

File No. 110950

Committee Item No. \_\_\_\_\_

Board Item No. 16

## COMMITTEE/BOARD OF SUPERVISORS

### AGENDA PACKET CONTENTS LIST

Committee \_\_\_\_\_

Date \_\_\_\_\_

Board of Supervisors Meeting

Date 10/25/11

#### Cmte Board

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|--------------------------|-------------------------------------|--|
| <input type="checkbox"/> | <input type="checkbox"/>            | Motion                                       |
| <input type="checkbox"/> | <input type="checkbox"/>            | Resolution                                   |
| <input type="checkbox"/> | <input type="checkbox"/>            | Ordinance                                    |
| <input type="checkbox"/> | <input type="checkbox"/>            | Legislative Digest                           |
| <input type="checkbox"/> | <input type="checkbox"/>            | Budget Analyst Report                        |
| <input type="checkbox"/> | <input type="checkbox"/>            | Legislative Analyst Report                   |
| <input type="checkbox"/> | <input type="checkbox"/>            | Introduction Form (for hearings)             |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | Department/Agency Cover Letter and/or Report |
| <input type="checkbox"/> | <input type="checkbox"/>            | MOU  |
| <input type="checkbox"/> | <input type="checkbox"/>            | Grant Information Form                       |
| <input type="checkbox"/> | <input type="checkbox"/>            | Grant Budget                                 |
| <input type="checkbox"/> | <input type="checkbox"/>            | Subcontract Budget                           |
| <input type="checkbox"/> | <input type="checkbox"/>            | Contract/Agreement                           |
| <input type="checkbox"/> | <input type="checkbox"/>            | Award Letter                                 |
| <input type="checkbox"/> | <input type="checkbox"/>            | Application                                  |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | Public Correspondence                        |

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- |                          |                          |  |
|--------------------------|--------------------------|--|
| <input type="checkbox"/> | <input type="checkbox"/> | Conditional Use Appeal - 4141 Geary Boulevard/450 - 6 <sup>th</sup> Avenue |
| <input type="checkbox"/> | <input type="checkbox"/> | _____  |
| <input type="checkbox"/> | <input type="checkbox"/> | _____  |

Completed by: Joy Lamug

Date September 22, 2011

Completed by: \_\_\_\_\_

Date \_\_\_\_\_

An asterisked item represents the cover sheet to a document that exceeds 20 pages. The complete document is in the file.

4141 Geary, Verizon Antenna Appeal, letters to request continuance  
LinShao Chin to: Joy Lamug, Rick Caldeira, AnMarie Rodgers, Judson True

09/19/2011 03:50 PM

Hi All,

Attached are letters from the appellant and Verizon wireless requesting a continuance on the 4141 Geary appeal hearing.

They are requesting the item be continued from 9/27 to 10/25.

Thanks,  
Linshao



4141 geary Letter to Clerk of the Board.pdf 4141 geary verizon letter.pdf

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Mailing Address:  
1 Dr. Carlton B. Goodlett Place, Room 244  
San Francisco, CA 94102-4689

Internship position at Supervisor Mar's office:  
<http://www.sfbos.org/index.aspx?page=12209>



9/19/2011

**Clerk of the Board**

1 Dr. Carlton B. Goodlett Place, City Hall, Room 244  
San Francisco, Ca. 94102-4689  
(415) 554-5184 - voice | (415) 554-5163 - fax  
Board.of.Supervisors@sfgov.org

To: Clerk of the Board

I am the appellant in 4141 Geary Blvd appeal. I am requesting that the Board of Supervisors continue the appeal from September 27, 2011 to October 25, 2011.

Sincerely,

Jacquelyn Coe  
Administrator  
415.386.0184 w  
415.710.8523 c  
jcoo@angelaschildrencenter.com



Wireless Site Acquisition & Construction Management



September 15, 2011

To the Clerk of the Board of Supervisors of San Francisco

Verizon Wireless is requesting that the Board of Supervisors continue the appeal of 4141 Geary Blvd from September 27, 2011 to October 25, 2011.

Regards,

Gabriella Barr  
Project Manager  
Ori Air LLC representing  
Verizon Wireless  
650 387 7016



*File 110950*  
RECEIVED  
BOARD OF SUPERVISORS  
SAN FRANCISCO  
2011 OCT 20 PM 12:58  
*AA*

## **APPELLANT'S EXHIBITS**

Conditional Use Appeal of  
Verizon Wireless Facility at Kaiser French Campus  
4141 Geary Boulevard/450 6<sup>th</sup> Avenue

Case No. 2010.0951C

Before the San Francisco Board of Supervisors

Hearing Date: October 25, 2011

Submitted by Jacquelyn Coe

## INDEX OF EXHIBITS

- Exhibit A — Verizon Field Test Results
- Exhibit B — Does Verizon Have a “Capacity” Problem in the Inner Richmond?
- Exhibit C — City and County of San Francisco Emergency Response Plan ESF #2: Communications Annex
- Exhibit D — NorthStar Battery Company Lead Acid Battery Material Safety Data Sheet; Exide Technologies Lead Acid Battery Installation & Operating Instructions
- Exhibit E — Photos of Fires at Wireless Facilities
- Exhibit F — San Francisco Fire Department Fire Incidents by Prime Situation (January 1, 2009 – December 31, 2009)
- Exhibit G — Map of Wireless Facilities on Utility Poles in the Richmond District under DPW Jurisdiction
- Exhibit H — Verizon Website Coverage Map
- Exhibit I — Petition of Support

## **EXHIBIT A**

## Exhibit A – Verizon Field Test Results

### **Testing Methodology**

A Motorola Droid X phone with a current Verizon service contract was used to conduct a series of tests to obtain signal strength and upload/download speeds for voice and data on Verizon's wireless network in the Inner Richmond. To ensure accuracy, two different applications were installed on the phone, "Cell Phone Coverage Map" by RootMetrics and "Open Signal Maps" by Staircase 3, Inc. Each application was run three separate times at every location and data collected. In certain instances where the application unexpectedly closed or returned with errors, the application was run again.

Two separate analyses were conducted. Analysis 1 (Vicinity) examined the 8 blocks immediately surrounding the proposed antenna site (approximately 500 foot radius) and Analysis 2 (Coverage) examined random locations within the coverage map Verizon labeled Marginal, Good, and Bad. For Analysis 1, tests were conducted in the middle of the north, east, south and west sides of each block on the sidewalk. See page 2 of this exhibit for test locations. For Analysis 2, tests were conducted on the sidewalk in the locations shown page 3 of this exhibit.

### **Summary of Results / Data**

#### Analysis 1 (Vicinity)

Cell Phone Coverage Map: Average signal strength was **-77 dBm** and the average number of bars (1-5) was **4 bars**. Average data upload/download speeds were **512 Kbps** and **665 Kbps**.

Open Signal Maps: Average signal strength was **83%**. Average data upload/download speeds were **527 Kbps** and **789 Kbps**.

#### Analysis 2 (Coverage)

Application	Cell Phone Coverage Map				Open Signal Maps			
Coverage Area	signal strength (-dBm)	Signal Strength (#bars of 5)	Download (Kbps)	Upload (Kbps)	Signal Strength (%)	Upload (Kbps)	Download (Kbps)	Ping (ms)
Good	77	4	1253	593	82%	753	1021	218
Marginal	80	4	713	511	81%	562	643	299
Bad / No	78	4.5	635	521	81%	759	778	316

### **Analysis of Data Collected**

According to Verizon's website, *fast download ranges from 600Kbps to 1.4 Mbps and fast upload ranges from 500Kbps to 800 Kbps*.

Analysis 1 (Vicinity): The average signal strength was equal to the area considered "Good Coverage" by Verizon and the upload/download speeds were within the range considered to be "fast" according to Verizon's website.

Analysis 2 (Coverage): The signal strength in all three areas was the same. For the "Good Coverage" area, the download speeds were generally higher than the other two areas; however, the upload speeds were comparable. The average upload/download speeds within the "Marginal Coverage" area was considered to be "fast". The two areas labeled as "Bad or No Coverage" also returned "fast" upload/download speeds.

### **Conclusion**

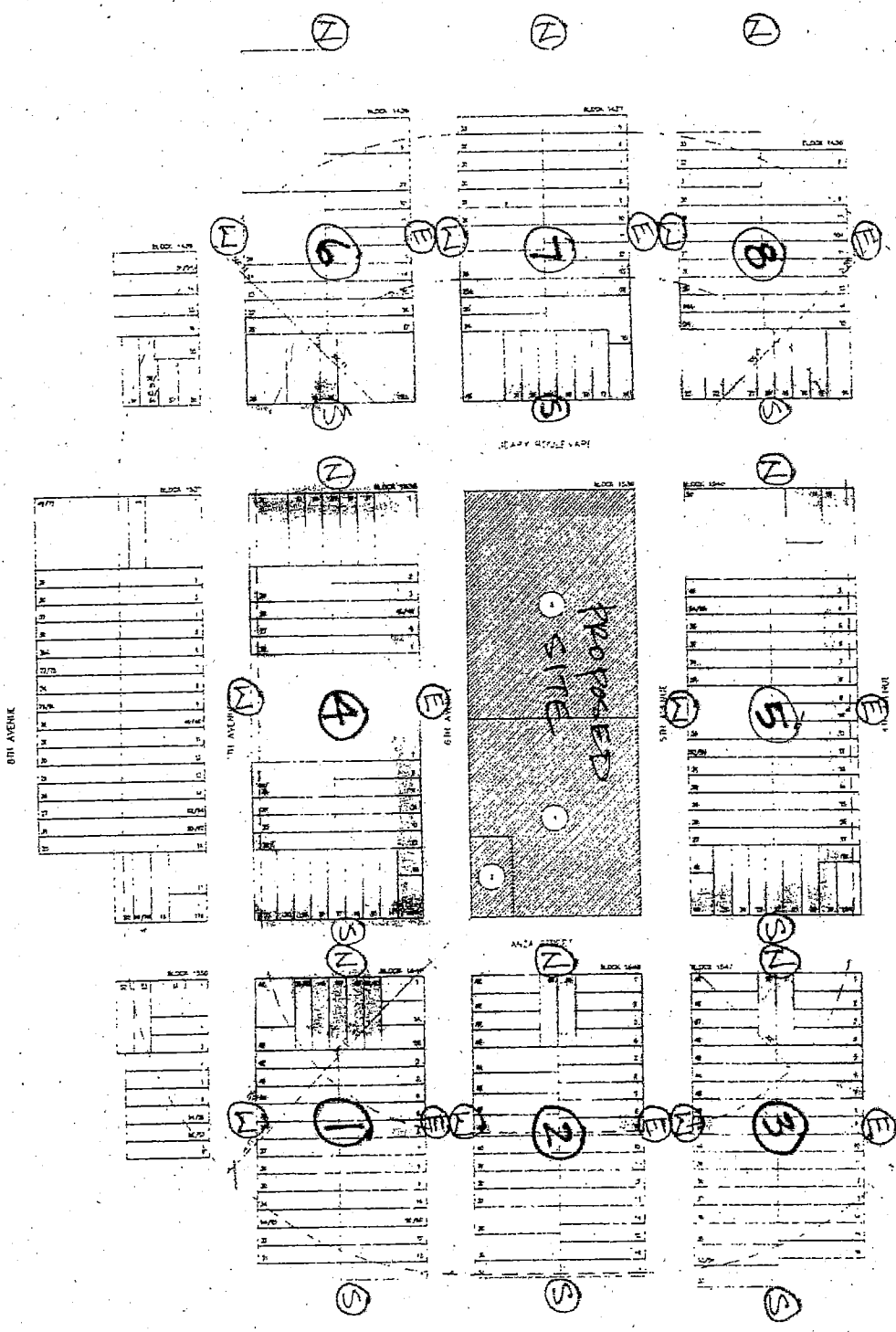
It is clear that although the average download speeds in the "Good Coverage" area were higher than the other areas investigated, the upload speeds were comparable with the "Marginal Coverage" and "Bad or No Coverage" areas. Furthermore, the "Marginal Coverage" and "Bad or No Coverage" areas returned data speeds that were considered "fast" by Verizon's standards.

The information contained herein is the property of the Department of Defense and is to be controlled under the provisions of the Arms Export Control Act (22 U.S.C. 1792) and the Arms Export Control Regulations (22 CFR 120.11). It is to be controlled under the provisions of the Arms Export Control Act (22 U.S.C. 1792) and the Arms Export Control Regulations (22 CFR 120.11).

# ANALYSIS I - VICINITY

# - Block Surrounding Proposed

WSE - Test Locations

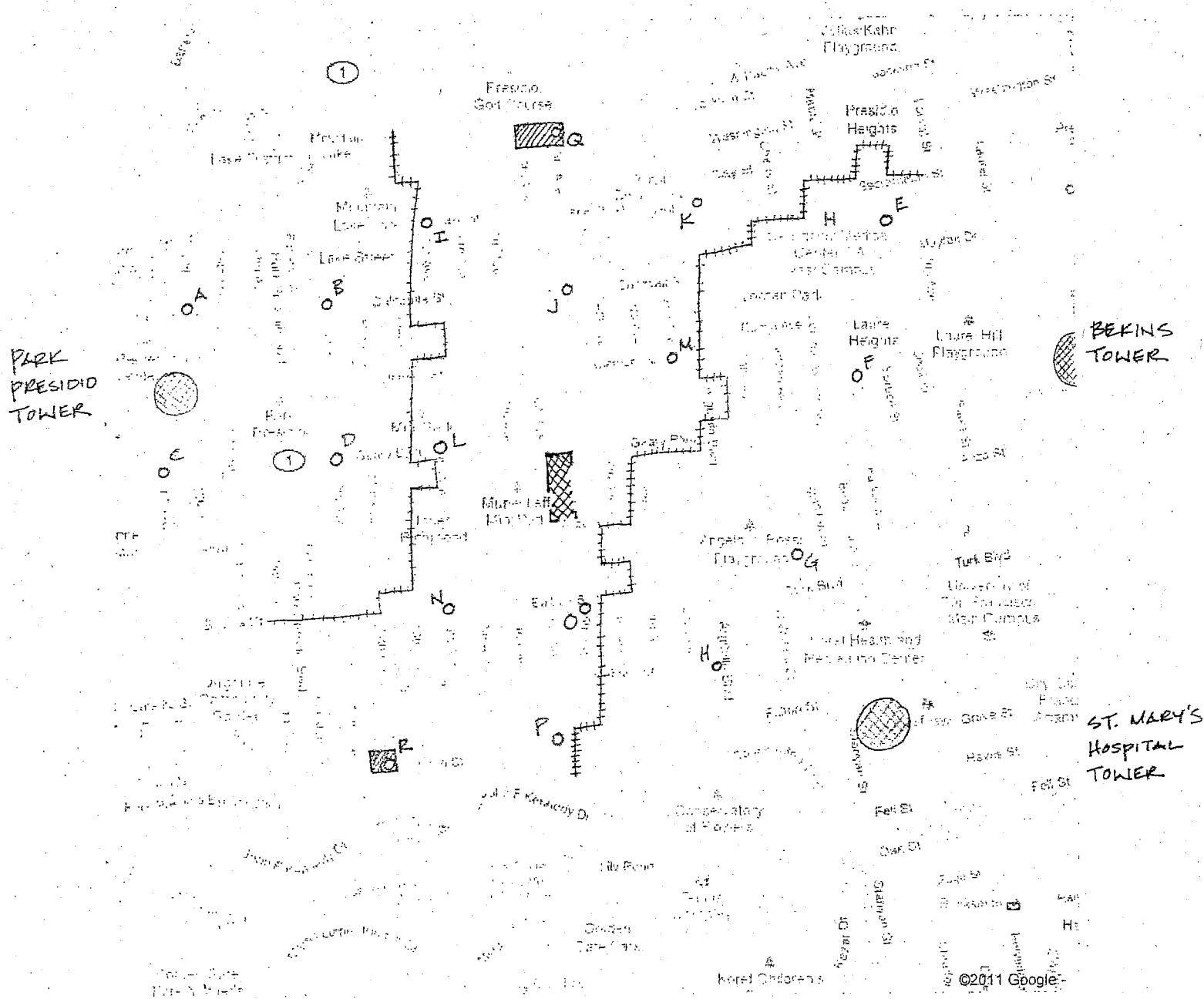


300 FOOT  
500 FOOT  
RADIUS MAP

DATE: 10/11/11  
BY: [Signature]  
DIVISION: [Signature]

Google

## ANALYSIS 2-COVERAGE



- PROPOSED VERIZON ANTENNA SITE



- EXISTING VERIZON ANTENNA SITE

- - - - - BORDER BETWEEN "GOOD" AND "MARGINAL" COVERAGE AREA



- "BAD OR NO" COVERAGE AREA

O - TEST LOCATIONS

# Analysis 1 (Vicinity)

Block #	Location / Direction	Cell Phone Coverage Map			Open Signal Maps					Date	Time
		Signal strength (-dbm)	Signal Strength (#bars of 5)	Download (Kbps)	Upload (Kbps)	Signal Strength (%)	Upload (Kbps)	Download (Kbps)	Ping (ms)		
1	n	68	5	1040	721	90%	429	938	233	sat 10/2	2-6pm
n		62	5	1766	459	89%	625	733	300	sat 10/2	2-6pm
n		68	5	1778	664	87%	720	1038	224	sat 10/2	2-6pm
s		82	4	509	66	79%	717	575	265	sat 10/2	2-6pm
s		73	5	667	393	86%	718	349	510	sat 10/2	2-6pm
s		73	5	770	524	85%	528	612	156	sat 10/2	2-6pm
e		79	4	420	328	83%	141	166	956	sat 10/8	3-7pm
e		80	4	579	220	84%	135	323	926	sat 10/8	3-7pm
e		82	4	520	197	84%	175	273	337	sat 10/8	3-7pm
w		77	4	831	614	79%	526	1142	116	sat 10/8	3-7pm
w		87	4	877	524	70%	494	1194	111	sat 10/8	3-7pm
w		76	4	732	524	79%	475	1079	193	sat 10/8	3-7pm
2	n	69	5	604	328	90%	429	354	573	sat 10/2	2-6pm
n		70	5	707	393	87%	243	248	515	sat 10/2	2-6pm
n		65	5	650	262	85%	339	249	593	sat 10/2	2-6pm
s		77	4	879	393	85%	266	529	113	sat 10/2	2-6pm
s		70	5	1044	197	84%	429	336	162	sat 10/2	2-6pm
s		84	4	931	336	85%	332	419	185	sat 10/2	2-6pm
e		89	3	316	131	84%	258	212	368	sat 10/8	3-7pm
e		88	3	287	131	84%	455	474	550	sat 10/8	3-7pm
e		78	4	310	197	84%	541	451	505	sat 10/8	3-7pm
w		83	4	987	628	83%	300	850	115	sat 10/8	3-7pm
w		85	4	1309	598	84%	498	471	151	sat 10/8	3-7pm
w		78	4	1132	664	83%	290	544	364	sat 10/8	3-7pm
3	n	68	5	240	328	86%	256	244	403	sat 10/2	2-6pm
n		73	5	251	174	87%	293	227	160	sat 10/2	2-6pm
n		71	5	183	262	86%	362	559	113	sat 10/2	2-6pm
s		79	4	787	524	83%	670	473	490	sat 10/2	2-6pm
s		90	3	708	664	75%	616	481	589	sat 10/2	2-6pm
s		91	3	801	524	79%	487	308	539	sat 10/2	2-6pm
e		73	5	819	262	79%	727	770	110	sat 10/8	3-7pm

Cell Phone Coverage Map						Open Signal Maps					
Block #	Location / Direction	signal strength (-dbm)	Signal Strength (#bars of 5)	Download (Kbps)	Upload (Kbps)	Signal Strength (%)	Upload (Kbps)	Download (Kbps)	Ping (ms)	Date	Time
	e	77	4	606	197	80%	492	1682	168	sat 10/8	3-7pm
	e	76	4	619	131	86%	622	1155	133	sat 10/8	3-7pm
	w	78	4	412	475	70%	309	267	509	sat 10/8	3-7pm
	w	79	4	353	328	87%	253	189	215	sat 10/8	3-7pm
	w	71	5	454	262	90%	347	159	281	sat 10/8	3-7pm
4 n		75	5	791	671	85%	340	3258	339	sat 10/2	3-7pm
n		80	4	739	606	84%	244	3676	337	sat 10/2	3-7pm
n		79	4	871	745	79%	334	3465	372	sat 10/2	2-6pm
s		77	4	1730	663	85%	1398	462	160	sat 10/2	2-6pm
s		69	5	1259	393	85%	1548	861	182	sat 10/2	2-6pm
s		70	5	1096	794	86%	1440	688	193	sat 10/2	2-6pm
e		80	4	647	328	82%	382	598	159	sat 10/8	3-7pm
e		78	4	668	459	83%	444	354	104	sat 10/8	3-7pm
e		76	4	887	458	84%	344	270	156	sat 10/8	3-7pm
w		74	5	1157	328	93%	1230	956	106	sat 10/8	3-7pm
w		77	4	1266	417	84%	1060	642	105	sat 10/8	3-7pm
w		76	4	1537	524	87%	1535	785	130	sat 10/8	3-7pm
5 n		74	5	511	885	85%	341	498	124	sat 10/8	3-7pm
n		70	5	520	671	86%	333	328	310	sat 10/8	3-7pm
n		74	5	497	688	85%	426	420	135	sat 10/8	3-7pm
s		83	4	457	393	84%	330	283	278	sat 10/8	3-7pm
s		83	4	309	598	79%	249	224	680	sat 10/8	3-7pm
s		82	4	381	524	86%	233	128	195	sat 10/8	3-7pm
e		74	5	333	524	79%	426	229	227	sat 10/2	2-6pm
e		72	5	272	795	70%	455	141	219	sat 10/2	2-6pm
e		77	4	218	524	83%	337	208	130	sat 10/2	2-6pm
w		72	5	1169	655	84%	229	3228	194	sat 10/2	2-6pm
w		72	5	1185	663	79%	237	6662	144	sat 10/2	2-6pm
w		71	5	1178	811	83%	160	4427	134	sat 10/2	2-6pm
6 n		78	4	949	533	79%	844	285	115	sat 10/8	3-7pm
n		79	4	865	795	83%	980	342	135	sat 10/8	3-7pm
n		81	4	1029	397	75%	1100	436	303	sat 10/8	3-7pm
s		77	4	251	524	87%	199	323	155	sat 10/8	3-7pm



Cell Phone Coverage Map						Open Signal Maps					
Block #	Location / Direction	Signal strength (-dbm)	Signal Strength (#bars of 5)	Download (Kbps)	Upload (Kbps)	Signal Strength (%)	Upload (Kbps)	Download (Kbps)	Ping (ms)	Date	Time
s		79	4	252	524	89%	284	163	263	sat 10/8	3-7pm
s		79	4	219	598	87%	199	323	155	sat 10/8	3-7pm
e		71	5	291	540	79%	465	283	806	sat 10/2	2-6pm
e		80	4	221	729	75%	429	214	278	sat 10/2	2-6pm
e		78	4	248	614	75%	447	103	1641	sat 10/2	2-6pm
w		78	4	337	393	75%	122	177	143	sat 10/2	2-6pm
w		83	4	300	467	75%	143	376	210	sat 10/2	2-6pm
w		84	4	454	393	76%	119	117	193	sat 10/2	2-6pm
7 n		75	5	1295	393	87%	691	1097	103	sat 10/8	3-7pm
n		66	5	1077	598	84%	723	899	180	sat 10/8	3-7pm
n		71	5	1397	795	85%	927	1122	165	sat 10/8	3-7pm
s		86	4	369	729	83%	589	282	208	sat 10/8	3-7pm
s		78	4	441	466	84%	457	583	128	sat 10/8	3-7pm
s		80	4	468	614	83%	502	427	148	sat 10/8	3-7pm
e		71	5	344	745	79%	427	378	194	sat 10/2	2-6pm
e		81	4	325	589	83%	426	351	680	sat 10/2	2-6pm
e		77	4	297	524	85%	478	448	459	sat 10/2	2-6pm
w		82	4	866	598	83%	396	3371	463	sat 10/2	2-6pm
w		83	4	903	396	85%	405	3975	128	sat 10/2	2-6pm
w		87	4	798	786	79%	315	4254	552	sat 10/2	2-6pm
8 n		89	5	439	664	70%	970	347	99	sat 10/8	3-7pm
n		88	3	547	803	75%	606	264	162	sat 10/8	3-7pm
n		85	4	497	524	79%	746	279	777	sat 10/8	3-7pm
s		70	5	272	598	83%	1298	148	511	sat 10/8	3-7pm
s		77	4	232	528	65%	1156	103	89	sat 10/8	3-7pm
s		68	5	206	459	85%	1181	123	125	sat 10/8	3-7pm
e		73	5	433	802	83%	617	93	306	sat 10/8	3-7pm
e		70	5	304	567	85%	681	77	162	sat 10/8	3-7pm
e		72	5	379	729	84%	529	82	190	sat 10/8	3-7pm
w		72	5	388	720	85%	494	279	212	sat 10/8	3-7pm
w		77	4	304	802	85%	506	294	170	sat 10/8	3-7pm
w		77	4	244	524	87%	546	430	207	sat 10/8	3-7pm
Average		77	4	665	512	83%	527	789	293		

# Analysis 2 (Coverage)

Cell Phone Coverage Map					Open Signal Maps						
Block #	Location / Direction	Signal strength (-dbm)	Signal Strength (#bars of 5)	Download (Kbps)	Upload (Kbps)	Signal Strength (%)	Upload (Kbps)	Download (Kbps)	Ping (ms)	Date	Time
A	"Good"	69	5	1921	598	89%	819	1074	691	Tues 10/11	4-8pm
A	"Good"	74	5	1177	590	87%	411	954	125	Tues 10/11	4-8pm
A	"Good"	70	5	1120	644	85%	967	1158	150	Tues 10/11	4-8pm
B	"Good"	76	4	1092	524	85%	908	1541	96	Tues 10/11	4-8pm
B	"Good"	79	4	1818	524	85%	917	1460	115	Tues 10/11	4-8pm
B	"Good"	80	4	1902	598	79%	916	1617	362	Tues 10/11	4-8pm
C	"Good"	68	5	1630	729	84%	696	1960	97	Tues 10/11	4-8pm
C	"Good"	79	4	2176	459	83%	1098	1745	132	Tues 10/11	4-8pm
C	"Good"	81	4	565	467	84%	994	1592	106	Tues 10/11	4-8pm
D	"Good"	83	4	1332	467	83%	618	865	84	Tues 10/11	4-8pm
D	"Good"	81	4	984	598	79%	869	672	610	Tues 10/11	4-8pm
D	"Good"	75	5	1305	664	83%	538	770	118	Tues 10/11	4-8pm
E*	"Good"	*	*	*	*	*	*	*	*	Tues 10/11	4-8pm
E*	"Good"	*	*	*	*	*	*	*	*	Tues 10/11	4-8pm
E*	"Good"	*	*	*	*	*	*	*	*	Tues 10/11	4-8pm
F	"Good"	76	4	1521	590	85%	820	819	102	Tues 10/11	4-8pm
F	"Good"	76	4	1035	589	85%	364	954	153	Tues 10/11	4-8pm
F	"Good"	76	4	1029	811	85%	675	687	168	Tues 10/11	4-8pm
G	"Good"	79	4	788	802	79%	925	567	170	Tues 10/11	4-8pm
G	"Good"	76	4	978	737	75%	623	598	395	Tues 10/11	4-8pm
G	"Good"	78	4	675	598	79%	707	878	291	Tues 10/11	4-8pm
H	"Good"	78	4	1418	598	70%	489	444	349	Tues 10/11	4-8pm
H	"Good"	85	4	818	336	83%	958	448	145	Tues 10/11	4-8pm
H	"Good"	85	4	1026	524	83%	505	643	117	Tues 10/11	4-8pm
Average		77	4	1253	593	82%	753	1021	218		

\* In this location over 20 attempts were made, but returned with irreconcilable errors; therefore, this set has been omitted.

Cell Phone Coverage Map						Open Signal Maps					
Block #	Location / Direction	Signal strength (-dbm)	Signal Strength (#bars of 5)	Download (Kbps)	Upload (Kbps)	Signal Strength (%)	Upload (Kbps)	Download (Kbps)	Ping (ms)	Date	Time
I	"marginal"	83	5	689	524	79%	961	657	129	Tues 10/11	4-8pm
I	"marginal"	83	5	406	664	83%	738	1315	384	Tues 10/11	4-8pm
I	"marginal"	76	4	968	262	84%	542	658	405	Tues 10/11	4-8pm
J	"marginal"	75	5	1707	786	79%	408	1138	131	Tues 10/11	4-8pm
J	"marginal"	84	4	758	664	75%	647	1321	81	Tues 10/11	4-8pm
J	"marginal"	76	4	643	721	79%	485	1461	994	Tues 10/11	4-8pm
K	"marginal"	86	4	582	231	75%	469	169	167	Tues 10/11	4-8pm
K	"marginal"	90	3	500	262	79%	345	365	270	Tues 10/11	4-8pm
K	"marginal"	88	3	637	262	75%	318	216	139	Tues 10/11	4-8pm
L	"marginal"	77	4	527	877	79%	727	507	185	Tues 10/11	4-8pm
L	"marginal"	76	4	602	624	83%	775	217	244	Tues 10/11	4-8pm
L	"marginal"	79	4	477	533	75%	436	389	132	Tues 10/11	4-8pm
M	"marginal"	78	4	725	721	83%	550	727	109	Tues 10/11	4-8pm
M	"marginal"	75	5	767	533	75%	380	1657	214	Tues 10/11	4-8pm
M	"marginal"	74	5	790	664	79%	915	1401	158	Tues 10/11	4-8pm
N	"marginal"	80	4	952	524	84%	647	284	363	Tues 10/11	4-8pm
N	"marginal"	77	4	1466	422	84%	584	387	684	Tues 10/11	4-8pm
N	"marginal"	76	4	1235	467	84%	777	296	179	Tues 10/11	4-8pm
O	"marginal"	81	4	498	428	89%	507	302	305	Tues 10/11	4-8pm
O	"marginal"	73	5	369	467	86%	684	458	323	Tues 10/11	4-8pm
O	"marginal"	75	5	654	459	85%	505	852	234	Tues 10/11	4-8pm
P	"marginal"	82	4	413	401	79%	361	366	324	Tues 10/11	4-8pm
P	"marginal"	82	4	362	370	83%	306	147	463	Tues 10/11	4-8pm
P	"marginal"	83	4	387	393	84%	416	152	561	Tues 10/11	4-8pm
Average		80	4	713	511	81%	562	643	299		

Cell Phone Coverage Map					Open Signal Maps			Ping (ms)	Date	Time
Block #	Location / Direction	signal strength (-dbm)	Signal Strength (#bars of 5)	Download (Kbps)	Upload (Kbps)	Signal Strength (%)	Upload (Kbps)			
Q	"Bad / No"	73	5	725	459	84%	1043	87	Tues 10/11	4-8pm
Q	"Bad / No"	73	5	618	590	83%	983	461	Tues 10/11	4-8pm
Q	"Bad / No"	75	5	768	470	84%	811	412	Tues 10/11	4-8pm
R	"Bad / No"	78	4	532	467	83%	487	187	Tues 10/11	4-8pm
R	"Bad / No"	80	4	620	614	79%	534	348	Tues 10/11	4-8pm
R	"Bad / No"	86	4	547	524	75%	695	401	Tues 10/11	4-8pm
Average		78	4.5	635	521	81%	759	316		

### Summary of Data

Area	signal strength (-dbm)	Signal Strength (#bars of 5)	Download (Kbps)	Upload (Kbps)	Signal Strength (%)	Upload (Kbps)	Download (Kbps)	Ping (ms)
Good	77	4	1253	593	82%	753	1021	218
Marginal	80	4	713	511	81%	562	643	299
Bad / No	78	4.5	635	521	81%	759	778	316

According to Verizon's website

fast download speed: 600 kbps to 1.4 Mbps

fast upload speed: 500 kbps to 800 kbps

## **EXHIBIT B**

## Does Verizon Have a "Capacity" Problem in the Inner Richmond?

"Capacity" refers to the number of Verizon customers that can access Verizon's wireless network in a given area at the same time without experiencing a dropped or blocked call.

To conclusively prove that it has a problem with its 'capacity' in Verizon's coverage area in the Inner Richmond (which Verizon has defined as the area bounded by Fulton Street, Arguello Blvd., Lake Street and 20<sup>th</sup> Avenue), Verizon must provide the following information:

The total number of calls its network handles in the area within a given period of time (*e.g.*, one day, one week or one month)

The total number of calls that went through successfully

The total number of calls that were blocked or dropped

The reasons why each of these blocked or dropped calls did not go through

For example, how many calls were dropped because the batteries in the customer's wireless device were not adequately charged?

How many calls were dropped because the customers' software was not up-to-date?

How many calls were dropped to make way for a 911 call that was dialed?

How many were blocked because of back-end network issues that have nothing to do with the availability of wireless signal in the area?

Unless Verizon is willing to present all this information, it by definition cannot prove it has a problem with 'capacity' in the Inner Richmond.

## **EXHIBIT C**



*City and County of San Francisco Emergency Response Plan*

# **ESF #2:**

## **Communications Annex**





## Telephone Communications

System	Description
<b>Cellular Telephones</b>	Cellular telephones are wireless radio telephones that are primarily dependent upon terrestrial cellular sites e.g., radio reception points, to enable transmission of calls. Cellular services in general are prone to disruptions due to user overload, system failures at times of disasters, emergencies and large special events, and therefore may not typically be fully reliable / dependable at such times.
<b>Government Emergency Telecommunications System (GETS)</b>	Provided by the National Communications System (NCS) in the Cyber Security & Communications Division, National Protection and Programs of the Department of Homeland Security. GETS provides National Security/Emergency Preparedness (NS/EP) personnel a high probability of completion for their phone calls when normal calling methods are unsuccessful. It is designed for periods of severe network congestion or disruption, and works through a series of enhancements to the Public Switched Telephone Network (PSTN). Users receive a GETS "calling card" to access the service.
<b>Mayor Emergency Telephone System (METS)</b>	METS is a proprietary telephone system connecting all major City buildings and departments. METS line phones are dedicated and are often identifiable as red-colored phones sets. The blue police call boxes located on the streets throughout the City operate on the METS system. These lines have the ability to call all City offices as well the ability to connect to the external public telephone network.
<b>National Warning Alert System (NAWAS) / California Warning Alert System (CALWAS)</b>	This is a dedicated, nationwide, party line telephone warning system operated on a 24 hours basis. It is used for the dissemination of warning and other emergency information from federal and state warning points to county warning points. In California, it is controlled by the California the California Emergency Management Agency (CalEMA).
<b>OASIS</b>	Operated by CalEMA, OASIS is a dedicated satellite radio phone system with low speed data capability, created to assist in emergency services coordination. It is installed in every California county Emergency Operations Center and many State facilities, including the State Warning Center. The system can be accessed via external phone lines and can also be used to access external phone lines.
<b>Plain Old Telephone System (POTS)</b>	POTS lines are the standard wired systems using land-based copper lines for voice exchange between two telephones or multiple telephones via conference calling. All City agencies are connected within their premises by a mechanical switch or a PBX server, which regulates the internal extensions and all external incoming calls. In the event of telephone service failure, each City agency may still be able to communicate within their respective premises using the POTS in the intercom mode, e.g., retain ability to call internal extensions within premises.
<b>Satellite Phones</b>	Satellite phones are commercial wireless radiotelephones that rely on radio transmissions via orbiting satellites and strictly operate under direct "line-of-sight" rules.



<b>Voice Over Internet Protocol (VOIP)</b>	The VOIP Service is a method of voice communications using Internet Protocol. The telephone numbers and extensions rely on a computer system and server which executes the call routing and interfaces with the public telephone system. The City, through the Department of Technology utilizes VOIP in a small number of City Departments. The VOIP Service can be either locally supported (within a given office or structure) or distributed through the City's Fiber Network.
<b>Wireless Priority Access (WPS)</b>	Provided by NCS in the Cyber Security & Communications Division, National Protection and Programs of the Department of Homeland Security. WPS is a method of improving connection capabilities for a limited number of authorized national security and emergency preparedness cell phone users. In the event of congestion in the wireless network, an emergency call using WPS will wait in queue for the next available channel. WPS calls do not preempt calls in progress or deny the general public's use of the radio spectrum.

**Table 2-1: Telephone Communications Systems**

## **EXHIBIT D**

# MATERIAL SAFETY DATA SHEET

## LEAD ACID BATTERY



### I. PRODUCT IDENTIFICATION:

- A. Chemical/Trade Name (per on label): Lead Acid Battery
- B. Chemical Family/Classification: Electrical Storage Battery
- C. Manufacturer's Name & Address: NorthStar Battery Co. LLC  
4000 Continental Way  
Springfield, MO 65803
- D. Contact: U.S. - NSB Safety and Health Department  
Phone: (417) 575-8219  
Fax: (417) 575-8250  
Aust. NorthStar Battery Pty Ltd  
Phone: 02 9888 1998
- E. Emergency Information: Chemtrec (US, Canada & Mexico)  
Phone: (800) 424-9300  
Chemtrec (Outside US, Canada & Mexico)  
Phone: +1 (703) 527-3887 (call collect)
- F. Non-Hazardous Classification  
Per US DOT, Northstar Battery Company products, submitted and tested by Wyle Labs, have been deemed to meet all requirements as specified in 49CFR§ 173.159 (d) for **exception** as hazardous material classification.

### II. HAZARDOUS INGREDIENTS/IDENTITY INFORMATION:

NORTH AMERICAN INFORMATION:			Air Exposure Limits (ug/m <sup>3</sup> )		
Materials	Approx % by Wt.*	CAS Number	OSHA	AGGIH (TLV)	NIOSH
Lead	50	7439-92-1	50	150	100
Lead Oxide	20	1309-60-0	50	150	100
Electrolyte (Sulfuric Acid) 1.400 sg	17	7664-93-9	1	.1	1
*Please reference Appendix I (SES-544-16) for detailed product data.					

AUSTRALIAN INFORMATION			
Chemical or Material	Australian Dangerous Goods Classification	Hazardous Substance Classification as per NOHSC Australia	Australian Poison Schedule Classification
Non-Spillable Lead Acid Battery	Exempt under A67 (NATA Identification Guide) and Clause 238 of the Australian Dangerous Goods Code, Appendix 3	R34/R41	Schedule 6 Agricultural, Domestic and Industrial Substances

Note: Product contains toxic chemicals that are subject to the reporting requirements of Section 302 and 313 of the Emergency Planning and Community Right-to-Know Act of 1986.

# MATERIAL SAFETY DATA SHEET

## LEAD ACID BATTERY



### III. PHYSICAL DATA:

Material is solid at normal temperatures.

#### A. Electrolyte:

1. Specific Gravity:
  - (a) Standard Product 1.320 +/- 0.01 kg/dm<sup>3</sup>
  - (b) BLUE Product 1.290 +/- 0.01 kg/dm<sup>3</sup>
2. Boiling Point: 110°C (230°F)
3. % Volatiles By Weight: Not Applicable
4. Solubility in Water: 100%
5. Melting Point Lead: 327°C (621°F)
6. Vapor Density: Not Determined

#### B. Appearance and Odor

1. Electrolyte is a clear liquid with an acidic odor.

### IV. HEALTH HAZARD INFORMATION:

Under normal operating conditions, because the battery is "non-spillable", the internal material will not be hazardous to your health. Only internally exposed material during production or case breakage or extreme heat (fire) may be hazardous to your health.

#### A. Routes of Entry:

1. Inhalation: Acid mist from formation process may cause respiratory irritation.
2. Skin Contact: Acid may cause irritation, burns and/or ulceration.
3. Skin Absorption Not a significant route of entry.
4. Eye Contact: Acid may cause sever irritation, burns, cornea damage and/or blindness.
5. Ingestion: Acid may cause irritation of mouth, throat, esophagus and stomach.

#### B. Signs and Symptoms of Over Exposure:

1. Acute Effects: Over exposure to lead may lead to loss of appetite, constipation, sleeplessness and fatigue. Over exposure to acid may lead to skin irritation, corneal damage of the eyes and upper respiratory system.
2. Chronic Effects: Lead and its components may cause damage to kidneys and nervous system. Acid and its components may cause lung damage and pulmonary conditions.
3. Potential to Cause Cancer: The International Agency for Research on Cancer has classified "strong inorganic acid mist containing sulfuric acid" as a Category 1 carcinogen, a substance that is carcinogenic to humans. This classification does not apply to liquid forms of sulfuric acid or sulfuric acid solutions contained within a battery. Inorganic acid mist is not generated under normal use of this product. Misuse of the product, such as overcharging, may however result in the generation of sulfuric acid mist.

# MATERIAL SAFETY DATA SHEET

## LEAD ACID BATTERY



### C. Emergency and First Aid Procedures:

1. Inhalation: Remove from exposure, move to fresh air, and apply oxygen if breathing is difficult. Consult physician immediately.
2. Skin: Wash with plenty of soap and water for at least 15 minutes. Remove any contaminated clothing. Consult physician if skin irritation appears.
3. Eyes: Flush with plenty of water immediately for at least 15 minutes, lifting lower and upper eyelids occasionally. Consult a physician immediately.
4. Ingestion: Do not induce vomiting. Give large quantities of water. Never give anything by mouth to an unconscious person. Consult a physician immediately.

### D. HANDLING AND STORAGE

1. Safe Storage: Store in a cool, dry place in closed containers. Keep away from ignition sources and high temperatures.
  1. Contact NorthStar Battery Company (417-575-8200) for shelf life information.
2. Handling: Avoid skin or eye contact. Avoid breathing vapors. Do not use near sources of ignition

V. CARCINOGENICITY: See section IV, Part B "Signs and Symptoms of Over Exposure"  
MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: See section IV, Part B "Signs and Symptoms of Over Exposure"

### VI. FIRE AND EXPLOSION HAZARD DATA:

- A. Flash Point: Hydrogen = 259°C
- B. Auto ignition Temperature: Hydrogen = 580°C
- C. Extinguishing Media: Dry chemical, foam, CO<sub>2</sub>
- D. Unusual Fire and Explosion Hazards: Hydrogen and oxygen gases are produced in the cells during normal battery operation (hydrogen is flammable and oxygen supports combustion). These gases enter the air through the vent caps. To avoid the chance of a fire or explosion, keep sparks and other sources of ignition away from the battery.
- E. Firefighting PPE: Full protective clothing and  
NIOSH-approved self-contained breathing apparatus with full facepiece

### VII. REACTIVITY DATA:

- A. Stability: Stable
- B. Conditions to Avoid: Sparks and other sources of ignition.
- C. Incompatibility: (materials to avoid)

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# MATERIAL SAFETY DATA SHEET

## LEAD ACID BATTERY



1. Lead/lead compounds: Potassium, carbides, sulfides, peroxides, phosphorus, sulfur.
  2. Battery electrolyte (acid): Combustible materials, strong reducing agents, most metals, carbides, organic materials, chlorates, nitrates, picrates, and fulminates.
- D. Hazardous Decomposition Products:
1. Lead/lead compounds: Oxides of lead and sulfur.
  2. Battery electrolyte (acid): Hydrogen, sulfur dioxide, and sulfur trioxide.
- E. Conditions to Avoid:
- High temperature. Battery electrolyte (acid) will react with water to produce heat. Can react with oxidizing or reducing agents.

### VIII. CONTROL MEASURES:

A. Engineering Controls:

Store lead/acid batteries with adequate ventilation. Room ventilation is required for batteries utilized for standby power generation. Never recharge batteries in an unventilated, enclosed space.

B. Work Practices:

Do not remove vent covers. Follow shipping and handling instructions which are applicable to the battery type. To avoid damage to terminals and seals, do not double-stack industrial batteries.

C. Personal Protective Equipment:

1. Respiratory Protection: None required under normal handling conditions. During battery formation (high-rate charge condition), acid mist can be generated which may cause respiratory irritation. Also, if acid spillage occurs in a confined space, exposure may occur. If irritation occurs, wear a respirator suitable for protection against acid mist.
2. Eyes and Face: Chemical splash goggles are preferred. Also acceptable are "visor-gogs" or a chemical face shield worn over safety glasses.
3. Hands, Arms, Body: Vinyl coated, VC, gauntlet type gloves with rough finish are preferred.
4. Other Special Clothing and Equipment: Safety shoes are recommended when handling batteries. All footwear must meet requirements of ANSI Z41.1 -Rev. 1972.

### IX. ACCIDENTAL RELEASE MEASURES:

A. Not applicable under normal conditions.

B. In case of damage resulting in breakage of the battery container, see VIII, Sec. C Personal Protective Equipment.

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**MATERIAL SAFETY DATA SHEET**  
**LEAD ACID BATTERY**



**X. PRECAUTIONS FOR SAFE HANDLING AND USE:**

- A. Hygiene Practices: Following contact with internal battery components, wash hands thoroughly before eating, drinking, or smoking.
- B. Respiratory Protection: Wear safety glasses. Do not permit flames or sparks in the vicinity of battery(s). If battery electrolyte (acid) comes in contact with clothing, discard clothing.
- C. Protective Measures:
1. Remove combustible materials and all sources of ignition. Cover spills with soda ash (sodium carbonate) or quicklime (calcium oxide). Mix well. Make certain mixture is neutral, then collect residue and place in a drum or other suitable container. Dispose of as hazardous waste.
  2. Wear acid-resistant boots, chemical face shield, chemical splash goggles, and acid-resistant gloves. Do not release unneutralized acid.
- D. Waste Disposal Method (\*):
1. Battery electrolyte (acid): Neutralize as above for a spill, collect residue, and place in a drum or suitable container. Dispose of as hazardous waste.
  2. Do not flush lead contaminated acid to sewer.
  3. In case of accidental spill, utilize personal protective equipment, i.e., face shield, rubber apron, rubber safety shoes.
  4. Batteries: Send to lead smelter for reclamation following applicable Federal, State and local regulations. Product can be recycled along with automotive (SLI) lead acid batteries.
  5. Battery may be returned, shipping pre-paid, to the manufacturer or any distributor for recycling. See 1.C for manufacturer's address or visit our web site @ [www.northstarbattery.com](http://www.northstarbattery.com).
- \*In accordance to Local, State and Federal regulations and laws.
- E. Other Handling and Storage Precautions: **None Required.**

**XI. ECOLOGICAL INFORMATION:**

Lead and its compounds can pose a threat if released to the environment.  
See Waste Disposal Method in Section X, Part D.



# MATERIAL SAFETY DATA SHEET

## LEAD ACID BATTERY



XII. NFPA HAZARD RATING: SULFURIC ACID:

Flammability (Red)	=	0
Health (Blue)	=	3
Reactivity (Yellow)	=	1

XIII. DEPARTMENT OF TRANSPORTATION AND INTERNATIONAL SHIPPING REGULATIONS:

Proper Shipping Name	UN2800 - Battery, wet, non-spillable (electric storage)
IATA	Batteries must be packed to protect against short circuits and firmly secured to skids or pallets. Packaging instruction 806 Not restricted per special provision A67.
US DOT	Northstar Battery Company products, submitted and tested by Wyle Labs, have been deemed to meet all requirements as specified in 49CFR§ 173.159 (d) for exception as hazardous material classification.
IMDG	Northstar Battery Company products, submitted and tested by Wyle Labs, have been deemed to meet all requirements as specified in special provision 238 for determination of "Non-Spillable" and are not subject to the provision of this Code.

XIV. SPECIAL REQUIREMENTS:

TLV

- Sulfuric Acid - Occupation Exposure Limit - AUSTRALIA TWA 1mg/m3, JAN1993
- Lead - Occupation Exposure Limit - AUSTRALIA TWA 0.15 mg/m3, 2002



## NorthStar Battery Lead and Acid Weights per 12-Volt Module

Battery Type			NSB13	NSB40	NSB70	NSB75	NSB90	NSB125	NSB40FT	NSB60FT	NSB90FT	NSB100FT	NSB100BT NSB100 BLUE	NSB110FT	NSB130FT	NSB155FT	NSB170FT	NSB170BT NSB170 BLUE
Electrolyte	Weight	/kg	0.8	2.7	4.5	4.5	6.2	8.5	24	3.8	5.3	6.1	6.1	6.8	8.1	9.9	10.5	10.5
		/lbs	1.8	5.9	9.9	9.9	13.8	18.6	53	8.3	11.6	13.4	13.4	14.9	17.8	21.8	23.2	23.2
	Volume	/litres	0.6	2.0	3.4	3.4	4.7	6.3	1.8	2.8	3.9	4.5	4.5	5.0	6.0	7.4	7.8	7.8
		/gallons	0.2	0.5	0.9	0.9	1.2	1.7	0.5	0.7	1.0	1.2	1.2	1.3	1.6	2.0	2.08	2.08
Acid	Weight	/kg	0.4	1.2	2.0	2.0	2.8	3.8	1.1	1.7	2.4	2.8	2.8	3.0	3.6	4.4	4.8	4.8
		/lbs	0.8	2.6	4.3	4.4	6.2	8.4	2.4	3.7	5.2	6.1	6.1	6.7	8.0	9.7	10.5	10.5
	Volume	/litres	0.2	0.6	1.1	1.1	1.5	2.1	0.6	0.9	1.3	1.5	1.5	1.7	2.0	2.4	2.6	2.6
		/gallons	0.1	0.2	0.3	0.3	0.4	0.6	0.2	0.2	0.3	0.4	0.4	0.4	0.5	0.6	0.7	0.7
	% Acid Weight to Total Weight		7%	7%	7%	7%	8%	8%	8%	8%	8%	8%	8%	8%	8%	8%	8%	8%
Lead	Weight	/kg	2.3	8.9	14.9	14.6	19.7	22.0	7.2	9.8	13.6	15.6	15.6	18.4	20.5	23.2	26.6	26.6
		/lbs	6.4	19.7	32.9	32.2	43.5	48.4	15.8	21.7	30.0	34.5	34.5	40.6	45.1	51.1	58.7	58.7
Lead Oxide	Weight	/kg	1.7	3.2	4.7	5.3	7.5	10.4	3.0	4.7	6.3	8.0	8.0	8.4	10.1	11.4	13.6	13.6
		/lbs	2.3	7.0	10.4	11.7	16.5	23.0	6.5	10.3	13.9	17.7	17.7	18.6	22.2	25.2	29.9	29.9
Cells	# of Cells		6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
Total Weight	Weight	/kg	5.7	16.3	26.8	26.7	35.4	44.3	14.1	21.6	30.5	33.5	33.5	38.7	43.4	51.9	58.2	58.2
		/lbs	11.7	36.0	59.0	59.0	78.0	98.0	31.0	48.0	67.0	74.0	74.0	85.0	96.0	114.0	128.0	128.0



**MARATHON<sup>®</sup>**

**Sprinter<sup>®</sup>**

**SUNLYTE<sup>®</sup>**

Section 92.30 2009-05

# INSTALLATION & OPERATING INSTRUCTIONS

**EXIDE<sup>®</sup>**  
TECHNOLOGIES  
INDUSTRIAL ENERGY

## SECTION 1 - GENERAL INFORMATION

### 1.0 MARATHON/SPRINTER/SUNLYTE BATTERIES

In normal use, the battery will not generate or release hydrogen gas or acid mist, and will not leak acid. However, there is the possibility that under abnormal operating conditions hydrogen gassing, acid mist, and leaking electrolyte could occur. Thus Exide Technologies Industrial Energy recommends that Section 2 of these instructions entitled "SAFETY PRECAUTIONS" be reviewed thoroughly and strictly followed when working with batteries.

## SECTION 2 - SAFETY PRECAUTIONS



The safety alert symbol at left appears throughout this manual. Where the symbol appears, obey the safety message to avoid personal injury.

### 2.0 SAFETY ALERT



#### CAUTION

Before proceeding with the unpacking, handling, installation and operation of this sealed lead-acid storage battery, the following general information should be reviewed together with the recommended safety precautions.

### 2.1 SULFURIC ACID BURNS



**DANGER**  
**SULFURIC ACID BURNS**



Batteries contain sulfuric acid which can cause burns and other serious injury. In the event of contact with sulfuric acid, flush immediately and thoroughly with water. Secure medical attention immediately.

When working with batteries, wear rubber apron and rubber gloves. Wear safety goggles or other eye protection. These will help to prevent injury if contact is made with the acid.

### 2.2 EXPLOSIVE GASES



**DANGER**  
**EXPLOSIVE GASES**



Batteries could generate explosive gases, which when released, can explode and cause blindness and other serious injury. If the safety vent opens while the explosive gases are being generated (e.g., in the event of a charger malfunction), these explosive gases will be released.

Keep sparks, flame and smoking materials away from the battery area and explosive gases.

### 2.3 ELECTRICAL SHOCK AND BURNS



**DANGER**  
**ELECTRICAL SHOCK  
AND BURNS**



All installation tools should be adequately covered with vinyl electrical tape or suitable non-conducting material to minimize the possibility of shorting across connections.

Never lay tools or other metallic objects on the batteries as shorting, explosions and personal injury may result.

Multi-cell systems attain high voltages; therefore, extreme caution must be exercised during installation of a battery system to prevent serious electrical burns or shock.

Loose or dirty connectors/connections can cause battery fires. Keep all connectors/connections clean and torques at proper values. Keep outside of batteries clean and dry. Neutralize any acid corrosion with a cloth moistened with a solution of baking soda and water, then wipe off all traces of soda.

Do not move or shift racks/cabinets once installed without first disconnecting load to rack/cabinet and all inter-rack/cabinet connections. Consult wiring diagrams for location of these connections.

Do not lift cells by terminal posts. Do not tamper with post seals, protective covers, pressure relief vents or other battery components.

Disconnect the AC and DC circuits before working on batteries or charging equipment.

Assure that personnel understand the risk of working with batteries, and are prepared and equipped to take the necessary safety precautions. These installation and operating instructions should be understood and followed. Assure that you have the necessary equipment for the work, including insulated tools, rubber gloves, rubber aprons, safety goggles and face protection.



## CAUTION !

If the foregoing precautions are not fully understood, clarification should be obtained from your nearest Exide Technologies Industrial Energy representative. Local conditions may introduce situations not covered by Exide Technologies Industrial Energy Safety precautions. If so, contact the nearest Exide Technologies Industrial Energy representative for guidance with your particular safety problem before proceeding to install or service these batteries. Refer to applicable federal, state and local regulations as well as industry standards.

### 2.4 IMPORTANT MESSAGE



The symbol at left indicates an important message. If not followed, damage to and/or impaired performance of the battery may result.

## SECTION 3 - RECEIPT OF SHIPMENT

### 3.0 DELIVERY INSPECTION

Immediately upon delivery, examine for possible damage caused in transit. Damaged packing material could indicate rough handling. Make a descriptive notation on the delivery receipt before signing. If cell or unit damage is found, request an inspection by the carrier and file a damage claim immediately. Any battery with post or seal damage should be replaced.

### 3.1 CONCEALED DAMAGE

Within 15 days of receipt, examine all batteries for concealed damage. If damage is noted, immediately request an inspection by the carrier and file a concealed damage claim. Any delay in notifying carrier may result in loss of right to reimbursement for damages.

## SECTION 4 - STORAGE PRIOR TO INSTALLATION

### 4.0 STORAGE LOCATION



If the battery is not to be installed at the time of receipt, it is recommended that it be stored indoors in a cool [25°C (77°F)], clean, dry location. Do not stack pallets or possible battery damage may occur.

### 4.1 STORAGE INTERVAL



The storage intervals between the date of shipment and the date of initial charge should not exceed six (6) months. The battery should be given its initial charge (refer to Section 8) before the end of the above stated storage interval. Storage at elevated temperatures will result in accelerated rates of self discharge. A general rule of thumb is that for every 10°C (18°F) increase above 25°C (77°F) the time interval for initial charge should be halved. For example, if a battery was stored at 35°C (95°F) the initial charge time interval would be 3 months. If the battery was stored at 30°C (86°F) the initial charge time interval would be 4.5 months. Storage beyond these periods without proper charge can result in excessive sulfation of plates which is detrimental to battery performance and life.

## SECTION 5 - GENERAL INSTALLATION CONSIDERATIONS

Prior to starting the installation of the MARATHON/SPRINTER/SUNLYTE battery system, a review of this section is strongly recommended.

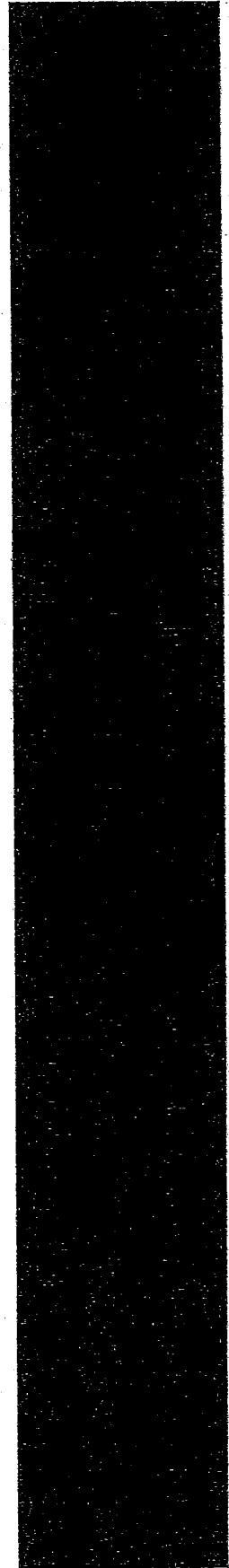
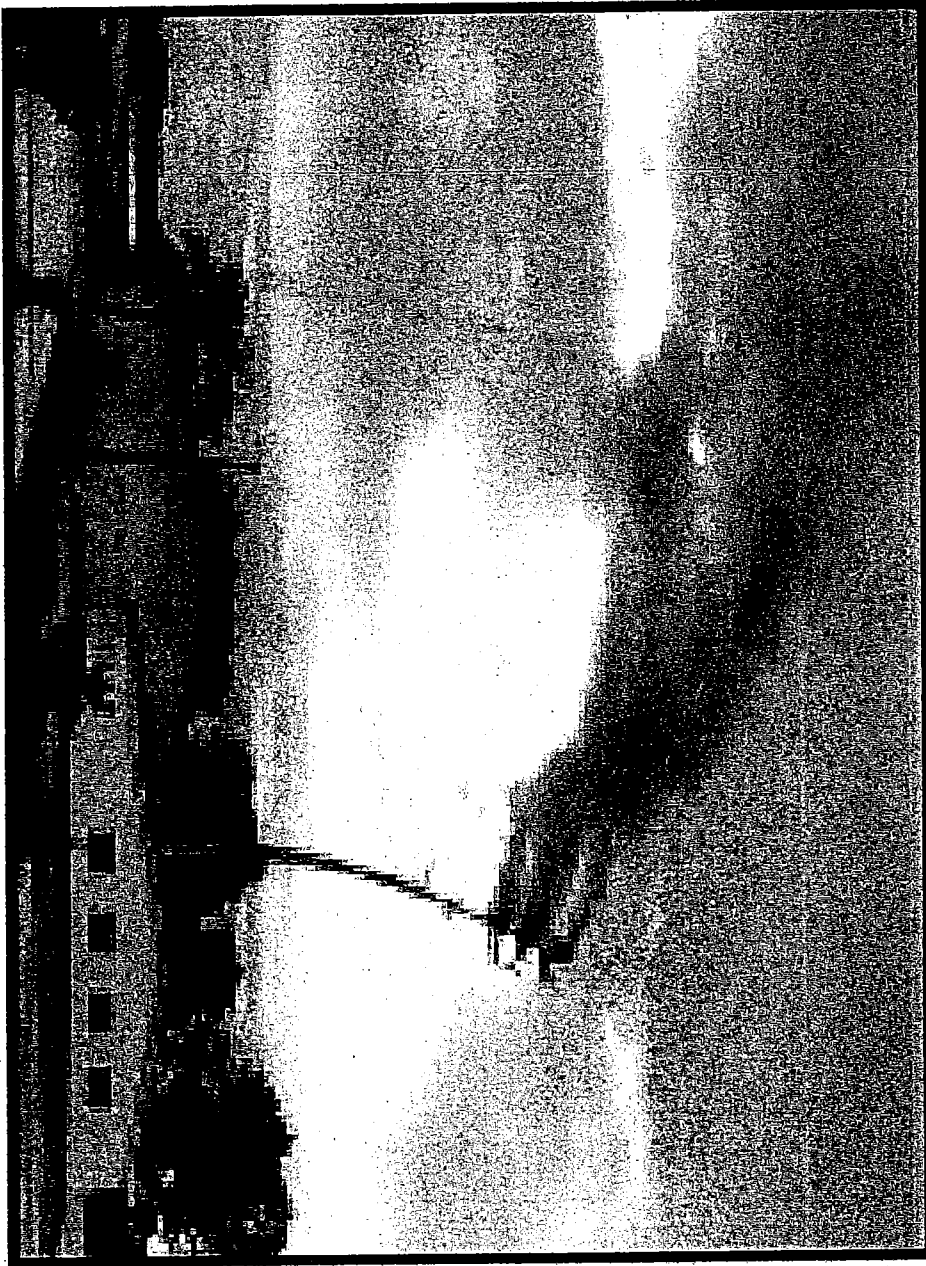
### 5.0 BATTERY LOCATION



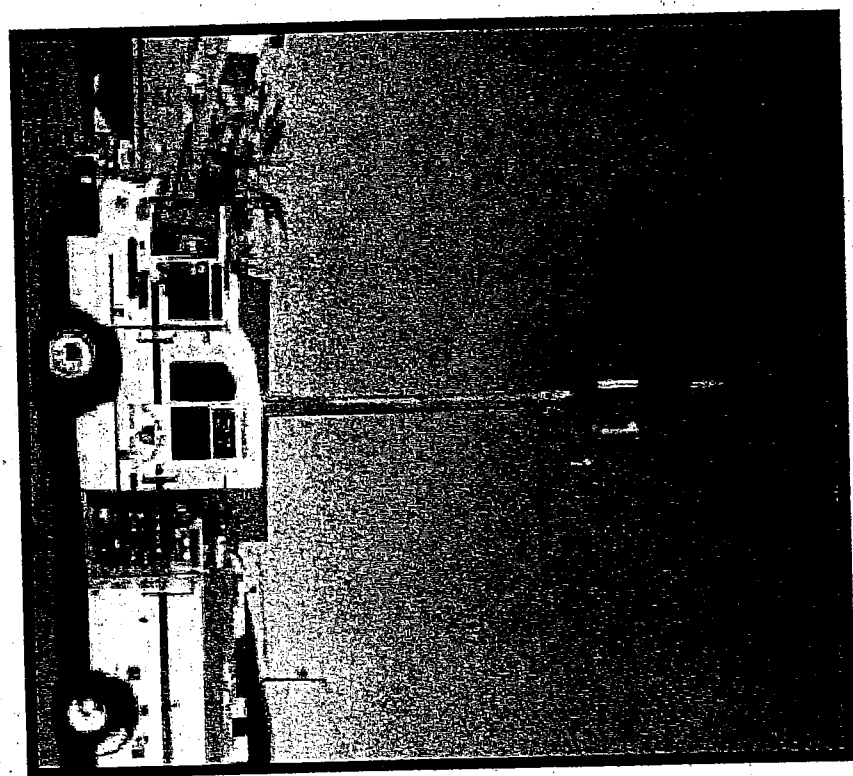
It is recommended that the battery be installed in a clean, cool, dry location. Floors should be reasonably level and able to support the battery weight. A location having an ambient temperature of 25°C (77°F) will result in optimum battery life and performance. Temperatures below 18°C (65°F) reduce battery efficiency. Temperatures above 27°C (80°F) will result in a reduction of battery life. Continuous operation above 50°C (122°F) is not recommended.

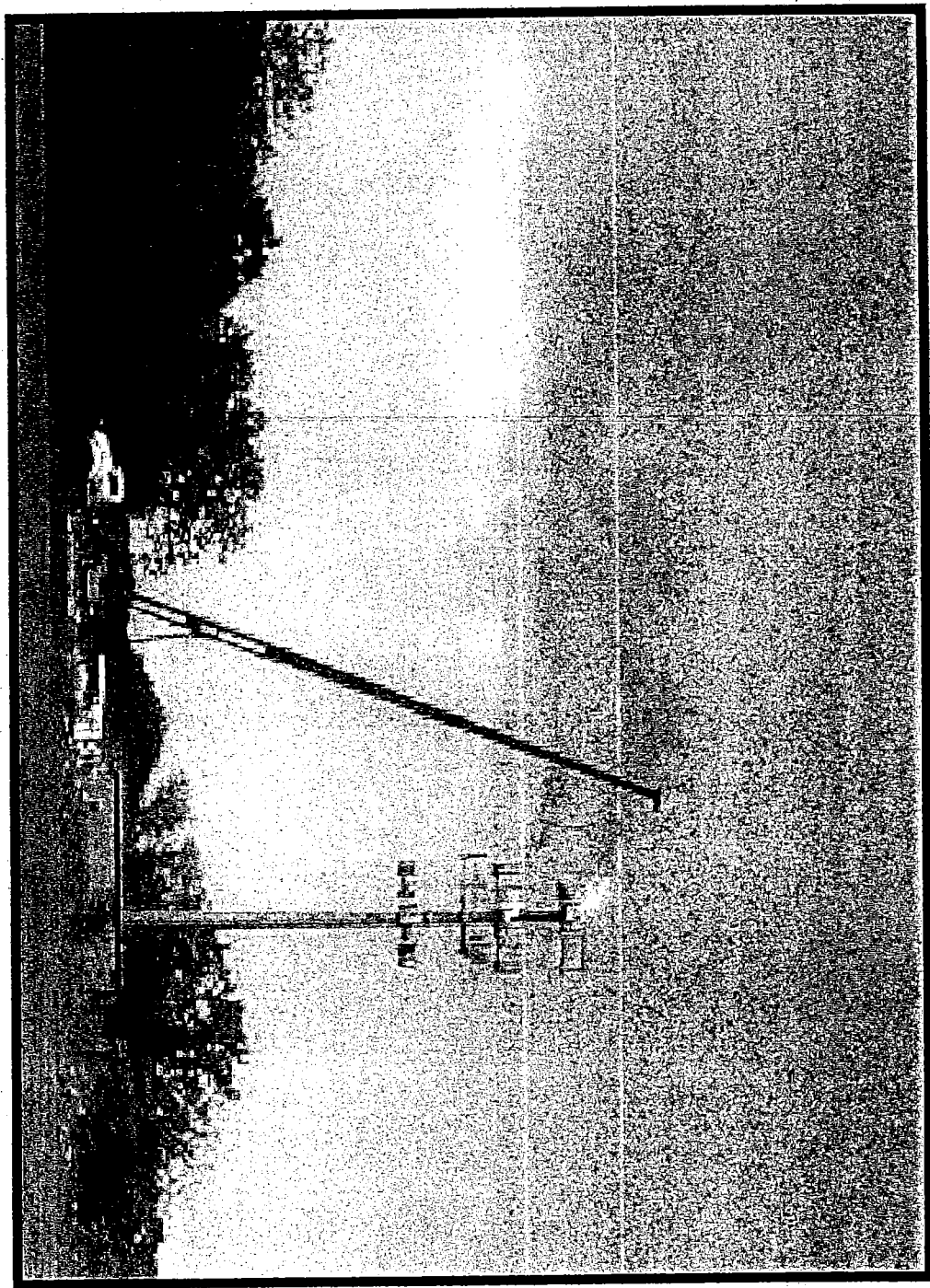
A designated aisle space should be provided to permit initial installation and future service or surveillance of the batteries.

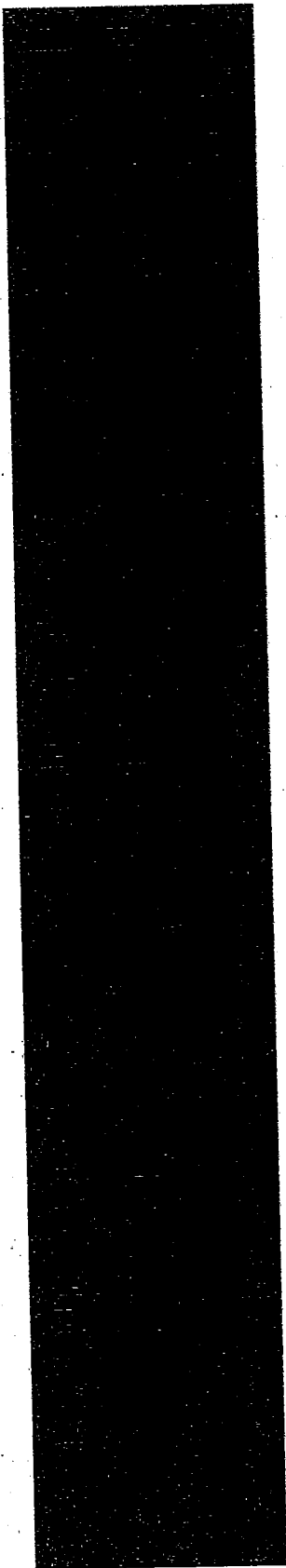
## **EXHIBIT E**











The prosecutor said Hunt was working as a subcontractor on the island and **started the fire while he was cutting guy wires as part of the work.**

The fire sparked and spread out of control, destroying several structures and one home as it burned through more than 4,000 acres of brush. Several firefighters were injured while fighting the May 10 blaze. Damage estimates range from \$25 to \$60 million, according to news reports.

