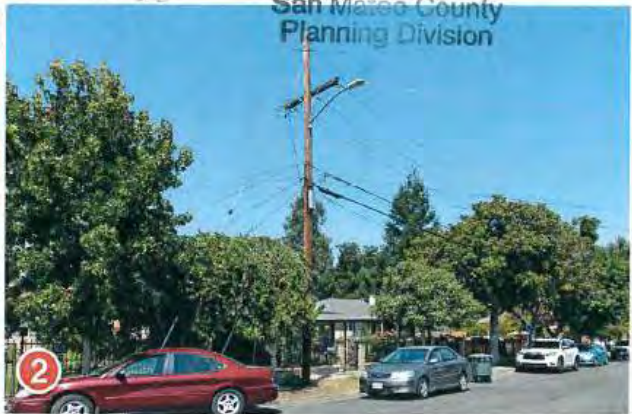
File Numbers: _____

RECEIVED

PLN2016-00505

NOV 30 2016

San Mateo County
Planning Division



extenei
SYSTEMS

NW-CA-SANFRNMC- 04116A

Aerial Map

11/14/16

IFO 617 Third Avenue Redwood City, CA

Applied Imagination 510 914-0500

Gub'A UHc '7 ci bhmBcfH : Ujf'CU_g'7ca a i b]hm'7 ci bWj'A YH]b[

Owner/Applicant:

Attachment:

File Numbers:



Existing



Proposed

proposed antenna



NW-CA-SANFRNMC- 04116A

Looking Southwest from Third Avenue

IFO 617 Third Avenue Redwood City, CA

View #1

11/14/16

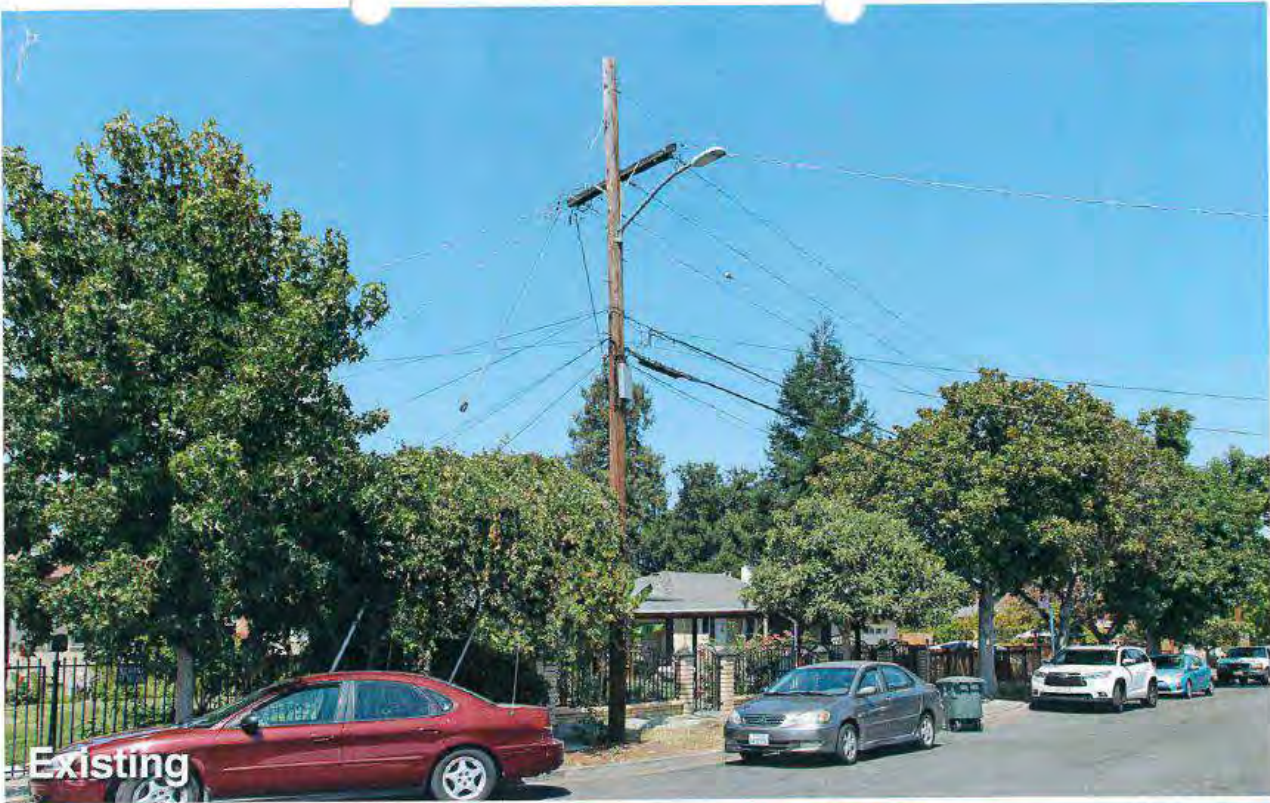
Applied Imagination 510 914-0500

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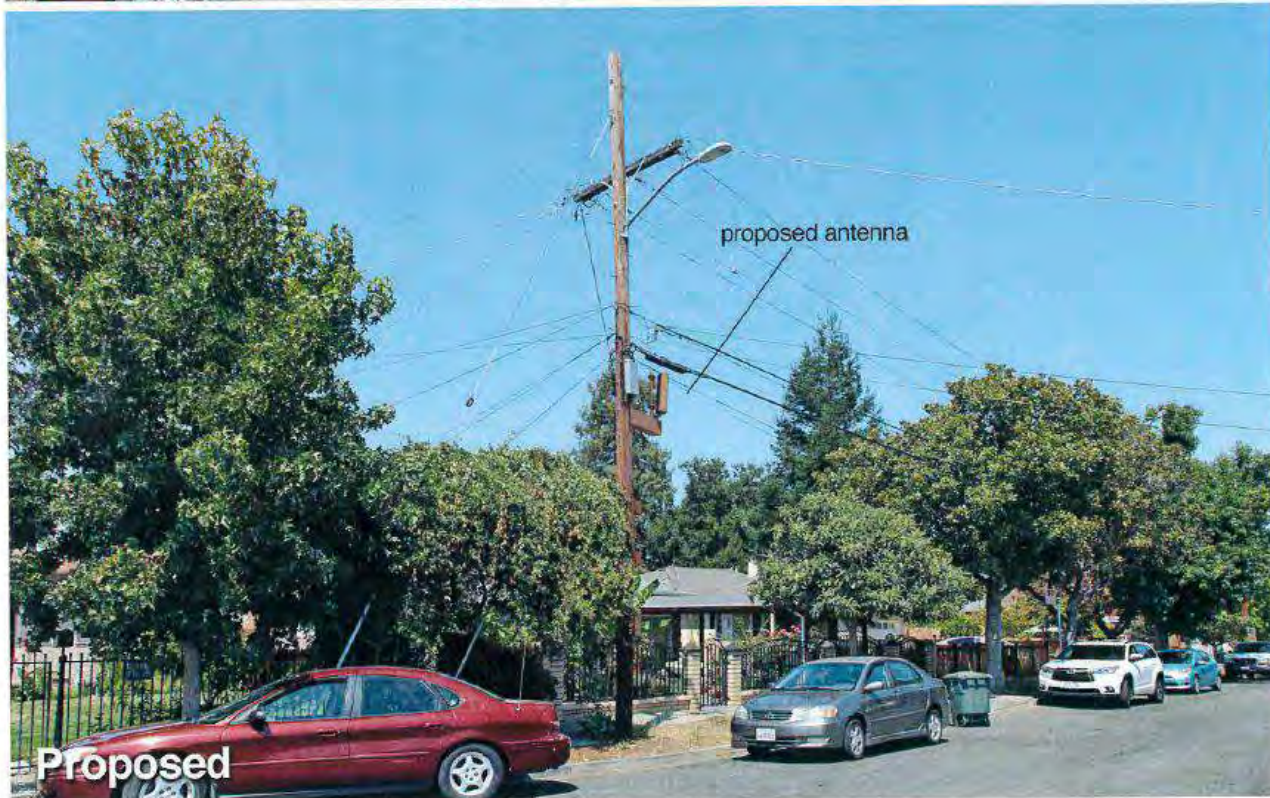
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Attachment:

File Numbers:



Existing



proposed antenna

Proposed



NW-CA-SANFRNMC- 04116A
 IFO 617 Third Avenue Redwood City, CA

Looking North from Third Avenue

View #2

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 YHj[b[

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 YY]b[

Owner/Applicant:

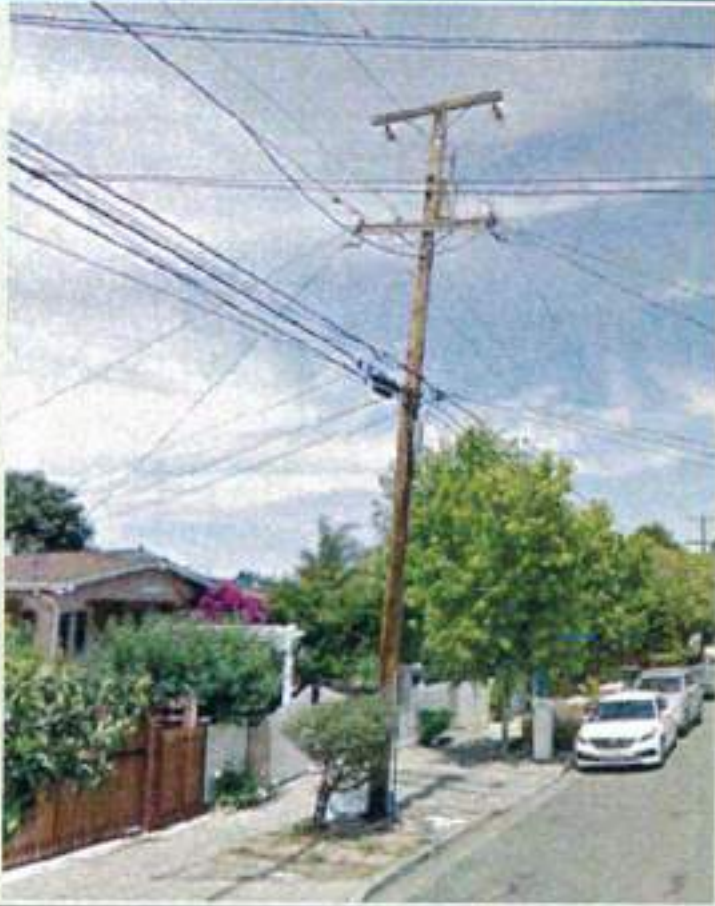
Attachment:

File Numbers:

Alternative Utility Poles

Alternate Pole NORTH #1- Proposed design will exceed GO 95 guidelines for utility poles

