

File No. 110950

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

# COMMITTEE/BOARD OF SUPERVISORS

## AGENDA PACKET CONTENTS LIST

**Committee** \_\_\_\_\_

Date \_\_\_\_\_

## Board of Supervisors Meeting

Date 10/25/11

## Cmte Board

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

**OTHER**

(Use back side if additional space is needed)

Conditional Use Appeal - 4141 Geary Boulevard/450 - 6<sup>th</sup> Avenue

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.

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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Linshao Chin.  
Legislative Assistant  
Office of Supervisor Eric Mar  
San Francisco District 1  
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<http://www.sfbos.org/mar>

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>

San Francisco, CA 94118  
0184 • fax: 415.386.5988



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,

A handwritten signature in black ink, appearing to read "Jacquelyn Coo".

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



Wireless Site Acquisition & Construction Management

**verizon wireless**

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*

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

File 110950

RECEIVED  
BOARD OF SUPERVISORS  
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2011 OCT 20 PM 12:58

*[Signature]*

## 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 Coo

## 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.

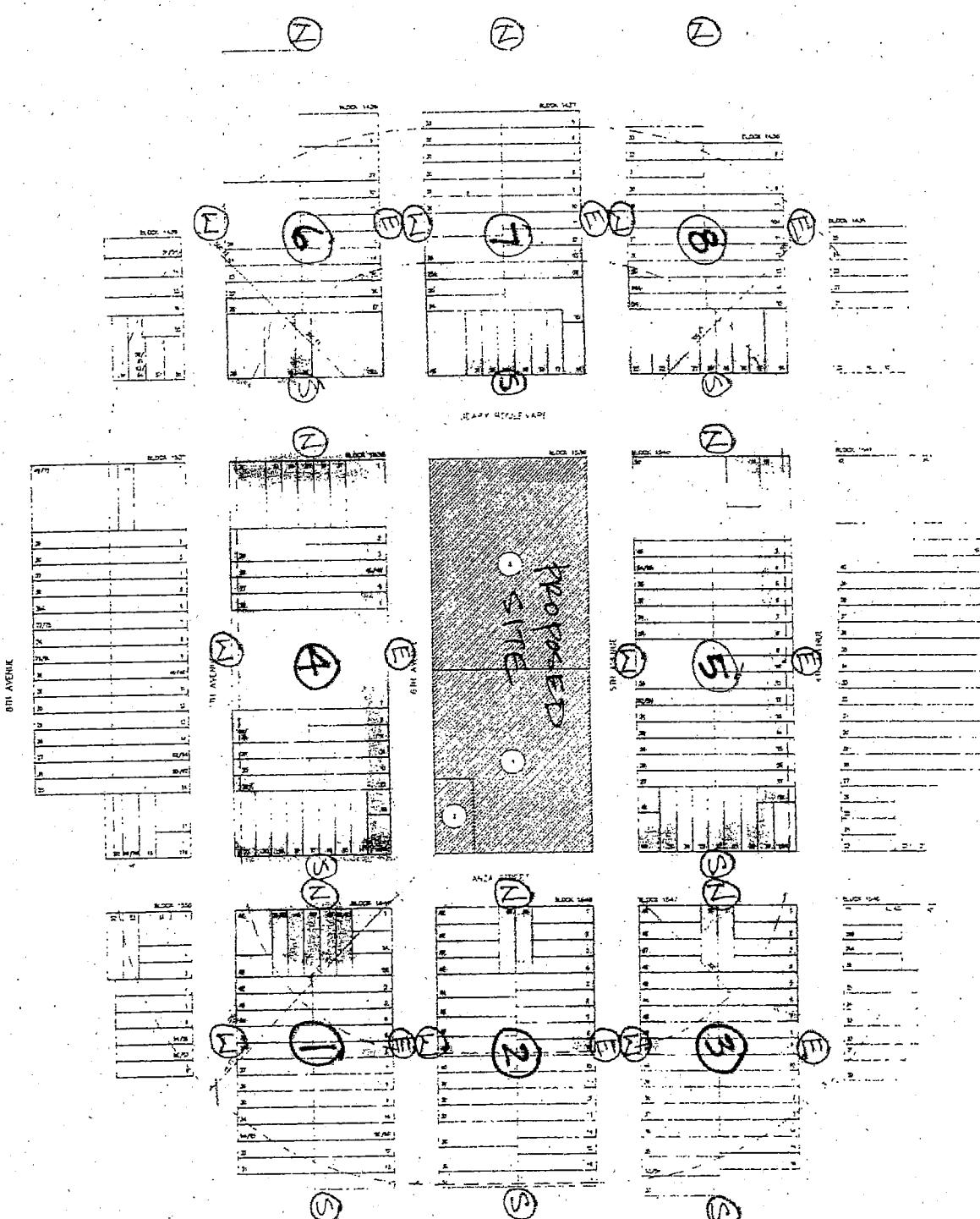
#### **Conclusion**

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.

④ - Block surrounding proposed  
SITE  
N.R.S.F. - Test Locations

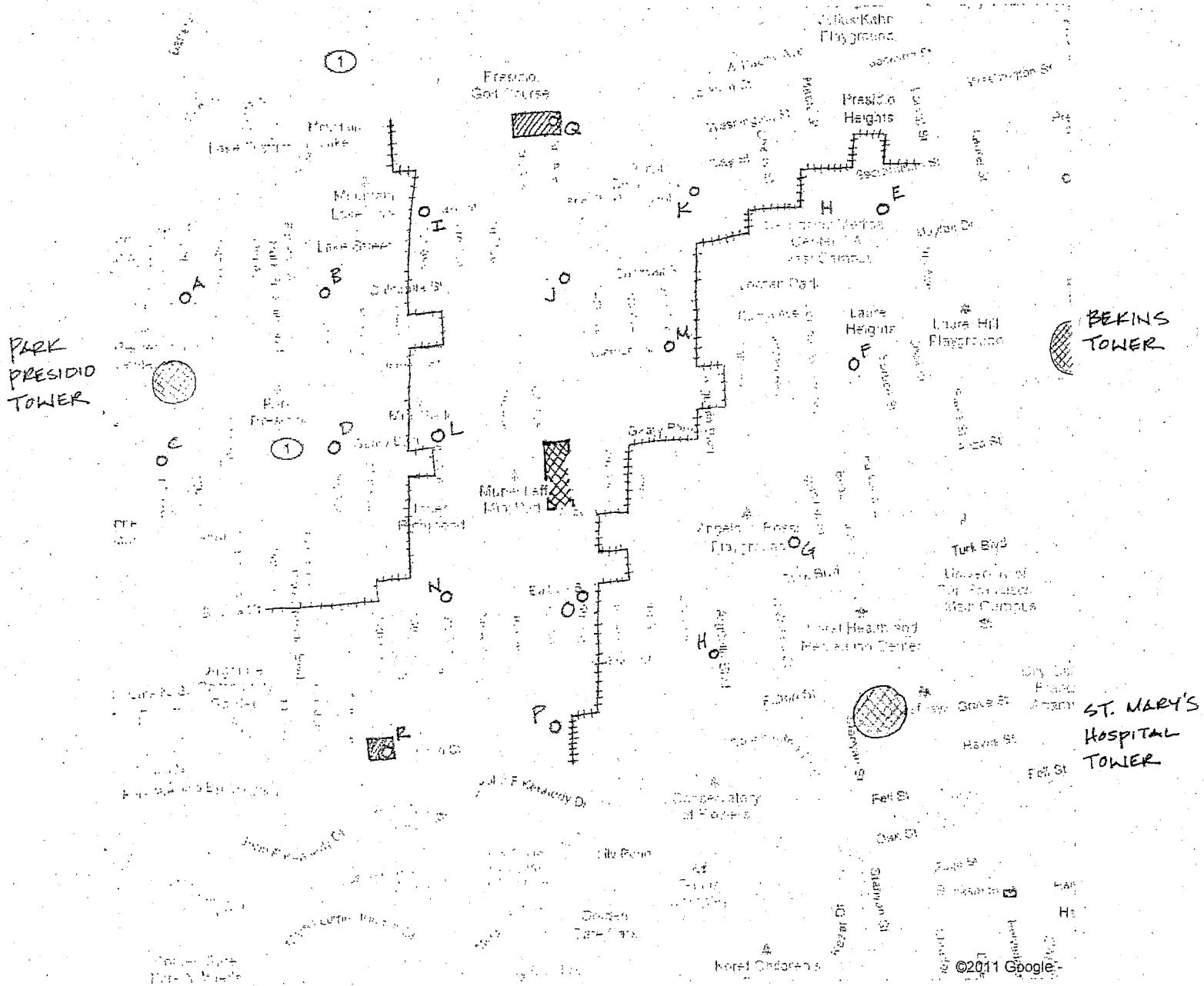
## ANALYSIS I - VICINITY

The colonization, continental market, large human settlements became dominant, we observed industrial and peasant at the time of pre-occupation we have to return to control the economy but the new government is



300 FOOT  
500 FOOT  
RADIALS MAP

## ANALYSIS 2 - COVERAGE



- - PROPOSED VERIZON ANTENNA SITE
- - EXISTING VERIZON ANTENNA SITE
- ||||| - BORDER BETWEEN "GOOD" AND "MARGINAL" COVERAGE AREA
- - "BAD OR NO" COVERAGE AREA
- - TEST LOCATIONS

### Analysis 1 (Vicinity)

Cell Phone Coverage Map			Open Signal Maps							
Block #	Location / Direction	signal strength (- dbm)	Signal Strength (#bars of 5)	Download (Kbps)	Upload Signal Strength (%)	Upload (Kbps)	Download (Kbps)	Ping (ms)	Date	Time
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	657	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

Block #	Location / Direction	Cell Phone Coverage Map						Open Signal Maps			
		Signal strength (-dbm)	Signal Strength (#bars of 5)	Download (Kbps)	Upload (Kbps)	Signal Strength (%)	Upload (Kbps)	Download (Kbps)	Ping (ms)	Date	Time
e	e	77	4	606	197	80%	492	1682	168	sat 10/8	3-7pm
e	w	76	4	619	131	86%	622	1155	133	sat 10/8	3-7pm
w	w	78	4	412	475	70%	309	267	509	sat 10/8	3-7pm
w	n	79	4	353	328	87%	253	189	215	sat 10/8	3-7pm
w	n	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	n	80	4	739	606	84%	244	3676	337	sat 10/2	3-7pm
n	s	79	4	871	745	79%	334	3465	372	sat 10/2	2-6pm
s	s	77	4	1730	663	85%	1398	462	160	sat 10/2	2-6pm
s	s	69	5	1259	393	85%	1548	861	182	sat 10/2	2-6pm
s	w	70	5	1096	794	86%	1440	688	193	sat 10/2	2-6pm
e	e	80	4	647	328	82%	382	598	159	sat 10/8	3-7pm
e	e	78	4	668	459	83%	444	354	104	sat 10/8	3-7pm
e	w	76	4	887	458	84%	344	270	156	sat 10/8	3-7pm
w	w	74	5	1157	328	93%	1230	956	106	sat 10/8	3-7pm
w	w	77	4	1266	417	84%	1060	642	105	sat 10/8	3-7pm
w	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	n	70	5	520	671	86%	333	328	310	sat 10/8	3-7pm
n	n	74	5	497	688	85%	426	420	135	sat 10/8	3-7pm
s	s	83	4	457	393	84%	330	283	278	sat 10/8	3-7pm
s	s	83	4	309	598	79%	249	224	680	sat 10/8	3-7pm
s	e	82	4	381	524	86%	233	128	195	sat 10/8	3-7pm
e	e	74	5	333	524	79%	426	229	227	sat 10/2	2-6pm
e	e	72	5	272	795	70%	455	141	219	sat 10/2	2-6pm
e	e	77	4	218	524	83%	337	208	130	sat 10/2	2-6pm
w	w	72	5	1169	655	84%	229	3228	194	sat 10/2	2-6pm
w	w	72	5	1185	663	79%	237	662	144	sat 10/2	2-6pm
w	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	n	79	4	865	795	83%	980	342	135	sat 10/8	3-7pm
n	n	81	4	1029	397	75%	1100	436	303	sat 10/8	3-7pm
s	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
5		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	655	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	1530	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
F	"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
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 Strength (%)	Signal 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
J	"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			
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
Q	"Bad / No"	73	5	618	590	83%	983
Q	"Bad / No"	75	5	768	470	84%	811
R	"Bad / No"	78	4	532	467	83%	487
R	"Bad / No"	80	4	620	614	79%	534
R	"Bad / No"	86	4	547	524	75%	695
<b>Average</b>		<b>78</b>	<b>4.5</b>	<b>635</b>	<b>521</b>	<b>81%</b>	<b>759</b>
							<b>778</b>
							<b>316</b>

#### 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
Cellular Telephones	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.
Government Emergency Telecommunications System (GETS)	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.
Mayor Emergency Telephone System (METS)	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.
National Warning Alert System (NAWAS) / California Warning Alert System (CALWAS)	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).
OASIS	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.
Plain Old Telephone System (POTS)	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.
Satellite Phones	Satellite phones are commercial wireless radiotelephones that rely on radio transmissions via orbiting satellites and strictly operate under direct "line-of-sight" rules.

City and County of San Francisco  
**Emergency Support Function #2**  
**Communications Annex**

<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 severe 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)

# MATERIAL SAFETY DATA SHEET

## LEAD ACID BATTERY



Springfield, Missouri

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.

**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).
- 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**

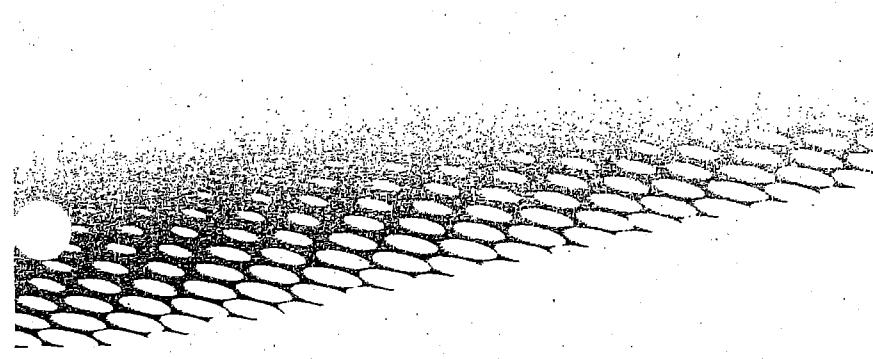
- Sulfuric Acid - Occupation Exposure Limit - AUSTRALIA TWA 1mg/m<sup>3</sup>, JAN1993
- Lead - Occupation Exposure Limit - AUSTRALIA TWA 0.15 mg/m<sup>3</sup>, 2002

# NORTHSTAR

BATTERY COMPANY

## 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	28	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	24	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	354	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

### 2.0 SAFETY ALERT

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



#### 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



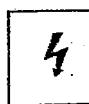
#### DANGER EXPLOSIVE GASES



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.