## **EXHIBIT F**

# San Francisco Fire Department Fire Incidents By Prime Situation

From: 01/01/2009  
To: 12/31/2009

Incident Type	Count
100 Fire, other	4
111 Building fire	402
112 Fires in struct. other than in a bldg.	50
113 Cooking fire, confined to container	1,219
114 Chimney/flue fire, confined to chimney	17
115 Incinerator overload/mal. fire confined	1
116 Fuel burner/boiler mal. fire confined	2
117 Commercial Compactor fire, rubbish only	2
118 Trash or rubbish fire, contained	661
122 Fire in motor home, camper or RV	5
123 Fire in portable bldg., fixed location	14
130 Mobile property (vehicle) fire, other	61
131 Passenger vehicle fire	210
132 Road freight or transport vehicle fire	10
137 Camper or recreational vehicle (RV) fire	1
138 Off-road vehicle or heavy equipment fire	2
140 Natural vegetation fire, other	25
141 Forest, woods or wildland fire	4
142 Brush, or brush and grass mixture fire	36
143 Grass fire	48

1/13/2010

Incident Type	Count
150 Outside rubbish fire, other	269
151 Outside rubbish, trash or waste fire	344
154 Dumpster/Outside trash receptacle fire	137
155 Outside compactor/compacted trash fire	2
160 Special outside fire, other	64
161 Outside storage fire	4
162 Outside equipment fire	13
164 Outside mailbox fire	3
170 Cultivated vegetation, crop fire, other	1
173 Cultivated trees or nursery stock fire	2
200 Overpressure rupture/explosion, overheat	5
210 Steam Rupture, steam, other	12
211 Steam Rupture, Pipe or pipeline	12
212 Overpressure rupture of steam boiler	2
213 Steam rupture, pressure/process vessel	3
220 Rupture from air or gas, other	4
221 Rupture air or gas, pipe/pipeline	19
222 Rupture of boiler from air or gas	3
223 Air/gas rupture of pressure or process	2
231 Chem. reaction rupture of process vessel	3
240 Explosion (no fire), other	12
243 Fireworks explosion (no fire)	12

1/13/2010

Incident Type	Count
251 Excess heat, scorch burns with no ign.	25
300 Rescue, EMS call, other	425
311 Medical assist, assist EMS crew	1,091
321 EMS excluding veh. accident w/injuries	116
322 Vehicle accident with injuries	1,076
323 Auto/Ped. Accident (Veh.)	761
324 Motor vehicle accident with no injuries.	542
331 Lock-in (if lock out, use 511)	178
340 Search, other	11
341 Search for person on land	4
342 Search for person in water	18
343 Search for person underground	1
350 Extrication, rescue, other	50
351 Extrication of victim(s) from Structure	1
352 Extrication of victim(s) from vehicle	25
353 Removal of victim(s) from stalled elev.	403
354 Trench/below grade rescue	1
355 Confined space rescue	2
356 High angle rescue	13
357 Extrication of victim(s) from machinery	10
360 Water & ice related rescue, other	5
361 Swimming/recreational water areas rescue	4

1/13/2010

Incident Type	Count
364 Surf rescue	20
365 Watercraft rescue	6
370 Electrical rescue, other	1
371 Electrocution or potential electrocution	8
372 Trapped by power lines	1
381 Rescue or EMS standby	25
400 Hazardous condition, other	213
410 Flammable gas or liquid condition, other	17
411 Gasoline or other flammable liquid spill	152
412 Gas leak (natural gas or LPG)	180
413 Oil or other combustible liquid spill	52
420 Toxic condition, other (haz.)	7
421 Chemical hazard (no spill or leak)	17
422 Chemical spill or leak(haz.)	25
423 Refrigeration leak	2
424 Carbon monoxide incident	21
440 Elec. wiring/equip. problem, other	200
441 Heat- short circuit, defective wiring	36
442 Overheated motor	55
443 Light ballast breakdown	8
444 Power line down (wire)	234
445 Arcing, shorted electrical equipment	93
1/13/2010	



## Incident Type

## Count

451	Biological hazard, confirmed or suspected	5
460	Accident, potential accident, other	23
461	Bldg/structure weakened or collapsed	3
462	Aircraft standby	10
463	Vehicle accident, general cleanup	89
471	Explosive/bomb removal(bomb scare =721)	4
480	Attempted burning, illegal action, other	6
481	Attempt to burn	7

500	Service Call, other	646
510	Person in distress, other	102
511	Lock-out	286
512	Ring or jewelry removal	18
520	Water problem, other	468
521	Water evacuation	26
522	Water or steam leak	508
531	Smoke or odor removal	167
540	Animal problem, other	6
541	Animal problem	1
542	Animal rescue	19
550	Public service assistance, other	296
551	Assist PD or other Govern. Agency	487
552	Police matter	51

1/13/2010

Incident Type	Count
553 Public service	90
554 Assist invalid	597
555 Defective elevator, no occupants	22
561 Unauthorized burning	3
571 Cover assignment, standby, moveup	2
600 Good intent call, other	353
611 Dispatched & canceled en route	439
621 Wrong location	16
622 No incident found on arrival/disp. addr.	288
631 Authorized controlled burning	1
632 Prescribed fire	1
641 Vicinity alarm (incid. another location)	31
650 Steam/gas, mistaken for smoke, other	53
651 Smoke scare, odor of smoke	590
652 Steam/vapor/fog/dust mistaken for smoke	52
653 Barbecue, tar kettle	59
661 EMS call, party transported by non-fire ag	39
671 Hazmat release investigation w/no hazmat	22
672 Biological hazard investigation, none found	5
700 False alarm or false call, other	2,346
710 Malicious, mischievous false call, other	273

## Incident Type

## Count

711	Municipal alarm system, Street Box False	4,246
712	Direct tie to FD, malicious/false alarm	114
713	Telephone, malicious false alarm	16
714	Central station, malicious false alarm	109
715	Local alarm sys., Malicious False alarm	132
721	Bomb scare - no bomb	5
730	System malfunction, other	13
731	Sprinkler activation due to malfunction	19
732	Exting. sys. activation/ malfunction	10
733	Smoke detector activation/malfunction	986
734	Heat detector activation/malfunction	18
735	Alarm system sounded due to malfunction	1,212
736	CO detector activation/malfunction	26
740	Unintentional alarm, other	758
741	Sprinkler activation/no fire-accidental	63
742	Extinguishing system activation	4
743	Smoke detector, no fire, accidental	627
744	Detector activation, no fire - accident	307
745	Alarm system sounded/no fire-accidental	1,655
746	CO detector activation, no CO	8
800	Severe weather/Nat. disaster, other	3
812	Flood assessment	13
1/13/2010		

Incident Type	Count
813 Wind storm, tornado/hurricane assessment	1
814 Lightning strike (no fire)	3
900 Special type of incident, other	202
911 Citizen complaint	211
Not Classified	79,606
<b>Total SFED Incidents:</b>	<b>108,714</b>

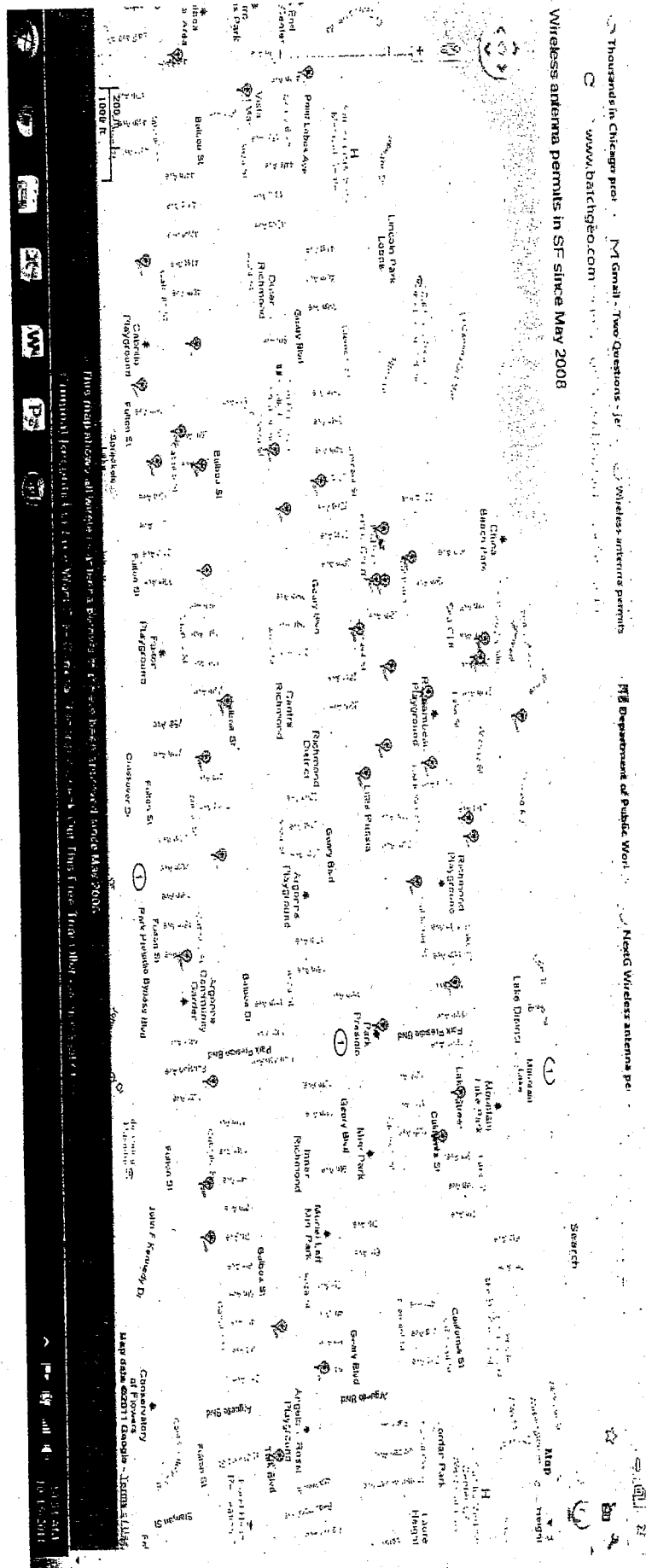
## **EXHIBIT G**

Antenna's approved since 2008 on light posts in the Richmond District

Thousands in Chicago protest M-Gmail: Two Questions - Is Wireless antenna permits  
C www.bairdgeo.com Wireless antenna permits in SF since May 2008

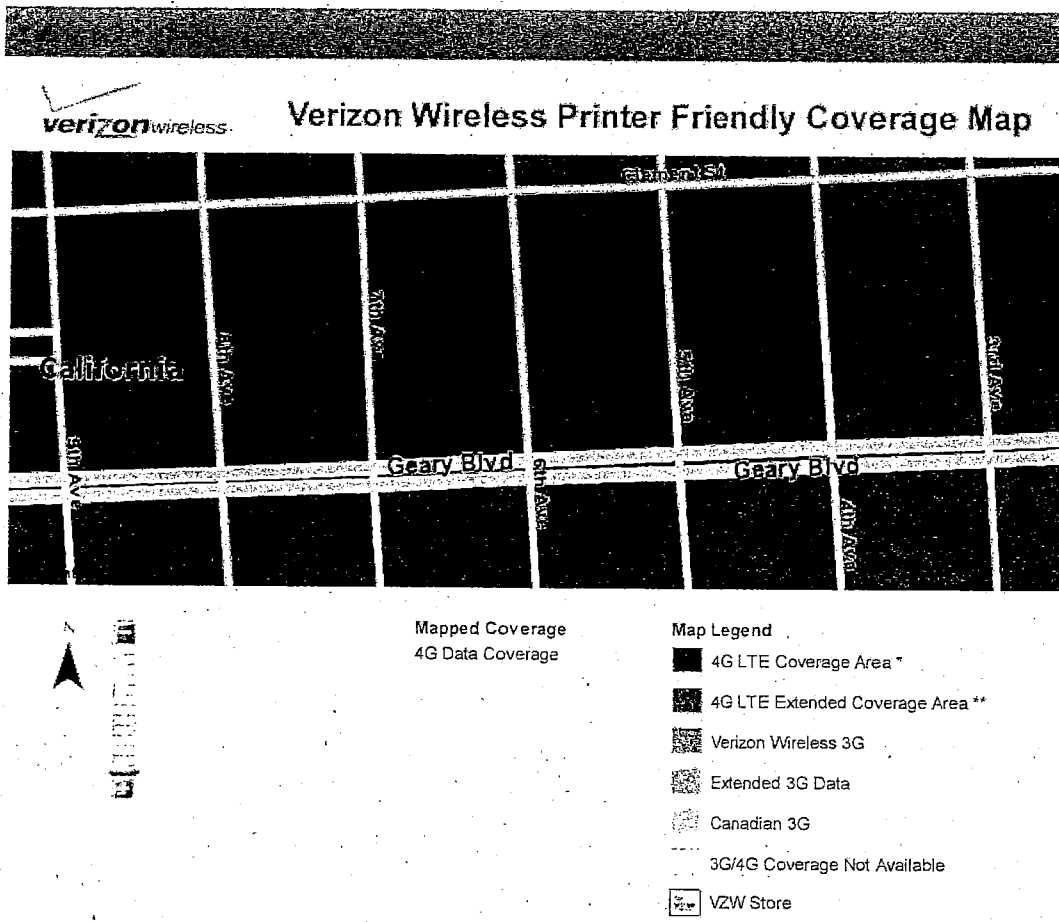
Department of Public Work

**Nexig Wireless antenna pe**



Source: DPW website.

## **EXHIBIT H**



These Coverage Locator depictions apply to the following calling plans:

Nationwide Calling Plans, America's Choice initiated (activated) on or after 2/21/2005, Mobile Broadband and Prepaid.

\* Access the 4G LTE network within the Coverage Area. \*\* Access the 4G LTE network within the Extended Coverage Area; certain conditions may cause your service to connect to 3G in this Area.

Roaming charges apply in Canada Broadband and Canada Enhanced Services areas.

These Coverage Locator maps depict predicted and approximate wireless coverage. The coverage areas shown do not guarantee service availability, and may include locations with limited or no coverage. Even within a coverage area, there are many factors, including customer's equipment, terrain, proximity to or inside buildings, foliage, and weather that may impact service. Some of the Coverage Areas include networks run by other carriers, the coverage depicted is based on their information and public sources, and we cannot ensure its accuracy.

#### Handset Banner Information

When your banner displays "Extended Network" or "Roaming", included Features and Optional Services may not be available; standard Text/Picture/Video Messaging rates apply when available. When your banner displays "Verizon Wireless", Optional Services, including Unlimited Text/Picture/Video/Messaging, are available. V CAST is available if the "EV" indicator is displayed.

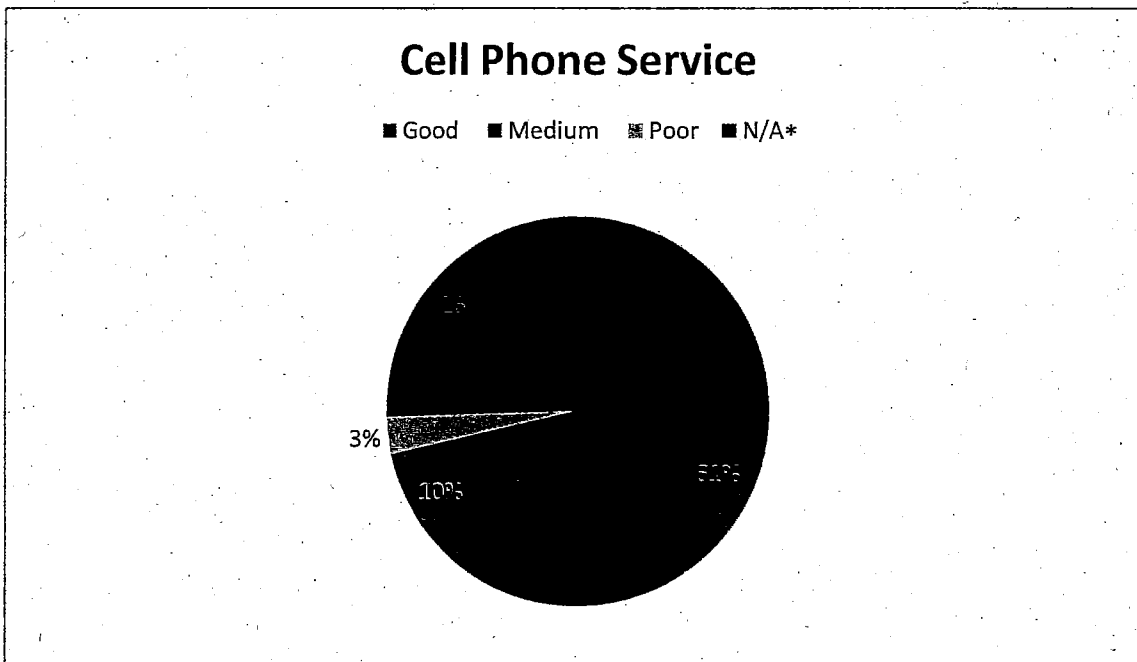
"Even within a coverage area, there are many factors, including customer's equipment, terrain, proximity to or inside buildings, foliage, and weather that may impact service."



## **EXHIBIT I**

## Exhibit I – Petition of Support

The signatures of this petition were gathered by residents in the vicinity of the proposed antenna site. The data was collected from owners, residents, and parents of children that go to school in the neighborhood. The graph below represents a breakdown of 260 people that signed the petition and filled out the survey question about cell phone service.



\*N/A = people that declined to fill out cell phone data or did not have cell phones

I/we oppose the Verizon Cell tower antennas at Kaiser Permanente at 498 6th Ave

	Printed Name	Address	Phone	Which Cell Service?	Cell Service Quality? (P = Poor, M = OK, G = Good)	Signature
	Asad - Alkh	6775 7th Ave SF CA	415 517 9130	<input checked="" type="checkbox"/> Verizon <input type="checkbox"/> ATT <input type="checkbox"/> Other	Poor OK <u>Good</u>	<i>[Signature]</i>
2	Long Park	735 Ave 94.118	415-360-0824	<input type="checkbox"/> Verizon <input type="checkbox"/> ATT <input checked="" type="checkbox"/> Other	Poor OK <u>Good</u>	<i>[Signature]</i>
3	Beverly Stand	9031 Geary	833-3907	<input type="checkbox"/> Verizon <input checked="" type="checkbox"/> ATT <input type="checkbox"/> Other	Poor OK <u>Good</u>	<i>[Signature]</i>
4	Jean Tominaga	49 Emerson	567-1059	<input type="checkbox"/> Verizon <input checked="" type="checkbox"/> ATT <input type="checkbox"/> Other	Poor <u>OK</u> Good	<i>[Signature]</i>
5	Cheng Ji Qiu	1532 Cabrillo	831-5468	<input type="checkbox"/> Verizon <input type="checkbox"/> ATT <input type="checkbox"/> Other	Poor OK Good	<i>[Signature]</i>
6	Isolde Chen	624 Cabrillo St	831-4412	<input type="checkbox"/> Verizon <input checked="" type="checkbox"/> ATT <input type="checkbox"/> Other	Poor OK <u>Good</u>	<i>[Signature]</i>
7	Stephen Park		415-280-5648	<input type="checkbox"/> Verizon <input type="checkbox"/> ATT <input type="checkbox"/> Other	Poor OK Good	<i>[Signature]</i>
8	Cicely Waid	735 Ave	415/410-7006	<input type="checkbox"/> Verizon <input type="checkbox"/> ATT <input checked="" type="checkbox"/> Other	Poor OK <u>Good</u>	<i>[Signature]</i>
9	Bing Tong		(415)-812-5694	<input type="checkbox"/> Verizon <input checked="" type="checkbox"/> ATT <input type="checkbox"/> Other	Poor OK <u>Good</u>	<i>[Signature]</i>
10	Samuel	1226 12th Ave	(415) 963 2003	<input type="checkbox"/> Verizon <input type="checkbox"/> ATT <input type="checkbox"/> Other	Poor OK Good	<i>[Signature]</i>
* 11	Nancy Keane	1438 Cabrillo		<input checked="" type="checkbox"/> Verizon <input checked="" type="checkbox"/> ATT <input type="checkbox"/> Other	Poor OK <u>Good</u>	<i>[Signature]</i>
12	Sirita Pugh	477 14th Ave	415-387-2000	<input type="checkbox"/> Verizon <input checked="" type="checkbox"/> ATT <input type="checkbox"/> Other	Poor OK <u>Good</u>	<i>[Signature]</i>
13	Michael	550 - 30th	751 7967	<input type="checkbox"/> Verizon <input type="checkbox"/> ATT <input checked="" type="checkbox"/> Other	Poor OK <u>Good</u>	<i>[Signature]</i>
14	FABIAN LAM	404 MARKET ST	415-471-523	<input type="checkbox"/> Verizon <input type="checkbox"/> ATT <input checked="" type="checkbox"/> Other	Poor OK <u>Good</u>	<i>[Signature]</i>
15				<input type="checkbox"/> Verizon <input type="checkbox"/> ATT <input type="checkbox"/> Other	Poor OK Good	
16				<input type="checkbox"/> Verizon <input type="checkbox"/> ATT <input type="checkbox"/> Other	Poor OK Good	
17				<input type="checkbox"/> Verizon <input type="checkbox"/> ATT <input type="checkbox"/> Other	Poor OK Good	
18				<input type="checkbox"/> Verizon <input type="checkbox"/> ATT <input type="checkbox"/> Other	Poor OK Good	
19				<input type="checkbox"/> Verizon <input type="checkbox"/> ATT <input type="checkbox"/> Other	Poor OK Good	

These participants oppose the Verizon Antenna Project on at Kaiser Permanente SF at 498 6th Ave.

	Printed Name	Address	Phone	Email (if you want us to keep you posted)	Cell Service (P = Poor, M = Ok, G = Good)	Signature
1	EDGAR VOGT	474 5TH AVE	415-361-3812		Verizon Service: P M <input checked="" type="radio"/> Other <input checked="" type="radio"/>	
2	YUK YING	766 HALL AVE	752-4202		Verizon Service: P M <input checked="" type="radio"/> Other <input checked="" type="radio"/>	
3	YEO LEE	638 10TH AVE	751-5698		Verizon Service: P M <input checked="" type="radio"/> Other <input checked="" type="radio"/>	
4	MARY TONG	155 E 14TH ST	263-5873		Verizon Service: P M <input checked="" type="radio"/> Other <input checked="" type="radio"/>	
5	KATHY LEE	834 L	933-2349		Verizon Service: P M <input checked="" type="radio"/> Other <input checked="" type="radio"/>	
6	EVA YOUNG	763 4TH AVE	386-9295		Verizon Service: P M <input checked="" type="radio"/> Other <input checked="" type="radio"/>	
7	SUI LAM	4TH AVE			Verizon Service: P M <input checked="" type="radio"/> Other <input checked="" type="radio"/>	
8	MARY WONG	536 2ND AVE	668-6356		Verizon Service: P M <input checked="" type="radio"/> Other <input checked="" type="radio"/>	
9	JOCK YEE	564-11 AVE	752-7337		Verizon Service: P M <input checked="" type="radio"/> Other <input checked="" type="radio"/>	
10	TATONE YEE	524 CLAY ST	752-0270		Verizon Service: P M <input checked="" type="radio"/> Other <input checked="" type="radio"/>	
11	ANDREW KWONG	650-12TH AVE	387-5591		Verizon Service: P M <input checked="" type="radio"/> Other <input checked="" type="radio"/>	
12	JASON KWONG	650-12TH AVE	203-5591		Verizon Service: P M <input checked="" type="radio"/> Other <input checked="" type="radio"/>	
13	KERRY KWONG	650-12TH AVE	518-8134		Verizon Service: P M <input checked="" type="radio"/> Other <input checked="" type="radio"/>	
14	IRWIN KWONG	650-12TH AVE	531-3931		Verizon Service: P M <input checked="" type="radio"/> Other <input checked="" type="radio"/>	
15	HATON KWONG	650-12TH AVE	387-5591		Verizon Service: P M <input checked="" type="radio"/> Other <input checked="" type="radio"/>	
16	KAM YEE	524 E	752-0270		Verizon Service: P M <input checked="" type="radio"/> Other <input checked="" type="radio"/>	
17	Tim	3010 7th St SF CA			Verizon Service: P M <input checked="" type="radio"/> Other <input checked="" type="radio"/>	
18	Ann Chan				Verizon Service: P M <input checked="" type="radio"/> Other <input checked="" type="radio"/>	
19	Hinda Kuhn	2835 Taraval St. SF			Verizon Service: P M <input checked="" type="radio"/> Other <input checked="" type="radio"/>	
20	Juan Wong	1222 38 AVE	753-0955 374		Verizon Service: P M <input checked="" type="radio"/> Other <input checked="" type="radio"/>	

We oppose the Verizon Cell tower antennas at Kaiser Permanente at 498 6th Ave

	Printed Name	Address	Phone	Which Cell Service?	Cell Service Quality? (P Poor, M Ok, G - Good)	Signature
1	POK SUZANNE	674-5th Ave S.F. 94118	(415) 752-3286	Verizon (ATT) Other	Poor OK Good	Suzanne POK
2	WONG ANN	674-5th Ave S.F. 94118	(415) 752-3286	Verizon (ATT) Other	Poor OK Good	Ann Wong
3	CHANG YEE LYAN	523-6th Ave S.F. 94118	668-1665	Verizon (ATT) Other	Poor OK Good	Chang Yee
4	MIMI LEE	674-6th Ave S.F. CA 94118	(415) 221-0159	Verizon ATT Other	Poor OK Good	Mimi Lee
5	MARY CHE	681-6th Ave S.F. CA 94118	(415) 750-0713	Verizon ATT Other	Poor OK Good	Mary Che
6	CINDY WONG	525-6th Ave S.F. CA 94118	(415) 244-6239	Verizon ATT Other	Poor OK Good	Cindy Wong
7	YING ZHANG	525 BALBOAST 74118	(415) 751-9055	Verizon ATT Other	Poor OK Good	Ying Zhang
8	QIZHEIN GUAN	526 BALBOAST 94118	(415) 750-9820	Verizon ATT Other	Poor OK Good	Qizhe Guan
9	RANDITA	525 BALBOAST	750-9522	Verizon ATT Other	Poor OK Good	Randita
10	GUANG	4205th Ave	387-0598	Verizon ATT Other	Poor OK Good	Guang
11	LI	611 10th Ave	752-3428	Verizon ATT Other	Poor OK Good	Li
12	BILLY	611 10th Ave	613-6058	Verizon ATT Other	Poor OK Good	Billy
13	HENRY WANG	425 5th Ave S.F. CA 94118	387-7825	Verizon (ATT) Other	Poor OK Good	Henry Wang
14	TASON WANG	418 5th Ave	387-0598	Verizon ATT Other	Poor OK Good	Tason Wang
15	LI	415 6th Ave S.F. CA	387-3764	Verizon (ATT) Other	Poor OK Good	Li
16	LI	420 5th Ave S.F. CA 94118	387-0598	Verizon (ATT) Other	Poor OK Good	Li
17	YICHANG YU		387-0598	Verizon (ATT) Other	Poor OK Good	Yichang Yu
18				Verizon ATT Other	Poor OK Good	
19				Verizon ATT Other	Poor OK Good	

These participants oppose the Verizon Antenna Project on at Kaiser Permanente SF at 498 6th Ave.

	Printed Name	Address	Phone	Email	Cell Service (P = Poor, M = Ok, G = Good)	Signature
1	Rosendo Hernandez	1309 Anza St.	368-7709		___ Verizon ___ Other Service: P M G	MA P H
2	Elvis	529 4th Ave			___ Verizon ___ Other Service: P M G	
3	Chris Shelly	533 5th Ave SF 94118	379-3713		___ Verizon ___ Other Service: P M G	
4	Petrakou	527 5th Ave SF CA 94118	668-5290		___ Verizon ___ Other Service: P M G	PE
5	Daniel Shalit	916-216-0110	544 5th ave 94118		___ Verizon ___ Other Service: P M G	
6	Basilia Halag	1731 Anza St SF 94118	221-7968		___ Verizon ___ Other Service: P M G	JBH
7	Sam Miller	5106 Ave	407-4172		___ Verizon ___ Other Service: P M G	SPC
8	Julianne Schwarz	512 6th Ave SF 94118	515-2602		___ Verizon ___ Other Service: P M G	JS
9	WILLIAM WANK	514 6th Ave SF 94118	<del>415-895</del> 510-415-6719		___ Verizon ___ Other Service: P M G	WW
10	DAVID PURSELI	405 6th Ave SF CA 94118	415 382-7486		___ Verizon ___ Other Service: P M G	DP
11	Michael Young	526 7th Ave SF 94118	415-904-7727		___ Verizon <input checked="" type="checkbox"/> Other Service: P M G	Y
12					___ Verizon ___ Other Service: P M G	
13					___ Verizon ___ Other Service: P M G	
14					___ Verizon ___ Other Service: P M G	
15					___ Verizon ___ Other Service: P M G	
16					___ Verizon ___ Other Service: P M G	
17					___ Verizon ___ Other Service: P M G	
18					___ Verizon ___ Other Service: P M G	
19					___ Verizon ___ Other Service: P M G	
20					___ Verizon ___ Other Service: P M G	

These participants oppose the Verizon Antenna Project on at Kaiser Permanente SF at 498 6th Ave.

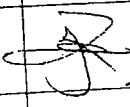
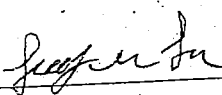

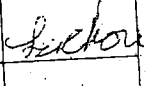

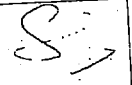
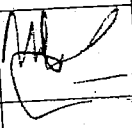
	Printed Name	Address	Phone	Which Cell Service?	Cell Service Quality? (P - Poor, M - Ok, G - Good)	Signature
1	Paloma Wang	658 3rd Ave	(415) 666-3357	Verizon All Other	Poor OK Good	Paloma Wang
2	Ruiying Wu	775-7th Ave	(415) 362-4076	X Verizon All Other	Poor OK (Good)	Ruiying Wu
3	Xue Ling Chen	775-7th Ave	(415) 387-2898	Verizon All Other	Poor OK Good	Xue Ling Chen
4	Yan Fen Feng	775-7th Ave	415-728-4250	Verizon X All Other	Poor OK (Good)	Yan Fen Feng
5	Margaret Sit	775-7th Ave	415-761-9133	Verizon (All) Other	Poor OK (Good)	Margaret Sit
6	Li, Rong	775 7th Ave	415-676-0100	Verizon (All) Other	Poor OK (Good)	Rong Li
7	Yunqing Cheng	775 7th Ave	415-750-1624	Verizon X All Other	Poor OK (Good)	Yunqing Cheng
8	Sandra Ng	775-7th Ave	415-386-0184	Verizon X All Other	Poor OK (Good)	Sandra Ng
9	Yael Hu	673 8th Ave	415-666-3581	Verizon All Other	Poor OK Good	Yael Hu
10	Agnus Zhu	777-7th Ave	415-269-9263	X Verizon All Other	Poor OK (Good)	Agnus Zhu
11	Elisa Bai	775-7th Ave	(415) 933-6886	Verizon A All Other	Poor OK (Good)	Elisa Bai
12	Shirley F. F.	775-7th Ave	415-753-2625	Verizon All Other	Poor OK Good	SF
13	Xiaoxia Zhou	775-7th Ave	415-585-2641	Verizon All Other	Poor OK (Good)	Xiaoxia Zhou
14	Caizhenheng	775-7th Ave	415-490-6557	Verizon V All Other	Poor OK (Good)	Caizhenheng
15	Chuanxin Wu	775-7th Ave	415-678-1897	X Verizon All Other	Poor OK (Good)	Chuanxin Wu
16	Wen Yang Wu	777-7th Ave	415-513-9692	Verizon L All Other	Poor OK (Good)	Wen Yang Wu
17	Qiu YAN LI	777-7th Ave	415-282-1788	Verizon All X Other	Poor (OK) Good	Qiu YAN LI
18	Helen Sit	777-7th Ave	415-666-3469	X Verizon All Other	Poor OK (Good)	Helen Sit
19	Tom CHEN	775 7th Ave	415-277-2695	Verizon V All Other	Poor OK (Good)	Tom CHEN

I/we oppose the Verizon Cell tower antennas at Kaiser Permanente at 498 6th Ave

	Printed Name	Address	Phone	Which Cell Service?	Cell Service Quality? (P = Poor, M = OK, G = Good)	Signature
1	LIMMIL WONG	775 <sup>#</sup> 7 AVE	(415) 356-423	X Verizon ATT Other none	Poor OK <u>Good</u>	Lina
2	ZHI FANG LIANG	775 <sup>th</sup> 7 AVE	(415) 823-9967	Verizon X ATT Other none	Poor OK <u>Good</u>	Zhen
3	RACHEL CAO	775 <sup>th</sup> 7 AVE	(415) 587-8390	Verizon X ATT Other	Poor OK <u>Good</u>	Rachel
4	XIAO KUI DENG	777 7 AVE	(415) 566-3168	Verizon X ATT Other	Poor OK <u>Good</u>	Xiao
5	Chunleung	775 7 <sup>th</sup> AVE	415-661-428	X Verizon ATT Other	Poor OK <u>Good</u>	jean
6	Roger Sun	775 7 <sup>th</sup> AVE	415-566-5219	Verizon ATT X Other	Poor OK <u>Good</u>	Roger
7				Verizon ATT Other	Poor OK Good	
8				Verizon ATT Other	Poor OK Good	
9				Verizon ATT Other	Poor OK Good	
10				Verizon ATT Other	Poor OK Good	
11				Verizon ATT Other	Poor OK Good	
12				Verizon ATT Other	Poor OK Good	
13				Verizon ATT Other	Poor OK Good	
14				Verizon ATT Other	Poor OK Good	
15				Verizon ATT Other	Poor OK Good	
16				Verizon ATT Other	Poor OK Good	
17				Verizon ATT Other	Poor OK Good	
18				Verizon ATT Other	Poor OK Good	
19				Verizon ATT Other	Poor OK Good	



We oppose the Verizon Cell tower antennas at Kaiser Permanente at 498 6th Ave

	Printed Name	Address	Phone	Which Cell Service?	Cell Service Quality? (P = Poor, M = Ok, G = Good)	Signature
1	INHANG LEUNG	242 7TH #1 AVALON	415 679 0123	Verizon / ATT Other	Poor <u>OK</u> Good	
2		476 7TH #1 AVR	415-386-3480	Verizon ATT Other	Poor OK Good	
3	Lanchou	476 AVR #2	415-412-4888	Verizon V ATT Other	Poor OK <u>Good</u>	
4	Jeffrey Liu	480 PLAZA #3	415-728-8521	Verizon ATT Other	Poor OK <u>Good</u>	
5	Sergio Lopez	496-7th Ave	415 221 1078	Verizon ATT <u>Other</u>	Poor <u>OK</u> Good	
6	MICHAEL STANAN	483 6th AVE	415 374 4798	Verizon ATT X Other	<u>Poor</u> OK Good	
7				Verizon ATT Other	Poor OK Good	
8				Verizon ATT Other	Poor OK Good	
9				Verizon ATT Other	Poor OK Good	
10				Verizon ATT Other	Poor OK Good	
11				Verizon ATT Other	Poor OK Good	
12				Verizon ATT Other	Poor OK Good	
13				Verizon ATT Other	Poor OK Good	
14				Verizon ATT Other	Poor OK Good	
15				Verizon ATT Other	Poor OK Good	
16				Verizon ATT Other	Poor OK Good	
17				Verizon ATT Other	Poor OK Good	
18				Verizon ATT Other	Poor OK Good	
19			379	Verizon ATT Other	Poor OK Good	

These participants oppose the Verizon Antenna Project on at Kaiser Permanente SF at 498 6th Ave.

	Printed Name	Address	Phone	Which Cell Service?	Cell Service Quality? (P = Poor, M = Ok, G = Good)	Signature
DA's 1	MARISA QUINN	460 Buhrst <sup>SF</sup>	415 643 4373	<input checked="" type="checkbox"/> Verizon <input checked="" type="checkbox"/> ATT ___ Other	Poor <input checked="" type="radio"/> OK Good	<i>M Quinn</i>
neas 2	AARON POLLOCK	788 3rd Ave 94118	415-831-2669	<input checked="" type="checkbox"/> Verizon ___ ATT ___ Other	Poor OK <input checked="" type="radio"/> Good	<i>A Pollock</i>
eri 3	Dustin Erwin	60 Dellbrook Ave SF, CA 94131	415-577-7303	___ Verizon <input checked="" type="checkbox"/> ATT ___ Other	<input checked="" type="radio"/> Poor OK Good	<i>D Erwin</i>
phie 4	Jackie Lem	209 San Marcos Ave SF, CA 94116	415-731-2302	<input checked="" type="checkbox"/> Verizon ___ ATT ___ Other	Poor <input checked="" type="radio"/> OK <input checked="" type="radio"/> Good	<i>J Lem</i>
ate 5	Elizabeth Ulrich	325 15th Ave SF, CA 94118	415-342-9424	<input checked="" type="checkbox"/> Verizon <input checked="" type="checkbox"/> ATT ___ Other	Poor OK <input checked="" type="radio"/> Good	<i>E Ulrich</i>
208 6	Harry Steiny	429 6th Ave SF, CA 94118	617-721-6074	___ Verizon ___ ATT <input checked="" type="checkbox"/> Other	Poor OK <input checked="" type="radio"/> Good	<i>H Steiny</i>
bigail 7	Katherine Raiss	1631 Hayes SF CA 94117	415 525 9686	___ Verizon ___ ATT <input checked="" type="checkbox"/> Other	Poor OK <input checked="" type="radio"/> Good	<i>K Raiss</i>
bie 8	Carrie Tanabe	—	—	___ Verizon <input checked="" type="checkbox"/> ATT ___ Other	Poor OK <input checked="" type="radio"/> Good	<i>C Tanabe</i>
9	Brenda Wood	1440 Clay St #2 SF CA 94109	415-828-7142	___ Verizon ___ ATT <input checked="" type="checkbox"/> Other	Poor OK <input checked="" type="radio"/> Good	<i>B Wood</i>
10	Rebecca Orma	2803 Golden Gate SF 94118	—	___ Verizon ___ ATT <input checked="" type="checkbox"/> Other	Poor OK <input checked="" type="radio"/> Good	<i>R Orma</i>
11	Ali Goldstein	—	—	___ Verizon <input checked="" type="checkbox"/> ATT ___ Other	Poor OK <input checked="" type="radio"/> Good	<i>A Goldstein</i>
12	Isht Wam	2105 FULTON ST SF CA 94114	—	___ Verizon <input checked="" type="checkbox"/> ATT ___ Other	<input checked="" type="radio"/> Poor OK Good	<i>I Wam</i>
13	Emily Lee	P.O. Box 70224 SF, CA, 94117	—	___ Verizon ___ ATT <input checked="" type="checkbox"/> Other	<input checked="" type="radio"/> Poor OK Good	<i>E Lee</i>
14	Paige Lee	" "	N/A	___ Verizon ___ ATT ___ Other	Poor OK Good	<i>P Lee</i>
15				___ Verizon ___ ATT ___ Other	Poor OK Good	
16				___ Verizon ___ ATT ___ Other	Poor OK Good	
17				___ Verizon ___ ATT ___ Other	Poor OK Good	
18				___ Verizon ___ ATT ___ Other	Poor OK Good	
19				___ Verizon ___ ATT ___ Other	Poor OK Good	

These participants oppose the Verizon Antenna Project on at Kaiser Permanente SF at 498 6th Ave.

	Printed Name	Address	Phone	Which Cell Service?	Cell Service Quality? (P = Poor, M = Ok, G = Good)	Signature
1	DAVID HARTE	914 EDINBURGH SF CA 94112	415 505 9371	<input type="checkbox"/> Verizon <input checked="" type="checkbox"/> ATT <input type="checkbox"/> Other	Poor <input checked="" type="radio"/> OK Good	<i>David Harte</i>
2	Julia Harte	914 EDINBURGH SF CA 94112	(415) 786 1600	<input type="checkbox"/> Verizon <input type="checkbox"/> ATT <input checked="" type="checkbox"/> Other	Poor OK <input checked="" type="radio"/> Good	<i>Julia Harte</i>
3	Ackley Broner	1529 Grove St SF, CA 94117	415/4075618	<input type="checkbox"/> Verizon <input checked="" type="checkbox"/> ATT <input type="checkbox"/> Other	Poor <input checked="" type="radio"/> OK Good	
4	Jill Kelly	4137 19th St. SF, CA 94114	617-785-8993	<input type="checkbox"/> Verizon <input type="checkbox"/> ATT <input checked="" type="checkbox"/> Other	Poor OK <input checked="" type="radio"/> Good	<i>Jill Kelly</i>
5	Dan Kelly	1776 Page SF CA 94117	415 272 7797	<input type="checkbox"/> Verizon <input checked="" type="checkbox"/> ATT <input type="checkbox"/> Other	Poor <input checked="" type="radio"/> OK Good	<i>Dan Kelly</i>
6	Julie Beck	1910 47th Ave SF, CA 94116	415 710 5055	<input type="checkbox"/> Verizon <input checked="" type="checkbox"/> ATT <input type="checkbox"/> Other	Poor <input checked="" type="radio"/> OK Good	<i>Julie Beck</i>
7	Michelle Geving	1333 Jones SF CA 94109	415 602 5509	<input type="checkbox"/> Verizon <input checked="" type="checkbox"/> ATT <input type="checkbox"/> Other	Poor <input checked="" type="radio"/> OK Good	<i>Michelle Geving</i>
8	Gabriele Thompson	650 Eddy St SF, CA 94109	415 756 4021	<input type="checkbox"/> Verizon <input type="checkbox"/> ATT <input checked="" type="checkbox"/> Other	Poor <input checked="" type="radio"/> OK Good	<i>Gabriele Thompson</i>
9	Ricardo Wray	450 SUTCLIFF ST SAN FRANCISCO CA, 94108	415-435 3957	<input checked="" type="checkbox"/> Verizon <input type="checkbox"/> ATT <input type="checkbox"/> Other	Poor OK <input checked="" type="radio"/> Good	<i>Ricardo Wray</i>
10	Miron Kim	715 40th Ave SF CA 94121	415-931-2166	<input type="checkbox"/> Verizon <input checked="" type="checkbox"/> ATT <input type="checkbox"/> Other	Poor OK <input checked="" type="radio"/> Good	<i>Miron Kim</i>
11	Glenn Johnson	215 7th Ave SF, CA 94118	415-271-1100	<input type="checkbox"/> Verizon <input checked="" type="checkbox"/> ATT <input type="checkbox"/> Other	Poor OK <input checked="" type="radio"/> Good	<i>Glenn Johnson</i>
12	Karen Chen	49 (CEN) KID ST SF, CA 94118	415-325-6444	<input type="checkbox"/> Verizon <input checked="" type="checkbox"/> ATT <input type="checkbox"/> Other	Poor OK <input checked="" type="radio"/> Good	<i>Karen Chen</i>
13	Danya Gumbardika	527 7th Ave SF 94118	415 824-4506	<input checked="" type="checkbox"/> Verizon <input type="checkbox"/> ATT <input type="checkbox"/> Other	Poor OK <input checked="" type="radio"/> Good	<i>Danya Gumbardika</i>
14	Michelle Geving	1333 Jones St SF CA 94109	415-602-5509	<input type="checkbox"/> Verizon <input checked="" type="checkbox"/> ATT <input type="checkbox"/> Other	Poor OK <input checked="" type="radio"/> Good	<i>Michelle Geving</i>
15				<input type="checkbox"/> Verizon <input type="checkbox"/> ATT <input type="checkbox"/> Other	Poor OK Good	
16				<input type="checkbox"/> Verizon <input type="checkbox"/> ATT <input type="checkbox"/> Other	Poor OK Good	
17				<input type="checkbox"/> Verizon <input type="checkbox"/> ATT <input type="checkbox"/> Other	Poor OK Good	
18				<input type="checkbox"/> Verizon <input type="checkbox"/> ATT <input type="checkbox"/> Other	Poor OK Good	
19				<input type="checkbox"/> Verizon <input type="checkbox"/> ATT <input type="checkbox"/> Other	Poor OK Good	

These participants oppose the Verizon Antenna Project on at Kaiser Permanente SF at 498 6th Ave.

	Printed Name	Address	Phone	Which Cell Service?	Cell Service Quality? (P = Poor, M = OK, G = Good)	Signature
1	Katia Aouf	1456 Page Street	626-7828	<input checked="" type="radio"/> Verizon <input checked="" type="radio"/> ATT <input type="radio"/> Other	Poor OK Good	<i>[Signature]</i>
2	Debra Cole	755 5th Ave #305		<input checked="" type="radio"/> Verizon <input checked="" type="radio"/> ATT <input type="radio"/> Other	Poor OK Good	<i>[Signature]</i>
3	Angie Jett			<input checked="" type="radio"/> Verizon <input type="radio"/> ATT <input type="radio"/> Other	<input checked="" type="radio"/> Poor OK Good	<i>[Signature]</i>
4	Cathy Johnson	1565 Kensington St #1 SF, CA 94118	617-851-1451	<input checked="" type="radio"/> Verizon <input type="radio"/> ATT <input type="radio"/> Other	Poor OK <input checked="" type="radio"/> Good	<i>[Signature]</i>
5	Anjali Gao	621 Arguello Blvd #402 SF CA 94118		<input checked="" type="radio"/> Verizon <input type="radio"/> ATT <input type="radio"/> Other	<input checked="" type="radio"/> Poor OK Good	<i>[Signature]</i>
6	ACHIRE	855 Arguello Blvd SF 94118		<input type="radio"/> Verizon <input checked="" type="radio"/> ATT <input type="radio"/> Other	<input checked="" type="radio"/> Poor OK Good	<i>[Signature]</i>
7	Phaedra Starr	3036 Fulton SF CA 94118	415 786005	<input type="radio"/> Verizon <input type="radio"/> ATT <input checked="" type="radio"/> Other	Poor <input checked="" type="radio"/> OK Good	<i>[Signature]</i>
8	Dan Johnson	1203 5th Ave	415-254-7473	<input type="radio"/> Verizon <input checked="" type="radio"/> ATT <input type="radio"/> Other	Poor <input checked="" type="radio"/> OK Good	<i>[Signature]</i>
9	DAVID RAFAEL	1456 PAGE ST	415 6267828	<input type="radio"/> Verizon <input checked="" type="radio"/> ATT <input type="radio"/> Other	<input checked="" type="radio"/> Poor OK Good	<i>[Signature]</i>
10	TEODORA	1274 24TH AVE	415 9633409	<input type="radio"/> Verizon <input type="radio"/> ATT <input checked="" type="radio"/> Other	Poor OK Good	
11				<input type="radio"/> Verizon <input type="radio"/> ATT <input type="radio"/> Other	Poor OK Good	
12				<input type="radio"/> Verizon <input type="radio"/> ATT <input type="radio"/> Other	Poor OK Good	
13				<input type="radio"/> Verizon <input type="radio"/> ATT <input type="radio"/> Other	Poor OK Good	
14				<input type="radio"/> Verizon <input type="radio"/> ATT <input type="radio"/> Other	Poor OK Good	
15				<input type="radio"/> Verizon <input type="radio"/> ATT <input type="radio"/> Other	Poor OK Good	
16				<input type="radio"/> Verizon <input type="radio"/> ATT <input type="radio"/> Other	Poor OK Good	
17				<input type="radio"/> Verizon <input type="radio"/> ATT <input type="radio"/> Other	Poor OK Good	
18				<input type="radio"/> Verizon <input type="radio"/> ATT <input type="radio"/> Other	Poor OK Good	
19				<input type="radio"/> Verizon <input type="radio"/> ATT <input type="radio"/> Other	Poor OK Good	

I/we oppose the Verizon Cell tower antennas at Kaiser Permanente at 498 6th Ave

	Printed Name	Address	Phone	Which Cell Service?	Cell Service Quality? (P : Poor, M : Ok, G : Good)	Signature
1	TORRY LEE	679 6 <sup>th</sup> AVE	(415) 822-7121	✓ Verizon Other	ATT Poor OK <u>Good</u>	<i>[Signature]</i>
2	YVONNE LEE	4142 CANT	(415) 386-6008	✓ Verizon Other	ATT Poor OK <u>Good</u>	<i>[Signature]</i>
3	GUO XIANG CHEN	681-6TH AVE	(415) 401-5829	✓ Verizon Other	ATT Poor OK <u>Good</u>	<i>[Signature]</i>
4	Sen Lee	578-6TH AVE	(415) 752-0722	Verizon Other	✓ ATT Poor <u>OK</u> Good	<i>[Signature]</i>
5	Sally Chen	576-6TH AVE	379-6480	Verizon Other	✓ ATT Poor OK <u>Good</u>	<i>[Signature]</i>
6	Tingyi	578 6TH AVE	(415) 601-5217	✓ Verizon Other	ATT Poor OK <u>Good</u>	<i>[Signature]</i>
7	Kun Li	576 6TH AVE	(415) 269-7116	✓ Verizon Other	ATT Poor OK <u>Good</u>	<i>[Signature]</i>
8	David Gize	578 6TH AVE	632-7367	Verizon Other	✗ ATT Poor OK <u>Good</u>	<i>[Signature]</i>
9	Wang	546 6TH AVE	298-8681	Verizon Other	✓ ATT Poor <u>OK</u> Good	<i>[Signature]</i>
10	Wang	546 6TH AVE	741-8118	Verizon Other	✓ ATT Poor <u>OK</u> Good	<i>[Signature]</i>
11	MEI CHEN	587-5 <sup>th</sup> AVE	415 668-0177	✓ Verizon Other	ATT Poor OK <u>Good</u>	<i>[Signature]</i>
12	WILLIAM CHEN	587-5 <sup>th</sup> AVE	668-0177	✓ Verizon Other	ATT Poor OK <u>Good</u>	<i>[Signature]</i>
13	DAN HUANG	587-5 <sup>th</sup> AVE	668-0177	✓ Verizon Other	ATT Poor OK <u>Good</u>	<i>[Signature]</i>
14	Zhu Huihua	633-5 <sup>th</sup> AVE	387-7255	✓ Verizon Other	ATT Poor OK <u>Good</u>	<i>[Signature]</i>
15	MU YU HUI	633-5 <sup>th</sup> AVE	387-7255	✓ Verizon Other	ATT Poor OK <u>Good</u>	<i>[Signature]</i>
16	Cindy Feng	547-6TH	221-2698	Verizon Other	ATT Poor OK <u>Good</u>	<i>[Signature]</i>
17	Wang	446-19th	876-6268	Verizon Other	ATT Poor OK <u>Good</u>	<i>[Signature]</i>
18	Denny Liu	632 5th	317-1460	✓ Verizon Other	ATT Poor OK <u>Good</u>	<i>[Signature]</i>
19	Tony	630-5th	377-9502	Verizon Other	ATT Poor OK <u>Good</u>	<i>[Signature]</i>

These participants oppose the Verizon Antenna Project on at Kaiser Permanente SF at 498 6th Ave.

	Printed Name	Address	Phone	Which Cell Service?	Cell Service Quality? (P - Poor, M - OK, G - Good)	Signature
1	Al Kiong Hugg	636-57th	415-349-1280	✓ Verizon Other	AIT Poor OK <u>Good</u>	Al Kiong
2	Kevin Hugg	636-57th	415-349-1288	✓ Verizon Other	AIT Poor OK <u>Good</u>	Kevin Hugg
3	Penny Chee	629-5th Ave	415 387-2990	✓ Verizon Other	AIT Poor OK <u>Good</u>	Penny
4	Warren Chee	629-5th Ave	415-387-2990	✓ Verizon Other	AIT Poor OK <u>Good</u>	Warren
5	Al Tom Zah	652 5th Ave	(415) 379-6785	✓ Verizon Other	AIT Poor OK <u>Good</u>	Al Tom Zah
6	Shinghe Yu	650 5th Ave	(415) 752-9395	Verizon Other	AIT Poor OK <u>Good</u>	Shinghe Yu
7	Lifeng Chen	658 5th Ave	(415) 221-3182	Verizon Other	AIT Poor <u>OK</u> Good	Lifeng Chen
8	Jenny	661-5th Ave	415 225 8944	Verizon Other	AIT Poor OK Good	Jenny
9	Dmy Lee	667-5th Ave	415 752 0218	Verizon Other	AIT Poor OK Good	Dmy Lee
10	Chen Chu Lin	667-5th Ave	415 752 0218	Verizon Other	AIT Poor OK <u>Good</u>	Chen Chu Lin
11	Jennie Adler	572 6th Ave	415-999-2016	Verizon ✓ Other	AIT Poor <u>OK</u> Good	Jennie Adler
12	Kate Matsumoto	570 6th Ave	310-623-6999	✓ Verizon Other	AIT Poor OK <u>Good</u>	Kate
13	Xinrong Jiang	562 6th, rd APT 14	415-990-0891	Verizon Other	AIT Poor OK Good	Xinrong Jiang
14	Larry	1441 ANZA	415-941-8112	Verizon Other	AIT Poor OK Good	Larry
15	Annie Tans	583 5th Ave	510 454 6282	Verizon Other	AIT Poor OK <u>Good</u>	Annie Tans
16	Wu, Chuxiong	618-6th Ave	415-876-1638	X Verizon Other	AIT Poor OK <u>Good</u>	Wu, Chuxiong
17	Chi Wai Li	521A 5th Ave	(415) 387-4559	✓ Verizon Other	AIT Poor OK <u>Good</u>	Chi Wai Li
18	VIZN THW	5135 4th	387-1409	Verizon Other	AIT Poor OK Good	VIZN THW
19	Meghan	1407-ANZA	808-222-1131 384	✓ Verizon Other	AIT Poor OK <u>Good</u>	Meghan

These participants oppose the Verizon Antenna Project on at Kaiser Permanente SF at 498 6th Ave.

	Printed Name	Address	Phone	Email	Cell Service (P = Poor, M = Ok, G = Good)	Signature
1	YILUNLU	1344 ANZA S.F. CA 94116	415 751-1077		Verizon <input checked="" type="checkbox"/> Other Service: P M <input checked="" type="radio"/> G	YILUNLU
2	TULLIARY	1344 C ANZA	415 310-8557		Verizon <input checked="" type="checkbox"/> Other Service: P M <input checked="" type="radio"/> G	Tn
3	WILLIAMCHEN	495-412 AVE S.F.	415-751-3889		Verizon <input checked="" type="checkbox"/> Other Service: P M <input checked="" type="radio"/> G	William Chen
4	Bmk	487-412 AVE S.F.	415-666-3498		Verizon <input checked="" type="checkbox"/> Other Service: P M <input checked="" type="radio"/> G	Bmk
5	Lan Zhu Kuang	481-472 AVE S.F.	415 387-8101		Verizon <input checked="" type="checkbox"/> Other Service: P M <input checked="" type="radio"/> G	Lan Zhu
6	Frederick	475-411 AVE S.F. CA	415 387-2450		Verizon <input checked="" type="checkbox"/> Other Service: P M <input checked="" type="radio"/> G	Frederick
7	Anthony May	425 4th AVE.			Verizon <input checked="" type="checkbox"/> Other Service: P M <input checked="" type="radio"/> G	Anthony May
8	TERESA	415 4th AVE	917 618 9869		Verizon <input checked="" type="checkbox"/> Other Service: P M <input checked="" type="radio"/> G	TERESA
9	Rose Lee	459 4th AVE	357 6874		Verizon <input checked="" type="checkbox"/> Other Service: P M G	Rose Lee
10	MB Sgozwo	451-4th AVE	375-1124	call back pct. speaker	Verizon <input checked="" type="checkbox"/> Other Service: P M <input checked="" type="radio"/> G	MB Sgozwo
11	Deanna Lucks	425 4th AVE	702 927 3048		Verizon <input checked="" type="checkbox"/> Other Service: P M <input checked="" type="radio"/> G	Deanna Lucks
12	Jonathan Bao	436 5th AVE	415 501 1555		Verizon <input checked="" type="checkbox"/> Other Service: P M <input checked="" type="radio"/> G	Jonathan Bao
13					Verizon <input type="checkbox"/> Other Service: P M G	
14					Verizon <input type="checkbox"/> Other Service: P M G	
15					Verizon <input type="checkbox"/> Other Service: P M G	
16					Verizon <input type="checkbox"/> Other Service: P M G	
17					Verizon <input type="checkbox"/> Other Service: P M G	
18					Verizon <input type="checkbox"/> Other Service: P M G	
19					Verizon <input type="checkbox"/> Other Service: P M G	
20					Verizon <input type="checkbox"/> Other Service: P M G	

These participants oppose the Verizon Antenna Project on at Kaiser Permanente SF at 498 6th Ave.

	Printed Name	Address	Phone	Email	Cell Service (P = Poor, M = Ok, G = Good)	Signature
1	James Gallagher	5285th Ave SE. CA MILY	410-515-1449	M. Gallagher	<input checked="" type="checkbox"/> Verizon <input type="checkbox"/> Other Service: P M <input checked="" type="checkbox"/> G	
2	Glen Perry				<input type="checkbox"/> Verizon <input type="checkbox"/> Other Service: P M G	
3	Percy Yee	545 5th Ave.	(415) 751 4070	d21e4etment	<input type="checkbox"/> Verizon <input type="checkbox"/> Other Service: P M G	
4	Caridad Lopez	526th Avenue	415 221-1873	caridadlopez @yahoo	<input type="checkbox"/> Verizon <input type="checkbox"/> Other Service: P M G	
5	Li Ping Cai	526 6st	415 379-8918		<input type="checkbox"/> Verizon <input type="checkbox"/> Other Service: P M G	
6	Harbottle	382A 7th Ave	373-2002		<input type="checkbox"/> Verizon <input type="checkbox"/> Other Service: P M G	
7	Emily	1522 Anza	596-3580		<input type="checkbox"/> Verizon <input type="checkbox"/> Other Service: P M G	
8	Clive Fan	516 7th Ave	415 203-3486		<input type="checkbox"/> Verizon <input type="checkbox"/> Other Service: P M G	
9					<input type="checkbox"/> Verizon <input type="checkbox"/> Other Service: P M G	
10					<input type="checkbox"/> Verizon <input type="checkbox"/> Other Service: P M G	
11					<input type="checkbox"/> Verizon <input type="checkbox"/> Other Service: P M G	
12					<input type="checkbox"/> Verizon <input type="checkbox"/> Other Service: P M G	
13					<input type="checkbox"/> Verizon <input type="checkbox"/> Other Service: P M G	
14					<input type="checkbox"/> Verizon <input type="checkbox"/> Other Service: P M G	
15					<input type="checkbox"/> Verizon <input type="checkbox"/> Other Service: P M G	
16					<input type="checkbox"/> Verizon <input type="checkbox"/> Other Service: P M G	
17					<input type="checkbox"/> Verizon <input type="checkbox"/> Other Service: P M G	
18					<input type="checkbox"/> Verizon <input type="checkbox"/> Other Service: P M G	
19					<input type="checkbox"/> Verizon <input type="checkbox"/> Other Service: P M G	
20					<input type="checkbox"/> Verizon <input type="checkbox"/> Other Service: P M G	



I/we oppose the Verizon Cell tower antennas at Kaiser Permanente at 498 6th Ave

	Printed Name	Address	Phone	Which Cell Service?	Cell Service Quality? (P = Poor, M = OK, G = Good)	Signature
1	Jenny Lee	1327 ANZA ST SF CA	602-9075	Verizon ... ATT Other	Poor OK <u>Good</u>	<i>Jenny Lee</i>
2	Stephen Lee	1327 ANZA ST SF CA	215-0023	Verizon ATT Other	Poor OK <u>Good</u>	<i>Stephen Lee</i>
3	Victoria Lee	1327 ANZA ST SF CA	596-3558	Verizon ATT Other	Poor OK <u>Good</u>	<i>Victoria Lee</i>
4	Brian Lee	1327 ANZA ST SF CA	414-7045	Verizon ATT Other	Poor OK <u>Good</u>	<i>Brian Lee</i>
5	HUI TANG	505 4TH AV	425-5170	Verizon (ATT) Other	Poor OK <u>Good</u>	<i>H. Tang</i>
6	WILLIAM YAN	517 4th Ave SF, CA	350-7098	Verizon ATT Other	Poor OK <u>Good</u>	<i>William Yan</i>
7				Verizon ATT Other	Poor OK Good	
8				Verizon ATT Other	Poor OK Good	
9				Verizon ATT Other	Poor OK Good	
10				Verizon ATT Other	Poor OK Good	
11				Verizon ATT Other	Poor OK Good	
12				Verizon ATT Other	Poor OK Good	
13				Verizon ATT Other	Poor OK Good	
14				Verizon ATT Other	Poor OK Good	
15				Verizon ATT Other	Poor OK Good	
16				Verizon ATT Other	Poor OK Good	
17				Verizon ATT Other	Poor OK Good	
18				Verizon ATT Other	Poor OK Good	
19			387	Verizon ATT Other	Poor OK Good	



I/we oppose the Verizon Cell tower antennas at Kaiser Permanente at 498 6th Ave

	Printed Name	Address	Phone	Email	Cell Service (P = Poor, M = Ok, G = Good)	Signature
1	William J. Wang	368 7th Ave	751-8710		<input checked="" type="checkbox"/> Verizon Service: <input checked="" type="radio"/> P <input checked="" type="radio"/> M <input checked="" type="radio"/> G	
2	Helen Wang	368-7th Ave	751-8710		<input checked="" type="checkbox"/> Verizon Service: <input checked="" type="radio"/> P <input checked="" type="radio"/> M <input checked="" type="radio"/> G	
3	Henry Wang	367 7th Ave	387-7828		<input type="checkbox"/> Verizon Service: P <input checked="" type="radio"/> M <input checked="" type="radio"/> G	
4					<input type="checkbox"/> Verizon Service: P <input type="checkbox"/> M <input type="checkbox"/> G	
5					<input type="checkbox"/> Verizon Service: P <input type="checkbox"/> M <input type="checkbox"/> G	
6					<input type="checkbox"/> Verizon Service: P <input type="checkbox"/> M <input type="checkbox"/> G	
7					<input type="checkbox"/> Verizon Service: P <input type="checkbox"/> M <input type="checkbox"/> G	
8					<input type="checkbox"/> Verizon Service: P <input type="checkbox"/> M <input type="checkbox"/> G	
9					<input type="checkbox"/> Verizon Service: P <input type="checkbox"/> M <input type="checkbox"/> G	
10					<input type="checkbox"/> Verizon Service: P <input type="checkbox"/> M <input type="checkbox"/> G	

www.angelaschildrenscenter.com

775 7th Ave • San Francisco, CA 94118  
reception: 415.386.0184 • fax: 415.386.5988

I/we oppose the Verizon Cell tower antennas at Kaiser Permanente at 498 6th Ave

	Printed Name	Address	Phone	Email	Cell Service (P = Poor, M = Ok, G = Good)	Signature
1	Tenny Ou	327 6th Ave SF CA 94118	415 668-6789		<input checked="" type="checkbox"/> Verizon Service: P <input checked="" type="radio"/> M <input type="radio"/> G	
2	Donald Chin	323 6th Ave SF CA 94118	415 668-6789		<input checked="" type="checkbox"/> Verizon Service: P <input checked="" type="radio"/> M <input type="radio"/> G	
3					<input type="checkbox"/> Verizon <input type="checkbox"/> Other Service: P M G	
4					<input type="checkbox"/> Verizon <input type="checkbox"/> Other Service: P M G	
5					<input type="checkbox"/> Verizon <input type="checkbox"/> Other Service: P M G	
6					<input type="checkbox"/> Verizon <input type="checkbox"/> Other Service: P M G	
7					<input type="checkbox"/> Verizon <input type="checkbox"/> Other Service: P M G	
8					<input type="checkbox"/> Verizon <input type="checkbox"/> Other Service: P M G	
9					<input type="checkbox"/> Verizon <input type="checkbox"/> Other Service: P M G	
10					<input type="checkbox"/> Verizon <input type="checkbox"/> Other Service: P M G	



I/we oppose the Verizon Cell tower antennas at Kaiser Permanente at 498 6th Ave

	Printed Name	Address	Phone	Email	Cell Service (P = Poor, M = Ok, G = Good)	Signature
1	LIEN CHEN LIANG	643A 7TH AVE	387-6802		Verizon Service: P <input checked="" type="radio"/> M <input type="radio"/> G Other <input type="radio"/>	<i>Lien Chen Liang</i>
2	SAM KING LIANG	643A 7TH AVE	387-6802		Verizon Service: P <input checked="" type="radio"/> M <input type="radio"/> G Other <input type="radio"/>	<i>Sam King Liang</i>
3					Verizon Service: P <input type="radio"/> M <input type="radio"/> G Other <input type="radio"/>	
4					Verizon Service: P <input type="radio"/> M <input type="radio"/> G Other <input type="radio"/>	
5					Verizon Service: P <input type="radio"/> M <input type="radio"/> G Other <input type="radio"/>	
6					Verizon Service: P <input type="radio"/> M <input type="radio"/> G Other <input type="radio"/>	
7					Verizon Service: P <input type="radio"/> M <input type="radio"/> G Other <input type="radio"/>	
8					Verizon Service: P <input type="radio"/> M <input type="radio"/> G Other <input type="radio"/>	
9					Verizon Service: P <input type="radio"/> M <input type="radio"/> G Other <input type="radio"/>	
10					Verizon Service: P <input type="radio"/> M <input type="radio"/> G Other <input type="radio"/>	

B/W Geany & Anza  
Cath



I/we oppose the Verizon Cell tower antennas at Kaiser Permanente at 498 6th Ave

	Printed Name	Address	Phone	Email	Cell Service (P = Poor, M = Ok, G = Good)	Signature
1	Martha Thompson	463 6th Ave. Apt. 5	415-308-5872	mthomp@marthathompson.com	Verizon Service: P M <input checked="" type="radio"/> Other G	Martha Thompson
2	THELMA FAVORCA	463 6th Ave. # 4	415-831-5037		Verizon Service: P M <input checked="" type="radio"/> Other G	Thelma Favorca
3					Verizon Service: P M <input type="radio"/> Other G	
4					Verizon Service: P M <input type="radio"/> Other G	
5					Verizon Service: P M <input type="radio"/> Other G	
6					Verizon Service: P M <input type="radio"/> Other G	
7					Verizon Service: P M <input type="radio"/> Other G	
8					Verizon Service: P M <input type="radio"/> Other G	
9					Verizon Service: P M <input type="radio"/> Other G	
10					Verizon Service: P M <input type="radio"/> Other G	



I/we oppose the Verizon Cell tower antennas at Kaiser Permanente at 498 6th Ave

	Printed Name	Address	Phone	Email	Cell Service (P = Poor, M = Ok, G = Good)	Signature
1	MARCO BORCUNYA	463 6TH AVE. #2 SF, CA, 94118	N/A	PO BOX 307 @ mail RE	<input type="checkbox"/> Verizon <input checked="" type="checkbox"/> Other Service: P M G	
2					<input type="checkbox"/> Verizon <input type="checkbox"/> Other Service: P M G	
3					<input type="checkbox"/> Verizon <input type="checkbox"/> Other Service: P M G	
4					<input type="checkbox"/> Verizon <input type="checkbox"/> Other Service: P M G	
5					<input type="checkbox"/> Verizon <input type="checkbox"/> Other Service: P M G	
6					<input type="checkbox"/> Verizon <input type="checkbox"/> Other Service: P M G	
7					<input type="checkbox"/> Verizon <input type="checkbox"/> Other Service: P M G	
8					<input type="checkbox"/> Verizon <input type="checkbox"/> Other Service: P M G	
9					<input type="checkbox"/> Verizon <input type="checkbox"/> Other Service: P M G	
10					<input type="checkbox"/> Verizon <input type="checkbox"/> Other Service: P M G	



I/we oppose the Verizon Cell tower antennas at Kaiser Permanente at 498 6th Ave

	Printed Name	Address	Phone	Email	Cell Service (P = Poor, M = Ok, G = Good)	Signature
1	KEVIN MAI	685-4th	415-666-7897		<input type="checkbox"/> Verizon <input type="checkbox"/> Other Service: P    M    G	<i>Kevin Mai</i>
2					<input type="checkbox"/> Verizon <input type="checkbox"/> Other Service: P    M    G	
3					<input type="checkbox"/> Verizon <input type="checkbox"/> Other Service: P    M    G	
4					<input type="checkbox"/> Verizon <input type="checkbox"/> Other Service: P    M    G	
5					<input type="checkbox"/> Verizon <input type="checkbox"/> Other Service: P    M    G	
6					<input type="checkbox"/> Verizon <input type="checkbox"/> Other Service: P    M    G	
7					<input type="checkbox"/> Verizon <input type="checkbox"/> Other Service: P    M    G	
8					<input type="checkbox"/> Verizon <input type="checkbox"/> Other Service: P    M    G	
9					<input type="checkbox"/> Verizon <input type="checkbox"/> Other Service: P    M    G	
10					<input type="checkbox"/> Verizon <input type="checkbox"/> Other Service: P    M    G	



I/we oppose the Verizon Cell tower antennas at Kaiser Permanente at 498 6th Ave

	Printed Name	Address	Phone	Email	Cell Service (P = Poor, M = Ok, G = Good)	Signature
1	RICHARD FOLEY	441 4th Ave	415 387-1678		Verizon Service: P M <input checked="" type="radio"/> Other G	<i>[Signature]</i>
2					Verizon Service: P M G	
3					Verizon Service: P M G	
4					Verizon Service: P M G	
5					Verizon Service: P M G	
6					Verizon Service: P M G	
7					Verizon Service: P M G	
8					Verizon Service: P M G	
9					Verizon Service: P M G	
10					Verizon Service: P M G	





I/we oppose the Verizon Cell tower antennas at Kaiser Permanente at 498 6th Ave

	Printed Name	Address	Phone	Email	Cell Service (P = Poor, M = Ok, G = Good)	Signature
1	GLORIA LAM	454 4th Ave	415-374-4238	gloria.lam@kaiserpermanente.org	Verizon Service: <input checked="" type="radio"/> P <input type="radio"/> M <input type="radio"/> G Other: <input type="radio"/> P <input type="radio"/> M <input type="radio"/> G	<i>[Signature]</i>
2	Sing Lam	459 4th Ave	415-387-6874		Verizon Service: <input type="radio"/> P <input type="radio"/> M <input checked="" type="radio"/> G Other: <input type="radio"/> P <input type="radio"/> M <input type="radio"/> G	<i>[Signature]</i>
3					Verizon Service: <input type="radio"/> P <input type="radio"/> M <input type="radio"/> G Other: <input type="radio"/> P <input type="radio"/> M <input type="radio"/> G	
4					Verizon Service: <input type="radio"/> P <input type="radio"/> M <input type="radio"/> G Other: <input type="radio"/> P <input type="radio"/> M <input type="radio"/> G	
5					Verizon Service: <input type="radio"/> P <input type="radio"/> M <input type="radio"/> G Other: <input type="radio"/> P <input type="radio"/> M <input type="radio"/> G	
6					Verizon Service: <input type="radio"/> P <input type="radio"/> M <input type="radio"/> G Other: <input type="radio"/> P <input type="radio"/> M <input type="radio"/> G	
7					Verizon Service: <input type="radio"/> P <input type="radio"/> M <input type="radio"/> G Other: <input type="radio"/> P <input type="radio"/> M <input type="radio"/> G	
8					Verizon Service: <input type="radio"/> P <input type="radio"/> M <input type="radio"/> G Other: <input type="radio"/> P <input type="radio"/> M <input type="radio"/> G	
9					Verizon Service: <input type="radio"/> P <input type="radio"/> M <input type="radio"/> G Other: <input type="radio"/> P <input type="radio"/> M <input type="radio"/> G	
10					Verizon Service: <input type="radio"/> P <input type="radio"/> M <input type="radio"/> G Other: <input type="radio"/> P <input type="radio"/> M <input type="radio"/> G	

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I/we oppose the Verizon Cell tower antennas at Kaiser Permanente at 498 6th Ave

	Printed Name	Address	Phone	Email	Cell Service (P = Poor, M = Ok, G = Good)	Signature
9	1 E. Lezardelle	1335 Anza ST SF CA 94118	(415) 321-0512		___ Verizon ___ Other Service: P M G	
2	2 Deneal Mesa	505 5th Ave	415 3798 59	X	___ Verizon X ___ Other Service: P M G	
3	3 Paveleva	523 5th Ave #4	415 724-5863		___ Verizon Y ___ Other Service: P M G	
4	4 Philip Choy	453 Anza SF CA 94118	415 221-2729		___ Verizon ___ Other Service: P M G	
5	5 Cynthia Hogg	523 6th Ave SF CA 94118	415-244-6237		___ Verizon ___ Other Service: P M G	
6	6 Sasha Ekstrom	497 6th Ave SF CA 94118	415 399 9484	X	___ Verizon X ___ Other Service: P M G	
7	7 BENSON TRUONG	471 6th Ave #10 SF CA 94118	415-751-0843	/	___ Verizon / ___ Other Service: P M G	
8	8 Alex Chen	1532 Anza st			___ Verizon ___ Other Service: P M G	
9	9 Felix Feng	507 7th Ave #5		/	___ Verizon V ___ Other Service: P M G	
10					___ Verizon ___ Other Service: P M G	