Alternate Pole South #2- No Candidate. Dead End Street



No Candidate

GUb'A UHc '7 ci bhmBcfh ' : Ujf'CU_g'7ca a i b]hm'7 ci bWj'A YH]b[

Owner/Applicant: _____

Attachment: _____

File Numbers: _____

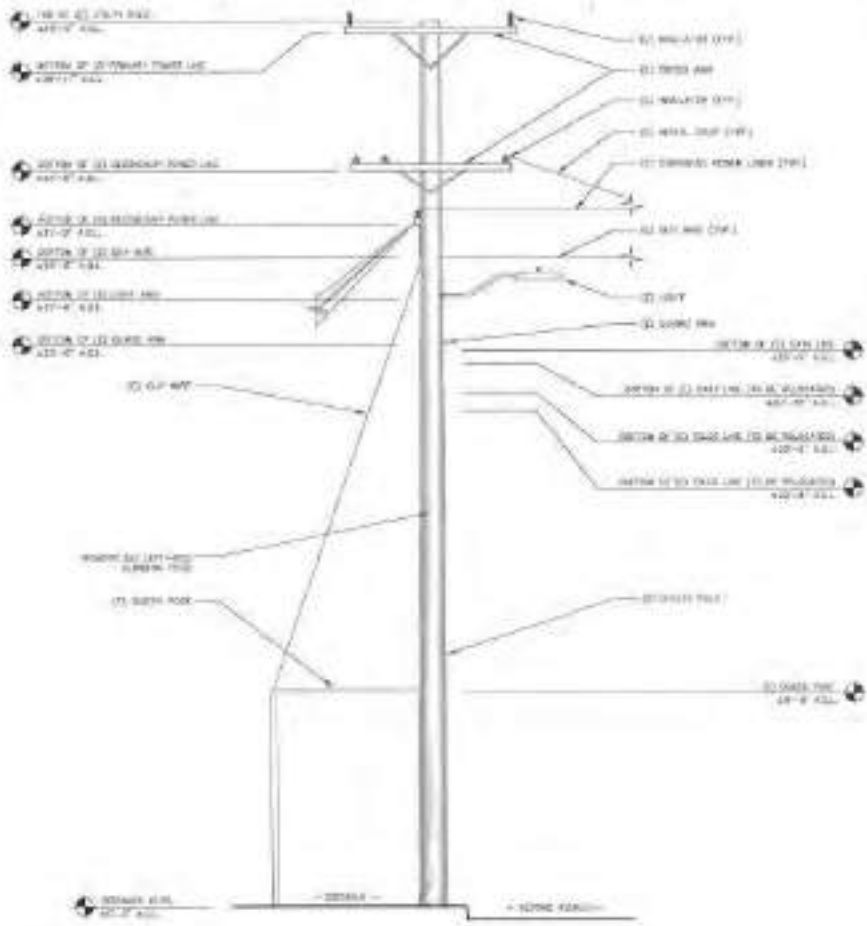


GUb`A UHc`7 ci bhmBcfH` : Ujf`CU_g`7 ca a i b]hm7 ci bWj`A YH]b[

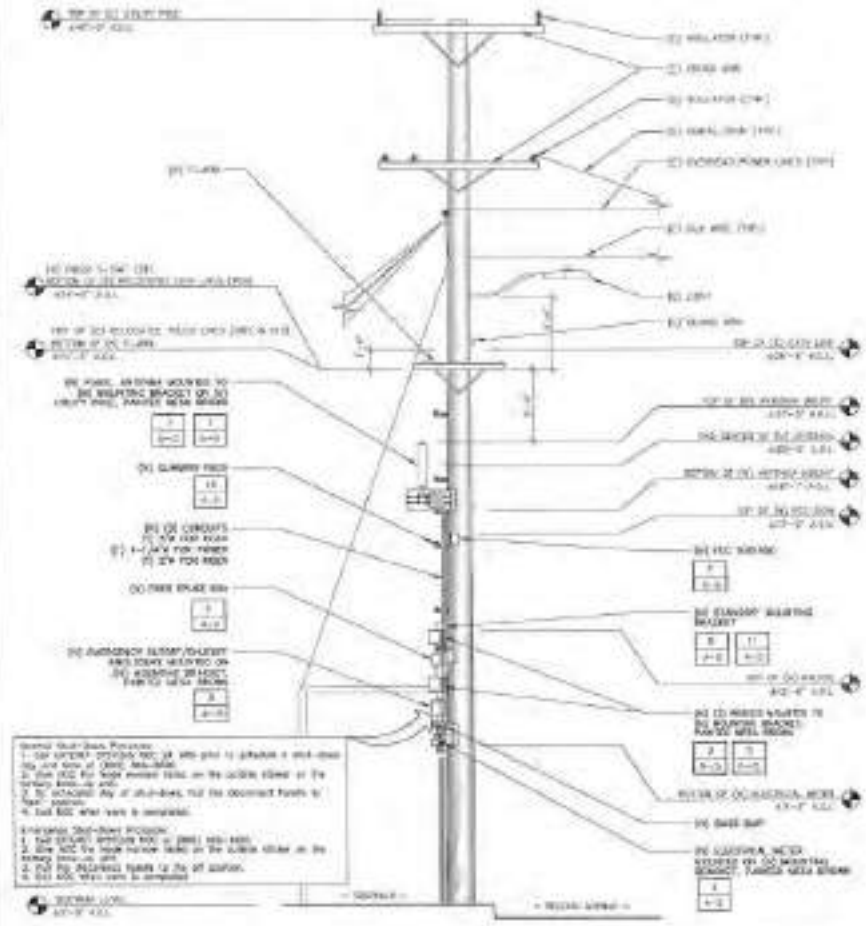
Owner/Applicant: _____

Attachment: _____

File Numbers: _____



1 EXISTING NORTH EAST ELEVATION
SCALE: 1/8" = 1'-0"



MAKE READY INFORMATION

1. VERIFY ALL WORK IS DONE AS SHOWN ON DRAWINGS AND ALL MATERIALS ARE AS SPECIFIED.
2. VERIFY ALL WORK IS DONE AS SHOWN ON DRAWINGS AND ALL MATERIALS ARE AS SPECIFIED.
3. VERIFY ALL WORK IS DONE AS SHOWN ON DRAWINGS AND ALL MATERIALS ARE AS SPECIFIED.
4. VERIFY ALL WORK IS DONE AS SHOWN ON DRAWINGS AND ALL MATERIALS ARE AS SPECIFIED.
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17. VERIFY ALL WORK IS DONE AS SHOWN ON DRAWINGS AND ALL MATERIALS ARE AS SPECIFIED.
18. VERIFY ALL WORK IS DONE AS SHOWN ON DRAWINGS AND ALL MATERIALS ARE AS SPECIFIED.
19. VERIFY ALL WORK IS DONE AS SHOWN ON DRAWINGS AND ALL MATERIALS ARE AS SPECIFIED.
20. VERIFY ALL WORK IS DONE AS SHOWN ON DRAWINGS AND ALL MATERIALS ARE AS SPECIFIED.

2 PROPOSED NORTH EAST ELEVATION
SCALE: 1/8" = 1'-0"

Gub'A UYc'7 ci bhmBcfh : Uj'CU_g'7 ca a i b]m7 ci bW'A YYh[b]

Owner/Applicant:

Attachment:

File Numbers:

PLN2016-00506

RECEIVED

NOV 20 2016

San Mateo County
Planning Division



NW-CA-SANFRNMC- 04117A

Aerial Map

IFO 650 Second Avenue Redwood City, CA

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[

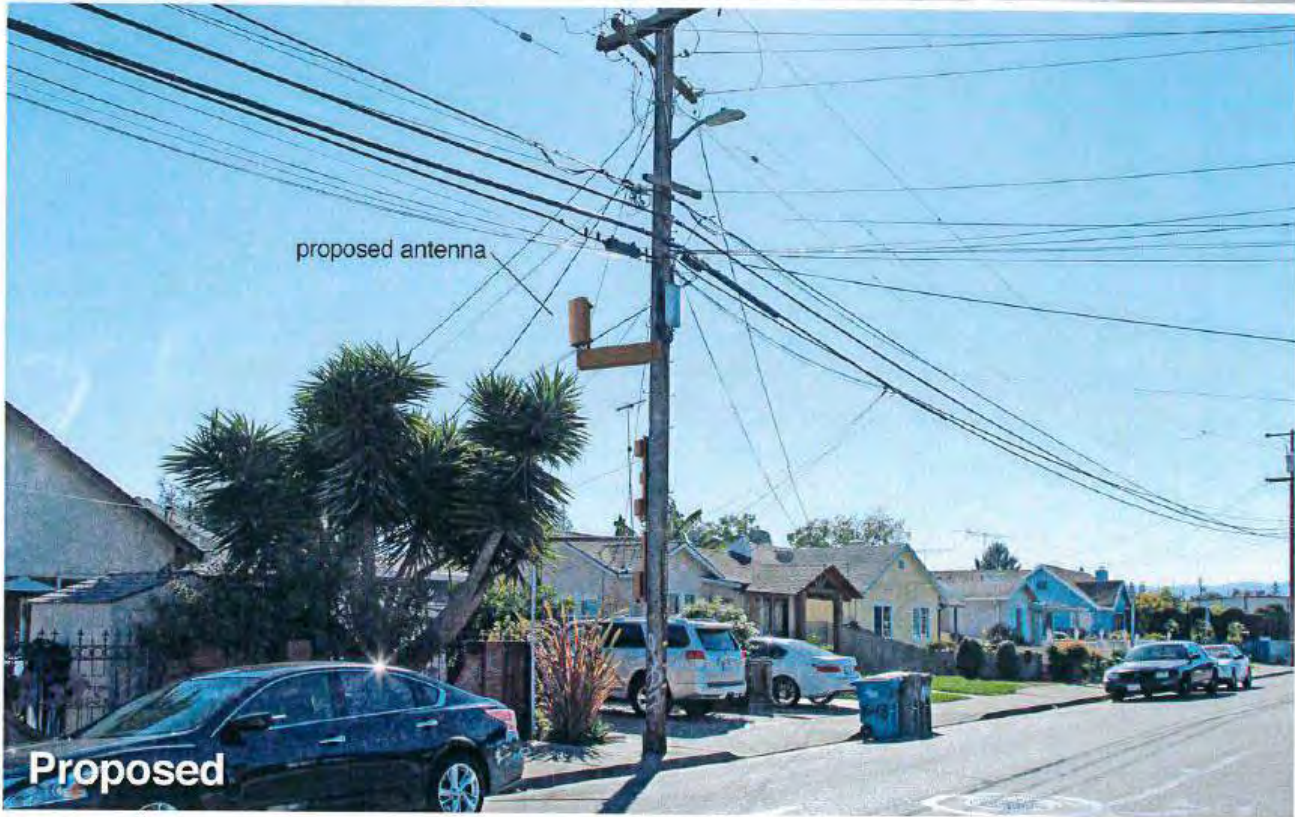
Owner/Applicant:

Attachment:

File Numbers:



Existing



proposed antenna

Proposed



NW-CA-SANFRNMC- 04117A

Looking South from Second Avenue

11/14/16

IFO 650 Second Avenue Redwood City, CA

View #1

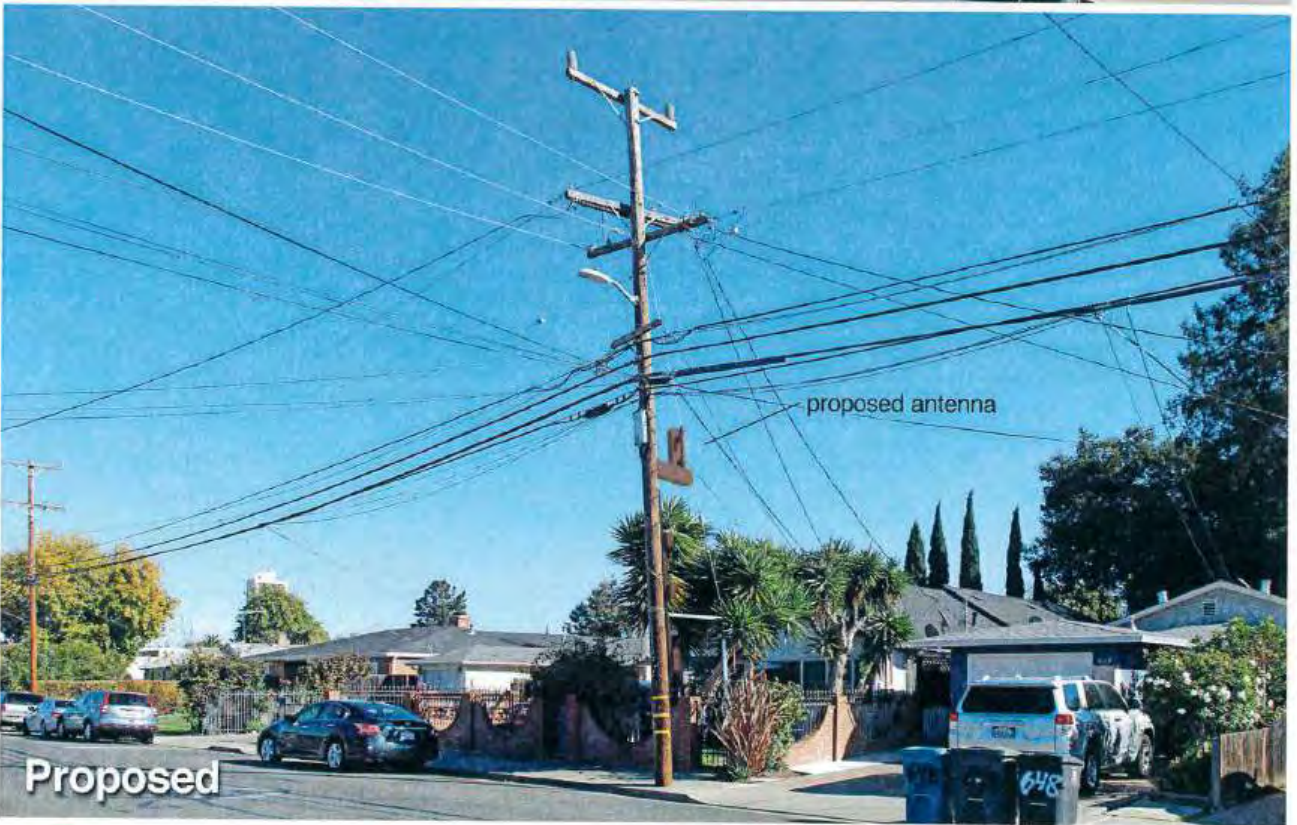
Applied Imagination 510 914-0500

Gub'A UYc '7 ci bhmBcfH : Ujf'CU_g'7 ca a i b]mi7 ci bWj'A YHjb[

Owner/Applicant:

Attachment:

File Numbers:



NW-CA-SANFRNMC- 04117A

Looking Northeast from Second Avenue

11/14/16

IFO 650 Second Avenue Redwood City, CA

View #2

Applied Imagination 510 914-0500

Gub'A UHc '7 ci bhmBcfH : Ujf'CU_g'7ca a i b]mi7 ci bWj'A YHj[b[

Owner/Applicant:

Attachment:

File Numbers:

Alternative Overview



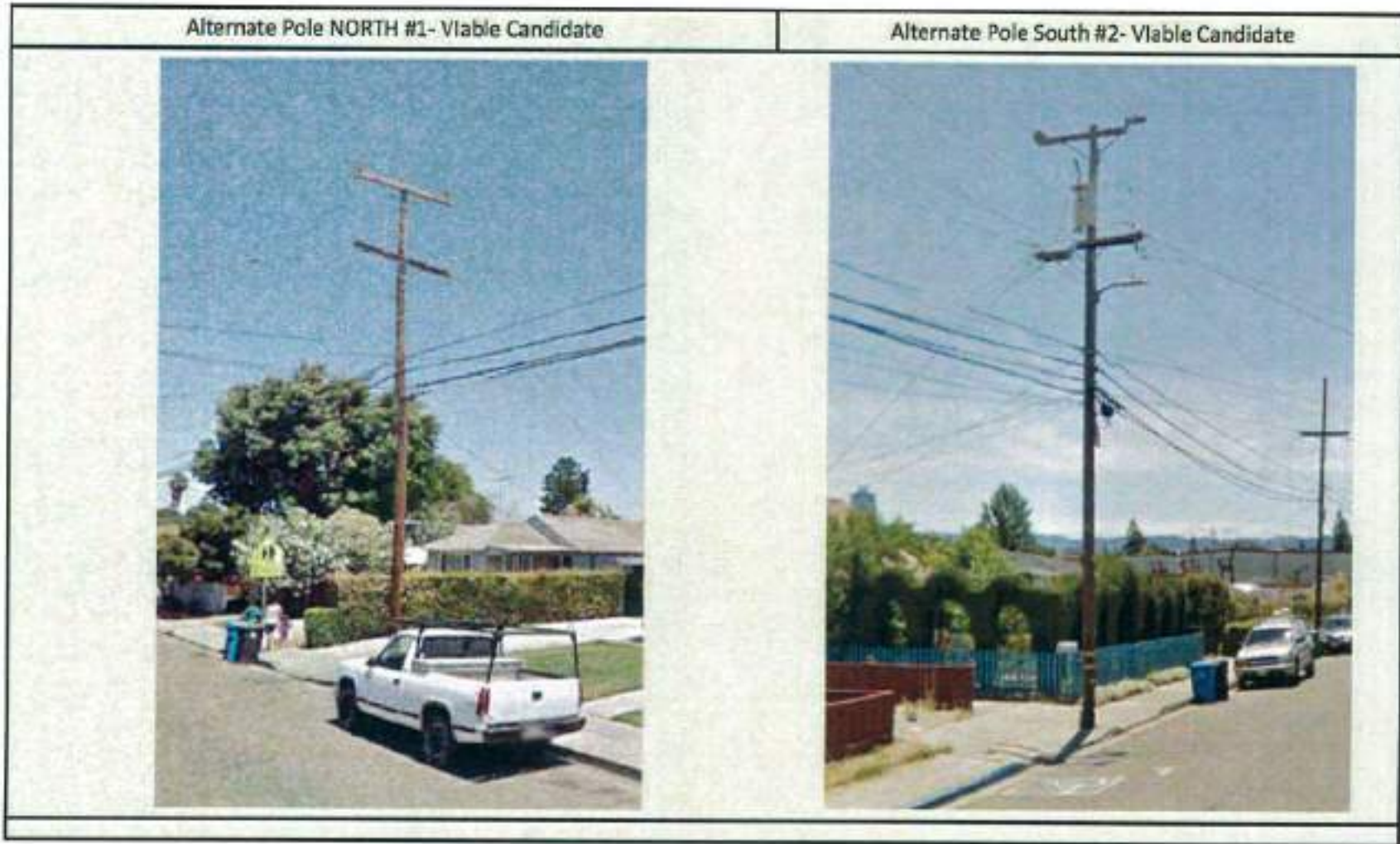
GUb`A UHc`7 ci bhmBcfh` : Ujf`CU_g`7ca a i b]hm7 ci bWj`A YHjb[

Owner/Applicant:

Attachment:

File Numbers:

Alternative Utility Poles



GUb`A UHc`7 ci blmBcfH : Ujf`CU_g`7ca a i b]hm7 ci bWj`A YH]b[

Owner/Applicant: _____

Attachment: _____

File Numbers: _____

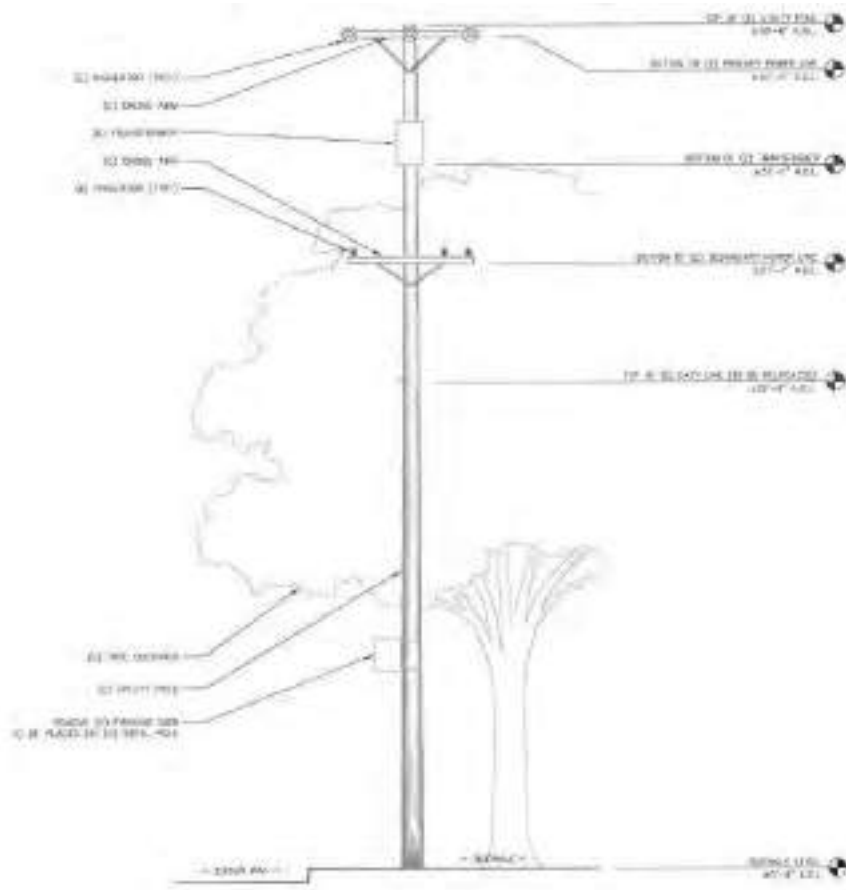


Gub`A UHc`7 ci blmBcfH : Ujf`CU_g`7 ca a i b]hm7 ci bWj`A YH]b[

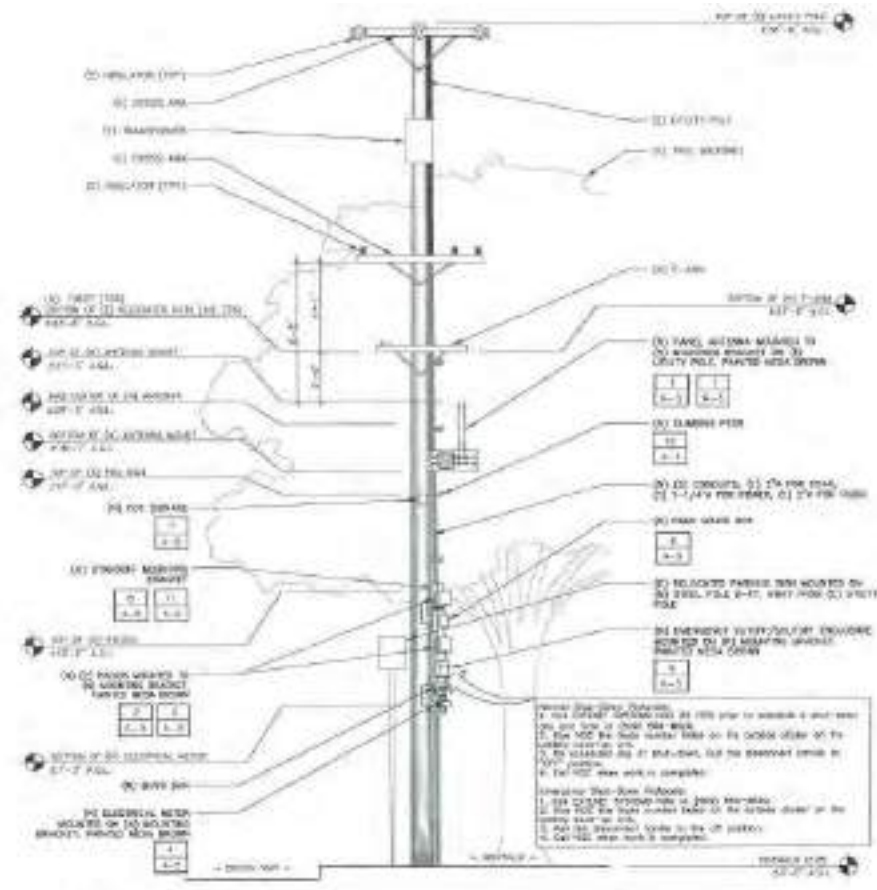
Owner/Applicant: _____

Attachment: _____

File Numbers: _____



1 EXISTING WEST ELEVATION



2 PROPOSED WEST ELEVATION

- MAKE READY INFORMATION**
1. VERIFY CONTRACTOR TO BE AWARE OF ALL UTILITIES AND TO BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS.
 2. VERIFY CONTRACTOR TO BE AWARE OF ALL UTILITIES AND TO BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS.
 3. VERIFY CONTRACTOR TO BE AWARE OF ALL UTILITIES AND TO BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS.
 4. VERIFY CONTRACTOR TO BE AWARE OF ALL UTILITIES AND TO BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS.
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 6. VERIFY CONTRACTOR TO BE AWARE OF ALL UTILITIES AND TO BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS.
 7. VERIFY CONTRACTOR TO BE AWARE OF ALL UTILITIES AND TO BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS.
 8. VERIFY CONTRACTOR TO BE AWARE OF ALL UTILITIES AND TO BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS.
 9. VERIFY CONTRACTOR TO BE AWARE OF ALL UTILITIES AND TO BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS.
 10. VERIFY CONTRACTOR TO BE AWARE OF ALL UTILITIES AND TO BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS.
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 12. VERIFY CONTRACTOR TO BE AWARE OF ALL UTILITIES AND TO BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS.
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 14. VERIFY CONTRACTOR TO BE AWARE OF ALL UTILITIES AND TO BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS.
 15. VERIFY CONTRACTOR TO BE AWARE OF ALL UTILITIES AND TO BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS.
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 17. VERIFY CONTRACTOR TO BE AWARE OF ALL UTILITIES AND TO BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS.
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 19. VERIFY CONTRACTOR TO BE AWARE OF ALL UTILITIES AND TO BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS.
 20. VERIFY CONTRACTOR TO BE AWARE OF ALL UTILITIES AND TO BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS.

Gub'A UYc'7 ci bhmBcfh : Uj'CU_g'7 ca a i b]m7 ci bW'A YHb[

Owner/Applicant:

Attachment:

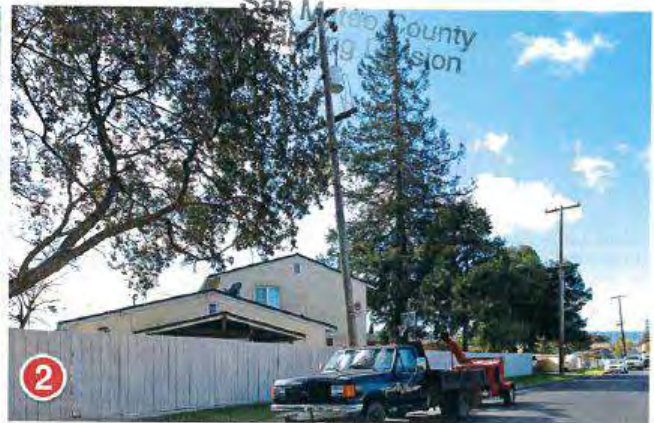
File Numbers:

PLN2016-00507

RECEIVED

NOV 30 2016

San Mateo County
Planning Division



NW-CA-SANFRNMC- 04720A

Aerial Map

11/14/16

IFO 599 Fourth Avenue (Edison Way Frontage) Redwood City, CA

Applied Imagination 510 914-0500

GUb'A UHc '7 ci bhmBcfH : Uj'CU_g'7ca a i b]hm'7 ci bW' A YH]b[

Owner/Applicant:

Attachment:

File Numbers:



Existing



Proposed



NW-CA-SANFRNMC- 04720A

Looking Southeast from Edison Way

11/14/16

IFO 599 Fourth Avenue (Edison Way Frontage) Redwood City, CA

View #1

Applied Imagination 510 914-0500

Gub'A UYc '7 ci bhmBcfH : Ujf'CU_g'7 ca a i b]hm'7 ci bW' A YH]b[

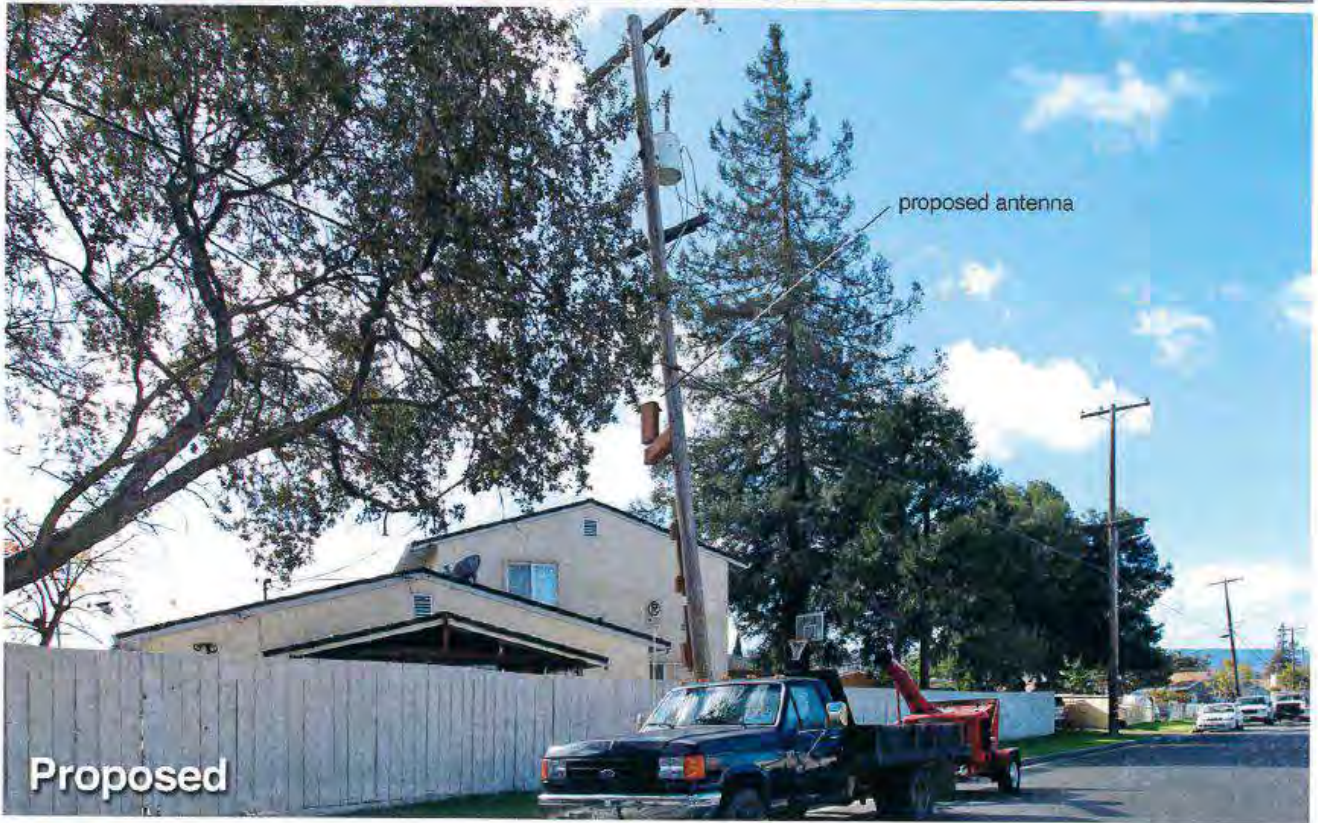
Owner/Applicant:

Attachment:

File Numbers:



Existing



proposed antenna

Proposed



NW-CA-SANFRNMC- 04720A

Looking Southwest from Edison Way

IFO 599 Fourth Avenue (Edison Way Frontage) Redwood City, CA

View #2

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 YHjbl

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- Viable Alternative



Alternate Pole East #2- Pole will not support proposed design and stay in GO 95 compliance



GUb`A UHc`7 ci bhmBcfH` : Ujf`CU_g`7 ca a i b]hm7 ci bWj`A YHj[b[

Owner/Applicant: _____

Attachment: _____

File Numbers: _____



San Mateo County North Fair Oaks Community Council Meeting

Owner/Applicant: _____

Attachment: _____

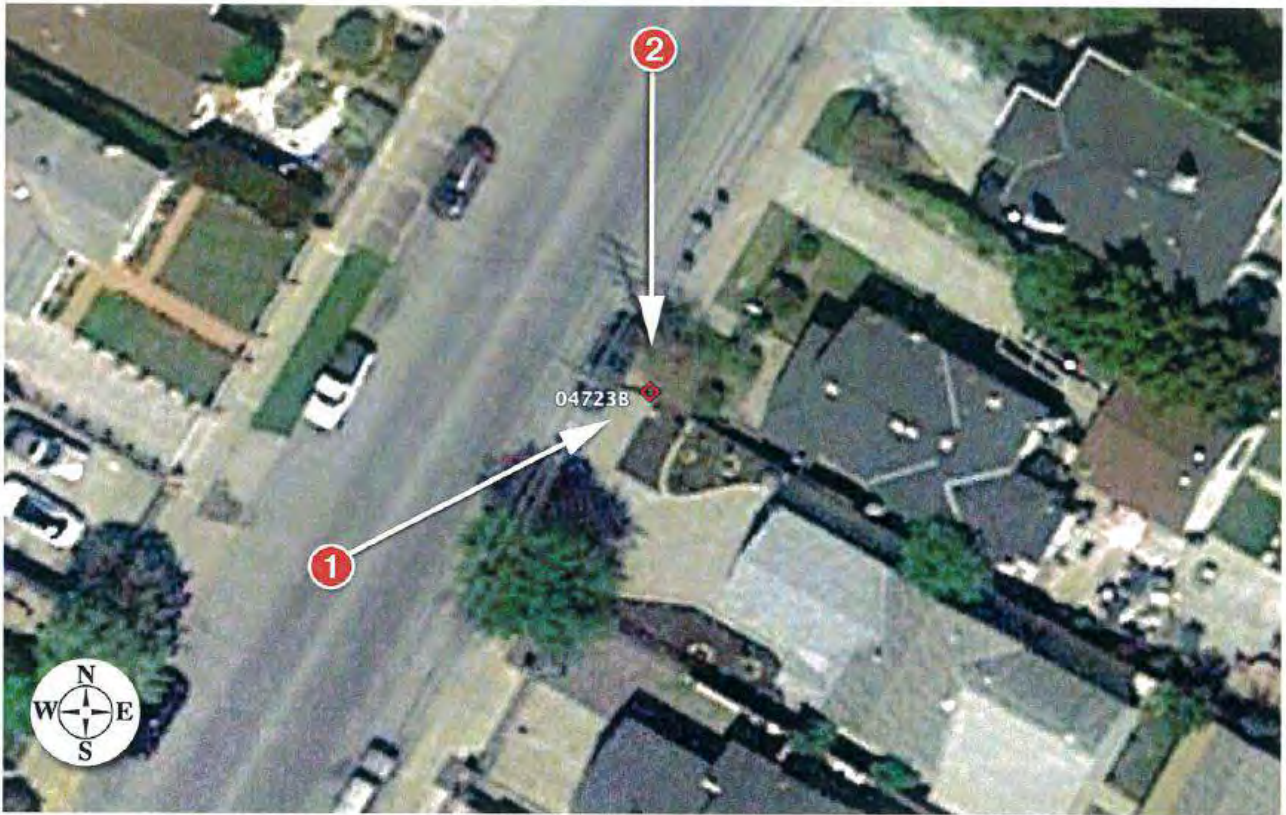
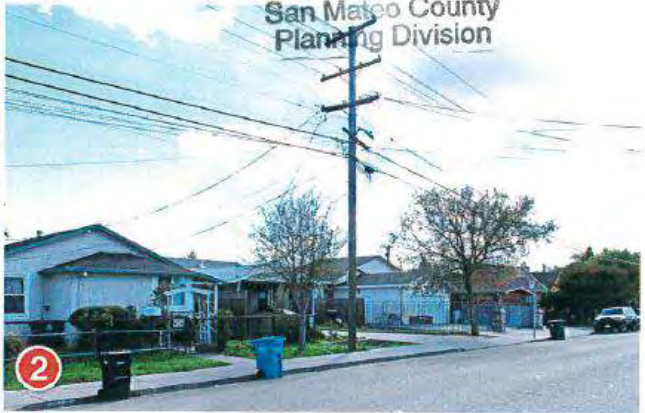
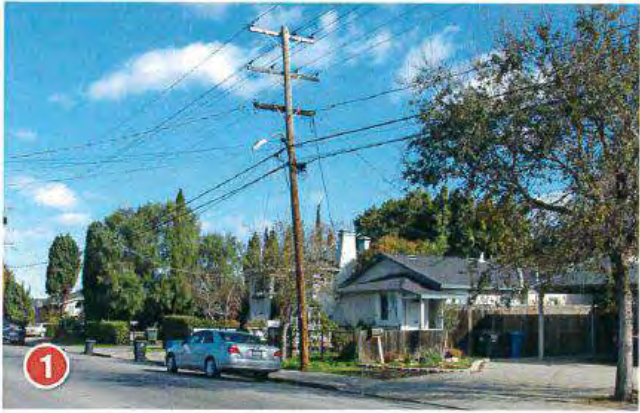
File Numbers: _____