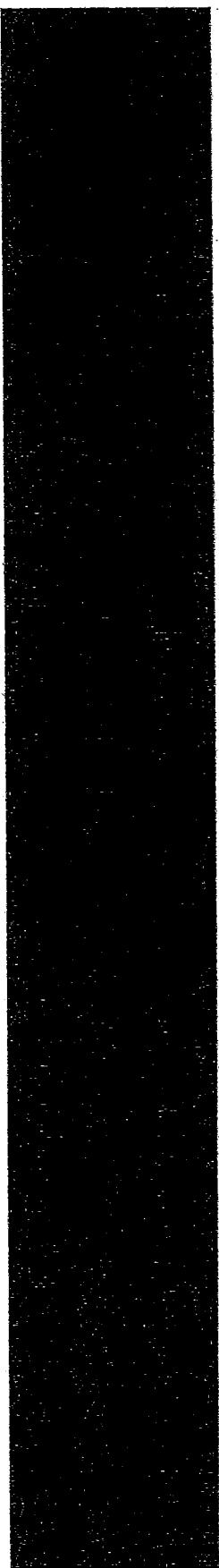
### 5.0 BATTERY LOCATION

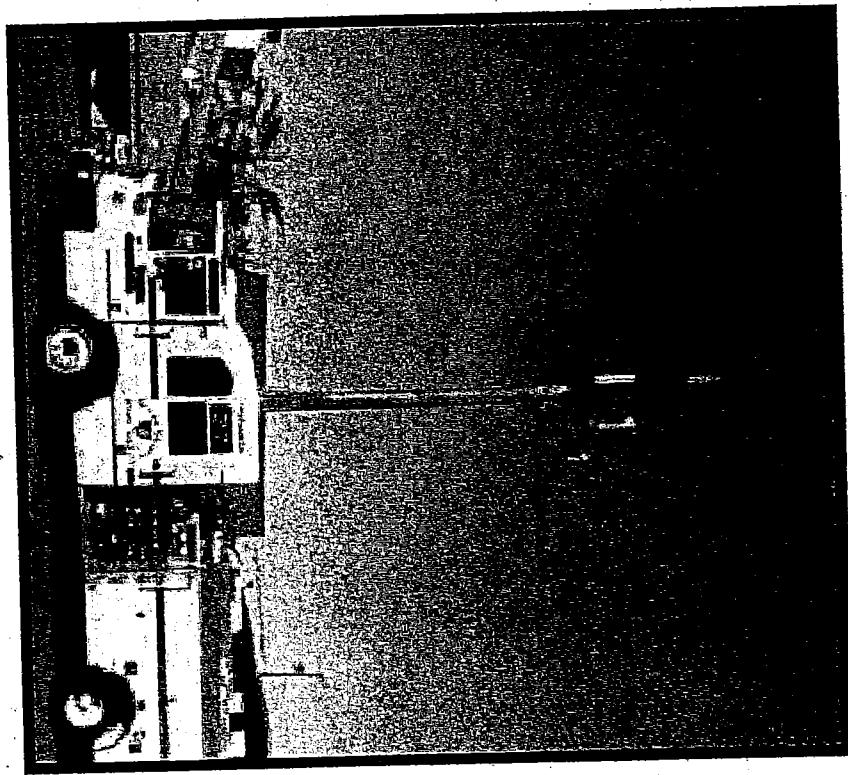


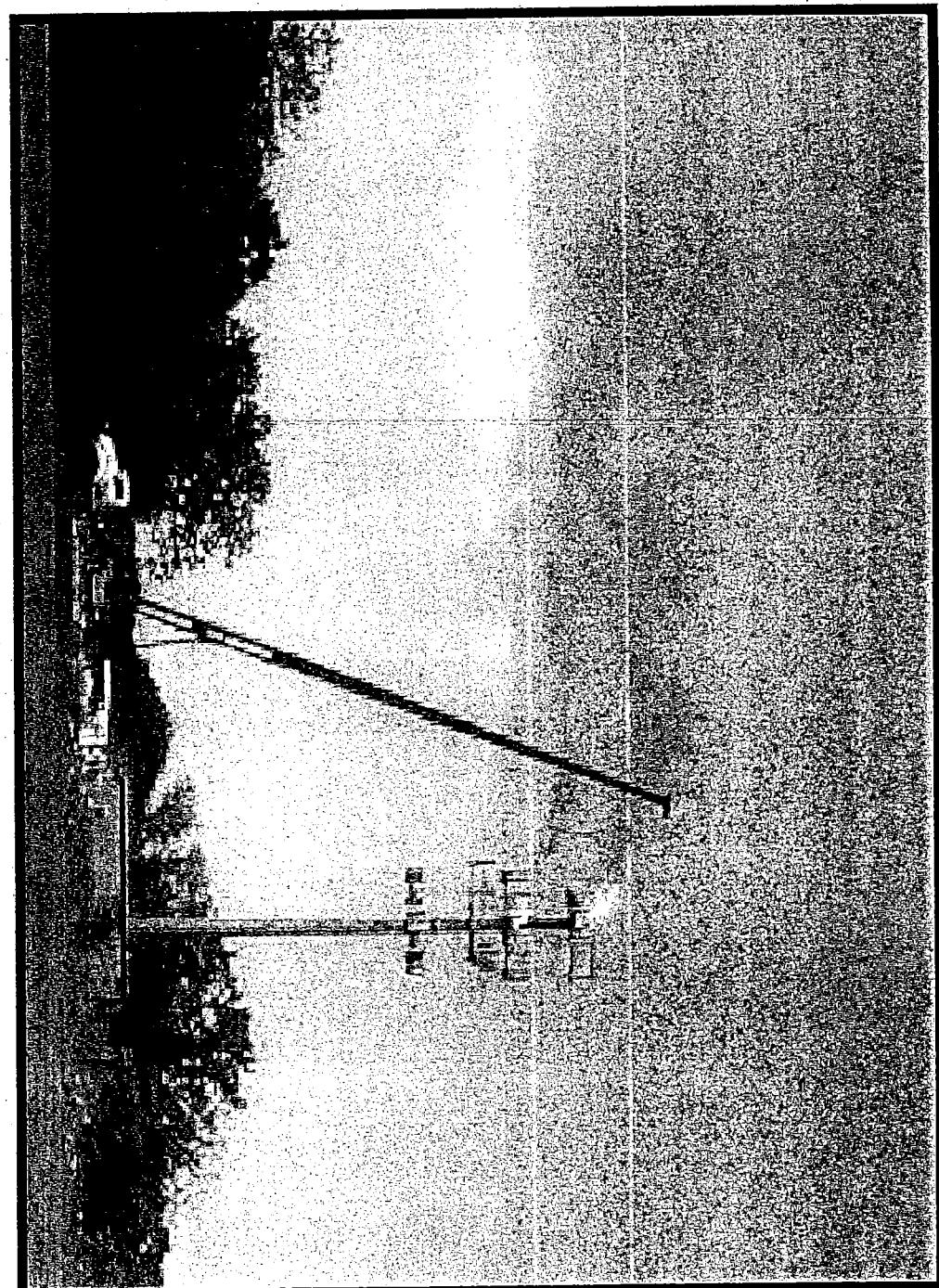
It is recommended that the battery be installed in a clean, cool, dry location. Floors should be reasonably level and able to support the battery weight. A location having an ambient temperature of 25°C (77°F) will result in optimum battery life and performance. Temperatures below 18°C (65°F) reduce 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. <i>Fire, other</i>	4
111. <i>Building fire</i>	402
112. <i>Fires in struct. other than in a bldg.</i>	50
113. <i>Cooking fire, confined to container</i>	1,219
114. <i>Chimney/mue fire, confined to chimney</i>	17
115. <i>Incinerator over/oad/mol. fire confined</i>	1
116. <i>Fuel burner/boiler mol., fire confined</i>	2
117. <i>Commercial Compactor fire, rubbish only</i>	2
118. <i>Trash or rubbish fire, contained</i>	661
122. <i>Fire in motor home, camper or RV</i>	5
123. <i>Fire in portable bldg., fixed location</i>	14
130. <i>Mobile property (vehicle) fire, other</i>	61
131. <i>Passenger vehicle fire</i>	210
132. <i>Road freight or transport vehicle fire</i>	10
137. <i>Camper or recreational vehicle (RV) fire</i>	1
138. <i>Off-road vehicle or heavy equipment fire</i>	2
140. <i>Natural vegetation fire, other</i>	25
141. <i>Forest, woods or wildland fire</i>	4
142. <i>Brush, or brush and grass mixture fire</i>	36
143. <i>Grass fire</i>	48

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

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

Incident Type	Count
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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, defect/worn wiring	36
442	Overheated motor	55
443	Light ballast breakdown	8
444	Power line down (wire)	234
445	Arcing, shorted electrical equipment	93

## 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

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 who 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

Incident Type	Count
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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

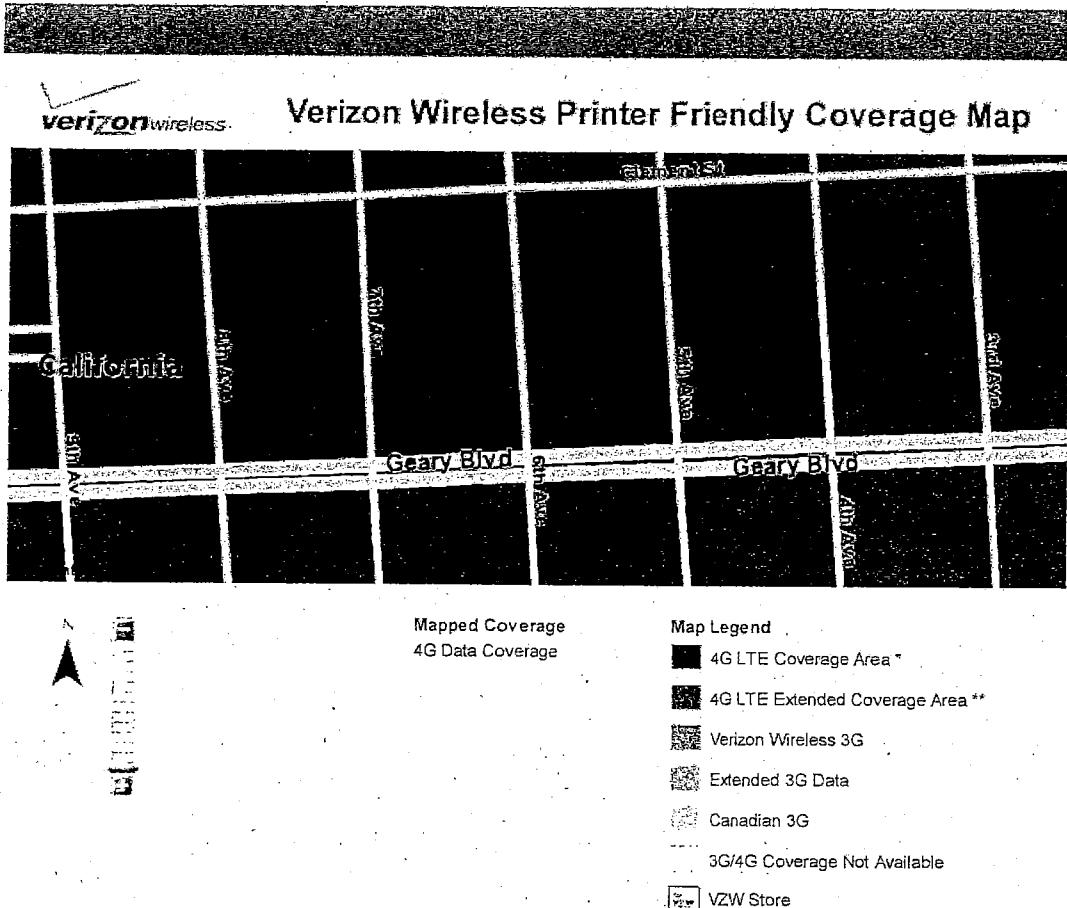
*Total SFFD Incidents:*

108,714

## **EXHIBIT G**

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

## **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

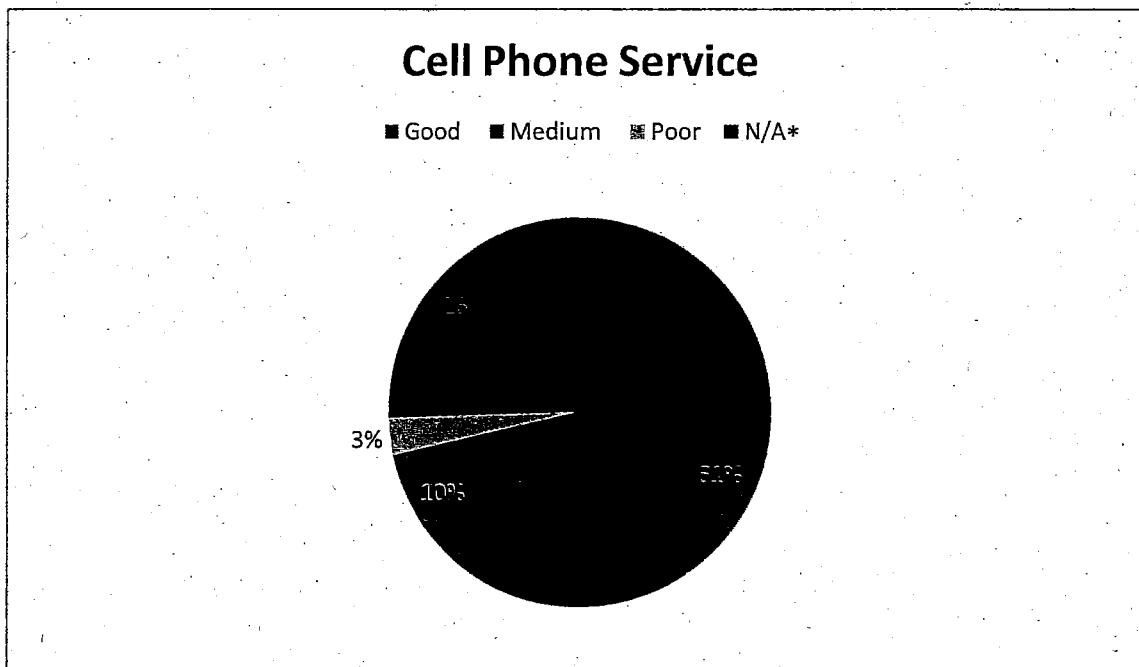
When your banner displays "Extended Network" or "Roaming", included Features and Optional Services may not be available, standard Text/Picture/Video Messaging rates apply when available. When your banner displays "Verizon Wireless", Optional Services, including Unlimited Text/Picture/Video/IN Messaging if purchased, 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
1	Asad - Alkh	5775 7th Ave SF CA	415 517 930	Verizon <input checked="" type="checkbox"/> ATT Other <input type="checkbox"/>	Poor OK Good	
2	Living Bank	735 Ave 9th & 18	415-360-8724	Verizon <input type="checkbox"/> ATT Other <input checked="" type="checkbox"/>	Poor OK Good	
3	Beverly Starn	9031 Geary	833-3907	Verizon <input type="checkbox"/> ATT Other <input checked="" type="checkbox"/>	Poor OK Good	
4	Jean Tominaga	49 Emerson	567-1059	Verizon <input type="checkbox"/> ATT Other <input checked="" type="checkbox"/>	Poor OK Good	
5	Cheng Ji Qun	1532 Cabrillo	831-546-8	Verizon <input type="checkbox"/> ATT Other <input checked="" type="checkbox"/>	Poor OK Good	
6	Isolda Chen	624 Cabrillo	831-4412	Verizon <input type="checkbox"/> ATT Other <input checked="" type="checkbox"/>	Poor OK Good	
7	ST Taylor French	(833) 735 Ave	415-200-5648	Verizon <input type="checkbox"/> ATT Other <input checked="" type="checkbox"/>	Poor OK Good	
8	CiCi Wang	735 7th	415/410-7000	Verizon <input type="checkbox"/> ATT Other <input checked="" type="checkbox"/>	Poor OK Good	
9	Bin Tong		(415)-812-5694	Verizon <input checked="" type="checkbox"/> ATT Other <input type="checkbox"/>	Poor OK Good	
10	S. S. Galloway	1226 12th	415 (415) 363 203	Verizon <input type="checkbox"/> ATT Other <input checked="" type="checkbox"/>	Poor OK Good	
11	Nancy Keane	1438 Cabrillo		Verizon <input checked="" type="checkbox"/> ATT Other <input type="checkbox"/>	Poor OK Good	
12	Sandy Pugh	477 14th Ave	415-387-2000	Verizon <input checked="" type="checkbox"/> ATT Other <input type="checkbox"/>	Poor OK Good	
13	Michael	550-3rd	751 7967	Verizon <input type="checkbox"/> ATT Other <input checked="" type="checkbox"/>	Poor OK Good	
14	FABIAN LAM	904 Makai St	415-471-5208	Verizon <input type="checkbox"/> ATT Other <input checked="" type="checkbox"/>	Poor OK Good	
15				Verizon <input type="checkbox"/> ATT Other <input checked="" type="checkbox"/>	Poor OK Good	
16				Verizon <input type="checkbox"/> ATT Other <input checked="" type="checkbox"/>	Poor OK Good	
17				Verizon <input type="checkbox"/> ATT Other <input checked="" type="checkbox"/>	Poor OK Good	
18				Verizon <input type="checkbox"/> ATT Other <input checked="" type="checkbox"/>	Poor OK Good	
19				Verizon <input type="checkbox"/> ATT Other <input checked="" type="checkbox"/>	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 5 <sup>th</sup> AVE	415-261-2642		<input type="checkbox"/> Verizon <input checked="" type="checkbox"/> Other Service: P M G	E. Vogt
2	YUK YING	766 14 <sup>th</sup> AVE	752-46202		<input type="checkbox"/> Verizon <input checked="" type="checkbox"/> Other Service: P M G	Yuk Ying
3	YEO LEE	638 10 <sup>th</sup> AVE	0751-5698		<input type="checkbox"/> Verizon <input checked="" type="checkbox"/> Other Service: P M G	Yeo Lee
4	MARY TONG	1555 14 <sup>th</sup> Ct	263-5873		<input type="checkbox"/> Verizon <input checked="" type="checkbox"/> Other Service: P M G	Mary Tong
5	KATHY LEE	834 1 <sup>st</sup>	933-6340		<input type="checkbox"/> Verizon <input checked="" type="checkbox"/> Other Service: P M G	Kathy Lee
6	EVA Young	763, 4 <sup>th</sup> AVE	386-9295		<input type="checkbox"/> Verizon <input checked="" type="checkbox"/> Other Service: P M G	Eva Young
7	SU LAM	4 <sup>th</sup> AVE			<input type="checkbox"/> Verizon <input checked="" type="checkbox"/> Other Service: P M G	S. Lam
8	May wing	536 2 <sup>nd</sup> AVE	668-6356		<input type="checkbox"/> Verizon <input checked="" type="checkbox"/> Other Service: P M G	May wing
9	Jack Yee	564-11 AVE	752-7337		<input type="checkbox"/> Verizon <input checked="" type="checkbox"/> Other Service: P M G	Jack Yee
10	TATONE YEE	524 1 <sup>st</sup> Ct	7520270		<input type="checkbox"/> Verizon <input checked="" type="checkbox"/> Other Service: P M G	Tatone Yee
11	ANUKWONG	650-1 <sup>st</sup> AVE	387-5591		<input type="checkbox"/> Verizon <input checked="" type="checkbox"/> Other Service: P M G	A. K.
12	JASON KWONG	650 12 <sup>th</sup> AVE	203-5591		<input type="checkbox"/> Verizon <input checked="" type="checkbox"/> Other Service: P M G	J. K.
13	KENRY KWONG	650-1 <sup>st</sup> AVE	518-8134		<input type="checkbox"/> Verizon <input checked="" type="checkbox"/> Other Service: P M G	K. K.
14	TRWINKWONG	650-1 <sup>st</sup> AVE	536-3931		<input type="checkbox"/> Verizon <input checked="" type="checkbox"/> Other Service: P M G	T. K.
15	HATIP KWONG	650-1 <sup>st</sup> AVE	387-5591		<input type="checkbox"/> Verizon <input checked="" type="checkbox"/> Other Service: P M G	H. K.
16	Sam Yee	524 E	7520270		<input type="checkbox"/> Verizon <input checked="" type="checkbox"/> Other Service: P M G	S. Yee
17	Tim	3010 7th St			<input type="checkbox"/> Verizon <input checked="" type="checkbox"/> Other Service: P M G	Tim
18	Ann Chin	877 E			<input type="checkbox"/> Verizon <input checked="" type="checkbox"/> Other Service: P M G	A. Chin
19	Linda Kuhn	2835 Taraval St. SF			<input type="checkbox"/> Verizon <input checked="" type="checkbox"/> Other Service: P M G	Linda Kuhn
20	Juan Wong	1222 38 AVE	753-0955		<input type="checkbox"/> Verizon <input checked="" type="checkbox"/> Other Service: P M G	J. Wong