I/we oppose the Verizon Cell tower antennas at Kaiser Permanente at 498 6th Ave

	Printed Name	Address	Phone	Email	Cell Service (P = Poor, M = Ok, G = Good)	Signature
1	TRACY AU	466 3RD AVE	751-2165		Verizon Service: P M <input checked="" type="radio"/> Other G	<i>[Signature]</i>
2	Kevin Au	466 3rd Ave	751-2165		Verizon Service: P M <input checked="" type="radio"/> Other G	<i>[Signature]</i>
3					Verizon Service: P M <input type="radio"/> Other G	
4					Verizon Service: P M <input type="radio"/> Other G	
5					Verizon Service: P M <input type="radio"/> Other G	
6					Verizon Service: P M <input type="radio"/> Other G	
7					Verizon Service: P M <input type="radio"/> Other G	
8					Verizon Service: P M <input type="radio"/> Other G	
9					Verizon Service: P M <input type="radio"/> Other G	
10					Verizon Service: P M <input type="radio"/> Other G	



I/we oppose the Verizon Cell tower antennas at Kaiser Permanente at 498 6th Ave

	Printed Name	Address	Phone	Email	Cell Service (P = Poor, M = Ok, G = Good)	Signature
1	Heather Wu	573 67th Ave E-F CA 94118 6728	415-386-4113		___ Verizon ___ Other Service: P M G	Heather Wu
2	FENLAN Chen	✓	415-831-4113		___ Verizon ___ Other Service: P M G	Fenlan Chen
3	Sum Genta	✓	415-831-4113		___ Verizon ___ Other Service: P M G	Sum Genta
4	Qi Shan	✓	(510) 432-3478		___ Verizon ___ Other Service: P M G	Qi Shan
5	Jian Ying Wang	✓	(415)-994-4119		___ Verizon ___ Other Service: P M G	Jian Ying Wang
6					___ Verizon ___ Other Service: P M G	
7					___ Verizon ___ Other Service: P M G	
8					___ Verizon ___ Other Service: P M G	
9					___ Verizon ___ Other Service: P M G	
10					___ Verizon ___ Other Service: P M G	



I/we oppose the Verizon Cell tower antennas at Kaiser Permanente at 498 6th Ave

	Printed Name	Address	Phone	Email	Cell Service (P = Poor, M = Ok, G = Good)	Signature
1	MICHAEL K.	525 G - 15th St SF, CA	751-7128	/	___ Verizon ___ Other Service: P M <u>G</u>	Michael
2	MARCO K.	525 G - 15th St SF, CA	751-7128	/	___ Verizon ___ Other Service: P M <u>G</u>	Marco
3	CHERRY	525 G - 15th St SF, CA	751-7128	/	___ Verizon ___ Other Service: P M <u>G</u>	X
4	Wang K.	525 G - 15th St SF, CA	751-7128	/	___ Verizon ___ Other Service: P M <u>G</u>	Wang
5					___ Verizon ___ Other Service: P M G	
6					___ Verizon ___ Other Service: P M G	
7					___ Verizon ___ Other Service: P M G	
8					___ Verizon ___ Other Service: P M G	
9					___ Verizon ___ Other Service: P M G	
10					___ Verizon ___ Other Service: P M G	



I/we oppose the Verizon Cell tower antennas at Kaiser Permanente at 498 6th Ave

	Printed Name	Address	Phone	Email	Cell Service (P = Poor, M = Ok, G = Good)	Signature
1	LAM, NATALIE	526 BALBOAST	415-700-9800		Verizon Service: P <input checked="" type="radio"/> M <input type="radio"/> G Other	<i>Natalie Lam</i>
2	LAM, QIZHAI	526 BALBOAST	415-700-9800		Verizon Service: P <input checked="" type="radio"/> M <input type="radio"/> G Other	<i>Qizhai Lam</i>
3	LAM, TIFFANY	526 BALBOAST	415-700-9800		Verizon Service: P <input checked="" type="radio"/> M <input type="radio"/> G Other	<i>Tiffany Lam</i>
4	LAM, VICTORIA	526 BALBOAST	415-700-9800		Verizon Service: P <input checked="" type="radio"/> M <input type="radio"/> G Other	<i>Victoria Lam</i>
5	LAM, LINDA	526 BALBOAST	415-700-9800		Verizon Service: P <input checked="" type="radio"/> M <input type="radio"/> G Other	<i>Linda Lam</i>
6					Verizon Service: P <input type="radio"/> M <input type="radio"/> G Other	
7					Verizon Service: P <input type="radio"/> M <input type="radio"/> G Other	
8					Verizon Service: P <input type="radio"/> M <input type="radio"/> G Other	
9					Verizon Service: P <input type="radio"/> M <input type="radio"/> G Other	
10					Verizon Service: P <input type="radio"/> M <input type="radio"/> G Other	



I/we oppose the Verizon Cell tower antennas at Kaiser Permanente at 498 6th Ave

	Printed Name	Address	Phone	Email	Cell Service (P = Poor, M = Ok, G = Good)	Signature
1	Fay Wong	183 5TH AVE	668 8991		___ Verizon ___ Other Service: P M G	Fay Wong
2					___ Verizon ___ Other Service: P M G	
3					___ Verizon ___ Other Service: P M G	
4					___ Verizon ___ Other Service: P M G	
5					___ Verizon ___ Other Service: P M G	
6					___ Verizon ___ Other Service: P M G	
7					___ Verizon ___ Other Service: P M G	
8					___ Verizon ___ Other Service: P M G	
9					___ Verizon ___ Other Service: P M G	
10					___ Verizon ___ Other Service: P M G	

I/we oppose the Verizon Cell tower antennas at Kaiser Permanente at 498 6th Ave

	Printed Name	Address	Phone	Which Cell Service?	Cell Service Quality? (P = Poor, M = Ok, G = Good)	Signature
1	Qua Hong	1436 BALBOA	752-8607	Verizon ___ ATT ___ Other ___	Poor OK Good	Qua
2	Hue Lee	..	..	Verizon ___ ATT ___ Other ___	Poor OK Good	Hue
3	TRAN DIA	502 11th	751-7186	Verizon ___ ATT ___ Other ___	Poor OK Good	TRAN
4	BIR Lee	611 10th	752-3428	Verizon ___ ATT ___ Other ___	Poor OK Good	BIR
5	YOK TING	766 11th	752-4202	Verizon ___ ATT ___ Other ___	Poor OK Good	YOK
6	BINH LEAN	612 6th	386-2034	Verizon ___ ATT ___ Other ___	Poor OK Good	BINH
7	Kim Kuo			Verizon ___ ATT ___ Other ___	Poor OK Good	Kim
8	YUE HUA LA	610A 6th	831-5631	Verizon ___ ATT ___ Other ___	Poor OK Good	YHL
9	Wen H. Lee	3166 Sacramento St.		Verizon ___ ATT ___ Other ___	Poor OK Good	WHL
10	LAHUE HTI		386-2879	Verizon ___ ATT ___ Other ___	Poor OK Good	LAHUE
11	LILLIAN HONG	743-23RD AVE	387-0417	Verizon ___ ATT ___ Other ___	Poor OK Good	LILLIAN
12	Sin Fung NG	760-8 AVE	706-2229	Verizon <u>≠</u> ATT ___ Other ___	Poor OK <u>Good</u>	Sin Fung
13				Verizon ___ ATT ___ Other ___	Poor OK Good	
14				Verizon ___ ATT ___ Other ___	Poor OK Good	
15				Verizon ___ ATT ___ Other ___	Poor OK Good	
16				Verizon ___ ATT ___ Other ___	Poor OK Good	
17				Verizon ___ ATT ___ Other ___	Poor OK Good	
18				Verizon ___ ATT ___ Other ___	Poor OK Good	
19				Verizon ___ ATT ___ Other ___	Poor OK Good	



I/we oppose the Verizon Cell tower antennas at Kaiser Permanente at 498 6th Ave

	Printed Name	Address	Phone	Which Cell Service?	Cell Service Quality? (P = Poor, M = Ok, G = Good)	Signature
1	Mary Tong	195 EWING	963-5873	Verizon <input type="checkbox"/> ATT <input type="checkbox"/> Other <input type="checkbox"/>	Poor <input type="checkbox"/> OK <input type="checkbox"/> Good <input type="checkbox"/>	Mary
2	Ang Chen	779 15th	386-0690	Verizon <input checked="" type="checkbox"/> ATT <input type="checkbox"/> Other <input type="checkbox"/>	Poor <input type="checkbox"/> OK <input type="checkbox"/> Good <input checked="" type="checkbox"/>	Ang
3	Wanda Lee	235-23rd Ave	752-3752	Verizon <input type="checkbox"/> ATT <input type="checkbox"/> Other <input type="checkbox"/>	Poor <input type="checkbox"/> OK <input type="checkbox"/> Good <input type="checkbox"/>	Wanda
4	May Lee	176-16th Ave	221-8163	Verizon <input type="checkbox"/> ATT <input type="checkbox"/> Other <input type="checkbox"/>	Poor <input type="checkbox"/> OK <input type="checkbox"/> Good <input type="checkbox"/>	ML
5	Philip Chen	4444 #202 Balboa St	387-6802	Verizon <input checked="" type="checkbox"/> ATT <input type="checkbox"/> Other <input type="checkbox"/>	Poor <input type="checkbox"/> OK <input type="checkbox"/> Good <input checked="" type="checkbox"/>	Philip
6	Wanda Lee	743-8th		Verizon <input type="checkbox"/> ATT <input type="checkbox"/> Other <input type="checkbox"/>	Poor <input type="checkbox"/> OK <input type="checkbox"/> Good <input type="checkbox"/>	Wanda
7	Kathy Lee	834 CABRILLO	933-6349	Verizon <input checked="" type="checkbox"/> ATT <input type="checkbox"/> Other <input type="checkbox"/>	Poor <input type="checkbox"/> OK <input type="checkbox"/> Good <input checked="" type="checkbox"/>	Kathy
8	VON TO	7514 7th		Verizon <input type="checkbox"/> ATT <input type="checkbox"/> Other <input type="checkbox"/>	Poor <input type="checkbox"/> OK <input type="checkbox"/> Good <input type="checkbox"/>	VON
9	YUZ-THING	1308 ANZA	240-1770	Verizon <input type="checkbox"/> ATT <input type="checkbox"/> Other <input type="checkbox"/>	Poor <input type="checkbox"/> OK <input type="checkbox"/> Good <input type="checkbox"/>	YUZ
10	Korn Lee	549-8	221-2890	Verizon <input type="checkbox"/> ATT <input type="checkbox"/> Other <input type="checkbox"/>	Poor <input type="checkbox"/> OK <input type="checkbox"/> Good <input type="checkbox"/>	Korn
11	NANCY	655-2nd Ave	387-7096	Verizon <input type="checkbox"/> ATT <input type="checkbox"/> Other <input type="checkbox"/>	Poor <input type="checkbox"/> OK <input type="checkbox"/> Good <input type="checkbox"/>	Nancy
12	Anna Kwong	650-12th Ave	387-5591	Verizon <input type="checkbox"/> ATT <input type="checkbox"/> Other <input type="checkbox"/>	Poor <input type="checkbox"/> OK <input type="checkbox"/> Good <input type="checkbox"/>	Anna
13	Tin Ling	643A 7th Ave	387-6802	Verizon <input type="checkbox"/> ATT <input type="checkbox"/> Other <input type="checkbox"/>	Poor <input type="checkbox"/> OK <input type="checkbox"/> Good <input type="checkbox"/>	Tin
14	CHEN-NOY			Verizon <input type="checkbox"/> ATT <input type="checkbox"/> Other <input type="checkbox"/>	Poor <input type="checkbox"/> OK <input type="checkbox"/> Good <input type="checkbox"/>	CHEN
15	Lo Ling Lee			Verizon <input type="checkbox"/> ATT <input type="checkbox"/> Other <input type="checkbox"/>	Poor <input type="checkbox"/> OK <input type="checkbox"/> Good <input type="checkbox"/>	Lo
16				Verizon <input type="checkbox"/> ATT <input type="checkbox"/> Other <input type="checkbox"/>	Poor <input type="checkbox"/> OK <input type="checkbox"/> Good <input type="checkbox"/>	
17				Verizon <input type="checkbox"/> ATT <input type="checkbox"/> Other <input type="checkbox"/>	Poor <input type="checkbox"/> OK <input type="checkbox"/> Good <input type="checkbox"/>	
18				Verizon <input type="checkbox"/> ATT <input type="checkbox"/> Other <input type="checkbox"/>	Poor <input type="checkbox"/> OK <input type="checkbox"/> Good <input type="checkbox"/>	
19				Verizon <input type="checkbox"/> ATT <input type="checkbox"/> Other <input type="checkbox"/>	Poor <input type="checkbox"/> OK <input type="checkbox"/> Good <input type="checkbox"/>	



I/we oppose the Verizon Cell tower antennas at Kaiser Permanente at 498 6th Ave

	Printed Name	Address	Phone	Email	Cell Service (P = Poor, M = Ok, G = Good)	Signature
1	Axt Lee	356 <sup>th</sup> Ave	415-668-1928		___ Verizon ___ Other Service: P M <u>G</u>	Axt Lee
2	Yue Tam	354 <sup>th</sup> Ave	415-668-1928		___ Verizon ___ Other Service: P M <u>G</u>	Yue Tam
3	Crystal Tam	110 Gellert Dr	415-807-2256		___ Verizon ___ Other Service: P M <u>G</u>	Crystal Tam
4	Yan Huang	no Gellert Dr	415-939-8187		___ Verizon ___ Other Service: P M <u>G</u>	Yan Huang
5	Jackie Tam	595 6TH AVE	415-706-8675		___ Verizon ___ Other Service: P M G	Jackie Tam
6	Brennan Ukulsh	595 6TH AVE	415-987-1465		___ Verizon ___ Other Service: P M G	Brennan Ukulsh
7					___ Verizon ___ Other Service: P M G	
8					___ Verizon ___ Other Service: P M G	
9					___ Verizon ___ Other Service: P M G	
10					___ Verizon ___ Other Service: P M G	

I/we oppose the Verizon Cell tower antennas at Kaiser Permanente at 498 6th Ave

	Printed Name	Address	Phone	Which Cell Service?	Cell Service Quality? (P = Poor, M = Ok, G = Good)	Signature
1	Linda Huang	623 8th Ave	(415) 831-9668	Verizon <input checked="" type="radio"/> ATT Other <input type="radio"/>	Poor <input type="radio"/> OK <input checked="" type="radio"/> Good	L.H.
2	TianMIIVHUANG	623 8th Ave	(415) 831-9668	Verizon <input checked="" type="radio"/> ATT Other <input type="radio"/>	Poor <input type="radio"/> OK <input checked="" type="radio"/> Good	T.H.
3	Su Qinzhu Huang	623 8th Ave	(415) 831-9668	Verizon <input checked="" type="radio"/> ATT Other <input type="radio"/>	Poor <input type="radio"/> OK <input checked="" type="radio"/> Good	S.H.
4	KE CHIEW	621 8TH Ave	(415) 205-1491	Verizon <input checked="" type="radio"/> ATT Other <input type="radio"/>	Poor <input type="radio"/> OK <input checked="" type="radio"/> Good	W.E.
5	Gang Tom	621 8th Ave	(415) 205-1492	Verizon <input checked="" type="radio"/> ATT Other <input type="radio"/>	Poor <input type="radio"/> OK <input checked="" type="radio"/> Good	G.T.
6	Angie Tom	619 8th Ave	(415) 752-3761	Verizon <input checked="" type="radio"/> ATT Other <input type="radio"/>	Poor <input type="radio"/> OK <input checked="" type="radio"/> Good	A.T.
7	Birkle Qu	612 6TH AVE	(415) 386-2034	Verizon <input checked="" type="radio"/> ATT Other <input type="radio"/>	Poor <input type="radio"/> OK <input checked="" type="radio"/> Good	B.Q.
8	Ya Ling Li	577 6th Ave	(415) 751-0922	Verizon <input checked="" type="radio"/> ATT Other <input type="radio"/>	Poor <input type="radio"/> OK <input checked="" type="radio"/> Good	Y.L.
9	Ya Ling L.	577 6th Ave	(415) 751-0922	Verizon <input checked="" type="radio"/> ATT Other <input type="radio"/>	Poor <input type="radio"/> OK <input checked="" type="radio"/> Good	Y.L.
10	Shuang HAO Zhu	577 6th Ave	(415) 751-0922	Verizon <input checked="" type="radio"/> ATT Other <input type="radio"/>	Poor <input type="radio"/> OK <input checked="" type="radio"/> Good	S.H.
11	Yang Si Li	577 6th Ave	(415) 751-0922	Verizon <input checked="" type="radio"/> ATT Other <input type="radio"/>	Poor <input type="radio"/> OK <input checked="" type="radio"/> Good	Y.S.L.
12	Tran	559 6TH AVE	(415) 751-7745	Verizon <input checked="" type="radio"/> ATT Other <input type="radio"/>	Poor <input type="radio"/> OK <input checked="" type="radio"/> Good	T.
13	Tran	557 6TH AVE	(415) 751-7745	Verizon <input checked="" type="radio"/> ATT Other <input type="radio"/>	Poor <input type="radio"/> OK <input checked="" type="radio"/> Good	T.
14	Tran	545 6TH AVE	(415) 221-5129	Verizon <input checked="" type="radio"/> ATT Other <input type="radio"/>	Poor <input type="radio"/> OK <input checked="" type="radio"/> Good	T.
15	Jue Gong	545 6th AVE	(415) 221-5129	Verizon <input checked="" type="radio"/> ATT Other <input type="radio"/>	Poor <input type="radio"/> OK <input checked="" type="radio"/> Good	J.G.
16	Candy Gong	545 6th AVE	(415) 221-5129	Verizon <input checked="" type="radio"/> ATT Other <input type="radio"/>	Poor <input type="radio"/> OK <input checked="" type="radio"/> Good	C.G.
17	Danny Gong	545 6th AVE	(415) 221-5129	Verizon <input checked="" type="radio"/> ATT Other <input type="radio"/>	Poor <input type="radio"/> OK <input checked="" type="radio"/> Good	D.G.
18	Xu Heung	451 Clement St	(415) 668-4384	Verizon <input checked="" type="radio"/> ATT Other <input type="radio"/>	Poor <input type="radio"/> OK <input checked="" type="radio"/> Good	X.H.
19			405	Verizon <input checked="" type="radio"/> ATT Other <input type="radio"/>	Poor <input type="radio"/> OK <input checked="" type="radio"/> Good	



I/we oppose the Verizon Cell tower antennas at Kaiser Permanente at 498 6th Ave

	Printed Name	Address	Phone	Email	Cell Service (P = Poor, M = Ok, G = Good)	Signature
1	KARINA NEWAL	622 8TH AVE	415-303-5299	KARINA NEWAL@gmail.com	<input checked="" type="checkbox"/> Verizon Service: P M <input checked="" type="checkbox"/> Other G	
2	BRANDON NEWAL	"	"	"	<input type="checkbox"/> Verizon Service: P <input checked="" type="checkbox"/> Other M G	
3	IVAN ANORGA	625 8TH AVE	415 305 1540		<input type="checkbox"/> Verizon Service: P <input checked="" type="checkbox"/> Other M G	
4					<input type="checkbox"/> Verizon Service: P <input type="checkbox"/> Other M G	
5					<input type="checkbox"/> Verizon Service: P <input type="checkbox"/> Other M G	
6					<input type="checkbox"/> Verizon Service: P <input type="checkbox"/> Other M G	
7					<input type="checkbox"/> Verizon Service: P <input type="checkbox"/> Other M G	
8					<input type="checkbox"/> Verizon Service: P <input type="checkbox"/> Other M G	
9					<input type="checkbox"/> Verizon Service: P <input type="checkbox"/> Other M G	
10					<input type="checkbox"/> Verizon Service: P <input type="checkbox"/> Other M G	



I/we oppose the Verizon Cell tower antennas at Kaiser Permanente at 498 6th Ave

	Printed Name	Address	Phone	Email	Cell Service (P = Poor, M = Ok, G = Good)	Signature
1	John Lee	610	415-831 5631		Verizon <input checked="" type="checkbox"/> Other Service: P M G	
2	John Lee	610	415-867 - 7543		Verizon <input checked="" type="checkbox"/> Other Service: P M G	
3		610			Verizon <input type="checkbox"/> Other Service: P M G	
4		610			Verizon <input checked="" type="checkbox"/> Other Service: P M G	
5					Verizon <input type="checkbox"/> Other Service: P M G	
6	Harold Lee	610	415-867 - 178		Verizon <input type="checkbox"/> Other Service: P M G	
7			415-867 1900		Verizon <input type="checkbox"/> Other Service: P M G	
8					Verizon <input type="checkbox"/> Other Service: P M G	
9					Verizon <input type="checkbox"/> Other Service: P M G	
10					Verizon <input type="checkbox"/> Other Service: P M G	



I/we oppose the Verizon Cell tower antennas at Kaiser Permanente at 498 6th Ave

	Printed Name	Address	Phone	Email	Cell Service (P = Poor, M = Ok, G = Good)	Signature
1	BOUYUK Lee Wong	547 6th Ave. SF CA 94118	(415)-221-2698		___ Verizon <input checked="" type="checkbox"/> Other Service: P M G	<i>Bouyuk Lee Wong</i>
2	WINDY LEO YCHEN oi CHIN	547-6TH AVE	221-2698		___ Verizon ___ Other Service: P M G	<i>Wm Dick Lee</i>
3	BRA DON WONG <del>MELINDA WONG</del>	547-6TH AVE	221-2698		___ Verizon ___ Other Service: P M G	<i>Brandon Wong</i>
4	MELISSA WONG	547-6TH AVE	221-2698		___ Verizon ___ Other Service: P M G	<i>MELISSA WONG</i>
5	MELINDA WONG	547-6 <sup>th</sup> Ave. 415-	221-2698		___ Verizon ___ Other Service: P M G	<i>Melinda Wong</i>
6	YCHEN oi CHIN	547-6 <sup>th</sup> Ave 415-	221-2698		___ Verizon ___ Other Service: P M G	<i>YCHEN oi CHIN</i>
7					___ Verizon ___ Other Service: P M G	
8					___ Verizon ___ Other Service: P M G	
9					___ Verizon ___ Other Service: P M G	
10					___ Verizon ___ Other Service: P M G	

To the Planning Commission:

I have been a resident at 420 5th Ave, cross street Geary Blvd, for over 10 years. My family of 4 who live in this building have enjoyed the less commercialized environment that this area has offered us in the past. We feel that in recent years this is slowly changing for the worse. Chain stores like Starbucks and Toyota have opened in the Inner Richmond, taking away our small neighborhood feel. Antennas, especially on prominent buildings such as Kaiser's, will destroy the neighborhood's look and feel even more. Verizon's coverage in the area is enough already. Unless the number of Verizon users that have specifically complained about the Inner Richmond coverage is significantly greater than my neighbors who have to put up with these antennas, they should not be installed.

Secondly, my family and I are all worried about our health. Will the radiation from these signals harm us? Although studies on radiation being inconclusive or having contradicting results ensures that it is legal to install antennas does not mean that Verizon and the Planning Commission of San Francisco should do so, meanwhile disregarding a possible threat to people's health.

I ask that you not install these antennas near my residence. Or at the very least, require Verizon to install just one to relay their signal.

Sincerely,

Henry J. Wang

July 26, 2011

420 5th Ave. Residents:

Jason Wang

Ruchua

Ruchua

Wang

Yi Sheng Yu

YI SHENG YU

Chun Li

Guang Ji Wang

418 5th Ave. Residents:

Rebecca Troeger

Rebecca Troeger

Cristi Stencil

Cristi Stencil

422 5th Ave. Residents:

Saul Egan

Pamela J Husten





**MACKENZIE & ALBRITTON LLP**

423 WASHINGTON STREET, 6<sup>TH</sup> FLOOR  
SAN FRANCISCO, CALIFORNIA 94111

TELEPHONE 415/288-4000  
FACSIMILE 415/288-4010

October 17, 2011

VIA HAND DELIVERY AND EMAIL

President of the Board David Chiu  
Supervisors Eric Mar, Mark Farrell,  
Carmen Chu, Ross Mirkarimi, Jane Kim,  
Sean Elsbernd, Scott Wiener, David Campos,  
Malia Cohen and John Avalos  
San Francisco Board of Supervisors  
1 Dr. Carlton B. Goodlett Place  
City Hall, Room 244  
San Francisco, CA 94102-4689

Re: Response to Appeal of Planning Commission approval of  
Application for Conditional Use Authorization  
Wireless Telecommunications Facility  
Case No. 2010.0951C  
4141 Geary Boulevard/450 6<sup>th</sup> Avenue

Dear President Chiu and Members of the Board of Supervisors:

We write on behalf of our client Verizon Wireless to request that you deny the pending appeal of the above-referenced Conditional Use Authorization, which was granted by vote of the Planning Commission on July 28, 2011, in passing Motion No. 18415 (the "Decision"). For the reasons explained below, the Planning Commission was entirely correct in granting Verizon Wireless's application. The Decision is consistent with the applicable provisions of the San Francisco Planning Code, General Plan, and *1996 WTS Facilities Siting Guidelines*, is compelled by the provisions of the federal Telecommunications Act, 47 U.S.C. §§332, et seq., and is supported by substantial evidence in the record.

**I. Project Description and Background.**

The Conditional Use Authorization granted by the Planning Commission is for the installation of a wireless telecommunications facility on the roof of the Kaiser Permanente building located at 4141 Geary Boulevard, at 6<sup>th</sup> Avenue ("the Project").

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CA- 2

File 110950

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BY [Signature]

The Project will consist of nine panel antennas, two GPS antennas, and associated equipment cabinets. The antennas will be flush-mounted in groups of three on the north, east and south sides of an existing penthouse on the roof of the Kaiser building, at a height of approximately 85 feet from street level, no higher than the existing roof line of the penthouse. All antennas will be screened from view. The maximum dimensions of the antennas will be approximately four feet tall, by one foot wide, by three to seven inches deep. The equipment cabinets will also be located on the roof, immediately to the north of the penthouse, and set back from the 6<sup>th</sup> Avenue property line by approximately 30 feet. The record contains photos of the existing building as well as photo simulations showing how the Project will appear from several angles. An example photo simulation of the Project as viewed from 6<sup>th</sup> Avenue is attached as Exhibit A. As is apparent from the photos, the visual impact is insignificant, and indeed, the antennas will be virtually indistinguishable from the existing mechanical penthouse.

The property site is zoned RM-1 (mixed, low density) on the portion of the lot facing 6<sup>th</sup> Avenue, and NC-3 (neighborhood commercial, moderate scale) on the north portion facing Geary Boulevard. The building where the Project will be located is part of the large Kaiser "French Campus," and is five stories tall (not counting the existing mechanical penthouse where the antennas will be mounted). It is located mid-block facing 6th Avenue, directly across from the Richmond District Police Station. As is noted in the Planning Department's Executive Summary ("the Staff Report"), the site is a "Location Preference 1" under San Francisco's *1996 Wireless Telecommunications Services (WTS) Siting Guidelines* in that the existing use is a hospital and considered a public use structure.

In support of its application for a Conditional Use authorization, Verizon Wireless submitted substantial materials to the Planning Department demonstrating both the need for the facility and the minimal nature of any impact. These materials included a Statement of Hammett & Edison, Inc., Consulting Engineers (the "H&E Report") verifying that the facility will comply with all applicable guidelines concerning human exposure to radio frequency ("RF") emissions (attached as Exhibit B), a full set of plans, zoning district and parcel maps, photos of the existing site and building, aerial photos, photo simulations showing the proposed Project, and coverage maps showing the existing quality of wireless coverage in the area and the quality that will be achieved with the installation of the new antennas in the Project.<sup>1</sup>

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<sup>1</sup> Drawings, photo simulations, coverage maps and the San Francisco Department of Public Health Approval are all attachments to the Planning Commission Packet for the July 28, 2011 Planning Commission Hearing and are included in the Board of Supervisors packet for this hearing.

In addition, we are attaching to this letter a Statement from Russ Bentson, Verizon Wireless's RF Design Engineer (the "Bentson Statement") explaining in further detail the need for the Project in terms of Verizon Wireless's ability to provide reliable wireless telecommunications services to the people of San Francisco (Exhibit C). As Mr. Bentson explains, the Inner Richmond area of San Francisco is currently served by three wireless sites, none of which are actually located in the Inner Richmond. Although the existing network provides a base level of coverage throughout the Inner Richmond, there is roughly a 56-block area (described in the Bentson Statement) that either currently has, or is in imminent danger of suffering, significant gaps in service. In particular, given the explosion in recent years in the amount of data being transmitted through wireless networks, the existing wireless telecommunications sites are rapidly approaching their maximum capacity. One of the sites currently serving the Inner Richmond will reach its maximum capacity in approximately two months; the other two will reach capacity in August and December, respectively, in 2012. What this means is that during peak hours, customers attempting to make a call that would be transmitted through a cell site that has reached maximum capacity will be unable to access the network. This is what is referred to as "call blocking." Petitions and letters submitted by residents and businesses with this letter further confirm the need for improved wireless service in the Inner Richmond (See Exhibit D).

Verizon Wireless is committed to addressing these issues of access and capacity proactively and responsibly, in order to ensure that service provided to Verizon Wireless customers and the community at large is stable and reliable. It would clearly be detrimental to the health, safety and welfare of Verizon Wireless customers, emergency responders and the San Francisco community at large for the City to wait until failures are occurring to allow Verizon Wireless to address predictable capacity issues. Thus, there is clearly a demonstrated need for the Project to address both gaps in coverage and a significant capacity issue.

After the staff of the Planning Department had conducted an extensive review of Verizon Wireless's application, and after giving full and proper notice, the Planning Commission held a Public Hearing on July 28, 2011. Following presentations by Staff, Verizon Wireless, and after receipt of public comment, the Planning Commission followed the recommendation of Planning Department Staff and voted 5-0 to grant Verizon Wireless's application (two members of the Commission were absent from the Hearing).

On August 26, 2011, a timely appeal of the decision of the Planning Commission was filed with the Board ("the Appeal"). The Statement of Appeal does not include any specific grounds or reasons for the appeal, and instead simply asserts that the Project is "not necessary, not desirable, and not compatible" with the neighborhood. See Statement of Appeal, filed August 26, 2011 (emphasis in original). The Appeal also makes brief

reference to unspecified "survey data" of residents within the area, but as of the date of this letter, it is Verizon Wireless's understanding that no such survey data has been submitted to the Planning Department or to the Board. Indeed, as far as we can determine, there has been no evidence of any nature submitted in support of the appeal. To the contrary, the overwhelming weight of evidence in the record not only supports, but compels, the decision of the Planning Commission approving the Project.

## **II. Wireless Facilities, Federal Law and Local Zoning.**

Verizon Wireless is licensed by the Federal Communications Commission ("FCC") to provide wireless telecommunications services throughout the United States. The siting of wireless communications facilities ("WCFs") for licensees such as Verizon Wireless, including antenna facilities such as the Project at issue before the Board, is governed by both federal law and by local land use codes. The federal Telecommunications Act attempts to reconcile any potential conflicts between the need for deployment of new WCFs and local land use authority "by placing certain limitations on localities' control over the construction and modification of WCFs." *Sprint PCS Assets, LLC v. City of Palos Verdes Estates*, 583 F.3d 716, 721 (9th Cir. 2009). Specifically, as relevant here, the Telecommunications Act preserves local control over land use decisions, subject to the following explicit statutory restrictions:

- The local government must act on a permit application within a reasonable period of time (47 U.S.C. §332(c)(7)(B)(ii));
- The decision must be in writing and supported by substantial evidence contained in a written record (47 U.S.C. §332(c)(7)(B)(iii));
- The local government may not regulate the placement, construction, or modification of WCFs on the basis of the environmental effects of radio frequency emissions to the extent such facilities comply with the FCC's regulations concerning such emissions (47 U.S.C. §332(c)(7)(B)(iv));
- The local government may not unreasonably discriminate among providers of functionally equivalent services (47 U.S.C. §332(c)(7)(B)(i)(I)); and
- The local government's decision must not "prohibit or have the effect of prohibiting the provision of personal wireless services" (47 U.S.C. §332(c)(7)(B)(i)(II)).

The "substantial evidence" requirement means that a local government's decision must be "authorized by applicable local regulations and supported by a reasonable

amount of evidence (i.e., more than a 'scintilla' but not necessarily a preponderance)." *Metro PCS, Inc. v. City and County of San Francisco*, 400 F.3d 715, 725 (9th Cir. 2005); see also *Sprint PCS*, 583 F.3d at 726 (a local government decision must be valid under local law and supported by "such relevant evidence as a reasonable mind might accept as acceptable to support a conclusion").

Generalized concerns or opinions about aesthetics or compatibility with a neighborhood are insufficient to constitute substantial evidence upon which a local government could deny a permit. *City of Rancho Palos Verdes v. Abrams*, 101 Cal.App.4th 367, 381 (2002). While a local government may regulate the placement of WCFs based on aesthetics, it must have specific reasons that are both consistent with the local regulations and supported by substantial evidence in the record.

Local governments are specifically precluded under the federal statute from considering any alleged health or environmental effects of RF emissions in making decisions as to the siting of WCFs "to the extent such facilities comply with the FCC's regulations concerning such emissions." See 47 U.S.C. §332(c)(7)(B)(iv)). The courts have made clear that any alleged health effects or asserted concerns about RF emissions may not form the basis of any local government decision to deny approval of a WCF, even when such arguments are cloaked in the guise of other purported concerns (such as concerns for general safety, "compatibility," or property values). See e.g., *AT&T Wireless Services of California LLC v. City of Carlsbad*, 308 F.Supp.2d 1148, 1159 (S.D. Cal. 2003) (concerns regarding property values were a proxy for issues related to RF emissions and could not justify denial).

Under the "effective prohibition" clause (the last in the list above), a local government runs afoul of the Telecommunications Act if it prevents a wireless provider from closing a "significant gap" in service by the least intrusive means. This issue involves a two-pronged analysis: (1) whether the provider has demonstrated the existence of a "significant gap" in service; and (2) whether the proposed facility is the "least intrusive means," in relation to the land use values embodied in local regulations, to address the gap. See e.g., *Metro PCS*, 400 F.3d at 734-35; *Sprint PCS*, 583 F.3d at 726.

If a provider demonstrates both the existence of a significant gap in service, and that the proposed facility meets the "least intrusive means" standard, the local government is required to approve the facility, even if there would otherwise be substantial evidence to deny the permit under local land use regulations. This is because the requirements for federal preemption under the Telecommunications Act have been satisfied, i.e., denial of the permit would "have the effect of prohibiting the provision of personal wireless services." 47 U.S.C. §332(c)(7)(B)(1)(ii); *T-Mobile USA, Inc. v. City of Anacortes*, 572 F.3d 987, 999 (9th Cir. 2009). For the local jurisdiction to avoid such

preemption, it must show that another alternative is available, that it is technologically feasible, and that it is "less intrusive" than the proposed facility. *T-Mobile v. Anacortes*, 572 F.3d at 998-999.

With this legal framework in mind, we address below the specific issues before the Board with respect to this appeal.

### **III. The Planning Commission's Decision Was Correct Under Applicable Provisions of the San Francisco Planning Code.**

San Francisco Planning Code §790.80 defines wireless communications facilities as a public use. Under the 1996 *Wireless Telecommunications Services (WTS) Siting Guidelines*, public use structures are designated as "Location Preference 1" for the siting of wireless communications facilities. As noted in the Staff Report, the Kaiser facility where the Project will be located is a hospital and as such is considered a public use. Accordingly, the Project is fully consistent with the *Siting Guidelines* in that it will be located on a site designated Location Preference 1.

Although the Project will be located in a Location Preference 1, pursuant to Section 209.6(b) of the Planning Code, Conditional Use authorization is required for the siting and installation of wireless facilities.

The requirements for Conditional Use authorization are set forth in Planning Code §303. They are summarized in the Planning Department's Memorandum to the Board in response to the Appeal (dated September 16, 2011), and were also addressed at length in the Planning Commission's Decision approving Verizon Wireless's application for Conditional Use authorization. (See Decision, at pp. 5-7.)

As applicable to the Project, Section 303 requires findings:

(1) That the proposed use or feature, at the size and intensity contemplated and at the proposed location, will provide a development that is necessary or desirable for, and compatible with, the neighborhood or the community: . . .

and

(2) That such use or feature as proposed will not be detrimental to the health, safety, convenience or general welfare of persons residing or working in the vicinity, or injurious to property, improvements or potential development in the vicinity, with respect to aspects including but not limited to the following:

- (A) The nature of the proposed site, including its size and shape, and the proposed size, shape and arrangement of structures;
- (B) The accessibility and traffic patterns for persons and vehicles, the type and volume of such traffic, and the adequacy of proposed off-street parking and loading and of proposed alternatives to off-street parking, including provisions of car-share parking spaces, as defined in Section 166 of this Code;
- (C) The safeguards afforded to prevent noxious or offensive emissions such as noise, glare, dust and odor;
- (D) Treatment given, as appropriate, to such aspects as landscaping, screening, open spaces, parking and loading areas, service areas, lighting and signs; . . .

Planning Code §303.

The Planning Commission's decision made findings with respect to each of these criteria. *See* Decision, at pp. 5-7. Further, the Planning Department Staff Report had addressed each of these issues in detail, finding the Project to be consistent with the requirements of Section 303 in all respects. *See* Staff Report, at pp. 5-12.

As noted above, the only reference in the Appeal to any of these criteria is the conclusory assertion that the Project is "not necessary, not desirable, and not compatible" with the neighborhood. *See* Statement of Appeal (emphasis in original). This assertion is simply wrong, and contrary to all of the evidence in the record.

**A. Determination of Necessity and Desirability.**

The Planning Commission found the Project to be both necessary *and* desirable. As stated in the decision, *inter alia*, "San Francisco is a leader of the technological economy; it is important and desirable to the vitality of the city to have and maintain adequate telecommunications coverage and data capacity. This includes the installation and upgrading of systems to keep up with changing technology and increases in usage." (Decision, at 5.)

With respect to the requirement of necessity, the Commission found, *inter alia*, that the Project is necessary to address capacity issues, and "to achieve sufficient street, in-transit and in-building mobile phone coverage," and in addition, that it will "fill in gaps to improve coverage in the Inner Richmond District as well as to provide necessary facilities for emergency transmission and improved communication for the neighborhood, community, and the region." (Decision, at 6.)

These findings of the Planning Commission were entirely correct. As discussed above, and as detailed in the Bentson Statement, the wireless communications facilities that currently provide Verizon Wireless service in the Inner Richmond are rapidly

reaching, and will soon exceed, their maximum capacity. There is already a 56-block area in the Inner Richmond that has, or is in immediate danger of suffering, gaps in service which prevent access to the Verizon Wireless network. As part of its application, Verizon Wireless submitted coverage maps showing the need for the improved service in the Inner Richmond area.

Further, aside from the current gaps in service, there is a significant issue of capacity as demand on wireless facilities continues to increase at a tremendous pace. If Verizon Wireless is precluded from increasing capacity through the installation of this new facility, the current sites will soon be exhausted during peak periods for voice and data traffic. As a result, customers will experience call blocking and significant gaps in service. This is obviously a particular concern for periods of peak usage such as power outages, emergencies, and natural disasters. See Bentson Statement, at 2.

In addition to the Bentson Statement, the need for the Project to provide improved wireless service to the Inner Richmond area is confirmed by the statements of residents, merchants and Verizon Wireless customers. As of the date of this letter, some 100 petitioners who live and/or work near the project have confirmed the "need" for the site and their desire for "improved wireless service" in their neighborhood. Letters from residents and businesses, from a former Fire Marshall, to the Korean restaurant across the street from the Project all confirm that reliable wireless service is essential for the safety and the vitality of local businesses and is clearly desirable to the community. Supporting letters and petitions as of the date of this letter are attached as Exhibit D to this letter.

In contrast to this overwhelming evidence of the immediate need for the Project to remedy a service gap in the Inner Richmond area, Appellant has failed to introduce any evidence, let alone the substantial evidence required under federal law, to show that the facility is not needed. As noted, the Appeal references a "survey" conducted by Appellant. However, no survey has ever been submitted to the Planning Department for review by the Planning Commission nor was there any survey submitted with the appeal. Historically, opponents to wireless facilities have submitted surveys of successfully completed wireless calls in an area designated as a service gap in an effort to demonstrate that an antenna site is not necessary. However, federal courts have rejected such anecdotal reports as substantial evidence to show that no significant gap in wireless service exists. Anecdotal surveys lack appropriate controls and methodology, and do not record or account for necessary information such as the time of day of the call, call quality, the type of handset used, the type of building from which the call was made, or the location within the building. In this regard, a federal district court in San Francisco has confirmed that such anecdotal evidence is not "scientifically valid or reliable" when compared to propagation maps such as those provided to the City by Verizon Wireless. See *Metro PCS Inc. v. City and County of San Francisco*, 2006 WL 1699580 (N.D. Cal. 2006) at 18.



There can be no question that residents of San Francisco, as a group, are avid cell phone users. Nationally, cell phone subscriptions exceed population. It is only through upgraded technologies, new frequencies and network enhancements that carriers are able to keep up with this demand. Indeed, there is concern from the San Francisco Telecommunications Commission that in times of crisis such demand may not be met. In their 2004 Update to the Telecommunications Plan, the Commission stated:

The Commission is concerned that the capacity and coverage of San Francisco's wireless networks will not be adequate when demand for capacity is at its highest, i.e., during times of crisis. Ensuring robust wireless network capacity and next generation network coverage for San Francisco should be a priority.

*See San Francisco Wireless Telecommunications Policy Update 2004.*

The Project that is before the Board is exactly the kind of facility that is necessary and desirable for San Francisco to maintain and to improve the quality of its wireless network. Indeed, the Project is critical in order for Verizon Wireless to meet the demands of its San Francisco customers, as well as the needs of San Francisco's police, fire and other emergency personnel that rely on the Verizon Wireless network to locate emergency distress calls and for back-up communications.

#### **B. Determination of Compatibility.**

The Commission also correctly found the Project to be compatible with the surrounding neighborhood. *See Decision*, at 6.

As noted above, the Project will be located on a site that is designated Location Preference 1 for wireless facilities in that it is already a public use structure. Further, the Project will be located on a large building (which is part of an even larger Kaiser campus), that already has an existing mechanical penthouse. The antennas and equipment will be located, designed and built such that they will be completely unobtrusive and indeed almost indistinguishable from the existing building and penthouse. The Project will not increase the height of the building in any manner, and the screened antennas will extend less than a foot outward from the existing penthouse. The building itself is located in a moderate scale, mixed use neighborhood, with many commercial buildings and associated mechanical facilities and equipment. Geary Boulevard is one of San Francisco's busiest commercial districts. Overall, it is clear that the Project is entirely compatible with the scale and intensity of neighboring commercial, public, and residential uses.

Accordingly, there is no basis for the Appeal before the Board. The Planning Commission correctly found the Project to be necessary, desirable and compatible with the neighborhood, and the Appellant has failed to present any evidence whatsoever to the contrary.

#### **IV. The Decision of the Planning Commission Was Compelled By Federal Law.**

Lastly, we urge the Board to affirm the Decision of the Planning Commission, and to reject the Appeal, because there is a "significant gap" in service in the area to be served by the Project, and the Kaiser location is the least intrusive alternative for meeting the coverage and capacity needs in that area. As set forth above, under the federal law, if these two criteria are shown, the facility *must* be approved. 47 U.S.C.

§332(c)(7)(B)(i)(II). This is because when these factors have been established, denial of a permit for the proposed wireless facility would impermissibly result in the prohibition of wireless services within the affected area. *Ibid.*; see also *Metro PCS*, 400 F.3d at 734-35; *Sprint PCS*, 583 F.3d at 726.

Recent case law has confirmed that inadequate *capacity* to provide reliable wireless service may constitute a "significant gap" in coverage to the same extent as inadequate coverage. See *Nextel v. City of Mt. Vernon*, 361 F.Supp.2d 336 (S.D.N.Y. 2005) (summary judgment for wireless carrier on a claim of "prohibition of service" based on a demonstration of inadequate capacity).

Verizon Wireless has presented evidence, both to the Planning Commission in the underlying proceeding, and to this Board, that there is a capacity issue that has already resulted, or in the near future will result, in significant gaps in coverage in the Verizon Wireless network in the Inner Richmond. The evidence in the record, including the Bentson Statement included with this letter, demonstrates that there is rapidly increasing usage of wireless networks in San Francisco (as well as elsewhere); that the existing sites providing wireless service to the Inner Richmond are rapidly approaching their maximum capacity (with the first such site likely to reach maximum capacity within a matter of weeks); that there are already gaps in in-building and in-transit service in the Inner Richmond; and that if additional capacity is not added, Verizon Wireless customers will soon begin to experience call blocking and a lack of access to the network during periods of peak usage. This evidence is more than sufficient to establish a "significant gap" in service in the Verizon Wireless network within the meaning of applicable federal law.

Verizon Wireless has also presented evidence that the proposed facility, as located on the Kaiser building, is the "least intrusive" alternative to address the service gap. Based on Verizon Wireless's application materials and submittals, the Planning Commission found there is "conclusive evidence that the subject property is the most

viable location, based on factors including quality of coverage, population density, land use compatibility, zoning and aesthetics.” See Decision, at 6.

Further, as noted in both the Staff Report and Decision, the Project will be located at a site designated Location Preference 1 for wireless facilities (a public use building). As is demonstrated by the photos and photo simulations in the record, the Project will have virtually no aesthetic impact, and indeed, will be virtually indistinguishable from the existing features on the Kaiser building. Having proposed a Preference 1 location, Verizon Wireless is not required to submit an alternatives analysis under the *1996 WTS Facilities Siting Guidelines*. However, a review of all other Location Preference 1 publicly-used facilities in the vicinity reveals that none can provide the height and therefore radio signal propagation that is provided by the Project. A summary of the Preference 1 locations within the vicinity of the project is attached as Exhibit E.

Because Verizon Wireless has identified a significant gap in service, and has also shown that the proposed Project is the least intrusive means to fill that gap, Verizon Wireless has met its burden of establishing that the facility must be approved under applicable federal law. In such circumstances, the burden shifts to the local government to provide substantial evidence that another alternative is available, that it is technologically feasible, and that it will provide adequate signal coverage with less impact than the proposed facility. See *T-Mobile USA, Inc. v. City of Anacortes*, 572 F.3d at 998-999. The Planning Commission correctly recognized that such a showing cannot be made in the circumstances present here.

#### **V. Environmental Effects of Radio Frequency Emissions.**

While not specifically identified in the Statement of Appeal, it is readily apparent from communications with Appellant and the office of Supervisor Mar which sponsored the appeal<sup>2</sup> that Appellant’s primary objection to the Project is the potential environmental impacts of radio frequency emissions on a day care center operated by friends and relatives of the Appellant located nearly one half mile away from the Project. As noted above, local governments are specifically precluded from considering any alleged health or environmental effects of RF emissions in making decisions as to the siting of WCFs “to the extent such facilities comply with the FCC’s regulations concerning such emissions.” See 47 U.S.C. §332(c)(7)(B)(iv)). The H&E Report verifies that the Project will operate well within (and actually far below) all applicable FCC public exposure limits. It is well established federal law that a local agency may not deny an application for the installation for a wireless telecommunication facility based on

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<sup>2</sup> Representatives of Verizon Wireless met with Appellant in the office of Supervisor Mar on October 14, 2011 in an effort to resolve concerns raised in the Statement of Appeal.

San Francisco Board of Supervisors

Letter Re: Appeal c Planning Commission approval of Veri Wireless facility at  
4141 Geary Boulevard (Case No. 2010.0951C)

October 17, 2011

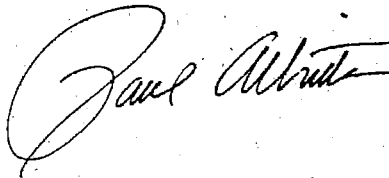
Page 12 of 13

concerns related to the effects of radio frequency emissions. *See AT&T v. Carlsbad supra. See also SPRINTCOM INC. v. Puerto Rico Regulations and Permits Admin. (2008) 553 F.Supp.2d 87.* Indeed, the H&E Report states that with the Project operating at maximum theoretical power levels, the RF exposure for a person anywhere at ground level would be less than one-quarter of one percent of the applicable public limit. In sum, where RF emissions are 400 times below allowable federal limits, regardless of Appellant's concern regarding the proximity of its day care center to the Project, the City is preempted from granting the appeal based on such concerns.

### Conclusion

For all the reasons discussed above, Verizon Wireless urges this Board to deny the pending Appeal, and to affirm the decision of the Planning Commission. Verizon Wireless has provided the Board with substantial evidence for the need for the Project including conclusive evidence that the Verizon Wireless network will suffer capacity constraints as early as the end of this year if the Project is not approved. Letters and petitions from neighborhood businesses and residents confirm that improved wireless service is desirable to the Inner Richmond community. Finally, where the facility qualifies as Location Preference 1 under the 1996 WTS Facilities Siting Guidelines, there can be no question that it is compatible with the neighborhood. Further, as reviewed above, any Board decision to deny the Project will prohibit Verizon Wireless from providing service to its customers. San Francisco residents are already experiencing the detrimental impacts to their health, safety and welfare from inadequate wireless services resulting from unprecedented demand. This Board must cease compromising the welfare of the greater San Francisco community by assuaging the unfounded fears of an individual, such as in this case involving a day care center nearly one half mile away from the Project. We urge you to deny the appeal and confirm the Planning Commission's well-reasoned decision.

Very truly yours,



Paul B. Albritton

cc: Sara Vellve

San Francisco Board of Supervisors

Letter Re: Appeal of Planning Commission approval of Verizon Wireless facility at  
4141 Geary Boulevard (Case No. 2010.0951C)

October 17, 2011

Page 13 of 13

Schedule of Exhibits:

Exhibit A: Photo Simulation of Project as Viewed from 6<sup>th</sup> Avenue

Exhibit B: Statement of Hammett & Edison, Inc., Consulting Engineers,  
June 30, 2010

Exhibit C: Statement of Verizon Wireless Radio Frequency Design Engineer  
Russ Bentson, October 14, 2011

Exhibit D: Letters and Petitions of Support for the Project

Exhibit E: Review of Location Preference 1 Alternatives

Exhibit A



Exhibit B



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

The firm of Hammett & Edison, Inc., Consulting Engineers, has been retained on behalf of Verizon Wireless, a personal wireless telecommunications carrier, to evaluate the base station (Site No. 161541 "Geary WA") proposed to be located at 450 6th Avenue in San Francisco, California, for compliance with appropriate guidelines limiting human exposure to radio frequency ("RF") electromagnetic fields.

### Background

The San Francisco Department of Public Health has adopted a 10-point checklist for determining compliance of WTS facilities with prevailing safety standards. The acceptable limits set by the FCC for exposures of unlimited duration are:

Wireless Service	Frequency Band	Occupational Limit	Public Limit
Microwave (Point-to-Point)	5-23,000 MHz	5.00 mW/cm <sup>2</sup>	1.00 mW/cm <sup>2</sup>
BRS (Broadband Radio)	2,600	5.00	1.00
AWS (Advanced Wireless)	2,100	5.00	1.00
PCS (Personal Communication)	1,950	5.00	1.00
Cellular	870	2.90	0.58
SMR (Specialized Mobile Radio)	855	2.85	0.57
700 MHz	700	2.35	0.47
[most restrictive frequency range]	30-300	1.00	0.20

The site was visited by Mr. Robert W. Hammett, a qualified field technician contracted by Hammett & Edison, Inc., during normal business hours on June 8, 2010, a non-holiday weekday, and reference has been made to information provided by Verizon, including zoning drawings by MSA Architecture & Planning, Inc., dated June 1, 2010.

### Checklist

1. The location of all existing antennas and facilities at site. Existing RF levels.

There were observed no other wireless base stations installed at the site. Existing RF levels for a person at ground near the site were less than 1% of the most restrictive public exposure limit.

2. The location of all approved (but not installed) antennas and facilities. Expected RF levels from approved antennas.

No other WTS facilities or other communications facilities are reported to be approved for this site but not yet installed.



**Verizon Wireless • Proposed Base Station (Site No. 161541 "Geary WA")  
450 6th Avenue • San Francisco, California**

3. The number and types of WTS within 100 feet of proposed site and estimates of additive EMR emissions at proposed site.

There were no other WTS facilities observed within 100 feet of the site, although antennas for low-power, two-way radio communications were noted on a hotel nearby.

4. Location (and number) of Applicant's antennas and back-up facilities per building and location (and number) of other WTS at site.

Verizon proposes to install nine Powerwave antennas – six Model P65-15-XL-2 and three Model 7721-00 – on the sides of the mechanical equipment penthouse above the roof of the five-story hospital building, mounted with up to 4° downtilt at an effective height of about 82 feet above ground, 14½ feet above the roof, and oriented in groups of three toward 10°T, 100°T, and 210°T.

5. Power rating (maximum and expected operating power) for all existing and proposed backup equipment subject to application.

The expected operating power of the Verizon transmitters is reflected in the resulting effective radiated power given in Item 6 below; the transmitters may operate at a power below their maximum rating.

6. Total number of watts per installation and total number of watts for all installations at site.

The maximum effective radiated power proposed by Verizon in any direction is 1,840 watts, representing simultaneous operation at 640 watts for PCS, 800 watts for cellular and 400 watts for 700 MHz.

7. Plot or roof plan showing method of attachment of antennas, directionality of antennas, and height above roof level. Discuss nearby inhabited buildings.

The drawings show the proposed antennas to be installed as described in Item 4 above. There were observed no buildings of similar height nearby.

8. Estimated ambient RF levels for proposed site and identify three-dimensional perimeter where exposure standards are exceeded.

For a person anywhere at ground, the maximum ambient RF exposure level due to the proposed Verizon operation is calculated to be 0.0013 mW/cm<sup>2</sup>, which is 0.23% of the applicable public exposure limit. Ambient RF levels at the site are therefore estimated to remain less than 1% of the limit. The three-dimensional perimeter of RF levels equal to the public exposure limit is calculated to extend up to 30 feet out from the antenna faces; this does not reach the roof of the building or any publicly accessible areas.



**HAMMETT & EDISON, INC.**  
CONSULTING ENGINEERS  
SAN FRANCISCO

VW161541599  
Page 2 of 3

Verizon Wireless • Proposed Base Station (Site No. 161541 "Geary WA")  
450 6th Avenue • San Francisco, California

9. Describe proposed signage at site.

Due to their mounting location, the Verizon antennas would not be accessible to the general public, and so no mitigation measures are necessary to comply with the FCC public exposure guidelines. To prevent occupational exposures in excess of the FCC guidelines, no access within 6 feet directly in front of the antennas themselves, such as might occur during maintenance work on the penthouse, should be allowed while the base station is in operation, unless other measures can be demonstrated to ensure that occupational protection requirements are met. Posting explanatory warning signs\* at the roof access door and at the antennas, such that the signs would be readily visible from any angle of approach to persons who might need to work within that distance, would be sufficient to meet FCC-adopted guidelines.

10. Statement of authorship.

The undersigned author of this statement is a qualified Professional Engineer, holding California Registrations Nos. E-13026 and M-20676, which expire on June 30, 2011. This work has been carried out under his direction, and all statements are true and correct of his own knowledge except, where noted, when data has been supplied by others, which data he believes to be correct.

**Conclusion**

Based on the information and analysis above, it is my professional opinion that the proposed Verizon Wireless base station operation at 450 6th Avenue in San Francisco will comply with the prevailing standards for limiting public exposure to radio frequency energy and, therefore, will not for this reason cause a significant impact on the environment. Posting explanatory signs is recommended to establish compliance with occupational exposure limitations.



*William F. Hammett*  
William F. Hammett, P.E.  
707/996-5200

June 30, 2010

\* Warning signs should comply with OET-65 color, symbol, and content recommendations. Contact information should be provided (e.g., a telephone number) to arrange for access to restricted areas. The selection of language(s) is not an engineering matter; the San Francisco Department of Public Health recommends that all signs be written in English, Spanish, and Chinese.



**HAMMETT & EDISON, INC.**  
CONSULTING ENGINEERS  
SAN FRANCISCO

VW161541599  
Page 3 of 3

Exhibit C



Verizon Wireless  
2785 Mitchell Drive  
Walnut Creek, CA 94598

October 14, 2011

**To: San Francisco Board of Supervisors**

**From: Russ Bentson, Radio Frequency Design Engineer, Verizon  
Wireless Network Engineering Department**

**Subject: Statement in Support of Verizon Wireless's Approved  
Telecommunications Facility at 4141 Geary Boulevard**

This statement sets forth Verizon Wireless's service objectives and reasons supporting the telecommunications facility unanimously approved by the San Francisco Planning Commission on July 28, 2011, consisting of a fully-screened wireless facility to be located at 4141 Geary Boulevard in San Francisco (the "Geary Facility"). Verizon Wireless requires the Geary Facility to provide adequate signal and network capacity to serve the residential and commercial areas, and the streets and boulevards in the Inner Richmond neighborhood.

The Inner Richmond district of San Francisco is currently served indirectly by three Verizon Wireless sites, none of which are actually located in the Inner Richmond Neighborhood. The site at Geary and Masonic Boulevard (the "Bekins Site") is in Presidio Heights and serves the Laurel Heights area. A site at Fell and Clayton (the "St. Mary's Hospital Site") serves eastern Golden Gate Park and the Panhandle. The third site is at 15<sup>th</sup> Avenue and Clement (The "Park Presidio Site") and serves Park Presidio Boulevard and adjacent streets. There is a roughly fifty-six block area extending north and south between the Presidio to Fulton Street and bounded east and west by Arguello and 10<sup>th</sup> Avenue (The "Gap Area") that either currently has, or is immediately in danger of suffering from gaps in service preventing access to the Verizon Wireless network. The overall effect of the service gap is that Verizon Wireless customers in the Gap Area can or will experience an inability to make, hold or receive calls ("Call Failures"), including 911 calls, particularly during periods of peak usage such as rush hour, special events, power outages, local emergencies and natural disasters. In fact, field measurements show that excessive Call Failures are already occurring in the Gap Area. A mapping of Call Failures, showing a rate higher than 50 calls per hour in some two block by four block areas, is attached as Exhibit A. The Geary Facility is designed to address the Call Failures increasingly occurring in the Gap Area.

In the last 10 years, the wireless industry, including Verizon Wireless, has seen an explosive growth in both voice and data usage. In fact, in just one year

(between year-end 2009 and year-end 2010) wireless traffic in the U.S. more than doubled, growing from 107.8 billion MB to more than 226.5 billion MB across all wireless providers.<sup>1</sup> To meet the increasing demand, our engineering group works to identify and address service gaps in the existing network.

Projections show that in the Inner Richmond district of San Francisco, Verizon Wireless will reach capacity exhaustion in the near future. Specifically, for their respective sectors serving the Inner Richmond, the St. Mary's Hospital Site is projected to reach full capacity in December 2011, the Bekins Site in December of 2012, and the Park Presidio Site in August 2012. That is to say that by these dates, the average busy hour call and data traffic will exceed that which the site is able to provide. These predictions are based on historical data shown in the usage graphs attached to this RF statement (Exhibit B).

Customers attempting to make calls through a cell site that is at or beyond its maximum capacity are unable access the network. This is called call blocking. At Verizon Wireless, we pro-actively address utilization so that our customers will not experience call blocking. We cannot wait until there is call blocking before taking action, as this would be detrimental to the customers, including emergency personnel, who rely on our service. To address the capacity issue, either additional equipment must be added to existing sites, or a new site needs to be constructed. All existing sites in this part of San Francisco are at maximum carrier and equipment usage. That is to say that the maximum amount of radio equipment has been installed, and therefore no modifications can be made to these sites to add capacity within the Gap Area.

The only other way to increase capacity is to build new cell sites which will cover the Inner Richmond and create a new cell. The Geary Facility does just that, creating a new cell of service within the Gap Area and providing improved in-building signal coverage and much needed wireless capacity. In addition, the Geary Facility will off-load a percentage of capacity from nearby sites, allowing those sites to provide continued reliable service. Because it takes two years or more to build cell sites to augment capacity, we have to be working on the cells needed to provide service two years before field measurements begin to show signs of capacity exhaustion. The Geary Site was proposed over 3 years ago. Unfortunately, without the Geary Site, measurements of capacity exhaustion already exist in the Gap Area, which makes addressing the issue much more urgent.

The Gap Area includes several heavily traveled roadways. The biggest of these is Geary Boulevard. At its intersection with 6<sup>th</sup> Avenue (directly in front of the Approved Site) the daily traffic count is 21,917 for eastbound traffic and 26,213 for westbound traffic.<sup>2</sup> In order to work properly for mobile users, a cellular network site must provide seamless hand-offs of calls as the user travels from one cell site to another. As a user travels between the coverage areas of two or more sites, a hand-off is triggered from one site to the next. A successful

<sup>1</sup> <http://www.ctia.org/advocacy/research/index.cfm/AID/10316>

<sup>2</sup> <http://www.sfnta.com/cms/vhome/documents/ADTCOUNTSJuly2010.pdf>

hand-off results in seamless coverage and by extension, reliable wireless coverage. As noted previously, in the Gap Area, the cell sites are nearing maximum capacity, specifically the St. Mary's Hospital Site is already reaching capacity during periods of peak usage. When a cell site is at capacity, it is unable to accept hand-offs from other cells. This means that during times of peak usage, the hand-offs can be unsuccessful and calls are dropped. The user is able to re-establish a connection only once he or she has traveled closer to the coverage of another site with available capacity. Without the Geary Facility, travelers along Geary and other streets in the Gap Area will increasingly experience unsuccessful hand-offs, dropped calls, and lack of access to the Verizon Wireless network.

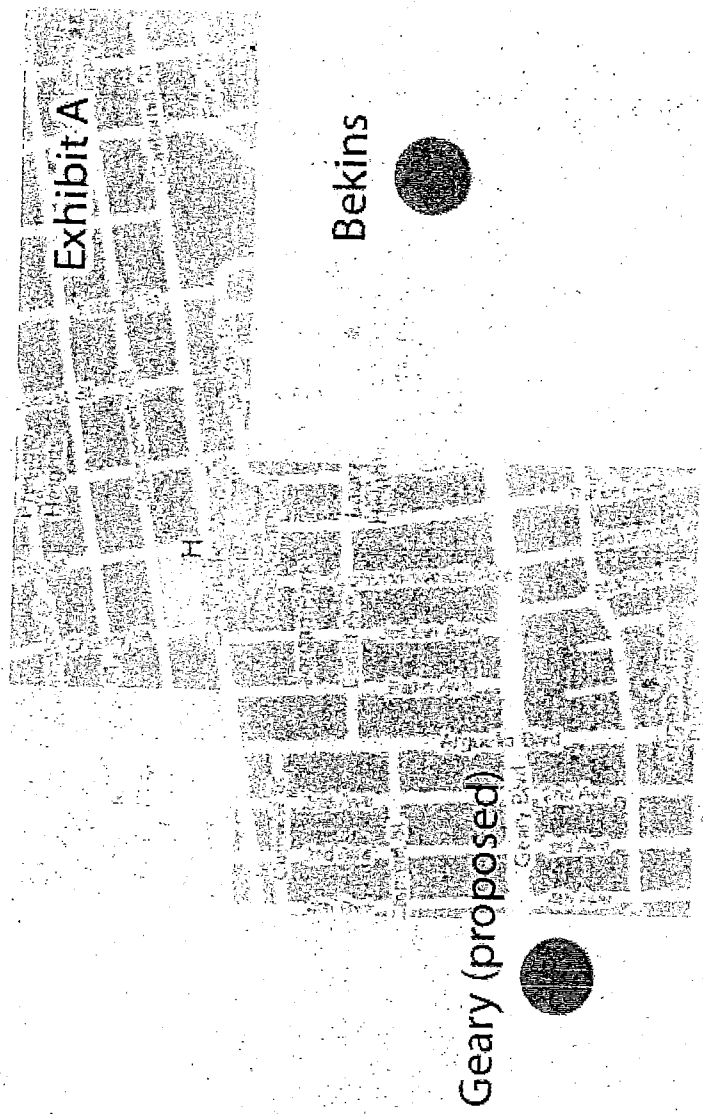
There are several existing sites that surround the Gap Area at a similar distance, resulting in multiple zones of overlapping coverage with no dominant signal from any one site. Within these zones of overlapping coverage, the surrounding sites provide a minimal level of coverage to the area at times of low usage, but as the number of calls increases, the capacity of the sites is exhausted and their effective coverage area is reduced due to the overload condition. The cell area effectively shrinks. This results in areas where no dominant signal exists. Therefore while it may be theoretically possible to have enough coverage and capacity during a period of low usage, it becomes impossible to make or complete a call from the same location during a period of high usage. As the sites serving the Inner Richmond neighborhood reach their limits, the radius their discrete coverage will shrink leaving areas within the Gap Area with slow or stalled data speeds and inaccessibility to the Verizon Wireless Network.

Growth in use is straining the Verizon Wireless system in the Inner Richmond district of San Francisco. The only viable means to remedy the situation is to add a cell to specifically serve the Gap Area. The Geary Facility will improve the capability and reliability of Verizon Wireless's network in San Francisco and should be completed as soon as possible to avoid existing and impending consequences to our customers who live in, work in, and travel through the Inner Richmond.

Respectfully submitted,



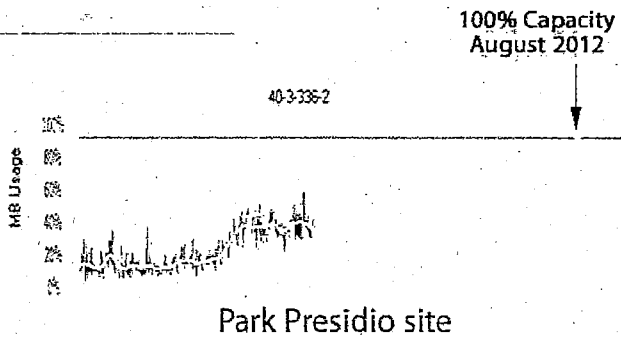
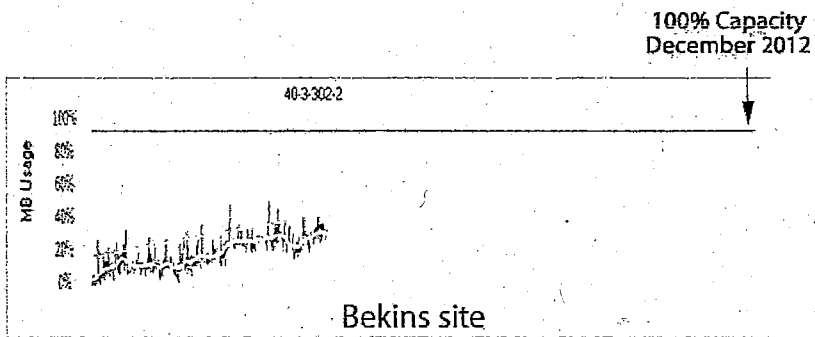
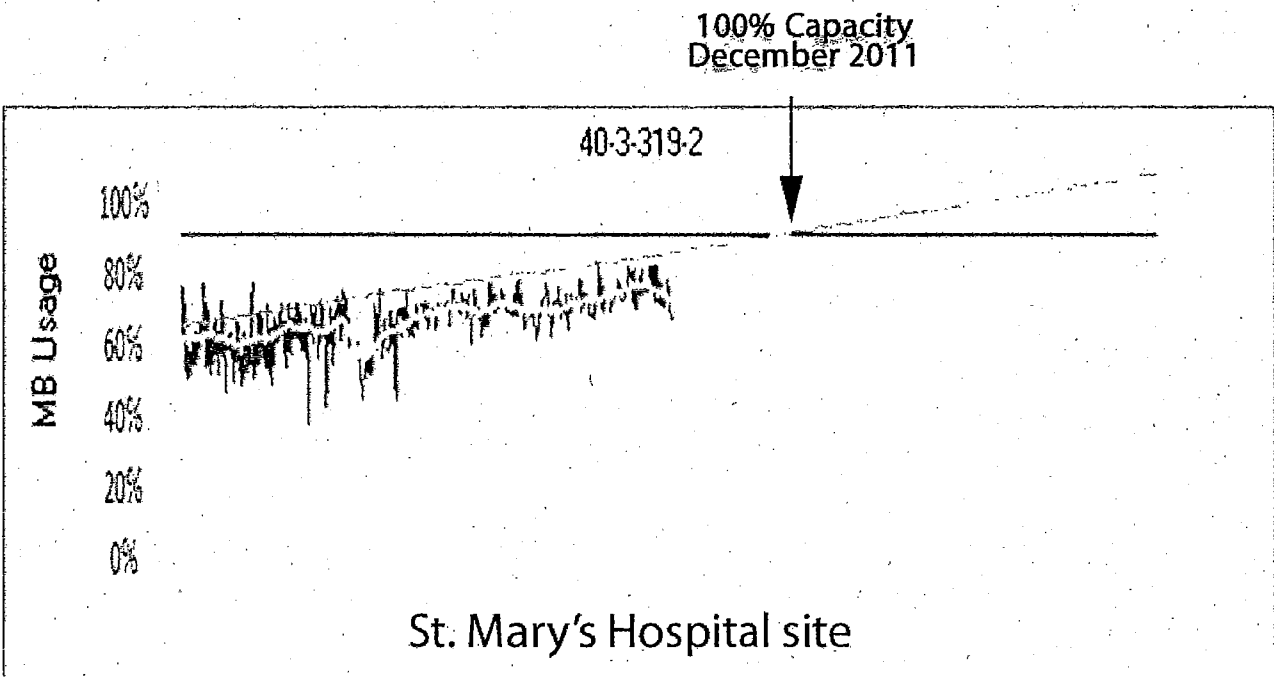
Russ Bentson  
RF Design Engineer  
Network Engineering Department  
Verizon Wireless



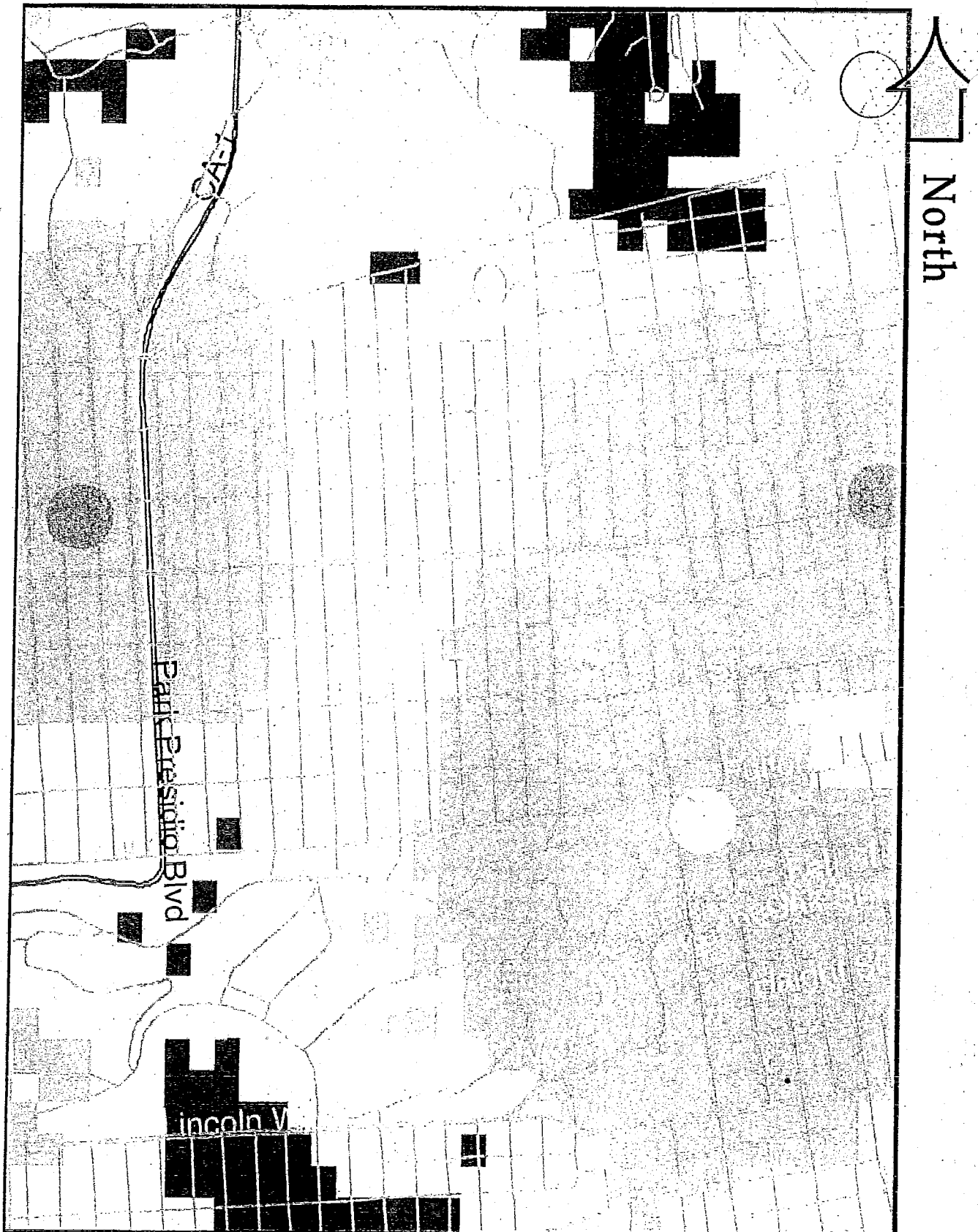
Average Hour Call Failures  
August 2011



Exhibit B  
Capacity Predictions for Inner Richmond Sectors



## Before New Site



Green = Good Coverage; Yellow = Marginal Coverage  
Red = Bad to No Coverage; All sites except the new site are existing.