PLN2016-00508

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NOV 30 2016

San Mateo County
Planning Division



NW-CA-SANFRNMC- 04723B

Aerial Map

11/14/16

IFO 718 Fifth Avenue Redwood City, CA

Applied Imagination 510 914-0500

Gub'A UHc '7 ci bhmBcfH : Ujf'CU_g'7ca a i b]hm'7 ci bW' A YH]b[

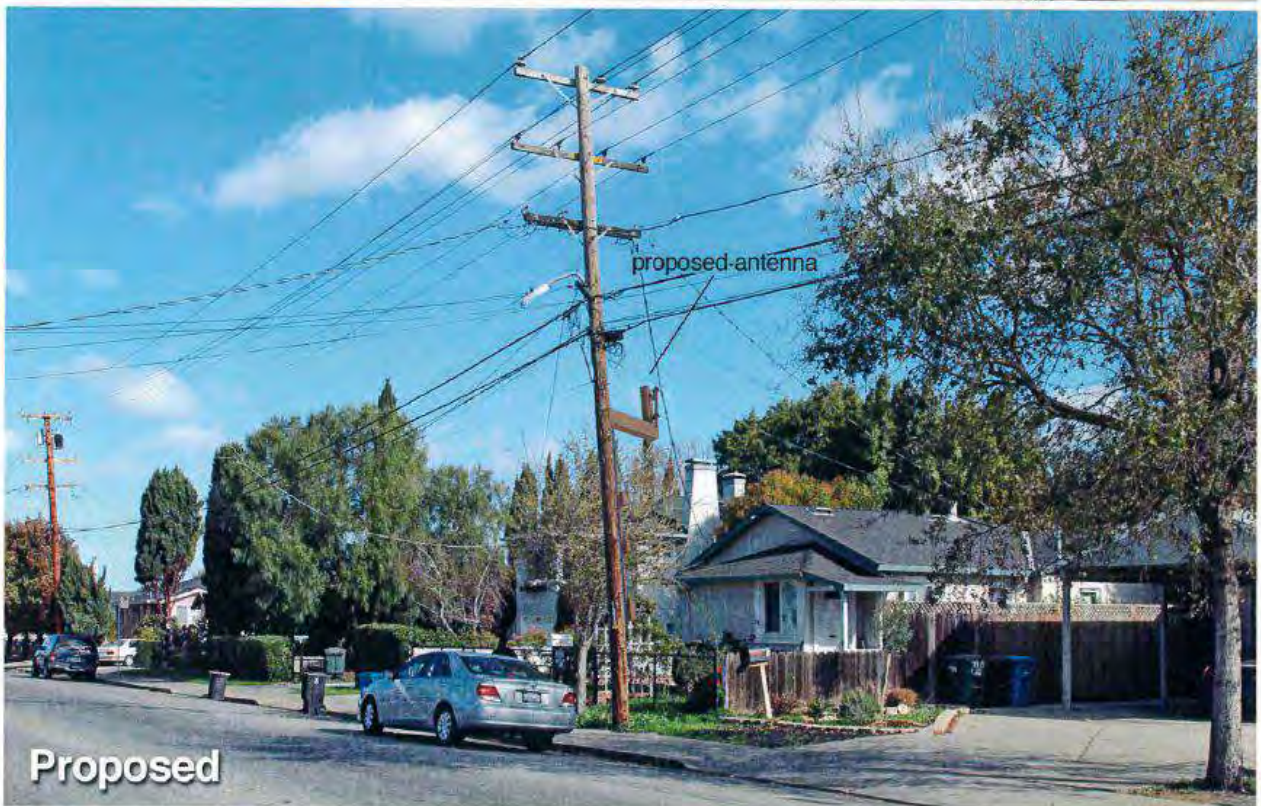
Owner/Applicant:

Attachment:

File Numbers:



Existing



Proposed



NW-CA-SANFRNMC- 04723B

Looking Northeast from Fifth Avenue

IFO 718 Fifth 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[

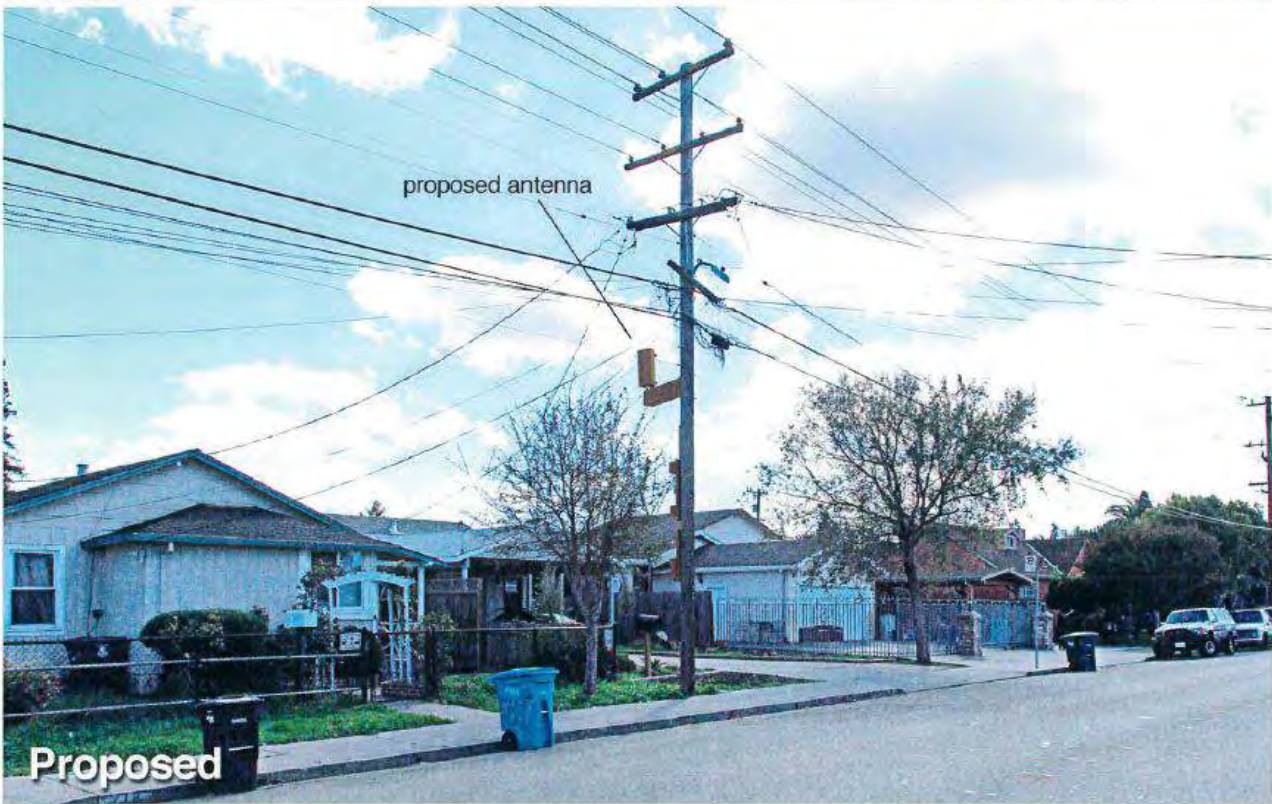
Owner/Applicant:

Attachment:

File Numbers:



Existing



proposed antenna

Proposed



11/14/16

NW-CA-SANFRNMC- 04723B

IFO 718 Fifth Avenue Redwood City, CA

Looking South from Fifth Avenue

View #2

Applied Imagination 510 914-0500

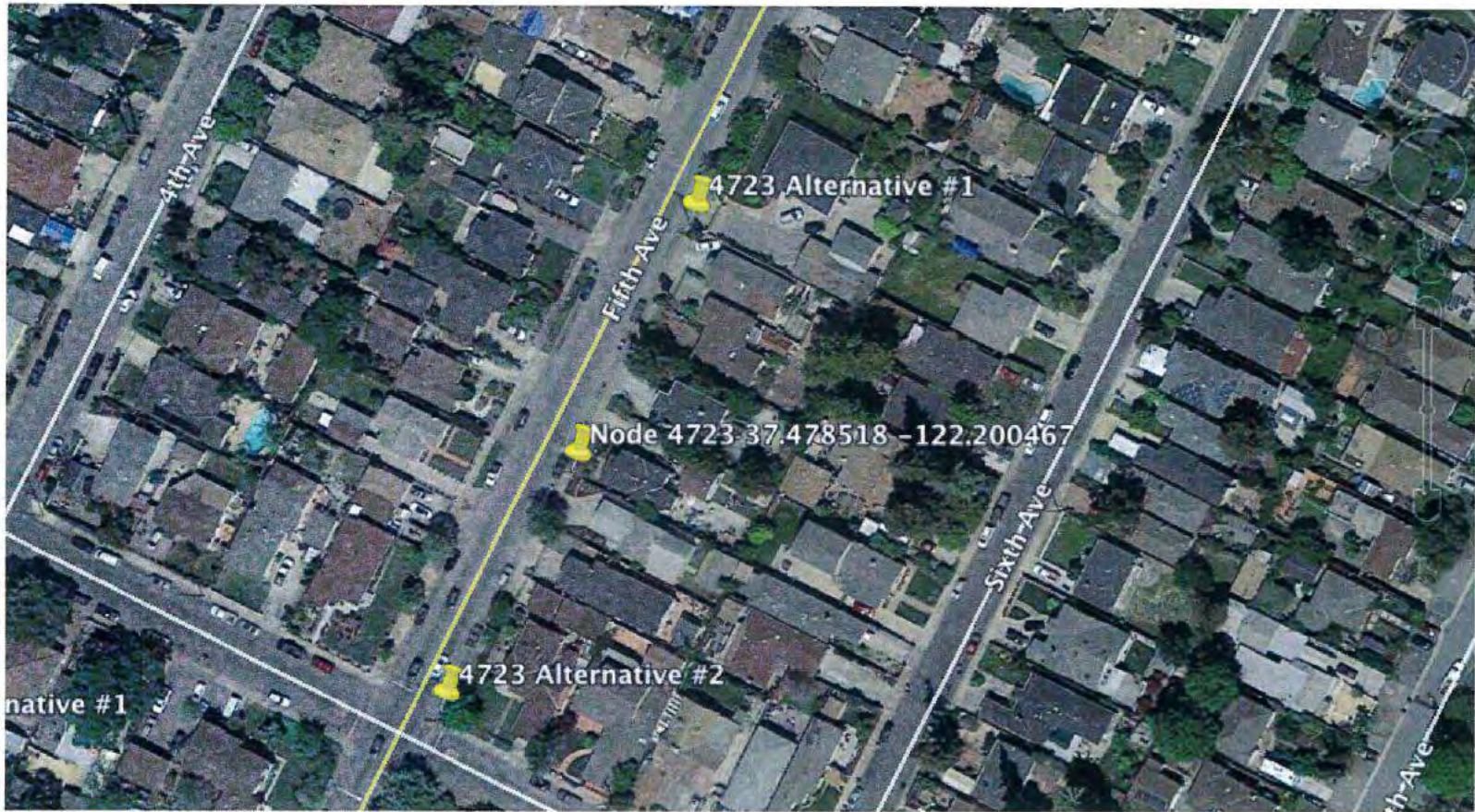
Gub'A UYc '7 ci bhmBcfH : Ujf'CU_g'7ca a i b]hm'7 ci bW' A YH]b[