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 FOK SUZANNE	674-5th S.F. 94118	(415) 752-3286	Verizon Other	Poor OK Good	Suzanne Fok
2 WONG WEN	674-5th Ave S.F. 94118	(415) 752-3286	Verizon Other	Poor OK Good	Wen Wong
3 CHANG YEE LYAN	523-6th S.F. 94118	668-1665	Verizon Other	Poor OK Good	Yeeuan Chang
4 MIMI LEE	674-6th Ave S.F. CA 94118	(415) 221-0159	Verizon Other	Poor OK Good	Mimi Lee
5 MARY CHE	681-6th Ave S.F. CA 94118	(415) 750-0713	Verizon Other	Poor OK Good	Mary Che
6 CINDY WONG	525-6th Ave S.F. CA 94118	(415) 244-6239	Verizon Other	Poor OK Good	Cindy Wong
7 Yingzhong	526 BALBAST 94118	(415) 751-9025	Verizon Other	Poor OK Good	Yingzhong
8 Qizhein Qian	526 BALBAST 94118	(415) 750-4820	Verizon Other	Poor OK Good	Qizhein Qian
9 Ranjita	526 BALBAST	(415) 750-4820	Verizon Other	Poor OK Good	Ranjita
10 Guang	420 5th Ave GUARANTE	587-0598	Verizon Other	Poor OK Good	Guang
11	526 BALBAST	752-3428	Verizon Other	Poor OK Good	
12	526 BALBAST	613-6058	Verizon Other	Poor OK Good	
13	420 5th Ave SF CA 94118	387-7825	Verizon Other	Poor OK Good	
14	418 5th Ave	387-0598	Verizon Other	Poor OK Good	
15	420 5th Ave S.F. CA 94118	287-3764	Verizon Other	Poor OK Good	
16	420 5th Ave SF CA 94118	387-0598	Verizon Other	Poor OK Good	
17	Yichang Yee	287-0187 387-0188	Verizon Other	Poor OK Good	Yichang Yee
18			Verizon Other	Poor OK Good	
19			Verizon 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		<input type="checkbox"/> Verizon <input type="checkbox"/> Other Service: P M G	MRH
2	Elmer	529 4th Avenue			<input type="checkbox"/> Verizon <input type="checkbox"/> Other Service: P M G	
3	Chris Shelly	533 5th St SF 94118	379-3713		<input type="checkbox"/> Verizon <input type="checkbox"/> Other Service: P M G	
4	Petrakowski	527-5th Ave SF CA 94118	668-5290		<input type="checkbox"/> Verizon <input type="checkbox"/> Other Service: P M G	PE
5	Daniel Shallit	916-216-0110	544 5th ave 94118		<input type="checkbox"/> Verizon <input type="checkbox"/> Other Service: P M G	
6	Basilisa Halag	1431 Anza St	221-7968		<input type="checkbox"/> Verizon <input type="checkbox"/> Other Service: P M G	BB
7	Sam Miller	510 6th Ave SF 94118	407-4172		<input type="checkbox"/> Verizon <input type="checkbox"/> Other Service: P M G	SM
8	JULIANNE SILWART	512 6th Ave SF 94118	515-2600		<input checked="" type="checkbox"/> Verizon <input type="checkbox"/> Other Service: P M G	JS
9	WILLIAM WALTER	524 6th Ave SF 94118	415-895- 510-415-6719		<input type="checkbox"/> Verizon <input type="checkbox"/> Other Service: P M G	WW
10	DAVID PURSELL	405 6th Ave # SF CA 94118	415 382-7486		<input type="checkbox"/> Verizon <input type="checkbox"/> Other Service: P M G	DP
11	Mitchell Yours	526 7th Ave #2 SF 94118	415-904-9727		<input checked="" type="checkbox"/> Verizon <input type="checkbox"/> Other Service: P M G	D
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	
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20					<input type="checkbox"/> Verizon <input type="checkbox"/> Other Service: P M G	

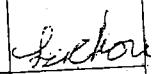
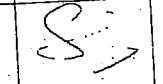
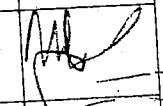
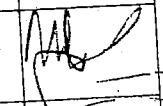
These participants oppose the Verizon Antenna Project on at Kaiser Permanente SF at 498 6th Ave.

	Printed Name	Address	Phone	Which Cell Service?	Cell Service Quality? (P = Poor, M = Ok, G = Good)	Signature
1	Paloma Wang	658 3rd Ave	(415) 666-3357	Verizon Other	Poor OK Good	Paloma Wang
2	Renying Wu	775-7th Ave	(415) 362-4076	X Verizon Other	Poor OK Good	Renying Wu
3	Kui Ling Lin	775-7th Ave	(415) 387-2898	Verizon Other	Poor OK Good	Kui Ling Lin
4	Yan Fen Feng	775-7th Ave	415-728-4250	Verizon Other	Poor OK Good	Yan Fen Feng
5	Margaret Wu	775-7th Ave	(415) 661-9133	Verizon Other	Poor OK Good	Margaret Wu
6	Li, Rong	775 7th Ave	415-676-0100	Verizon Other	Poor OK Good	Li, Rong
7	Yunqiang Cheng	775 7th Ave	415-750-1624	Verizon Other	Poor OK Good	Yunqiang Cheng
8	Sandian Ng	775-7th Ave	415-386-0184	Verizon Other	Poor OK Good	Sandian Ng
9	Yael Hu	673 8th Ave	415-666-3581	Verizon Other	Poor OK Good	Yael Hu
10	Agnes Zhu	777-7th Ave	415-269-9263	X Verizon Other	Poor OK Good	Agnes Zhu
11	Elisa Bui	775-7th Ave	(415) 933-6386	Verizon Other	Poor OK Good	Elisa Bui
12	Shuping Fei	775-7th Ave	415-703-2645	Verizon Other	Poor OK Good	Shuping Fei
13	Zixiaokhuan	775-7th Ave	415-5852641	Verizon Other	Poor OK Good	Zixiaokhuan
14	Caizhenheng	775-7th Ave	415-490-6553	Verizon Other	Poor OK Good	Caizhenheng
15	Chunlin Wang	775-7th Ave	415-679-1877	X Verizon Other	Poor OK Good	Chunlin Wang
16	Wen Yang Wang	777-7th Ave	415-513-9692	Verizon Other	Poor OK Good	Wen Yang Wang
17	Qiu YANG	777-7th Ave	415-282-1788	X Verizon Other	Poor OK Good	Qiu YANG
18	Helen Situ	777-7th Ave	415-666-3469	X Verizon Other	Poor OK Good	Helen Situ
19	Tom CHENG	775-7th Ave	415-317-2694	Verizon Other	Poor OK Good	Tom CHENG

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	Lim Li Wang	775 7 <sup>th</sup> AVE	(415) 388-423	Verizon <input checked="" type="checkbox"/> ATT Other <input type="checkbox"/> none	Poor OK <input checked="" type="radio"/> Good	Li Li
2	ZHI FANG LIANG	775 <sup>th</sup> AVE	(415) 823-4967	Verizon <input checked="" type="checkbox"/> ATT Other <input type="checkbox"/> none	Poor OK <input checked="" type="radio"/> Good	Zhi Fang
3	RACHEL CAO	775 <sup>th</sup> AVE	(415) 587-8570	Verizon <input checked="" type="checkbox"/> ATT Other <input type="checkbox"/>	Poor OK <input checked="" type="radio"/> Good	Rachel
4	XIAO KU DENG	777 7 Ave	(415) 566-3168	Verizon <input checked="" type="checkbox"/> ATT Other <input type="checkbox"/>	Poor OK <input checked="" type="radio"/> Good	Xiao Ku Deng
5	Chuanleintong	775 7 <sup>th</sup> AVE	915-661-428	Verizon <input checked="" type="checkbox"/> ATT Other <input type="checkbox"/>	Poor OK <input checked="" type="radio"/> Good	Chuan
6	Roger Sun	775 7 <sup>th</sup> AVE	415-566-5274	Verizon <input checked="" type="checkbox"/> ATT Other <input type="checkbox"/>	Poor OK <input checked="" type="radio"/> Good	Roger
7				Verizon <input type="checkbox"/> ATT Other <input type="checkbox"/>	Poor OK <input checked="" type="radio"/> Good	
8				Verizon <input type="checkbox"/> ATT Other <input type="checkbox"/>	Poor OK <input checked="" type="radio"/> Good	
9				Verizon <input type="checkbox"/> ATT Other <input type="checkbox"/>	Poor OK <input checked="" type="radio"/> Good	
10				Verizon <input type="checkbox"/> ATT Other <input type="checkbox"/>	Poor OK <input checked="" type="radio"/> Good	
11				Verizon <input type="checkbox"/> ATT Other <input type="checkbox"/>	Poor OK <input checked="" type="radio"/> Good	
12				Verizon <input type="checkbox"/> ATT Other <input type="checkbox"/>	Poor OK <input checked="" type="radio"/> Good	
13				Verizon <input type="checkbox"/> ATT Other <input type="checkbox"/>	Poor OK <input checked="" type="radio"/> Good	
14				Verizon <input type="checkbox"/> ATT Other <input type="checkbox"/>	Poor OK <input checked="" type="radio"/> Good	
15				Verizon <input type="checkbox"/> ATT Other <input type="checkbox"/>	Poor OK <input checked="" type="radio"/> Good	
16				Verizon <input type="checkbox"/> ATT Other <input type="checkbox"/>	Poor OK <input checked="" type="radio"/> Good	
17				Verizon <input type="checkbox"/> ATT Other <input type="checkbox"/>	Poor OK <input checked="" type="radio"/> Good	
18				Verizon <input type="checkbox"/> ATT Other <input type="checkbox"/>	Poor OK <input checked="" type="radio"/> Good	
19				Verizon <input type="checkbox"/> ATT Other <input type="checkbox"/>	Poor OK <input checked="" type="radio"/> 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	INTANGILEUAN	472 7TH #1 Ave	415-679-0123	Verizon / ATT Other	Poor OK Good	
2	Jeffrey Lin	476 7TH #1 Ave	415-386-3980	Verizon ATT Other	Poor OK Good	
3	Lanchou	476 NVR #2	415-412-4888	Verizon / ATT Other	Poor OK Good	
4	Jeffrey Lin	480 PLATE #3	415-728-0521	Verizon ATT Other	Poor OK Good	
5	Seiji Suzukoff	496-7th Ave	415-221-1078	Verizon ATT Other	Poor OK Good	
6	M. Chael Station	483 6th Ave	415-374-4718	Verizon ATT Other	Poor 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
1	MURIEL QUINN	SF 4th & Brundage	415 643 4373	<input checked="" type="checkbox"/> Verizon <input type="checkbox"/> ATT <input type="checkbox"/> Other	Poor <input type="OK"/> Good	MURIEL QUINN
2	AARON POLLACK	788 3rd Ave SF, CA 94118	415-831-2669	<input checked="" type="checkbox"/> Verizon <input type="checkbox"/> ATT <input type="checkbox"/> Other	Poor OK <input type="Good"/>	AARON POLLACK
3	DUSTIN ERWIN	80 4th brook Ave SF, CA 94131	415-577-7303	<input type="checkbox"/> Verizon <input checked="" type="checkbox"/> ATT <input type="checkbox"/> Other	Poor OK Good	DUSTIN ERWIN
4	JACKIE LEM	309 San Marcos Ave SF, CA 94116	415-731-2302	<input checked="" type="checkbox"/> Verizon <input type="checkbox"/> ATT <input type="checkbox"/> Other	Poor <input type="OK"/> Good	JACKIE LEM
5	Elizabeth Ulrich	325 15th Ave SF, CA 94118	415-342-9424	<input checked="" type="checkbox"/> Verizon <input checked="" type="checkbox"/> ATT <input type="checkbox"/> Other	Poor OK <input type="Good"/>	Elizabeth Ulrich
6	Harry Stanley	429 6th Ave S.F. CA 94118	607-721-6074	<input type="checkbox"/> Verizon <input type="checkbox"/> ATT <input checked="" type="checkbox"/> Other	Poor OK <input type="Good"/>	Harry Stanley
7	Katherine Raisch	1631 Hayes SF CA 94117	415 525 9686	<input type="checkbox"/> Verizon <input type="checkbox"/> ATT <input checked="" type="checkbox"/> Other	Poor OK <input type="Good"/>	Katherine Raisch
8	Carrie Knabe	—	—	<input type="checkbox"/> Verizon <input checked="" type="checkbox"/> ATT <input type="checkbox"/> Other	Poor OK <input type="Good"/>	Carrie Knabe
9	Brenda Wood	1440 Clay St #2 SF CA 94109	415-828-7742	<input type="checkbox"/> Verizon <input type="checkbox"/> ATT <input checked="" type="checkbox"/> Other	Poor OK <input type="Good"/>	Brenda Wood
10	Rebecca Danna	2803 Golden Gate SF 9 4118	—	<input type="checkbox"/> Verizon <input type="checkbox"/> ATT <input checked="" type="checkbox"/> Other	Poor OK <input type="Good"/>	Rebecca Danna
11	Ali GOLDSTEIN	—	—	<input type="checkbox"/> Verizon <input checked="" type="checkbox"/> ATT <input type="checkbox"/> Other	Poor OK <input type="Good"/>	Ali GOLDSTEIN
12	JST Wren	2100 FULTON ST SF CA 94118	—	<input type="checkbox"/> Verizon <input checked="" type="checkbox"/> ATT <input type="checkbox"/> Other	Poor OK <input type="Good"/>	JST Wren
13	Emily Lee	P.O. Box 70224 SF, CA, 014117	—	<input type="checkbox"/> Verizon <input type="checkbox"/> ATT <input checked="" type="checkbox"/> Other	Poor OK <input type="Good"/>	Emily Lee
14	Paige Lee	—	N/Lit	<input type="checkbox"/> Verizon <input type="checkbox"/> ATT <input type="checkbox"/> Other	Poor OK <input type="Good"/>	Paige Lee
15				<input type="checkbox"/> Verizon <input type="checkbox"/> ATT <input type="checkbox"/> Other	Poor OK <input type="Good"/>	
16				<input type="checkbox"/> Verizon <input type="checkbox"/> ATT <input type="checkbox"/> Other	Poor OK <input type="Good"/>	
17				<input type="checkbox"/> Verizon <input type="checkbox"/> ATT <input type="checkbox"/> Other	Poor OK <input type="Good"/>	
18				<input type="checkbox"/> Verizon <input type="checkbox"/> ATT <input type="checkbox"/> Other	Poor OK <input type="Good"/>	
19				<input type="checkbox"/> Verizon <input type="checkbox"/> ATT <input type="checkbox"/> Other	Poor OK <input type="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	Verizon <input checked="" type="checkbox"/> ATT Other <input type="checkbox"/>	Poor <input type="radio"/> OK <input checked="" type="radio"/> Good	David Harte
2	Julia Harte	914 EDINBURGH SF CA 94112	(415) 786-1620	Verizon <input type="checkbox"/> ATT Other <input checked="" type="checkbox"/>	Poor <input type="radio"/> OK <input checked="" type="radio"/> Good	Julia Harte
3	Achen Broner	1529 Grove St SF, CA 94117	415-407-5618	Verizon <input checked="" type="checkbox"/> ATT Other <input type="checkbox"/>	Poor <input type="radio"/> OK <input checked="" type="radio"/> Good	Achen Broner
4	Jill Kelly	4137 19th St. SF, CA 94114	617-785-8993	Verizon <input type="checkbox"/> ATT Other <input checked="" type="checkbox"/>	Poor <input type="radio"/> OK <input checked="" type="radio"/> Good	Jill Kelly
5	Dan Kelly	1776 Page SF CA 94117	415-272-7797	Verizon <input checked="" type="checkbox"/> ATT Other <input type="checkbox"/>	Poor <input type="radio"/> OK <input checked="" type="radio"/> Good	Dan Kelly
6	Dulie Beck	1910 47th Ave SF, CA 94110	415-716-5055	Verizon <input checked="" type="checkbox"/> ATT Other <input type="checkbox"/>	Poor <input type="radio"/> OK <input checked="" type="radio"/> Good	Dulie Beck
7	michelle geving	1333 Jones #510 SF CA 94109	415-602- 5500	Verizon <input checked="" type="checkbox"/> ATT Other <input type="checkbox"/>	Poor <input type="radio"/> OK <input checked="" type="radio"/> Good	michelle geving
8	Gabrielle Thompson	1250 Eddy 401 SF, CA 94109	415-256-4021	Verizon <input type="checkbox"/> ATT Other <input checked="" type="checkbox"/>	Poor <input type="radio"/> OK <input checked="" type="radio"/> Good	Gabrielle Thompson
9	Records	450 SUTTER ST SAN FRANCISCO CA, 94108	415-433-5957	Verizon <input checked="" type="checkbox"/> ATT Other <input type="checkbox"/>	Poor <input type="radio"/> OK <input checked="" type="radio"/> Good	Records
10	WRAY	715 40th AVE S.F. Ct 94121	415-931-2166	Verizon <input checked="" type="checkbox"/> ATT Other <input type="checkbox"/>	Poor <input type="radio"/> OK <input checked="" type="radio"/> Good	WRAY
11	Miran Kim	715 7th AVE MAS, CA 94118	415-271-1100	Verizon <input checked="" type="checkbox"/> ATT Other <input type="checkbox"/>	Poor <input type="radio"/> OK <input checked="" type="radio"/> Good	Miran Kim
12	KA, kewi	49 (2nd) E. 1/2 ST A	415-525-6788	Verizon <input checked="" type="checkbox"/> ATT Other <input type="checkbox"/>	Poor <input type="radio"/> OK <input checked="" type="radio"/> Good	KA, kewi
13	Donya Gambardula	527 7th AVE SF 94118	415-826-4586	Verizon <input checked="" type="checkbox"/> ATT Other <input type="checkbox"/>	Poor <input type="radio"/> OK <input checked="" type="radio"/> Good	Donya Gambardula
14	Michelle Givny	1333 Jones St Apt 70 SF CA 94107	415-602-5509	Verizon <input checked="" type="checkbox"/> ATT Other <input type="checkbox"/>	Poor <input type="radio"/> OK <input checked="" type="radio"/> Good	Michelle Givny
15				Verizon <input type="checkbox"/> ATT Other <input type="checkbox"/>	Poor <input type="radio"/> OK <input checked="" type="radio"/> Good	
16				Verizon <input type="checkbox"/> ATT Other <input type="checkbox"/>	Poor <input type="radio"/> OK <input checked="" type="radio"/> Good	
17				Verizon <input type="checkbox"/> ATT Other <input type="checkbox"/>	Poor <input type="radio"/> OK <input checked="" type="radio"/> Good	
18				Verizon <input type="checkbox"/> ATT Other <input type="checkbox"/>	Poor <input type="radio"/> OK <input checked="" type="radio"/> Good	
19				Verizon <input type="checkbox"/> ATT Other <input type="checkbox"/>	Poor <input type="radio"/> OK <input checked="" type="radio"/> 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 AouA	1456 Page Street	626-7828	Verizon Other	Poor OK Good	<i>Katia</i>
2	Debra Clegg	775 5th Ave #305		Verizon Other	Poor OK Good	<i>Debra C</i>
3	Angie Jethi			Verizon Other	Poor OK Good	<i>Angie J</i>
4	Casey Johnson	1456 Steyanst #1SF, CA 94118	617-851-1451	Verizon Other	Poor OK Good	<i>Casey</i>
5	Anydell Gao	621 Arguello Blvd #102 SF CA 94118		Verizon Other	Poor OK Good	<i>Anydell Gao</i>
6	AcHIRE	855 Arguello Blvd SF 94118		Verizon Other	Poor OK Good	<i>AcHIRE</i>
7	Phaedra Starr	3036 Fulton SF CA 94118	415 7860005	Verizon Other	Poor OK Good	<i>Phaedra Starr</i>
8	Dawn Johnson	1203 5th Ave	415-2549413	Verizon Other	Poor OK Good	<i>Dawn Johnson</i>
9	DAVID RAJAR	1456 PAGE St -	615 6267828	Verizon Other	Poor OK Good	<i>DAVID RAJAR</i>
10	ICDD ANGEL	1271 24th Ave	415 9633403	Verizon Other	Poor OK Good	
11				Verizon Other	Poor OK Good	
12				Verizon Other	Poor OK Good	
13				Verizon Other	Poor OK Good	
14				Verizon Other	Poor OK Good	
15				Verizon Other	Poor OK Good	
16				Verizon Other	Poor OK Good	
17				Verizon Other	Poor OK Good	
18				Verizon Other	Poor OK Good	
19				Verizon Other	Poor OK Good	