Exhibit D

September 29, 2011

1280 Webster St.  
San Francisco  
California 94115  
415.440.6222

ncmacc@ncmacc.org  
www.ncmacc.org

**Advisory Council**

Janet Bookspan  
Mack McCrey  
Nak Hoon Sung

**Board Members**

Chair: Hagen Choi  
Duke Amaniampong  
DongKook Chang  
DukChun Chang  
Timothy H. Han  
SeungTae Im  
YoungMee Moore  
Michelle Nip  
John Rim

**Executive Director**

Young Sook Kim

**Our Mission is**  
to support young  
musicians and artists  
who will continue to  
meet the cultural and  
educational needs of a  
diverse population.

San Francisco Board of Supervisors  
1 Dr. Carlton Goodlett Place  
City Hall, Rm. 244  
San Francisco, CA 94102

RE: Improving Wireless Communications/Cellular Antenna at 4141 Geary  
(Appeal)

Dear Supervisors:

I write on behalf of the **WREACH OUT** (Western Addition and Richmond Education, Arts and Culture Helping to support Open minds, Understanding, and Togetherness) Program, and the Northern California Music & Art Culture Center. Many of our families and staff live in the Richmond District near the cell site.

As a San Francisco program proudly serving more than 350 children, we support the placement of small 4-foot cellular antennas on the top of the Kaiser Building at 4141 Geary Boulevard/450-6<sup>th</sup> Avenue. Improving cell phone and wireless communications is important for us, our employees and volunteers, and our parents and friends with children in our programs.

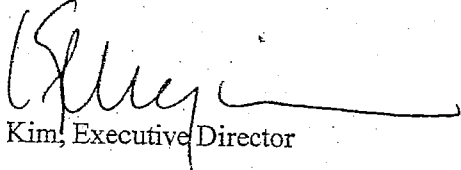
As you can well imagine, parents care a lot about their children and need to make arrangements for their children before and after our afterschool programs. Many lower-income families no longer have regular phones and rely on their cell phones. There are sometimes dropped calls by or from Verizon customers near to the site, especially in the late afternoons. Or sometimes families citywide cannot make calls on their cell phones to the area.

The safety of our children is also important to our families and staff. The antennas site can help in emergencies and can also save lives through 911 phone call service. If we need to make an emergency call, we need to know we can get through to the police or firefighters or hospitals.

We understand that this location has been approved by the Health Department for full safety, and of course is approved by Kaiser Hospital. This antenna has already been unanimously approved by strong vote of the Planning Commission.

Please support this proposal for 4141 Geary Boulevard and deny the appeal.

Sincerely,

  
Young Sook Kim, Executive Director

**BROTHERS RESTAURANT  
4128 GEARY BLVD.  
SAN FRANCISCO, CA 94118**

OCTOBER 12, 2011

BOARD OF SUPERVISORS  
SAN FRANCISCO CITY HALL  
1 DR. CARLTON B. GOODLETT PLACE  
SAN FRANCISCO, CA 94102

RE: DENY THE APPEAL AND APPROVE THE VERIZON MICRO  
ANTENNAS

DEAR CLERK OF THE BOARD AND HONORABLE SUPERVISORS:

AS AN OWNER AND OPERATOR OF BROTHERS KOREAN BARBECUE  
RESTAURANT LOCATED AT 4128 GEARY BLVD., I ENCOURAGE YOU TO  
SUPPORT THE REQUEST FOR MICRO ANTENNAS TO BE PLACED AT 4141  
GEARY BLVD., WHICH IS DIRECTLY ACROSS THE STREET FROM MY  
RESTAURANT. THESE MICRO ANTENNAS WILL BE SET BACK AND WILL  
HAVE NO AESTHETIC VISUAL IMPACT; HOWEVER, MY CUSTOMERS AND  
STAFF WILL HAVE THE BENEFIT OF FEWER DROPPED CALLS.

ON OCCASION SOME OF MY CUSTOMERS MAY WANT TO SMOKE AND  
THEY ARE ENCOURAGE TO MOVE TO THE CORNER OF THE BLOCK (AS  
PER THE DEPARTMENT OF PUBLIC HEALTH) AND SOMETIMES THEY  
WANT TO USE THE PHONE WHILE THEY ARE OUTSIDE.

THANK YOU FOR YOUR CONSIDERATION OF MY REMARKS.

  
\_\_\_\_\_  
OWNER

10/14/11



海富 海鮮館

*Emperor Palace Restaurant*

October 14, 2011

San Francisco Board of Supervisors  
1 Dr. Carlton Goodlett Place  
San Francisco, CA 94102

530 Balboa Street  
San Francisco, CA 94118  
(Bet 6th & 7th Ave.)

(415) 750-0177  
(415) 750-0519

RE: Support for Verizon Wireless Antenna -- 4141 Geary Boulevard

Dear Supervisors:

I am the owner and manager of the Emperor's Palace Restaurant on Balboa street, in the neighborhood of the Verizon cellular antennas proposed for 4141 Geary Blvd. I fully support the proposed antennas nearby because cell phones are necessary to serve our customers and conduct our business.

Small businesses in the area strongly rely on wireless cell phone service, and we want to improve cell phone coverage in the area for our business and customers. We can connect with customers and for business calls.

The antennas are 85 feet above ground on top of a Kaiser building, and not visible from the ground. We need better wireless coverage, so please support this.

Thank you for your consideration.

Sincerely,

Qing Shou Li

San Francisco Board of Supervisors  
1 Dr. Carlton Goodlett Place  
City Hall, Rm. 244  
San Francisco, CA 94102

SUBJECT- SUPPORT for Verizon Wireless Antenna -- 4141 Geary Blvd.

Dear Supervisors:

Our Hanuri Korean barbeque restaurant at 4217 Geary Blvd. is just across the street from the Verizon cellular antennas proposed for 4141 Geary Blvd. We support this because like many small businesses in the area we rely on cell phones to serve our customers and conduct business.

It is not an issue to be near the antennas, in fact it is good because it will improve cell phone coverage in the area for our business and customers. Our customers will be able to find us better, and we can connect for business calls. And in the rare case where we need to make emergency calls, we will be better off to avoid dropped calls or poor reception on our cell phones when calling 911.

The antennas are 85 feet above ground on top of a Kaiser building, and not visible from the ground. We need better wireless coverage, so please support this.

Sincerely Yours,

Chong Kim  10/4/11

October 4, 2011

San Francisco Board of Supervisors  
1 Dr. Carlton Goodlett Place  
City Hall, Rm. 244  
San Francisco, CA 94102

SUBJ: VERIZON CELL FACILITY, 4141 GEARY BOULEVARD

Dear Supervisors,

This letter is in support of the Verizon cell antenna facility to be located at 4141 Geary & 450 6<sup>th</sup> Avenue. I write both as a former fire marshal for the City and County of San Francisco, and in my capacity for Kimochi:

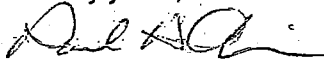
As a former fire marshal, I know that these applications are reviewed not only by the Planning Department, but also by the Health Department and the Fire Department. To protect the public, these agencies ensure the structural integrity and environmental safety of all antenna sites. A radio frequency (RF) report must be included on all plans submitted for antenna installations, signed by a professional engineer with expertise in the technology. These reports clearly indicate the level of exposure to the public per FCC standards and list the distances from the antennas at which any exposure limitations could be exceeded. These distances are generally a few meters or less, indicating that a person would have to remain directly in front of the devices for an extended period of time to receive even a minimal amount of RF. Since the antennas are 85 feet above ground the exposure to neighbors is of no consequence.

As an officer of Kimochi, it is important to me that we have connectivity with medical and other services to serve our senior population. It is also important for our seniors and their families to be able to connect via cell phone to emergency services, hospitals and caregivers.

I can also attest to the fact that when something happens, it is important first for residents to be able to connect with first responders, as cell phone coverage is a crucial element of the Fire Department's response time.

For these reason, I strongly urge you to approve these antennas to reduce or eliminate future gaps in coverage. Please feel free to contact me if you have any questions.

Sincerely yours,



Paul Chin



Wendy Zeng  
2638 Cabrillo Street  
San Francisco, CA 94121

October 2, 2011

Supervisor Eric Mar  
San Francisco Board of Supervisors  
1 Dr. Carlton Goodlett Place  
City Hall, Rm. 244  
San Francisco, CA 94102

RE: Verizon Wireless Antenna at 4141 Geary Blvd.

Dear Supervisor Mar,

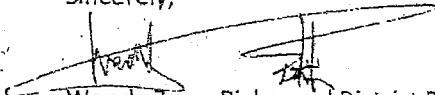
As a resident of the Richmond District and a wireless customer, I would like to give my support for the construction of additional antennas in my neighborhood. In addition to using my cell for telephone calls, I also utilize my phone for web browsing and access to email. I know that the ever-increasing number of users as well as the growing range of cell phone activities requires more antennas to support that increasing demand.

While not all San Francisco residents use Verizon as their cell phone company, it is among the largest phone companies in the city. As a result, more than just Verizon customers are affected by the call quality when they talk with Verizon customers. In addition, although I have never had to call emergency services, I have heard that most 911 calls now come from cell phones. Many families don't even have landline phones anymore. Good cell phone service is essential to our city and the safety of people like myself.

I am aware that the small antennas to be constructed meet all federal and local government guidelines and that this plan has been approved by the San Francisco Public Health Department. Moreover, I understand that the antennas will be on the roof of the Kaiser Building (85 feet in the air) and will not be visible from the street and therefore will not affect the appearance of our neighborhood.

I strongly encourage you to support the 4141 Geary Blvd. project and deny the appeal.

Sincerely,



Wendy Zeng, Richmond District Resident

10/2/2011

cc: All members, San Francisco Board of Supervisors

San Francisco Board of Supervisors  
City Hall  
1 Carlton Goodlett Place  
San Francisco, CA 94102

Dear Supervisors:

I am a life-long resident of San Francisco and the neighborhood. Upon becoming aware of the cell phone situation, I felt that it was imperative that my voice be heard in support of the Verizon antenna facility at 4141 Geary Boulevard.

I am currently seeing many neighborhoods be granted the right to have adequate cellular connections, and I feel this is also a must for our part of the City, too.

As many other residents in the area, I too do not have a home phone. Dropped calls have hindered my phone service in the past, and that is unacceptable, especially in emergencies.

I support Verizon making an investment in communications along Geary and adjacent neighborhoods.

Thank you for your consideration.


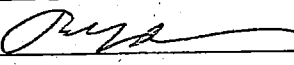
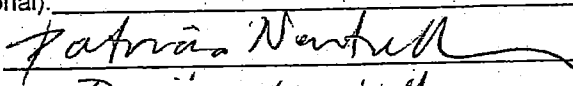

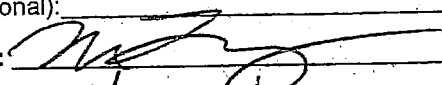
Sincerely,

A handwritten signature in dark ink, appearing to read 'G. Burrell', with a stylized, cursive script.

Gloria Burrell

**Yes, let's improve our wireless communications.**

As San Francisco residents and merchants, we support the placement of small cellular antennas above the Kaiser Building roof at 4141 Geary Boulevard/450-6<sup>th</sup> Avenue. This antenna site would improve wireless communications for us and our friends and neighbors. By increasing capacity and improving reliability, the site can also save lives by enhancing the availability of emergency 911 services and other emergency communications. We understand that this site has been approved by the San Francisco Department of Public Health and meets federal safety standards. Mounted more than 80 feet above ground on the Kaiser building roof, the antennas will be fully screened from view from the ground. **Already supported by many neighborhood residents and merchants, this proposal for leading edge infrastructure will provide the quality wireless coverage that San Francisco residents expect and need.**

1. Signature:   
PRINTED Name: ERIC BENSELY  
Address: 550 LAKE ST 305 ZIP Code: 94118  
Email (optional): \_\_\_\_\_
2. Signature:   
PRINTED Name: YVONNE GLUCKMAN  
Address: 3595 Geary Blvd ZIP Code: 94118  
Email (optional): \_\_\_\_\_
3. Signature:   
PRINTED Name: Patricia Nantall  
Address: 499 33rd Ave ZIP Code: 94124  
Email (optional): \_\_\_\_\_
4. Signature:   
PRINTED Name: RHONDA SMITH  
Address: 343 5th Ave #3 ZIP Code: 94118  
Email (optional): \_\_\_\_\_
5. Signature:   
PRINTED Name: Marcus Perry  
Address: 171 11th Ave #6 ZIP Code: 94118  
Email (optional): \_\_\_\_\_

**Yes, let's improve our wireless communications.**

As San Francisco residents and merchants, we support the placement of small cellular antennas above the Kaiser Building roof at 4141 Geary Boulevard/450-6<sup>th</sup> Avenue. This antenna site would improve wireless communications for us and our friends and neighbors. By increasing capacity and improving reliability, the site can also save lives by enhancing the availability of emergency 911 services and other emergency communications. We understand that this site has been approved by the San Francisco Department of Public Health and meets federal safety standards. Mounted more than 80 feet above ground on the Kaiser building roof, the antennas will be fully screened from view from the ground. **Already supported by many neighborhood residents and merchants, this proposal for leading edge infrastructure will provide the quality wireless coverage that San Francisco residents expect and need.**

1. Signature: Mildred Blumenkrantz  
PRINTED Name: MILDRED BLUMENKRANTZ  
Address: 3529 CLEMENT ZIP Code: 94121  
Email (optional): \_\_\_\_\_
2. Signature: X H. W.  
PRINTED Name: ICAH W.  
Address: 571 6th Ave #9 ZIP Code: 94118  
Email (optional): \_\_\_\_\_
3. Signature: X May Jay  
PRINTED Name: JOB MAY MAY  
Address: 140 COLVIN ST ZIP Code: 94118  
Email (optional): \_\_\_\_\_
4. Signature: H.D.  
PRINTED Name: JEREMIAH S. DUNCAN  
Address: 542 6th AVE., APT. 1 ZIP Code: 94118  
Email (optional): \_\_\_\_\_
5. Signature: L Sweeters  
PRINTED Name: Linda Sweeters  
Address: 530 Lake St #1 ZIP Code: 94118  
Email (optional): \_\_\_\_\_

**Yes, let's improve our wireless communications.**

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1. Signature: [Signature]  
PRINTED Name: VALENTINA KALLAE  
Address: 455 14 AVE ZIP Code: 94118  
Email (optional): \_\_\_\_\_
2. Signature: William Ryan  
PRINTED Name: William Ryan  
Address: 6615 Geary ZIP Code: 94121  
Email (optional): \_\_\_\_\_
3. Signature: [Signature]  
PRINTED Name: Lyndee Hurel  
Address: 41032 Anza St. ZIP Code: 94121  
Email (optional): \_\_\_\_\_
4. Signature: [Signature]  
PRINTED Name: Juanita Lopez  
Address: 2180 [unclear] St. ZIP Code: 94128  
Email (optional): \_\_\_\_\_
5. Signature: [Signature]  
PRINTED Name: Kasia Malkiewicz  
Address: 994 29th Ave ZIP Code: 94121  
Email (optional): \_\_\_\_\_

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1. Signature: [Signature]  
PRINTED Name: John Larson  
Address: 440 9th Ave Apt 5 SF CA ZIP Code: 94118  
Email (optional): \_\_\_\_\_
2. Signature: [Signature]  
PRINTED Name: Celia Wu  
Address: 236 6th Ave ZIP Code: 94118  
Email (optional): \_\_\_\_\_
3. Signature: [Signature]  
PRINTED Name: Qiao Lian Li  
Address: 551 20th Ave 94121 ZIP Code: \_\_\_\_\_  
Email (optional): \_\_\_\_\_
4. Signature: [Signature]  
PRINTED Name: YUK Yin Ho  
Address: 325 28th ZIP Code: 94121  
Email (optional): \_\_\_\_\_
5. Signature: [Signature]  
PRINTED Name: Stephanie Jimenez  
Address: 451 24th Ave apt B A2 ZIP Code: 94121  
Email (optional): \_\_\_\_\_

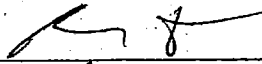
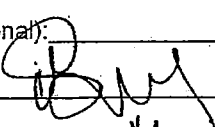
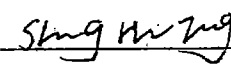
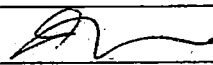
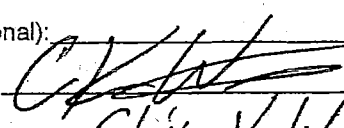
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1. Signature: Barney Louie  
PRINTED Name: Barney Louie  
Address: 549-12<sup>th</sup> AVE ZIP Code: 94118  
Email (optional): \_\_\_\_\_
2. Signature: Judge Kott  
PRINTED Name: Judge Kott  
Address: 665 6<sup>th</sup> AVE apt. 3 ZIP Code: 94118  
Email (optional): \_\_\_\_\_
3. Signature: Aigul Soldassova  
PRINTED Name: Aigul Soldassova  
Address: 1629 BALBOA ST ZIP Code: 94121  
Email (optional): \_\_\_\_\_
4. Signature: Sandy Lee  
PRINTED Name: SANDY LEE  
Address: 478-3<sup>rd</sup> ST ZIP Code: 94121  
Email (optional): \_\_\_\_\_
5. Signature: Peter Zhen Hwang  
PRINTED Name: PETER ZHEN HWANG  
Address: 1128 ARIZONA ST ZIP Code: 94118  
Email (optional): \_\_\_\_\_

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1. Signature:   
PRINTED Name: Ryan Edano  
Address: 322 16<sup>th</sup> Ave ZIP Code: 94118  
Email (optional): \_\_\_\_\_
2. Signature:   
PRINTED Name: Maria Simconova  
Address: 202 6<sup>th</sup> Ave ZIP Code: 94118  
Email (optional): \_\_\_\_\_
3. Signature:   
PRINTED Name: SHUANGHAO TANG  
Address: 669 15<sup>th</sup> AVE ZIP Code: 94118  
Email (optional): \_\_\_\_\_
4. Signature:   
PRINTED Name: Siyuan Bao  
Address: 524 Clement St ZIP Code: 94118  
Email (optional): \_\_\_\_\_
5. Signature:   
PRINTED Name: Chris V Williams  
Address: 270 7<sup>th</sup> Ave ZIP Code: 94118  
Email (optional): Chris.loves.lacon@gmail.com



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1. Signature: [Signature]  
PRINTED Name: MYRON YAN  
Address: 567-20<sup>th</sup> AVE. ZIP Code: 94121  
Email (optional): \_\_\_\_\_
2. Signature: [Signature]  
PRINTED Name: JAMES L. MILLER  
Address: 442-5<sup>th</sup> AVE ZIP Code: 94118  
Email (optional): [Signature]
3. Signature: [Signature]  
PRINTED Name: Fuk Sang Lee  
Address: 2852 Golden Gate Ave ZIP Code: 94118  
Email (optional): \_\_\_\_\_
4. Signature: [Signature]  
PRINTED Name: Heather Mockridge  
Address: 3806<sup>th</sup> AVE ZIP Code: 94118  
Email (optional): [Signature]
5. Signature: [Signature]  
PRINTED Name: Saubal Taria  
Address: 647 25<sup>th</sup> AVE ZIP Code: 94121  
Email (optional): \_\_\_\_\_

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1. Signature: Lily Kuang  
PRINTED Name: LILY KUANG  
Address: 1532 ANZA ST ZIP Code: 94118  
Email (optional): \_\_\_\_\_
2. Signature: Wei Liyu  
PRINTED Name: WEI LIYU  
Address: 632 SPRUCE ST ZIP Code: CA 94118  
Email (optional): \_\_\_\_\_
3. Signature: Kevin Casey  
PRINTED Name: KEVIN CASEY  
Address: 7333 GEARY BLVD. #4 ZIP Code: 94121  
Email (optional): \_\_\_\_\_
4. Rebecca Ward Signature: Rebecca Ward  
PRINTED Name: REBECCA WARD  
Address: 361 7TH AVE ZIP Code: 94118  
Email (optional): \_\_\_\_\_
5. Signature: Shirley Lee  
PRINTED Name: SHIRLEY LEE  
Address: 372 5TH AVE ZIP Code: 94118  
Email (optional): \_\_\_\_\_

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1. Signature: Liam Xiong Lin  
PRINTED Name: Liam Xiong Lin  
Address: 615 A W 2A ZIP Code: 94118  
Email (optional): \_\_\_\_\_
2. Signature: Kelly New  
PRINTED Name: Kelly New  
Address: 324 6th ave ZIP Code: 94118  
Email (optional): \_\_\_\_\_
3. Signature: C. J. Lee  
PRINTED Name: C. J. Lee  
Address: 3838 Geary, Apt. 3 ZIP Code: 94118  
Email (optional): ~~XXXXXX~~
4. Signature: Joan Howe Merle  
PRINTED Name: Joan Howe Merle  
Address: 502 28th Ave #203 ZIP Code: 94121  
Email (optional): \_\_\_\_\_
5. Signature: Angela HA  
PRINTED Name: ANGELA HA  
Address: 3595 GEARY BLVD ZIP Code: 94118  
Email (optional): \_\_\_\_\_

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1. Signature: [Signature]  
PRINTED Name: Karen Parker  
Address: 154 5th ZIP Code: 94118  
Email (optional): \_\_\_\_\_
2. Signature: [Signature]  
PRINTED Name: Jordan Guo May HP.  
Address: 733 24th Ave ZIP Code: 94121  
Email (optional): \_\_\_\_\_
3. Signature: [Signature]  
PRINTED Name: B. Devone  
Address: 151 - 21<sup>st</sup> Ave ZIP Code: 94121  
Email (optional): \_\_\_\_\_
4. Signature: [Signature]  
PRINTED Name: Andrew Mathias  
Address: 72 6th Ave ZIP Code: 94118  
Email (optional): \_\_\_\_\_
5. Signature: [Signature]  
PRINTED Name: Yvette Olivier  
Address: 72 6th Ave ZIP Code: 94118  
Email (optional): \_\_\_\_\_

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1. Signature: [Signature]  
PRINTED Name: Sean Egelton  
Address: 490 6<sup>th</sup> Ave ZIP Code: 94118  
Email (optional): \_\_\_\_\_
2. Signature: [Signature]  
PRINTED Name: Vincent Ho  
Address: 670 3<sup>rd</sup> Ave ZIP Code: 94118  
Email (optional): NA
3. Signature: NG KAM HUNG  
PRINTED Name: WAIKIN HUNG  
Address: 458 9<sup>th</sup> Ave ZIP Code: 94118  
Email (optional): \_\_\_\_\_
4. Signature: [Signature]  
PRINTED Name: Darwin Xu  
Address: 584 4<sup>th</sup> Ave ZIP Code: 94118  
Email (optional): \_\_\_\_\_
5. Signature: [Signature]  
PRINTED Name: Nicholas W. Lee  
Address: 1540A Anza St ZIP Code: 94118  
Email (optional): \_\_\_\_\_

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1. Signature: JIAN QIAN  
PRINTED Name: JIAN Q  
Address: 330 GEARY AVE ZIP Code: 94121  
Email (optional): \_\_\_\_\_
2. Signature: WALTER JAY  
PRINTED Name: WALTER T. JAY  
Address: 600 4th Ave ZIP Code: 94121  
Email (optional): \_\_\_\_\_
3. Signature: Myung Lee  
PRINTED Name: M. Myung Lee  
Address: 448 - 8th Ave ZIP Code: 94118  
Email (optional): \_\_\_\_\_
4. Signature: David Yang  
PRINTED Name: David Yang  
Address: 4138 GEARY ST ZIP Code: 94118  
Email (optional): 600
5. Signature: Alice Cho  
PRINTED Name: Alice Cho  
Address: 650 - 25 ave ZIP Code: 94121  
Email (optional): \_\_\_\_\_

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1. Signature: John L. Shaugnessy  
PRINTED Name: John L. Shaugnessy  
Address: 4906<sup>th</sup> Ave, San Francisco, CA ZIP Code: 94118  
Email (optional): \_\_\_\_\_
2. Signature: Trung D  
PRINTED Name: Trung D. Nguyen  
Address: 490 6<sup>th</sup> Ave, San Francisco ZIP Code: 94118  
Email (optional): \_\_\_\_\_
3. Signature: [Signature]  
PRINTED Name: Louge Oyama (u)  
Address: ~~610 Post~~ 431 Balboa St. ZIP Code: 94109  
Email (optional): joyama@verizonmail.com
4. Signature: Albert F.  
PRINTED Name: ALBERT F.  
Address: 679-187<sup>th</sup> Ave ZIP Code: 94121  
Email (optional): \_\_\_\_\_
5. Signature: [Signature]  
PRINTED Name: ROSAN EHOW  
Address: 521 A 5TH AVE ZIP Code: 94118  
Email (optional): \_\_\_\_\_

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1. Signature: Annette Li  
PRINTED Name: Annette Li  
Address: 741 Clement St #207 ZIP Code: 94118  
Email (optional): ajl420@gmail.com
2. Signature: Theresa Bay  
PRINTED Name: Theresa Bay  
Address: 630 Clement ZIP Code: 94118  
Email (optional): \_\_\_\_\_
3. Signature: Wing Hoang  
PRINTED Name: Wing Hoang  
Address: 375 2nd Ave ZIP Code: 94121  
Email (optional): \_\_\_\_\_
4. Signature: Tommy Wong  
PRINTED Name: Tommy Wong  
Address: 715 - 83rd Ave ZIP Code: 94121  
Email (optional): \_\_\_\_\_
5. Signature: Elaine Chan  
PRINTED Name: ELAINE CHAN  
Address: 4236 Anza St ZIP Code: 94121  
Email (optional): \_\_\_\_\_



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1. Signature: Betty Tsugawa  
PRINTED Name: BETTY TSUGAWA  
Address: 457 26th Ave ZIP Code: 94121  
Email (optional): \_\_\_\_\_
2. Signature: Sabrina Lee  
PRINTED Name: Sabrina Lee  
Address: 265 5th Ave #1 ZIP Code: 94118  
Email (optional): \_\_\_\_\_
3. Signature: Lan V. Dang  
PRINTED Name: Lan V. Dang  
Address: 628 - 25 Ave #01 ZIP Code: 94121  
Email (optional): \_\_\_\_\_
4. Signature: Johnny D. Jue  
PRINTED Name: Johnny D. Jue  
Address: 145 - 23rd Ave ZIP Code: 94121-1218  
Email (optional): \_\_\_\_\_
5. Signature: Michael Truono  
PRINTED Name: MICHAEL TRUONO  
Address: 412 12th Ave ZIP Code: 94118  
Email (optional): \_\_\_\_\_

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1. Signature: [Signature]  
PRINTED Name: Anti Xian  
Address: 2436 Fulton St Apt ZIP Code: 94118  
Email (optional): \_\_\_\_\_
2. Signature: [Signature]  
PRINTED Name: Sorey Aguilar  
Address: 361-11th Ave #4 ZIP Code: 94118  
Email (optional): \_\_\_\_\_
3. Signature: [Signature]  
PRINTED Name: CHAS STALDT  
Address: 361 11th Ave ZIP Code: 94118  
Email (optional): \_\_\_\_\_
4. Signature: [Signature]  
PRINTED Name: Sarah Symmonds  
Address: 474 8th Ave ZIP Code: 94118  
Email (optional): \_\_\_\_\_
5. Signature: [Signature]  
PRINTED Name: Charles E. Graf  
Address: 278-18<sup>th</sup> Ave ZIP Code: 94121-2315  
Email (optional): \_\_\_\_\_

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1. Signature: Helen Garofalo  
PRINTED Name: Helen Garofalo  
Address: 1866 12<sup>th</sup> Ave ZIP Code: 94118  
Email (optional): \_\_\_\_\_
2. Signature: Zhong Xi Wu  
PRINTED Name: Zhong Xi Wu  
Address: 726 . 45 . TH AVE ZIP Code: 94121  
Email (optional): \_\_\_\_\_
3. Signature: Marlene Michael  
PRINTED Name: MARLENE MICHAEL  
Address: 271 2ND AVE ZIP Code: 94118  
Email (optional): \_\_\_\_\_
4. Signature: LUCY TOAN  
PRINTED Name: LUCY TOAN  
Address: 271 6<sup>th</sup> Ave ZIP Code: 94118  
Email (optional): \_\_\_\_\_
5. Signature: Scott Bodin  
PRINTED Name: Scott Bodin  
Address: 270 6<sup>th</sup> Ave ZIP Code: 94118  
Email (optional): \_\_\_\_\_

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1. Signature: SIN JEN LEE (w)  
PRINTED Name: Sin Jen Lee  
Address: 586-6 - ZIP Code: 94118  
Email (optional): \_\_\_\_\_
2. Signature: Li L - EMPEROR'S RESTAURANT PALACE OWNER  
PRINTED Name: Wing Shan Li (w)  
Address: 530 Balboa St. ZIP Code: 94118  
Email (optional): \_\_\_\_\_
3. Signature: Gail Morrow (w)  
PRINTED Name: Gail Morrow  
Address: 4131 Geary ZIP Code: 94118  
Email (optional): \_\_\_\_\_
4. Signature: Ian Glascock  
PRINTED Name: Ian Glascock STUDENT  
Address: 490 6th ave ZIP Code: 94118  
Email (optional): \_\_\_\_\_
5. Signature: Yuen Man Potasz (w) (R) ~~SON~~  
PRINTED Name: Yuen Man Potasz  
Address: 621-7th Ave, SF ZIP Code: 94118  
Email (optional): \_\_\_\_\_

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1. Signature: Gumi

PRINTED Name: EVA Cj

Address: 518 36th St ZIP Code: 94121

Email (optional): \_\_\_\_\_

2. Signature: Wanda Pryor

PRINTED Name: Wanda Pryor (w)

Address: 456 6th Ave ZIP Code: 94118

Email (optional): \_\_\_\_\_

3. Signature: Johnson

PRINTED Name: Johnson

Address: 664 8th Ave ZIP Code: 94118

Email (optional): Johnson - 24494 @Tehwa.com

4. Signature: Armen Guman (w)

PRINTED Name: 4207 Geary ARMEN GUMAN

Address: 4207 Geary ZIP Code: 94118

Email (optional): \_\_\_\_\_

5. Signature: Grace Li (w)

PRINTED Name: Grace Li

Address: 4207 Geary ZIP Code: 94118

Email (optional): \_\_\_\_\_

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1. Signature: Austin Lam-Tran  
PRINTED Name: Austin Lam-Tran  
Address: 2655 42nd Ave ZIP Code: 94116  
Email (optional): \_\_\_\_\_
2. Signature: Jason Kuang  
★ PRINTED Name: JASON KUANG  
Address: 447 7<sup>th</sup> AVE ZIP Code: 94118  
Email (optional): \_\_\_\_\_
3. Signature: Steve L'ever  
★ PRINTED Name: Steven Luong  
Address: 627 3rd AVE ZIP Code: 94118  
Email (optional): \_\_\_\_\_
4. Signature: Heidi Quan  
PRINTED Name: Heidi Quan  
Address: ~~23~~ 2345 Golden Gate ZIP Code: 94118  
Email (optional): \_\_\_\_\_
5. Signature: Andrew Caceres  
PRINTED Name: Andrew Caceres  
Address: 490 6th ave. ZIP Code: 94118  
Email (optional): \_\_\_\_\_

**Yes, let's improve our wireless communications.**

As San Francisco residents and merchants, we support the placement of small cellular antennas above the Kaiser Building roof at 4141 Geary Boulevard/450-6<sup>th</sup> Avenue. This antenna site would improve wireless communications for us and our friends and neighbors. By increasing capacity and improving reliability, the site can also save lives by enhancing the availability of emergency 911 services and other emergency communications. We understand that this site has been approved by the San Francisco Department of Public Health and meets federal safety standards. Mounted more than 80 feet above ground on the Kaiser building roof, the antennas will be fully screened from view from the ground. **Already supported by many neighborhood residents and merchants, this proposal for leading edge infrastructure will provide the quality wireless coverage that San Francisco residents expect and need.**


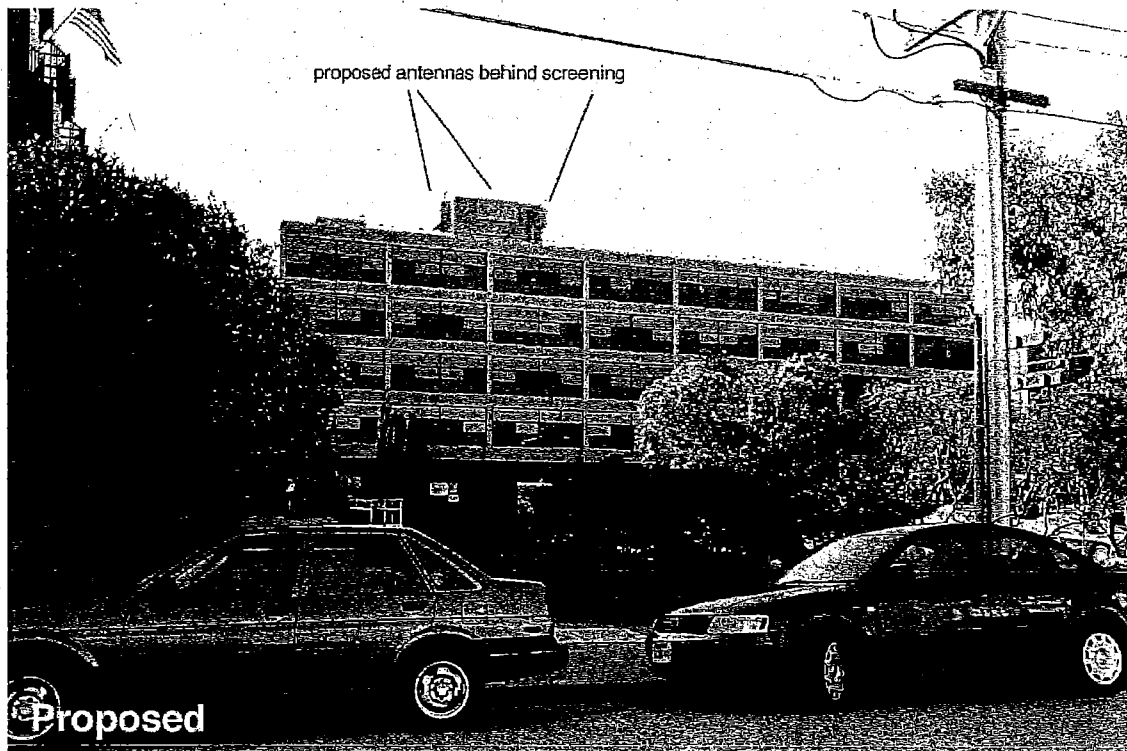
1. Signature: Juan E. Deul   
PRINTED Name: Juan Gabriel Deul  
Address: 6 Balboa ZIP Code: 94118  
Email (optional): \_\_\_\_\_
2. Signature: [Signature]  
PRINTED Name: Sam LEE  
Address: 452 BALBOA ZIP Code: 94118  
Email (optional): \_\_\_\_\_
3. Signature: [Signature]  
PRINTED Name: KEW LEE  
Address: 771 SIXTH AVE ZIP Code: 94118  
Email (optional): \_\_\_\_\_
4. Signature: [Signature]  
PRINTED Name: 568 Cai zhun  
Address: 56 6TH AVE ZIP Code: 94118  
Email (optional): \_\_\_\_\_
5. Signature: [Signature]  
PRINTED Name: MATSON  
Address: 568 - 6TH AVENUE ZIP Code: 94118  
Email (optional): \_\_\_\_\_

Exhibit E



# **Review of Location Preference 1 Alternatives**

**Verizon Wireless  
Geary / Western Addition  
4141 Geary Boulevard/450 6<sup>th</sup> Avenue**



**October 17, 2011**

**Summary of Site Evaluations  
Conducted by On Air LLC**

**Compiled by Mackenzie & Albritton LLP**

The proposed Verizon Wireless facility at 4141 Geary Boulevard/450 6<sup>th</sup> Avenue (the "Project") qualifies as a Location Preference 1 under the 1996 *WTS Facilities Siting Guidelines* (the "WTS Guidelines"). The WTS Guidelines do not require an alternatives analysis for sites that are located in Preference 1 through 4. Nevertheless, to confirm that the Project is the least intrusive means for providing service to the coverage objective identified in the Statement of Verizon Wireless Radio Frequency Design Engineer Russ Bentson, October 14, 2011, Verizon Wireless has prepared the below review of all other Preference 1 location within the vicinity of the Project. It is self-evident from the review below that the Project—at 85 feet the highest of all other publicly-used facilities reviewed within an approximate quarter mile radius—will provide superior radio frequency propagation to the coverage objective area. In addition, as the below review confirms, the placement of antennas on an existing 6<sup>th</sup> story mechanical penthouse is clearly the least intrusive of any alternative antenna placement of the reviewed facilities. A brief description of the reviewed facilities appears below.

### **Kaiser Building**

4141 Geary Boulevard (Frontage on Geary Boulevard)

Height: 56 feet



This alternative location is part of the Kaiser French Campus and is located immediately north of the Project. An existing wireless facility on this building precludes the placement of Verizon Wireless equipment on the roof. As a result, Kaiser Permanente has required Verizon Wireless to locate its facility at the Project location. In addition, the building upon which the Project is located is some 30 feet greater in height and would shadow all RF signal to the southwest, further eliminating 4141 Geary Boulevard as a possible location for the proposed facility.

**Kaiser Building**

4131 Geary Boulevard (South of Project)

Height: 52 feet

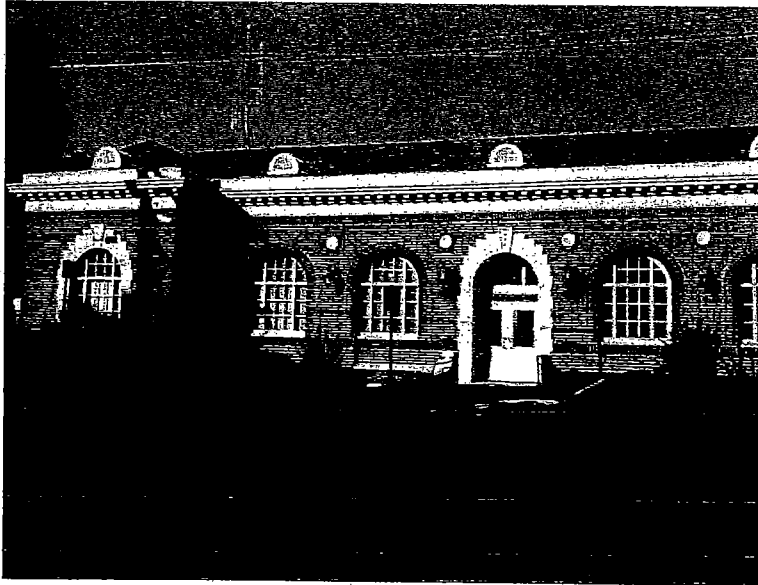


This alternative location is part of the Kaiser French Campus immediately south of the Project. With a roof height of approximately 52 feet, this Kaiser building does not provide adequate radio frequency propagation to the coverage objective area. In addition, the building upon which the Project is located is some 30 feet greater in height and would shadow all RF signal to the northwest, further eliminating 4131 Geary Boulevard as a possible location for the proposed facility.

**Richmond District Police Station**

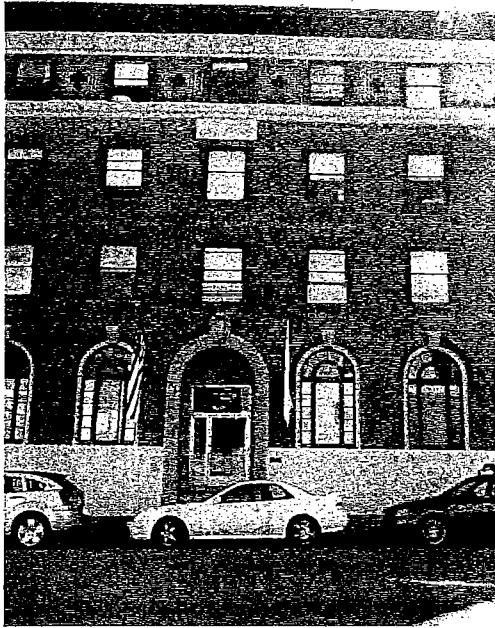
461 6th Avenue

Height: 25 feet



This alternative location is located across 6<sup>th</sup> Avenue immediately west of the Project. With a roof height of approximately 25 feet, this building does not provide adequate radio frequency propagation to the coverage objective area. In addition, the building upon which the Project is located is some 60 feet greater in height and would shadow all RF signal to the east, further eliminating 461 6<sup>th</sup> Avenue as a possible location for the proposed facility.

**University of San Francisco—Pedro Arrupe Residence Hall**  
490 6<sup>th</sup> Avenue  
Height: 51 feet



This apparently publicly-used facility would likely be assigned a Preference 5 category or lower due to its residential use. Given the residential use of this structure, it is far less preferred under the WTS Guidelines. In addition, the site suffers from the same deficiency in height of other structures in this area and is some 30 feet shorter than the Project location.

**San Francisco Public Library—Richmond Branch**  
351 9th Avenue  
Height: 32 feet

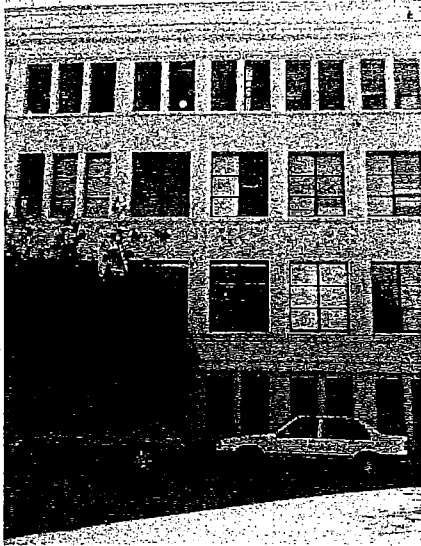


Like other publicly-used facilities in the area, this Preference 1 location stands at a mere 25 feet in height, standing some 60 feet lower than the project. This location cannot provide the radio frequency propagation required to reach the coverage objective area absent an extremely tall (e.g., 80 foot) obtrusive antenna tower.

### **The Laurel School**

350 9th Avenue

53 feet

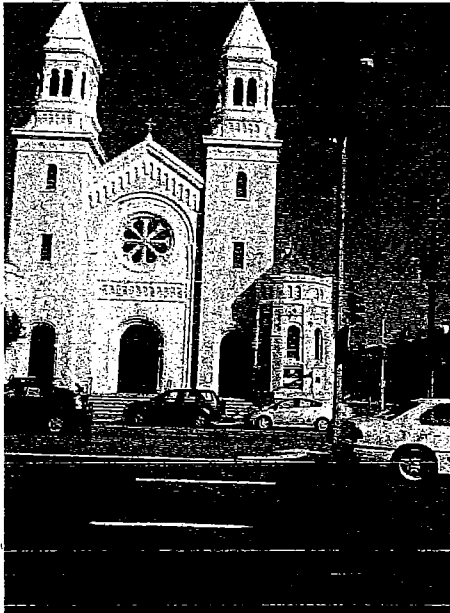


This publicly-used school structure is some 30 feet shorter than the Project and cannot provide equivalent radio frequency propagation absent a 30 foot antenna structure located on top of the school building. Lack of adequate height and required obtrusive improvements prevent this Preference 1 location from being a viable candidate for the proposed facility.

### **Star of the Sea Church**

4420 Geary Boulevard

Height: 78 feet (Top of Cross)



This Preference 1 church structure lacks space in the 78 foot tall spires for the placement of Verizon Wireless's nine panel antennas and two GPS antennas. In addition, the spires as currently constructed lack the structural integrity to support the proposed Verizon Wireless equipment. Antennas placed on the spires would be far more intrusive than the screened antennas to be located in the mechanical penthouse of the project. This church would be an inferior alternative to the Project due to aesthetic and seismic concerns.

**Verizon Wireless**  
**4141 Geary Boulevard**  
**450 6th Avenue**  
**Nearby Location Preference 1**  
**Publicly Used Structures**



September 29, 2011

1280 Webster St.  
San Francisco  
California 94115  
415.440.6222

ncmacc@ncmacc.org  
www.ncmacc.org

**Advisory Council**

Janet Bookspan  
Mack McCrey  
Nak Hoon Sung

**Board Members**

Chair: Hagen Choi  
Duke Amariampong  
DongKook Chang  
DukChun Chang  
Timothy H. Han  
SeungTae Im  
YoungMee Moore  
Michelle Nip  
John Rim

**Executive Director**

Young Sook Kim

**Our Mission is**  
to support young  
musicians and artists  
who will continue to  
meet the cultural and  
educational needs of a  
diverse population.

San Francisco Board of Supervisors  
1 Dr. Carlton Goodlett Place  
City Hall, Rm. 244  
San Francisco, CA 94102

RE: Improving Wireless Communications/Cellular Antenna at 4141 Geary  
(Appeal)

Dear Supervisors:

I write on behalf of the **WREACH OUT** (Western Addition and Richmond Education, Arts and Culture Helping to support Open minds, Understanding, and Togetherness) Program, and the Northern California Music & Art Culture Center. Many of our families and staff live in the Richmond District near the cell site.

As a San Francisco program proudly serving more than 350 children, we support the placement of small 4-foot cellular antennas on the top of the Kaiser Building at 4141 Geary Boulevard/450-6<sup>th</sup> Avenue. Improving cell phone and wireless communications is important for us, our employees and volunteers, and our parents and friends with children in our programs.

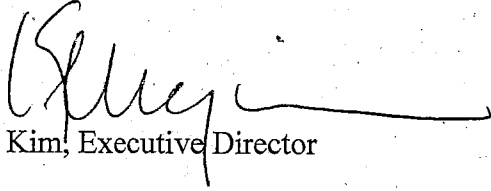
As you can well imagine, parents care a lot about their children and need to make arrangements for their children before and after our afterschool programs. Many lower-income families no longer have regular phones and rely on their cell phones. There are sometimes dropped calls by or from Verizon customers near to the site, especially in the late afternoons. Or sometimes families citywide cannot make calls on their cell phones to the area.

The safety of our children is also important to our families and staff. The antennas site can help in emergencies and can also save lives through 911 phone call service. If we need to make an emergency call, we need to know we can get through to the police or firefighters or hospitals.

We understand that this location has been approved by the Health Department for full safety, and of course is approved by Kaiser Hospital. This antenna has already been unanimously approved by strong vote of the Planning Commission.

Please support this proposal for 4141 Geary Boulevard and deny the appeal.

Sincerely,

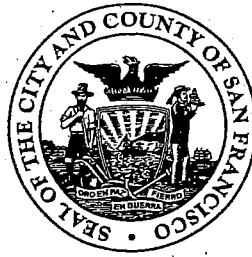
  
Young Sook Kim, Executive Director

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2011 OCT -3 PM 3:58





BOARD of SUPERVISORS



City Hall  
1 Dr. Carlton B. Goodlett Place, Room 244  
San Francisco 94102-4689  
Tel. No. 554-5184  
Fax No. 554-5163  
TDD/TTY No. 544-5227

August 31, 2011

John Rahaim, Director  
Planning Department  
1650 Mission Street, Suite 400  
San Francisco, CA 94103

**File No. 110950, Planning Case No. 2010.0951C**  
**4141 Geary Boulevard/450 - 6<sup>th</sup> Avenue Conditional Use Appeal**

Dear Director Rahaim:

This office is in receipt of an appeal filed by Sandra Fen Ng, on behalf of the San Francisco Tomorrow from the decision of the Planning Commission by its Motion No. 18415 dated July 28, 2011, approving a Conditional Use Authorization identified as Planning Case No. 2010.0951C, under Planning Code Sections 209.6(b) and 303 to install a wireless telecommunications facility consisting of nine (9) panel antennas and related equipment on an existing mechanical penthouse on the roof of a five-story publicly used structure (Kaiser Hospital) as part of Verizon's wireless telecommunications network within the RM-1 (Mixed, Low Density) and NC-3 (Neighborhood Commercial, Moderate Scale) Zoning Districts, and a 80-E Height and Bulk District, on property located at:

4141 Geary Boulevard/450 - 6<sup>th</sup> Avenue, Assessor's Block No. 1539, Lot No. 003.

Pursuant to Ordinance No. 121-01, Supervisors Eric Mar, John Avalos, David Chiu, Jane Kim, and Ross Mirkarimi, subscribed to this conditional use appeal as an alternative to obtaining the signatures of 20% of the property owners within 300 feet of the subject property.

A hearing date has been scheduled on **Tuesday, September 27, 2011, at 4:00 p.m.**, at the Board of Supervisors meeting to be held in City Hall, tentatively in Room 416, 4<sup>th</sup> Floor, at 1 Dr. Carlton B. Goodlett Place, San Francisco, CA 94102.

Sincerely,

A handwritten signature in black ink, appearing to read "Angela Calvillo".

Angela Calvillo  
Clerk of the Board

c:  
Appellant, Sandra Fen Ng, 775 - 7<sup>th</sup> Avenue, San Francisco, CA 94118  
Property Owner, Kaiser Foundation Hospitals, 1800 Harrison Street, 6<sup>th</sup> Floor, Oakland, CA 94612, w/ copy of appeal  
Project Sponsor, Gabriella Barr for Verizon Wireless, 9210 Zayante Drive, Felton, CA 95018, w/ copy of appeal  
Scott Sanchez, Zoning Administrator, Planning Department, w/ copy of appeal  
AnMarie Rodgers, Planning Department, w/ copy of appeal  
Tina Tam, Planning Department, w/ copy of appeal  
Nannie Turrell, Planning Department, w/ copy of appeal  
Linda Avery, Planning Department, w/ copy of appeal  
Sara Velve, Planning Department, w/ copy of appeal  
Cheryl Adams, Deputy City Attorney, w/ copy of appeal  
Kate Stacy, Deputy City Attorney, w/ copy of appeal  
Marlena Byrne, Deputy City Attorney, w/ copy of appeal

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BOARD OF SUPERVISORS  
SAN FRANCISCO  
2011 AUG 29 AM 10:27  
BY                     

The property is located at 4141 Geary Blvd

Date of City Planning Commission Action  
(Attach a Copy of Planning Commission's Decision)

August 26<sup>th</sup>, 2011  
Appeal Filing Date

\_\_\_\_\_ The Planning Commission disapproved in whole or in part an application for conditional use authorization, Case No. \_\_\_\_\_

Statement of Appeal:

a) Set forth the part(s) of the decision the appeal is taken from:

This motion #18415 is not necessary, not desirable, and not compatible with our neighborhood.

b) Set forth the reasons in support of your appeal:

- survey data and support from residents within 300-500 sq ft radius.

Person to Whom  
Notices Shall Be Mailed

Name and Address of Person Filing Appeal:

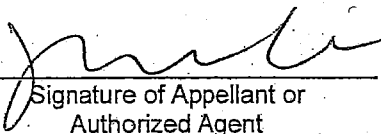
Jacquelyn Coo / Sandra Fen Ng Sandra Fen Ng  
Name Name

775 7th Ave, SF 94118  
Address

775 7th Ave, SF 94118  
Address

415/386.0184  
Telephone Number

415/386.0184  
Telephone Number

  
Signature of Appellant or  
Authorized Agent

Pursuant to Planning Code Section 308.1(b), the undersigned members of the Board of Supervisors believe that there is sufficient public interest and concern to warrant an appeal of the Planning Commission on Case No. 2010-0951C, a conditional use authorization regarding (address) 4141 Geary Blvd / 4th Avenue, District     . The undersigned members respectfully request the Clerk of the Board to calendar this item at the soonest possible date.

SIGNATURE

DATE

[Signature]

8-18-11

[Signature]

8-22-11

[Signature]

8-22-11

[Signature]

8/24/11

8/24/11

(Attach copy of Planning Commission's Decision)



# SAN FRANCISCO PLANNING DEPARTMENT

Subject to: (Select only if applicable)

- |  |  |
|--|--|
| <input type="checkbox"/> Affordable Housing (Sec. 415)           | <input type="checkbox"/> First Source Hiring (Admin. Code) |
| <input type="checkbox"/> Jobs Housing Linkage Program (Sec. 413) | <input type="checkbox"/> Child Care Requirement (Sec. 414) |
| <input type="checkbox"/> Downtown Park Fee (Sec. 412)            | <input type="checkbox"/> Other                             |

1650 Mission St.  
Suite 400  
San Francisco, CA  
94103-2473

Reception  
415.558.6378

Fax:  
415.558.6409

Planning  
Information  
415.558.6377

## Planning Commission Motion No. 18415

HEARING DATE: JULY 28, 2011

Date: July 21 2011  
Case No.: 2010.0951C  
Project Address: 4141 Geary Blvd./450 - 6<sup>th</sup> Avenue  
Current Zoning: RM-1 (Mixed, Low Density)  
NC-3 (Neighborhood Commercial, Moderate Scale)  
80-E Height and Bulk District  
Block/Lot: 1539/003  
Project Sponsor: Gabriella Bar for  
Verizon Wireless  
9210 Zayante Drive  
Felton, CA 95018  
Staff Contact: Sara Vellve - (415) 558 - 6263  
sara.vellve@sfgov.org  
Recommendation: Approval with Conditions

ADOPTING FINDINGS RELATING TO THE APPROVAL OF A CONDITIONAL USE AUTHORIZATION UNDER PLANNING CODE SECTIONS 209.6(b) AND 303 TO INSTALL A WIRELESS TELECOMMUNICATIONS FACILITY CONSISTING OF NINE (9) PANEL ANTENNAS AND RELATED EQUIPMENT ON AN EXISTING MECHANICAL PENTHOUSE ON THE ROOF OF A FIVE-STORY PUBLICALLY USED STRUCTURE (KAISER HOSPITAL) AS PART OF VERIZON'S WIRELESS TELECOMMUNICATIONS NETWORK WITHIN THE RM-1 (MIXED, LOW DENSITY) AND NC-3 (NEIGHBORHOOD COMMERCIAL, MODERATE SCALE) ZONING DISTRICTS, AND A 80-E HEIGHT AND BULK DISTRICT.

### PREAMBLE

On October 19, 2010, Gabriella Bar, as representative of Verizon Wireless, (hereinafter "Project Sponsor"), made an application (hereinafter "application"), for Conditional Use Authorization on the property at 4141 Geary Blvd./ 450 - 6<sup>th</sup> Avenue, Lot 003 in Assessor's Block 1539, (hereinafter "project site") to install a wireless telecommunications facility consisting of nine (9) panel antennas on an existing mechanical penthouse and related equipment on the adjacent roof of an existing five-story publicly used structure (Kaiser Hospital) as part of Verizon's wireless telecommunications network within the RM-1 (Mixed, Low Density) and NC-3 (Neighborhood Commercial, Moderate Scale) Zoning Districts, and a 80-E Height and Bulk District.

The project is exempt from the California Environmental Quality Act ("CEQA") as a Class 3 categorical exemption. The Commission has reviewed and concurs with said determination. The categorical exemption and all pertinent documents may be found in the files of the Planning Department (hereinafter "Department"), as the custodian of records, at 1650 Mission Street, San Francisco.

On July 28, 2011, the San Francisco Planning Commission (hereinafter "Commission") conducted a duly noticed public hearing at a regularly scheduled meeting on the application for a Conditional Use authorization.

The Commission has heard and considered the testimony presented to it at the public hearing and has further considered written materials and oral testimony presented on behalf of the applicant, department staff, and other interested parties.

MOVED, that the Commission hereby authorizes the Conditional Use in Application No. 2010.0951C, subject to the conditions contained in "EXHIBIT A" of this motion, based on the following findings:

#### FINDINGS

Having reviewed the materials identified in the preamble above, and having heard all testimony and arguments, this Commission finds, concludes, and determines as follows:

1. The above recitals are accurate and constitute findings of this Commission.
2. **Site Description and Present Use.** The subject site is zoned RM-1 (Mixed, Low Density) and NC (Neighborhood Commercial, Moderate Scale). The RM-1 District (south portion of subject lot where buildings front 6<sup>th</sup> Avenue) is characterized in the Planning Code as containing a mixture of dwelling types and a significant number of apartment buildings that broaden the range of unit sizes and variety of structures, but with an overall low density and moderately scaled buildings with neighborhood services and transit lines located within close proximity. The NC-3 District (north portion of lot fronting Geary Boulevard) is characterized in the Planning Code as containing a wide variety of comparison and specialty goods and services to a population greater than the immediate neighborhood in a linear commercial street stretching for many blocks.

The approximately 100,600 square foot site is developed as Kaiser Hospital's French Campus and consists of approximately four buildings in the block bounded by Geary Boulevard to the north, 6<sup>th</sup> Avenue to the west, Anza Street to the south and 5<sup>th</sup> Avenue to the west. The subject building where the proposed antennas would be located is five stories tall (plus a mechanical penthouse) and is located mid-block fronting 6<sup>th</sup> Avenue. The subject structure was constructed in approximately 1970.

3. **Surrounding Properties and Neighborhood.** The entire block is developed with buildings generally used by Kaiser Permanente for its medical and health services, and

operations. Lots across 6<sup>th</sup> Avenue from the subject site generally consist of single-to-multi family-buildings between Geary Boulevard and Anza Street. The building at the northeast corner of the intersection of 6<sup>th</sup> Avenue and Anza Street is leased to the University of San Francisco for student housing. The Richmond District Police Station is located directly across 6<sup>th</sup> Avenue from the subject building.

4. **Project Description.** Verizon Wireless proposes to install nine panel antennas, two GPS antennas, and associated equipment cabinets as part of their wireless transmission network. According to the *Wireless Telecommunications Services (WTS) Siting Guidelines*, the property is a Location Preference 1 (Publicly-used structure) as the site is developed with a medical office/hospital owned and operated by Kaiser Permanente. The nine panel antennas would be flush-mounted in groups of three on the north, east and south sides of an existing penthouse at a height of approximately 85 feet and no higher than the penthouse roof. In order to improve the visual quality of the site, all antennas will be screened from view by synthetic material that is RF (Radio Frequency) Transparent, which allows transmission to occur even though the antennas are obscured. The maximum dimension for all the proposed antennas is approximately 4 feet tall, 1 foot wide and 3 to 7 inches deep. The proposed WTS site also includes the installation of associated mechanical equipment which will be located on the roof of the five-story building immediately to the north of the penthouse and set back from the 6<sup>th</sup> Avenue property line by approximately 30 feet.
5. **Past History and Actions.** The Planning Commission established guidelines for the installation of wireless telecommunications facilities in 1996 ("*Guidelines*"). These *Guidelines* set forth the land use policies and practices that guide the installation and approval of wireless facilities throughout San Francisco. A large portion of the *Guidelines* was dedicated to establishing location preferences for these installations. The Board of Supervisors, in Resolution No. 635-96, provided input as to where wireless facilities should be located within San Francisco. The *Guidelines* were updated by the Commission in 2003, requiring community outreach, notification, and detailed information about the facilities to be installed.<sup>1</sup>

Section 8.1 of the *Guidelines* outlines Location Preferences for wireless facilities. There are five primary areas where the installation of wireless facilities should be located:

1. **Publicly-used Structures:** such facilities as fire stations, utility structures, community facilities, hospitals, health centers and other public structures;
2. **Co-Location Site:** encourages installation of facilities on buildings that already have wireless installations;
3. **Industrial or Commercial Structures:** buildings such as warehouses, factories, garages, service stations;

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<sup>1</sup> PC Resolution 16539, passed March 13, 2003.

4. Industrial or Commercial Structures: buildings such as supermarkets, retail stores, banks; and
5. Mixed Use Buildings in High Density Districts: buildings such as housing above commercial or other non-residential space.

Before the Planning Commission can review an application to install a wireless facility, the project sponsor must submit a five-year facilities plan, which must be updated biannually, an emissions report and approval by the Department of Public Health, Section 106 Declaration of Intent, a submittal checklist and details about the facilities to be installed.

Under Section 704(B)(iv) of the 1996 Federal Telecommunications Act, local jurisdictions cannot deny wireless facilities based on Radio Frequency (RF) radiation emissions so long as such facilities comply with the FCC's regulations concerning such emissions.

On July 28, 2011, the Commission conducted a duly noticed public hearing at a regularly scheduled meeting on the application for a Conditional Use authorization pursuant to Planning Code Sections 206.9(b) and 303 to install a wireless telecommunications facility consisting of nine panel antennas to be flush-mounted to an existing penthouse and related equipment on the roof of an existing five-story building as part of Verizon's wireless telecommunications network.

6. Location Preference. The *WTS Facilities Siting Guidelines* identify different types of buildings for the siting of wireless telecommunications facilities. Under the *Guidelines*, the Project is a Location Preference Number 1, as it is a preferred location for a publicly-used structure (hospital/health services).
7. Radio Waves Range. The Project Sponsor has stated that the proposed wireless network will transmit calls by radio waves operating in the 800 - 1900 Megahertz (MHZ) bands, which is regulated by the Federal Communications Commission (FCC) and which must comply with the FCC-adopted health and safety standards for electromagnetic radiation and radio frequency radiation.
8. Radiofrequency (RF) Emissions: The project sponsor retained Hammett & Edison, Inc., a radio engineering consulting firm, to prepare a report describing the expected RF emissions from the proposed facility. Pursuant to the *Guidelines*, the Department of Public Health reviewed the report and determined that the proposed facility complies with the standards set forth in the *Guidelines*.
9. Department of Public Health Review and Approval. The proposed project was referred to the Department of Public Health (DPH) for emissions exposure analysis. Existing RF levels at ground level were less than 1% of the FCC public exposure limit. There were no other observed similar antennas within 100 feet of this site. Verizon proposes to install nine new antennas. The antennas will be flush mounted on an existing penthouse at a height of approximately 85 feet above the ground. The estimated ambient RF field from



the proposed Verizon transmitters at ground level is calculated to be 0.0013 mW/sq cm, which is .23% of the FCC public exposure limit. The three dimensional perimeter of RF levels equal to the public exposure limit extends 30 feet and does not reach the roof of the building or any publicly accessible areas. Warning signs must be posted at the antennas and roof access points in English, Spanish, and Chinese. Workers should not have access to within six feet of the front of the antennas while in operation.

10. **Maintenance Schedule.** The proposed facility would operate without on-site staff but with a maintenance crew visiting the property approximately two or three times a month and on an as-needed basis to service and monitor the facility.
11. **Community Outreach.** Per the *Guidelines*, the project sponsor held a Community Outreach Meeting for the proposed project. The meeting began at 7:00 P.M. on Thursday, April 28, 2011 at the Richmond/Senator Milton Marks Branch Library, located at 351 Ninth Avenue, San Francisco. Approximately 35 members of the public attended the meeting, with five attendees indicating their opposition to the project on the sign-in sheet.
12. **Five-year plan:** Per the *Guidelines*, the project sponsor submitted its latest five-year plan, as required, in April 2011.
13. **Public Comment.** As of July 28, 2011, the Department has received one phone call and one letter in opposition to the proposal, both expressing concerns that were health related. In addition, the Community Outreach Sign-in Sheet indicates that 5 attendees of the meeting oppose the proposal.
14. **Planning Code Compliance.** The Commission finds that the Project is consistent with the relevant provisions of the Planning Code in the following manner:
  - A. **Use.** Per Planning Code Sections 209.6(b), a Conditional Use authorization is required for the installation of wireless transmission facilities.
15. **Planning Code Section 303** establishes criteria for the Planning Commission to consider when reviewing applications for Conditional Use approval. On balance, the project does comply with said criteria in that:
  - A. The proposed new uses and building, at the size and intensity contemplated and at the proposed location, will provide a development that is necessary or desirable, and compatible with, the neighborhood or the community.
    - i *Desirable: San Francisco is a leader of the technological economy; it is important and desirable to the vitality of the city to have and maintain adequate telecommunications coverage and data capacity. This includes the installation and upgrading of systems to keep up with changing technology and increases in usage. It is desirable for the City to allow wireless facilities to be installed.*

*The proposed project at 4141 Geary Blvd./450 - 6<sup>th</sup> Avenue will be generally desirable and compatible with the surrounding neighborhood because the project will not conflict with the existing uses of the property and will be of such size and nature to be compatible with the surrounding nature of the vicinity. The approval of this authorization has been found, first and foremost, to insure public safety, and insure that the placement of antennas and related support and protection features are so located, designed, and treated architecturally to minimize their visibility from public places, to avoid intrusion into public vistas, avoid disruption of the architectural design integrity of building and insure harmony with neighborhood character.*

- ii *Necessary: In the case of wireless installations, there are two criteria that the Commission reviews: coverage and capacity.*

*Coverage: San Francisco does have sufficient overall wireless coverage (note that this is separate from carrier service). It is necessary for San Francisco to have as much coverage as possible in terms of wireless facilities. Due to the topography and tall buildings in San Francisco, unique coverage issues arise because the hills and buildings break up coverage. Thus, telecommunication carriers often install additional installations to make sure coverage is sufficient.*

*Capacity: While a carrier may have adequate coverage in a certain area, the capacity may not be sufficient. With the continuous innovations in wireless data technology and demand placed on existing infrastructure, individual telecommunications carriers must upgrade and in some instances expand their facilities network to be able to have proper data distribution. It is necessary for San Francisco, as a leader in technology, to have adequate capacity.*

*The proposed project at 4141 Geary Blvd./450 - 6<sup>th</sup> Avenue is necessary in order to achieve sufficient street, in-transit and in-building mobile phone coverage. Recent drive tests in the subject area conducted by the Verizon Radio Frequency Engineering Team provide conclusive evidence that the subject property is the most viable location, based on factors including quality of coverage, population density, land use compatibility, zoning and aesthetics. The proposed coverage area will serve the vicinity bounded by Fulton Street, 20th Avenue, Lake Street and Arguello Boulevard, as indicated in the coverage maps. This facility will fill in the gaps to improve coverage in the Inner Richmond District as well as to provide necessary facilities for emergency transmission and improved communication for the neighborhood, community and the region.*

- B. *The proposed project will not be detrimental to the health, safety, convenience or general welfare of persons residing or working in the vicinity. There are no features of the project that could be detrimental to the health, safety or convenience of those residing or working the area, in that:*

- i Nature of proposed site, including its size and shape, and the proposed size, shape and arrangement of structures;

*The proposed project must comply with all applicable Federal and State regulations to safeguard the health, safety and to ensure that persons residing or working in the vicinity will not be affected, and prevent harm to other personal property.*

*The Department of Public Health conducted an evaluation of potential health effects from Radio Frequency radiation, and has concluded that the proposed wireless transmission facilities will have no adverse health effects if operated in compliance with the FCC-adopted health and safety standards. The Department has received information that the proposed wireless system must be operated so as not to interfere with radio or television reception in order to comply with the provisions of its license under the FCC.*

*The Planning Department is developing a database of all such wireless communications facilities operating or proposed for operation in the City and County of San Francisco. All applicants are now required to submit information on the location and nature of all existing and approved wireless transmission facilities operated by the Project Sponsor. The goal of this effort is to foster public information as to the location of these facilities.*

- ii The accessibility and traffic patterns for persons and vehicles, the type and volume of such traffic, and the adequacy of proposed off-street parking and loading;

*No increase in traffic volume is anticipated with the facilities operating unmanned, with a single maintenance crew visiting the site two to three times a month or on an as-needed basis.*

- iii The safeguards afforded to prevent noxious or offensive emissions such as noise, glare, dust and odor;

*While some noise and dust may result from the erection of the antennas and transceiver equipment, noise or noxious emissions from continued use are not likely to be significantly greater than ambient conditions due to the operation of the wireless communication network.*

- iv Treatment given, as appropriate, to such aspects as landscaping, screening, open spaces, parking and loading areas, service areas, lighting and signs;

*The antennas are proposed to be flush mounted to the north, east and south facades of an existing penthouse and screened from view with RF transparent material painted to match the penthouse. Mechanical equipment would be located on the fifth floor roof of subject building adjacent to the penthouse.*

- C. That the use as proposed will comply with the applicable provisions of the Planning Code and will not adversely affect the General Plan.

*The project complies with all relevant requirements and standards of the Planning Code and is consistent with objectives and policies of the General Plan as detailed below.*

- D. That the use as proposed would provide development that is in conformity with the purpose of the applicable Neighborhood Commercial District.