Owner/Applicant:

Attachment:

File Numbers:

Alternative Overview



GUb`A UHyc`7 ci bhmBcfH` : Ujf`CU_g`7 ca a i b]hm7 ci bW`A YH]b[

Owner/Applicant: _____

Attachment: _____

File Numbers: _____

Alternative Utility Poles

Alternate Pole NORTH #1- Pole will not support proposed design, due to G095 regulations



Alternate Pole South #2- Pole will not support proposed design, due to G095 regulations



GUb`A UHc`7 ci blmiBcfH` : Ujf`CU_g`7 ca a i b]mi7 ci bWj`A YYhb[

Owner/Applicant: _____

Attachment: _____

File Numbers: _____



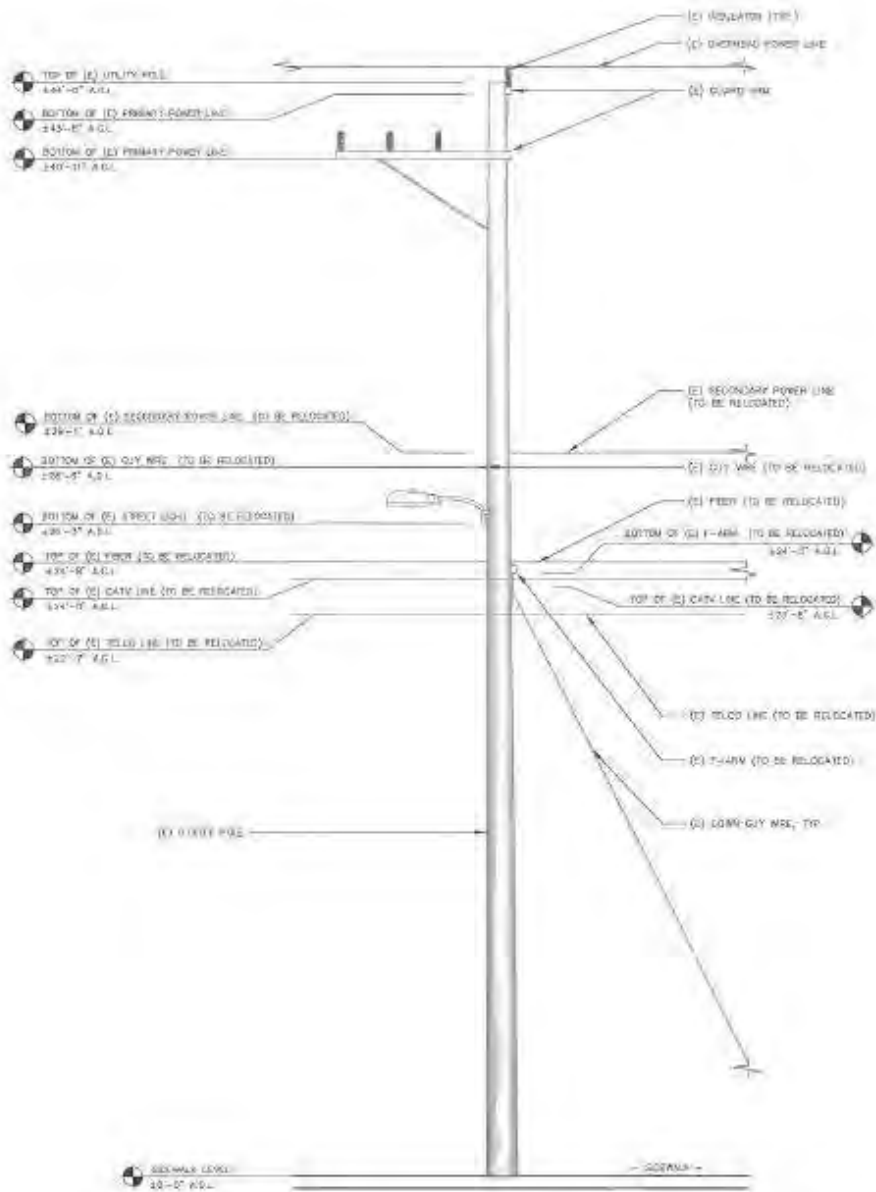
VICINITY MAP

GUb'A UHc'7 ci bhmBcfh : Ujf'CU_g'7ca a i b]hm'7 ci bW' A YH]b[

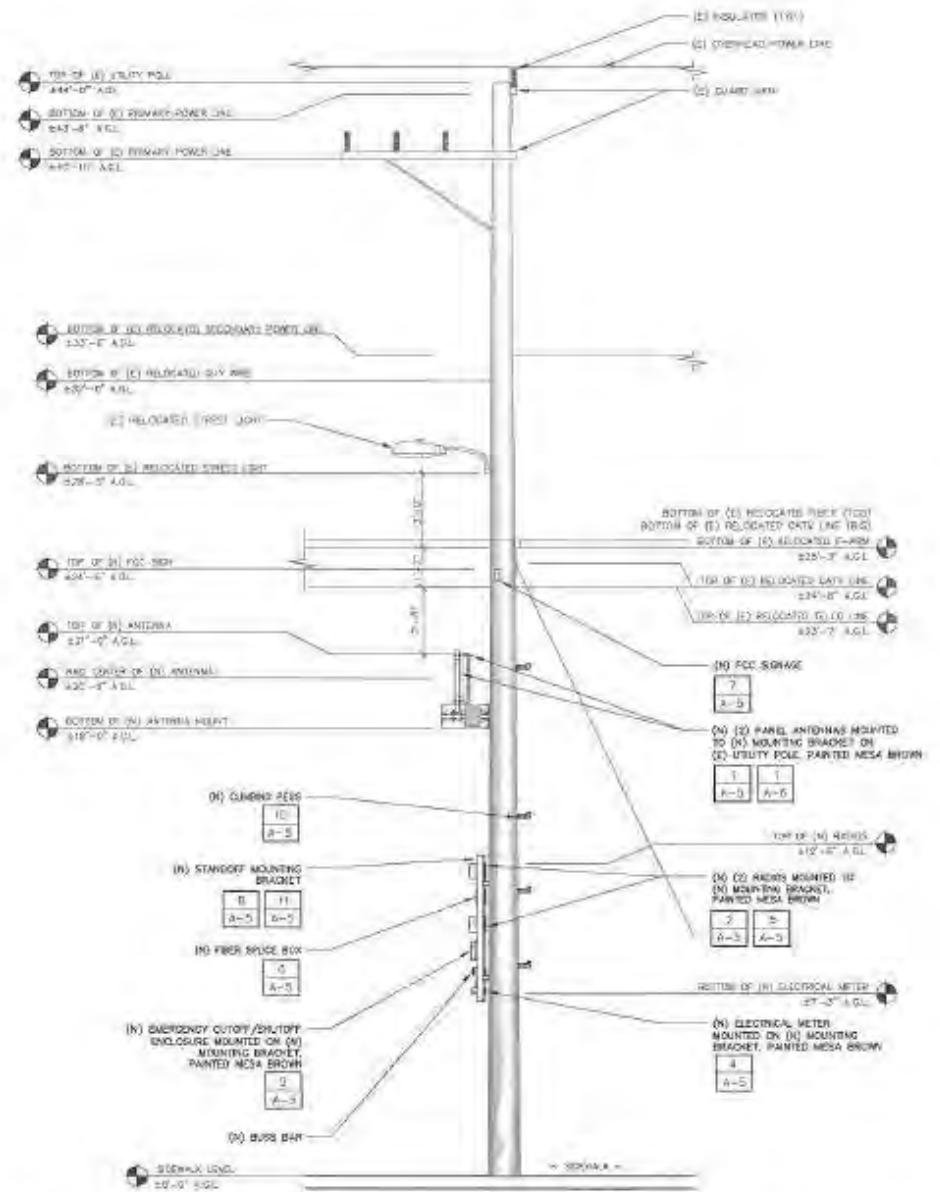
Owner/Applicant: _____

Attachment: _____

File Numbers: _____



1 EXISTING SOUTH ELEVATION



2 PROPOSED SOUTH ELEVATION



Gub'A UYc'7 ci bhmBcfh : Uj'CU_g'7 ca a i b]mi'7 ci bW'A YH]b[

Owner/Applicant:

Attachment:

File Numbers:



NW-CA-SANFRNMC - 04115A

Aerial Map

3017 Fair Oaks Avenue Redwood City, CA

12/14/16

Applied Imagination 510 914-0500

Gub'A UHc '7 ci bhmBcfH : Ujf'CU_g'7ca a i b]mi7 ci bWj'A YH]b[

Owner/Applicant:

Attachment:

File Numbers:



NW-CA-SANFRNMC - 04115A
 3017 Fair Oaks Avenue Redwood City, CA

Looking Northwest from Fair Oaks Avenue

View #1

12/14/16

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 - 04115A

Looking Northeast from Fair Oaks Avenue

3017 Fair Oaks Avenue Redwood City, CA

View #2

12/14/16

Applied Imagination 510 914-0500

GUb'A UHc '7 ci bhmBcfH : Ujf'CU_g'7ca a i b]hm7 ci bWj'A YHjb[

Owner/Applicant:

Attachment:

File Numbers:

Overview of Proposed facility and Alternative locations



GUb'A UHyc '7 ci bhmBcfh ' : Ujf'CU_g'7ca a i b]hm'7 ci bW' A YH]b[

Owner/Applicant:

Attachment:

File Numbers:

Alternative #1



Location has obstruction issue / RF coverage capability with the proximity to the tree.