1/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	TOBY LEE	679 6 <sup>th</sup> Ave (415) 92-7121		✓ Verizon    ATT Other	Poor    OK    Good	TOBY LEE
2	YONNE LEE	4142 CACT (715) 386-6608		✓ Verizon    ATT Other	Poor    OK    Good	Yonnie Lee
3	GUO XIANG CHEN	681-6TH AVE (415) 401-5829		✓ Verizon    ATT Other	Poor    OK    Good	Guo Xiang Chen
4	Sen Lee	578-6TH AVE (415) 752-0722		Verizon    ATT Other	Poor    OK    Good	Sen Lee
5	Sally Lee	576-6TH AVE 379-6480		Verizon    ATT Other	Poor    OK    Good	Sally Lee
6	Ying Li	578 6TH AVE (415) 601-5217		✓ Verizon    ATT Other	Poor    OK    Good	Ying Li
7	Kun Li	576 6TH AVE 269-7116	(415)	✓ Verizon    ATT Other	Poor    OK    Good	Kun Li
8	David Gee	578 6TH AVE 632-7367		Verizon    ATT Other	Poor    OK    Good	David Gee
9	Wang Han	446-6TH AVE 298-8681		Verizon    ATT Other	Poor    OK    Good	Wang Han
10	Yi Lin	446-6TH AVE 711-8118		Verizon    ATT Other	Poor    OK    Good	Yi Lin
11	MEI CHEN	587-5 <sup>th</sup> AVE 415-668-0177		✓ Verizon    ATT Other	Poor    OK    Good	Mei Chen
12	WILLIAM CHEN	587-5 <sup>th</sup> AVE 668-0177		✓ Verizon    ATT Other	Poor    OK    Good	William Chen
13	DAN HUANG	587-5 <sup>th</sup> AVE 668-0177		✓ Verizon    ATT Other	Poor    OK    Good	Dan Huang
14	Zhao Hizhu	633-5 <sup>th</sup> 387-7255		✓ Verizon    ATT Other	Poor    OK    Good	Zhao Hizhu
15	MO YU HUI	633-5 <sup>th</sup> 387-7255		✓ Verizon    ATT Other	Poor    OK    Good	Mo Yu Hui
16	C. Liu Feng Mai	547-6TH 221-2698		Verizon    ATT Other	Poor    OK    Good	C. Liu Feng Mai
17	BO LI	446-198 876-6268		Verizon    ATT Other	Poor    OK    Good	BO LI
18	Denny Wu	632-5 <sup>th</sup> 317-1460		✓ Verizon    ATT Other	Poor    OK    Good	Denny Wu
19	Judy Wu	630-5 <sup>th</sup> 377-9502		Verizon    ATT Other	Poor    OK    Good	Judy Wu

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	Qi Xinyu Hui	636 - 57th	415-349-1280	✓ Verizon Other	ATT Poor OK Good	Qi Hui
2	Kevin Hui	636 - 57th	415-349-1278	✓ Verizon Other	ATT Poor OK Good	Kevin Hui
3	Penny Chee	629 - 5 <sup>th</sup> Ave	415 387-2990	✓ Verizon Other	ATT Poor OK Good	Penny
4	Warren Chee	629 - 5 <sup>th</sup> Ave	415-387-2990	✓ Verizon Other	ATT Poor OK Good	Warren
5	CAI YOUNG HUO	652 5 <sup>th</sup> Ave	(415)379-6785	✓ Verizon Other	ATT Poor OK Good	CAI YOUNG
6	Shing Wu Yiu	650 5 <sup>th</sup> Ave	(415)752-9395	✓ Verizon Other	ATT Poor OK Good	Shing Wu Yiu
7	Liji Chen	658 5TH AVE	(415)221-3187	✓ Verizon Other	ATT Poor OK Good	Liji Chen
8	Jinxi	661 - 5 <sup>th</sup> Ave	415 2215894	✓ Verizon Other	ATT Poor OK Good	Jinxi
9	Diry Lee	667 - 5 <sup>th</sup> Ave	415 752 0218	✓ Verizon Other	ATT Poor OK Good	Diry Lee
10	Lucy Chu Lee	667 - 5 <sup>th</sup> Ave	415 752 0218	✓ Verizon Other	ATT Poor OK Good	Lucy Lee
11	Connie Adler	572 6 <sup>th</sup> Ave	415-999-2016	✓ Verizon Other	ATT Poor OK Good	Connie
12	Kate Watson	570 6 <sup>th</sup> Ave	316-623-6999	✓ Verizon Other	ATT Poor OK Good	Kate
13	Xinkang Jiang	562 6 <sup>th</sup> Ave	415-990-0891	✓ Verizon Other	ATT Poor OK Good	Xinkang Jiang
14	Lan	1441 Anza	415-941-8112	✓ Verizon Other	ATT Poor OK Good	Lan
15	Annie Taus	583 5 <sup>th</sup> Ave	510-446-2222	✓ Verizon Other	ATT Poor OK Good	Annie
16	Wu, Chu Xun	618 - 6th & 18th	415-876-1638	✓ Verizon Other	ATT Poor OK Good	Wu
17	Chiwei Li	521A 5TH AVE	(415)387-4559	✓ Verizon Other	ATT Poor OK Good	Chiwei
18	VIZNTHW	535 5 <sup>th</sup>	387-1409	✓ Verizon Other	ATT Poor OK Good	VIZNTHW
19	Megan Afra	1907 - Anza	808-222-1131	✓ Verizon Other	ATT Poor OK Good	Megan Afra

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 YILUN YU	13441 ANZA S. F. CA 94118	415 751-1477		Verizon <input checked="" type="checkbox"/> Other Service: P M G	YILUN YU
2 TULLY	13441 C ANZA ST 495-4½ AVE	415 310-8557		Verizon <input checked="" type="checkbox"/> Other Service: P M G	TULLY
3 WILLIAM CHEN	S. F.	415-751-3889		Verizon <input checked="" type="checkbox"/> Other Service: P M G	WILLIAM CHEN
4 Binh	487-4½ AVE S. F.	415-666-3498		Verizon <input checked="" type="checkbox"/> Other Service: P M G	Binh
5 Lan Zhu	481-4½ AVE KUNG S.F.	415 387-8191		Verizon <input checked="" type="checkbox"/> Other Service: P M G	Lan Zhu
6 Jerome Tiong	475-4½ AVE S. F. CA	415 387-2450		Verizon <input checked="" type="checkbox"/> Other Service: P M G	Jerome
7 Whitney May	460 4th Ave.			Verizon <input checked="" type="checkbox"/> Other Service: P M G	Whitney May
8 Fei Wang	415 4th Ave	917 698 9869		Verizon <input checked="" type="checkbox"/> Other Service: P M G	Fei Wang
9 Rose Fan	459 4½ Ave	387 6874		Verizon <input checked="" type="checkbox"/> Other Service: P M G	Rose Fan
10 MK Sacyro	451-4½ Ave	375-1124	Call back pt. speaker	Verizon <input checked="" type="checkbox"/> Other Service: P M G	MK Sacyro
11 Deanna Webb	425 4th Ave.	702 927 3048		Verizon <input checked="" type="checkbox"/> Other Service: P M G	Deanna Webb
12 Jonathan	436 5th Ave	415 501 1853		Verizon <input checked="" type="checkbox"/> Other Service: P M G	Jonathan
13				Verizon <input checked="" type="checkbox"/> Other Service: P M G	
14				Verizon <input checked="" type="checkbox"/> Other Service: P M G	
15				Verizon <input checked="" type="checkbox"/> Other Service: P M G	
16				Verizon <input checked="" type="checkbox"/> Other Service: P M G	
17				Verizon <input checked="" type="checkbox"/> Other Service: P M G	
18				Verizon <input checked="" type="checkbox"/> Other Service: P M G	
19				Verizon <input checked="" type="checkbox"/> Other Service: P M G	
20				Verizon <input checked="" 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	Spud Gallagher	5285 1/2 Ave SF, CA 94118	(415) 515 2849	M.J.Gallagher	<input checked="" type="checkbox"/> Verizon <input type="checkbox"/> Other Service: P M G	D
2	Glen Perry				<input type="checkbox"/> Verizon <input type="checkbox"/> Other Service: P M G	GL
3	Perle Yee	545 5th Ave.	(415) 751 4070	j21@pacifier.com	<input type="checkbox"/> Verizon <input type="checkbox"/> Other Service: P M G	PL
4	Caridad Lopez	526 6th Avenue	415 221-1873	CARIDADLOPEZ. SK@YAHOO.COM	<input type="checkbox"/> Verizon <input type="checkbox"/> Other Service: P M G	CL
5	Li Ping Qai	526 6st	415 379-8918		<input type="checkbox"/> Verizon <input type="checkbox"/> Other Service: P M G	LQ
6	Mark Hoss	382A 7th Ave	373-2002		<input type="checkbox"/> Verizon <input type="checkbox"/> Other Service: P M G	MH
7	Emily S	1522 Amza	596-3560		<input type="checkbox"/> Verizon <input type="checkbox"/> Other Service: P M G	ES
8	Clive Farn	516 7th Ave	415 203-3456		<input type="checkbox"/> Verizon <input type="checkbox"/> Other Service: P M G	CF
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 Good	John
2	Stephen Lee	1327 ANZA ST SF CA	215-0023	Verizon ATT Other	Poor OK Good	Steve
3	Victoria Lee	1327 Anza St SF CA	596-3558	Verizon ATT Other	Poor OK Good	Victoria
4	Brian Lee	1327 anza st SF CA	414-7045	Verizon ATT Other	Poor OK Good	Brian
5	XIVI PANG/Lei	505 4TH AV	425-5170	Verizon ATT Other	Poor OK Good	XIVI
6	WILLIAM YAN	517 4th Ave SF, CA	350-7098	Verizon ATT Other	Poor OK Good	William
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	



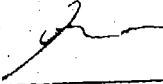
I/we oppose the Verizon Cell tower antennas at Kaiser Permanente at 498 6th Ave

	Printed Name	Address	Phone	Email	Cell Service (P = Poor, M = Ok, G = Good)	Signature
1	Wen Wang	368 7th Ave	751-8710		<input checked="" type="checkbox"/> Verizon <input type="checkbox"/> Other Service: P M G	
2	Helen Wong	368-7th Ave	751-8710		<input checked="" type="checkbox"/> Verizon <input type="checkbox"/> Other Service: P M G	
3	Henry Wang	367 7th Ave	387-7828		<input type="checkbox"/> Verizon <input checked="" 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	