*The proposed project is consistent with the stated purpose of the RM-1 (Mixed, Low Density) and NC-3 (Neighborhood Commercial, Moderate Scale) Districts in that the intended use is located on an existing building at a height of approximately 85 feet from grade and designed to resemble the existing penthouse.*

16. General Plan Compliance. The Project is, on balance, consistent with the following Objectives and Policies of the General Plan

#### 2004 HOUSING ELEMENT

##### HOUSING DENSITY, DENSITY, DESIGN & QUALITY OF LIFE

OBJECTIVE 11- IN INCREASING THE SUPPLY OF HOUSING, PURSUE PLACE MAKING AND NEIGHBORHOOD BUILDING PRINCIPLES AND PRACTICES TO MAINTAIN SAN FRANCISCO'S DESIRABLE URBAN FABRIC AND ENHANCE LIVABILITY IN ALL NEIGHBORHOODS.

POLICY 11.2 - Ensure housing is provided with adequate public improvements, services, and amenities.

*The project will improve Verizon Mobility coverage in residential, commercial and recreational areas along primary transportation routes in San Francisco.*

#### 2009 HOUSING ELEMENT

##### BALANCE HOUSING CONSTRUCTION AND COMMUNITY INFRASTRUCTURE

OBJECTIVE 12 - BALANCE HOUSING GROWTH WITH ADEQUATE INFRASTRUCTURE THAT SERVES THE CITY'S GROWING POPULATION.

POLICY 12.2 - Consider the proximity of quality of life elements, such as open space, child care, and neighborhood services, when developing new housing units.

POLICY 12.3 - Ensure new housing is sustainable supported by the City's public infrastructure systems.

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*The project will improve Verizon Mobility coverage in residential, commercial and recreational areas along primary transportation routes in San Francisco*

#### URBAN DESIGN

#### HUMAN NEEDS

OBJECTIVE 4 - IMPROVEMENT OF THE NEIGHBORHOOD ENVIRONMENT TO INCREASE PERSONAL SAFETY, COMFORT, PRIDE AND OPPORTUNITY.

POLICY 4.14 - Remove and obscure distracting and cluttering elements.

*The project adequately "stealths" the proposed antennas and related equipment by locating the antennas within screening and the equipment on a building roof and set back from the property line.*

#### COMMERCE AND INDUSTRY ELEMENT

##### Objectives and Policies

##### OBJECTIVE 1:

MANAGE ECONOMIC GROWTH AND CHANGE TO ENSURE ENHANCEMENT OF THE TOTAL CITY LIVING AND WORKING ENVIRONMENT.

##### Policy 1:

Encourage development, which provides substantial net benefits and minimizes undesirable consequences. Discourage development, which has substantial undesirable consequences that cannot be mitigated.

##### Policy 2:

Assure that all commercial and industrial uses meet minimum, reasonable performance standards.

*The project would enhance the total city living and working environment by providing communication services for residents and workers within the City. Additionally, the project would comply with Federal, State and Local performance standards.*

##### OBJECTIVE 2:

MAINTAIN AND ENHANCE A SOUND AND DIVERSE ECONOMIC BASE AND FISCAL STRUCTURE FOR THE CITY.

##### Policy 1:

Seek to retain existing commercial and industrial activity and to attract new such activity to the city.

Policy 3:

Maintain a favorable social and cultural climate in the city in order to enhance its attractiveness as a firm location.

*The site is an integral part of a wireless communications network that will enhance the City's diverse economic base.*

OBJECTIVE 4:

IMPROVE THE VIABILITY OF EXISTING INDUSTRY IN THE CITY AND THE ATTRACTIVENESS OF THE CITY AS A LOCATION FOR NEW INDUSTRY.

Policy 1:

Maintain and enhance a favorable business climate in the City.

Policy 2:

Promote and attract those economic activities with potential benefit to the City.

*The project would benefit the City by enhancing the business climate through improved communication services for residents and workers.*

VISITOR TRADE

OBJECTIVE 8 - ENHANCE SAN FRANCISCO'S POSITION AS A NATIONAL CENTER FOR CONVENTIONS AND VISITOR TRADE.

POLICY 8.3 - Assure that areas of particular visitor attraction are provided with adequate public services for both residents and visitors.

*The project will ensure that residents and visitors have adequate public service in the form of Verizon's mobile telecommunications.*

COMMUNITY SAFETY ELEMENT

Objectives and Policies

OBJECTIVE 3:

ENSURE THE PROTECTION OF LIFE AND PROPERTY FROM THE EFFECTS OF FIRE OR NATURAL DISASTER THROUGH ADEQUATE EMERGENCY OPERATIONS PREPARATION.

Policy 1:

Maintain a local agency for the provision of emergency services to meet the needs of San Francisco.

Policy 2:

Develop and maintain viable, up-to-date in-house emergency operations plans, with necessary equipment, for operational capability of all emergency service agencies and departments.

Policy 3:

Maintain and expand agreements for emergency assistance from other jurisdictions to ensure adequate aid in time of need.

Policy 4:

Establish and maintain an adequate Emergency Operations Center.

Policy 5:

Maintain and expand the city's fire prevention and fire-fighting capability.

Policy 6:

Establish a system of emergency access routes for both emergency operations and evacuation.

*The project would enhance the ability of the City to protect both life and property from the effects of a fire or natural disaster by providing communication services.*

17. Planning Code Section 101.1(b) establishes eight priority planning policies and requires review of permits for consistency with said policies. On balance, the project does comply with said policies in that:

- A. That existing neighborhood-serving retail uses be preserved and enhanced and future opportunities for resident employment in and ownership of such businesses be enhanced.

*No neighborhood-serving retail use would be displaced and the wireless communications network will enhance personal communication services.*

- B. That existing housing and neighborhood character be conserved and protected in order to preserve the cultural and economic diversity of our neighborhoods.

*No residential uses would be displaced or altered in any way by the granting of this authorization.*

- C. That the City's supply of affordable housing be preserved and enhanced.

*The project would have no adverse impact on housing in the vicinity.*

- D. That commuter traffic not impede MUNI transit service or overburden our streets or neighborhood parking;

*Due to the nature of the project and minimal maintenance or repair, municipal transit service would not be impeded and neighborhood parking would not be overburdened.*

- E. That a diverse economic base be maintained by protecting our industrial and service sectors from displacement due to commercial office development, and that future opportunities for resident employment and ownership in these sectors be enhanced.

*The project would cause no displacement of industrial and service sector activity.*

- F. That the City achieve the greatest possible preparedness to protect against injury and loss of life in an earthquake.

*Compliance with applicable structural safety and seismic safety requirements would be considered during the building permit application review process.*

- G. That landmarks and historic buildings be preserved.

*The site contains a medical services/hospital building constructed in approximately 1970.*

- H. That our parks and open space and their access to sunlight and vistas be protected from development.

*The project will have no adverse effect on parks or open space, or their access to sunlight or vistas.*

18. The Project is consistent with and would promote the general and specific purposes of the Code provided under Section 101.1(b) in that, as designed, the Project would contribute to the character and stability of the neighborhood and would constitute a beneficial development.
19. The Commission hereby finds that approval of the Determination of Compliance authorization would promote the health, safety and welfare of the City.



Motion No. 18415  
Hearing Date: July 28, 2011

CASE NO. 2010.0951C  
4141 Geary Blvd./450-6<sup>th</sup> Avenue

### DECISION

The Commission, after carefully balancing the competing public and private interests, and based upon the Recitals and Findings set forth above, in accordance with the standards specified in the Code, hereby approves the Conditional Use authorization under Planning Code Sections 209.6(b) and 303 to install up to nine panel antennas flush mounted to an existing penthouse and screened from view, and associated equipment cabinets on the roof of a five-story health services/hospital as part of a wireless transmission network operated by Verizon Wireless on a Location Preference One (Preferred Location – Publicly-used structure) according to the *Wireless Telecommunications Services (WTS) Siting Guidelines*, within the RM-1 (Mixed, Low Density) and NC-3 (Neighborhood Commercial, Moderate Scale) Zoning Districts, and a 80-E Height and Bulk District, and subject to the conditions of approval attached hereto as Exhibit A.

**APPEAL AND EFFECTIVE DATE OF MOTION:** Any aggrieved person may appeal this conditional use authorization to the Board of Supervisors within thirty (30) days after the date of this Motion No. 18415. The effective date of this Motion shall be the date of this Motion if not appealed (after the 30-day period has expired) OR the date of the decision of the Board of Supervisors if appealed to the Board of Supervisors. For further information, please contact the Board of Supervisors at (415) 554-5184, City Hall, Room 244, 1 Dr. Carlton B. Goodlett Place, San Francisco, CA 94102.

I hereby certify that the foregoing Motion was adopted by the Planning Commission on July 28, 2011.

---

Linda Avery  
Commission Secretary

AYES: Commissioners Olague, Miguel, Antonini, Moore and Sugaya

NAYS: None

ABSENT: Commissioners Borden and Fong

ADOPTED: July 28, 2011

## EXHIBIT A

### AUTHORIZATION

This approval is for Conditional Use authorization under Planning Code Sections 209.6(b) and 303 to install a wireless telecommunications facility consisting of nine panel antennas with related equipment, a Location Preference 1 (Preferred Location - Publicly Use Structure) according to the Wireless Telecommunications Services (WTS) Siting Guidelines, as part of Verizon's wireless telecommunications network within the RM-1 (Mixed, Low Density) and NC-3 (Neighborhood Commercial, Moderate Scale) Zoning Districts, and a 80-E Height and Bulk District.

### RECORDATION OF CONDITIONS OF APPROVAL

Prior to the issuance of the building permit or commencement of use for the Project the Zoning Administrator shall approve and order the recordation of a Notice in the Official Records of the Recorder of the City and County of San Francisco for the subject property. This Notice shall state that the project is subject to the conditions of approval contained herein and reviewed and approved by the Planning Commission on July 28, 2011 under Motion No. 18415.

### PRINTING OF CONDITIONS OF APPROVAL ON PLANS

The conditions of approval under the 'Exhibit A' of this Planning Commission Motion No. 18415 shall be reproduced on the Index Sheet of construction plans submitted with the Site or Building permit application for the Project. The Index Sheet of the construction plans shall reference to the Conditional Use authorization and any subsequent amendments or modifications.

### SEVERABILITY

The Project shall comply with all applicable City codes and requirements. If any clause, sentence, section or any part of these conditions of approval is for any reason held to be invalid, such invalidity shall not affect or impair other remaining clauses, sentences, or sections of these conditions. This decision conveys no right to construct, or to receive a building permit. "Project Sponsor" shall include any subsequent responsible party.

### CHANGES AND MODIFICATIONS

Changes to the approved plans may be approved administratively by the Zoning Administrator. Significant changes and modifications of conditions shall require Planning Commission approval of a new Conditional Use authorization.

## Conditions of Approval, Compliance, Monitoring, and Reporting PERFORMANCE

1. **Validity and Expiration.** The authorization and right vested by virtue of this action is valid for three years from the effective date of the Motion. A building permit from the Department of Building Inspection to construct the project and/or commence the approved use must be issued as this Conditional Use authorization is only an approval of the proposed project and conveys no independent right to construct the project or to commence the approved use. The Planning Commission may, in a public hearing, consider the revocation of the approvals granted if a site or building permit has not been obtained within three (3) years of the date of the Motion approving the Project. Once a site or building permit has been issued, construction must commence within the timeframe required by the Department of Building Inspection and be continued diligently to completion. The Commission may also consider revoking the approvals if a permit for the Project has been issued but is allowed to expire and more than three (3) years have passed since the Motion was approved.

*For information about compliance, contact Code Enforcement, Planning Department at 415-575-6863, [www.sfplanning.org](http://www.sfplanning.org).*

2. **Extension.** This authorization may be extended at the discretion of the Zoning Administrator only where failure to issue a permit by the Department of Building Inspection to perform said tenant improvements is caused by a delay by a local, State or Federal agency or by any appeal of the issuance of such permit(s).

*For information about compliance, contact Code Enforcement, Planning Department at 415-575-6863, [www.sfplanning.org](http://www.sfplanning.org).*

## DESIGN – COMPLIANCE AT PLAN STAGE

3. **Plan Drawings - WTS.** Prior to the issuance of any building or electrical permits for the installation of the facilities, the Project Sponsor shall submit final scaled drawings for review and approval by the Planning Department ("Plan Drawings"). The Plan Drawings shall describe:
  - a. **Structure and Siting.** Identify all facility related support and protection measures to be installed. This includes, but is not limited to, the location(s) and method(s) of placement, support, protection, screening, paint and/or other treatments of the antennas and other appurtenances to insure public safety, insure compatibility with urban design, architectural and historic preservation principles, and harmony with neighborhood character.
  - b. **For the Project Site, regardless of the ownership of the existing facilities.** Identify the location of all existing antennas and facilities; and identify the location of all approved (but not installed) antennas and facilities.
  - c. **Emissions.** Provide a report, subject to approval of the Zoning Administrator, that operation of the facilities in addition to ambient RF emission levels will not exceed adopted FCC standards with regard to human exposure in uncontrolled areas.

*For information about compliance, contact the Case Planner, Planning Department at 415-558-6613, [www.sfplanning.org](http://www.sfplanning.org).*

4. Screening - WTS. To the extent necessary for information about compliance with adopted FCC regulations regarding human exposure to RF emissions, and upon the recommendation of the Zoning Administrator, the Project Sponsor shall:
- Modify the placement of the facilities;
  - Install fencing, barriers or other appropriate structures or devices to restrict access to the facilities;
  - Install multi-lingual signage, including the RF radiation hazard warning symbol identified in ANSI C95.2 1982, to notify persons that the facility could cause exposure to RF emissions;
  - Implement any other practice reasonably necessary to ensure that the facility is operated in compliance with adopted FCC RF emission standards.
  - To the extent necessary to minimize visual obtrusion and clutter, installations shall conform to the following standards:
  - Antennas and back up equipment shall be painted, fenced, landscaped or otherwise treated architecturally so as to minimize visual effects;
  - Rooftop installations shall be setback such that back up facilities are not viewed from the street;
  - Antennae attached to building facades shall be so placed, screened or otherwise treated to minimize any negative visual impact; and
  - Although co location of various companies' facilities may be desirable, a maximum number of antennas and back up facilities on the Project Site shall be established, on a case by case basis, such that "antennae farms" or similar visual intrusions for the site and area is not created.

*For information about compliance, contact the Case Planner, Planning Department at 415-558-6613, [www.sf-planning.org](http://www.sf-planning.org).*

#### MONITORING - AFTER ENTITLEMENT

5. Enforcement. Violation of any of the Planning Department conditions of approval contained in this Motion or of any other provisions of Planning Code applicable to this Project shall be subject to the enforcement procedures and administrative penalties set forth under Planning Code Section 176 or Section 176.1. The Planning Department may also refer the violation complaints to other city departments and agencies for appropriate enforcement action under their jurisdiction.

*For information about compliance, contact Code Enforcement, Planning Department at 415-575-6863, [www.sf-planning.org](http://www.sf-planning.org).*

6. Monitoring. The Project requires monitoring of the conditions of approval in this Motion. The Project Sponsor or the subsequent responsible parties for the Project shall pay fees as established under Planning Code Section 351(e) (1) and work with the Planning Department for information about compliance.

*For information about compliance, contact Code Enforcement, Planning Department at 415-575-6863, [www.sf-planning.org](http://www.sf-planning.org).*

7. **Revocation due to Violation of Conditions.** Should implementation of this Project result in complaints from interested property owners, residents, or commercial lessees which are not resolved by the Project Sponsor and found to be in violation of the Planning Code and/or the specific Conditions of Approval for the Project as set forth in Exhibit A of this Motion, the Zoning Administrator shall refer such complaints to the Commission, after which it may hold a public hearing on the matter to consider revocation of this authorization.

*For information about compliance, contact Code Enforcement, Planning Department at 415-575-6863, [www.sf-planning.org](http://www.sf-planning.org).*

8. **Implementation and Monitoring Costs - WTS.**

- a. The Project Sponsor, on an equitable basis with other WTS providers, shall pay the cost of preparing and adopting appropriate General Plan policies related to the placement of WTS facilities. Should future legislation be enacted to provide for cost recovery for planning, the Project Sponsor shall be bound by such legislation.
- b. The Project Sponsor or its successors shall be responsible for the payment of all reasonable costs associated with the monitoring of the conditions of approval contained in this authorization, including costs incurred by this Department, the Department of Public Health, the Department of Electricity and Telecommunications, Office of the City Attorney, or any other appropriate City Department or agency pursuant to Planning Code Section 351(f) (2). The Planning Department shall collect such costs on behalf of the City.
- c. The Project Sponsor shall be responsible for the payment of all fees associated with the installation of the subject facility, which are assessed by the City pursuant to all applicable law.

*For information about compliance, contact Code Enforcement, Planning Department at 415-575-6863, [www.sf-planning.org](http://www.sf-planning.org).*

9. **Implementation and Monitoring - WTS.** In the event that the Project implementation report includes a finding that RF emissions for the site exceed FCC Standards in any uncontrolled location, the Zoning Administrator may require the Applicant to immediately cease and desist operation of the facility until such time that the violation is corrected to the satisfaction of the Zoning Administrator.

*For information about compliance, contact Code Enforcement, Planning Department at 415-575-6863, [www.sf-planning.org](http://www.sf-planning.org).*

10. **Project Implementation Report - WTS.** The Project Sponsor shall prepare and submit to the Zoning Administrator a Project Implementation Report. The Project Implementation Report shall:

- a. Identify the three dimensional perimeter closest to the facility at which adopted FCC standards for human exposure to RF emissions in uncontrolled areas are satisfied;
- b. Document testing that demonstrates that the facility will not cause any potential exposure to RF emissions that exceed adopted FCC emission standards for human exposure in uncontrolled areas.
- c. The Project Implementation Report shall compare test results for each test point with applicable FCC standards. Testing shall be conducted in compliance with FCC

regulations governing the measurement of RF emissions and shall be conducted during normal business hours on a non holiday weekday with the subject equipment measured while operating at maximum power.

- d. Testing, Monitoring, and Preparation. The Project Implementation Report shall be prepared by a certified professional engineer or other technical expert approved by the Department. At the sole option of the Department, the Department (or its agents) may monitor the performance of testing required for preparation of the Project Implementation Report. The cost of such monitoring shall be borne by the Project Sponsor pursuant to the condition related to the payment of the City's reasonable costs.
  - i. Notification and Testing. The Project Implementation Report shall set forth the testing and measurements undertaken pursuant to Conditions 2 and 4.
  - ii. Approval. The Zoning Administrator shall request that the Certification of Final Completion for operation of the facility not be issued by the Department of Building Inspection until such time that the Project Implementation Report is approved by the Department for compliance with these conditions.

*For information about compliance, contact the Environmental Health Section, Department of Public Health at (415) 252-3800, [www.sfdph.org](http://www.sfdph.org).*

11. Notification prior to Project Implementation Report - WTS. The Project Sponsor shall undertake to inform and perform appropriate tests for residents of any dwelling units located within 25 feet of the transmitting antenna at the time of testing for the Project Implementation Report.
  - a. At least twenty calendar days prior to conducting the testing required for preparation of the Project Implementation Report, the Project Sponsor shall mail notice to the Department, as well as to the resident of any legal dwelling unit within 25 feet of a transmitting antenna of the date on which testing will be conducted. The Applicant will submit a written affidavit attesting to this mail notice along with the mailing list.
  - b. When requested in advance by a resident notified of testing pursuant to subsection (a), the Project Sponsor shall conduct testing of total power density of RF emissions within the residence of that resident on the date on which the testing is conducted for the Project Implementation Report.

*For information about compliance, contact Code Enforcement, Planning Department at 415-575-6863, [www.sf-planning.org](http://www.sf-planning.org)*

12. Installation - WTS. Within 10 days of the installation and operation of the facilities, the Project Sponsor shall confirm in writing to the Zoning Administrator that the facilities are being maintained and operated in compliance with applicable Building, Electrical and other Code requirements, as well as applicable FCC emissions standards.

*For information about compliance, contact Code Enforcement, Planning Department at 415-575-6863, [www.sf-planning.org](http://www.sf-planning.org)*

13. Periodic Safety Monitoring - WTS. The Project Sponsor shall submit to the Zoning Administrator 10 days after installation of the facilities, and every two years thereafter, a certification attested to by a licensed engineer expert in the field of EMR/RF emissions, that the facilities are and have been operated within the then current applicable FCC standards for RF/EMF emissions.

*For information about compliance, contact the Environmental Health Section, Department of Public Health at (415) 252-3800, [www.sfdph.org](http://www.sfdph.org).*

## OPERATION

14. **Community Liaison.** Prior to issuance of a building permit application to construct the project and implement the approved use, the Project Sponsor shall appoint a community liaison officer to deal with the issues of concern to owners and occupants of nearby properties. The Project Sponsor shall provide the Zoning Administrator written notice of the name, business address, and telephone number of the community liaison. Should the contact information change, the Zoning Administrator shall be made aware of such change. The community liaison shall report to the Zoning Administrator what issues, if any, are of concern to the community and what issues have not been resolved by the Project Sponsor.

*For information about compliance, contact Code Enforcement, Planning Department at 415-575-6863; [www.sfplanning.org](http://www.sfplanning.org)*

15. **Out of Service – WTS.** The Project Sponsor or Property Owner shall remove antennae and equipment that has been out of service or otherwise abandoned for a continuous period of six months.

*For information about compliance, contact Code Enforcement, Planning Department at 415-575-6863, [www.sfplanning.org](http://www.sfplanning.org)*

16. **Emissions Conditions – WTS.** It is a continuing condition of this authorization that the facilities be operated in such a manner so as not to contribute to ambient RF/EMF emissions in excess of then current FCC adopted RF/EMF emission standards; violation of this condition shall be grounds for revocation.

*For information about compliance, contact the Environmental Health Section, Department of Public Health at (415) 252-3800, [www.sfdph.org](http://www.sfdph.org).*

17. **Noise and Heat – WTS.** The WTS facility, including power source and cooling facility, shall be operated at all times within the limits of the San Francisco Noise Control Ordinance. The WTS facility, including power source and any heating/cooling facility, shall not be operated so as to cause the generation of heat that adversely affects a building occupant.

*For information about compliance, contact the Environmental Health Section, Department of Public Health at (415) 252-3800, [www.sfdph.org](http://www.sfdph.org).*

18. **Transfer of Operation – WTS.** Any carrier/provider authorized by the Zoning Administrator or by the Planning Commission to operate a specific WTS installation may assign the operation of the facility to another carrier licensed by the FCC for that radio frequency provided that such transfer is made known to the Zoning Administrator in advance of such operation, and all conditions of approval for the subject installation are carried out by the new carrier/provider.

*For information about compliance, contact Code Enforcement, Planning Department at 415-575-6863, [www.sfplanning.org](http://www.sfplanning.org)*

19. Compatibility with City Emergency Services – WTS. The facility shall not be operated or caused to transmit on or adjacent to any radio frequencies licensed to the City for emergency telecommunication services such that the City's emergency telecommunications system experiences interference, unless prior approval for such has been granted in writing by the City.

*For information about compliance, contact the Department of Technology, 415-581-4000, <http://sfgov3.org/index.aspx?page=1421>*

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# SAN FRANCISCO PLANNING DEPARTMENT

## NEIGHBORHOOD ORGANIZATION FEE WAIVER REQUEST FORM

Appeals to the Board of Supervisors

1650 Mission St.  
Suite 400  
San Francisco,  
CA 94103-2479

Reception:  
415.558.6378

Fax:  
415.558.6409

Planning  
Information:  
415.558.6377

*This form is to be used by neighborhood organizations to request a fee waiver for CEQA and conditional use appeals to the Board of Supervisors.*

Should a fee waiver be sought, an appellant must present this form to the Clerk of the Board of Supervisors or to Planning Information Counter (PIC) at the ground level of 1660 Mission Street along with relevant supporting materials identified below. Planning staff will review the form and may sign it 'over-the-counter' or may accept the form for further review.

Should a fee waiver be granted, the Planning Department would not deposit the check, which was required to file the appeal with the Clerk of the Board of Supervisors. The Planning Department will return the check to the appellant.

### TYPE OF APPEAL FOR WHICH FEE WAIVER IS SOUGHT

[Check only one and attach decision document to this form]

- ☒ Conditional Use Authorization Appeals to the Board of Supervisors
- ☐ Environmental Determination Appeals to the Board of Supervisors (including EIR's, NegDec's, and CatEx's, GREs)

### REQUIRED CRITERIA FOR GRANTING OF WAIVER

[All criteria must be satisfied. Please check all that apply and attach supporting materials to this form]

- ☐ The appellant is a member of the stated neighborhood organization and is authorized to file the appeal on behalf of that organization. Authorization may take the form of a letter signed by the president or other officer of an organization.
- ☒ The appellant is appealing on behalf of a neighborhood organization which is registered with the Planning Department and which appears on the Department's current list of neighborhood organizations.
- ☒ The appellant is appealing on behalf of a neighborhood organization, which was in existence at least 24 months prior to the submittal of the fee waiver request. Existence may be established by evidence including that relating to the organization's activities at that time such as meeting minutes, resolutions, publications, and rosters.
- ☐ The appellant is appealing on behalf of a neighborhood organization, which is affected by the project, which is the subject of the appeal.

APPELLANT & PROJECT INFORMATION [to be completed by applicant]	
Name of Applicant: <u>Jacquelyn Coo</u>	Address of Project: <u>4141 Geary Blvd</u>
Neighborhood Organization: <u>SF Tomorrow</u>	Planning Case No: <u>2010.0951C</u>
Applicant's Address: <u>775 JMWBL SF 94118</u>	Building Permit No: <u>motion #18415</u>
Applicant's Daytime Phone No: <u>415.386.0184</u>	Date of Decision: <u>7/28/2011</u>
Applicant's Email Address: <u>info@angelaschilddancecenter.com</u>	

### DCP STAFF USE ONLY

- ☐ Appellant authorization
- ☐ Current organization registration
- ☐ Minimum organization age
- ☐ Project impact on organization

Planner's Name: \_\_\_\_\_

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

Planner's Signature: \_\_\_\_\_

☒ **WAIVER APPROVED**

☐ **WAIVER DENIED**



## ***San Francisco Tomorrow***

*Since 1970, Working to Protect the Urban Environment*

August 29, 2011

John Rahaim  
Director of City Planning  
1650 Mission St., Ste. 400  
San Francisco, CA 94103

**RE: Request for Fee Waiver as a neighborhood organization**

Dear Director Rahaim,

I am writing this letter to confirm that San Francisco Tomorrow (SFT) is a neighborhood organization according to the definition specified by your department. Our organization was established in 1971 to protect and preserve San Francisco's neighborhoods, and have frequently acted in that role. We have been listed on the Planning Department's list of neighborhood organizations for many years.

In the matter of the appeal of the Conditional Use of Verizon antennas at Kaiser Permanente SF at 498 6th Ave (No: 2010.0951C), I have authorized Jacquelyn and Sophia Coe, as well as Sandra Fenn, to represent our organization.

Sincerely,

Jennifer Clary  
President

***Will you want to live in San Francisco – tomorrow?***

44 Woodland Ave, San Francisco, CA 94117

(415) 566-7050



# SAN FRANCISCO PLANNING DEPARTMENT

**MEMO**

## Conditional Use Authorization Appeal

**4141 Geary Boulevard/450 – 6<sup>th</sup> Avenue**

**DATE:** September 16, 2011  
**TO:** Angela Calvillo, Clerk of the Board of Supervisors  
**FROM:** John Rahaim, Planning Director – Planning Department (415) 558-6411  
Sara Vellve, Case Planner – Planning Department (415) 558-6263  
**RE:** File No. 110950 Planning Case No. 2010.0951C –  
Appeal of approval of Conditional Use authorization for 4141 Geary Boulevard/  
450 – 6<sup>th</sup> Avenue

1650 Mission St.  
Suite 400  
San Francisco,  
CA 94103-2479

Reception:  
**415.558.6378**

Fax:  
**415.558.6409**

Planning  
Information:  
**415.558.6377**

**HEARING DATE:** September 27, 2011

**ATTACHMENTS:**

- A. Commission Packet (including final motion No. 18415)
- B. Appeal Letter (August 29, 2011)

**PROJECT SPONSOR:** Gabriella Barr, OnAir, LLC for Verizon Wireless, 9210 Zayante Drive, Felton,  
95018

**APPELLANT:** Sandra Fen Ng, 775 – 7<sup>th</sup> Avenue, San Francisco, CA 94118

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BY [signature]

**INTRODUCTION:**

This memorandum and the attached documents are a response to the letter of appeal to the Board of Supervisors (the "Board") regarding the Planning Commission's ("Commission") July 28, 2011 approval of the application for Conditional Use Authorization under Planning Code Sections 303 (Conditional Use Authorization) and 209.6(b) (Public Facilities and Utilities) to locate up to nine wireless telecommunication panel antennas on the mechanical penthouse of a medical office building operated by Kaiser Permanente. The subject building is located on 6<sup>th</sup> Avenue midway between Geary Boulevard and Anza Street within the NC-3 (Moderate Scale, Neighborhood Commercial) district, and a 80-E Height and Bulk District.

This response addresses the appeal ("Appeal Letter") to the Board filed on August 29, 2011 by Sandra Fen Ng, 775 – 7<sup>th</sup> Avenue, San Francisco, CA 94118. The Appeal Letter referenced the proposed project in Case No. 2010.0951C.

The decision before the Board is whether to uphold or overturn the Planning Commission's approval of Conditional Use Authorization to allow Verizon Wireless to establish a wireless telecommunications facility at the site by attaching up to nine panel antennas to the north, east and south sides of an existing mechanical penthouse at a height of approximately 85 feet from grade.

Memo

#### SITE DESCRIPTION & PRESENT USE:

The subject site is zoned RM-1 (Mixed, Low Density) and NC-3 (Neighborhood Commercial, Moderate Scale). The RM-1 District (south portion of subject lot where buildings front 6<sup>th</sup> Avenue) is characterized in the Planning Code as containing a mixture of dwelling types and a significant number of apartment buildings that broaden the range of unit sizes and variety of structures, but with an overall low density and moderately scaled buildings with neighborhood services and transit lines located within close proximity. The NC-3 District (north portion of lot fronting Geary Boulevard) is characterized in the Planning Code as containing a wide variety of comparison and specialty goods and services to a population greater than the immediate neighborhood in a linear commercial street stretching for many blocks.

The approximately 100,600 square foot site is developed as Kaiser Hospital's French Campus and consists of approximately four buildings in the block bounded by Geary Boulevard to the north, 6<sup>th</sup> Avenue to the west, Anza Street to the south and 5<sup>th</sup> Avenue to the west. The subject building where the proposed antennas would be located is five stories tall (plus a mechanical penthouse) and is located mid-block fronting 6<sup>th</sup> Avenue. The subject structure was constructed in approximately 1970.

#### SURROUNDING PROPERTIES AND NEIGHBORHOOD:

The entire block is developed with buildings generally used by Kaiser Permanente for its medical and health services, and operations. Lots across 6<sup>th</sup> Avenue from the subject site generally consist of single-to-multi-family buildings between Geary Boulevard and Anza Street. The building at the northeast corner of the intersection of 6<sup>th</sup> Avenue and Anza Street is leased to the University of San Francisco for student housing. The Richmond District Police Station is located directly across 6<sup>th</sup> Avenue from the subject building.

#### PROJECT DESCRIPTION:

Verizon Wireless proposes to install nine panel antennas, two GPS antennas, and associated equipment cabinets as part of their wireless transmission network. According to the *Wireless Telecommunications Services (WTS) Siting Guidelines*, the property is a Location Preference 1 (Publicly-used structure) as the site is developed with a medical office/hospital owned and operated by Kaiser Permanente. The nine panel antennas would be flush-mounted in groups of three on the north, east and south sides of an existing penthouse at a height of approximately 85 feet and no higher than the penthouse roof. In order to improve the visual quality of the site, all antennas will be screened from view by synthetic material that is RF (Radio Frequency) Transparent, which allows transmission to occur even though the antennas are obscured. The maximum dimension for the proposed antennas would be approximately 4 feet tall, 1 foot wide and 3 to 7 inches deep. The proposed WTS site also includes the installation of associated mechanical equipment which will be located on the roof of the five-story building immediately to the north of the penthouse and set back from the 6<sup>th</sup> Avenue property line by approximately 30 feet.

#### BACKGROUND:

*2010 – Conditional Use Authorization Application filed*

On October 19, 2010, Gabriella Bar of OnAir, LLC filed a Conditional Use application with the Planning Department on behalf of Verizon Wireless.

*2011 – Conditional Use Authorization hearing*

On July 28, 2011, the Commission adopted Motion No. 18415, approving Conditional Use Authorization allowing Verizon Wireless to locate up to nine panel antennas on the mechanical penthouse of a Kaiser Permanente medical office building per Planning Code Sections 303 and 209.6(b) at a duly noticed public hearing at a regularly scheduled meeting on Conditional Use Application No. 2010.0951C.

**CONDITIONAL USE AUTHORIZATION REQUIREMENTS:**

The Planning Commission must refer to the criteria outlined in Section 303 (Conditional Use) of the Planning Code. Section 303 states that the following must be met in order for the Commission to grant approval of an application:

1. That the proposed use or feature, at the size and intensity contemplated and at the proposed location, will provide a development that is necessary or desirable for, and compatible with, the neighborhood or the community; and
2. That such use or feature as proposed will not be detrimental to the health, safety, convenience or general welfare of persons residing or working in the vicinity, or injurious to property, improvements or potential development in the vicinity, with respect to aspects including but not limited to the following:
  - a. The nature of the proposed site, including its size and shape, and the proposed size, shape and arrangement of structures;
  - b. The accessibility and traffic patterns for persons and vehicles, the type and volume of such traffic, and the adequacy of proposed off-street parking and loading and of proposed alternatives to off-street parking, including provisions of car-share parking spaces, as defined in Section 166 of this Code.
  - c. The safeguards afforded to prevent noxious or offensive emissions such as noise, glare, dust and odor;
  - d. Treatment given, as appropriate, to such aspects as landscaping, screening, open spaces, parking and loading areas, service areas, lighting and signs; and
  - e. That such use or feature as proposed will comply with the applicable provisions of this Code and will not adversely affect the Master Plan.

**APPELLANT ISSUES AND PLANNING DEPARTMENT RESPONSES:**

The concerns raised in the Appeal Letter are cited in a summary below and are followed by the Department's response:

**ISSUE #1 – THE PROJECT DOES NOT MEET THE CRITERIA FOR NECESSITY, DESIREABILITY OR COMPATABILITY:** The Appellant contends that survey data and comment from residents within a 300 – 500 foot radius of the site supports the appeal.

**RESPONSE #1:** The Appellant's *Statement of Appeal* is one sentence long and only states that "Motion Number 18415 is not desirable and not compatible with the neighborhood". In fact, Motion No. 18415 did indeed find that the project was necessary and desirable and compatible with the community or neighborhood. Specifically, the Motion states:

- "The proposed project at 4141 Geary Blvd./450 – 6th Avenue is necessary in order to achieve sufficient street, in-transit and in-building mobile phone coverage."
- The proposed project at 4141 Geary Blvd./450 – 6th Avenue will be generally desirable and compatible with the surrounding neighborhood because the project will not conflict with the existing uses of the property and will be of such size and nature to be compatible with the surrounding nature of the vicinity.

The appellant has not submitted any new information since the Planning Commission hearing. Therefore the Department is providing the Board with the materials the Commission used to make their decision (See Attached Executive Summary) and the Commission's Motion on the project recording their final action (See Attached Motion 18415). The Commission's Motion 18415 includes Findings pursuant to Planning Code Section 303 regarding the project's necessity, desirability and consistency with the General Plan and neighborhood. Should the Appellant provide additional information the future, the Planning Department will review it and respond as appropriate.

#### CONCLUSION:

In the Commission's authorization of the Conditional Use, the project was found to be necessary and desirable to augment Verizon's existing coverage and capacity for its voice and data services. In the Commission's authorization of the Conditional Use, the project was found to be visually compatible with the neighborhood as the antennas are screened from view and at a height of approximately 85 feet above grade.

For the reasons stated above, the Planning Department recommends that the Board uphold the Planning Commission's decision in approving the Conditional Use authorization for 4141 Geary Boulevard/450 – 6<sup>th</sup> Avenue and deny the Appellant's request for appeal.

BOARD of SUPERVISORS



City Hall  
1 Dr. Carlton B. Goodlett Place, Room 244  
San Francisco 94102-4689  
Tel No. 554-5184  
Fax No. 554-5163  
TDD/TTY No. 544-5227

August 31, 2011

John Rahaim, Director  
Planning Department  
1650 Mission Street, Suite 400  
San Francisco, CA 94103

File No. 110950, Planning Case No. 2010.0951C  
4141 Geary Boulevard/450 - 6<sup>th</sup> Avenue Conditional Use Appeal

Dear Director Rahaim:

This office is in receipt of an appeal filed by Sandra Fen Ng, on behalf of the San Francisco Tomorrow from the decision of the Planning Commission by its Motion No. 18415 dated July 28, 2011, approving a Conditional Use Authorization identified as Planning Case No. 2010.0951C, under Planning Code Sections 209.6(b) and 303 to install a wireless telecommunications facility consisting of nine (9) panel antennas and related equipment on an existing mechanical penthouse on the roof of a five-story publicly used structure (Kaiser Hospital) as part of Verizon's wireless telecommunications network within the RM-1 (Mixed, Low Density) and NC-3 (Neighborhood Commercial, Moderate Scale) Zoning Districts, and a 80-E Height and Bulk District, on property located at:

4141 Geary Boulevard/450 - 6<sup>th</sup> Avenue, Assessor's Block No. 1539, Lot No. 003.

Pursuant to Ordinance No. 121-01, Supervisors Eric Mar, John Avalos, David Chiu, Jane Kim, and Ross Mirkarimi, subscribed to this conditional use appeal as an alternative to obtaining the signatures of 20% of the property owners within 300 feet of the subject property.

A hearing date has been scheduled on **Tuesday, September 27, 2011, at 4:00 p.m.**, at the Board of Supervisors meeting to be held in City Hall, tentatively in Room 416, 4<sup>th</sup> Floor, at 1 Dr. Carlton B. Goodlett Place, San Francisco, CA 94102.

Sincerely,

A handwritten signature in black ink, appearing to read "Angela Calvillo".

Angela Calvillo  
Clerk of the Board

c:

Appellant, Sandra Fen Ng, 775 - 7<sup>th</sup> Avenue, San Francisco, CA 94118  
Property Owner, Kaiser Foundation Hospitals, 1800 Harrison Street, 6<sup>th</sup> Floor, Oakland, CA 94612, w/ copy of appeal  
Project Sponsor, Gabriella Barr for Verizon Wireless, 9210 Zayante Drive, Felton, CA 95018, w/ copy of appeal  
Scott Sanchez, Zoning Administrator, Planning Department, w/ copy of appeal  
AnMarie Rodgers, Planning Department, w/ copy of appeal  
Tina Tam, Planning Department, w/ copy of appeal  
Nannie Turrell, Planning Department, w/ copy of appeal  
Linda Avery, Planning Department, w/ copy of appeal  
Sara Vellve, Planning Department, w/ copy of appeal  
Cheryl Adams, Deputy City Attorney, w/ copy of appeal  
Kate Stacy, Deputy City Attorney, w/ copy of appeal  
Marlena Byrne, Deputy City Attorney, w/ copy of appeal

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n of the City

The property is located at 4141 Geary Blvd

August 26<sup>th</sup>, 2011  
Appeal Filing Date

\_\_\_\_\_ The Planning Commission disapproved in whole or in part an application for conditional use authorization, Case No. \_\_\_\_\_



Statement of Appeal:

- a) Set forth the part(s) of the decision the appeal is taken from:

This motion #18415 is not necessary, not desirable, and not compatible with our neighborhood.

- b) Set forth the reasons in support of your appeal:

survey data and support from residents within 300-500 sq ft radius.

Person to Whom  
Notices Shall Be Mailed

Name and Address of Person Filing Appeal:

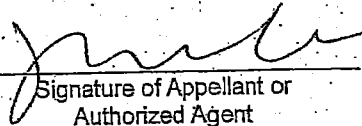
Jacquelyn Coo / Sandra Feng Ng Sandra Fen Ng  
Name Name

775 7th Ave, SF 94118  
Address

775 7th Ave, SF 94118  
Address

415/386.0184  
Telephone Number

415/386.0184  
Telephone Number

  
Signature of Appellant or  
Authorized Agent

Pursuant to Planning Code Section 308.1(b), the undersigned members of the Board of Supervisors believe that there is sufficient public interest and concern to warrant an appeal of the Planning Commission on Case No. 2010-0951 C, a conditional use authorization regarding (address) 4141 Geary Blvd / 410 - 6th Avenue, District     . The undersigned members respectfully request the Clerk of the Board to calendar this item at the soonest possible date.

SIGNATURE

DATE

<u>[Signature]</u>	<u>8-18-11</u>
<u>[Signature]</u>	<u>8-22-11</u>
<u>[Signature]</u>	<u>8/24/11</u>
<u>[Signature]</u>	<u>8/24/11</u>
<u>[Signature]</u>	<u>8/24/11</u>

(Attach copy of Planning Commission's Decision)



## SAN FRANCISCO PLANNING DEPARTMENT

*Subject to: (Select only if applicable)*

- |  |  |
|--|--|
| <input type="checkbox"/> Affordable Housing (Sec. 415)           | <input type="checkbox"/> First Source Hiring (Admin. Code) |
| <input type="checkbox"/> Jobs Housing Linkage Program (Sec. 413) | <input type="checkbox"/> Child Care Requirement (Sec. 414) |
| <input type="checkbox"/> Downtown Park Fee (Sec. 412)            | <input type="checkbox"/> Other                             |

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### Planning Commission Motion No. 18415

HEARING DATE: JULY 28, 2011

*Date:* July 21 2011  
*Case No.:* 2010.0951C  
*Project Address:* 4141 Geary Blvd./450 – 6<sup>th</sup> Avenue  
*Current Zoning:* RM-1 (Mixed, Low Density)  
NC-3 (Neighborhood Commercial, Moderate Scale)  
80-E Height and Bulk District  
*Block/Lot:* 1539/003  
*Project Sponsor:* Gabriella Bar for  
Verizon Wireless  
9210 Zayante Drive  
Felton, CA 95018  
*Staff Contact:* Sara Vellve – (415) 558-6263  
sara.vellve@sfgov.org  
*Recommendation:* Approval with Conditions

ADOPTING FINDINGS RELATING TO THE APPROVAL OF A CONDITIONAL USE AUTHORIZATION UNDER PLANNING CODE SECTIONS 209.6(b) AND 303 TO INSTALL A WIRELESS TELECOMMUNICATIONS FACILITY CONSISTING OF NINE (9) PANEL ANTENNAS AND RELATED EQUIPMENT ON AN EXISTING MECHANICAL PENTHOUSE ON THE ROOF OF A FIVE-STORY PUBLICALLY USED STRUCTURE (KAISER HOSPITAL) AS PART OF VERIZON'S WIRELESS TELECOMMUNICATIONS NETWORK WITHIN THE RM-1 (MIXED, LOW DENSITY) AND NC-3 (NEIGHBORHOOD COMMERCIAL, MODERATE SCALE) ZONING DISTRICTS, AND A 80-E HEIGHT AND BULK DISTRICT.

#### PREAMBLE

On October 19, 2010, Gabriella Bar, as representative of Verizon Wireless, (hereinafter "Project Sponsor"), made an application (hereinafter "application"), for Conditional Use Authorization on the property at 4141 Geary Blvd./ 450 – 6<sup>th</sup> Avenue, Lot 003 in Assessor's Block 1539, (hereinafter "project site") to install a wireless telecommunications facility consisting of nine (9) panel antennas on an existing mechanical penthouse and related equipment on the adjacent roof of an existing five-story publicly used structure (Kaiser Hospital) as part of Verizon's wireless telecommunications network within the RM-1 (Mixed, Low Density) and NC-3 (Neighborhood Commercial, Moderate Scale) Zoning Districts, and a 80-E Height and Bulk District.

The project is exempt from the California Environmental Quality Act ("CEQA") as a Class 3 categorical exemption. The Commission has reviewed and concurs with said determination. The categorical exemption and all pertinent documents may be found in the files of the Planning Department (hereinafter "Department"), as the custodian of records, at 1650 Mission Street, San Francisco.

On July 28, 2011, the San Francisco Planning Commission (hereinafter "Commission") conducted a duly noticed public hearing at a regularly scheduled meeting on the application for a Conditional Use authorization.

The Commission has heard and considered the testimony presented to it at the public hearing and has further considered written materials and oral testimony presented on behalf of the applicant, department staff, and other interested parties.

MOVED, that the Commission hereby authorizes the Conditional Use in Application No. 2010.0951C, subject to the conditions contained in "EXHIBIT A" of this motion, based on the following findings:

#### FINDINGS

Having reviewed the materials identified in the preamble above, and having heard all testimony and arguments, this Commission finds, concludes, and determines as follows:

1. The above recitals are accurate and constitute findings of this Commission.
2. **Site Description and Present Use.** The subject site is zoned RM-1 (Mixed, Low Density) and NC (Neighborhood Commercial, Moderate Scale). The RM-1 District (south portion of subject lot where buildings front 6<sup>th</sup> Avenue) is characterized in the Planning Code as containing a mixture of dwelling types and a significant number of apartment buildings that broaden the range of unit sizes and variety of structures, but with an overall low density and moderately scaled buildings with neighborhood services and transit lines located within close proximity. The NC-3 District (north portion of lot fronting Geary Boulevard) is characterized in the Planning Code as containing a wide variety of comparison and specialty goods and services to a population greater than the immediate neighborhood in a linear commercial street stretching for many blocks.

The approximately 100,600 square foot site is developed as Kaiser Hospital's French Campus and consists of approximately four buildings in the block bounded by Geary Boulevard to the north, 6<sup>th</sup> Avenue to the west, Anza Street to the south and 5<sup>th</sup> Avenue to the west. The subject building where the proposed antennas would be located is five stories tall (plus a mechanical penthouse) and is located mid-block fronting 6<sup>th</sup> Avenue. The subject structure was constructed in approximately 1970.

3. **Surrounding Properties and Neighborhood.** The entire block is developed with buildings generally used by Kaiser Permanente for its medical and health services, and

operations. Lots across 6<sup>th</sup> Avenue from the subject site generally consist of single-to-multi family-buildings between Geary Boulevard and Anza Street. The building at the northeast corner of the intersection of 6<sup>th</sup> Avenue and Anza Street is leased to the University of San Francisco for student housing. The Richmond District Police Station is located directly across 6<sup>th</sup> Avenue from the subject building.

4. **Project Description:** Verizon Wireless proposes to install nine panel antennas, two GPS antennas, and associated equipment cabinets as part of their wireless transmission network. According to the *Wireless Telecommunications Services (WTS) Siting Guidelines*, the property is a Location Preference 1 (Publicly-used structure) as the site is developed with a medical office/hospital owned and operated by Kaiser Permanente. The nine panel antennas would be flush-mounted in groups of three on the north, east and south sides of an existing penthouse at a height of approximately 85 feet and no higher than the penthouse roof. In order to improve the visual quality of the site, all antennas will be screened from view by synthetic material that is RF (Radio Frequency) Transparent, which allows transmission to occur even though the antennas are obscured. The maximum dimension for all the proposed antennas is approximately 4 feet tall, 1 foot wide and 3 to 7 inches deep. The proposed WTS site also includes the installation of associated mechanical equipment which will be located on the roof of the five-story building immediately to the north of the penthouse and set back from the 6<sup>th</sup> Avenue property line by approximately 30 feet.
5. **Past History and Actions.** The Planning Commission established guidelines for the installation of wireless telecommunications facilities in 1996 ("*Guidelines*"). These *Guidelines* set forth the land use policies and practices that guide the installation and approval of wireless facilities throughout San Francisco. A large portion of the *Guidelines* was dedicated to establishing location preferences for these installations. The Board of Supervisors, in Resolution No. 635-96, provided input as to where wireless facilities should be located within San Francisco. The *Guidelines* were updated by the Commission in 2003, requiring community outreach, notification, and detailed information about the facilities to be installed.<sup>1</sup>

Section 8.1 of the *Guidelines* outlines Location Preferences for wireless facilities. There are five primary areas where the installation of wireless facilities should be located:

1. **Publicly-used Structures:** such facilities as fire stations, utility structures, community facilities, hospitals, health centers and other public structures;
2. **Co-Location Site:** encourages installation of facilities on buildings that already have wireless installations;
3. **Industrial or Commercial Structures:** buildings such as warehouses, factories, garages, service stations;

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<sup>1</sup> PC Resolution 16539, passed March 13, 2003.

4. Industrial or Commercial Structures: buildings such as supermarkets, retail stores, banks; and
5. Mixed Use Buildings in High Density Districts: buildings such as housing above commercial or other non-residential space.

Before the Planning Commission can review an application to install a wireless facility, the project sponsor must submit a five-year facilities plan, which must be updated biannually, an emissions report and approval by the Department of Public Health, Section 106 Declaration of Intent, a submittal checklist and details about the facilities to be installed.

Under Section 704(B)(iv) of the 1996 Federal Telecommunications Act, local jurisdictions cannot deny wireless facilities based on Radio Frequency (RF) radiation emissions so long as such facilities comply with the FCC's regulations concerning such emissions.

On July 28, 2011, the Commission conducted a duly noticed public hearing at a regularly scheduled meeting on the application for a Conditional Use authorization pursuant to Planning Code Sections 206.9(b) and 303 to install a wireless telecommunications facility consisting of nine panel antennas to be flush-mounted to an existing penthouse and related equipment on the roof of an existing five-story building as part of Verizon's wireless telecommunications network.

6. Location Preference. The *WTS Facilities Siting Guidelines* identify different types of buildings for the siting of wireless telecommunications facilities. Under the *Guidelines*, the Project is a Location Preference Number 1, as it is a preferred location for a publicly-used structure (hospital/health services).
7. Radio Waves Range. The Project Sponsor has stated that the proposed wireless network will transmit calls by radio waves operating in the 800 - 1900 Megahertz (MHZ) bands, which is regulated by the Federal Communications Commission (FCC) and which must comply with the FCC-adopted health and safety standards for electromagnetic radiation and radio frequency radiation.
8. Radiofrequency (RF) Emissions. The project sponsor retained Hammett & Edison, Inc., a radio engineering consulting firm, to prepare a report describing the expected RF emissions from the proposed facility. Pursuant to the *Guidelines*, the Department of Public Health reviewed the report and determined that the proposed facility complies with the standards set forth in the *Guidelines*.
9. Department of Public Health Review and Approval. The proposed project was referred to the Department of Public Health (DPH) for emissions-exposure analysis. Existing RF levels at ground level were less than 1% of the FCC public exposure limit. There were no other observed similar antennas within 100 feet of this site. Verizon proposes to install nine new antennas. The antennas will be flush mounted on an existing penthouse at a height of approximately 85 feet above the ground. The estimated ambient RF field from

the proposed Verizon transmitters at ground level is calculated to be 0.0013 mW/sq cm, which is 23% of the FCC public exposure limit. The three dimensional perimeter of RF levels equal to the public exposure limit extends 30 feet and does not reach the roof of the building or any publicly accessible areas. Warning signs must be posted at the antennas and roof access points in English, Spanish, and Chinese. Workers should not have access to within six feet of the front of the antennas while in operation.

10. **Maintenance Schedule.** The proposed facility would operate without on-site staff but with a maintenance crew visiting the property approximately two or three times a month and on an as-needed basis to service and monitor the facility.
11. **Community Outreach.** Per the *Guidelines*, the project sponsor held a Community Outreach Meeting for the proposed project. The meeting began at 7:00 P.M. on Thursday, April 28, 2011 at the Richmond/Senator Milton Marks Branch Library, located at 351 Ninth Avenue, San Francisco. Approximately 35 members of the public attended the meeting, with five attendees indicating their opposition to the project on the sign-in sheet.
12. **Five-year plan;** Per the *Guidelines*, the project sponsor submitted its latest five-year plan, as required, in April 2011.
13. **Public Comment.** As of July 28, 2011, the Department has received one phone call and one letter in opposition to the proposal, both expressing concerns that were health related. In addition, the Community Outreach Sign-in Sheet indicates that 5 attendees of the meeting oppose the proposal.
14. **Planning Code Compliance.** The Commission finds that the Project is consistent with the relevant provisions of the Planning Code in the following manner:
  - A. **Use.** Per Planning Code Sections 209.6(b), a Conditional Use authorization is required for the installation of wireless transmission facilities.
15. **Planning Code Section 303** establishes criteria for the Planning Commission to consider when reviewing applications for Conditional Use approval. On balance, the project does comply with said criteria in that:
  - A. The proposed new uses and building, at the size and intensity contemplated and at the proposed location, will provide a development that is necessary or desirable, and compatible with, the neighborhood or the community.
    - i. *Desirable: San Francisco is a leader of the technological economy; it is important and desirable to the vitality of the city to have and maintain adequate telecommunications coverage and data capacity. This includes the installation and upgrading of systems to keep up with changing technology and increases in usage. It is desirable for the City to allow wireless facilities to be installed.*

*The proposed project at 4141 Geary Blvd./450 - 6<sup>th</sup> Avenue will be generally desirable and compatible with the surrounding neighborhood because the project will not conflict with the existing uses of the property and will be of such size and nature to be compatible with the surrounding nature of the vicinity. The approval of this authorization has been found, first and foremost, to insure public safety, and insure that the placement of antennas and related support and protection features are so located, designed, and treated architecturally to minimize their visibility from public places, to avoid intrusion into public vistas, avoid disruption of the architectural design integrity of building and insure harmony with neighborhood character.*

- ii. Necessary: In the case of wireless installations, there are two criteria that the Commission reviews: coverage and capacity.*

*Coverage: San Francisco does have sufficient overall wireless coverage (note that this is separate from carrier service). It is necessary for San Francisco to have as much coverage as possible in terms of wireless facilities. Due to the topography and tall buildings in San Francisco, unique coverage issues arise because the hills and buildings break up coverage. Thus, telecommunication carriers often install additional installations to make sure coverage is sufficient.*

*Capacity: While a carrier may have adequate coverage in a certain area, the capacity may not be sufficient. With the continuous innovations in wireless data technology and demand placed on existing infrastructure, individual telecommunications carriers must upgrade and in some instances expand their facilities network to be able to have proper data distribution. It is necessary for San Francisco, as a leader in technology, to have adequate capacity.*

*The proposed project at 4141 Geary Blvd./450 - 6<sup>th</sup> Avenue is necessary in order to achieve sufficient street, in-transit and in-building mobile phone coverage. Recent drive tests in the subject area conducted by the Verizon Radio Frequency Engineering Team provide conclusive evidence that the subject property is the most viable location, based on factors including quality of coverage, population density, land use compatibility, zoning and aesthetics. The proposed coverage area will serve the vicinity bounded by Fulton Street, 20th Avenue, Lake Street and Arguello Boulevard, as indicated in the coverage maps. This facility will fill in the gaps to improve coverage in the Inner Richmond District as well as to provide necessary facilities for emergency transmission and improved communication for the neighborhood, community and the region.*

- B. The proposed project will not be detrimental to the health, safety, convenience or general welfare of persons residing or working in the vicinity. There are no features of the project that could be detrimental to the health, safety or convenience of those residing or working the area, in that*



Motion No. 18415  
Hearing Date: July 28, 2011

CASE NO. 2010.0951C  
4141 Geary Blvd./450-6<sup>th</sup> Avenue

- i Nature of proposed site, including its size and shape, and the proposed size, shape and arrangement of structures;

*The proposed project must comply with all applicable Federal and State regulations to safeguard the health, safety and to ensure that persons residing or working in the vicinity will not be affected, and prevent harm to other personal property.*

*The Department of Public Health conducted an evaluation of potential health effects from Radio Frequency radiation, and has concluded that the proposed wireless transmission facilities will have no adverse health effects if operated in compliance with the FCC-adopted health and safety standards. The Department has received information that the proposed wireless system must be operated so as not to interfere with radio or television reception in order to comply with the provisions of its license under the FCC.*

*The Planning Department is developing a database of all such wireless communications facilities operating or proposed for operation in the City and County of San Francisco. All applicants are now required to submit information on the location and nature of all existing and approved wireless transmission facilities operated by the Project Sponsor. The goal of this effort is to foster public information as to the location of these facilities.*

- ii The accessibility and traffic patterns for persons and vehicles, the type and volume of such traffic, and the adequacy of proposed off-street parking and loading;

*No increase in traffic volume is anticipated with the facilities operating unmanned, with a single maintenance crew visiting the site two to three times a month or on an as-needed basis.*

- iii The safeguards afforded to prevent noxious or offensive emissions such as noise, glare, dust and odor;

*While some noise and dust may result from the erection of the antennas and transceiver equipment, noise or noxious emissions from continued use are not likely to be significantly greater than ambient conditions due to the operation of the wireless communication network.*

- iv Treatment given, as appropriate, to such aspects as landscaping, screening, open spaces, parking and loading areas, service areas, lighting and signs;

*The antennas are proposed to be flush mounted to the north, east and south facades of an existing penthouse and screened from view with RF transparent material painted to match the penthouse. Mechanical equipment would be located on the fifth floor roof of subject building adjacent to the penthouse.*

- C. That the use as proposed will comply with the applicable provisions of the Planning Code and will not adversely affect the General Plan.

*The project complies with all relevant requirements and standards of the Planning Code and is consistent with objectives and policies of the General Plan as detailed below.*

- D. That the use as proposed would provide development that is in conformity with the purpose of the applicable Neighborhood Commercial District.

*The proposed project is consistent with the stated purpose of the RM-1 (Mixed, Low Density) and NC-3 (Neighborhood Commercial, Moderate Scale) Districts in that the intended use is located on an existing building at a height of approximately 85 feet from grade and designed to resemble the existing penthouse.*

16. General Plan Compliance. The Project is, on balance, consistent with the following Objectives and Policies of the General Plan

#### 2004 HOUSING ELEMENT

##### HOUSING DENSITY, DENSITY, DESIGN & QUALITY OF LIFE

OBJECTIVE 11 - IN INCREASING THE SUPPLY OF HOUSING, PURSUE PLACE MAKING AND NEIGHBORHOOD BUILDING PRINCIPLES AND PRACTICES TO MAINTAIN SAN FRANCISCO'S DESIRABLE URBAN FABRIC AND ENHANCE LIVABILITY IN ALL NEIGHBORHOODS.

POLICY 11.2 - Ensure housing is provided with adequate public improvements, services, and amenities.

*The project will improve Verizon Mobility coverage in residential, commercial and recreational areas along primary transportation routes in San Francisco.*

#### 2009 HOUSING ELEMENT

##### BALANCE HOUSING CONSTRUCTION AND COMMUNITY INFRASTRUCTURE

OBJECTIVE 12 - BALANCE HOUSING GROWTH WITH ADEQUATE INFRASTRUCTURE THAT SERVES THE CITY'S GROWING POPULATION.

POLICY 12.2 - Consider the proximity of quality of life elements, such as open space, child care, and neighborhood services, when developing new housing units.

POLICY 12.3 - Ensure new housing is sustainable, supported by the City's public infrastructure systems.

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4141 Geary Blvd./450-6<sup>th</sup> Avenue

*The project will improve Verizon Mobility coverage in residential, commercial and recreational areas along primary transportation routes in San Francisco*

#### URBAN DESIGN

#### HUMAN NEEDS

OBJECTIVE 4 - IMPROVEMENT OF THE NEIGHBORHOOD ENVIRONMENT TO INCREASE PERSONAL SAFETY, COMFORT, PRIDE AND OPPORTUNITY.

POLICY 4.14 - Remove and obscure distracting and cluttering elements.

*The project adequately "stealths" the proposed antennas and related equipment by locating the antennas within screening and the equipment on a building roof and set back from the property line.*

#### COMMERCE AND INDUSTRY ELEMENT

##### Objectives and Policies

##### OBJECTIVE 1:

MANAGE ECONOMIC GROWTH AND CHANGE TO ENSURE ENHANCEMENT OF THE TOTAL CITY LIVING AND WORKING ENVIRONMENT.

##### Policy 1:

Encourage development, which provides substantial net benefits and minimizes undesirable consequences. Discourage development, which has substantial undesirable consequences that cannot be mitigated.

##### Policy 2:

Assure that all commercial and industrial uses meet minimum, reasonable performance standards.

*The project would enhance the total city living and working environment by providing communication services for residents and workers within the City. Additionally, the project would comply with Federal, State and Local performance standards.*

##### OBJECTIVE 2:

MAINTAIN AND ENHANCE A SOUND AND DIVERSE ECONOMIC BASE AND FISCAL STRUCTURE FOR THE CITY.

##### Policy 1:

Seek to retain existing commercial and industrial activity and to attract new such activity to the city.

Policy 3:

Maintain a favorable social and cultural climate in the city in order to enhance its attractiveness as a firm location.

*The site is an integral part of a wireless communications network that will enhance the City's diverse economic base.*

OBJECTIVE 4:

IMPROVE THE VIABILITY OF EXISTING INDUSTRY IN THE CITY AND THE ATTRACTIVENESS OF THE CITY AS A LOCATION FOR NEW INDUSTRY.

Policy 1:

Maintain and enhance a favorable business climate in the City.

Policy 2:

Promote and attract those economic activities with potential benefit to the City.

*The project would benefit the City by enhancing the business climate through improved communication services for residents and workers.*

VISITOR TRADE

OBJECTIVE 8 - ENHANCE SAN FRANCISCO'S POSITION AS A NATIONAL CENTER FOR CONVENTIONS AND VISITOR TRADE.

POLICY 8.3 - Assure that areas of particular visitor attraction are provided with adequate public services for both residents and visitors.

*The project will ensure that residents and visitors have adequate public service in the form of Verizon's mobile telecommunications.*

COMMUNITY SAFETY ELEMENT

Objectives and Policies

OBJECTIVE 3:

ENSURE THE PROTECTION OF LIFE AND PROPERTY FROM THE EFFECTS OF FIRE OR NATURAL DISASTER THROUGH ADEQUATE EMERGENCY OPERATIONS PREPARATION.

Policy 1:

Maintain a local agency for the provision of emergency services to meet the needs of San Francisco.

Policy 2:

Develop and maintain viable, up-to-date in-house emergency operations plans, with necessary equipment, for operational capability of all emergency service agencies and departments.

Policy 3:

Maintain and expand agreements for emergency assistance from other jurisdictions to ensure adequate aid in time of need.

Policy 4:

Establish and maintain an adequate Emergency Operations Center.

Policy 5:

Maintain and expand the city's fire prevention and fire-fighting capability.

Policy 6:

Establish a system of emergency access routes for both emergency operations and evacuation.

*The project would enhance the ability of the City to protect both life and property from the effects of a fire or natural disaster by providing communication services.*

17. Planning Code Section 101.1(b) establishes eight priority-planning policies and requires review of permits for consistency with said policies. On balance, the project does comply with said policies in that:

- A. That existing neighborhood-serving retail uses be preserved and enhanced and future opportunities for resident employment in and ownership of such businesses be enhanced.

*No neighborhood-serving retail use would be displaced and the wireless communications network will enhance personal communication services.*

- B. That existing housing and neighborhood character be conserved and protected in order to preserve the cultural and economic diversity of our neighborhoods.

*No residential uses would be displaced or altered in any way by the granting of this authorization.*

- C. That the City's supply of affordable housing be preserved and enhanced.

*The project would have no adverse impact on housing in the vicinity.*

- D. That commuter traffic not impede MUNI transit service or overburden our streets or neighborhood parking.

*Due to the nature of the project and minimal maintenance or repair, municipal transit service would not be impeded and neighborhood parking would not be overburdened.*

- E. That a diverse economic base be maintained by protecting our industrial and service sectors from displacement due to commercial office development, and that future opportunities for resident employment and ownership in these sectors be enhanced.

*The project would cause no displacement of industrial and service sector activity.*

- F. That the City achieve the greatest possible preparedness to protect against injury and loss of life in an earthquake.

*Compliance with applicable structural safety and seismic safety requirements would be considered during the building permit application review process.*

- G. That landmarks and historic buildings be preserved.

*The site contains a medical services/hospital building constructed in approximately 1970.*

- H. That our parks and open space and their access to sunlight and vistas be protected from development.

*The project will have no adverse effect on parks or open space, or their access to sunlight or vistas.*

18. The Project is consistent with and would promote the general and specific purposes of the Code provided under Section 101.1(b) in that, as designed, the Project would contribute to the character and stability of the neighborhood and would constitute a beneficial development.

19. The Commission hereby finds that approval of the Determination of Compliance authorization would promote the health, safety and welfare of the City.

Motion No. 18415  
Hearing Date: July 28, 2011

CASE NO. 2010.0951C  
4141 Geary Blvd./450-6<sup>th</sup> Avenue

### DECISION

The Commission, after carefully balancing the competing public and private interests, and based upon the Recitals and Findings set forth above, in accordance with the standards specified in the Code, hereby approves the Conditional Use authorization under Planning Code Sections 209.6(b) and 303 to install up to nine panel antennas flush mounted to an existing penthouse and screened from view, and associated equipment cabinets on the roof of a five-story health services/hospital as part of a wireless transmission network operated by Verizon Wireless on a Location Preference One (Preferred Location – Publicly-used structure) according to the *Wireless Telecommunications Services (WTS) Siting Guidelines*, within the RM-1 (Mixed, Low Density) and NC-3 (Neighborhood Commercial, Moderate Scale) Zoning Districts, and a 80-E Height and Bulk District, and subject to the conditions of approval attached hereto as Exhibit A.

**APPEAL AND EFFECTIVE DATE OF MOTION:** Any aggrieved person may appeal this conditional use authorization to the Board of Supervisors within thirty (30) days after the date of this Motion No. 18415. The effective date of this Motion shall be the date of this Motion if not appealed (after the 30-day period has expired) OR the date of the decision of the Board of Supervisors if appealed to the Board of Supervisors. For further information, please contact the Board of Supervisors at (415) 554-5184, City Hall, Room 244, 1 Dr. Carlton B. Goodlett Place, San Francisco, CA 94102.

I hereby certify that the foregoing Motion was adopted by the Planning Commission on July 28, 2011.

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Linda Avery  
Commission Secretary

AYES: Commissioners Olague, Miguel, Antonini, Moore and Sugaya

NAYS: None

ABSENT: Commissioners Borden and Fong

ADOPTED: July 28, 2011

Motion No. 18415  
Hearing Date: July 28, 2011

CASE NO. 2010.0951C  
4141 Geary Blvd./450-6<sup>th</sup> Avenue

## EXHIBIT A

### AUTHORIZATION

This approval is for Conditional Use authorization under Planning Code Sections 209.6(b) and 303 to install a wireless telecommunications facility consisting of nine panel antennas with related equipment, a Location Preference 1 (Preferred Location - Publicly Use Structure) according to the Wireless Telecommunications Services (WTS) Siting Guidelines, as part of Verizon's wireless telecommunications network within the RM-1 (Mixed, Low Density) and NC-3 (Neighborhood Commercial, Moderate Scale) Zoning Districts, and a 80-E Height and Bulk District.

### RECORDATION OF CONDITIONS OF APPROVAL

Prior to the issuance of the building permit or commencement of use for the Project the Zoning Administrator shall approve and order the recordation of a Notice in the Official Records of the Recorder of the City and County of San Francisco for the subject property. This Notice shall state that the project is subject to the conditions of approval contained herein and reviewed and approved by the Planning Commission on July 28, 2011 under Motion No. 18415.

### PRINTING OF CONDITIONS OF APPROVAL ON PLANS

The conditions of approval under the 'Exhibit A' of this Planning Commission Motion No. 18415 shall be reproduced on the Index Sheet of construction plans submitted with the Site or Building permit application for the Project. The Index Sheet of the construction plans shall reference to the Conditional Use authorization and any subsequent amendments or modifications.

### SEVERABILITY

The Project shall comply with all applicable City codes and requirements. If any clause, sentence, section or any part of these conditions of approval is for any reason held to be invalid, such invalidity shall not affect or impair other remaining clauses, sentences, or sections of these conditions. This decision conveys no right to construct, or to receive a building permit. "Project Sponsor" shall include any subsequent responsible party.

### CHANGES AND MODIFICATIONS

Changes to the approved plans may be approved administratively by the Zoning Administrator. Significant changes and modifications of conditions shall require Planning Commission approval of a new Conditional Use authorization.



## Conditions of Approval, Compliance, Monitoring, and Reporting PERFORMANCE

1. **Validity and Expiration.** The authorization and right vested by virtue of this action is valid for three years from the effective date of the Motion. A building permit from the Department of Building Inspection to construct the project and/or commence the approved use must be issued as this Conditional Use authorization is only an approval of the proposed project and conveys no independent right to construct the project or to commence the approved use. The Planning Commission may, in a public hearing, consider the revocation of the approvals granted if a site or building permit has not been obtained within three (3) years of the date of the Motion approving the Project. Once a site or building permit has been issued, construction must commence within the timeframe required by the Department of Building Inspection and be continued diligently to completion. The Commission may also consider revoking the approvals if a permit for the Project has been issued but is allowed to expire and more than three (3) years have passed since the Motion was approved.

*For information about compliance, contact Code Enforcement, Planning Department at 415-575-6863, [www.sfplanning.org](http://www.sfplanning.org).*

2. **Extension.** This authorization may be extended at the discretion of the Zoning Administrator only where failure to issue a permit by the Department of Building Inspection to perform said tenant improvements is caused by a delay by a local, State or Federal agency or by any appeal of the issuance of such permit(s).

*For information about compliance, contact Code Enforcement, Planning Department at 415-575-6863, [www.sfplanning.org](http://www.sfplanning.org).*

## DESIGN - COMPLIANCE AT PLAN STAGE

3. **Plan Drawings - WTS.** Prior to the issuance of any building or electrical permits for the installation of the facilities, the Project Sponsor shall submit final scaled drawings for review and approval by the Planning Department ("Plan Drawings"). The Plan Drawings shall describe:
  - a. **Structure and Siting.** Identify all facility related support and protection measures to be installed. This includes, but is not limited to, the location(s) and method(s) of placement, support, protection, screening, paint and/or other treatments of the antennas and other appurtenances to insure public safety, insure compatibility with urban design, architectural and historic preservation principles, and harmony with neighborhood character.
  - b. **For the Project Site, regardless of the ownership of the existing facilities.** Identify the location of all existing antennas and facilities; and identify the location of all approved (but not installed) antennas and facilities.
  - c. **Emissions.** Provide a report, subject to approval of the Zoning Administrator, that operation of the facilities in addition to ambient RF emission levels will not exceed adopted FCC standards with regard to human exposure in uncontrolled areas.