Alternative #2



Site does not meet RF objectives (does not cover Fair Oaks)

GUb`A UHc`7 ci bhmBcfH` : Ujf`CU_g`7 ca a i b]hm7 ci bWj`A YYh]b[

Owner/Applicant:

Attachment:

File Numbers:

Alternative #3



Site will not support design under G095 guidelines

Alternative #4



Site will not support design and be GO 95 compliant

GUb'A UHyc '7 ci bhmBcfh : Ujf'CU_g'7ca a i b]hm7 ci bWj'A YHjb[

Owner/Applicant: _____

Attachment: _____

File Numbers: _____

Alternative #5



This pole will not support proposed design and stay in compliance with G095, as well as not achieving coverage objectives.

GUb`A UHc`7 ci bhmBcfH` : Ujf`CU_g`7 ca a i b]hm7 ci bWj`A YH]b[

Owner/Applicant:

Attachment:

File Numbers:

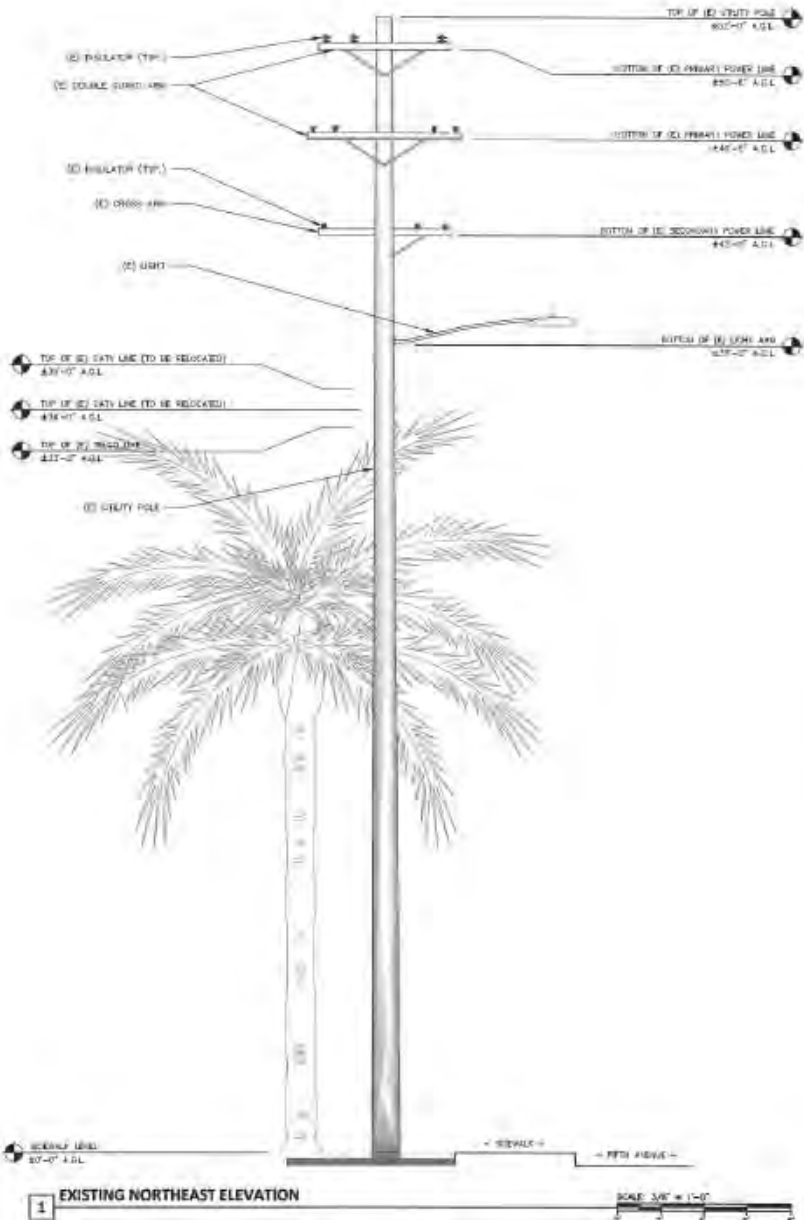


GUb`A UHc`7 ci bhmBcfH` : Ujf`CU_g`7 ca a i b]hm7 ci bWj`A YHj[b[

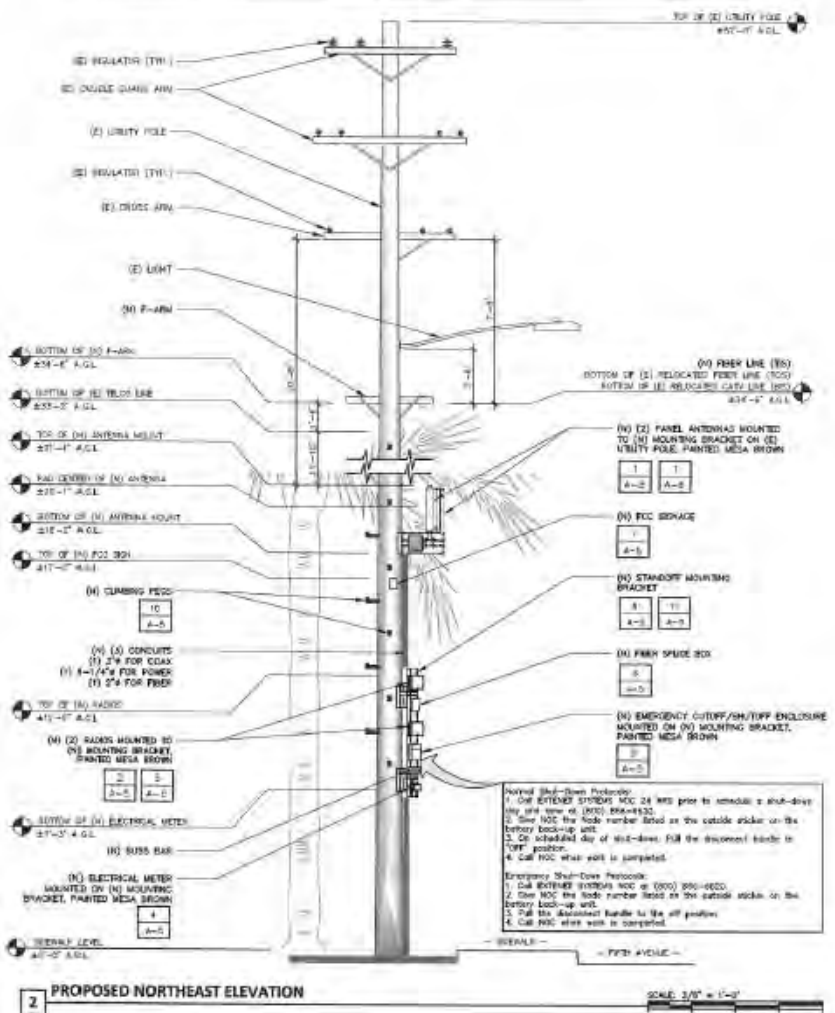
Owner/Applicant: _____

Attachment: _____

File Numbers: _____



- MAKE READY INFORMATION**
1. EXTEND CONTRACTOR TO PLACE FIVE (5) #4 ON 2\"/>
 - 2. EXTEND CONTRACTOR TO TRANSFER EXISTING CATV TO NEW F-ARM AT 34'-0\"/>
 - 3. EXTEND CONTRACTOR TO PLACE EXISTING FIBER TO NEW F-ARM AT 34'-0\"/>
 - 4. EXTEND CONTRACTOR TO INJECT FIBER INTO EXISTING FIBER TO NEW F-ARM AT 34'-0\"/>
 - 5. EXTEND CONTRACTOR TO INJECT FIBER INTO EXISTING FIBER TO NEW F-ARM AT 34'-0\"/>
 - 6. EXTEND CONTRACTOR TO INJECT FIBER INTO EXISTING FIBER TO NEW F-ARM AT 34'-0\"/>
 - 7. EXTEND CONTRACTOR TO INJECT FIBER INTO EXISTING FIBER TO NEW F-ARM AT 34'-0\"/>
 - 8. EXTEND CONTRACTOR TO INJECT FIBER INTO EXISTING FIBER TO NEW F-ARM AT 34'-0\"/>
 - 9. EXTEND CONTRACTOR TO INJECT FIBER INTO EXISTING FIBER TO NEW F-ARM AT 34'-0\"/>
 - 10. EXTEND CONTRACTOR TO INJECT FIBER INTO EXISTING FIBER TO NEW F-ARM AT 34'-0\"/>
 - 11. EXTEND CONTRACTOR TO INJECT FIBER INTO EXISTING FIBER TO NEW F-ARM AT 34'-0\"/>
 - 12. EXTEND CONTRACTOR TO INJECT FIBER INTO EXISTING FIBER TO NEW F-ARM AT 34'-0\"/>
 - 13. EXTEND CONTRACTOR TO INJECT FIBER INTO EXISTING FIBER TO NEW F-ARM AT 34'-0\"/>
 - 14. EXTEND CONTRACTOR TO INJECT FIBER INTO EXISTING FIBER TO NEW F-ARM AT 34'-0\"/>
 - 15. EXTEND CONTRACTOR TO INJECT FIBER INTO EXISTING FIBER TO NEW F-ARM AT 34'-0\"/>
 - 16. EXTEND CONTRACTOR TO INJECT FIBER INTO EXISTING FIBER TO NEW F-ARM AT 34'-0\"/>
 - 17. EXTEND CONTRACTOR TO INJECT FIBER INTO EXISTING FIBER TO NEW F-ARM AT 34'-0\"/>
 - 18. EXTEND CONTRACTOR TO INJECT FIBER INTO EXISTING FIBER TO NEW F-ARM AT 34'-0\"/>
 - 19. EXTEND CONTRACTOR TO INJECT FIBER INTO EXISTING FIBER TO NEW F-ARM AT 34'-0\"/>
 - 20. EXTEND CONTRACTOR TO INJECT FIBER INTO EXISTING FIBER TO NEW F-ARM AT 34'-0\"/>



Noted (Shut-Down Protocol):

1. Call EXTENSE SERVICES NCC 24 HRS prior to scheduled a shut-down day with time of (900) 898-4433.
2. Give NCC the lock number listed on the outside sticker on the battery back-up unit.
3. On scheduled day of shut-down, FOR the disconnect handle to VERT position.
4. Call NCC when work is completed.