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775 7<sup>th</sup> 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 <input type="checkbox"/> Other Service: P <input checked="" type="checkbox"/> M <input type="checkbox"/> G	
2	Donald Chiu	323 6th Ave SF CA 94118	415 668-6789		<input checked="" type="checkbox"/> Verizon <input type="checkbox"/> Other Service: P <input checked="" type="checkbox"/> M <input type="checkbox"/> G	
3					<input type="checkbox"/> Verizon <input type="checkbox"/> Other Service: P <input type="checkbox"/> M <input type="checkbox"/> G	
4					<input type="checkbox"/> Verizon <input type="checkbox"/> Other Service: P <input type="checkbox"/> M <input type="checkbox"/> G	
5					<input type="checkbox"/> Verizon <input type="checkbox"/> Other Service: P <input type="checkbox"/> M <input type="checkbox"/> G	
6					<input type="checkbox"/> Verizon <input type="checkbox"/> Other Service: P <input type="checkbox"/> M <input type="checkbox"/> G	
7					<input type="checkbox"/> Verizon <input type="checkbox"/> Other Service: P <input type="checkbox"/> M <input type="checkbox"/> G	
8					<input type="checkbox"/> Verizon <input type="checkbox"/> Other Service: P <input type="checkbox"/> M <input type="checkbox"/> G	
9					<input type="checkbox"/> Verizon <input type="checkbox"/> Other Service: P <input type="checkbox"/> M <input type="checkbox"/> G	
10					<input type="checkbox"/> Verizon <input type="checkbox"/> Other Service: P <input type="checkbox"/> M <input type="checkbox"/> 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 CHIEN LIANG	643A 7TH AVE	387-6802		___ Verizon <input checked="" type="checkbox"/> Other Service: P <input checked="" type="checkbox"/> M <input type="checkbox"/> G	<i>Yi</i>
2	SAM KING LIANG	643A 7TH AVE	387-6802		___ Verizon <input checked="" type="checkbox"/> Other Service: P <input checked="" type="checkbox"/> M <input type="checkbox"/> G	<i>Sam King Liang</i>
3					___ Verizon <input type="checkbox"/> Other Service: P <input type="checkbox"/> M <input type="checkbox"/> G	
4					___ Verizon <input type="checkbox"/> Other Service: P <input type="checkbox"/> M <input type="checkbox"/> G	
5					___ Verizon <input type="checkbox"/> Other Service: P <input type="checkbox"/> M <input type="checkbox"/> G	
6					___ Verizon <input type="checkbox"/> Other Service: P <input type="checkbox"/> M <input type="checkbox"/> G	
7					___ Verizon <input type="checkbox"/> Other Service: P <input type="checkbox"/> M <input type="checkbox"/> G	
8					___ Verizon <input type="checkbox"/> Other Service: P <input type="checkbox"/> M <input type="checkbox"/> G	
9					___ Verizon <input type="checkbox"/> Other Service: P <input type="checkbox"/> M <input type="checkbox"/> G	
10					___ Verizon <input type="checkbox"/> Other Service: P <input type="checkbox"/> M <input type="checkbox"/> G	



B/W Gray to An 29  
GTV

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	marth mars. @gmail. com	<input type="checkbox"/> Verizon <input checked="" type="checkbox"/> Other Service: P M G	Marth thompson
2	THELMA FAMORCA	463 6th Ave. # 4	415.831 5237		<input type="checkbox"/> Verizon <input checked="" type="checkbox"/> Other Service: P M G	Thelma
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	Mark Berney	463 6th Ave. #2 SF, CA, 94118	N/A	Mark Berney	Verizon <input checked="" type="checkbox"/> Other Service: P M G	
2					Verizon <input type="checkbox"/> Other Service: P M G	
3					Verizon <input type="checkbox"/> Other Service: P M G	
4					Verizon <input type="checkbox"/> Other Service: P M G	
5					Verizon <input type="checkbox"/> Other Service: P M G	
6					Verizon <input type="checkbox"/> Other Service: P M G	
7					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	ELLEN YAN MAI	685-4412	415-666-787		<input type="checkbox"/> Verizon <input type="checkbox"/> Other Service: P M G	<i>she f...</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		<input type="checkbox"/> Verizon <input checked="" type="checkbox"/> Other Service: P M G	<i>Richard Foley</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	



*Jack*  
*1/15/00*  
1/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 9238	415 374- 9238	gloria.lam.50 @optonline.net	<input type="checkbox"/> Verizon <input checked="" type="checkbox"/> Other Service: P M G	<i>laura</i>
2	Sing Lam	459 4th Ave	415- 387-6874		<input type="checkbox"/> Verizon <input checked="" type="checkbox"/> Other Service: P M G	<i>Sing</i>
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	Eleanor Chab	1355 Anza ST SF CA 94118	(415) 321-0512		___ Verizon <input checked="" type="checkbox"/> Other Service: P M G	<i>Eleanor</i>
2	DeWitt Mesa	505 5th AV	415 3799 59	X	___ Verizon <input checked="" type="checkbox"/> Other Service: P M G	<i>DeWitt</i>
3	Paula Lovci	523 8th AV #4	415 724 5863		___ Verizon <input checked="" type="checkbox"/> Other Service: P M G	<i>Paula</i>
4	Philip Choy	1453 Anza SF CA 94118	415 221-2729		___ Verizon <input checked="" type="checkbox"/> Other Service: P M G	<i>Philip</i>
5	Cynthia Hsu	523 6th Ave, 415-244-6233 5th CA 94118			___ Verizon <input checked="" type="checkbox"/> Other Service: P M G	<i>Cynthia</i>
6	Sasha Ekstrom	4976th Ave 917399 SF CA 94118 9484		X	___ Verizon <input checked="" type="checkbox"/> Other Service: P M G	<i>Sasha</i>
7	BENSON TRUONG	4716th Ave #1 SF CA 94118 0843	415-751-	/	___ Verizon <input checked="" type="checkbox"/> Other Service: P M G	<i>Benson</i>
8	Alex Chen	1532 Anza st			___ Verizon <input checked="" type="checkbox"/> Other Service: P M G	<i>Alex</i>
9	Felix Fong	1027th AVE #5		/	___ Verizon <input checked="" type="checkbox"/> Other Service: P M G	<i>Felix</i>
10					___ Verizon <input checked="" 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	IRACY AU	466 3 <sup>RD</sup> AVE	751-2165		Verizon <input checked="" type="checkbox"/> Other Service: P M G	<i>Brumley</i>
2	Kevin Au	466 3rd Ave	751-2165		Verizon <input checked="" type="checkbox"/> Other Service: P M G	<i>Kevin Au</i>
3					Verizon <input type="checkbox"/> Other Service: P M G	
4					Verizon <input type="checkbox"/> Other Service: P M G	
5					Verizon <input type="checkbox"/> Other Service: P M G	
6					Verizon <input type="checkbox"/> Other Service: P M G	
7					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	Heather Wu	573 67th Ave 415-386 2-F CA 94118 6728			<input type="checkbox"/> Verizon <input type="checkbox"/> Other Service: P M G	Heather Wu
2	FENLAN Chen	1	415-831-4113		<input type="checkbox"/> Verizon <input type="checkbox"/> Other Service: P M G	Fenlan Chen
3	SM Genta	4	415-831-4113		<input type="checkbox"/> Verizon <input type="checkbox"/> Other Service: P M G	SM Genta
4	Qi Shian	5	510-432-3438		<input type="checkbox"/> Verizon <input type="checkbox"/> Other Service: P M G	Qi Shian
5	Jian Ying Wang	6	(415)-994-4119		<input type="checkbox"/> Verizon <input type="checkbox"/> Other Service: P M G	Jian Ying Wang
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	MICHAEL K.	525 6th Ave SF, CA	751-7428	/	Verizon <input checked="" type="checkbox"/> Other Service: P M G	Michael
2	Mario K.	525 6th Ave SF, CA	751-7438	/	Verizon <input checked="" type="checkbox"/> Other Service: P M G	Mario
3	CHERRY	525 6th Ave SF, CA	751-7438	/	Verizon <input checked="" type="checkbox"/> Other Service: P M G	XX
4	Wing K.	525 6th Ave SF, CA	751-7438	/	Verizon <input checked="" type="checkbox"/> Other Service: P M G	Wing
5					Verizon <input type="checkbox"/> Other Service: P M G	
6					Verizon <input type="checkbox"/> Other Service: P M G	
7					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	Lori, NATHALI	526 BROADCAST	415- 700-9800		Verizon <input checked="" type="checkbox"/> Other Service: P <input checked="" type="checkbox"/> M <input type="checkbox"/> G	<i>Lori Nathali</i>
2	Lori, DIAZHEI	526 BROADCAST	415- 700-9800		Verizon <input checked="" type="checkbox"/> Other Service: P <input checked="" type="checkbox"/> M <input type="checkbox"/> G	<i>Lori Diazhei</i>
3	Lori, TIPPANY	526 BROADCAST	415- 700-9800		Verizon <input checked="" type="checkbox"/> Other Service: P <input checked="" type="checkbox"/> M <input type="checkbox"/> G	<i>Lori Tippany</i>
4	Lori, VICTORIA	526 BROADCAST	415- 700-9800		Verizon <input checked="" type="checkbox"/> Other Service: P <input checked="" type="checkbox"/> M <input type="checkbox"/> G	<i>Lori Victoria</i>
5	Lori LINDA	526 BROADCAST	415- 700-9800		Verizon <input checked="" type="checkbox"/> Other Service: P <input checked="" type="checkbox"/> M <input type="checkbox"/> G	<i>Lori Linda</i>
6					Verizon <input type="checkbox"/> Other Service: P <input type="checkbox"/> M <input type="checkbox"/> G	
7					Verizon <input type="checkbox"/> Other Service: P <input type="checkbox"/> M <input type="checkbox"/> G	
8					Verizon <input type="checkbox"/> Other Service: P <input type="checkbox"/> M <input type="checkbox"/> G	
9					Verizon <input type="checkbox"/> Other Service: P <input type="checkbox"/> M <input type="checkbox"/> G	
10					Verizon <input type="checkbox"/> Other Service: P <input type="checkbox"/> M <input type="checkbox"/> 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	<i>Fay Wong</i>	183 6TH AVE	668 8991		<input type="checkbox"/> Verizon <input type="checkbox"/> Other Service: P M G	<i>Fay Wong</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	Which Cell Service?	Cell Service Quality? (P = Poor, M = Ok, G = Good)	Signature
1	Anthony	1436 BALBOA	752-8607	Verizon <input type="checkbox"/> ATT Other <input type="checkbox"/>	Poor OK Good	Anthony
2	Wu Lee			Verizon <input type="checkbox"/> ATT Other <input type="checkbox"/>	Poor OK Good	Wu
3	TRAN HUA	502 11th	751-7186	Verizon <input type="checkbox"/> ATT Other <input type="checkbox"/>	Poor OK Good	TRAN HUA
4	Bik Lee	611 10th	752-3428	Verizon <input type="checkbox"/> ATT Other <input type="checkbox"/>	Poor OK Good	Bik Lee
5	Yuk Ying	766 11th	752-4202	Verizon <input type="checkbox"/> ATT Other <input type="checkbox"/>	Poor OK Good	Yuk Ying
6	Bink Lee	612 6th	386-2034	Verizon <input type="checkbox"/> ATT Other <input type="checkbox"/>	Poor OK Good	Bink
7	Ken Kao			Verizon <input type="checkbox"/> ATT Other <input type="checkbox"/>	Poor OK Good	Ken
8	YUE HUA LGI	610A 6th	831-5631	Verizon <input type="checkbox"/> ATT Other <input type="checkbox"/>	Poor OK Good	YHL
9	Wen Hua	3166 11th	751-3870	Verizon <input type="checkbox"/> ATT Other <input type="checkbox"/>	Poor OK Good	W.H.
10	LAHUEHTI		386-2879	Verizon <input type="checkbox"/> ATT Other <input type="checkbox"/>	Poor OK Good	LAHUEHTI
11	LILLIE HONG	743-23RD AVE	387-0417	Verizon <input type="checkbox"/> ATT Other <input type="checkbox"/>	Poor OK Good	LILLIE HONG
12	Siu Fung Ng	760-8 Ave	706-2229	Verizon <input checked="" type="checkbox"/> ATT Other <input type="checkbox"/>	Poor OK Good	Siu Fung Ng
13				Verizon <input type="checkbox"/> ATT Other <input type="checkbox"/>	Poor OK Good	
14				Verizon <input type="checkbox"/> ATT Other <input type="checkbox"/>	Poor OK Good	
15				Verizon <input type="checkbox"/> ATT Other <input type="checkbox"/>	Poor OK Good	
16				Verizon <input type="checkbox"/> ATT Other <input type="checkbox"/>	Poor OK Good	
17				Verizon <input type="checkbox"/> ATT Other <input type="checkbox"/>	Poor OK Good	
18				Verizon <input type="checkbox"/> ATT Other <input type="checkbox"/>	Poor OK Good	
19				Verizon <input type="checkbox"/> ATT Other <input type="checkbox"/>	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	Wen-Tong Ted	195 EWING	963-5873	Verizon <input type="checkbox"/> ATT Other <input type="checkbox"/>	Poor OK Good	Yef
2	Ang Chen	779 15 Ave	386-0690	Verizon <input checked="" type="checkbox"/> ATT Other <input type="checkbox"/>	Poor OK Good	Ang
3	Wanba Zee	235-239 AVENUE 152-5952		Verizon <input type="checkbox"/> ATT Other <input type="checkbox"/>	Poor OK Good	Wanba
4	May Lin	176-16 <sup>th</sup> Ave	221-8163	Verizon <input type="checkbox"/> ATT Other <input type="checkbox"/>	Poor OK Good	ML
5	Philip Chen	4444 Balboast	387-6808	Verizon <input checked="" type="checkbox"/> ATT Other <input type="checkbox"/>	Poor OK Good	Philip
6	Wanti Lee	743-8 <sup>th</sup> Ave		Verizon <input type="checkbox"/> ATT Other <input type="checkbox"/>	Poor OK Good	Wanti
7	Kathy Lee	834 CABRILL	933-6349	Verizon <input checked="" type="checkbox"/> ATT Other <input type="checkbox"/>	Poor OK Good	Kathy
8	VITA TO	4516 7 <sup>th</sup> Ave		Verizon <input type="checkbox"/> ATT Other <input type="checkbox"/>	Poor OK Good	VITA
9	YUZI HUNG	1808ANZA	240-1770	Verizon <input type="checkbox"/> ATT Other <input type="checkbox"/>	Poor OK Good	YUZI
10	Kam Lou	549-8	221-2890	Verizon <input type="checkbox"/> ATT Other <input type="checkbox"/>	Poor OK Good	Kam Lou
11	Wally	655-2nd Ave	387-7096	Verizon <input type="checkbox"/> ATT Other <input type="checkbox"/>	Poor OK Good	Wally
12	David Koenig	650-12 <sup>th</sup> Ave	387-5591	Verizon <input type="checkbox"/> ATT Other <input type="checkbox"/>	Poor OK Good	David
13	Tai Ling	643A 7 <sup>th</sup> Ave	387-6802	Verizon <input type="checkbox"/> ATT Other <input type="checkbox"/>	Poor OK Good	Tai Ling
14	CHEN ANDY			Verizon <input type="checkbox"/> ATT Other <input type="checkbox"/>	Poor OK Good	CHEN ANDY
15	Mo Ling Lee			Verizon <input type="checkbox"/> ATT Other <input type="checkbox"/>	Poor OK Good	Mo Ling Lee
16				Verizon <input type="checkbox"/> ATT Other <input type="checkbox"/>	Poor OK Good	
17				Verizon <input type="checkbox"/> ATT Other <input type="checkbox"/>	Poor OK Good	
18				Verizon <input type="checkbox"/> ATT Other <input type="checkbox"/>	Poor OK Good	
19				Verizon <input type="checkbox"/> ATT Other <input type="checkbox"/>	Poor OK Good	



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

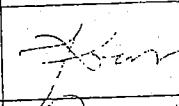
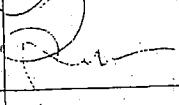
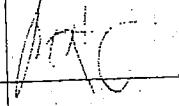
	Printed Name	Address	Phone	Email	Cell Service (P = Poor, M = Ok, G = Good)	Signature
1	Art Lee	356 <sup>51/2</sup> Ave	415-668-1928		Verizon <input type="checkbox"/> Other Service: P <input type="checkbox"/> M <input checked="" type="checkbox"/> G	Art Lee
2	Yue Tam	354 <sup>51/2</sup> Ave	415-661-1328		Verizon <input type="checkbox"/> Other Service: P <input type="checkbox"/> M <input checked="" type="checkbox"/> G	Yue Tam
3	Wifat Tam	110 Gellert Dr.	415 307-2256		Verizon <input type="checkbox"/> Other Service: P <input type="checkbox"/> M <input checked="" type="checkbox"/> G	Wifat Tam
4	Yan Huang	110 Gellert Dr.	415 939-8187		Verizon <input type="checkbox"/> Other Service: P <input type="checkbox"/> M <input checked="" type="checkbox"/> G	Yan Huang
5	Junkie Tam	595 67 <sup>th</sup> Ave	415-706-8675		Verizon <input type="checkbox"/> Other Service: P <input type="checkbox"/> M <input checked="" type="checkbox"/> G	
6	Brennan Neusha	595 67 <sup>th</sup> Ave	415-987-1465		Verizon <input type="checkbox"/> Other Service: P <input type="checkbox"/> M <input checked="" type="checkbox"/> G	Brennan Neusha
7					Verizon <input type="checkbox"/> Other Service: P <input type="checkbox"/> M <input checked="" type="checkbox"/> G	
8					Verizon <input type="checkbox"/> Other Service: P <input type="checkbox"/> M <input checked="" type="checkbox"/> G	
9					Verizon <input type="checkbox"/> Other Service: P <input type="checkbox"/> M <input checked="" type="checkbox"/> G	
10					Verizon <input type="checkbox"/> Other Service: P <input type="checkbox"/> M <input checked="" type="checkbox"/> G	