*For information about compliance, contact the Case Planner, Planning Department at 415-558-6613, [www.sfplanning.org](http://www.sfplanning.org).*

4. Screening - WTS. To the extent necessary for information about compliance with adopted FCC regulations regarding human exposure to RF emissions, and upon the recommendation of the Zoning Administrator, the Project Sponsor shall:
  - a. Modify the placement of the facilities;
  - b. Install fencing, barriers or other appropriate structures or devices to restrict access to the facilities;
  - c. Install multi-lingual signage, including the RF radiation hazard warning symbol identified in ANSI C95.2 1982, to notify persons that the facility could cause exposure to RF emissions;
  - d. Implement any other practice reasonably necessary to ensure that the facility is operated in compliance with adopted FCC RF emission standards.
  - e. To the extent necessary to minimize visual obtrusion and clutter, installations shall conform to the following standards:
    - f. Antennas and back up equipment shall be painted, fenced, landscaped or otherwise treated architecturally so as to minimize visual effects;
    - g. Rooftop installations shall be setback such that back up facilities are not viewed from the street;
    - h. Antennae attached to building facades shall be so placed, screened or otherwise treated to minimize any negative visual impact; and
    - i. Although co location of various companies' facilities may be desirable, a maximum number of antennas and back up facilities on the Project Site shall be established, on a case by case basis, such that "antennae farms" or similar visual intrusions for the site and area is not created.

*For information about compliance, contact the Case Planner, Planning Department at 415-558-6613, [www.sf-planning.org](http://www.sf-planning.org).*

#### MONITORING - AFTER ENTITLEMENT

5. Enforcement. Violation of any of the Planning Department conditions of approval contained in this Motion or of any other provisions of Planning Code applicable to this Project shall be subject to the enforcement procedures and administrative penalties set forth under Planning Code Section 176 or Section 176.1. The Planning Department may also refer the violation complaints to other city departments and agencies for appropriate enforcement action under their jurisdiction.

*For information about compliance, contact Code Enforcement, Planning Department at 415-575-6863, [www.sf-planning.org](http://www.sf-planning.org).*

6. Monitoring. The Project requires monitoring of the conditions of approval in this Motion. The Project Sponsor or the subsequent responsible parties for the Project shall pay fees as established under Planning Code Section 351(e) (1) and work with the Planning Department for information about compliance.

*For information about compliance, contact Code Enforcement, Planning Department at 415-575-6863, [www.sf-planning.org](http://www.sf-planning.org).*

7. **Revocation due to Violation of Conditions.** Should implementation of this Project result in complaints from interested property owners, residents, or commercial lessees which are not resolved by the Project Sponsor and found to be in violation of the Planning Code and/or the specific Conditions of Approval for the Project as set forth in Exhibit A of this Motion, the Zoning Administrator shall refer such complaints to the Commission, after which it may hold a public hearing on the matter to consider revocation of this authorization.  
*For information about compliance, contact Code Enforcement, Planning Department at 415-575-6863, [www.sf-planning.org](http://www.sf-planning.org).*
8. **Implementation and Monitoring Costs - WTS.**
- a. The Project Sponsor, on an equitable basis with other WTS providers, shall pay the cost of preparing and adopting appropriate General Plan policies related to the placement of WTS facilities. Should future legislation be enacted to provide for cost recovery for planning, the Project Sponsor shall be bound by such legislation.
  - b. The Project Sponsor or its successors shall be responsible for the payment of all reasonable costs associated with the monitoring of the conditions of approval contained in this authorization, including costs incurred by this Department, the Department of Public Health, the Department of Electricity and Telecommunications, Office of the City Attorney, or any other appropriate City Department or agency pursuant to Planning Code Section 351(f) (2). The Planning Department shall collect such costs on behalf of the City.
  - c. The Project Sponsor shall be responsible for the payment of all fees associated with the installation of the subject facility, which are assessed by the City pursuant to all applicable law.
- For information about compliance, contact Code Enforcement, Planning Department at 415-575-6863, [www.sf-planning.org](http://www.sf-planning.org).*
9. **Implementation and Monitoring - WTS.** In the event that the Project implementation report includes a finding that RF emissions for the site exceed FCC Standards in any uncontrolled location, the Zoning Administrator may require the Applicant to immediately cease and desist operation of the facility until such time that the violation is corrected to the satisfaction of the Zoning Administrator.  
*For information about compliance, contact Code Enforcement, Planning Department at 415-575-6863, [www.sf-planning.org](http://www.sf-planning.org).*
10. **Project Implementation Report - WTS.** The Project Sponsor shall prepare and submit to the Zoning Administrator a Project Implementation Report. The Project Implementation Report shall:
- a. Identify the three dimensional perimeter closest to the facility at which adopted FCC standards for human exposure to RF emissions in uncontrolled areas are satisfied;
  - b. Document testing that demonstrates that the facility will not cause any potential exposure to RF emissions that exceed adopted FCC emission standards for human exposure in uncontrolled areas.
  - c. The Project Implementation Report shall compare test results for each test point with applicable FCC standards. Testing shall be conducted in compliance with FCC

regulations governing the measurement of RF emissions and shall be conducted during normal business hours on a non holiday weekday with the subject equipment measured while operating at maximum power.

- d. Testing, Monitoring, and Preparation. The Project Implementation Report shall be prepared by a certified professional engineer or other technical expert approved by the Department. At the sole option of the Department, the Department (or its agents) may monitor the performance of testing required for preparation of the Project Implementation Report. The cost of such monitoring shall be borne by the Project Sponsor pursuant to the condition related to the payment of the City's reasonable costs.
  - i. Notification and Testing. The Project Implementation Report shall set forth the testing and measurements undertaken pursuant to Conditions 2 and 4.
  - ii. Approval. The Zoning Administrator shall request that the Certification of Final Completion for operation of the facility not be issued by the Department of Building Inspection until such time that the Project Implementation Report is approved by the Department for compliance with these conditions.

*For information about compliance, contact the Environmental Health Section, Department of Public Health at (415) 252-3800, [www.sfdph.org](http://www.sfdph.org).*

11. Notification prior to Project Implementation Report - WTS. The Project Sponsor shall undertake to inform and perform appropriate tests for residents of any dwelling units located within 25 feet of the transmitting antenna at the time of testing for the Project Implementation Report.
  - a. At least twenty calendar days prior to conducting the testing required for preparation of the Project Implementation Report, the Project Sponsor shall mail notice to the Department, as well as to the resident of any legal dwelling unit within 25 feet of a transmitting antenna of the date on which testing will be conducted. The Applicant will submit a written affidavit attesting to this mail notice along with the mailing list.
  - b. When requested in advance by a resident notified of testing pursuant to subsection (a), the Project Sponsor shall conduct testing of total power density of RF emissions within the residence of that resident on the date on which the testing is conducted for the Project Implementation Report.

*For information about compliance, contact Code Enforcement, Planning Department at 415-575-6863, [www.sf-planning.org](http://www.sf-planning.org)*

12. Installation - WTS. Within 10 days of the installation and operation of the facilities, the Project Sponsor shall confirm in writing to the Zoning Administrator that the facilities are being maintained and operated in compliance with applicable Building, Electrical and other Code requirements, as well as applicable FCC emissions standards.

*For information about compliance, contact Code Enforcement, Planning Department at 415-575-6863, [www.sf-planning.org](http://www.sf-planning.org)*

13. Periodic Safety Monitoring - WTS. The Project Sponsor shall submit to the Zoning Administrator 10 days after installation of the facilities, and every two years thereafter, a certification attested to by a licensed engineer expert in the field of EMR/RF emissions, that the facilities are and have been operated within the then current applicable FCC standards for RF/EMF emissions.

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*For information about compliance, contact the Environmental Health Section, Department of Public Health at (415) 252-3800, [www.sfdph.org](http://www.sfdph.org).*

## OPERATION

14. **Community Liaison.** Prior to issuance of a building permit application to construct the project and implement the approved use, the Project Sponsor shall appoint a community liaison officer to deal with the issues of concern to owners and occupants of nearby properties. The Project Sponsor shall provide the Zoning Administrator written notice of the name, business address, and telephone number of the community liaison. Should the contact information change, the Zoning Administrator shall be made aware of such change. The community liaison shall report to the Zoning Administrator what issues, if any, are of concern to the community and what issues have not been resolved by the Project Sponsor.  
*For information about compliance, contact Code Enforcement, Planning Department at 415-575-6863; [www.sf-planning.org](http://www.sf-planning.org)*
15. **Out of Service – WTS.** The Project Sponsor or Property Owner shall remove antennae and equipment that has been out of service or otherwise abandoned for a continuous period of six months.  
*For information about compliance, contact Code Enforcement, Planning Department at 415-575-6863, [www.sf-planning.org](http://www.sf-planning.org)*
16. **Emissions Conditions – WTS.** It is a continuing condition of this authorization that the facilities be operated in such a manner so as not to contribute to ambient RF/EMF emissions in excess of then current FCC adopted RF/EMF emission standards; violation of this condition shall be grounds for revocation.  
*For information about compliance, contact the Environmental Health Section, Department of Public Health at (415) 252-3800, [www.sfdph.org](http://www.sfdph.org).*
17. **Noise and Heat – WTS.** The WTS facility, including power source and cooling facility, shall be operated at all times within the limits of the San Francisco Noise Control Ordinance. The WTS facility, including power source and any heating/cooling facility, shall not be operated so as to cause the generation of heat that adversely affects a building occupant.  
*For information about compliance, contact the Environmental Health Section, Department of Public Health at (415) 252-3800, [www.sfdph.org](http://www.sfdph.org).*
18. **Transfer of Operation – WTS.** Any carrier/provider authorized by the Zoning Administrator or by the Planning Commission to operate a specific WTS installation may assign the operation of the facility to another carrier licensed by the FCC for that radio frequency provided that such transfer is made known to the Zoning Administrator in advance of such operation, and all conditions of approval for the subject installation are carried out by the new carrier/provider.  
*For information about compliance, contact Code Enforcement, Planning Department at 415-575-6863, [www.sf-planning.org](http://www.sf-planning.org)*

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Hearing Date: July 28, 2011

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4141 Geary Blvd./450-6<sup>th</sup> Avenue

19. **Compatibility with City Emergency Services – WTS.** The facility shall not be operated or caused to transmit on or adjacent to any radio frequencies licensed to the City for emergency telecommunication services such that the City's emergency telecommunications system experiences interference, unless prior approval for such has been granted in writing by the City.

*For information about compliance, contact the Department of Technology, 415-581-4000, <http://sf.gov3.org/index.aspx?page=1421>*

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# SAN FRANCISCO PLANNING DEPARTMENT

## NEIGHBORHOOD ORGANIZATION FEE WAIVER REQUEST FORM

Appeals to the Board of Supervisors

1650 Mission St.  
Suite 400  
San Francisco,  
CA 94103-2479

Reception:  
415.558.6378

Fax:  
415.558.6409

Planning  
Information:  
415.558.6377

*This form is to be used by neighborhood organizations to request a fee waiver for CEQA and conditional use appeals to the Board of Supervisors.*

Should a fee waiver be sought, an appellant must present this form to the Clerk of the Board of Supervisors or to Planning Information Counter (PIC) at the ground level of 1660 Mission Street along with relevant supporting materials identified below. Planning staff will review the form and may sign it 'over-the-counter' or may accept the form for further review.

Should a fee waiver be granted, the Planning Department would not deposit the check, which was required to file the appeal with the Clerk of the Board of Supervisors. The Planning Department will return the check to the appellant.

### TYPE OF APPEAL FOR WHICH FEE WAIVER IS SOUGHT

[Check only one and attach decision document to this form]

- ☒ Conditional Use Authorization Appeals to the Board of Supervisors
- ☐ Environmental Determination Appeals to the Board of Supervisors (including EIR's, NegDec's, and CatEx's, GREs)

### REQUIRED CRITERIA FOR GRANTING OF WAIVER

[All criteria must be satisfied. Please check all that apply and attach supporting materials to this form]

- ☐ The appellant is a member of the stated neighborhood organization and is authorized to file the appeal on behalf of that organization. Authorization may take the form of a letter signed by the president or other officer of an organization.
- ☒ The appellant is appealing on behalf of a neighborhood organization which is registered with the Planning Department and which appears on the Department's current list of neighborhood organizations.
- ☒ The appellant is appealing on behalf of a neighborhood organization, which was in existence at least 24 months prior to the submittal of the fee waiver request. Existence may be established by evidence including that relating to the organization's activities at that time such as meeting minutes, resolutions, publications, and rosters.
- ☐ The appellant is appealing on behalf of a neighborhood organization, which is affected by the project, which is the subject of the appeal.

APPELLANT & PROJECT INFORMATION [to be completed by applicant]	
Name of Applicant: <u>Jacquelyn Coo</u>	Address of Project: <u>4141 Geary Blvd</u>
Neighborhood Organization: <u>SF Tomorrow</u>	Planning Case No: <u>2010.0951C</u>
Applicant's Address: <u>775 Market SF 94118</u>	Building Permit No: <u>motion #18415</u>
Applicant's Daytime Phone No: <u>415.386.0184</u>	Date of Decision: <u>7/28/2011</u>
Applicant's Email Address: <u>info@angelnschiltncenter.com</u>	

DCP STAFF USE ONLY	
<input type="checkbox"/> Appellant authorization	Planner's Name: _____
<input type="checkbox"/> Current organization registration	Date: _____
<input type="checkbox"/> Minimum organization age	Planner's Signature: _____
<input type="checkbox"/> Project impact on organization	
<b>■ WAIVER APPROVED                      ■ WAIVER DENIED</b>	



## ***San Francisco Tomorrow***

*Since 1970, Working to Protect the Urban Environment*

August 29, 2011

John Rahaim  
Director of City Planning  
1650 Mission St., Ste. 400  
San Francisco, CA 94103

**RE: Request for Fee Waiver as a neighborhood organization**

Dear Director Rahaim,

I am writing this letter to confirm that San Francisco Tomorrow (SFT) is a neighborhood organization according to the definition specified by your department. Our organization was established in 1971 to protect and preserve San Francisco's neighborhoods, and have frequently acted in that role. We have been listed on the Planning Department's list of neighborhood organizations for many years.

In the matter of the appeal of the Conditional Use of Verizon antennas at Kaiser Permanente SF at 498 6th Ave (No: 2010.0951C), I have authorized Jacquelyn and Sophia Coe, as well as Sandra Fenn, to represent our organization.

Sincerely,

Jennifer Clary  
President

***Will you want to live in San Francisco – tomorrow?***

44 Woodland Ave, San Francisco, CA 94117

(415) 566-7050





## SAN FRANCISCO PLANNING DEPARTMENT

Subject to: (Select only if applicable)

- |  |  |
|--|--|
| <input type="checkbox"/> Affordable Housing (Sec. 415)           | <input type="checkbox"/> First Source Hiring (Admin. Code) |
| <input type="checkbox"/> Jobs Housing Linkage Program (Sec. 413) | <input type="checkbox"/> Child Care Requirement (Sec. 414) |
| <input type="checkbox"/> Downtown Park Fee (Sec. 412)            | <input type="checkbox"/> Other                             |

1650 Mission St.  
Suite 400  
San Francisco,  
CA 94103-2479

Reception:  
415.558.6378

Fax:  
415.558.6409

Planning  
Information:  
415.558.6377

### Planning Commission Motion No. 18415

HEARING DATE: JULY 28, 2011

Date: July 21 2011  
Case No.: 2010.0951C  
Project Address: 4141 Geary Blvd./450 – 6<sup>th</sup> Avenue  
Current Zoning: RM-1 (Mixed, Low Density)  
NC-3 (Neighborhood Commercial, Moderate Scale)  
80-E Height and Bulk District  
Block/Lot: 1539/003  
Project Sponsor: Gabriella Bar for  
Verizon Wireless  
9210 Zayante Drive  
Felton, CA 95018  
Staff Contact: Sara Vellve – (415) 558 - 6263  
sara.vellve@sfgov.org  
Recommendation: Approval with Conditions

ADOPTING FINDINGS RELATING TO THE APPROVAL OF A CONDITIONAL USE AUTHORIZATION UNDER PLANNING CODE SECTIONS 209.6(b) AND 303 TO INSTALL A WIRELESS TELECOMMUNICATIONS FACILITY CONSISTING OF NINE (9) PANEL ANTENNAS AND RELATED EQUIPMENT ON AN EXISTING MECHANICAL PENTHOUSE ON THE ROOF OF A FIVE-STORY PUBLICALLY USED STRUCTURE (KAISER HOSPITAL) AS PART OF VERIZON'S WIRELESS TELECOMMUNICATIONS NETWORK WITHIN THE RM-1 (MIXED, LOW DENSITY) AND NC-3 (NEIGHBORHOOD COMMERCIAL, MODERATE SCALE) ZONING DISTRICTS, AND A 80-E HEIGHT AND BULK DISTRICT.

#### PREAMBLE

On October 19, 2010, Gabriella Bar, as representative of Verizon Wireless, (hereinafter "Project Sponsor"), made an application (hereinafter "application"), for Conditional Use Authorization on the property at 4141 Geary Blvd./ 450 – 6<sup>th</sup> Avenue, Lot 003 in Assessor's Block 1539, (hereinafter "project site") to install a wireless telecommunications facility consisting of nine (9) panel antennas on an existing mechanical penthouse and related equipment on the adjacent roof of an existing five-story publicly used structure (Kaiser Hospital) as part of Verizon's wireless telecommunications network within the RM-1 (Mixed, Low Density) and NC-3 (Neighborhood Commercial, Moderate Scale) Zoning Districts, and a 80-E Height and Bulk District.

The project is exempt from the California Environmental Quality Act ("CEQA") as a Class 3 categorical exemption. The Commission has reviewed and concurs with said determination. The categorical exemption and all pertinent documents may be found in the files of the Planning Department (hereinafter "Department"), as the custodian of records, at 1650 Mission Street, San Francisco.

On July 28, 2011, the San Francisco Planning Commission (hereinafter "Commission") conducted a duly noticed public hearing at a regularly scheduled meeting on the application for a Conditional Use authorization.

The Commission has heard and considered the testimony presented to it at the public hearing and has further considered written materials and oral testimony presented on behalf of the applicant, department staff, and other interested parties.

MOVED, that the Commission hereby authorizes the Conditional Use in Application No. 2010.0951C, subject to the conditions contained in "EXHIBIT A" of this motion, based on the following findings:

#### FINDINGS.

Having reviewed the materials identified in the preamble above, and having heard all testimony and arguments, this Commission finds, concludes, and determines as follows:

1. The above recitals are accurate and constitute findings of this Commission.
2. **Site Description and Present Use.** The subject site is zoned RM-1 (Mixed, Low Density) and NC (Neighborhood Commercial, Moderate Scale). The RM-1 District (south portion of subject lot where buildings front 6<sup>th</sup> Avenue) is characterized in the Planning Code as containing a mixture of dwelling types and a significant number of apartment buildings that broaden the range of unit sizes and variety of structures, but with an overall low density and moderately scaled buildings with neighborhood services and transit lines located within close proximity. The NC-3 District (north portion of lot fronting Geary Boulevard) is characterized in the Planning Code as containing a wide variety of comparison and specialty goods and services to a population greater than the immediate neighborhood in a linear commercial street stretching for many blocks.

The approximately 100,600 square foot site is developed as Kaiser Hospital's French Campus and consists of approximately four buildings in the block bounded by Geary Boulevard to the north, 6<sup>th</sup> Avenue to the west, Anza Street to the south and 5<sup>th</sup> Avenue to the west. The subject building where the proposed antennas would be located is five stories tall (plus a mechanical penthouse) and is located mid-block fronting 6<sup>th</sup> Avenue. The subject structure was constructed in approximately 1970.

3. **Surrounding Properties and Neighborhood.** The entire block is developed with buildings generally used by Kaiser Permanente for its medical and health services, and

operations. Lots across 6<sup>th</sup> Avenue from the subject site generally consist of single-to-multi family-buildings between Geary Boulevard and Anza Street. The building at the northeast corner of the intersection of 6<sup>th</sup> Avenue and Anza Street is leased to the University of San Francisco for student housing. The Richmond District Police Station is located directly across 6<sup>th</sup> Avenue from the subject building.

4. **Project Description.** Verizon Wireless proposes to install nine panel antennas, two GPS antennas, and associated equipment cabinets as part of their wireless transmission network. According to the *Wireless Telecommunications Services (WTS) Siting Guidelines*, the property is a Location Preference 1 (Publicly-used structure) as the site is developed with a medical office/hospital, owned and operated by Kaiser Permanente. The nine panel antennas would be flush-mounted in groups of three on the north, east and south sides of an existing penthouse at a height of approximately 85 feet and no higher than the penthouse roof. In order to improve the visual quality of the site, all antennas will be screened from view by synthetic material that is RF (Radio Frequency) Transparent, which allows transmission to occur even though the antennas are obscured. The maximum dimension for all the proposed antennas is approximately 4 feet tall, 1 foot wide and 3 to 7 inches deep. The proposed WTS site also includes the installation of associated mechanical equipment which will be located on the roof of the five-story building immediately to the north of the penthouse and set back from the 6<sup>th</sup> Avenue property line by approximately 30 feet.
5. **Past History and Actions.** The Planning Commission established guidelines for the installation of wireless telecommunications facilities in 1996 ("*Guidelines*"). These *Guidelines* set forth the land use policies and practices that guide the installation and approval of wireless facilities throughout San Francisco. A large portion of the *Guidelines* was dedicated to establishing location preferences for these installations. The Board of Supervisors, in Resolution No. 635-96, provided input as to where wireless facilities should be located within San Francisco. The *Guidelines* were updated by the Commission in 2003, requiring community outreach, notification, and detailed information about the facilities to be installed.<sup>1</sup>

Section 8.1 of the *Guidelines* outlines Location Preferences for wireless facilities. There are five primary areas where the installation of wireless facilities should be located:

1. Publicly-used Structures: such facilities as fire stations, utility structures, community facilities, hospitals, health centers and other public structures;
2. Co-Location Site: encourages installation of facilities on buildings that already have wireless installations;
3. Industrial or Commercial Structures: buildings such as warehouses, factories, garages, service stations;

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<sup>1</sup> PC Resolution 16539, passed March 13, 2003.

4. Industrial or Commercial Structures: buildings such as supermarkets, retail stores, banks; and
5. Mixed Use Buildings in High Density Districts: buildings such as housing above commercial or other non-residential space.

Before the Planning Commission can review an application to install a wireless facility, the project sponsor must submit a five-year facilities plan, which must be updated biannually, an emissions report and approval by the Department of Public Health, Section 106 Declaration of Intent, a submittal checklist and details about the facilities to be installed.

Under Section 704(B)(iv) of the 1996 Federal Telecommunications Act, local jurisdictions cannot deny wireless facilities based on Radio Frequency (RF) radiation emissions so long as such facilities comply with the FCC's regulations concerning such emissions.

On July 28, 2011, the Commission conducted a duly noticed public hearing at a regularly scheduled meeting on the application for a Conditional Use authorization pursuant to Planning Code Sections 206.9(b) and 303 to install a wireless telecommunications facility consisting of nine panel antennas to be flush-mounted to an existing penthouse and related equipment on the roof of an existing five-story building as part of Verizon's wireless telecommunications network.

6. **Location Preference.** The *WTS Facilities Siting Guidelines* identify different types of buildings for the siting of wireless telecommunications facilities. Under the *Guidelines*, the Project is a Location Preference Number 1, as it is a preferred location for a publicly-used structure (hospital/health services).
7. **Radio Waves Range.** The Project Sponsor has stated that the proposed wireless network will transmit calls by radio waves operating in the 800 - 1900 Megahertz (MHZ) bands, which is regulated by the Federal Communications Commission (FCC) and which must comply with the FCC-adopted health and safety standards for electromagnetic radiation and radio frequency radiation.
8. **Radiofrequency (RF) Emissions:** The project sponsor retained Hammett & Edison, Inc., a radio engineering consulting firm, to prepare a report describing the expected RF emissions from the proposed facility. Pursuant to the *Guidelines*, the Department of Public Health reviewed the report and determined that the proposed facility complies with the standards set forth in the *Guidelines*.
9. **Department of Public Health Review and Approval.** The proposed project was referred to the Department of Public Health (DPH) for emissions exposure analysis. Existing RF levels at ground level were less than 1% of the FCC public exposure limit. There were no other observed similar antennas within 100 feet of this site. Verizon proposes to install nine new antennas. The antennas will be flush mounted on an existing penthouse at a height of approximately 85 feet above the ground. The estimated ambient RF field from

the proposed Verizon transmitters at ground level is calculated to be 0.0013 mW/sq cm, which is .23% of the FCC public exposure limit. The three dimensional perimeter of RF levels equal to the public exposure limit extends 30 feet and does not reach the roof of the building or any publicly accessible areas. Warning signs must be posted at the antennas and roof access points in English, Spanish, and Chinese. Workers should not have access to within six feet of the front of the antennas while in operation.

10. **Maintenance Schedule.** The proposed facility would operate without on-site staff but with a maintenance crew visiting the property approximately two or three times a month and on an as-needed basis to service and monitor the facility.
11. **Community Outreach.** Per the *Guidelines*, the project sponsor held a Community Outreach Meeting for the proposed project. The meeting began at 7:00 P.M. on Thursday, April 28, 2011 at the Richmond/Senator Milton Marks Branch Library, located at 351 Ninth Avenue, San Francisco. Approximately 35 members of the public attended the meeting, with five attendees indicating their opposition to the project on the sign-in sheet.
12. **Five-year plan:** Per the *Guidelines*, the project sponsor submitted its latest five-year plan, as required, in April 2011.
13. **Public Comment.** As of July 28, 2011, the Department has received one phone call and one letter in opposition to the proposal, both expressing concerns that were health related. In addition, the Community Outreach Sign-in Sheet indicates that 5 attendees of the meeting oppose the proposal.
14. **Planning Code Compliance.** The Commission finds that the Project is consistent with the relevant provisions of the Planning Code in the following manner:
  - A. **Use.** Per Planning Code Sections 209.6(b), a Conditional Use authorization is required for the installation of wireless transmission facilities.
15. **Planning Code Section 303** establishes criteria for the Planning Commission to consider when reviewing applications for Conditional Use approval. On balance, the project does comply with said criteria in that:
  - A. The proposed new uses and building, at the size and intensity contemplated and at the proposed location, will provide a development that is necessary or desirable, and compatible with, the neighborhood or the community.
    - i *Desirable: San Francisco is a leader of the technological economy; it is important and desirable to the vitality of the city to have and maintain adequate telecommunications coverage and data capacity. This includes the installation and upgrading of systems to keep up with changing technology and increases in usage. It is desirable for the City to allow wireless facilities to be installed.*

*The proposed project at 4141 Geary Blvd./450 – 6<sup>th</sup> Avenue will be generally desirable and compatible with the surrounding neighborhood because the project will not conflict with the existing uses of the property and will be of such size and nature to be compatible with the surrounding nature of the vicinity. The approval of this authorization has been found, first and foremost, to insure public safety, and insure that the placement of antennas and related support and protection features are so located, designed, and treated architecturally to minimize their visibility from public places, to avoid intrusion into public vistas, avoid disruption of the architectural design integrity of building and insure harmony with neighborhood character.*

- ii *Necessary: In the case of wireless installations, there are two criteria that the Commission reviews: coverage and capacity.*

*Coverage: San Francisco does have sufficient overall wireless coverage (note that this is separate from carrier service). It is necessary for San Francisco to have as much coverage as possible in terms of wireless facilities. Due to the topography and tall buildings in San Francisco, unique coverage issues arise because the hills and buildings break up coverage. Thus, telecommunication carriers often install additional installations to make sure coverage is sufficient.*

*Capacity: While a carrier may have adequate coverage in a certain area, the capacity may not be sufficient. With the continuous innovations in wireless data technology and demand placed on existing infrastructure, individual telecommunications carriers must upgrade and in some instances expand their facilities network to be able to have proper data distribution. It is necessary for San Francisco, as a leader in technology, to have adequate capacity.*

*The proposed project at 4141 Geary Blvd./450 – 6<sup>th</sup> Avenue is necessary in order to achieve sufficient street, in-transit and in-building mobile phone coverage. Recent drive tests in the subject area conducted by the Verizon Radio Frequency Engineering Team provide conclusive evidence that the subject property is the most viable location, based on factors including quality of coverage, population density, land use compatibility, zoning and aesthetics. The proposed coverage area will serve the vicinity bounded by Fulton Street, 20th Avenue, Lake Street and Arguello Boulevard, as indicated in the coverage maps. This facility will fill in the gaps to improve coverage in the Inner Richmond District as well as to provide necessary facilities for emergency transmission and improved communication for the neighborhood, community and the region.*

- B. *The proposed project will not be detrimental to the health, safety, convenience or general welfare of persons residing or working in the vicinity. There are no features of the project that could be detrimental to the health, safety or convenience of those residing or working the area, in that:*

- i Nature of proposed site, including its size and shape, and the proposed size, shape and arrangement of structures;

*The proposed project must comply with all applicable Federal and State regulations to safeguard the health, safety and to ensure that persons residing or working in the vicinity will not be affected, and prevent harm to other personal property.*

*The Department of Public Health conducted an evaluation of potential health effects from Radio Frequency radiation, and has concluded that the proposed wireless transmission facilities will have no adverse health effects if operated in compliance with the FCC-adopted health and safety standards. The Department has received information that the proposed wireless system must be operated so as not to interfere with radio or television reception in order to comply with the provisions of its license under the FCC.*

*The Planning Department is developing a database of all such wireless communications facilities operating or proposed for operation in the City and County of San Francisco. All applicants are now required to submit information on the location and nature of all existing and approved wireless transmission facilities operated by the Project Sponsor. The goal of this effort is to foster public information as to the location of these facilities.*

- ii The accessibility and traffic patterns for persons and vehicles, the type and volume of such traffic, and the adequacy of proposed off-street parking and loading;

*No increase in traffic volume is anticipated with the facilities operating unmanned, with a single maintenance crew visiting the site two to three times a month or on an as-needed basis.*

- iii The safeguards afforded to prevent noxious or offensive emissions such as noise, glare, dust and odor;

*While some noise and dust may result from the erection of the antennas and transceiver equipment, noise or noxious emissions from continued use are not likely to be significantly greater than ambient conditions due to the operation of the wireless communication network.*

- iv Treatment given, as appropriate, to such aspects as landscaping, screening, open spaces, parking and loading areas, service areas, lighting and signs;

*The antennas are proposed to be flush mounted to the north, east and south facades of an existing penthouse and screened from view with RF transparent material painted to match the penthouse. Mechanical equipment would be located on the fifth floor roof of subject building adjacent to the penthouse.*

- C. That the use as proposed will comply with the applicable provisions of the Planning Code and will not adversely affect the General Plan.

*The project complies with all relevant requirements and standards of the Planning Code and is consistent with objectives and policies of the General Plan as detailed below.*

- D. That the use as proposed would provide development that is in conformity with the purpose of the applicable Neighborhood Commercial District.

*The proposed project is consistent with the stated purpose of the RM-1 (Mixed, Low Density) and NC-3 (Neighborhood Commercial, Moderate Scale) Districts in that the intended use is located on an existing building at a height of approximately 85 feet from grade and designed to resemble the existing penthouse.*

16. General Plan Compliance. The Project is, on balance, consistent with the following Objectives and Policies of the General Plan

#### **2004 HOUSING ELEMENT**

##### **HOUSING DENSITY, DENSITY, DESIGN & QUALITY OF LIFE**

**OBJECTIVE 11 - IN INCREASING THE SUPPLY OF HOUSING, PURSUE PLACE MAKING AND NEIGHBORHOOD BUILDING PRINCIPLES AND PRACTICES TO MAINTAIN SAN FRANCISCO'S DESIRABLE URBAN FABRIC AND ENHANCE LIVABILITY IN ALL NEIGHBORHOODS.**

**POLICY 11.2 -** Ensure housing is provided with adequate public improvements, services, and amenities.

*The project will improve Verizon Mobility coverage in residential, commercial and recreational areas along primary transportation routes in San Francisco.*

#### **2009 HOUSING ELEMENT**

##### **BALANCE HOUSING CONSTRUCTION AND COMMUNITY INFRASTRUCTURE**

**OBJECTIVE 12 - BALANCE HOUSING GROWTH WITH ADEQUATE INFRASTRUCTURE THAT SERVES THE CITY'S GROWING POPULATION.**

**POLICY 12.2 -** Consider the proximity of quality of life elements, such as open space, child care, and neighborhood services, when developing new housing units.

**POLICY 12.3 -** Ensure new housing is sustainable supported by the City's public infrastructure systems.



*The project will improve Verizon Mobility coverage in residential, commercial and recreational areas along primary transportation routes in San Francisco*

## URBAN DESIGN

## HUMAN NEEDS

**OBJECTIVE 4 - IMPROVEMENT OF THE NEIGHBORHOOD ENVIRONMENT TO INCREASE PERSONAL SAFETY, COMFORT, PRIDE AND OPPORTUNITY.**

**POLICY 4.14 - Remove and obscure distracting and cluttering elements.**

*The project adequately "stealths" the proposed antennas and related equipment by locating the antennas within screening and the equipment on a building roof and set back from the property line.*

## COMMERCE AND INDUSTRY ELEMENT

### Objectives and Policies

#### OBJECTIVE 1:

MANAGE ECONOMIC GROWTH AND CHANGE TO ENSURE ENHANCEMENT OF THE TOTAL CITY LIVING AND WORKING ENVIRONMENT.

#### Policy 1:

Encourage development, which provides substantial net benefits and minimizes undesirable consequences. Discourage development, which has substantial undesirable consequences that cannot be mitigated.

#### Policy 2:

Assure that all commercial and industrial uses meet minimum, reasonable performance standards.

*The project would enhance the total city living and working environment by providing communication services for residents and workers within the City. Additionally, the project would comply with Federal, State and Local performance standards.*

#### OBJECTIVE 2:

MAINTAIN AND ENHANCE A SOUND AND DIVERSE ECONOMIC BASE AND FISCAL STRUCTURE FOR THE CITY.

#### Policy 1:

Seek to retain existing commercial and industrial activity and to attract new such activity to the city.

**Policy 3:**

Maintain a favorable social and cultural climate in the city in order to enhance its attractiveness as a firm location.

*The site is an integral part of a wireless communications network that will enhance the City's diverse economic base.*

**OBJECTIVE 4:**

IMPROVE THE VIABILITY OF EXISTING INDUSTRY IN THE CITY AND THE ATTRACTIVENESS OF THE CITY AS A LOCATION FOR NEW INDUSTRY.

**Policy 1:**

Maintain and enhance a favorable business climate in the City.

**Policy 2:**

Promote and attract those economic activities with potential benefit to the City.

*The project would benefit the City by enhancing the business climate through improved communication services for residents and workers.*

**VISITOR TRADE**

**OBJECTIVE 8 - ENHANCE SAN FRANCISCO'S POSITION AS A NATIONAL CENTER FOR CONVENTIONS AND VISITOR TRADE.**

**POLICY 8.3 -** Assure that areas of particular visitor attraction are provided with adequate public services for both residents and visitors.

*The project will ensure that residents and visitors have adequate public service in the form of Verizon's mobile telecommunications.*

**COMMUNITY SAFETY ELEMENT**

**Objectives and Policies**

**OBJECTIVE 3:**

ENSURE THE PROTECTION OF LIFE AND PROPERTY FROM THE EFFECTS OF FIRE OR NATURAL DISASTER THROUGH ADEQUATE EMERGENCY OPERATIONS PREPARATION.

**Policy 1:**

Maintain a local agency for the provision of emergency services to meet the needs of San Francisco.

**Policy 2:**

Develop and maintain viable, up-to-date in-house emergency operations plans, with necessary equipment, for operational capability of all emergency service agencies and departments.

**Policy 3:**

Maintain and expand agreements for emergency assistance from other jurisdictions to ensure adequate aid in time of need.

**Policy 4:**

Establish and maintain an adequate Emergency Operations Center.

**Policy 5:**

Maintain and expand the city's fire prevention and fire-fighting capability.

**Policy 6:**

Establish a system of emergency access routes for both emergency operations and evacuation.

*The project would enhance the ability of the City to protect both life and property from the effects of a fire or natural disaster by providing communication services.*

17. Planning Code Section 101.1(b) establishes eight priority-planning policies and requires review of permits for consistency with said policies. On balance, the project does comply with said policies in that:

- A. That existing neighborhood-serving retail uses be preserved and enhanced and future opportunities for resident employment in and ownership of such businesses be enhanced.

*No neighborhood-serving retail use would be displaced and the wireless communications network will enhance personal communication services.*

- B. That existing housing and neighborhood character be conserved and protected in order to preserve the cultural and economic diversity of our neighborhoods.

*No residential uses would be displaced or altered in any way by the granting of this authorization.*

- C. That the City's supply of affordable housing be preserved and enhanced.

*The project would have no adverse impact on housing in the vicinity.*

- D. That commuter traffic not impede MUNI transit service or overburden our streets or neighborhood parking.

*Due to the nature of the project and minimal maintenance or repair, municipal transit service would not be impeded and neighborhood parking would not be overburdened.*

- E. That a diverse economic base be maintained by protecting our industrial and service sectors from displacement due to commercial office development, and that future opportunities for resident employment and ownership in these sectors be enhanced.

*The project would cause no displacement of industrial and service sector activity.*

- F. That the City achieve the greatest possible preparedness to protect against injury and loss of life in an earthquake.

*Compliance with applicable structural safety and seismic safety requirements would be considered during the building permit application review process.*

- G. That landmarks and historic buildings be preserved.

*The site contains a medical services/hospital building constructed in approximately 1970.*

- H. That our parks and open space and their access to sunlight and vistas be protected from development.

*The project will have no adverse effect on parks or open space, or their access to sunlight or vistas.*

18. The Project is consistent with and would promote the general and specific purposes of the Code provided under Section 101.1(b) in that, as designed, the Project would contribute to the character and stability of the neighborhood and would constitute a beneficial development.
19. The Commission hereby finds that approval of the Determination of Compliance authorization would promote the health, safety and welfare of the City.

### DECISION

The Commission, after carefully balancing the competing public and private interests, and based upon the Recitals and Findings set forth above, in accordance with the standards specified in the Code, hereby approves the Conditional Use authorization under Planning Code Sections 209.6(b) and 303 to install up to nine panel antennas flush mounted to an existing penthouse and screened from view, and associated equipment cabinets on the roof of a five-story health services/hospital as part of a wireless transmission network operated by Verizon Wireless on a Location Preference One (Preferred Location – Publicly-used structure) according to the *Wireless Telecommunications Services (WTS) Siting Guidelines*, within the RM-1 (Mixed, Low Density) and NC-3 (Neighborhood Commercial, Moderate Scale) Zoning Districts, and a 80-E Height and Bulk District, and subject to the conditions of approval attached hereto as Exhibit A.

**APPEAL AND EFFECTIVE DATE OF MOTION:** Any aggrieved person may appeal this conditional use authorization to the Board of Supervisors within thirty (30) days after the date of this Motion No. 18415. The effective date of this Motion shall be the date of this Motion if not appealed (after the 30-day period has expired) OR the date of the decision of the Board of Supervisors if appealed to the Board of Supervisors. For further information, please contact the Board of Supervisors at (415) 554-5184, City Hall, Room 244, 1 Dr. Carlton B. Goodlett Place, San Francisco, CA 94102.

I hereby certify that the foregoing Motion was adopted by the Planning Commission on July 28, 2011.

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Linda Avery  
Commission Secretary

AYES: Commissioners Olague, Miguel, Antonini, Moore and Sugaya

NAYS: None

ABSENT: Commissioners Borden and Fong

ADOPTED: July 28, 2011

## EXHIBIT A

### AUTHORIZATION

This approval is for Conditional Use authorization under Planning Code Sections 209.6(b) and 303 to install a wireless telecommunications facility consisting of nine panel antennas with related equipment, a Location Preference 1 (Preferred Location – Publicly Use Structure) according to the Wireless Telecommunications Services (WTS) Siting Guidelines, as part of Verizon's wireless telecommunications network within the RM-1 (Mixed, Low Density) and NC-3 (Neighborhood Commercial, Moderate Scale) Zoning Districts, and a 80-E Height and Bulk District.

### RECORDATION OF CONDITIONS OF APPROVAL

Prior to the issuance of the building permit or commencement of use for the Project the Zoning Administrator shall approve and order the recordation of a Notice in the Official Records of the Recorder of the City and County of San Francisco for the subject property. This Notice shall state that the project is subject to the conditions of approval contained herein and reviewed and approved by the Planning Commission on July 28, 2011 under Motion No. 18415.

### PRINTING OF CONDITIONS OF APPROVAL ON PLANS

The conditions of approval under the 'Exhibit A' of this Planning Commission Motion No. 18415 shall be reproduced on the Index Sheet of construction plans submitted with the Site or Building permit application for the Project. The Index Sheet of the construction plans shall reference to the Conditional Use authorization and any subsequent amendments or modifications.

### SEVERABILITY

The Project shall comply with all applicable City codes and requirements. If any clause, sentence, section or any part of these conditions of approval is for any reason held to be invalid, such invalidity shall not affect or impair other remaining clauses, sentences, or sections of these conditions. This decision conveys no right to construct, or to receive a building permit. "Project Sponsor" shall include any subsequent responsible party.

### CHANGES AND MODIFICATIONS

Changes to the approved plans may be approved administratively by the Zoning Administrator. Significant changes and modifications of conditions shall require Planning Commission approval of a new Conditional Use authorization.

## Conditions of Approval, Compliance, Monitoring, and Reporting PERFORMANCE

1. **Validity and Expiration.** The authorization and right vested by virtue of this action is valid for three years from the effective date of the Motion. A building permit from the Department of Building Inspection to construct the project and/or commence the approved use must be issued as this Conditional Use authorization is only an approval of the proposed project and conveys no independent right to construct the project or to commence the approved use. The Planning Commission may, in a public hearing, consider the revocation of the approvals granted if a site or building permit has not been obtained within three (3) years of the date of the Motion approving the Project. Once a site or building permit has been issued, construction must commence within the timeframe required by the Department of Building Inspection and be continued diligently to completion. The Commission may also consider revoking the approvals if a permit for the Project has been issued but is allowed to expire and more than three (3) years have passed since the Motion was approved.

*For information about compliance, contact Code Enforcement, Planning Department at 415-575-6863, [www.sf-planning.org](http://www.sf-planning.org).*

2. **Extension.** This authorization may be extended at the discretion of the Zoning Administrator only where failure to issue a permit by the Department of Building Inspection to perform said tenant improvements is caused by a delay by a local, State or Federal agency or by any appeal of the issuance of such permit(s).

*For information about compliance, contact Code Enforcement, Planning Department at 415-575-6863, [www.sf-planning.org](http://www.sf-planning.org).*

## DESIGN – COMPLIANCE AT PLAN STAGE

3. **Plan Drawings - WTS.** Prior to the issuance of any building or electrical permits for the installation of the facilities, the Project Sponsor shall submit final scaled drawings for review and approval by the Planning Department ("Plan Drawings"). The Plan Drawings shall describe:

- a. **Structure and Siting.** Identify all facility related support and protection measures to be installed. This includes, but is not limited to, the location(s) and method(s) of placement, support, protection, screening, paint and/or other treatments of the antennas and other appurtenances to insure public safety, insure compatibility with urban design, architectural and historic preservation principles, and harmony with neighborhood character.

- b. **For the Project Site,** regardless of the ownership of the existing facilities. Identify the location of all existing antennas and facilities; and identify the location of all approved (but not installed) antennas and facilities.

- c. **Emissions.** Provide a report, subject to approval of the Zoning Administrator, that operation of the facilities in addition to ambient RF emission levels will not exceed adopted FCC standards with regard to human exposure in uncontrolled areas.

*For information about compliance, contact the Case Planner, Planning Department at 415-558-6613, [www.sf-planning.org](http://www.sf-planning.org).*

4. **Screening - WTS.** To the extent necessary for information about compliance with adopted FCC regulations regarding human exposure to RF emissions, and upon the recommendation of the Zoning Administrator, the Project Sponsor shall:
- Modify the placement of the facilities;
  - Install fencing, barriers or other appropriate structures or devices to restrict access to the facilities;
  - Install multi-lingual signage, including the RF radiation hazard warning symbol identified in ANSI C95.2 1982, to notify persons that the facility could cause exposure to RF emissions;
  - Implement any other practice reasonably necessary to ensure that the facility is operated in compliance with adopted FCC RF emission standards.
  - To the extent necessary to minimize visual obtrusion and clutter, installations shall conform to the following standards:
    - Antennas and back up equipment shall be painted, fenced, landscaped or otherwise treated architecturally so as to minimize visual effects;
    - Rooftop installations shall be setback such that back up facilities are not viewed from the street;
    - Antennae attached to building facades shall be so placed, screened or otherwise treated to minimize any negative visual impact; and
    - Although co. location of various companies' facilities may be desirable, a maximum number of antennas and back up facilities on the Project Site shall be established, on a case by case basis, such that "antennae farms" or similar visual intrusions for the site and area is not created.

*For information about compliance, contact the Case Planner, Planning Department at 415-558-6613, [www.sf-planning.org](http://www.sf-planning.org).*

#### **MONITORING - AFTER ENTITLEMENT**

5. **Enforcement.** Violation of any of the Planning Department conditions of approval contained in this Motion or of any other provisions of Planning Code applicable to this Project shall be subject to the enforcement procedures and administrative penalties set forth under Planning Code Section 176 or Section 176.1. The Planning Department may also refer the violation complaints to other city departments and agencies for appropriate enforcement action under their jurisdiction.

*For information about compliance, contact Code Enforcement, Planning Department at 415-575-6863, [www.sf-planning.org](http://www.sf-planning.org).*

6. **Monitoring.** The Project requires monitoring of the conditions of approval in this Motion. The Project Sponsor or the subsequent responsible parties for the Project shall pay fees as established under Planning Code Section 351(e) (1) and work with the Planning Department for information about compliance.

*For information about compliance, contact Code Enforcement, Planning Department at 415-575-6863, [www.sf-planning.org](http://www.sf-planning.org).*



7. **Revocation due to Violation of Conditions.** Should implementation of this Project result in complaints from interested property owners, residents, or commercial lessees which are not resolved by the Project Sponsor and found to be in violation of the Planning Code and/or the specific Conditions of Approval for the Project as set forth in Exhibit A of this Motion, the Zoning Administrator shall refer such complaints to the Commission, after which it may hold a public hearing on the matter to consider revocation of this authorization.

*For information about compliance, contact Code Enforcement, Planning Department at 415-575-6863, [www.sf-planning.org](http://www.sf-planning.org).*

8. **Implementation and Monitoring Costs - WTS.**

- a. The Project Sponsor, on an equitable basis with other WTS providers, shall pay the cost of preparing and adopting appropriate General Plan policies related to the placement of WTS facilities. Should future legislation be enacted to provide for cost recovery for planning, the Project Sponsor shall be bound by such legislation.
- b. The Project Sponsor or its successors shall be responsible for the payment of all reasonable costs associated with the monitoring of the conditions of approval contained in this authorization, including costs incurred by this Department, the Department of Public Health, the Department of Electricity and Telecommunications, Office of the City Attorney, or any other appropriate City Department or agency pursuant to Planning Code Section 351(f) (2). The Planning Department shall collect such costs on behalf of the City.
- c. The Project Sponsor shall be responsible for the payment of all fees associated with the installation of the subject facility, which are assessed by the City pursuant to all applicable law.

*For information about compliance, contact Code Enforcement, Planning Department at 415-575-6863, [www.sf-planning.org](http://www.sf-planning.org).*

9. **Implementation and Monitoring - WTS.** In the event that the Project implementation report includes a finding that RF emissions for the site exceed FCC Standards in any uncontrolled location, the Zoning Administrator may require the Applicant to immediately cease and desist operation of the facility until such time that the violation is corrected to the satisfaction of the Zoning Administrator.

*For information about compliance, contact Code Enforcement, Planning Department at 415-575-6863, [www.sf-planning.org](http://www.sf-planning.org).*

10. **Project Implementation Report - WTS.** The Project Sponsor shall prepare and submit to the Zoning Administrator a Project Implementation Report. The Project Implementation Report shall:

- a. Identify the three dimensional perimeter closest to the facility at which adopted FCC standards for human exposure to RF emissions in uncontrolled areas are satisfied;
- b. Document testing that demonstrates that the facility will not cause any potential exposure to RF emissions that exceed adopted FCC emission standards for human exposure in uncontrolled areas.
- c. The Project Implementation Report shall compare test results for each test point with applicable FCC standards. Testing shall be conducted in compliance with FCC

regulations governing the measurement of RF emissions and shall be conducted during normal business hours on a non holiday weekday with the subject equipment measured while operating at maximum power.

- d. Testing, Monitoring, and Preparation. The Project Implementation Report shall be prepared by a certified professional engineer or other technical expert approved by the Department. At the sole option of the Department, the Department (or its agents) may monitor the performance of testing required for preparation of the Project Implementation Report. The cost of such monitoring shall be borne by the Project Sponsor pursuant to the condition related to the payment of the City's reasonable costs.
  - i. Notification and Testing. The Project Implementation Report shall set forth the testing and measurements undertaken pursuant to Conditions 2 and 4.
  - ii. Approval. The Zoning Administrator shall request that the Certification of Final Completion for operation of the facility not be issued by the Department of Building Inspection until such time that the Project Implementation Report is approved by the Department for compliance with these conditions.

*For information about compliance, contact the Environmental Health Section, Department of Public Health at (415) 252-3800, [www.sfdph.org](http://www.sfdph.org).*

11. Notification prior to Project Implementation Report - WTS. The Project Sponsor shall undertake to inform and perform appropriate tests for residents of any dwelling units located within 25 feet of the transmitting antenna at the time of testing for the Project Implementation Report.
  - a. At least twenty calendar days prior to conducting the testing required for preparation of the Project Implementation Report, the Project Sponsor shall mail notice to the Department, as well as to the resident of any legal dwelling unit within 25 feet of a transmitting antenna of the date on which testing will be conducted. The Applicant will submit a written affidavit attesting to this mail notice along with the mailing list.
  - b. When requested in advance by a resident notified of testing pursuant to subsection (a), the Project Sponsor shall conduct testing of total power density of RF emissions within the residence of that resident on the date on which the testing is conducted for the Project Implementation Report.

*For information about compliance, contact Code Enforcement, Planning Department at 415-575-6863, [www.sf-planning.org](http://www.sf-planning.org)*

12. Installation - WTS. Within 10 days of the installation and operation of the facilities, the Project Sponsor shall confirm in writing to the Zoning Administrator that the facilities are being maintained and operated in compliance with applicable Building, Electrical and other Code requirements, as well as applicable FCC emissions standards.

*For information about compliance, contact Code Enforcement, Planning Department at 415-575-6863, [www.sf-planning.org](http://www.sf-planning.org)*

13. Periodic Safety Monitoring - WTS. The Project Sponsor shall submit to the Zoning Administrator 10 days after installation of the facilities, and every two years thereafter, a certification attested to by a licensed engineer expert in the field of EMR/RF emissions, that the facilities are and have been operated within the then current applicable FCC standards for RF/EMF emissions.

*For information about compliance, contact the Environmental Health Section, Department of Public Health at (415) 252-3800, [www.sfdph.org](http://www.sfdph.org).*

## OPERATION

14. **Community Liaison.** Prior to issuance of a building permit application to construct the project and implement the approved use, the Project Sponsor shall appoint a community liaison officer to deal with the issues of concern to owners and occupants of nearby properties. The Project Sponsor shall provide the Zoning Administrator written notice of the name, business address, and telephone number of the community liaison. Should the contact information change, the Zoning Administrator shall be made aware of such change. The community liaison shall report to the Zoning Administrator what issues, if any, are of concern to the community and what issues have not been resolved by the Project Sponsor.

*For information about compliance, contact Code Enforcement, Planning Department at 415-575-6863, [www.sf-planning.org](http://www.sf-planning.org)*

15. **Out of Service – WTS.** The Project Sponsor or Property Owner shall remove antennae and equipment that has been out of service or otherwise abandoned for a continuous period of six months.

*For information about compliance, contact Code Enforcement, Planning Department at 415-575-6863, [www.sf-planning.org](http://www.sf-planning.org)*

16. **Emissions Conditions – WTS.** It is a continuing condition of this authorization that the facilities be operated in such a manner so as not to contribute to ambient RF/EMF emissions in excess of then current FCC adopted RF/EMF emission standards; violation of this condition shall be grounds for revocation.

*For information about compliance, contact the Environmental Health Section, Department of Public Health at (415) 252-3800, [www.sfdph.org](http://www.sfdph.org).*

17. **Noise and Heat – WTS.** The WTS facility, including power source and cooling facility, shall be operated at all times within the limits of the San Francisco Noise Control Ordinance. The WTS facility, including power source and any heating/cooling facility, shall not be operated so as to cause the generation of heat that adversely affects a building occupant.

*For information about compliance, contact the Environmental Health Section, Department of Public Health at (415) 252-3800, [www.sfdph.org](http://www.sfdph.org).*

18. **Transfer of Operation – WTS.** Any carrier/provider authorized by the Zoning Administrator or by the Planning Commission to operate a specific WTS installation may assign the operation of the facility to another carrier licensed by the FCC for that radio frequency provided that such transfer is made known to the Zoning Administrator in advance of such operation, and all conditions of approval for the subject installation are carried out by the new carrier/provider.

*For information about compliance, contact Code Enforcement, Planning Department at 415-575-6863, [www.sf-planning.org](http://www.sf-planning.org)*

19. **Compatibility with City Emergency Services – WTS.** The facility shall not be operated or caused to transmit on or adjacent to any radio frequencies licensed to the City for emergency telecommunication services such that the City's emergency telecommunications system experiences interference, unless prior approval for such has been granted in writing by the City.

*For information about compliance, contact the Department of Technology, 415-581-4000, <http://sfgov3.org/index.aspx?page=1421>*

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## SAN FRANCISCO PLANNING DEPARTMENT

### Executive Summary Conditional Use Authorization HEARING DATE: JULY 28, 2011

*Date:* July 21 2011  
*Case No.:* 2010.0951C  
*Project Address:* 4141 Geary Blvd./450 – 6<sup>th</sup> Avenue  
*Current Zoning:* RM-1 (Mixed, Low Density)  
NC-3 (Neighborhood Commercial, Moderate Scale)  
80-E Height and Bulk District  
*Block/Lot:* 1539/003  
*Project Sponsor:* Gabriella Bar for  
Verizon Wireless  
9210 Zayante Drive  
Felton, CA 95018  
*Staff Contact:* Sara Vellve – (415) 558 - 6263  
sara.vellve@sfgov.org  
*Recommendation:* Approval with Conditions



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#### PROJECT DESCRIPTION

Verizon Wireless proposes to install nine panel antennas, two GPS antennas, and associated equipment cabinets as part of their wireless transmission network. According to the *Wireless Telecommunications Services (WTS) Siting Guidelines*, the property is a Location Preference 1 (Publicly-used structure) as the site is developed with a medical office/hospital owned and operated by Kaiser Permanente. The nine panel antennas would be flush-mounted in groups of three on the north, east and south sides of an existing penthouse at a height of approximately 85 feet and no higher than the penthouse roof. In order to improve the visual quality of the site, all antennas will be screened from view by synthetic material that is RF (Radio Frequency) Transparent, which allows transmission to occur even though the antennas are obscured. The maximum dimension for the proposed antennas would be approximately 4 feet tall, 1 foot wide and 3 to 7 inches deep. The proposed WTS site also includes the installation of associated mechanical equipment which will be located on the roof of the five-story building immediately to the north of the penthouse and set back from the 6<sup>th</sup> Avenue property line by approximately 30 feet.

#### SITE DESCRIPTION AND PRESENT USE

The subject site is zoned RM-1 (Mixed, Low Density) and NC-3 (Neighborhood Commercial, Moderate Scale). The RM-1 District (south portion of subject lot where buildings front 6<sup>th</sup> Avenue) is characterized in the Planning Code as containing a mixture of dwelling types and a significant number of apartment buildings that broaden the range of unit sizes and variety of structures, but with an overall low density and moderately scaled buildings with neighborhood

services and transit lines located within close proximity. The NC-3 District (north portion of lot fronting Geary Boulevard) is characterized in the Planning Code as containing a wide variety of comparison and specialty goods and services to a population greater than the immediate neighborhood in a linear commercial street stretching for many blocks.

The approximately 100,600 square foot site is developed as Kaiser Hospital's French Campus and consists of approximately four buildings in the block bounded by Geary Boulevard to the north, 6<sup>th</sup> Avenue to the west, Anza Street to the south and 5<sup>th</sup> Avenue to the west. The subject building where the proposed antennas would be located is five stories tall (plus a mechanical penthouse) and is located mid-block fronting 6<sup>th</sup> Avenue. The subject structure was constructed in approximately 1970.

### **SURROUNDING PROPERTIES AND NEIGHBORHOOD**

The entire block is developed with buildings generally used by Kaiser Permanente for its medical and health services, and operations. Lots across 6<sup>th</sup> Avenue from the subject site generally consist of single-to-multi-family buildings between Geary Boulevard and Anza Street. The building at the northeast corner of the intersection of 6<sup>th</sup> Avenue and Anza Street is leased to the University of San Francisco for student housing. The Richmond District Police Station is located directly across 6<sup>th</sup> Avenue from the subject building.

### **ENVIRONMENTAL REVIEW**

The project is exempt from the California Environmental Quality Act ("CEQA") as a Class 3 categorical exemption. The categorical exemption and all pertinent documents may be found in the files of the Planning Department, as the custodian of records, at 1650 Mission Street, San Francisco.

### **HEARING NOTIFICATION**

TYPE	REQUIRED PERIOD	REQUIRED NOTICE DATE	ACTUAL NOTICE DATE	ACTUAL PERIOD
Classified News Ad	20 days	July 8, 2011	July 6, 2011	22 days
Posted Notice	20 days	July 8, 2011	July 8, 2011	20 days
Mailed Notice	20 days	July 8, 2011	June 28, 2011	31 days

### **PUBLIC COMMENT**

As of July 11, 2011, the Department has received one phone call in opposition to the proposal. The caller's concerns were health related. In addition, the Community Outreach Sign-in Sheet indicates that 5 meeting attendees oppose the proposal.

#### ISSUES AND OTHER CONSIDERATIONS

- The project will utilize the existing penthouse and flush-mount antennas that will be concealed behind a radio frequency transparent material.
- The project is a Location Preference 1, preferred location. Hospitals are considered a public facility per the WTS Facilities Siting Guidelines and are categorized as a preferred WTS siting location.
- Health and safety aspects of all wireless projects are reviewed under the Department of Public Health and the Department of Building Inspection.
- A Five Year Plan with approximate longitudinal and latitudinal coordinates of proposed locations, including the subject site, was submitted.
- All required public notifications were conducted in compliance with the City's code and policies.
- The project will provide wireless coverage to an area that currently receives marginal coverage.

#### REQUIRED COMMISSION ACTION

In order for the project to proceed, the Commission must grant the Conditional Use authorization pursuant to Planning Code Sections 209.6(b) and 303 to allow the installation of wireless facilities.

#### BASIS FOR RECOMMENDATION

The Department believes this project is necessary and/or desirable under Section 303 of the Planning Code for the following reasons:

- The project complies with the applicable requirements of the Planning Code.
- The project is consistent with the objectives and policies of the General Plan.
- The project is consistent with the 1996 WTS Facilities Siting Guidelines, Planning Commission Resolution No. 14182.
- The project site is a Location Preference 1, a preferred location, according to the Wireless Telecommunications Services (WTS) Siting Guidelines.
- The project will improve coverage for an area where there is currently marginal cell phone coverage.

<b>RECOMMENDATION:</b> Approval with Conditions
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Executive Summary  
Hearing Date: July 28, 2011

CASE NO. 2010.0951C  
4141 Geary Blvd./450-6<sup>th</sup> Avenue

- ☒ Executive Summary
- ☒ Draft Motion
- ☒ Zoning District Map
- ☒ Height & Bulk Map
- ☒ Parcel Map
- ☒ Sanborn Map
- ☒ Aerial Photo
- ☒ Context Photos
- ☒ Site Photos

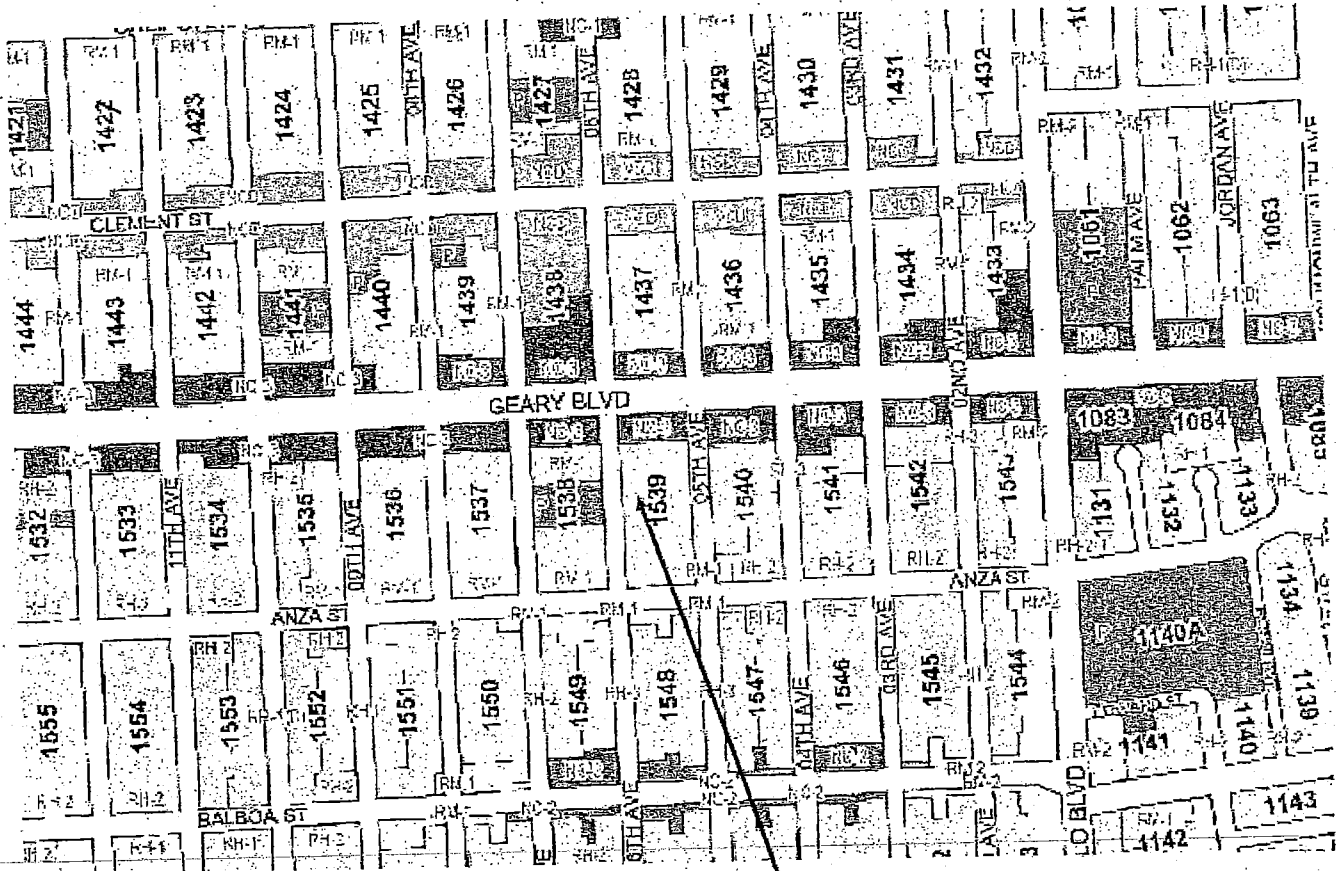
- ☒ Project sponsor submittal
- Drawings: Proposed Project
- ☒ Check for legibility
- ☒ Photo Simulations
- ☒ Coverage Maps
- ☒ RF Report
- ☒ DPH Approval
- ☒ Community Outreach Report
- ☒ SHPO Review

Exhibits above marked with an "X" are included in this packet \_\_\_\_\_ Planner's  
Initials

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# Zoning District Map



**SUBJECT PROPERTY**

## ZONING USE DISTRICTS

### RESIDENTIAL, HOUSE DISTRICTS

RH-1(D) RH-1 RH-1(S) RH-2 RH-3

### RESIDENTIAL, MIXED (APARTMENTS & HOUSES) DISTRICTS

RM-1 RM-2 RM-3 RM-4

### NEIGHBORHOOD COMMERCIAL DISTRICTS

NC-2 NC-3 NCD NC-6

### SOUTH OF MARKET MIXED USE DISTRICTS

SPD RED RSD SLR SLI SSO

### COMMERCIAL DISTRICTS

C-2 C-3 C-3-G C-3-R C-3-O C-3-OISD

### INDUSTRIAL DISTRICTS

C-M M-1 M-2

### CHINATOWN MIXED USE DISTRICTS

CRNC CVR CCB

### RESIDENTIAL-COMMERCIAL DISTRICTS

RC-3 RC-4

### REDEVELOPMENT AGENCY DISTRICTS

MB-RA MB-RA

### DOWNTOWN RESIDENTIAL DISTRICTS

RH-DTR TB-DTR

### MISSION BAY DISTRICTS

MB-OS MB-O

### PUBLIC DISTRICT

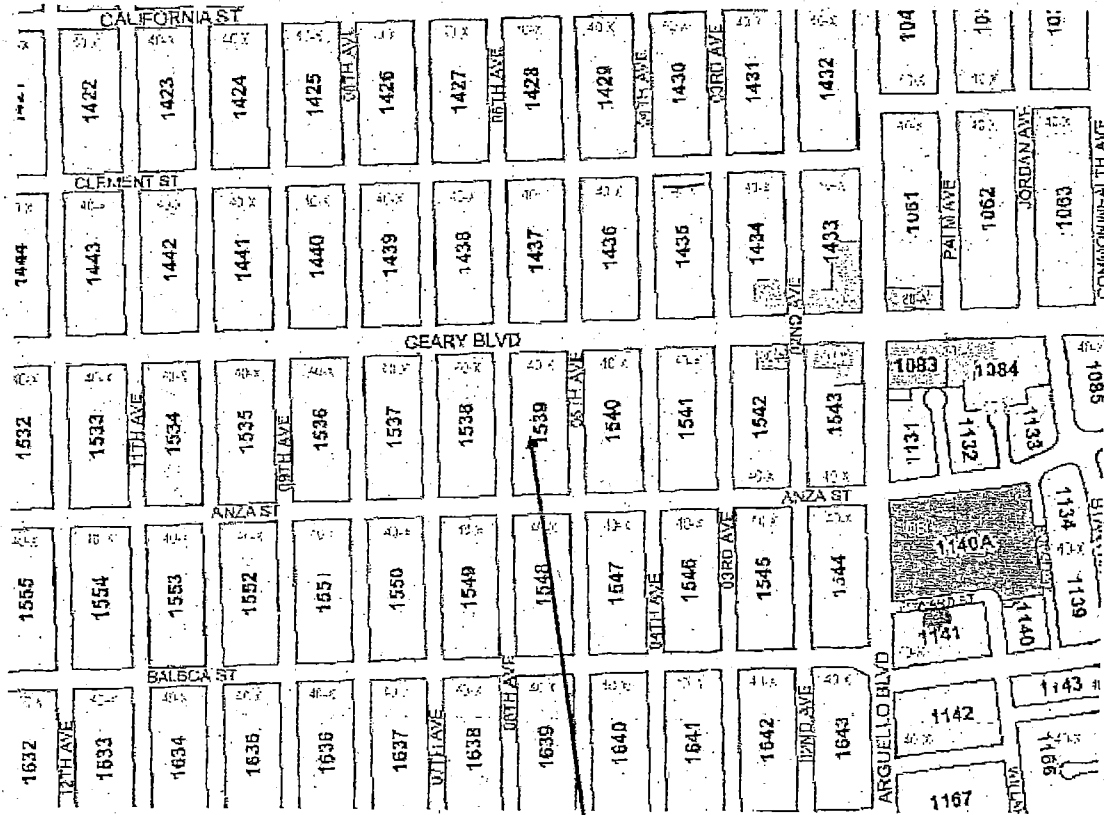
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SAN FRANCISCO  
PLANNING DEPARTMENT

Conditional Use Hearing  
Case Number 2010.0951C  
Verizon Wireless  
4141 Geary Blvd./450-6th Avenue

# Height and Bulk Map



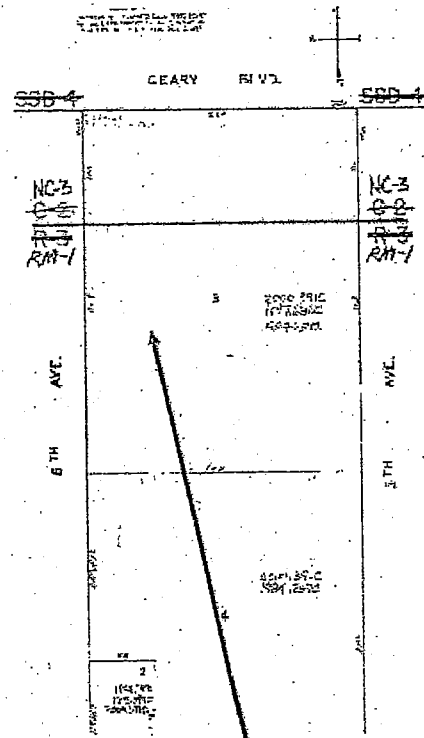
**SUBJECT PROPERTY**



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Conditional Use Hearing  
Case Number 2010.0951C  
Verizon Wireless  
4141 Geary Blvd./450-6th Avenue

# Parcel Map



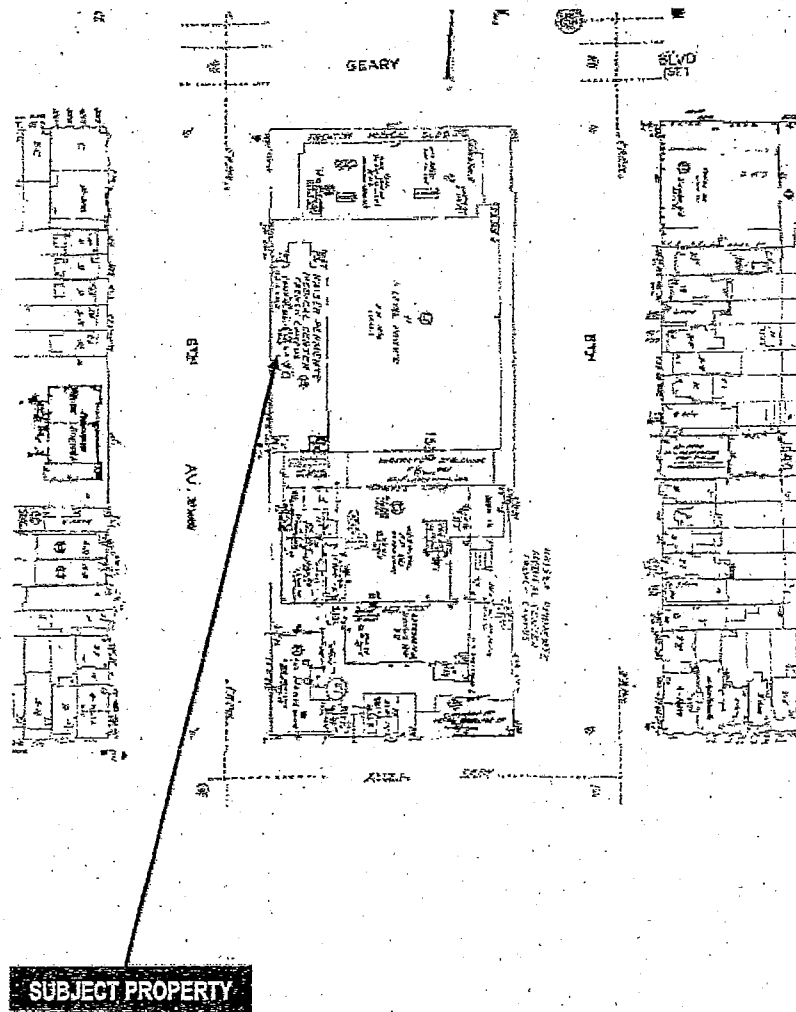
**SUBJECT PROPERTY**



SAN FRANCISCO  
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Conditional Use Hearing  
Case Number 2010.0951C  
Verizon Wireless  
4141 Geary Blvd./450-6th Avenue

# Sanborn Map\*



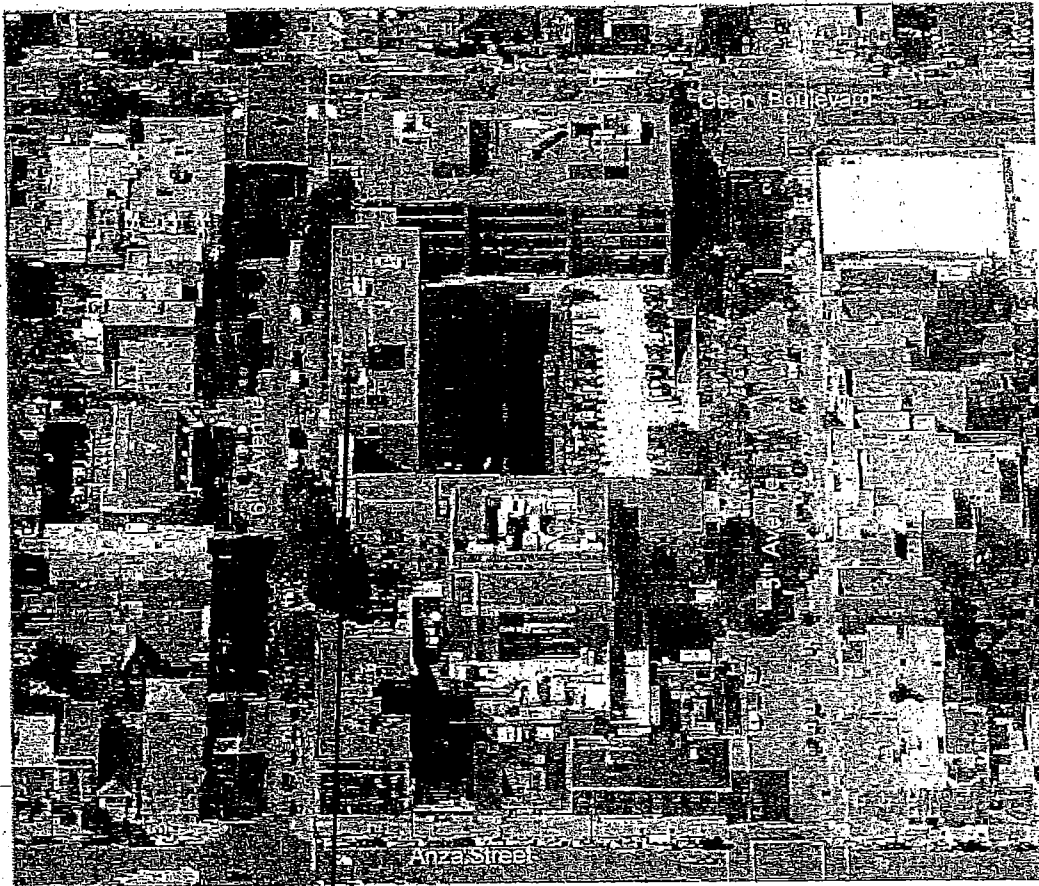
\*The Sanborn Maps in San Francisco have not been updated since 1998, and this map may not accurately reflect existing conditions.