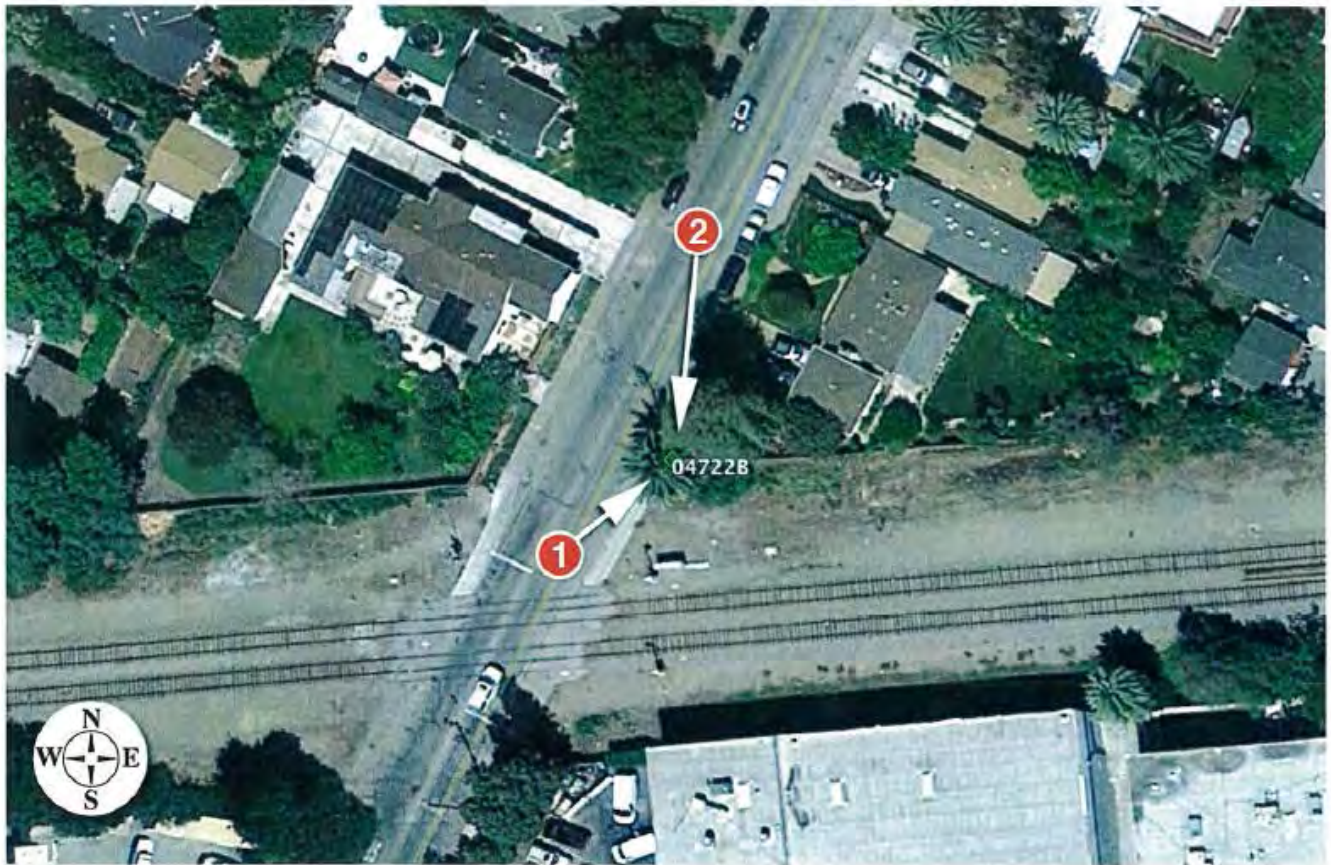
Emergency Shut-Down Protocol:

1. Call EXTENSE SERVICES NCC at (900) 898-4433.
2. Give NCC the lock number listed on the outside sticker on the battery back-up unit.
3. Call the disconnect handle to the off position.
4. Call NCC when work is completed.

Gub'A UYc'7 ci bhmBcfh : Uj'CU_g'7 ca a i b]m'7 ci bW'A YH]b[

Owner/Applicant:
File Numbers:

Attachment:



NW-CA-SANFRNMC- 04722B

Aerial Map

11/28/16

IFO 612 Fifth Avenue Redwood City, CA

Applied Imagination 510 914-0500

GUb'A UHc '7 ci bhmBcfH : Ujf'CU_g'7ca a i b]hm'7 ci bW' A YH]b[

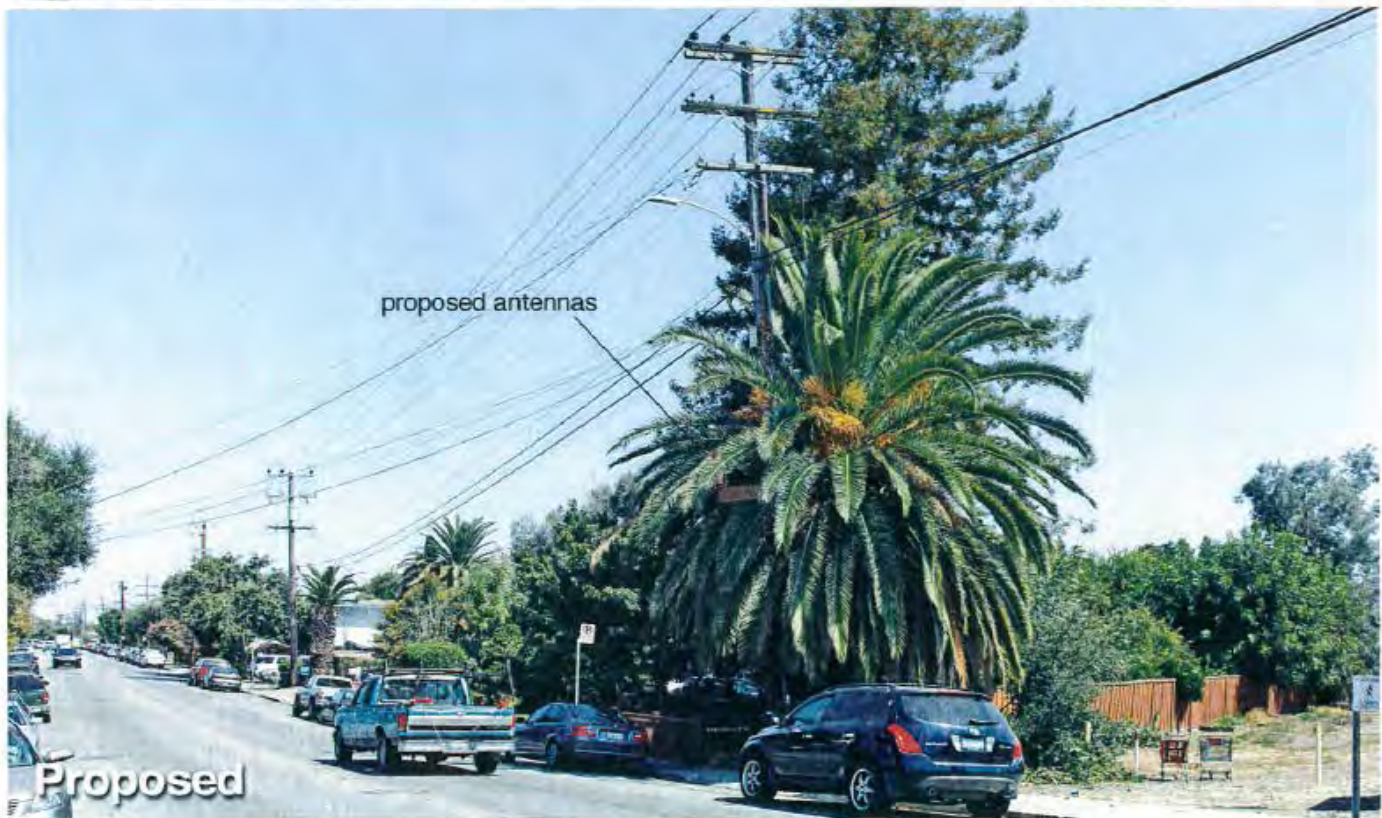
Owner/Applicant:

Attachment:

File Numbers:



Existing



Proposed



NW-CA-SANFRNMC- 04722B

Looking Northeast from Fifth Avenue

I/O 612 Fifth Avenue Redwood City, CA

View #1

11/28/16

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:



Existing



proposed antennas

Proposed



NW-CA-SANFRNMC- 04722B

Looking South from Fifth Avenue

IFO 612 Fifth Avenue Redwood City, CA

View #2

11/28/16

Applied Imagination 510 914-0500

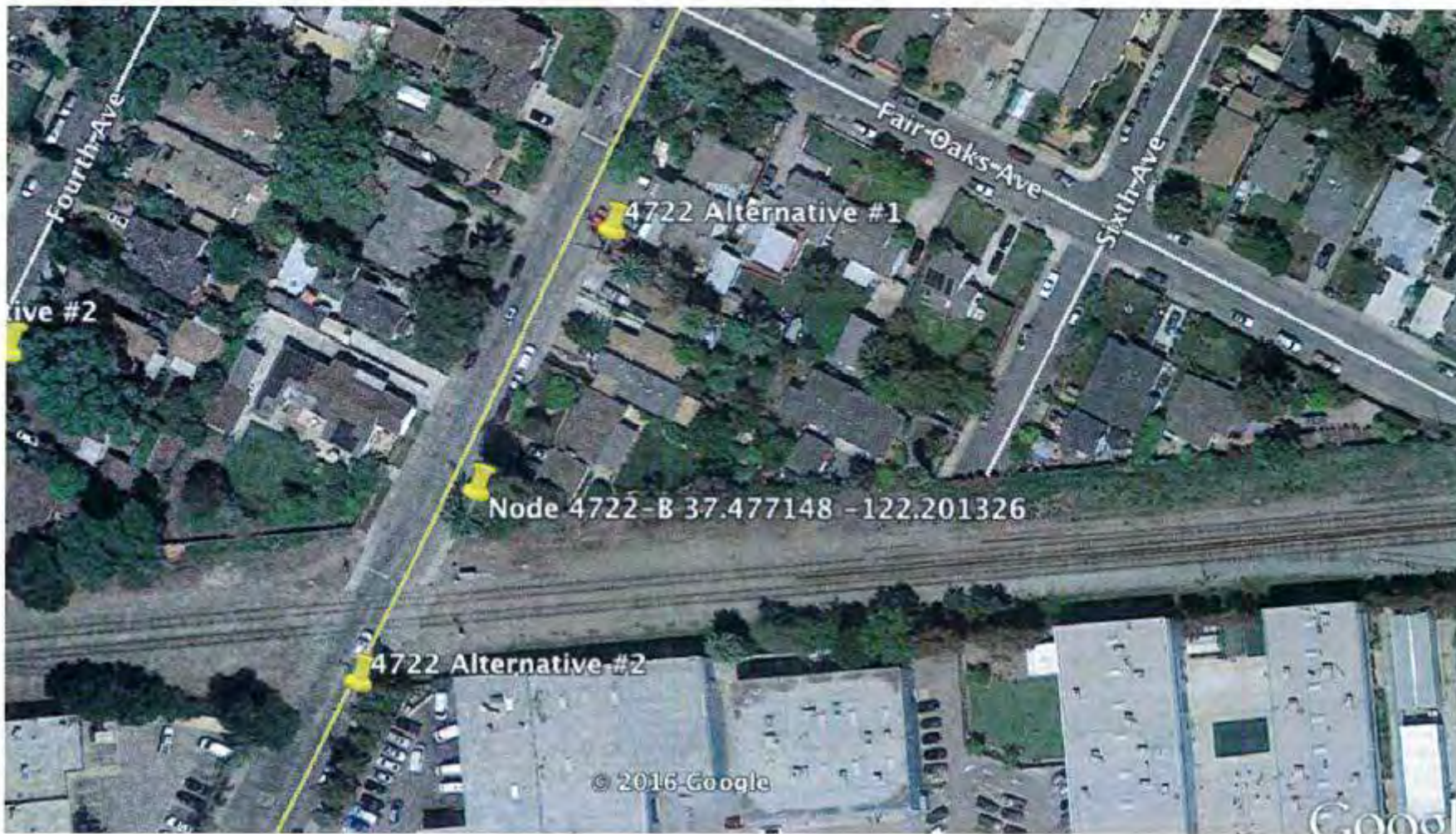
GUb'A UHc '7 ci bhmBcfH : Ujf'CU_g'7ca a i b]hm'7 ci bWj'A YH]b[

Owner/Applicant:

Attachment:

File Numbers:

Alternative Overview



San Mateo County North Fair Oaks Community Council Meeting

Owner/Applicant: _____

Attachment: _____

File Numbers: _____

Alternative Utility Poles

2

Alternate Pole NORTH #1- Potential Candidate



Alternate Pole South #2- Proposed design will not comply with GO 95 regulations



GUb`A UHyc`7 ci blmBcfH` : Ujf`CU_g`7 ca a i b]hm7 ci bWj`A YYhb[

Owner/Applicant: _____

Attachment: _____

File Numbers: _____