1/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 Other	Poor OK Good	Linda
2 Tian MIN HUANG	623 8th Ave	(415) 831-9668	Verizon Other	Poor OK Good	Tian
3 Su Qin Zhu Huang	623 8th Ave	(415) 831-9668	Verizon Other	Poor OK Good	Su Qin Zhu Huang
4 E. CHEN	621 8th Ave	(415) 205-1491	Verizon Other	Poor OK Good	Wei Chen
5 Gary Tom	621 8th Ave	(415) 205-1492	Verizon Other	Poor OK Good	Gary Tom
6 Faye Tom	619 8th Ave	(415) 752-3761	Verizon Other	Poor OK Good	Faye Tom
7 Bi Falle Quan	622 6th Ave	(415) 386-2034	Verizon Other	Poor OK Good	Bi Falle Quan
8 Yu Ling Li	547 6th Ave	(415) 751-0922	Verizon Other	Poor OK Good	Yu Ling Li
9 Ya Qing L.	547 6th Ave	(415) 751-0922	Verizon Other	Poor OK Good	Ya Qing L.
10 Shuina Hui Zhu	547 6th Ave	(415) 751-0922	Verizon Other	Poor OK Good	Shuina Hui Zhu
11 Wang Si Li	547 6th Ave	(415) 751-0922	Verizon Other	Poor OK Good	Wang Si Li
12 Jie Jia	559 6th Ave	(415) 751-4745	Verizon Other	Poor OK Good	Jie Jia
13 Jie Jia	557 6th Ave	(415) 751-7745	Verizon Other	Poor OK Good	Jie Jia
14	547 6th Ave	(415) 751-5121	Verizon Other	Poor OK Good	Jie Jia
15 Jue Gong	545 6th AVE	(415) 221-5129	Verizon Other	Poor OK Good	Jue Gong
16 Candy Gong	545 6th AVE	(415) 221-5129	Verizon Other	Poor OK Good	Candy Gong
17 Danny Gong	545 6th AVE	(415) 221-5129	Verizon Other	Poor OK Good	Danny Gong
18 Yui Heung	451 Clement St	(415) 668-4384	Verizon Other	Poor OK Good	Yui Heung

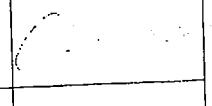
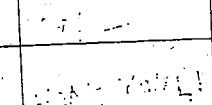


If we oppose the Verizon Cell tower antennas at Kaiser Permanente at 498 6th Ave

	Printed Name	Address	Phone	Email	Cell Service (P = Poor, M = Ok, G = Good)	Signature
1	KARINA NEWELL	622 8TH AVE	415.383 5299	KONAMELL @GMAIL.COM	<input checked="" type="checkbox"/> Verizon <input type="checkbox"/> Other Service: P M G	
2	DAPHNE NEWELL	"	"	"	<input checked="" type="checkbox"/> Verizon <input type="checkbox"/> Other Service: P M G	
3	VAN ANGOLA	625 8TH AVE	415.385.1543		<input checked="" type="checkbox"/> Verizon <input type="checkbox"/> Other Service: P M G	
4					<input checked="" type="checkbox"/> Verizon <input type="checkbox"/> Other Service: P M G	
5					<input checked="" type="checkbox"/> Verizon <input type="checkbox"/> Other Service: P M G	
6					<input checked="" type="checkbox"/> Verizon <input type="checkbox"/> Other Service: P M G	
7					<input checked="" type="checkbox"/> Verizon <input type="checkbox"/> Other Service: P M G	
8					<input checked="" type="checkbox"/> Verizon <input type="checkbox"/> Other Service: P M G	
9					<input checked="" type="checkbox"/> Verizon <input type="checkbox"/> Other Service: P M G	
10					<input checked="" 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	John LEE	610	415-871 5631		Verizon <input checked="" type="checkbox"/> Other Service: P M G	
2	John Lee	610	415-867 -7542		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	John Lee	610	415-878 -578		Verizon <input type="checkbox"/> Other Service: P M G	
7	John Lee	610	415-867 -7540		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	BOYUK Lee Wong	547 6th Ave. SF CA 94118	(415)-771-618		<input type="checkbox"/> Verizon <input checked="" type="checkbox"/> Other Service: P M G	Lee Wong
2	WIND LEE YCHEN OI CHIN	547-6THAVE	221-2698		<input type="checkbox"/> Verizon <input type="checkbox"/> Other Service: P M G	Wm Dick Lee
3	BRA DON WONG MELINDA WONG	547-6THAVE	221-2698		<input type="checkbox"/> Verizon <input type="checkbox"/> Other Service: P M G	Bra don wong
4	MELISSA WONG	547-6THAVE	221-2698		<input type="checkbox"/> Verizon <input type="checkbox"/> Other Service: P M G	MELISSA WONG
5	MELINDA WONG	547-6 <sup>th</sup> Ave. 415- 221-2698			<input type="checkbox"/> Verizon <input type="checkbox"/> Other Service: P M G	MELINDA WONG
6	YCHEN OI CHIN	547-6 <sup>th</sup> Ave 415- 221-2698			<input type="checkbox"/> Verizon <input type="checkbox"/> Other Service: P M G	YCHEN OI CHIN
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	

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 Commision 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.

require Verizon to install just one to relay their signal.  
420 5th Ave. Residents : Henry J. Wang  
Sincerely, Jason Wang  
Henry J. Wang Ruchua Ruchua Wang  
July 26, 2011 YiSheng Yu  
Chunji Li, Guanqiang Ji Wang

418 5th Ave. Residents:

Kelly Rebecca - Troeger

 Cristi Stencil

422 5th Ave. Residents:

 Saul Egan  
Pamela J Husten  
409



*Bar- 11  
CA- 2*

**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

*File 110950*

**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

*RECEIVED  
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JBD*

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

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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.

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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

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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

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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

<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)

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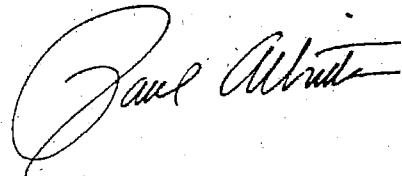
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concerns related to the effects of radio frequency emissions. *See AT&T v. Carlsbad* *supra*. *See also SPRINTCOM INC. v. Puerto Rico Regulations and Permits Admin.* (2008) 553 F.Supp.2d 87. Indeed, the H&E Report states that with the Project operating 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

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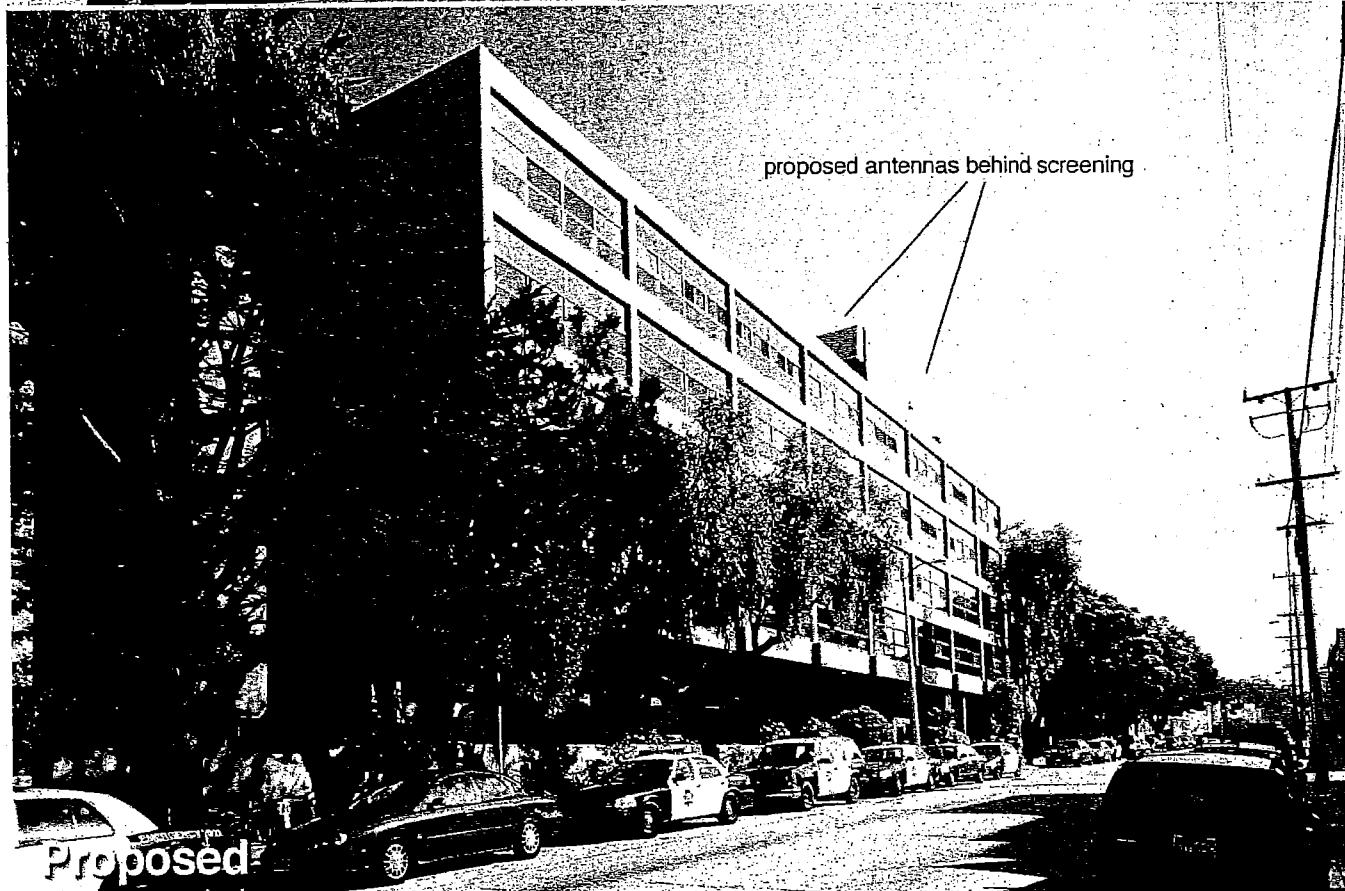
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Schedule of Exhibits:

- 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 A**



**verizon** wireless

**Geary WA**

**Site # 161541**

**Looking South from 6th Avenue**

**View #2**

Applied Imagination 510 914-0500

7/12/11

**450 6th Avenue  
San Francisco, CA 94118**

Exhibit B

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

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.



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

VW161541599  
Page 1 of 3

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, 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.

# 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.sfmta.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

Exhibit A

Park Presidio

Gearry (proposed)

Bekins

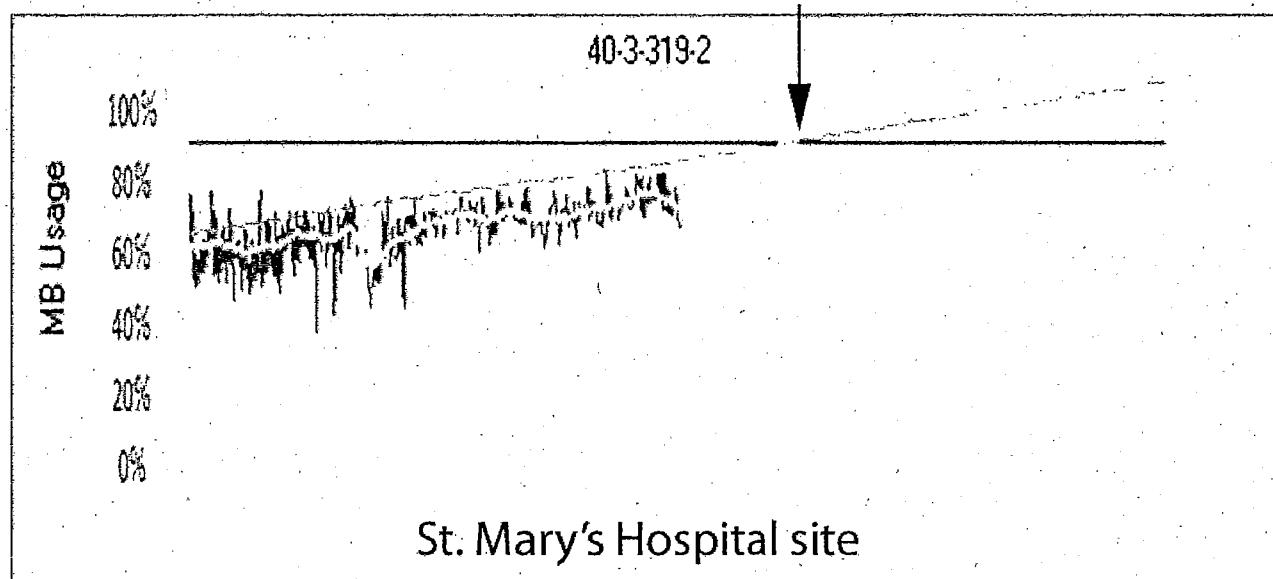
St. Mary's Hospital

Average Hour Call Failures  
August 2011

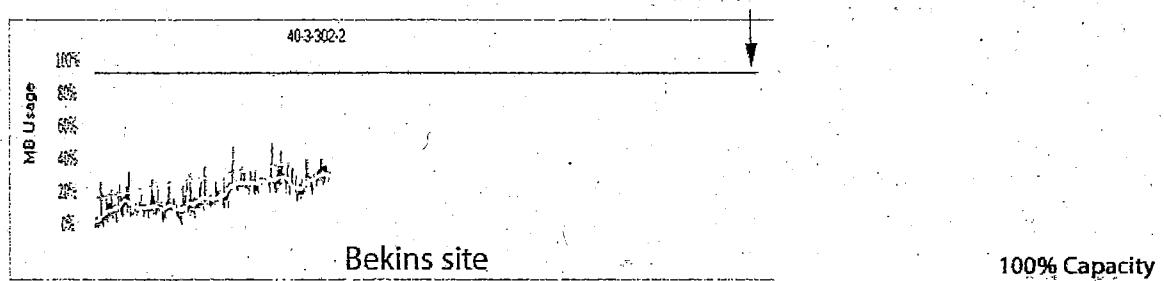
0 1-5 5-15 15-25 25-50 50+

Exhibit B  
Capacity Predictions for Inner Richmond Sectors

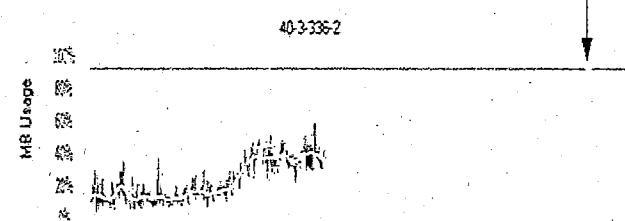
100% Capacity  
December 2011



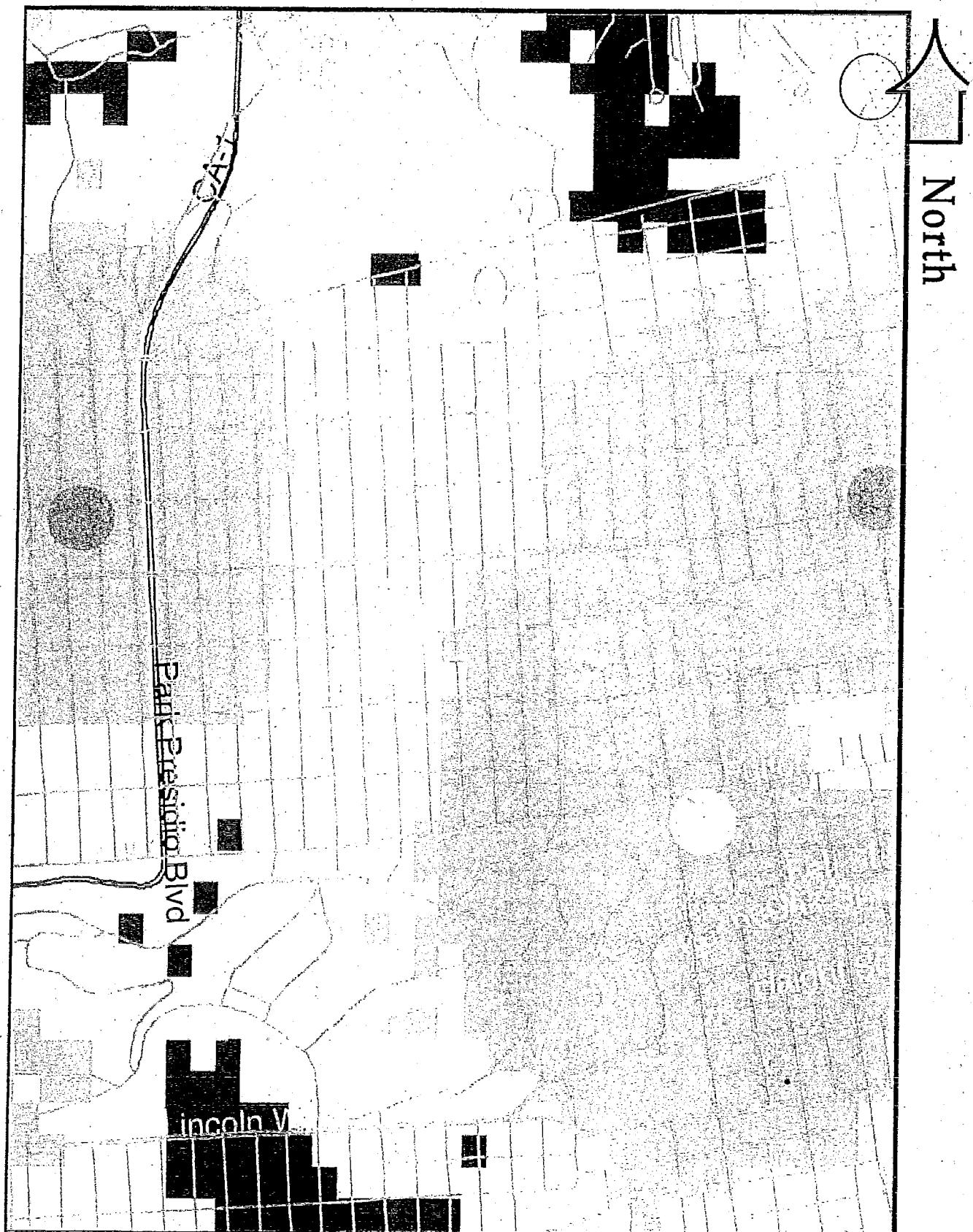
100% Capacity  
December 2012



100% Capacity  
August 2012



# Before New Site



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

Exhibit D

Northern California

Music Art

Culture Center

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

September 29, 2011

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-feet 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**

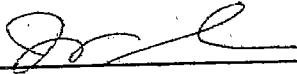
**Re: DENY THE APPEAL AND APPROVE THE VERIZON MICRO  
ANTENNAS**

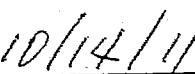
**DEAR CLERK OF THE BOARD AND HONORABLE SUPERVISORS:**

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) 750-0111  
(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 barbecue 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 Kom  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.