SAN FRANCISCO  
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Conditional Use Hearing  
Case Number 2010.0951C  
Verizon Wireless  
4141 Geary Blvd./450-6th Avenue

# Aerial Photo



SUBJECT PROPERTY



SAN FRANCISCO  
PLANNING DEPARTMENT

Conditional Use Hearing  
Case Number 2010.0951C  
Verizon Wireless  
4141 Geary Blvd./450-6th Avenue

## Context Photos



View looking south on 6<sup>th</sup> Avenue. Subject building on left,



View looking north on 6<sup>th</sup> Avenue. Subject building behind trees on right.



## SAN FRANCISCO PLANNING DEPARTMENT

Subject to: (Select only if applicable)

☐ Affordable Housing (Sec. 415)

☐ Jobs Housing Linkage Program (Sec. 413)

☐ Downtown Park Fee (Sec. 412)

☐ First Source Hiring (Admin. Code)

☐ Child Care Requirement (Sec. 414)

☐ Other

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### Planning Commission Motion

HEARING DATE: JULY 28, 2011

Date: July 21 2011  
Case No.: 2010.0951C  
Project Address: 4141 Geary Blvd./450 - 6<sup>th</sup> Avenue  
Current Zoning: RM-1 (Mixed, Low Density)  
NC-3 (Neighborhood Commercial, Moderate Scale)  
80-E Height and Bulk District  
Block/Lot: 1539/003  
Project Sponsor: Gabriella Bar for  
Verizon Wireless  
9210 Zayante Drive  
Felton, CA 95018  
Staff Contact: Sara Vellve - (415) 558 - 6263  
sara.vellve@sfgov.org  
Recommendation: Approval with Conditions

ADOPTING FINDINGS RELATING TO THE APPROVAL OF A CONDITIONAL USE AUTHORIZATION UNDER PLANNING CODE SECTIONS 209.6(b) AND 303 TO INSTALL A WIRELESS TELECOMMUNICATIONS FACILITY CONSISTING OF NINE (9) PANEL ANTENNAS AND RELATED EQUIPMENT ON AN EXISTING MECHANICAL PENTHOUSE ON THE ROOF OF A FIVE-STORY PUBLICALLY USED STRUCTURE (KAISER HOSPITAL) AS PART OF VERIZON'S WIRELESS TELECOMMUNICATIONS NETWORK WITHIN THE RM-1 (MIXED, LOW DENSITY) AND NC-3 (NEIGHBORHOOD COMMERCIAL, MODERATE SCALE) ZONING DISTRICTS, AND A 80-E HEIGHT AND BULK DISTRICT.

#### PREAMBLE

On October 19, 2010, Gabriella Bar, as representative of Verizon Wireless, (hereinafter "Project Sponsor"), made an application (hereinafter "application"), for Conditional Use Authorization on the property at 4141 Geary Blvd./ 450 - 6<sup>th</sup> Avenue, Lot 003 in Assessor's Block 1539, (hereinafter "project site") to install a wireless telecommunications facility consisting of nine (9) panel antennas on an existing mechanical penthouse and related equipment on the adjacent roof of an existing five-story publicly used structure (Kaiser Hospital) as part of Verizon's wireless telecommunications network within the RM-1 (Mixed, Low Density) and NC-3 (Neighborhood Commercial, Moderate Scale) Zoning Districts, and a 80-E Height and Bulk District.

The project is exempt from the California Environmental Quality Act ("CEQA") as a Class 3 categorical exemption. The Commission has reviewed and concurs with said determination. The categorical exemption and all pertinent documents may be found in the files of the Planning Department (hereinafter "Department"), as the custodian of records, at 1650 Mission Street, San Francisco.

On July 28, 2011, the San Francisco Commission (hereinafter "Commission") conducted a duly noticed public hearing at a regularly scheduled meeting on the application for a Conditional Use authorization.

The Commission has heard and considered the testimony presented to it at the public hearing and has further considered written materials and oral testimony presented on behalf of the applicant, department staff, and other interested parties.

MOVED, that the Commission hereby authorizes the Conditional Use in Application No. 2010.0951C, subject to the conditions contained in "EXHIBIT A" of this motion, based on the following findings:

#### FINDINGS

Having reviewed the materials identified in the preamble above, and having heard all testimony and arguments, this Commission finds, concludes, and determines as follows:

1. The above recitals are accurate and constitute findings of this Commission.
2. **Site Description and Present Use.** The subject site is zoned RM-1 (Mixed, Low Density) and NC (Neighborhood Commercial, Moderate Scale). The RM-1 District (south portion of subject lot where buildings front 6<sup>th</sup> Avenue) is characterized in the Planning Code as containing a mixture of dwelling types and a significant number of apartment buildings that broaden the range of unit sizes and variety of structures, but with an overall low density and moderately scaled buildings with neighborhood services and transit lines located within close proximity. The NC-3 District (north portion of lot fronting Geary Boulevard) is characterized in the Planning Code as containing a wide variety of comparison and specialty goods and services to a population greater than the immediate neighborhood in a linear commercial street stretching for many blocks.

The approximately 100,600 square foot site is developed as Kaiser Hospital's French Campus and consists of approximately four buildings in the block bounded by Geary Boulevard to the north, 6<sup>th</sup> Avenue to the west, Anza Street to the south and 5<sup>th</sup> Avenue to the west. The subject building where the proposed antennas would be located is five stories tall (plus a mechanical penthouse) and is located mid-block fronting 6<sup>th</sup> Avenue. The subject structure was constructed in approximately 1970.

3. **Surrounding Properties and Neighborhood.** The entire block is developed with buildings generally used by Kaiser Permanente for its medical and health services, and



operations. Lots across 6<sup>th</sup> Avenue from the subject site generally consist of single-to-multi family-buildings between Geary Boulevard and Anza Street. The building at the northeast corner of the intersection of 6<sup>th</sup> Avenue and Anza Street is leased to the University of San Francisco for student housing. The Richmond District Police Station is located directly across 6<sup>th</sup> Avenue from the subject building.

4. **Project Description.** Verizon Wireless proposes to install nine panel antennas, two GPS antennas, and associated equipment cabinets as part of their wireless transmission network. According to the *Wireless Telecommunications Services (WTS) Siting Guidelines*, the property is a Location Preference 1 (Publicly-used structure) as the site is developed with a medical office/hospital owned and operated by Kaiser Permanente. The nine panel antennas would be flush-mounted in groups of three on the north, east and south sides of an existing penthouse at a height of approximately 85 feet and no higher than the penthouse roof. In order to improve the visual quality of the site, all antennas will be screened from view by synthetic material that is RF (Radio Frequency) Transparent, which allows transmission to occur even though the antennas are obscured. The maximum dimension for all the proposed antennas is approximately 4 feet tall, 1 foot wide and 3 to 7 inches deep. The proposed WTS site also includes the installation of associated mechanical equipment which will be located on the roof of the five-story building immediately to the north of the penthouse and set back from the 6<sup>th</sup> Avenue property line by approximately 30 feet.
5. **Past History and Actions.** The Planning Commission established guidelines for the installation of wireless telecommunications facilities in 1996 ("*Guidelines*"). These *Guidelines* set forth the land use policies and practices that guide the installation and approval of wireless facilities throughout San Francisco. A large portion of the *Guidelines* was dedicated to establishing location preferences for these installations. The Board of Supervisors, in Resolution No. 635-96, provided input as to where wireless facilities should be located within San Francisco. The *Guidelines* were updated by the Commission in 2003, requiring community outreach, notification, and detailed information about the facilities to be installed.<sup>1</sup>

Section 8.1 of the *Guidelines* outlines Location Preferences for wireless facilities. There are five primary areas where the installation of wireless facilities should be located:

1. Publicly-used Structures: such facilities as fire stations, utility structures, community facilities, hospitals, health centers and other public structures;
2. Co-Location Site: encourages installation of facilities on buildings that already have wireless installations;
3. Industrial or Commercial Structures: buildings such as warehouses, factories, garages, service stations;

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<sup>1</sup> PC Resolution 16539, passed March 13, 2003.

4. Industrial or Commercial Structures: buildings such as supermarkets, retail stores, banks; and
5. Mixed Use Buildings in High Density Districts: buildings such as housing above commercial or other non-residential space.

Before the Planning Commission can review an application to install a wireless facility, the project sponsor must submit a five-year facilities plan, which must be updated biannually, an emissions report and approval by the Department of Public Health, Section 106 Declaration of Intent, a submittal checklist and details about the facilities to be installed.

Under Section 704(B)(iv) of the 1996 Federal Telecommunications Act, local jurisdictions cannot deny wireless facilities based on Radio Frequency (RF) radiation emissions so long as such facilities comply with the FCC's regulations concerning such emissions.

On July 28, 2011, the Commission conducted a duly noticed public hearing at a regularly scheduled meeting on the application for a Conditional Use authorization pursuant to Planning Code Sections 206.9(b) and 303 to install a wireless telecommunications facility consisting of nine panel antennas to be flush-mounted to an existing penthouse and related equipment on the roof of an existing five-story building as part of Verizon's wireless telecommunications network.

6. **Location Preference.** The *WTS Facilities Siting Guidelines* identify different types of buildings for the siting of wireless telecommunications facilities. Under the *Guidelines*, the Project is a Location Preference Number 1, as it is a preferred location for a publicly-used structure (hospital/health services).
7. **Radio Waves Range.** The Project Sponsor has stated that the proposed wireless network will transmit calls by radio waves operating in the 800 - 1900 Megahertz (MHZ) bands, which is regulated by the Federal Communications Commission (FCC) and which must comply with the FCC-adopted health and safety standards for electromagnetic radiation and radio frequency radiation.
8. **Radiofrequency (RF) Emissions:** The project sponsor retained Hammett & Edison, Inc., a radio engineering consulting firm, to prepare a report describing the expected RF emissions from the proposed facility. Pursuant to the *Guidelines*, the Department of Public Health reviewed the report and determined that the proposed facility complies with the standards set forth in the *Guidelines*.
9. **Department of Public Health Review and Approval.** The proposed project was referred to the Department of Public Health (DPH) for emissions exposure analysis. Existing RF levels at ground level were less than 1% of the FCC public exposure limit. There were no other observed similar antennas within 100 feet of this site. Verizon proposes to install nine new antennas. The antennas will be flush mounted on an existing penthouse at a height of approximately 85 feet above the ground. The estimated ambient RF field from

the proposed Verizon transmitters at ground level is calculated to be 0.0013 mW/sq cm, which is .23% of the FCC public exposure limit. The three dimensional perimeter of RF levels equal to the public exposure limit extends 30 feet and does not reach the roof of the building or any publicly accessible areas. Warning signs must be posted at the antennas and roof access points in English, Spanish, and Chinese. Workers should not have access to within six feet of the front of the antennas while in operation.

10. **Maintenance Schedule.** The proposed facility would operate without on-site staff but with a maintenance crew visiting the property approximately two or three times a month and on an as-needed basis to service and monitor the facility.
11. **Community Outreach.** Per the *Guidelines*, the project sponsor held a Community Outreach Meeting for the proposed project. The meeting began at 7:00 P.M. on Thursday, April 28, 2011 at the Richmond/Senator Milton Marks Branch Library, located at 351 Ninth Avenue, San Francisco. 32 members of the public attended the meeting.
12. **Five-year plan:** Per the *Guidelines*, the project sponsor submitted its latest five-year plan, as required, in April 2011.
13. **Public Comment:** As of July 11, 2011, the Department has received one phone call in opposition to the proposal. The callers concerns were health related. In addition, the Community Outreach Sign-in Sheet indicates that 5 attendees of the meeting oppose the proposal.
14. **Planning Code Compliance.** The Commission finds that the Project is consistent with the relevant provisions of the Planning Code in the following manner:
  - A. **Use.** Per Planning Code Sections 209.6(b), a Conditional Use authorization is required for the installation of wireless transmission facilities.
15. **Planning Code Section 303** establishes criteria for the Planning Commission to consider when reviewing applications for Conditional Use approval. On balance, the project does comply with said criteria in that:
  - A. The proposed new uses and building, at the size and intensity contemplated and at the proposed location, will provide a development that is necessary or desirable, and compatible with, the neighborhood or the community.
    - i *Desirable: San Francisco is a leader of the technological economy; it is important and desirable to the vitality of the city to have and maintain adequate telecommunications coverage and data capacity. This includes the installation and upgrading of systems to keep up with changing technology and increases in usage. It is desirable for the City to allow wireless facilities to be installed.*

*The proposed project at 4141 Geary Blvd./450 – 6<sup>th</sup> Avenue will be generally desirable and compatible with the surrounding neighborhood because the project will not conflict with the existing uses of the property and will be of such size and nature to be compatible with the surrounding nature of the vicinity. The approval of this authorization has been found, first and foremost, to insure public safety, and insure that the placement of antennas and related support and protection features are so located, designed, and treated architecturally to minimize their visibility from public places, to avoid intrusion into public vistas, avoid disruption of the architectural design integrity of building and insure harmony with neighborhood character.*

- ii *Necessary: In the case of wireless installations, there are two criteria that the Commission reviews: coverage and capacity.*

*Coverage: San Francisco does have sufficient overall wireless coverage (note that this is separate from carrier service). It is necessary for San Francisco to have as much coverage as possible in terms of wireless facilities. Due to the topography and tall buildings in San Francisco, unique coverage issues arise because the hills and buildings break up coverage. Thus, telecommunication carriers often install additional installations to make sure coverage is sufficient.*

*Capacity: While a carrier may have adequate coverage in a certain area, the capacity may not be sufficient. With the continuous innovations in wireless data technology and demand placed on existing infrastructure, individual telecommunications carriers must upgrade and in some instances expand their facilities network to be able to have proper data distribution. It is necessary for San Francisco, as a leader in technology, to have adequate capacity.*

*The proposed project at 4141 Geary Blvd./450 – 6<sup>th</sup> Avenue is necessary in order to achieve sufficient street, in-transit and in-building mobile phone coverage. Recent drive tests in the subject area conducted by the Verizon Radio Frequency Engineering Team provide conclusive evidence that the subject property is the most viable location, based on factors including quality of coverage, population density, land use compatibility, zoning and aesthetics. The proposed coverage area will serve the vicinity bounded by Fulton Street, 20th Avenue, Lake Street and Arguello Boulevard, as indicated in the coverage maps. This facility will fill in the gaps to improve coverage in the Inner Richmond District as well as to provide necessary facilities for emergency transmission and improved communication for the neighborhood, community and the region.*

- B. The proposed project will not be detrimental to the health, safety, convenience or general welfare of persons residing or working in the vicinity. There are no features of the project that could be detrimental to the health, safety or convenience of those residing or working the area, in that:
  - i Nature of proposed site, including its size and shape, and the proposed size, shape and arrangement of structures;

*The proposed project must comply with all applicable Federal and State regulations to safeguard the health, safety and to ensure that persons residing or working in the vicinity will not be affected, and prevent harm to other personal property.*

*The Department of Public Health conducted an evaluation of potential health effects from Radio Frequency radiation, and has concluded that the proposed wireless transmission facilities will have no adverse health effects if operated in compliance with the FCC-adopted health and safety standards. The Department has received information that the proposed wireless system must be operated so as not to interfere with radio or television reception in order to comply with the provisions of its license under the FCC.*

*The Planning Department is developing a database of all such wireless communications facilities operating or proposed for operation in the City and County of San Francisco. All applicants are now required to submit information on the location and nature of all existing and approved wireless transmission facilities operated by the Project Sponsor. The goal of this effort is to foster public information as to the location of these facilities.*

- ii The accessibility and traffic patterns for persons and vehicles, the type and volume of such traffic, and the adequacy of proposed off-street parking and loading;

*No increase in traffic volume is anticipated with the facilities operating unmanned, with a single maintenance crew visiting the site two to three times a month or on an as-needed basis.*

- iii The safeguards afforded to prevent noxious or offensive emissions such as noise, glare, dust and odor;

*While some noise and dust may result from the erection of the antennas and transceiver equipment, noise or noxious emissions from continued use are not likely to be significantly greater than ambient conditions due to the operation of the wireless communication network.*

- iv Treatment given, as appropriate, to such aspects as landscaping, screening, open spaces, parking and loading areas, service areas, lighting and signs;

*The antennas are proposed to be flush mounted to the north, east and south facades of an existing penthouse and screened from view with RF transparent material painted to match the penthouse. Mechanical equipment would be located on the fifth floor roof of subject building adjacent to the penthouse.*

- C. That the use as proposed will comply with the applicable provisions of the Planning Code and will not adversely affect the General Plan.

*The project complies with all relevant requirements and standards of the Planning Code and is consistent with objectives and policies of the General Plan as detailed below.*

- D. That the use as proposed would provide development that is in conformity with the purpose of the applicable Neighborhood Commercial District.

*The proposed project is consistent with the stated purpose of the RM-1 (Mixed, Low Density) and NC-3 (Neighborhood Commercial, Moderate Scale) Districts in that the intended use is located on an existing building at a height of approximately 85 feet from grade and designed to resemble the existing penthouse.*

16. General Plan Compliance. The Project is, on balance, consistent with the following Objectives and Policies of the General Plan

#### **2004 HOUSING ELEMENT**

##### **HOUSING DENSITY, DENSITY, DESIGN & QUALITY OF LIFE**

**OBJECTIVE 11 - IN INCREASING THE SUPPLY OF HOUSING, PURSUE PLACE MAKING AND NEIGHBORHOOD BUILDING PRINCIPLES AND PRACTICES TO MAINTAIN SAN FRANCISCO'S DESIRABLE URBAN FABRIC AND ENHANCE LIVABILITY IN ALL NEIGHBORHOODS.**

**POLICY 11.2 - Ensure housing is provided with adequate public improvements, services, and amenities.**

*The project will improve Verizon Mobility coverage in residential, commercial and recreational areas along primary transportation routes in San Francisco.*

#### **2009 HOUSING ELEMENT**

##### **BALANCE HOUSING CONSTRUCTION AND COMMUNITY INFRASTRUCTURE**

**OBJECTIVE 12 - BALANCE HOUSING GROWTH WITH ADEQUATE INFRASTRUCTURE THAT SERVES THE CITY'S GROWING POPULATION.**

**POLICY 12.2 - Consider the proximity of quality of life elements, such as open space, child care, and neighborhood services, when developing new housing units.**

**POLICY 12.3 - Ensure new housing is sustainable supported by the City's public infrastructure systems.**

*The project will improve Verizon Mobility coverage in residential, commercial and recreational areas along primary transportation routes in San Francisco.*

## URBAN DESIGN

### HUMAN NEEDS

**OBJECTIVE 4 - IMPROVEMENT OF THE NEIGHBORHOOD ENVIRONMENT TO INCREASE PERSONAL SAFETY, COMFORT, PRIDE AND OPPORTUNITY.**

**POLICY 4.14 - Remove and obscure distracting and cluttering elements.**

*The project adequately "stealths" the proposed antennas and related equipment by locating the antennas within screening and the equipment on a building roof and set back from the property line.*

## COMMERCE AND INDUSTRY ELEMENT

### Objectives and Policies

#### OBJECTIVE 1:

**MANAGE ECONOMIC GROWTH AND CHANGE TO ENSURE ENHANCEMENT OF THE TOTAL CITY LIVING AND WORKING ENVIRONMENT.**

##### Policy 1:

Encourage development, which provides substantial net benefits and minimizes undesirable consequences. Discourage development, which has substantial undesirable consequences that cannot be mitigated.

##### Policy 2:

Assure that all commercial and industrial uses meet minimum, reasonable performance standards.

*The project would enhance the total city living and working environment by providing communication services for residents and workers within the City. Additionally, the project would comply with Federal, State and Local performance standards.*

#### OBJECTIVE 2:

**MAINTAIN AND ENHANCE A SOUND AND DIVERSE ECONOMIC BASE AND FISCAL STRUCTURE FOR THE CITY.**

##### Policy 1:

Seek to retain existing commercial and industrial activity and to attract new such activity to the city.

##### Policy 3:

Maintain a favorable social and cultural climate in the city in order to enhance its attractiveness as a firm location.

*The site is an integral part of a wireless communications network that will enhance the City's diverse economic base.*

**OBJECTIVE 4:**

IMPROVE THE VIABILITY OF EXISTING INDUSTRY IN THE CITY AND THE ATTRACTIVENESS OF THE CITY AS A LOCATION FOR NEW INDUSTRY.

**Policy 1:**

Maintain and enhance a favorable business climate in the City.

**Policy 2:**

Promote and attract those economic activities with potential benefit to the City.

*The project would benefit the City by enhancing the business climate through improved communication services for residents and workers.*

**VISITOR TRADE**

**OBJECTIVE 8 - ENHANCE SAN FRANCISCO'S POSITION AS A NATIONAL CENTER FOR CONVENTIONS AND VISITOR TRADE.**

**POLICY 8.3 -** Assure that areas of particular visitor attraction are provided with adequate public services for both residents and visitors.

*The project will ensure that residents and visitors have adequate public service in the form of Verizon's mobile telecommunications.*

**COMMUNITY SAFETY ELEMENT**

**Objectives and Policies**

**OBJECTIVE 3:**

ENSURE THE PROTECTION OF LIFE AND PROPERTY FROM THE EFFECTS OF FIRE OR NATURAL DISASTER THROUGH ADEQUATE EMERGENCY OPERATIONS PREPARATION.

**Policy 1:**

Maintain a local agency for the provision of emergency services to meet the needs of San Francisco.

**Policy 2:**

Develop and maintain viable, up-to-date in-house emergency operations plans, with necessary equipment, for operational capability of all emergency service agencies and departments.



**Policy 3:**

Maintain and expand agreements for emergency assistance from other jurisdictions to ensure adequate aid in time of need.

**Policy 4:**

Establish and maintain an adequate Emergency Operations Center.

**Policy 5:**

Maintain and expand the city's fire prevention and fire-fighting capability.

**Policy 6:**

Establish a system of emergency access routes for both emergency operations and evacuation.

*The project would enhance the ability of the City to protect both life and property from the effects of a fire or natural disaster by providing communication services.*

17. Planning Code Section 101.1(b) establishes eight priority-planning policies and requires review of permits for consistency with said policies. On balance, the project does comply with said policies in that:

- A. That existing neighborhood-serving retail uses be preserved and enhanced and future opportunities for resident employment in and ownership of such businesses be enhanced.

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*No neighborhood-serving retail use would be displaced and the wireless communications network will enhance personal communication services.*

- B. That existing housing and neighborhood character be conserved and protected in order to preserve the cultural and economic diversity of our neighborhoods.

*No residential uses would be displaced or altered in any way by the granting of this authorization.*

- C. That the City's supply of affordable housing be preserved and enhanced.

*The project would have no adverse impact on housing in the vicinity.*

- D. That commuter traffic not impede MUNI transit service or overburden our streets or neighborhood parking.

*Due to the nature of the project and minimal maintenance or repair, municipal transit service would not be impeded and neighborhood parking would not be overburdened.*

- E. That a diverse economic base be maintained by protecting our industrial and service sectors from displacement due to commercial office development, and that future opportunities for resident employment and ownership in these sectors be enhanced.

*The project would cause no displacement of industrial and service sector activity.*

- F. That the City achieve the greatest possible preparedness to protect against injury and loss of life in an earthquake.

*Compliance with applicable structural safety and seismic safety requirements would be considered during the building permit application review process.*

- G. That landmarks and historic buildings be preserved.

*The site contains a medical services/hospital building constructed in approximately 1970.*

- H. That our parks and open space and their access to sunlight and vistas be protected from development.

*The project will have no adverse effect on parks or open space, or their access to sunlight or vistas.*

18. The Project is consistent with and would promote the general and specific purposes of the Code provided under Section 101.1(b) in that, as designed, the Project would contribute to the character and stability of the neighborhood and would constitute a beneficial development.

19. The Commission hereby finds that approval of the Determination of Compliance authorization would promote the health, safety and welfare of the City.

Motion No. XXXX  
Hearing Date: July 28, 2011

CASE NO. 2010.0951C  
4141 Geary Blvd./450-6<sup>th</sup> Avenue

### DECISION

The Commission, after carefully balancing the competing public and private interests, and based upon the Recitals and Findings set forth above, in accordance with the standards specified in the Code, hereby approves the Conditional Use authorization under Planning Code Sections 209.6(b) and 303 to install up to nine panel antennas flush mounted to an existing penthouse and screened from view, and associated equipment cabinets on the roof of a five-story health services/hospital as part of a wireless transmission network operated by Verizon Wireless on a Location Preference One (Preferred Location – Publicly-used structure) according to the *Wireless Telecommunications Services (WTS) Siting Guidelines*, within the RM-1 (Mixed, Low Density) and NC-3 (Neighborhood Commercial, Moderate Scale) Zoning Districts, and a 80-E Height and Bulk District, and subject to the conditions of approval attached hereto as Exhibit A.

**APPEAL AND EFFECTIVE DATE OF MOTION:** Any aggrieved person may appeal this conditional use authorization to the Board of Supervisors within thirty (30) days after the date of this Motion No. XXXX. The effective date of this Motion shall be the date of this Motion if not appealed (after the 30-day period has expired) OR the date of the decision of the Board of Supervisors if appealed to the Board of Supervisors. For further information, please contact the Board of Supervisors at (415) 554-5184, City Hall, Room 244, 1 Dr. Carlton B. Goodlett Place, San Francisco, CA 94102.

I hereby certify that the foregoing Motion was adopted by the Planning Commission on July 28, 2011.

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Linda Avery  
Commission  
Secretary

AYES:

NAYS:

ABSENT:

ADOPTED: July 28, 2011

## EXHIBIT A

### AUTHORIZATION

This approval is for Conditional Use authorization under Planning Code Sections 209.6(b) and 303 to install a wireless telecommunications facility consisting of nine panel antennas with related equipment, a Location Preference 1 (Preferred Location – Publicly Use Structure) according to the Wireless Telecommunications Services (WTS) Siting Guidelines, as part of Verizon's wireless telecommunications network within the RM-1 (Mixed, Low Density) and NC-3 (Neighborhood Commercial, Moderate Scale) Zoning Districts, and a 80-E Height and Bulk District.

### RECORDATION OF CONDITIONS OF APPROVAL

Prior to the issuance of the building permit or commencement of use for the Project the Zoning Administrator shall approve and order the recordation of a Notice in the Official Records of the Recorder of the City and County of San Francisco for the subject property. This Notice shall state that the project is subject to the conditions of approval contained herein and reviewed and approved by the Planning Commission on July 28, 2011 under Motion No. XXXXX.

### PRINTING OF CONDITIONS OF APPROVAL ON PLANS

The conditions of approval under the 'Exhibit A' of this Planning Commission Motion No. XXXXX shall be reproduced on the Index Sheet of construction plans submitted with the Site or Building permit application for the Project. The Index Sheet of the construction plans shall reference to the Conditional Use authorization and any subsequent amendments or modifications.

### SEVERABILITY

The Project shall comply with all applicable City codes and requirements. If any clause, sentence, section or any part of these conditions of approval is for any reason held to be invalid, such invalidity shall not affect or impair other remaining clauses, sentences, or sections of these conditions. This decision conveys no right to construct, or to receive a building permit. "Project Sponsor" shall include any subsequent responsible party.

### CHANGES AND MODIFICATIONS

Changes to the approved plans may be approved administratively by the Zoning Administrator. Significant changes and modifications of conditions shall require Planning Commission approval of a new Conditional Use authorization.

## Conditions of Approval, Compliance, Monitoring, and Reporting PERFORMANCE

1. **Validity and Expiration.** The authorization and right vested by virtue of this action is valid for three years from the effective date of the Motion. A building permit from the Department of Building Inspection to construct the project and/or commence the approved use must be issued as this Conditional Use authorization is only an approval of the proposed project and conveys no independent right to construct the project or to commence the approved use. The Planning Commission may, in a public hearing, consider the revocation of the approvals granted if a site or building permit has not been obtained within three (3) years of the date of the Motion approving the Project. Once a site or building permit has been issued, construction must commence within the timeframe required by the Department of Building Inspection and be continued diligently to completion. The Commission may also consider revoking the approvals if a permit for the Project has been issued but is allowed to expire and more than three (3) years have passed since the Motion was approved.

*For information about compliance, contact Code Enforcement, Planning Department at 415-575-6863, [www.sf-planning.org](http://www.sf-planning.org).*

2. **Extension.** This authorization may be extended at the discretion of the Zoning Administrator only where failure to issue a permit by the Department of Building Inspection to perform said tenant improvements is caused by a delay by a local, State or Federal agency or by any appeal of the issuance of such permit(s).

*For information about compliance, contact Code Enforcement, Planning Department at 415-575-6863, [www.sf-planning.org](http://www.sf-planning.org).*

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## DESIGN – COMPLIANCE AT PLAN STAGE

3. **Plan Drawings - WTS.** Prior to the issuance of any building or electrical permits for the installation of the facilities, the Project Sponsor shall submit final scaled drawings for review and approval by the Planning Department ("Plan Drawings"). The Plan Drawings shall describe:
  - a. **Structure and Siting.** Identify all facility related support and protection measures to be installed. This includes, but is not limited to, the location(s) and method(s) of placement, support, protection, screening, paint and/or other treatments of the antennas and other appurtenances to insure public safety, insure compatibility with urban design, architectural and historic preservation principles, and harmony with neighborhood character.
  - b. **For the Project Site, regardless of the ownership of the existing facilities.** Identify the location of all existing antennas and facilities; and identify the location of all approved (but not installed) antennas and facilities.
  - c. **Emissions.** Provide a report, subject to approval of the Zoning Administrator, that operation of the facilities in addition to ambient RF emission levels will not exceed adopted FCC standards with regard to human exposure in uncontrolled areas.

*For information about compliance, contact the Case Planner, Planning Department at 415-558-6613, [www.sf-planning.org](http://www.sf-planning.org).*

4. **Screening - WTS.** To the extent necessary for information about compliance with adopted FCC regulations regarding human exposure to RF emissions, and upon the recommendation of the Zoning Administrator, the Project Sponsor shall:
  - a. Modify the placement of the facilities;
  - b. Install fencing, barriers or other appropriate structures or devices to restrict access to the facilities;
  - c. Install multi-lingual signage, including the RF radiation hazard warning symbol identified in ANSI C95.2 1982, to notify persons that the facility could cause exposure to RF emissions;
  - d. Implement any other practice reasonably necessary to ensure that the facility is operated in compliance with adopted FCC RF emission standards.
  - e. To the extent necessary to minimize visual obtrusion and clutter, installations shall conform to the following standards:
  - f. Antennas and back up equipment shall be painted, fenced, landscaped or otherwise treated architecturally so as to minimize visual effects;
  - g. Rooftop installations shall be setback such that back up facilities are not viewed from the street;
  - h. Antennae attached to building facades shall be so placed, screened or otherwise treated to minimize any negative visual impact; and
  - i. Although co location of various companies' facilities may be desirable, a maximum number of antennas and back up facilities on the Project Site shall be established, on a case by case basis, such that "antennae farms" or similar visual intrusions for the site and area is not created.

*For information about compliance, contact the Case Planner, Planning Department at 415-558-6613, [www.sf-planning.org](http://www.sf-planning.org).*

#### **MONITORING - AFTER ENTITLEMENT**

5. **Enforcement.** Violation of any of the Planning Department conditions of approval contained in this Motion or of any other provisions of Planning Code applicable to this Project shall be subject to the enforcement procedures and administrative penalties set forth under Planning Code Section 176 or Section 176.1. The Planning Department may also refer the violation complaints to other city departments and agencies for appropriate enforcement action under their jurisdiction.

*For information about compliance, contact Code Enforcement, Planning Department at 415-575-6863, [www.sf-planning.org](http://www.sf-planning.org).*

6. **Monitoring.** The Project requires monitoring of the conditions of approval in this Motion. The Project Sponsor or the subsequent responsible parties for the Project shall pay fees as established under Planning Code Section 351(e) (1) and work with the Planning Department for information about compliance.

*For information about compliance, contact Code Enforcement, Planning Department at 415-575-6863, [www.sf-planning.org](http://www.sf-planning.org).*

7. **Revocation due to Violation of Conditions.** Should implementation of this Project result in complaints from interested property owners, residents, or commercial lessees which are not resolved by the Project Sponsor and found to be in violation of the Planning Code and/or the specific Conditions of Approval for the Project as set forth in Exhibit A of this Motion, the Zoning Administrator shall refer such complaints to the Commission, after which it may hold a public hearing on the matter to consider revocation of this authorization.

*For information about compliance, contact Code Enforcement, Planning Department at 415-575-6863, [www.sf-planning.org](http://www.sf-planning.org).*

8. **Implementation and Monitoring Costs - WTS.**

- a. The Project Sponsor, on an equitable basis with other WTS providers, shall pay the cost of preparing and adopting appropriate General Plan policies related to the placement of WTS facilities. Should future legislation be enacted to provide for cost recovery for planning, the Project Sponsor shall be bound by such legislation.
- b. The Project Sponsor or its successors shall be responsible for the payment of all reasonable costs associated with the monitoring of the conditions of approval contained in this authorization, including costs incurred by this Department, the Department of Public Health, the Department of Electricity and Telecommunications, Office of the City Attorney, or any other appropriate City Department or agency pursuant to Planning Code Section 351(f) (2). The Planning Department shall collect such costs on behalf of the City.
- c. The Project Sponsor shall be responsible for the payment of all fees associated with the installation of the subject facility, which are assessed by the City pursuant to all applicable law.

*For information about compliance, contact Code Enforcement, Planning Department at 415-575-6863, [www.sf-planning.org](http://www.sf-planning.org).*

9. **Implementation and Monitoring - WTS.** In the event that the Project implementation report includes a finding that RF emissions for the site exceed FCC Standards in any uncontrolled location, the Zoning Administrator may require the Applicant to immediately cease and desist operation of the facility until such time that the violation is corrected to the satisfaction of the Zoning Administrator.

*For information about compliance, contact Code Enforcement, Planning Department at 415-575-6863, [www.sf-planning.org](http://www.sf-planning.org).*

10. **Project Implementation Report - WTS.** The Project Sponsor shall prepare and submit to the Zoning Administrator a Project Implementation Report. The Project Implementation Report shall:

- a. Identify the three dimensional perimeter closest to the facility at which adopted FCC standards for human exposure to RF emissions in uncontrolled areas are satisfied;
- b. Document testing that demonstrates that the facility will not cause any potential exposure to RF emissions that exceed adopted FCC emission standards for human exposure in uncontrolled areas.
- c. The Project Implementation Report shall compare test results for each test point with applicable FCC standards. Testing shall be conducted in compliance with FCC

regulations governing the measurement of RF emissions and shall be conducted during normal business hours on a non holiday weekday with the subject equipment measured while operating at maximum power.

- d. Testing, Monitoring, and Preparation. The Project Implementation Report shall be prepared by a certified professional engineer or other technical expert approved by the Department. At the sole option of the Department, the Department (or its agents) may monitor the performance of testing required for preparation of the Project Implementation Report. The cost of such monitoring shall be borne by the Project Sponsor pursuant to the condition related to the payment of the City's reasonable costs.
  - i. Notification and Testing. The Project Implementation Report shall set forth the testing and measurements undertaken pursuant to Conditions 2 and 4.
  - ii. Approval. The Zoning Administrator shall request that the Certification of Final Completion for operation of the facility not be issued by the Department of Building Inspection until such time that the Project Implementation Report is approved by the Department for compliance with these conditions.

*For information about compliance, contact the Environmental Health Section, Department of Public Health at (415) 252-3800, [www.sfdph.org](http://www.sfdph.org).*

11. Notification prior to Project Implementation Report - WTS. The Project Sponsor shall undertake to inform and perform appropriate tests for residents of any dwelling units located within 25 feet of the transmitting antenna at the time of testing for the Project Implementation Report.
  - a. At least twenty calendar days prior to conducting the testing required for preparation of the Project Implementation Report, the Project Sponsor shall mail notice to the Department, as well as to the resident of any legal dwelling unit within 25 feet of a transmitting antenna of the date on which testing will be conducted. The Applicant will submit a written affidavit attesting to this mail notice along with the mailing list.
  - b. When requested in advance by a resident notified of testing pursuant to subsection (a), the Project Sponsor shall conduct testing of total power density of RF emissions within the residence of that resident on the date on which the testing is conducted for the Project Implementation Report.

*For information about compliance, contact Code Enforcement, Planning Department at 415-575-6863, [www.sf-planning.org](http://www.sf-planning.org)*

12. Installation - WTS. Within 10 days of the installation and operation of the facilities, the Project Sponsor shall confirm in writing to the Zoning Administrator that the facilities are being maintained and operated in compliance with applicable Building, Electrical and other Code requirements, as well as applicable FCC emissions standards.

*For information about compliance, contact Code Enforcement, Planning Department at 415-575-6863, [www.sf-planning.org](http://www.sf-planning.org)*

13. Periodic Safety Monitoring - WTS. The Project Sponsor shall submit to the Zoning Administrator 10 days after installation of the facilities, and every two years thereafter, a certification attested to by a licensed engineer expert in the field of EMR/RF emissions, that the facilities are and have been operated within the then current applicable FCC standards for RF/EMF emissions.



*For information about compliance, contact the Environmental Health Section, Department of Public Health at (415) 252-3800, [www.sfdph.org](http://www.sfdph.org).*

## OPERATION

14. **Community Liaison.** Prior to issuance of a building permit application to construct the project and implement the approved use, the Project Sponsor shall appoint a community liaison officer to deal with the issues of concern to owners and occupants of nearby properties. The Project Sponsor shall provide the Zoning Administrator written notice of the name, business address, and telephone number of the community liaison. Should the contact information change, the Zoning Administrator shall be made aware of such change. The community liaison shall report to the Zoning Administrator what issues, if any, are of concern to the community and what issues have not been resolved by the Project Sponsor.

*For information about compliance, contact Code Enforcement, Planning Department at 415-575-6863, [www.sf-planning.org](http://www.sf-planning.org)*

15. **Out of Service – WTS.** The Project Sponsor or Property Owner shall remove antennae and equipment that has been out of service or otherwise abandoned for a continuous period of six months.

*For information about compliance, contact Code Enforcement, Planning Department at 415-575-6863, [www.sf-planning.org](http://www.sf-planning.org)*

16. **Emissions Conditions – WTS.** It is a continuing condition of this authorization that the facilities be operated in such a manner so as not to contribute to ambient RF/EMF emissions in excess of then current FCC adopted RF/EMF emission standards; violation of this condition shall be grounds for revocation.

*For information about compliance, contact the Environmental Health Section, Department of Public Health at (415) 252-3800, [www.sfdph.org](http://www.sfdph.org).*

17. **Noise and Heat – WTS.** The WTS facility, including power source and cooling facility, shall be operated at all times within the limits of the San Francisco Noise Control Ordinance. The WTS facility, including power source and any heating/cooling facility, shall not be operated so as to cause the generation of heat that adversely affects a building occupant.

*For information about compliance, contact the Environmental Health Section, Department of Public Health at (415) 252-3800, [www.sfdph.org](http://www.sfdph.org).*

18. **Transfer of Operation – WTS.** Any carrier/provider authorized by the Zoning Administrator or by the Planning Commission to operate a specific WTS installation may assign the operation of the facility to another carrier licensed by the FCC for that radio frequency provided that such transfer is made known to the Zoning Administrator in advance of such operation, and all conditions of approval for the subject installation are carried out by the new carrier/provider.

*For information about compliance, contact Code Enforcement, Planning Department at 415-575-6863, [www.sf-planning.org](http://www.sf-planning.org)*

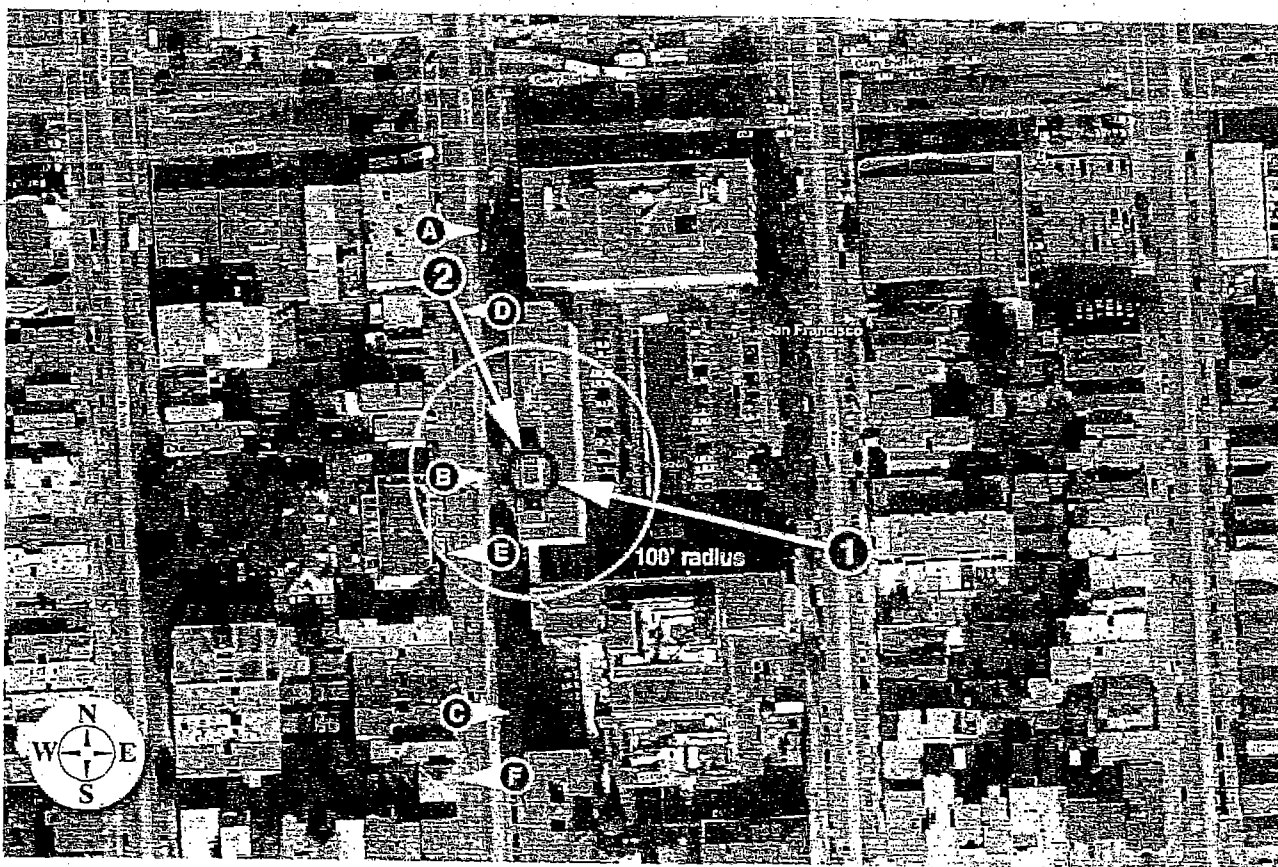
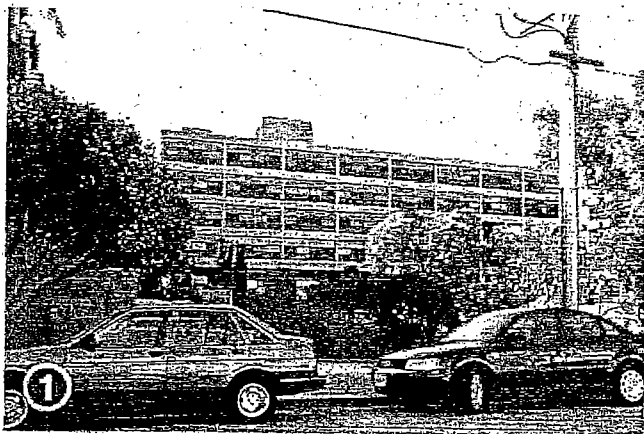
Motion No. XXXX  
Hearing Date: July 28, 2011

CASE NO. 2010.0951C  
4141 Geary Blvd./450-6<sup>th</sup> Avenue

19. **Compatibility with City Emergency Services – WTS.** The facility shall not be operated or caused to transmit on or adjacent to any radio frequencies licensed to the City for emergency telecommunication services such that the City's emergency telecommunications system experiences interference, unless prior approval for such has been granted in writing by the City.

*For information about compliance, contact the Department of Technology, 415-581-4000, <http://sfgov3.org/index.aspx?page=1421>*

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Motion.doc



verizon wireless

Geary WA

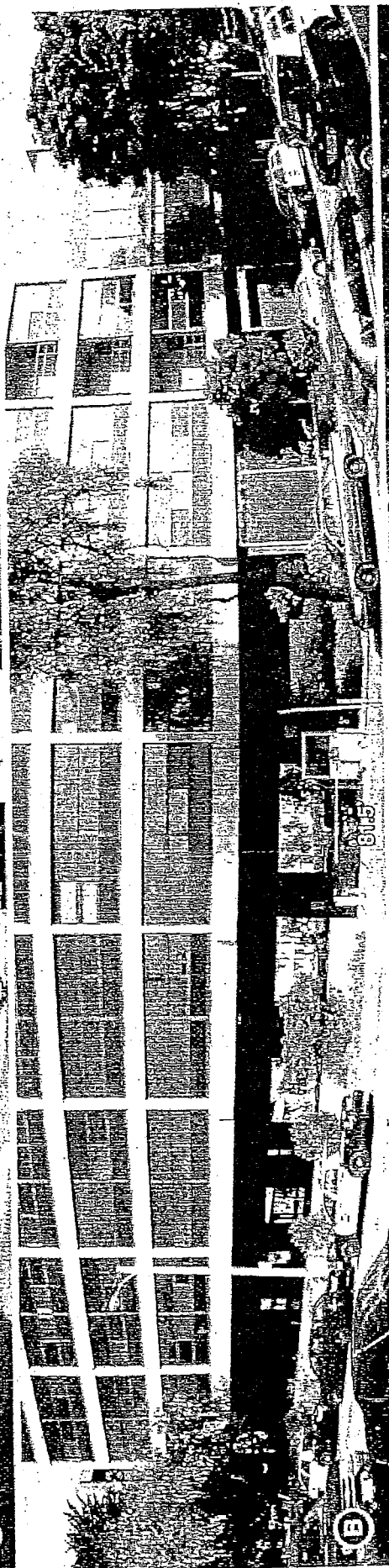
Site # 161541

Aerial Map

10/04/10

450 6th Avenue and 4141 Geary Boulevard  
San Francisco, CA 94118

Applied Imagination 510 314-0500



Photosurvey 1

Geary WA Site # 161541  
450 6th Avenue and 4141 Geary Boulevard  
San Francisco, CA 94118

verizon wireless

10/06/09

Applied Imaginaton 510 814-0500

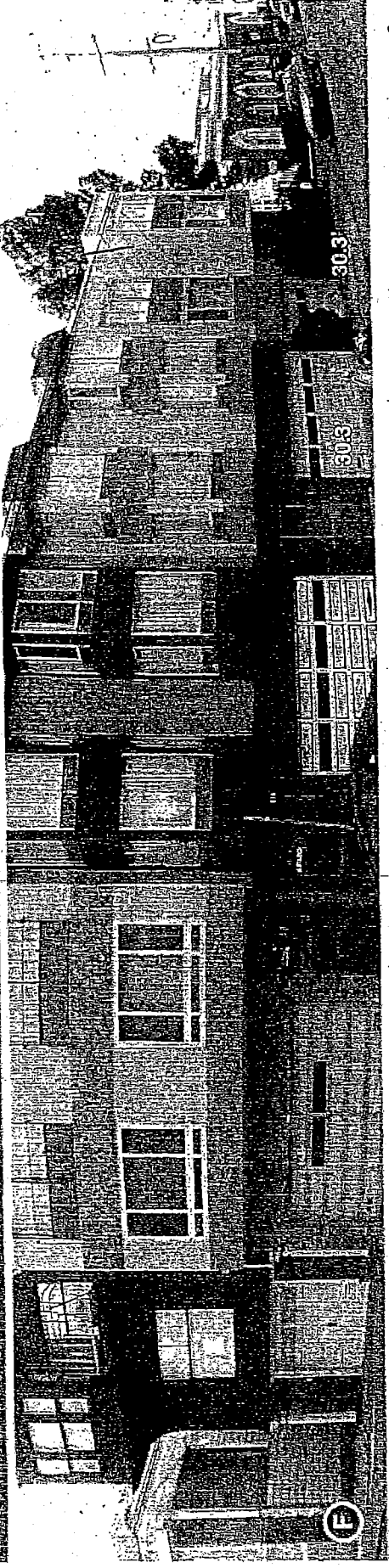
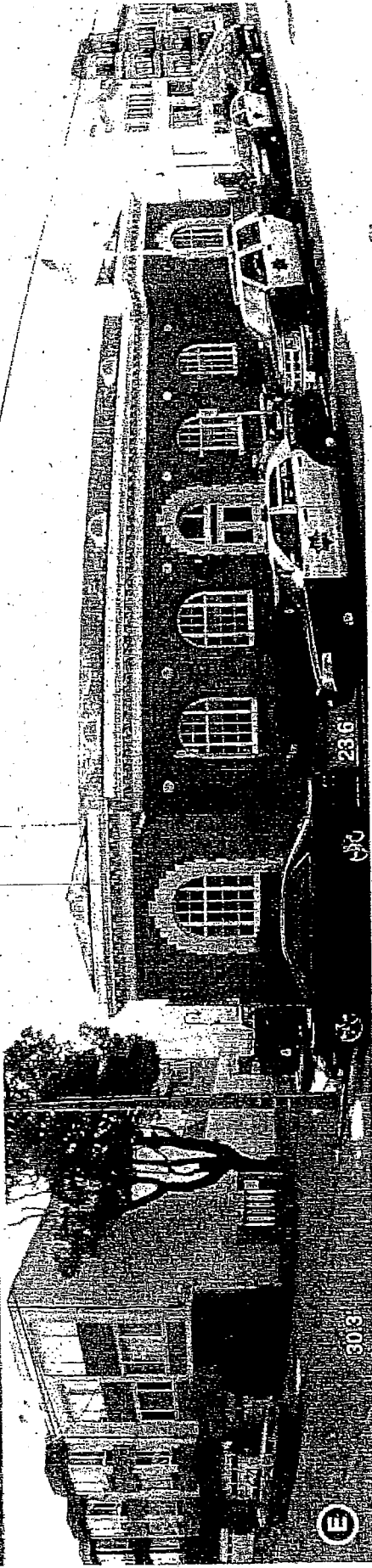
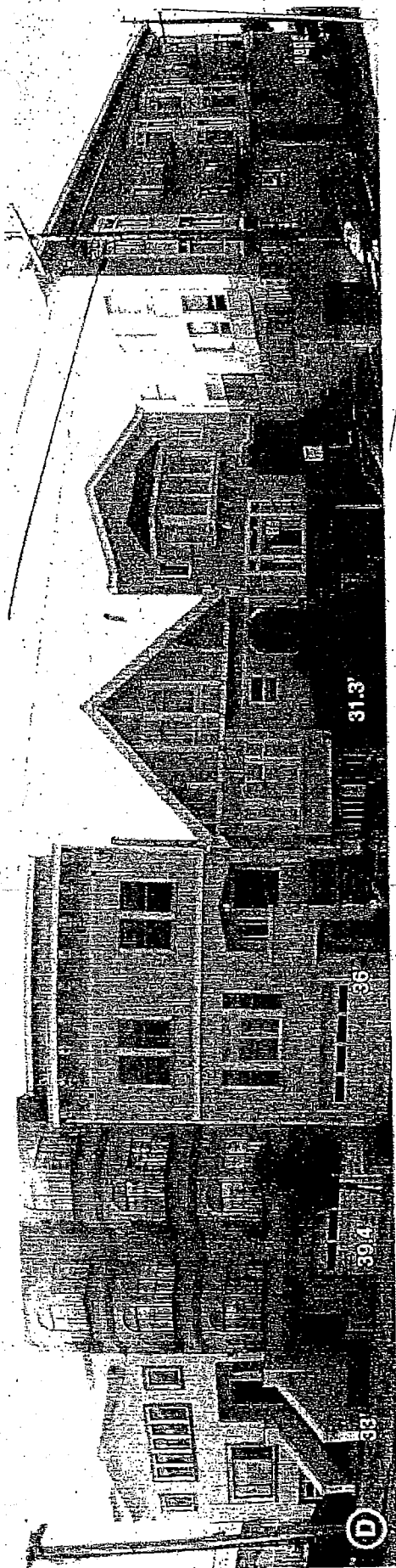


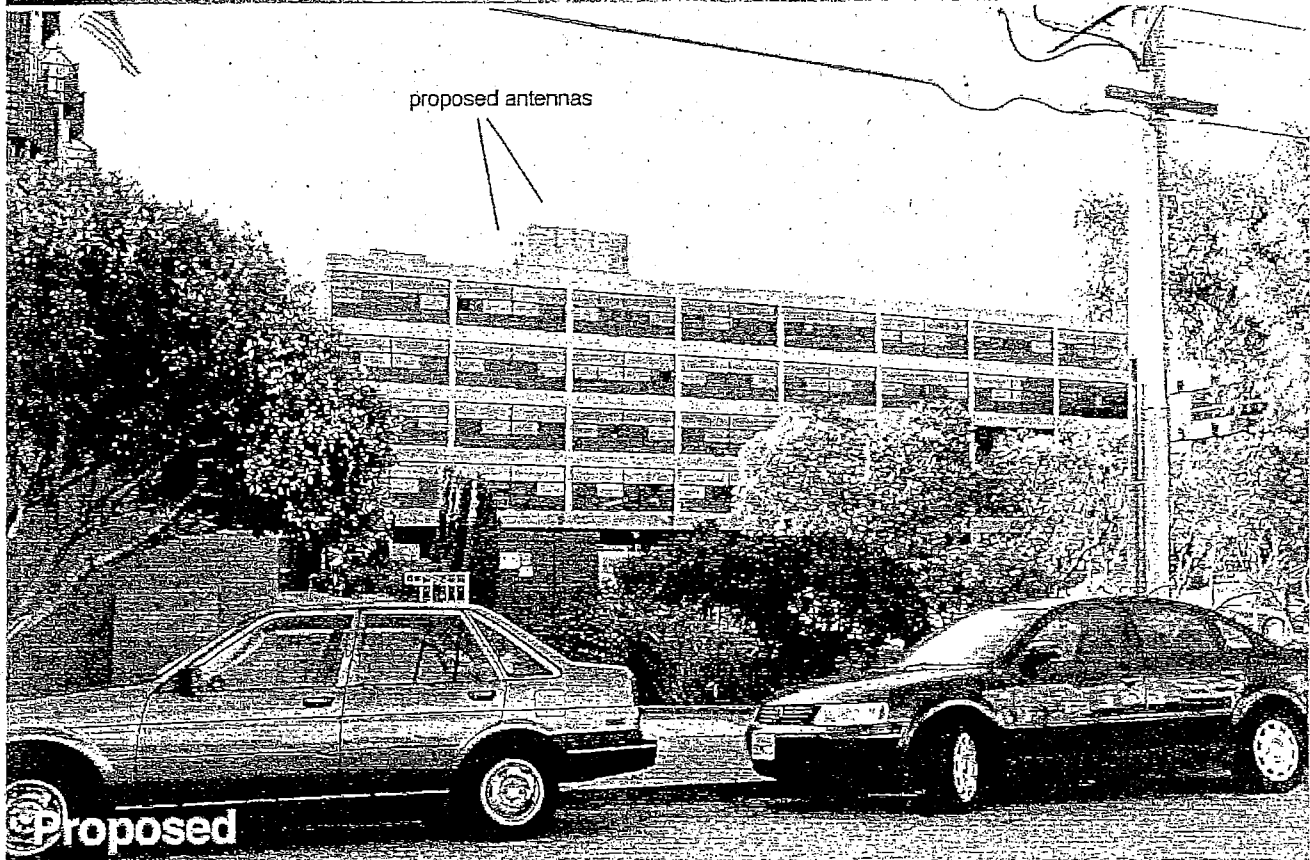
Photo survey 2

Applied Imaginastion 310 814-6200

Geary WA Site # 161541  
450 8th Avenue and 4141 Geary Boulevard  
San Francisco, CA 94118

1006/09





verizon  
wireless

Geary WA

Site # 161541

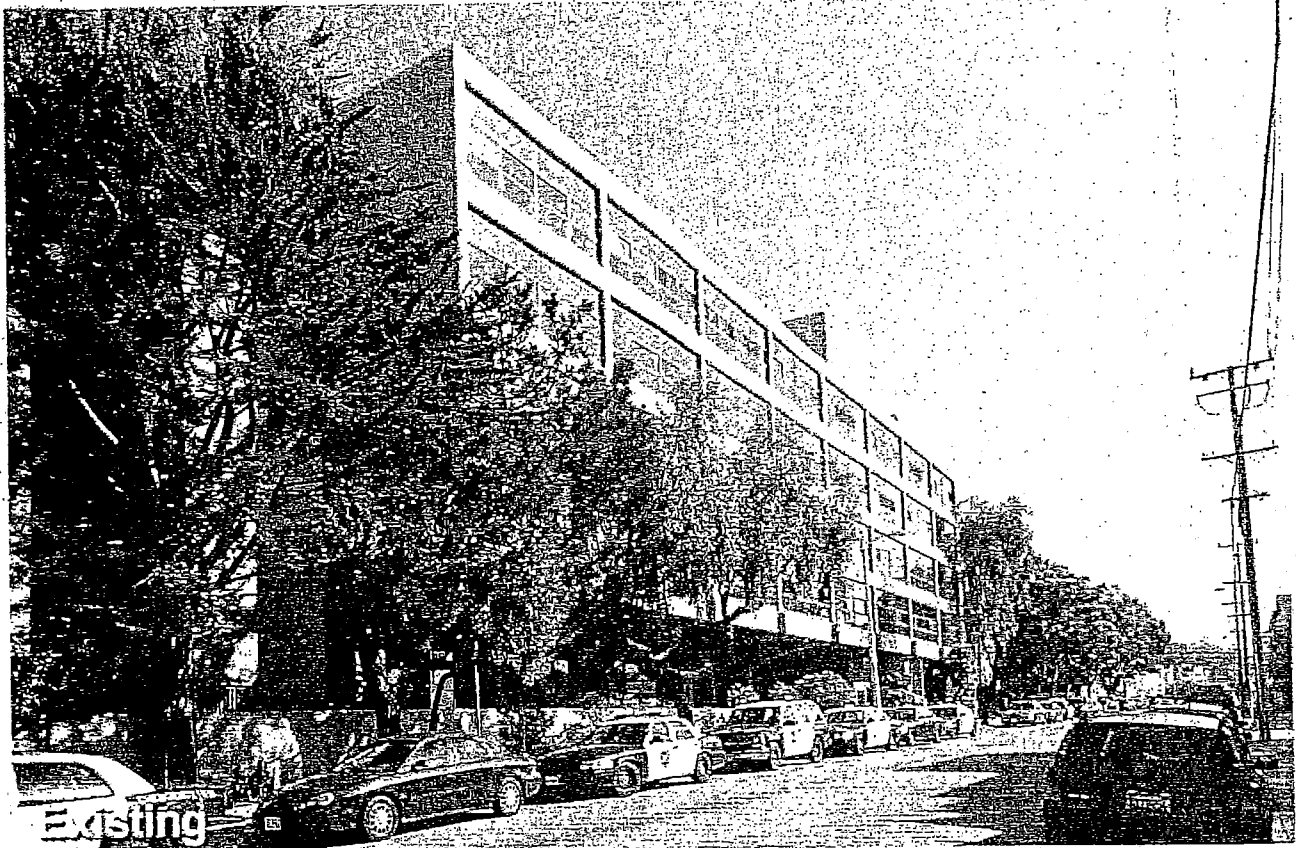
Looking Northwest from 5th Avenue

View #1

10/04/10

450 6th Avenue and 4141 Geary Boulevard  
San Francisco, CA 94118

Applied Imagination 510 914-0500



verizon wireless

Geary WA

Site # 161541

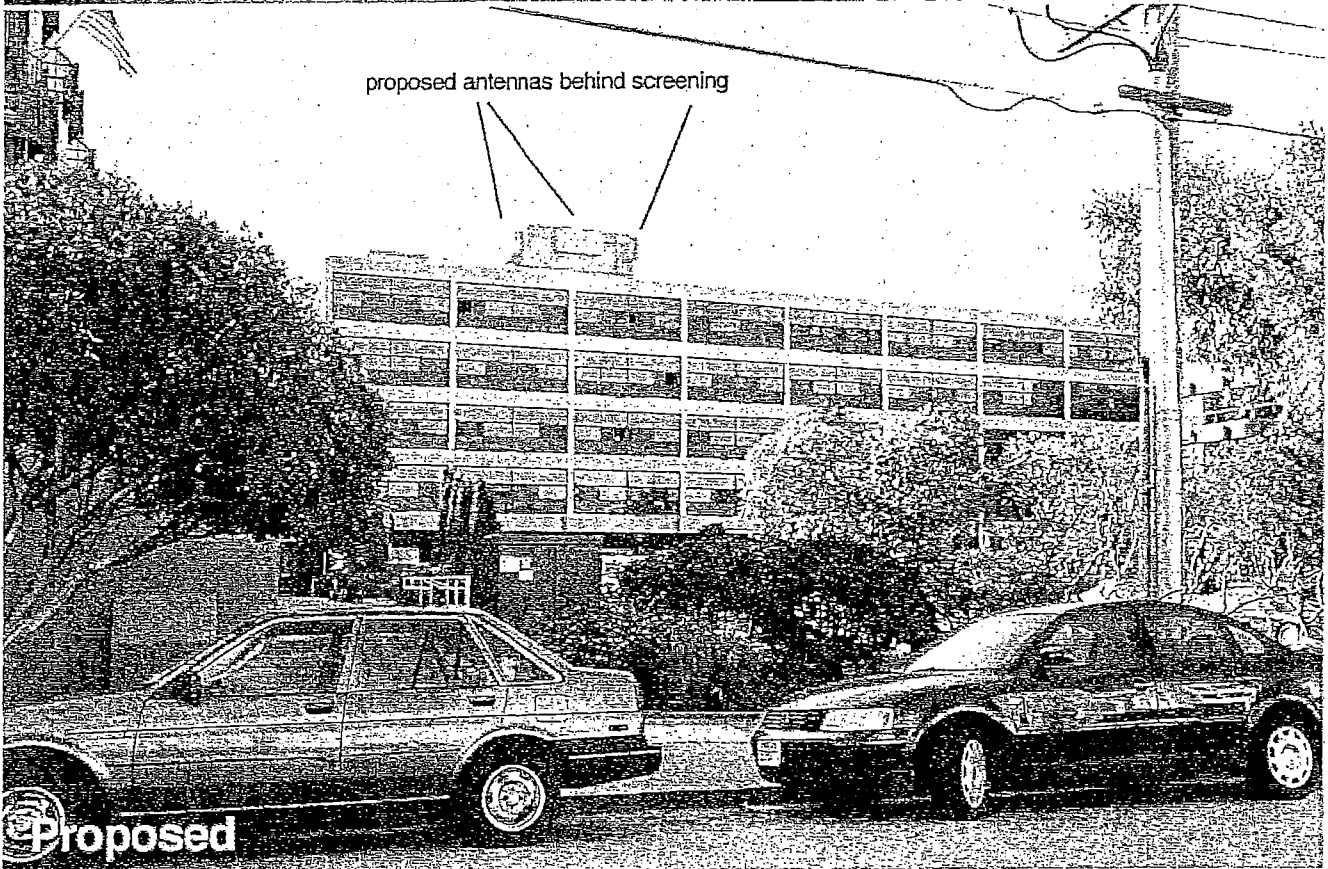
Looking South from 6th Avenue

10/04/10

450 6th Avenue and 4141 Geary Boulevard  
San Francisco, CA 94118

View #2

Applied Imagination 510 914-0500



verizon wireless

Geary WA

Site # 161541

Looking Northwest from 5th Avenue

View #1

7/12/11

450 6th Avenue  
San Francisco, CA 94118

Applied Imagination 510 914-0500





verizon wireless

Geary WA Site # 161541

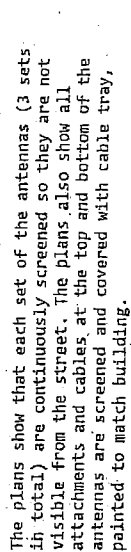
Looking South from 6th Avenue

7/12/11

450 6th Avenue  
San Francisco, CA 94118

View #2

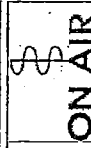
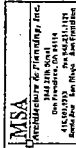
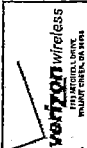
Applied Imagination 510 914-0500



SITE NAME:  
GEARY WA

SITE NUMBER:  
161541

450 6TH AVENUE  
4141 GEARY BOULEVARD  
SAN FRANCISCO, CA 94118  
SAN FRANCISCO COUNTY



AMC 204	PROJECT NO.	151541	LU	RZ	151541
	DISPATCH BY:				
	CHECKED BY:				
	ISSUED FILED	151541			
	SUBMITTALS				
	1. MATERIALS COMPANION				
	2. DESIGNATION SHEET				
	3. MATERIAL SPEC				
	4. MATERIAL SPEC				
	5. MATERIAL SPEC				
	6. MATERIAL SPEC				
	7. MATERIAL SPEC				
	8. MATERIAL SPEC				
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	97. MATERIAL SPEC				
	98. MATERIAL SPEC				
	99. MATERIAL SPEC				
	100. MATERIAL SPEC				

SITE  
161541  
GEARY WA  
450 6TH AVENUE  
4141 GEARY BOULEVARD  
SAN FRANCISCO, CA 94118  
SAN FRANCISCO COUNTY

SHEET TITLE

T-1  
SHEET NUMBER

ITEM	DESCRIPTION	REMARKS
1-1	TITLE SHEET	
1-2	1ST FLOOR	
1-3	2ND FLOOR	
1-4	3RD FLOOR	
1-5	4TH FLOOR	
1-6	5TH FLOOR	
1-7	6TH FLOOR	
1-8	7TH FLOOR	
1-9	8TH FLOOR	
1-10	9TH FLOOR	
1-11	10TH FLOOR	
1-12	11TH FLOOR	
1-13	12TH FLOOR	
1-14	13TH FLOOR	
1-15	14TH FLOOR	
1-16	15TH FLOOR	
1-17	16TH FLOOR	
1-18	17TH FLOOR	
1-19	18TH FLOOR	
1-20	19TH FLOOR	
1-21	20TH FLOOR	
1-22	21ST FLOOR	
1-23	22ND FLOOR	
1-24	23RD FLOOR	
1-25	24TH FLOOR	
1-26	25TH FLOOR	
1-27	26TH FLOOR	
1-28	27TH FLOOR	
1-29	28TH FLOOR	
1-30	29TH FLOOR	
1-31	30TH FLOOR	
1-32	31ST FLOOR	
1-33	32ND FLOOR	
1-34	33RD FLOOR	
1-35	34TH FLOOR	
1-36	35TH FLOOR	
1-37	36TH FLOOR	
1-38	37TH FLOOR	
1-39	38TH FLOOR	
1-40	39TH FLOOR	
1-41	40TH FLOOR	
1-42	41ST FLOOR	
1-43	42ND FLOOR	
1-44	43RD FLOOR	
1-45	44TH FLOOR	
1-46	45TH FLOOR	
1-47	46TH FLOOR	
1-48	47TH FLOOR	
1-49	48TH FLOOR	
1-50	49TH FLOOR	
1-51	50TH FLOOR	
1-52	51ST FLOOR	
1-53	52ND FLOOR	
1-54	53RD FLOOR	
1-55	54TH FLOOR	
1-56	55TH FLOOR	
1-57	56TH FLOOR	
1-58	57TH FLOOR	
1-59	58TH FLOOR	
1-60	59TH FLOOR	
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1-64	63RD FLOOR	
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1-67	66TH FLOOR	
1-68	67TH FLOOR	
1-69	68TH FLOOR	
1-70	69TH FLOOR	
1-71	70TH FLOOR	
1-72	71ST FLOOR	
1-73	72ND FLOOR	
1-74	73RD FLOOR	
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1-76	75TH FLOOR	
1-77	76TH FLOOR	
1-78	77TH FLOOR	
1-79	78TH FLOOR	
1-80	79TH FLOOR	
1-81	80TH FLOOR	
1-82	81ST FLOOR	
1-83	82ND FLOOR	
1-84	83RD FLOOR	
1-85	84TH FLOOR	
1-86	85TH FLOOR	
1-87	86TH FLOOR	
1-88	87TH FLOOR	
1-89	88TH FLOOR	
1-90	89TH FLOOR	
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1-92	91ST FLOOR	
1-93	92ND FLOOR	
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1-95	94TH FLOOR	
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1-100	99TH FLOOR	
1-101	100TH FLOOR	
1-102	101ST FLOOR	
1-103	102ND FLOOR	
1-104	103RD FLOOR	
1-105	104TH FLOOR	
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1-108	107TH FLOOR	
1-109	108TH FLOOR	
1-110	109TH FLOOR	
1-111	110TH FLOOR	
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1-113	112ND FLOOR	
1-114	113RD FLOOR	
1-115	114TH FLOOR	
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1-117	116TH FLOOR	
1-118	117TH FLOOR	
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1-123	122ND FLOOR	
1-124	123RD FLOOR	
1-125	124TH FLOOR	
1-126	125TH FLOOR	
1-127	126TH FLOOR	
1-128	127TH FLOOR	
1-129	128TH FLOOR	
1-130	129TH FLOOR	
1-131	130TH FLOOR	
1-132	131ST FLOOR	
1-133	132ND FLOOR	
1-134	133RD FLOOR	
1-135	134TH FLOOR	
1-136	135TH FLOOR	
1-137	136TH FLOOR	
1-138	137TH FLOOR	</

[illegible][illegible]

3. TURN RIGHT ON VANDERVALE RD. - CO. 2.1 MI
4. CONTINUE ON HILLDALE AVE. - CO. 2.1 MI
5. TURN LEFT ON 1<sup>ST</sup> AVE. DRIVE ON CHERRY DR THROUGH CHERRY - CO. 13.6 MI
6. TAKE THE S.W. FARMWAY AND DRIVE 1/2 MILE TO TOWNARD SQ. - CO. 13.6 MI
7. TAKE THE S.W. FARMWAY LEFT ON ONE 1/2 MILE (CONTINUE ROAD) - CO. 14.2 MI
8. TAKE THE COUNTRY CLUB DRIVE ON US-101 N. - CO. 14.1 MI
9. TURN LEFT ON 1<sup>ST</sup> AVE. - CO. 14.1 MI
10. TURN LEFT ON FLORADO ST. - CO. 14.2 MI
11. TURN RIGHT ON FLORADO ST. - CO. 14.2 MI
12. TURN RIGHT ON FLORADO ST. - CO. 14.2 MI
13. TURN RIGHT ON ANGELOUS BLVD. - CO. 14.2 MI
14. TURN LEFT ON BOLTON ST. - CO. 14.3 MI
15. APPROX. 1/2 MILE SW. SAN FRANCISCO ON THE ROAD
16. APPROX. 1/2 MILE SW. SAN FRANCISCO ON THE ROAD

[illegible]

**ARCHITECT:**  
OWNER'S NAME  
ADDRESS  
CITY, STATE, ZIP  
TELEPHONE

**SURVEYOR:**  
DISCUSSANT'S NAME  
ADDRESS  
CITY, STATE, ZIP  
TELEPHONE

**PROJECT TEAM**

CONTRACTS AND INFORMATION AND INFORMATION  
CONTRACTS AS ADOPTED BY THE LOCAL GOVERNING AUTHORITIES.  
IN ACCORDANCE WITH THE CURRENT REGULATIONS, THE CONTRACTS TO BE  
WORK NOT CONTAINED IN THESE CODES.

1. CALIFORNIA ADMINISTRATIVE CODE  
2. U.S. TITLE 24 & 29, 2010  
3. CALIFORNIA ELECTRICAL CODE 2010  
4. CALIFORNIA ELECTRICAL CODE 2010  
5. CALIFORNIA ELECTRICAL CODE 2010  
6. CALIFORNIA ELECTRICAL CODE 2010  
7. CALIFORNIA FIRE CODE 2010  
8. U.S. ENVIRONMENTAL PROTECTION AGENCY CODE  
9. U.S. ENVIRONMENTAL PROTECTION AGENCY CODE  
10. U.S. BUILDING CODES  
11. U.S. BUILDING CODES

**CODE COMPLIANCE**

FIGURE 1: AN ILLUSTRATION OF THE COMPLIANCE REQUIREMENTS FOR THE  
HUMAN FACTORS REQUIREMENTS. THE COMPLIANCE REQUIREMENTS ARE NOT REQUIRED IN  
THE FOLLOWING CASES:  
2. PART 2, VOLUME 1, CHAPTER 118, SECTION 1122.2.  
EXCEPTION 1.

**ACCESSIBILITY DISCLAIMER**

NAME:	UNION AIRLINES	STREET:	2705 MADRELL DRIVE
ADDRESS:	2705 MADRELL DRIVE	CITY:	IRVING, TX 75039
CITY:	IRVING, TX 75039	STATE:	TX
COUNTRY:	USA	TELEPHONE:	(214) 276-6333
FAXING:			
AGENT:		STREET:	2705 MADRELL DRIVE
NAME:		CITY:	IRVING, TX 75039
ADDRESS:		STATE:	TX
CITY:		TELEPHONE:	(214) 276-6333
FAXING:			
NAME:	CLARK C. FORTNA C.L.	STREET:	2705 MADRELL DRIVE
ADDRESS:	CLARK C. FORTNA C.L.	CITY:	IRVING, TX 75039
CITY:	IRVING, TX 75039	STATE:	TX
COUNTRY:	USA	TELEPHONE:	(214) 276-6333
FAXING:			
NAME:	GABRIELA BARR, SITE ACQUISITION	STREET:	2705 MADRELL DRIVE
ADDRESS:	GABRIELA BARR, SITE ACQUISITION	CITY:	IRVING, TX 75039
CITY:	IRVING, TX 75039	STATE:	TX
COUNTRY:	USA	TELEPHONE:	(214) 276-6333
FAXING:			

[illegible]

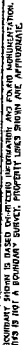


**SAN FRANCISCO FIRE DEPARTMENT PERMIT APPLICATION  
FOR CELLULAR ANTENNA SITES & ALL EQUIPMENT  
SERVING THE CELLULAR ANTENNA SITE**

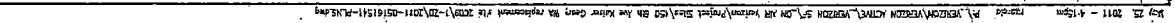
[illegible]

MATERNAL SAFETY DATA SHEET LEAD-ACID BATTERY		NORTHSTAR BATTERY	
1	Product Name: <b>LEAD-ACID BATTERY</b>	1	Product Name: <b>LEAD-ACID BATTERY</b>
2	Manufacturer: <b>Northstar Battery</b>	2	Manufacturer: <b>Northstar Battery</b>
3	Model: <b>NS-170-FI</b>	3	Model: <b>NS-170-FI</b>
4	Capacity: <b>170 Ah</b>	4	Capacity: <b>170 Ah</b>
5	Weight: <b>17.0 lbs</b>	5	Weight: <b>17.0 lbs</b>
6	Dimensions: <b>10.5" x 6.5" x 5.5"</b>	6	Dimensions: <b>10.5" x 6.5" x 5.5"</b>
7	Operating Temperature: <b>32°F to 125°F</b>	7	Operating Temperature: <b>32°F to 125°F</b>
8	Storage Temperature: <b>32°F to 125°F</b>	8	Storage Temperature: <b>32°F to 125°F</b>
9	Shelf Life: <b>3 years</b>	9	Shelf Life: <b>3 years</b>
10	Warranty: <b>3 years</b>	10	Warranty: <b>3 years</b>
11	Recycling Information: <b>Recycle at Northstar Battery</b>	11	Recycling Information: <b>Recycle at Northstar Battery</b>
12	Disposal Information: <b>Disposal at Northstar Battery</b>	12	Disposal Information: <b>Disposal at Northstar Battery</b>
13	Other Information: <b>See Northstar Battery</b>	13	Other Information: <b>See Northstar Battery</b>
14	Notes: <b>See Northstar Battery</b>	14	Notes: <b>See Northstar Battery</b>
15	Comments: <b>See Northstar Battery</b>	15	Comments: <b>See Northstar Battery</b>
16	Revision: <b>1.0</b>	16	Revision: <b>1.0</b>
17	Approval: <b>Northstar Battery</b>	17	Approval: <b>Northstar Battery</b>
18	Signature: <b>Northstar Battery</b>	18	Signature: <b>Northstar Battery</b>
19	Date: <b>1/1/2000</b>	19	Date: <b>1/1/2000</b>
20	Version: <b>1.0</b>	20	Version: <b>1.0</b>
21	Printed: <b>Northstar Battery</b>	21	Printed: <b>Northstar Battery</b>
22	Checked: <b>Northstar Battery</b>	22	Checked: <b>Northstar Battery</b>
23	Approved: <b>Northstar Battery</b>	23	Approved: <b>Northstar Battery</b>
24	Released: <b>Northstar Battery</b>	24	Released: <b>Northstar Battery</b>
25	Final: <b>Northstar Battery</b>	25	Final: <b>Northstar Battery</b>
26	Complete: <b>Northstar Battery</b>	26	Complete: <b>Northstar Battery</b>
27	Final Review: <b>Northstar Battery</b>	27	Final Review: <b>Northstar Battery</b>
28	Final Approval: <b>Northstar Battery</b>	28	Final Approval: <b>Northstar Battery</b>
29	Final Release: <b>Northstar Battery</b>	29	Final Release: <b>Northstar Battery</b>
30	Final Version: <b>Northstar Battery</b>	30	Final Version: <b>Northstar Battery</b>
31	Final Print: <b>Northstar Battery</b>	31	Final Print: <b>Northstar Battery</b>
32	Final Check: <b>Northstar Battery</b>	32	Final Check: <b>Northstar Battery</b>
33	Final Approval: <b>Northstar Battery</b>	33	Final Approval: <b>Northstar Battery</b>
34	Final Release: <b>Northstar Battery</b>	34	Final Release: <b>Northstar Battery</b>
35	Final Version: <b>Northstar Battery</b>	35	Final Version: <b>Northstar Battery</b>
36	Final Print: <b>Northstar Battery</b>	36	Final Print: <b>Northstar Battery</b>
37	Final Check: <b>Northstar Battery</b>	37	Final Check: <b>Northstar Battery</b>
38	Final Approval: <b>Northstar Battery</b>	38	Final Approval: <b>Northstar Battery</b>
39	Final Release: <b>Northstar Battery</b>	39	Final Release: <b>Northstar Battery</b>
40	Final Version: <b>Northstar Battery</b>	40	Final Version: <b>Northstar Battery</b>
41	Final Print: <b>Northstar Battery</b>	41	Final Print: <b>Northstar Battery</b>
42	Final Check: <b>Northstar Battery</b>	42	Final Check: <b>Northstar Battery</b>
43	Final Approval: <b>Northstar Battery</b>	43	Final Approval: <b>Northstar Battery</b>
44	Final Release: <b>Northstar Battery</b>	44	Final Release: <b>Northstar Battery</b>
45	Final Version: <b>Northstar Battery</b>	45	Final Version: <b>Northstar Battery</b>
46	Final Print: <b>Northstar Battery</b>	46	Final Print: <b>Northstar Battery</b>
47	Final Check: <b>Northstar Battery</b>	47	Final Check: <b>Northstar Battery</b>
48	Final Approval: <b>Northstar Battery</b>	48	Final Approval: <b>Northstar Battery</b>
49	Final Release: <b>Northstar Battery</b>	49	Final Release: <b>Northstar Battery</b>
50	Final Version: <b>Northstar Battery</b>	50	Final Version: <b>Northstar Battery</b>
51	Final Print: <b>Northstar Battery</b>	51	Final Print: <b>Northstar Battery</b>
52	Final Check: <b>Northstar Battery</b>	52	Final Check: <b>Northstar Battery</b>
53	Final Approval: <b>Northstar Battery</b>	53	Final Approval: <b>Northstar Battery</b>
54	Final Release: <b>Northstar Battery</b>	54	Final Release: <b>Northstar Battery</b>
55	Final Version: <b>Northstar Battery</b>	55	Final Version: <b>Northstar Battery</b>
56	Final Print: <b>Northstar Battery</b>	56	Final Print: <b>Northstar Battery</b>
57	Final Check: <b>Northstar Battery</b>	57	Final Check: <b>Northstar Battery</b>
58	Final Approval: <b>Northstar Battery</b>	58	Final Approval: <b>Northstar Battery</b>
59	Final Release: <b>Northstar Battery</b>	59	Final Release: <b>Northstar Battery</b>
60	Final Version: <b>Northstar Battery</b>	60	Final Version: <b>Northstar Battery</b>
61	Final Print: <b>Northstar Battery</b>	61	Final Print: <b>Northstar Battery</b>
62	Final Check: <b>Northstar Battery</b>	62	Final Check: <b>Northstar Battery</b>
63	Final Approval: <b>Northstar Battery</b>	63	Final Approval: <b>Northstar Battery</b>
64	Final Release: <b>Northstar Battery</b>	64	Final Release: <b>Northstar Battery</b>
65	Final Version: <b>Northstar Battery</b>	65	Final Version: <b>Northstar Battery</b>
66	Final Print: <b>Northstar Battery</b>	66	Final Print: <b>Northstar Battery</b>
67	Final Check: <b>Northstar Battery</b>	67	Final Check: <b>Northstar Battery</b>
68	Final Approval: <b>Northstar Battery</b>	68	Final Approval: <b>Northstar Battery</b>
69	Final Release: <b>Northstar Battery</b>	69	Final Release: <b>Northstar Battery</b>
70	Final Version: <b>Northstar Battery&lt;/</b>		

Battery Information				
Battery Electrolyte Type = 12V Alkaline				
Battery Model	Total of 8 Batteries Installed	fold Electrolyte Units	Total Supporting Electrolyte Volume (GAL)	Total Units X Volume/Unit (GAL)
NSB-170-FT Non-Hermetic Battery Cells	10	2.08 GAL	20.80 GAL	208 GAL/Unit













verizon wireless  
SOLUTIONS  
WIRELESS COMMUNICATIONS

**MSA**  
Architectural & Planning, Inc.  
3000 California Street, Suite 100  
San Francisco, CA 94115  
415.774.1000  
www.msa.com

**ON AIR**

PROJECT NO. 161541  
DRAWN BY: JH  
CHECKED BY: RL  
CADD FILE: 161541

**SUBMITTALS**

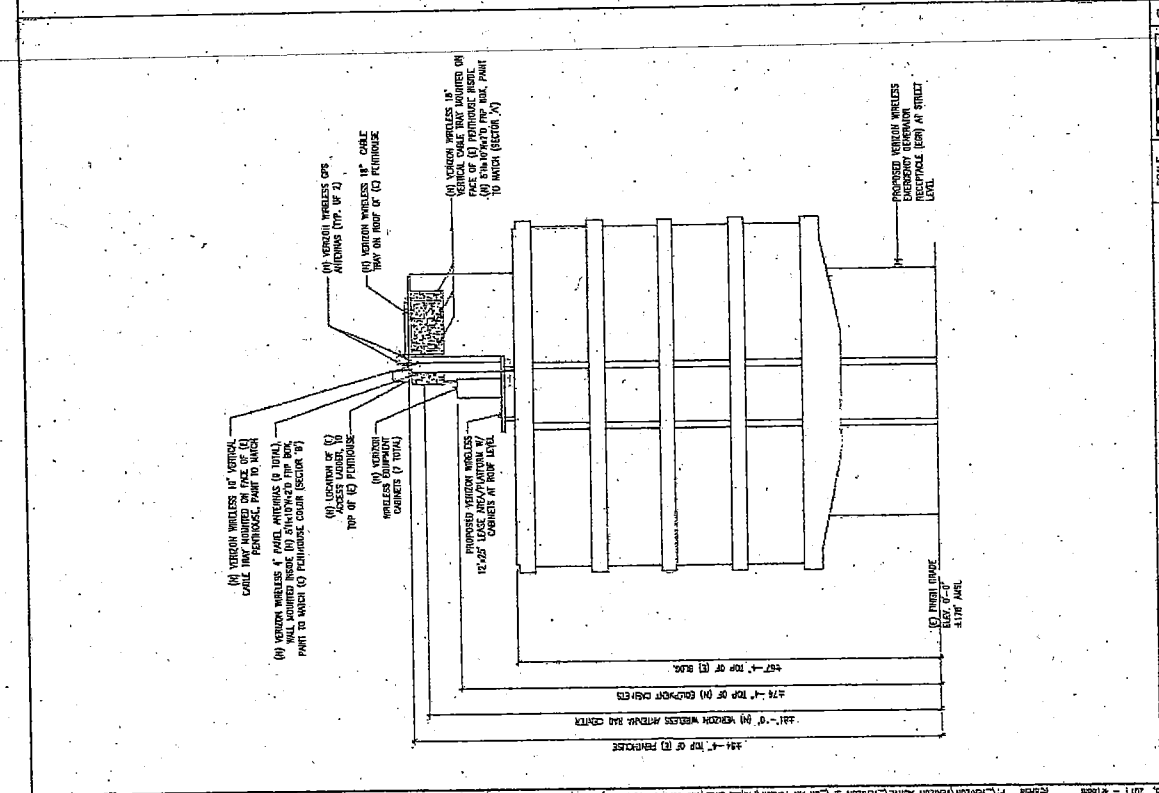
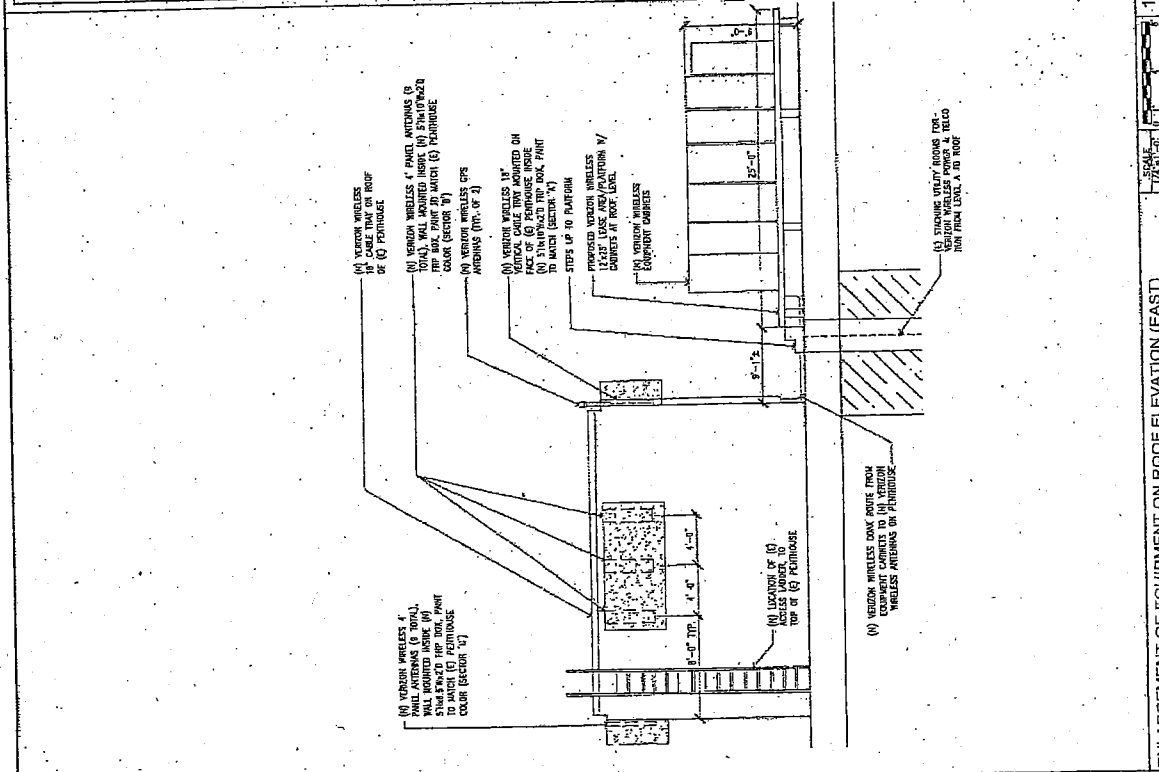
1. 161541 (DATE SUBMITTED)
2. 161541 (DATE SUBMITTED)
3. 161541 (DATE SUBMITTED)
4. 161541 (DATE SUBMITTED)
5. 161541 (DATE SUBMITTED)
6. 161541 (DATE SUBMITTED)
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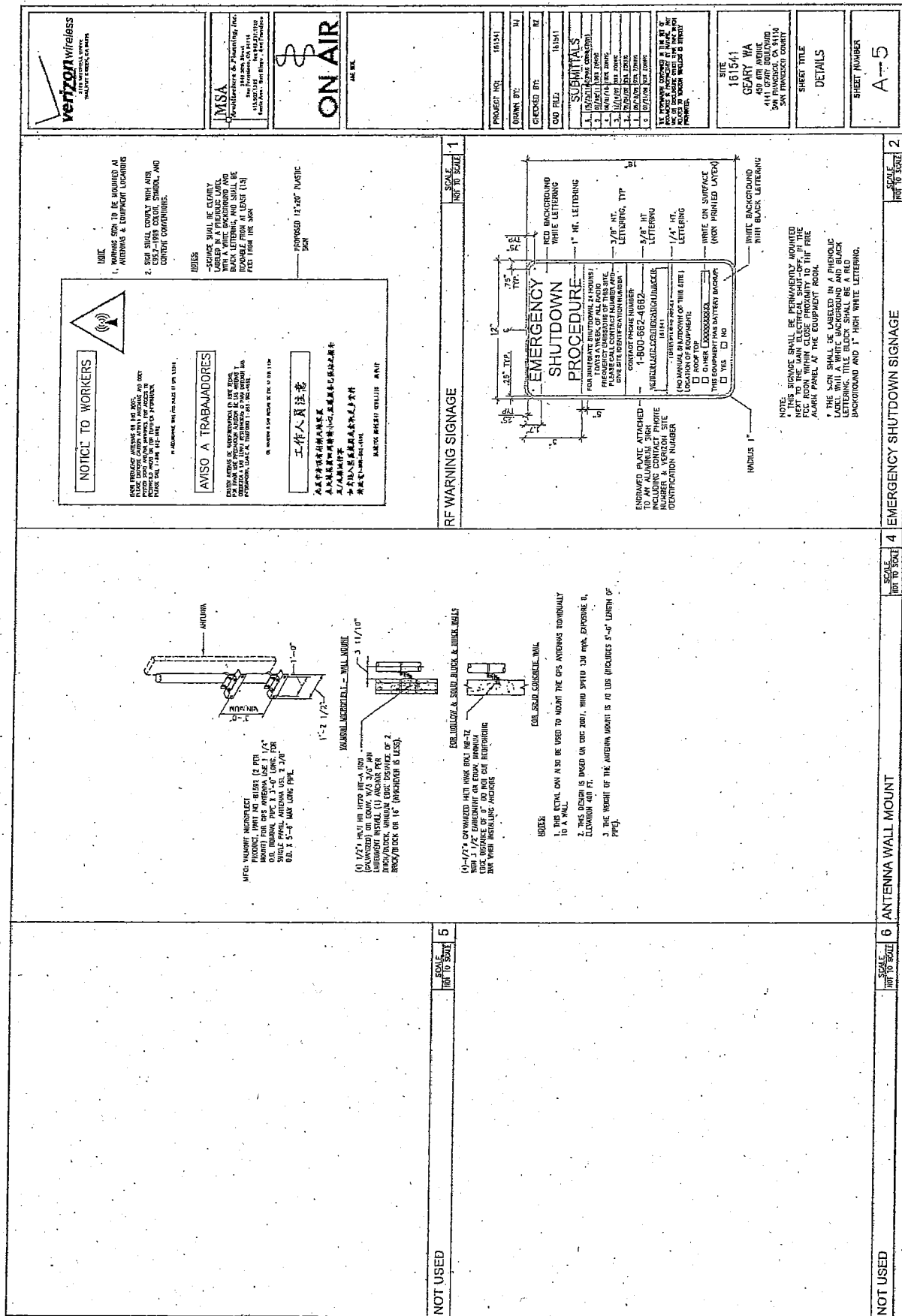
SEE COMMENTS ON SHEET 161541 FOR  
USE OF EQUIPMENT ON THE ROOF  
ELEVATION.

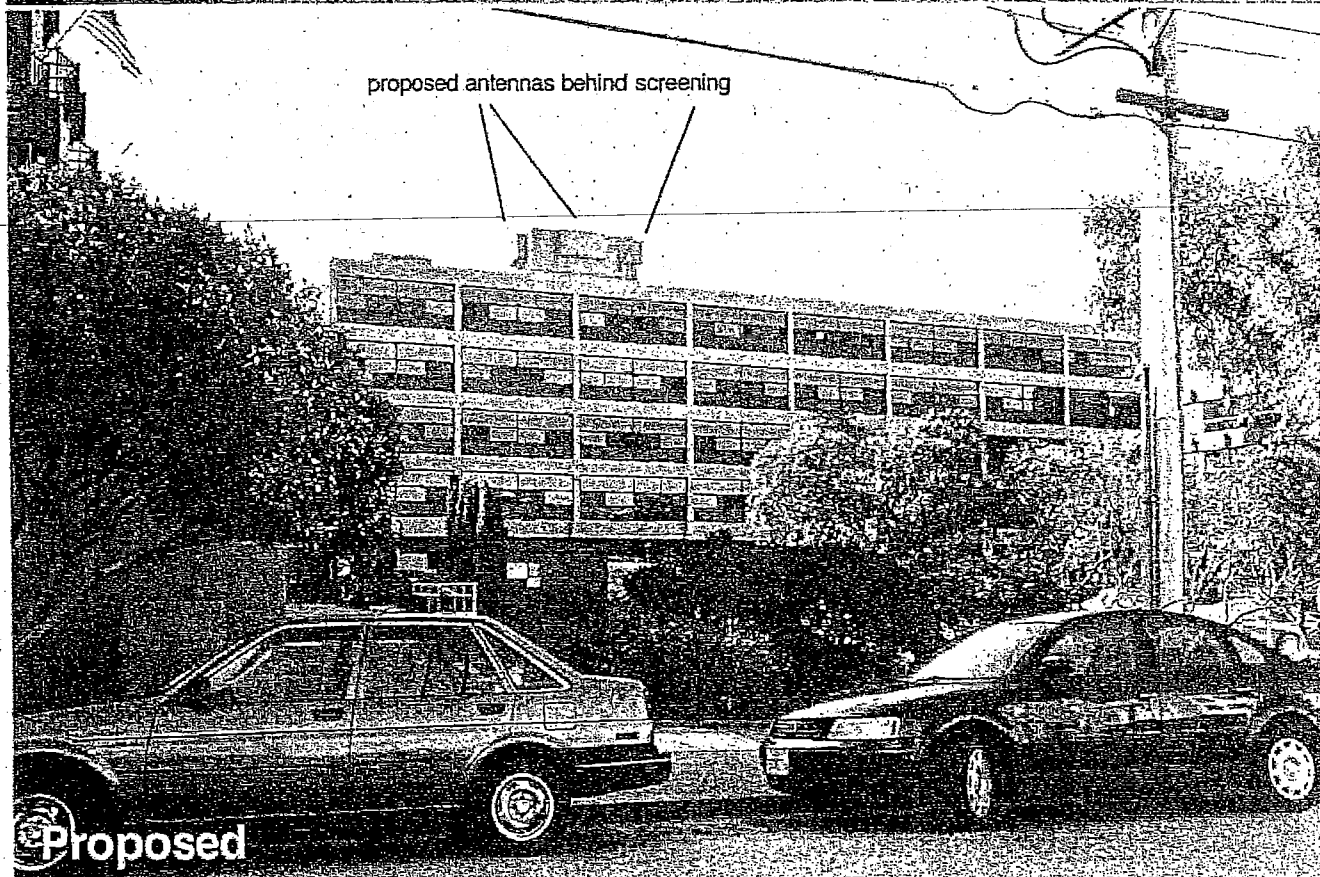
**SITE**  
161541  
GEARY WA  
415.774.1000  
SAN FRANCISCO, CA 94115  
SAN FRANCISCO COUNTY

**SHEET TITLE**  
ELEVATIONS

**SHEET NUMBER**  
A-4







verizon wireless

Geary WA

Site # 161541

Looking Northwest from 5th Avenue

7/12/11

450 6th Avenue  
San Francisco, CA 94118

View #1

Applied Imagination 510 914-0500



verizonwireless

Geary WA

Site # 161541

Looking South from 6th Avenue

450 6th Avenue  
San Francisco, CA 94118

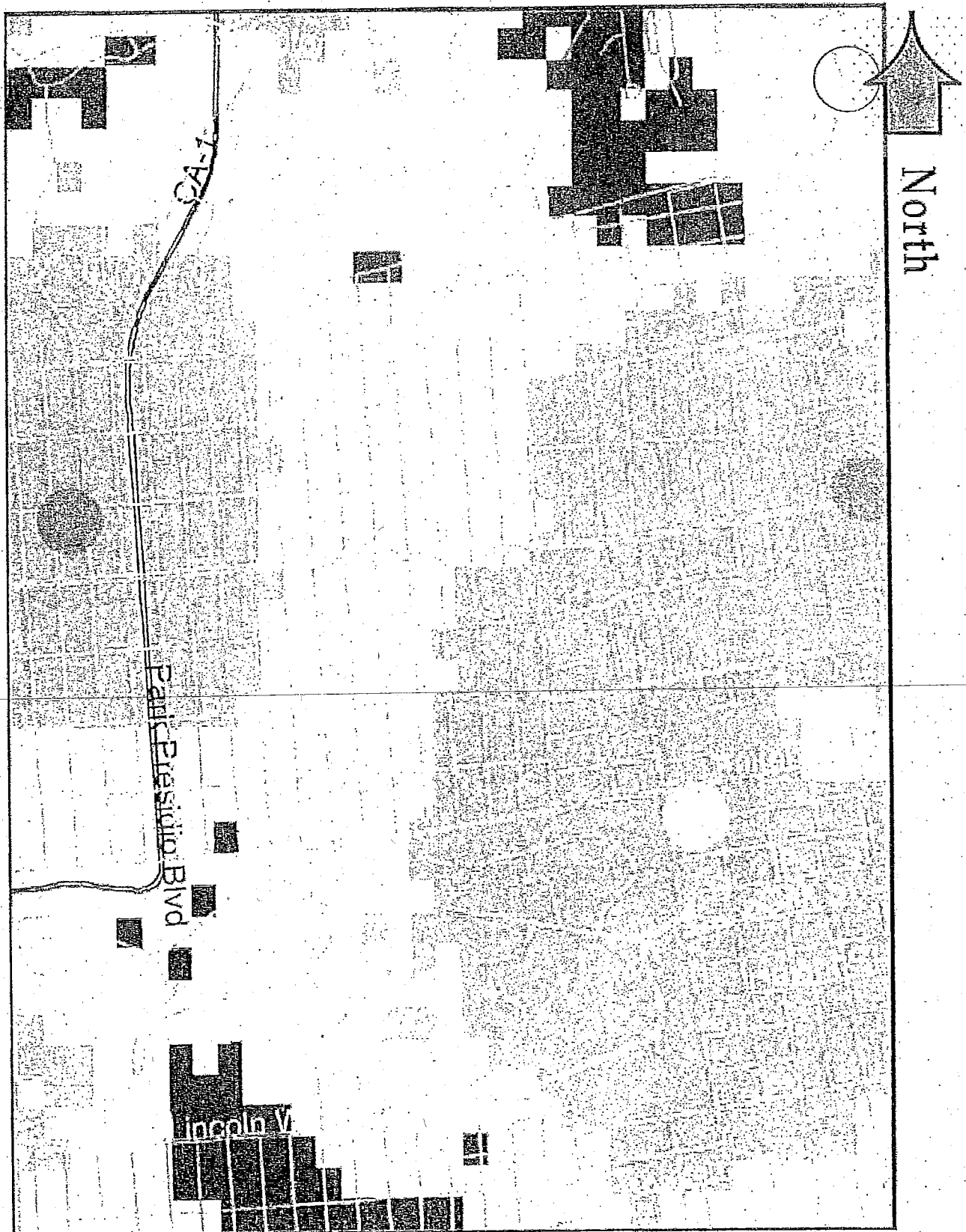
View #2

7/12/11

Applied Imagination 510 914-0500

Geary WA at 450 6th Ave. and 4141 Blvd.

## Before New Site

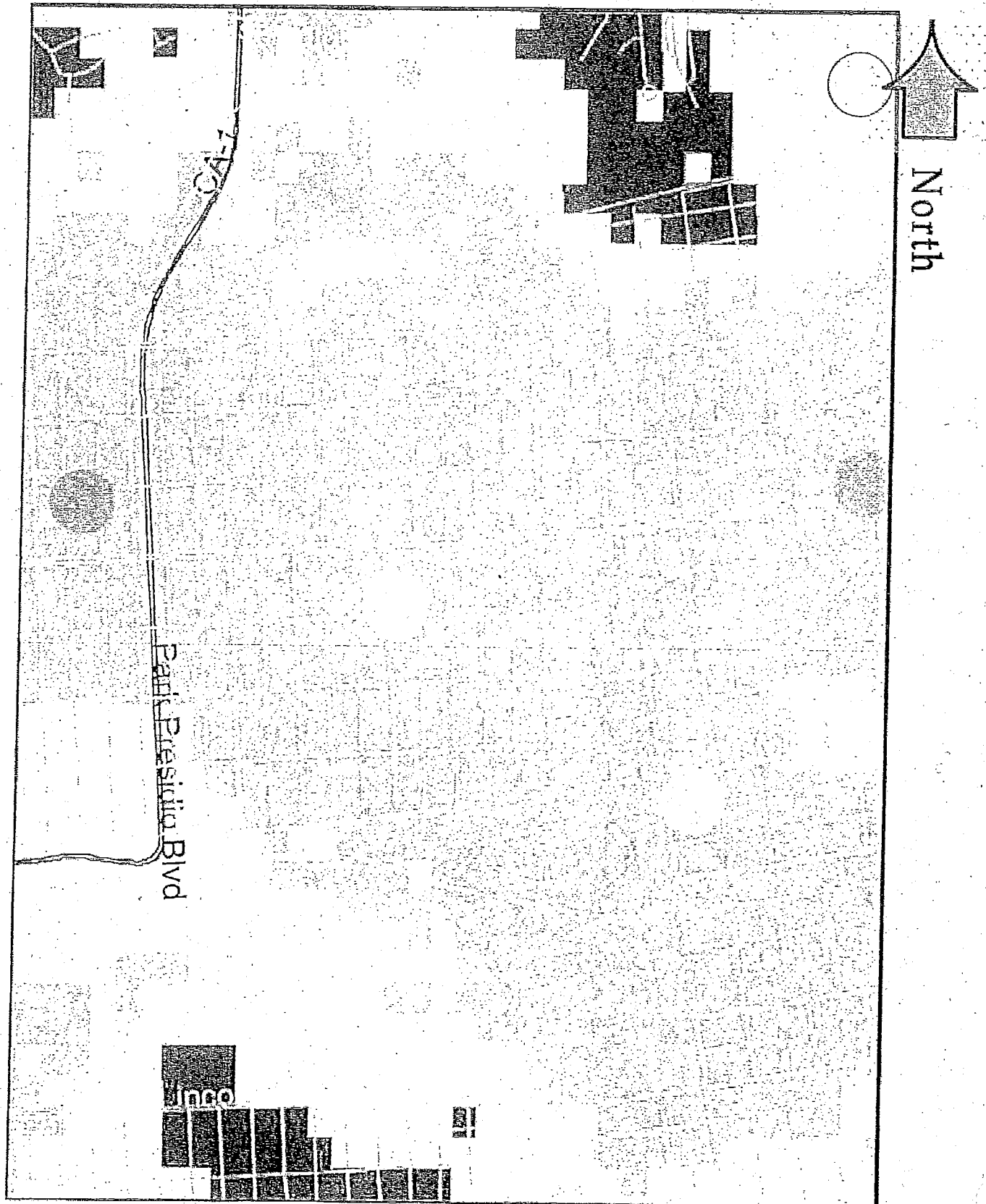


Green = Good Coverage; Yellow = Marginal Coverage  
Red = Bad to No Coverage; All sites except the new site are existing.



Geary WA at 450 6th Ave. and 4141 Blvd.

## With New Site



Green = Good Coverage; Yellow = Marginal Coverage  
Red = Bad to No Coverage; All sites except the new site are existing.



Verizon Wireless • Proposed Base Station (Site No. 161541 "Geary WA")  
450 6th Avenue • San Francisco, California

Statement of Hammett & Edison, Inc., Consulting Engineers

The firm of Hammett & Edison, Inc., Consulting Engineers, has been retained on behalf of Verizon Wireless, a personal wireless telecommunications carrier, to evaluate the base station (Site No. 161541 "Geary WA") proposed to be located at 450 6th Avenue in San Francisco, California, for compliance with appropriate guidelines limiting human exposure to radio frequency ("RF") electromagnetic fields.

Background

The San Francisco Department of Public Health has adopted a 10-point checklist for determining compliance of WTS facilities with prevailing safety standards. The acceptable limits set by the FCC for exposures of unlimited duration are:

Wireless Service	Frequency Band	Occupational Limit	Public Limit
Microwave (Point-to-Point)	5-23,000 MHz	5.00 mW/cm <sup>2</sup>	1.00 mW/cm <sup>2</sup>
BRS (Broadband Radio)	2,600	5.00	1.00
AWS (Advanced Wireless)	2,100	5.00	1.00
PCS (Personal Communication)	1,950	5.00	1.00
Cellular	870	2.90	0.58
SMR (Specialized Mobile Radio)	855	2.85	0.57
700 MHz	700	2.35	0.47
[most restrictive frequency range]	30-300	1.00	0.20

The site was visited by Mr. Robert W. Hammett, a qualified field technician contracted by Hammett & Edison, Inc., during normal business hours on June 8, 2010, a non-holiday weekday, and reference has been made to information provided by Verizon, including zoning drawings by MSA Architecture & Planning, Inc., dated June 1, 2010.

Checklist

1. The location of all existing antennas and facilities at site. Existing RF levels.

There were observed no other wireless base stations installed at the site. Existing RF levels for a person at ground near the site were less than 1% of the most restrictive public exposure limit.

2. The location of all approved (but not installed) antennas and facilities. Expected RF levels from approved antennas.

No other WTS facilities or other communications facilities are reported to be approved for this site but not yet installed.



HAMMETT & EDISON, INC.  
CONSULTING ENGINEERS  
SAN FRANCISCO

VW161541599  
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**Verizon Wireless • Proposed Base Station (Site No. 161541 "Geary WA")  
450 6th Avenue • San Francisco, California**

3. The number and types of WTS within 100 feet of proposed site and estimates of additive EMR emissions at proposed site.

There were no other WTS facilities observed within 100 feet of the site, although antennas for low-power, two-way radio communications were noted on a hotel nearby.

4. Location (and number) of Applicant's antennas and back-up facilities per building and location (and number) of other WTS at site.

Verizon proposes to install nine Powerwave antennas – six Model P65-15-XL-2 and three Model 7721-00 – on the sides of the mechanical equipment penthouse above the roof of the five-story hospital building, mounted with up to 4° downtilt at an effective height of about 82 feet above ground, 14½ feet above the roof, and oriented in groups of three toward 10°T, 100°T, and 210°T.

5. Power rating (maximum and expected operating power) for all existing and proposed backup equipment subject to application.

The expected operating power of the Verizon transmitters is reflected in the resulting effective radiated power given in Item 6 below; the transmitters may operate at a power below their maximum rating.

6. Total number of watts per installation and total number of watts for all installations at site.

The maximum effective radiated power proposed by Verizon in any direction is 1,840 watts, representing simultaneous operation at 640 watts for PCS, 800 watts for cellular and 400 watts for 700 MHz.

7. Plot or roof plan showing method of attachment of antennas, directionality of antennas, and height above roof level. Discuss nearby inhabited buildings.

The drawings show the proposed antennas to be installed as described in Item 4 above. There were observed no buildings of similar height nearby.

8. Estimated ambient RF levels for proposed site and identify three-dimensional perimeter where exposure standards are exceeded.

For a person anywhere at ground, the maximum ambient RF exposure level due to the proposed Verizon operation is calculated to be 0.0013 mW/cm<sup>2</sup>, which is 0.23% of the applicable public exposure limit. Ambient RF levels at the site are therefore estimated to remain less than 1% of the limit. The three-dimensional perimeter of RF levels equal to the public exposure limit is calculated to extend up to 30 feet out from the antenna faces; this does not reach the roof of the building or any publicly accessible areas.



Verizon Wireless • Proposed Base Station (Site No. 161541 "Geary WA")  
450 6th Avenue • San Francisco, California

9. Describe proposed signage at site.

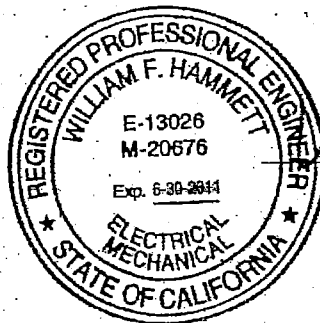
Due to their mounting location, the Verizon antennas would not be accessible to the general public, and so no mitigation measures are necessary to comply with the FCC public exposure guidelines. To prevent occupational exposures in excess of the FCC guidelines, no access within 6 feet directly in front of the antennas themselves, such as might occur during maintenance work on the penthouse, should be allowed while the base station is in operation, unless other measures can be demonstrated to ensure that occupational protection requirements are met. Posting explanatory warning signs\* at the roof access door and at the antennas, such that the signs would be readily visible from any angle of approach to persons who might need to work within that distance, would be sufficient to meet FCC-adopted guidelines.

10. Statement of authorship.

The undersigned author of this statement is a qualified Professional Engineer, holding California Registrations Nos. E-13026 and M-20676, which expire on June 30, 2011. This work has been carried out under his direction, and all statements are true and correct of his own knowledge except, where noted, when data has been supplied by others, which data he believes to be correct.

**Conclusion**

Based on the information and analysis above, it is my professional opinion that the proposed Verizon Wireless base station operation at 450 6th Avenue in San Francisco will comply with the prevailing standards for limiting public exposure to radio frequency energy and, therefore, will not for this reason cause a significant impact on the environment. Posting explanatory signs is recommended to establish compliance with occupational exposure limitations.



*William F. Hammett*  
William F. Hammett, P.E.  
707/996-5200

June 30, 2010

\* Warning signs should comply with OET-65 color, symbol, and content recommendations. Contact information should be provided (e.g., a telephone number) to arrange for access to restricted areas. The selection of language(s) is not an engineering matter, the San Francisco Department of Public Health recommends that all signs be written in English, Spanish, and Chinese.



**HAMMETT & EDISON, INC.**  
CONSULTING ENGINEERS  
SAN FRANCISCO

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City and County of San Francisco  
DEPARTMENT OF PUBLIC HEALTH  
ENVIRONMENTAL HEALTH SECTION

Gavin Newsom, Mayor  
Mitchell H. Katz, MD, Director of Health  
Rajiv Bhatia, MD, MPH, Director of EH

Review of Cellular Antenna Site Proposals

Project Sponsor: Verizon Planner: Sara Vellve  
RF Engineer Consultant: Hammett and Edison Phone Number: (707) 996-5200  
Project Address/Location: 450 06TH Av  
Site ID: 1342 Site No.: 161541

The following information is required to be provided before approval of this project can be made. These information requirements are established in the San Francisco Planning Department Wireless Telecommunications Services Facility Siting Guidelines dated August 1996.

In order to facilitate quicker approval of this project, it is recommended that the project sponsor review this document before submitting the proposal to ensure that all requirements are included.

- ☒ 1. The location of all existing antennas and facilities. Existing RF levels. (WTS-FSG, Section 11, 2b)  
☐ Existing Antennas      No Existing Antennas: 0
- ☒ 2. The location of all approved (but not installed) antennas and facilities. Expected RF levels from the approved antennas. (WTS-FSG Section 11, 2b)  
☐ Yes    ☒ No
- ☒ 3. The number and types of WTS within 100 feet of the proposed site and provide estimates of cumulative EMR emissions at the proposed site. (WTS-FSG, Section 10.5.2)  
☐ Yes    ☒ No
- ☒ 4. Location (and number) of the Applicant's antennas and back-up facilities per building and number and location of other telecommunication facilities on the property (WTS-FSG, Section 10.4.1a)
- ☒ 5. Power rating (maximum and expected operating power) for all existing and proposed backup equipment subject to the application (WTS-FSG, Section 10.4.1c)  
Maximum Power Rating: 1840 watts.
- ☒ 6. The total number of watts per installation and the total number of watts for all installations on the building (roof or side) (WTS-FSG, Section 10.5.1).  
Maximum Effective Radiant: 1840 watts.
- ☒ 7. Preferred method of attachment of proposed antenna (roof, wall mounted, monopole) with plot or roof plan. Show directionality of antennas. Indicate height above roof level. Discuss nearby inhabited buildings (particularly in direction of antennas) (WTS-FSG, Section 10.41d)
- ☒ 8. Report estimated ambient radio frequency fields for the proposed site (identify the three-dimensional perimeter where the FCC standards are exceeded.) (WTS-FSG, Section 10.5) State FCC standard utilized and power density exposure level (i.e. 1986 NCRP, 200  $\mu\text{W}/\text{cm}^2$ )  
Maximum RF Exposure: 0.0013  $\text{mW}/\text{cm}^2$       Maximum RF Exposure Percent: 0.23
- ☒ 9. Signage at the facility identifying all WTS equipment and safety precautions for people nearing the equipment as may be required by any applicable FCC-adopted standards. (WTS-FSG, Section 10.9.2). Discuss signage for those who speak languages other than English.  
☒ Public Exclusion Area      Public Exclusion In Feet: 30  
☒ Occupational Exclusion Area      Occupational Exclusion In Feet: 6

X 10. Statement on who produced this report and qualifications.

X **Approved.** Based on the information provided the following staff believes that the project proposal will comply with the current Federal Communication Commission safety standards for radiofrequency radiation exposure. FCC standard 1988-NCRP **Approval of the subsequent Project Implementation Report is based on project sponsor completing recommendations by project consultant and DPH.**

**Comments:**

There are currently 0 existing antennas operated by Verizon installed on the roof top of the building at 450 06TH Avenue. Existing RF levels at ground level were less than 1% of the FCC public exposure limit. There were observed no other antennas within 100 feet of this site. Verizon proposes to install 9 new antennas on the mechanical equipment penthouse above the roof of the building. The antennas will be mounted at a height of 82 feet above the ground. The estimated ambient RF field from the proposed Verizon transmitters at ground level is calculated to be 0.0013 mW/sq cm., which is 0.23 % of the FCC public exposure limit. The three dimensional perimeter of RF levels equal to the public exposure limit extends 30 feet and does not reach any publicly accessible areas. Warnings signs must be posted at the antennas and roof access points in English, Spanish and Chinese. Worker should not have access to within 6 feet of the front of the antennas while they are in operation.

Not Approved, additional information required.

Not Approved, does not comply with Federal Communication Commission safety standards for radiofrequency radiation exposure. FCC Standard

1 Hours spent reviewing

Charges to Project Sponsor (in addition to previous charges, to be received at time of receipt by S)

Signed: \_\_\_\_\_



Dated: 10/19/2010

Patrick Fosdahl  
Environmental Health Management Section  
San Francisco Dept. of Public Health  
1390 Market St., Suite 210,  
San Francisco, CA. 94102  
(415) 252-3904

**Verizon Wireless Community Outreach Meeting for Geary WA  
Proposed Site at 450 6<sup>th</sup> Avenue, San Francisco California  
Verizon Site Number 161541, April 28<sup>th</sup>, 2011, 7:00 to 8:15 PM.**

**Location of the meeting:**

Richmond/Senator Milton Marks Branch Library, 351 9<sup>th</sup> Avenue.

**Number of Verizon Representatives:**

**4 Managers:**

1. Gabriella Barr, Project Manager with On Air LLC,
2. Russ Bentsen, Radio Frequency Engineer, Verizon,
3. Oliver Fontana, Construction Manager with On Air LLC,
4. Tom Miller, Project Manager, Verizon Wireless.

**Number of Outside Consultants:**

**1 Manager:**

1. Rajat Mathur, P.E., with Hammett and Edison, Consulting Engineers, Broadcast and Wireless.

**Translator:** Chi Ling Wong

**Number of Neighborhood Attendees:** 32 Persons with the sign in sheet attached.

**The complete summary of the community meeting regarding the questions asked and the responses provided follows.**

**Question #1:** "No one saw the mailed notice of the neighborhood meeting and why was it mailed out when it was?"

*This question was asked by several of the Attendees. The response provided to the Attendees is that Verizon Wireless followed the exact procedure as delineated in the San Francisco Planning Guidelines. Also stated was that these guidelines are carefully and uniformly prepared to insure that the Community has a consistent, equitable and well tested notification process following a standard operating procedure with the City of San Francisco Planning. Furthermore and noticeably, it was stated that as there was a large group in attendance for this meeting, obviously, the community was notified in a timely manner. It was also stated that approximately 1300 mailings went out which has been documented and verified. Also, San Francisco guidelines for invitations are that they should be sent out at least 14 calendar days before the meeting to insure that all parties had the notification with plenty of time to schedule attending this meeting.*

**Question #2:** "There are old people and children in this neighborhood and this facility is not good for their health."

This question was asked by many of the Attendees. The responses were made by all parties, especially by the Radio Frequency and Emissions experts. The Radio Frequency and Emission experts detailed the Hammett and Edison report which was on site with copies for Attendees to take with them after the meeting. These experts detailed the safety of the project, relative to both the antennas and the equipment. The detail was provided in both Engineering terminology as well as laymen's terms. The FCC public limits include a 50-times safety factor intended to ensure a safe environment for all persons, whether young or old, healthy or infirm, large or small, for continuous operation of radio sources. Radio frequency (RF), also known as electromagnetic fields (EMF) are common in all facets of modern life. Such fields with frequencies between about 100 kiloHertz (kHz) and 100 GigaHertz (GHz) [100,000 and 100,000,000,000 cycles per second] are known as radio frequency fields, or simply "RF." Microwave ovens operate in this range, as do cordless telephones, cellular telephones, CB radios, garage door openers, motion sensors, walkie-talkies, and numerous other devices. RF should not be confused with extremely low frequency energy (ELF). ELF fields are typically associated with household electric devices, such as electric blankets, and with overhead power lines. These operate at a frequency of 60 Hertz – millions or billions of times lower in frequency than RF. Neither should RF be confused with ultra-violet (UV) or X-ray energy, which is at frequencies millions or billions of times higher than RF energy. Radiated energy near X-ray frequencies is called ionizing, because it has enough energy to remove electrons from individual atoms. RF radiation is non-ionizing; that is, it does not by its nature change matter at the atomic level. There have been studies of people exposed to RF energy over a long period of time. The epidemiological studies have not shown adverse health effects at exposure levels at or below the FCC standard. The World Health Organization (WHO) maintains a comprehensive searchable database of research in the effects of electromagnetic fields on biological systems, available at <http://www.who.int/peh-emf/en/>. It was stated that as verified, the emission from the Verizon project are dramatically below the FCC standards. Specifically, for a person at ground level, the maximum RF exposure level is 0.23% of the public exposure limit. Ambient RF levels at the site are estimated to remain less than 1% of the limit. The three-dimensional perimeter of RF levels equal to the public exposure limit is calculated to extend up to 30 feet out from the antenna faces; this does not reach the roof of the building or any publicly accessible areas. Furthermore, the maximum effective radiated power proposed by Verizon in any direction is 1,840 watts, representing simultaneous operation at 640 watts for PCS, 800 watts for cellular and 400 watts for 700 MHz. Due to their mounting location, the Verizon antennas would not be accessible to the general public, and so no mitigation measures are necessary to comply with the FCC public exposure guidelines. Based upon the information and analysis of the Hammett and Edison report, the Hammett and Edison Engineer confirms what Bill Hammett authorized that the proposed Verizon Wireless base station operation at 450 6<sup>th</sup> Avenue in San Francisco will comply with the prevailing standards for limiting public exposure to

radio frequency energy and therefore, will not for this reason cause a significant impact on the environment.

Question #3: "How do you know that the emissions will be good in the future?"

*This question was asked by several members of the meeting. Again, the responses were made by all parties, and especially by the Radio Frequency and Emissions experts. The Radio Frequency and Emission experts detailed the specific and detailed process that will be made to insure the emissions are safe at installation in accordance with the Hammett and Edison report. Additionally, the emissions are checked within the first 10 days of installation and then every 2 years thereafter and the facility must be within the FCC guidelines. Verizon Wireless is licensed by the FCC and must provide accurate and detailed documentation verifying compliance at the Facilities. Also, there are Operations Engineers that inspect the sites approximately once or twice per month insuring that the Facility is operating within the FCC guidelines.*

Question #4: "When will the site be built?"

*This question was asked by a few members at the meeting. The responses were made by the Verizon representatives with the most emphasis made by the Construction Manager. The construction of the site, if approved would be built sometime within the next year. The site will be scheduled for a Planning Commission Hearing sometime in the near future, hopefully, June, 2011. If the project is approved, there is a 30 day appeal period following the Commission approval. Following this appeal period, Verizon will file for a building permit which will take approximately 3 months to complete. Finally, the site would be installed, which will require about 3 additional months to complete. Therefore, the site would likely be on the air early 2012 at the earliest.*

Additional Informational Materials provided at the meeting:

2. Complete sets of the current Zoning drawings,
3. Photosimulations of the proposed facility showing before and after photosimulations,
4. Coverage maps detailing the before and after wireless coverage at the site and surrounding area,
5. Hammett and Edison report.



# NOTICE OF NEIGHBORHOOD MEETING

To: All Neighbors and Owners within a 500 foot radius of 450 6<sup>th</sup> Avenue and 4141 Geary Boulevard  
San Francisco, CA 94118

**Meeting Information**  
Date: Thursday, April 28<sup>th</sup>, 2011  
Time: 7:00 P.M.  
Where: Richmond/Senator Milton Marks  
Branch Library  
351 Ninth Avenue  
San Francisco, CA 94118

**Site Information**  
Address: 450 6<sup>th</sup> Avenue and  
4141 Geary Boulevard  
San Francisco, CA 94118  
Block/Lot: 1539/003  
Zoning: RM1 and NC-3

**Applicant**  
Verizon Wireless Corporation  
**Contact Information**  
Gabriella Barr  
On Air, LLC  
(650) 387 7016

Verizon Wireless is proposing a wireless communication facility at 450 6<sup>th</sup> Avenue and 4141 Geary Boulevard, San Francisco CA 94118. The proposed wireless site would be an unmanned facility consisting of 9 panel antennas flush mounted to the penthouse at roof level of an existing 5 story, publicly-used structure. All flush mounted antennas on the penthouse would be painted to match the existing building. All associated equipment would be placed on the rooftop of the building. This project will be scheduled for a Planning Commission Hearing subsequent to this neighborhood meeting.

You are invited and encouraged to attend the Community Outreach Meeting, to be held at the Richmond/Senator Milton Marks Branch Library, 351 Ninth Avenue, San Francisco, CA 94118 on Thursday, April 28<sup>th</sup>, 2011 at 7 P.M. to learn more about the project. Please note: This is not a Library Sponsored Program. Please use the public contact information provided below.

If you have any questions regarding the proposal and are unable to attend the meeting, please contact Gabriella Barr at (650) 387 7016. Please contact Sara Velve, City of San Francisco Planning Department, at (415) 558 6263, should you have questions regarding the City of San Francisco Planning permit process.

NOTE: If you require an interpreter to be present at the meeting, please contact our office at (650) 387-7016 at your earliest convenience and we will make every effort to provide you with an interpreter.

## AVISO DE REUNIÓN EN EL VECINDARIO

A: Vecinos y propietarios dentro de un radio de 500 pies de 450 6<sup>th</sup> Avenue y 4141 Geary Boulevard  
San Francisco, CA 94118

**Información acerca de la reunión**  
Fecha: jueves, 28 de abril de 2011  
Hora: 7:00 de la tarde  
Lugar: barrio Richmond,  
Biblioteca Sucursal Senador  
Milton Marks  
351 9<sup>th</sup> Avenue  
San Francisco, CA 94118

**Información sobre el sitio**  
Dirección: 450 6<sup>th</sup> Avenue y  
4141 Geary Boulevard  
San Francisco, CA 94118  
Cuadra/Lote: 1539/003  
Zonificación: RM1 y NC-3

**Solicitante**  
Verizon Wireless Corporation  
**Información de contacto**  
Gabriella Barr  
On Air, LLC  
(650) 387-7016

Verizon Wireless piensa situar una instalación de comunicaciones inalámbricas en 450 6<sup>th</sup> Avenue y 4141 Geary Boulevard, San Francisco CA 94118. El propuesto sitio inalámbrico sería una instalación sin tripulación y constaría de 9 antenas panel encastradas en el ático al nivel de la azotea de una construcción existente de 5 pisos, usada por el público. Todas las antenas encastradas en el ático serían pintadas para hacer juego con el edificio existente. Todo el equipo relacionado se instalaría en la azotea del edificio. Se programará una audiencia ante la Comisión de Planeación con posterioridad a esta reunión de la vecindad.

Se le invita y se le anima a asistir a la Reunión de Orientación Comunitaria, misma convocada en el Barrio Richmond, Biblioteca Sucursal Senador Milton Marks (Senator Milton Marks Branch Library), 351 9<sup>th</sup> Avenue, San Francisco, CA 94118, el jueves, 28 de abril, 2011 a las 7 de la tarde para mayor información sobre el proyecto. Nota bene: Este no es un programa patrocinado por la biblioteca. Favor de usar la información de contacto público provista a continuación.

Si tiene alguna pregunta sobre la propuesta y no puede asistir a la reunión, sírvase comunicarse con Gabriella Barr al teléfono (650) 387-7016. Si tiene preguntas referentes al proceso de permisos de planeación de la ciudad de San Francisco, sírvase comunicarse con Sara Velve, del Departamento de Planeación de la Ciudad de San Francisco, al teléfono (415) 575-9082.

NOTA: Si requiere la presencia de un intérprete en la reunión, por favor comuníquese cuanto antes con nuestra oficina al teléfono (916) 217-7513 y haremos todo lo posible para proporcionarle un intérprete.

## 社區會議通知

致：加州三藩市(郵編 94118)第六街 450 號及 Geary 大道 4141 號五百英尺內的居民和業主

**會議詳情**  
日期：2011 年 4 月 28 日 (星期四)  
時間：晚上 7:00  
地點：Richmond/Senator Milton Marks  
圖書館  
351 Ninth Avenue  
San Francisco, CA 94118  
**設施地點資料**  
地址：450 6<sup>th</sup> Avenue and  
4141 Geary Boulevard  
San Francisco, CA 94118  
街段 / 地段：1539/003  
劃區：RM1 及 NC-3

**申請公司**  
Verizon Wireless Corporation  
**聯絡人**  
Gabriella Barr  
On Air, LLC  
(650) 387 7016

Verizon Wireless 建議在加州三藩市(郵編 94118)第六街 450 號及 Geary 大道 4141 號設立無線電通訊設施。建議中的設施無須人手操作，包括在現有五層樓高的公共結構屋頂閣樓對齊安裝九條天線。所有天線將塗上與現有大樓一致的油漆。所有連帶設備將置於大樓屋頂。本計劃將於此社區諮詢會議後排期在規劃委員會聽證會(Planning Commission Hearing)上審核。

我們誠意邀請您出席將於 2011 年 4 月 28 日星期四晚上 7:00 在 Richmond/Senator Milton Marks 圖書館(地址：351 Ninth Avenue, San Francisco, CA 94118)舉行的社區諮詢會議，進一步了解本計劃。請注意：此社區諮詢會議並非由圖書館主辦，如欲查詢，請使用下列聯絡資料。

若對上述建議有任何疑問，但無法出席社區會議，請致電 (650) 387 7016 與 Gabriella Barr 聯絡；若對三藩市規劃許可程序有任何疑問，請致電 (415) 558 6263 與三藩市規劃部(City of San Francisco Planning Department) Sara Velve 聯絡。

註：如需翻譯人員在會上提供協助，請即致電或 (650) 387 7016 與本辦事處聯絡。我們會盡力為您安排翻譯服務。

## Pre-Application Meeting Sign-in Sheet

Meeting Date: 4/28/11  
 Meeting Time: 7 PM  
 Meeting Address: 450 6th Avenue 4141 Geary St 94118  
 Project Address: Kaiser Foundation Hospital  
 Property Owner Name: Gabriel Barr for Verizon Wireless  
 Project Sponsor/Representative: Gabriel Barr for Verizon Wireless

Please print your name below, state your address and/or affiliation with a neighborhood group, and provide your phone number. Providing your name below does not represent support or opposition to the project; it is for documentation purposes only.

NAME/ORGANIZATION	ADDRESS	PHONE #	EMAIL	SEND PLANS
1. Angela's chicken center		386-0184	775 7TH AVE CA 94118	<input checked="" type="checkbox"/>
2. Coo's child care		386-0184	777 7TH AVE CA 94118	<input checked="" type="checkbox"/>
3. _____			EMAIL: _____	<input type="checkbox"/>
4. Anna Kwon	650-12TH AVE	387-5591		<input type="checkbox"/>
5. Jacob V. Lynn Coo		387-2898	jcoo0121@gmail.com	<input checked="" type="checkbox"/>
6. Calvin Lee		751-5698		<input type="checkbox"/>
7. NITA Yee Lee		751-5698		<input type="checkbox"/>
8. DAN WONG		752-3286		<input type="checkbox"/>
9. SUZANNE TOK		752-3286		<input type="checkbox"/>
10. Man Fen Yu		387-3709		<input type="checkbox"/>
11. Sun H Lee		752-3428		<input type="checkbox"/>
12. Bile C. Lee		613-0058		<input type="checkbox"/>
13. Him Coo		777 7TH AVE #1	518-2858	<input type="checkbox"/>
14. Sophia Coo		"	#2 751-3830	<input type="checkbox"/>
15. Felicia Coo		"	#4 710-8362	<input type="checkbox"/>
16. Luk Ying Lau		752-4202		<input type="checkbox"/>
17. Hemant Jy		948-7283		<input type="checkbox"/>
18. SKORPIO		415-577-2571		<input type="checkbox"/>
SUSANNE floyd 351 5th Ave 415 751 4975				

agent: GABRIELLA BARR 9210 Zayante Drive Felter 650 387 7016  
 Verizon Russ Bentson 925 279 6523 Russell Bentson @ Comcast.net  
 Verizon Tom Miller 925 279 6617 Thomas Miller @ verizon-wireless.com  
 RF Ray Mathur 707 996 5202 Mathur@h-e.com  
 Hammett Edison

**COMMUNITY OUTREACH MEETING**  
**Verizon Project: Geary WA**  
**Date: Thursday, April 28<sup>th</sup>, 2011, 7:00 pm**

	Name	Address	Email address	Phone number
1	MIMI LEE	679 6 <sup>th</sup> AVE. S.F., CA 94118		(415) 221-0159
2	譚彩珍	635 5 <sup>th</sup> AVE S.F., CA 94118		(415) 387-0154 387-0154
3	Raul Di Tora	528 BALBOA		415 751-9038
4	Binh Le Quai	612 6 <sup>th</sup> AVE S.F. CA 94118		(415) 386-2034
5	Tina ma	677 6 <sup>th</sup> AVE S.F. CA 94118		
object 6	Henry Wang	420 5 <sup>th</sup> Ave SF CA 94118	henrywang888@ gmail.com	(415) 387-0598 (H)
object 7	Guangqi Wang	420 5 <sup>th</sup> Ave SF CA 94118	ggw999@gmail. com	(415) 387-0598
object 8	Chang Li	420 5 <sup>th</sup> Ave. SF CA 94118	changli1@gmail. com	(415) 387-0598
object 9	Jenny Chiu	323 6 <sup>th</sup> Ave SF. CA 94118	drjenny@hotmail. com	(415) 668-6789
object 10	Donald Chiu	327 6 <sup>th</sup> Ave S.F., CA 94118	drdtchiu@hotmail. com	(415) 668-6789
11	MARY CHEN	681-6 <sup>th</sup> AVE S.F. CA 94118		(415) 750-0913
12	Yee LIAN CHANG	523-6 <sup>th</sup> AVE S.F. CA 94118		(415) 668-1065
13	Chun Wu	618-6 <sup>th</sup> AVE. S.F. CA 94118		876-1638
14	TINGZ	528 BALBOA ST 94118		751-9038

# Affidavit of Conducting a Pre-Application Meeting, Sign-in Sheet and Issues/Responses submittal

Gabriella BARR, do hereby declare as follows:

1. I have conducted a Pre-Application Meeting for the proposed new construction or alteration prior to submitting any entitlement (Building Permit, Variance, Conditional Use, etc.) in accordance with Planning Commission Pre-Application Policy.
2. The meeting was conducted at Reckon Senator Milton Marko (location/address) on 4/28/11 (date) from 2 PM (time). Branch Library
3. I have included the mailing list, meeting initiation, sign-in sheet, issue/response summary, and reduced plans with the entitlement Application. I understand that I am responsible for the accuracy of this information and that erroneous information may lead to suspension or revocation of the permit.
4. I have prepared these materials in good faith and to the best of my ability.

I declare under penalty of perjury under the laws of the State of California that the foregoing is true and correct.

EXECUTED ON THIS DAY, Thursday April 28, 20 11 IN SAN FRANCISCO.

Gabriella Barr  
Signature

Gabriella Barr  
Name (type or print)

Agent for Applicant  
Relationship to Project (e.g., Owner, Agent)  
(If Agent, give business name & profession)

4141 Spear 450 6th Avenue  
Project Address

San Francisco Ca

94118



## SAN FRANCISCO PLANNING DEPARTMENT

### Wireless Telecommunications Services (WTS) Facilities

#### Section 106

#### Declaration of Intent to Comply

May 7, 2010

Wireless Telecommunication Services (WTS) Facilities subject to the WTS Guidelines and this declaration include antennas which both receive and transmit radio signals, telecommunications relay stations, or other similar structures which transmit voice, video or data.

Pursuant to Section 106 of the National Historic Preservation Act of 1966 the Federal Communications Commission (FCC) must take into account the effects of its proposed undertakings on historic properties. These undertakings typically include projects, activities, or programs that require a permit, a license, or approval from the FCC. The regulations that implement Section 106 (36 CFR Part 800) require the FCC to consult with the State Historic Preservation Officer (SHPO).

A Section 106 evaluation is required for all new WTS facilities proposed on any structure 45 years of age and older, within 250 feet of an eligible historic district, or a significant alteration to an existing site. Complying with Section 106 of the National Historic Preservation Act (NHPA) is a statutory obligation that is separate and distinct from complying with the National Environmental Policy Act (NEPA). For more information, please visit the California Office of Historic Preservation Website, [http://ohp.parks.ca.gov/?page\\_id=22327](http://ohp.parks.ca.gov/?page_id=22327).

I hereby declare on behalf of the service provider, identified below, that it intends to comply with Section 106 of the National Historic Preservation Act of 1966.



Signature

Gabriella Barr

Name (Print)

450 6th Avenue # 4141 Clearing Blvd.

Project Address

10/18/10

Date

Verizon Wireless

Service Provider

1650 Mission St.  
Suite 400  
San Francisco,  
CA 94103-2479

Reception:  
415.558.6378

Fax:  
415.558.6409

Planning  
Information:  
415.558.6377

BOARD of SUPERVISORS



City Hall  
1 Dr. Carlton B. Goodlett Place, Room 244  
San Francisco 94102-4689  
Tel. No. 554-5184  
Fax No. 554-5163  
TDD/TTY No. 554-5227

## NOTICE OF PUBLIC HEARING

### BOARD OF SUPERVISORS OF THE CITY AND COUNTY OF SAN FRANCISCO

NOTICE IS HEREBY GIVEN THAT the Board of Supervisors of the City and County of San Francisco will hold a public hearing to consider the following proposal and said public hearing will be held as follows, at which time all interested parties may attend and be heard:

**Date:** Tuesday, September 27, 2011

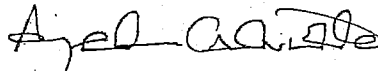
**Time:** 4:00 p.m.

**Location:** Room 416, 4<sup>th</sup> Floor located at City Hall, 1 Dr. Carlton B. Goodlett Place, San Francisco, CA 94102

**Subject:** File No. 110950. Hearing of persons interested in or objecting to the decision of the Planning Commission's July 28, 2011, Conditional Use Authorization identified as Planning Case No. 2010.0951C, by its Motion No. 18415, under Planning Code Sections 209.6(b) and 303, to install a wireless telecommunications facility consisting of nine panel antennas and related equipment on an existing mechanical penthouse on the roof of a five-story publicly used structure (Kaiser Hospital) as part of Verizon's wireless telecommunications network within the RM-1 (Mixed, Low Density) and NC-3 (Neighborhood Commercial, Moderate Scale) Zoning Districts, and a 80-E Height and Bulk District, on property located at 4141 Geary Boulevard/450 - 6<sup>th</sup> Avenue, Assessor's Block No. 1539, Lot No. 003. (District 1) (Filed by Sandra Fen Ng on behalf of the San Francisco Tomorrow and subscribed by Supervisors Mar, Avalos, Chiu, Kim, and Mirkarimi.)

Pursuant to Government Code Section 65009, notice is hereby given, if you challenge, in court, the matter described above, you may be limited to raising only those issues you or someone else raised at the public hearing described in this notice, or in written correspondence delivered to the Board of Supervisors at, or prior to, the public hearing.

In accordance with Section 67.7-1 of the San Francisco Administrative Code, persons who are unable to attend the hearing on these matters may submit written comments to the City prior to the time the hearing begins. These comments will be made a part of the official public records in these matters, and shall be brought to the attention of the Board of Supervisors. Written comments should be addressed to Angela Calvillo, Clerk of the Board, Room 244, City Hall, 1 Dr. Carlton B. Goodlett Place, San Francisco, CA 94102. Information relating to this matter is available in the Office of the Clerk of the Board and agenda information will be available for public review on Thursday, September 22, 2011.



Angela Calvillo  
Clerk of the Board

DATED/POSTED/MAILED: September 16, 2011