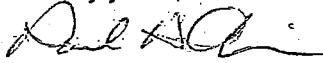
As a former fire marshal, I know that these applications are reviewed not only by the Planning Department, but also by the Health Department and the Fire Department. To protect the public, these agencies ensure the structural integrity and environmental safety of all antenna sites. A radio frequency (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 reasons, 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,

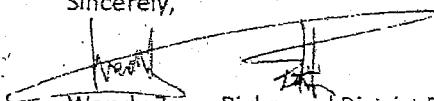
As a resident of the Richmond District and a wireless customer, I would like to give my support for the construction of additional antennas in my neighborhood. In addition to using my cell for telephone calls, I also utilize my phone for web browsing and access to email. I know that the ever-increasing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

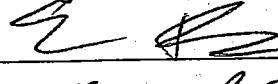
Sincerely,



Gloria Burrell

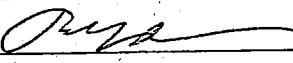
**Yes, let's improve our wireless communications.**

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 BENSLEY

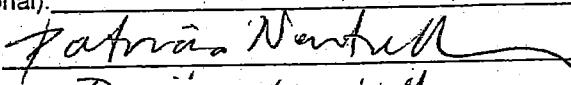
Address: 550 Lake St 305 ZIP Code: 94118

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

2. Signature:   
PRINTED Name: Yvonne Glucklow

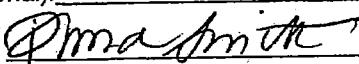
Address: 3595 Geary Blvd ZIP Code: B12 94118

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

3. Signature:   
PRINTED Name: Patricia Nantell

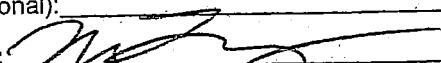
Address: 499 33rd Ave ZIP Code: 94121

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

4. Signature:   
PRINTED Name: RHONDA SMITH

Address: 343 5th Ave #3 ZIP Code: 94108

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

5. Signature:   
PRINTED Name: Marcus Penny

Address: 171 11th Ave #6 ZIP Code: 94108

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 Blumenthal  
PRINTED Name: MILDRED BLUMENKRANTZ  
Address: 3529 CLEMENT ZIP Code: 94112  
Email (optional): \_\_\_\_\_
2. Signature: X Vb1. W  
PRINTED Name: ICA inc.  
Address: 571 6th St ZIP Code: 94118  
Email (optional): \_\_\_\_\_
3. Signature: J May Jel  
PRINTED Name: JOB MAY MAY  
Address: 140 Columbus St ZIP Code: 94118  
Email (optional): \_\_\_\_\_
4. Signature: J/D  
PRINTED Name: JEREMIAH J. DUNCAN  
Address: 542 6th Ave., Apt. 1 ZIP Code: 94118  
Email (optional): \_\_\_\_\_
5. Signature: L Sweetin  
PRINTED Name: Linda Sweetin  
Address: 530 Lake St #1 ZIP Code: 94118  
Email (optional): \_\_\_\_\_

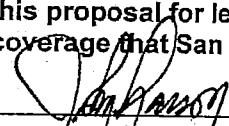
**Yes, let's improve our wireless communications.**

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: Valentina Wallace  
PRINTED Name: Valentina Wallace  
Address: 465 14 Ave ZIP Code: 94118  
Email (optional): \_\_\_\_\_
2. Signature: William Ryan  
PRINTED Name: William Ryan  
Address: 6815 geary ZIP Code: 94121  
Email (optional): \_\_\_\_\_
3. Signature: Lyndsay Flory  
PRINTED Name: Lyndsay Flory  
Address: 41132 Anza St. ZIP Code: 94121  
Email (optional): \_\_\_\_\_
4. Signature: Julia Schreiber  
PRINTED Name: Julia Schreiber  
Address: 2180 Geary St ZIP Code: 94128  
Email (optional): \_\_\_\_\_
5. Signature: Kasia Mankiewicz  
PRINTED Name: Kasia Mankiewicz  
Address: 944 29th Ave ZIP Code: 94121  
Email (optional): \_\_\_\_\_

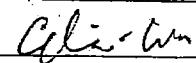
**Yes, let's improve our wireless communications.**

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1. Signature:    
PRINTED Name: John Larson

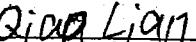
Address: 4140 9th Ave Apt 5 SF CA ZIP Code: 94118

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

2. Signature:    
PRINTED Name: Celia Wu

Address: 236 6<sup>th</sup> Ave ZIP Code: 94118

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

3. Signature:    
PRINTED Name: Qiaoliang Bi

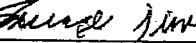
Address: 551 20th Ave 94121 ZIP Code: \_\_\_\_\_

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

4. Signature:    
PRINTED Name: Yuk Yin Ho

Address: 28325 28th ZIP Code: 94121

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

5. Signature:    
PRINTED Name: Stephanie Jimenez

Address: 451 24th Ave apt # A2 ZIP Code: 94121

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

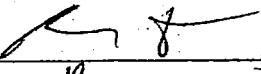
**Yes, let's improve our wireless communications.**

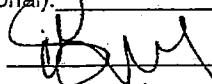
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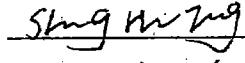
1. Signature: Barney Lourie  
PRINTED Name: Barney Lourie  
Address: 549-12th AVE ZIP Code: 94118  
Email (optional): \_\_\_\_\_
2. Signature: Judge Kott  
PRINTED Name: Judge Kott  
Address: 665 6<sup>th</sup> AVE apt. 3 ZIP Code: 94118  
Email (optional): \_\_\_\_\_
3. Signature: Angel Soldassova  
PRINTED Name: Angel Soldassova  
Address: 1629 Balboa St ZIP Code: 94118  
Email (optional): \_\_\_\_\_
4. Signature: Sandy Lee  
PRINTED Name: SANDY LEE  
Address: 478-34th ZIP Code: 94121  
Email (optional): \_\_\_\_\_
5. Signature: Paul Zhen Huang  
PRINTED Name: PAUL ZHEN HUANG  
Address: 128 17th St ZIP Code: 94118  
Email (optional): \_\_\_\_\_

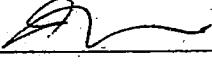
**Yes, let's improve our wireless communications.**

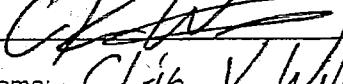
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1. Signature:   
PRINTED Name: Ryan Edgardo  
Address: 322 116<sup>th</sup> Ave ZIP Code: 94118  
Email (optional): \_\_\_\_\_

2. Signature:   
PRINTED Name: Maria Simconova  
Address: 202 6<sup>th</sup> Ave ZIP Code: 94118  
Email (optional): \_\_\_\_\_

3. Signature:   
PRINTED Name: SHUANG HAOTANG  
Address: 669 15<sup>th</sup> AVE ZIP Code: 94118  
Email (optional): \_\_\_\_\_

4. Signature:   
PRINTED Name: Sinyan 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: Myron Yee

PRINTED Name: MYRON YEE

Address: 567 - 20<sup>th</sup> Ave. ZIP Code: 94124

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

2. Signature: James L. Miller

PRINTED Name: JAMES L. MILLER

Address: 402 - 5<sup>th</sup> Ave. ZIP Code: 94118

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

3. Signature: Yee

PRINTED Name: Fuk Soa/G Yee

Address: 282. Golden Gate Ave ZIP Code: 94118

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

4. Signature: Heather Mockeridge

PRINTED Name: Heather Mockeridge

Address: 380 6<sup>th</sup> Ave ZIP Code: 94118

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

5. Signature: Saibal Tariq

PRINTED Name: Saibal Tariq

Address: 649 25<sup>th</sup> Ave ZIP Code: 94121

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

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1. Signature: Liy Kuang  
PRINTED Name: LIY KUANG  
Address: 1532 Anea 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 BLD. #4 ZIP Code: 94121  
Email (optional): \_\_\_\_\_
  
4. 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): \_\_\_\_\_

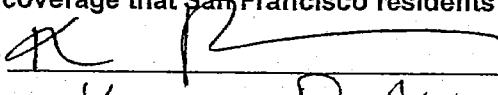
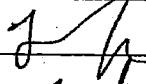
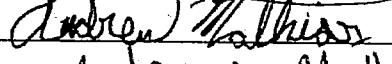
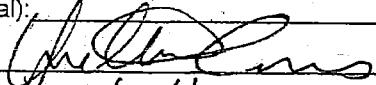
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1. Signature: Lianj Xiong Lin  
PRINTED Name: Lianj Xiong Lin  
Address: 615 4th St ZIP Code: 94118  
Email (optional): \_\_\_\_\_
2. Signature: Kelly New  
PRINTED Name: Kelly New  
Address: 324 6th ave ZIP Code: 94118  
Email (optional): \_\_\_\_\_
3. Signature: C. J. Lee  
PRINTED Name: C. J. Lee  
Address: 3838 Geary, Apt. 3 ZIP Code: 94118  
Email (optional): \_\_\_\_\_
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): \_\_\_\_\_

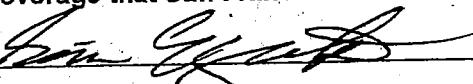
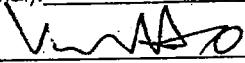
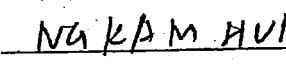
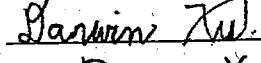
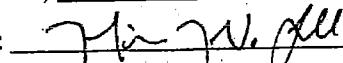
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1. Signature:   
PRINTED Name: Karen Parker  
Address: 154 5th ZIP Code: 94118  
Email (optional): \_\_\_\_\_
2. Signature:   
PRINTED Name: Jordan Gao Day Ip.  
Address: 233 24th Ave ZIP Code: 94121  
Email (optional): \_\_\_\_\_
3. Signature:   
PRINTED Name: B. Devone  
Address: 151 - 21<sup>st</sup> Ave ZIP Code: 94121  
Email (optional): \_\_\_\_\_
4. Signature:   
PRINTED Name: Andrew Mathias  
Address: 72 6th Ave ZIP Code: 94118  
Email (optional): \_\_\_\_\_
5. Signature:   
PRINTED Name: Yvette Oliver  
Address: 72 6th Ave ZIP Code: 94118  
Email (optional): \_\_\_\_\_

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1. Signature:   
PRINTED Name: Sean Egerton  
Address: 490 6<sup>th</sup> Ave ZIP Code: 94118  
Email (optional): sean@egerton.com
2. Signature:   
PRINTED Name: Vincent Ho  
Address: 670 3<sup>rd</sup> Ave ZIP Code: 94118  
Email (optional): vincent.ho@msn.com
3. Signature:   
PRINTED Name: WAIKU HUNG  
Address: 458 9<sup>th</sup> Ave ZIP Code: 94118  
Email (optional): wakuhung@msn.com
4. Signature:   
PRINTED Name: Darwin Xu  
Address: 584 4<sup>th</sup> Ave ZIP Code: 94118  
Email (optional): darwinxu@msn.com
5. Signature:   
PRINTED Name: Nicholas K. Lee  
Address: 1540A Anzo St. ZIP Code: 94118  
Email (optional): nicholas.k.l@msn.com

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1. Signature: Jian Quan  
PRINTED Name: Jian Quan  
Address: 330 Geary St ZIP Code: 94121  
Email (optional): \_\_\_\_\_
2. Signature: Walter Jay  
PRINTED Name: WALTER T. JAY  
Address: 608 41st Ave ZIP Code: 94121  
Email (optional): \_\_\_\_\_
3. Signature: M. Hyang Lee  
PRINTED Name: M. Hyang Lee  
Address: 448 - 8th Ave ZIP Code: 94118  
Email (optional): \_\_\_\_\_
4. Signature: David Yau  
PRINTED Name: David Yau  
Address: 4130 Geary St ZIP Code: 94118  
Email (optional): \_\_\_\_\_
5. Signature: Aliza Ali  
PRINTED Name: Aliza Ali  
Address: 650 - 25 Ave ZIP Code: 94121  
Email (optional): \_\_\_\_\_

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1. Signature: John O'Shaughnessy  
PRINTED Name: John O'Shaughnessy  
Address: 4906 6<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: Joe Oyama  
PRINTED Name: Joe Oyama (u)  
Address: 650 Post 431 Balboa St. ZIP Code: 94109  
Email (optional): joyama@verdantmail.com
4. Signature: Albert Fung  
PRINTED Name: ALBERT FUNG  
Address: 679-1821 18th ZIP Code: 94121  
Email (optional): \_\_\_\_\_
5. Signature: Rosanne Chow  
PRINTED Name: Rosanne Chow  
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 Baez  
PRINTED Name: Theresa Baez  
Address: 630 Clement ZIP Code: 94118  
Email (optional): \_\_\_\_\_
  
3. Signature: Lily Huang  
PRINTED Name: Lily Huang  
Address: 375 29 Ave ZIP Code: 94121  
Email (optional): \_\_\_\_\_
  
4. Signature: Tommy Wong  
PRINTED Name: Tommy Wong  
Address: 715 - 83 Rd Ave ZIP Code: 94121  
Email (optional): \_\_\_\_\_
  
5. Signature: Elaine Chu  
PRINTED Name: ELAINE CHU  
Address: 4236 Anza St ZIP Code: 94121  
Email (optional): \_\_\_\_\_

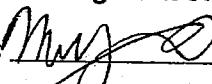
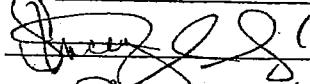
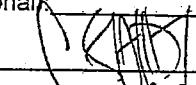
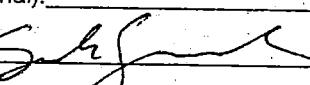
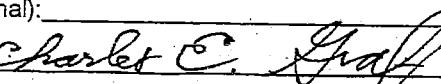
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1. Signature: Betty Tsugawa  
PRINTED Name: BETTY TSUGAWA  
Address: 457 26th Ave ZIP Code: 94121  
Email (optional): \_\_\_\_\_
2. Signature: Sabrina Lee  
PRINTED Name: Sabrina Lee  
Address: 265 5th Ave #1 ZIP Code: 94118  
Email (optional): \_\_\_\_\_
3. Signature: Lan Viern Dang  
PRINTED Name: Lan Viern Dang  
Address: 628 - 25 A Line #01 ZIP Code: 94121  
Email (optional): \_\_\_\_\_
4. Signature: Johnny D G Jue  
PRINTED Name: Johnny D G 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:   
PRINTED Name: Ming Xian  
Address: 1436 Fulton St Apt ZIP Code: 94118  
Email (optional): \_\_\_\_\_
2. Signature:   
PRINTED Name: Shirley Aguilar  
Address: 361 - 11th Ave #4 ZIP Code: 94118  
Email (optional): \_\_\_\_\_
3. Signature:   
PRINTED Name: Chris Staudt  
Address: 361 11th Ave ZIP Code: 94118  
Email (optional): \_\_\_\_\_
4. Signature:   
PRINTED Name: Sarah Symmonds  
Address: 474 8th Ave ZIP Code: 94118  
Email (optional): \_\_\_\_\_
5. Signature:   
PRINTED Name: Charles E. Graf  
Address: 278-18<sup>th</sup> Ave ZIP Code: 94121-2363  
Email (optional): \_\_\_\_\_

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1. Signature: Helen Garofalo  
PRINTED Name: Helen Garofalo  
Address: 1866 12<sup>th</sup> AV ZIP Code: 94118  
Email (optional): \_\_\_\_\_
2. Signature: Zhongxi Wu  
PRINTED Name: Zhongxi Wu  
Address: 726 45 TH AVE ZIP Code: 94121  
Email (optional): \_\_\_\_\_
3. Signature: Madelene Michael  
PRINTED Name: MADLENE 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: Stott Boden  
PRINTED Name: Stott Boden  
Address: 271 6<sup>th</sup> 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: SIN JEN LEE (W)  
PRINTED Name: Sin Jen Lee  
Address: 586-6 ZIP Code: 94118  
Email (optional): BALACH
2. Signature: Lei Li - EMPEROR'S RESTAURANT OWNER  
PRINTED Name: Cing Shan Li (W)  
Address: 530 Balboa St. ZIP Code: 94118  
Email (optional):
3. Signature: Gail Monroe (W)  
PRINTED Name: Gail Monroe  
Address: 4131 Geary ZIP Code: 94118  
Email (optional):
4. Signature: Ian Glasscock  
PRINTED Name: Ian Glasscock STUDENT  
Address: 490 6th ave ZIP Code: 94118  
Email (optional):
5. Signature: Yuen Man Potasz (W) (100%)  
PRINTED Name: Yuen Man Potasz  
Address: 621-7th Ave, SF 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: Ginni  
PRINTED Name: EVA CI  
Address: 578 36th AVE ZIP Code: 94121  
Email (optional): \_\_\_\_\_
2. Signature: Wanda Pryor  
PRINTED Name: Wanda Pryor (w)  
Address: 456 64th Ave ZIP Code: 94118  
Email (optional): \_\_\_\_\_
3. Signature: Johns  
PRINTED Name: Johnson Lui  
Address: 664 3rd AVE ZIP Code: 94118  
Email (optional): Johnson\_Lui\_94@Yahoo.com
4. Signature: Carmen Guan  
PRINTED Name: 4207 Geary - Carmen Guan  
Address: 4207 Geary ZIP Code: 94118  
Email (optional): \_\_\_\_\_
5. Signature: Grace Lui  
PRINTED Name: Grace Lui  
Address: 4207 Geary 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: 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 Steven  
PRINTED Name: Steve Steven Luong  
Address: 627 3<sup>rd</sup> AVE ZIP Code: 94118  
Email (optional): \_\_\_\_\_
4. Signature: Heidi Quan  
PRINTED Name: Heidi Quan  
Address: 2345 Golden Gate ZIP Code: 94118  
Email (optional): \_\_\_\_\_
5. Signature: Andrew Caceres  
PRINTED Name: Andrew Caceres  
Address: 480 6<sup>th</sup> 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. Deu 

PRINTED Name: Juan Gabriel Deu

Address: 6 BALBOA ZIP Code: 94118

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

2. Signature: K. Sun

PRINTED Name: Sam LEE

Address: 452 BALBOA ZIP Code: 94118

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

3. Signature: K. Sun

PRINTED Name: KEN LEE

Address: 711 SIXTH AVE ZIP Code: 94118

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

4. Signature: ai zhun

PRINTED Name: ai cai zhun

Address: 56 6TH AVE ZIP Code: 94118

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

5. Signature: M. A. T. S. O. N.

PRINTED Name: MATSON

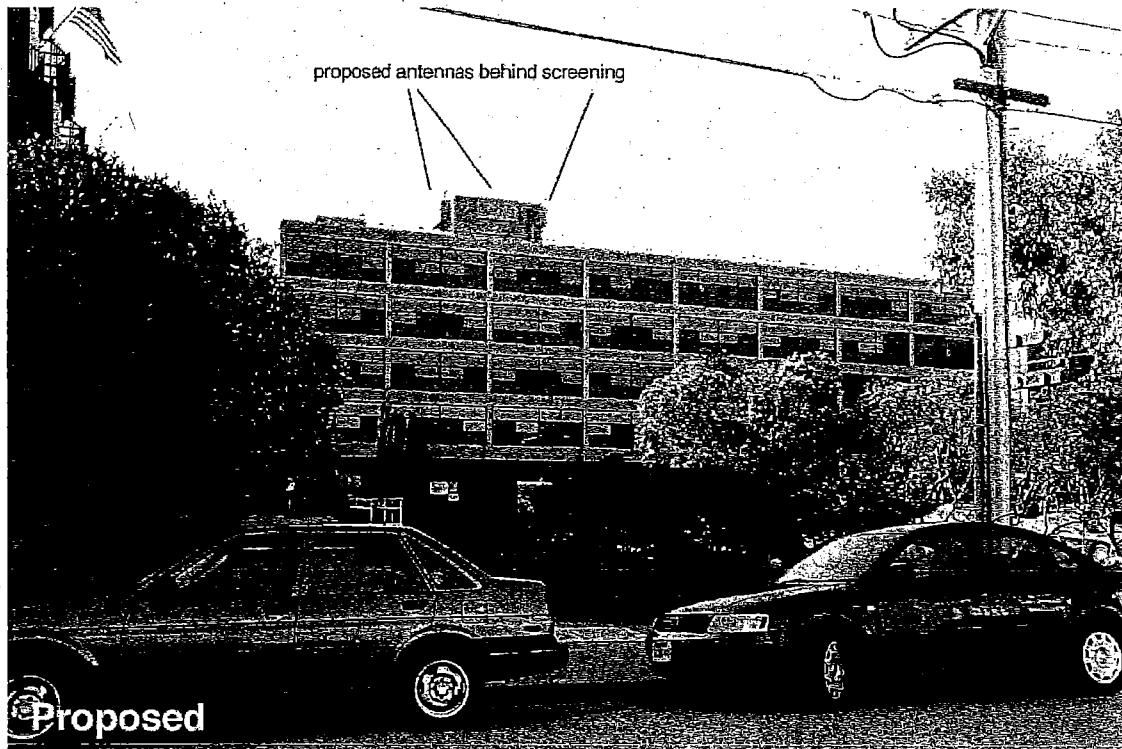
Address: 568 - 6TH AVENUE ZIP Code: 94118

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**

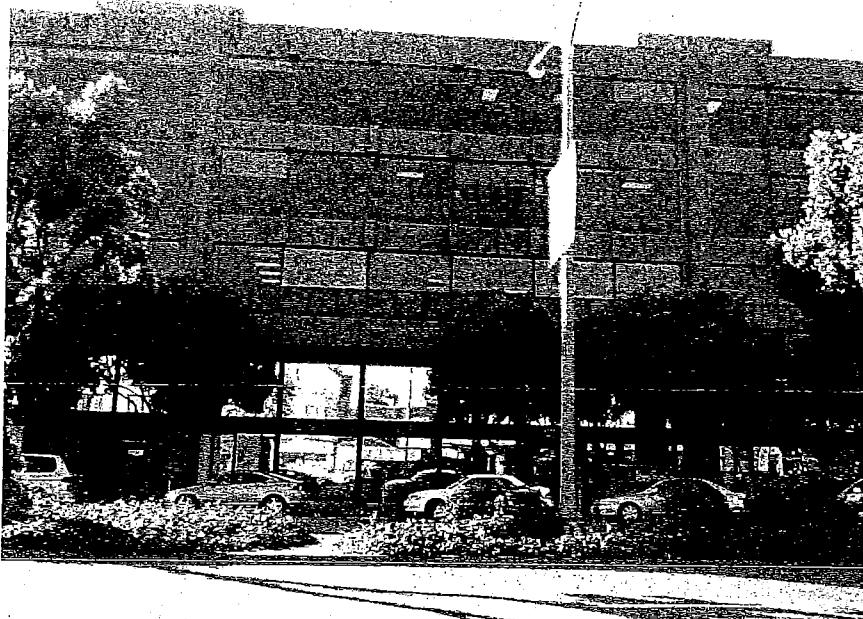
**Compiled by Mackenzie & Albritton LLP**

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

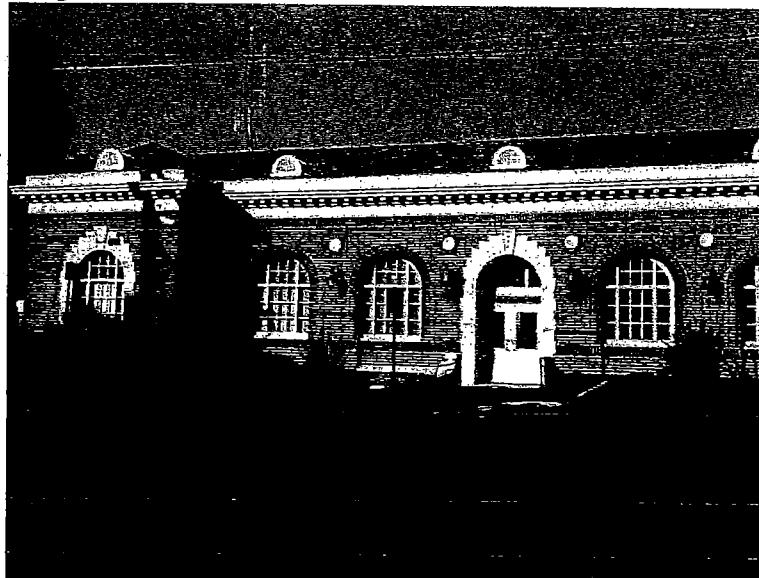


This alternative location is part of the Kaiser French Campus immediately south of the Project. With a roof height of approximately 52 feet, this Kaiser building does not provide adequate radio frequency propagation to the coverage objective area. In addition, the building upon which the Project is located 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

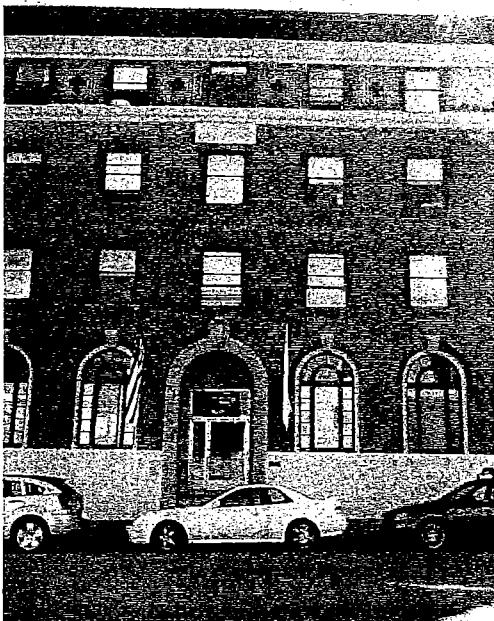


This alternative location is located across 6<sup>th</sup> Avenue immediately west of the Project. With a roof height of approximately 25 feet, this building does not provide adequate radio frequency propagation to the coverage objective area. In addition, the building upon which the Project is located 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

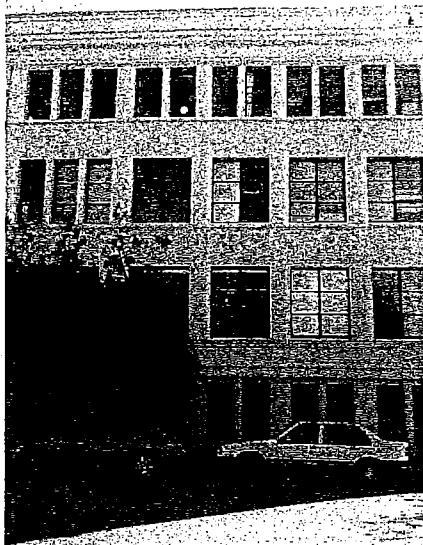


Like other publicly-used facilities in the area, this Preference 1 location stands at a mere 25 feet in height, standing some 60 feet lower than the project. This location cannot provide the radio frequency propagation required to reach the coverage objective area absent an extremely tall (e.g., 80 foot)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

**The Laurel School**

350 9th Avenue

53 feet

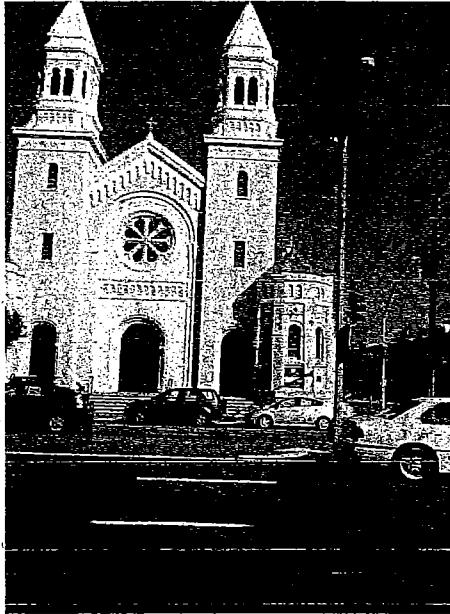


This publicly-used school structure is some 30 feet shorter than the Project and cannot provide equivalent radio frequency propagation absent a 30 foot antenna structure located on top of the school building. Lack of adequate height and required obtrusive improvements prevent this Preference 1 location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



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 Amantiampong  
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.

POS-11  
File 110950  
September 29, 2011

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)

RECEIVED  
BOARD OF SUPERVISORS  
SAN FRANCISCO  
2011 OCT -3 PM 3:58

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-feet 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



BOARD of SUPERVISORS



August 31, 2011

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

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

RECEIVED  
BOARD OF SUPERVISORS  
SAN FRANCISCO

2011 AUG 29 AM 10:27

**NOTICE TO BOARD OF SUPERVISORS OF APPEAL  
FROM ACTION OF THE CITY PLANNING COMMISSION**

Notice is hereby given of an appeal to the Board of Supervisors from the following action of the City Planning Commission.

The property is located at 4141 Geary Blvd

July 28, 2011

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 reclassification of property, Case No. \_\_\_\_\_

The Planning Commission disapproved in whole or in part an application for establishment, abolition or modification of a set-back line, Case No. \_\_\_\_\_

The Planning Commission approved in whole or in part an application for conditional use authorization, Case No. 2010.0951C

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:

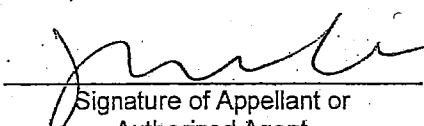
Jacquelyn Coo / Sandra Fen Ng  
Name Name

775 7th Ave, SF 94118  
Address

775 7th Ave, SF 94118  
Address

415/386.0184  
Telephone Number

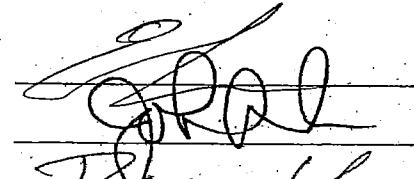
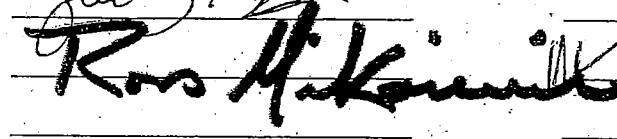
415/386.0184  
Telephone Number

  
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 / 4th - 6th Avenue, District       . The undersigned members respectfully request the Clerk of the Board to calendar this item at the soonest possible date.

SIGNATURE

DATE

  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  


8-18-11  
8-22-11  
8/24/11  
8/24/11  
8/24/11

(Attach copy of Planning Commission's Decision)



# SAN FRANCISCO PLANNING DEPARTMENT

Subject to: (Select only if applicable)

Affordable Housing (Sec. 415)  First Source Hiring (Admin. Code)  
 Jobs Housing Linkage Program (Sec. 413)  Child Care Requirement (Sec. 414)  
 Downtown Park Fee (Sec. 412)  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 Drivé  
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 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.

### 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;

<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.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 obstruction 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.sfplanning.org](http://www.sfplanning.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.sfplanning.org](http://www.sfplanning.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.sfplanning.org](http://www.sfplanning.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.sfph.org](http://www.sfph.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

*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, GRe's)

### 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>Jacarlyn Cox</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 Mission, 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@angelsschildrencenter.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 Coo, as well as Sandra Fenn, to represent our organization.

Sincerely,

A handwritten signature in black ink, appearing to read "Jeff Clary".

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

**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

2011 SEP 16 CAP 2:52

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BOARD OF SUPERVISORS  
SAN FRANCISCO

**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, DESIRABILITY 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 in 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



August 31, 2011

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

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 Velive, 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 Byme, Deputy City Attorney, w/ copy of appeal

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2011 AUG 29 AM 10:27

NOTICE TO BOARD OF SUPERVISORS OF APPEAL  
FROM ACTION OF THE CITY PLANNING COMMISSION

Notice is hereby given of an appeal to the Board of Supervisors from the following action of the City Planning Commission.

The property is located at 4141 Geary Blvd.

July 28, 2011

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

August 26th, 2011

Appeal Filing Date

The Planning Commission disapproved in whole or in part an application for reclassification of property, Case No. \_\_\_\_\_

The Planning Commission disapproved in whole or in part an application for establishment, abolition or modification of a set-back line, Case No. \_\_\_\_\_

The Planning Commission approved in whole or in part an application for conditional use authorization, Case No. 2010-0951C

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 ft radius.

Person to Whom  
Notices Shall Be Mailed

Name and Address of Person Filing Appeal:

Jacquelyn Coo / Sandra Feng <sup>Ng</sup> Sandra Fen Ng

Name

Name

775 7th Ave, SF 94118

Address

775 7th Ave, SF 94118

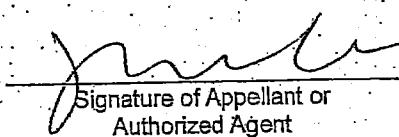
Address

415/386.0184

Telephone Number

415/386.0184

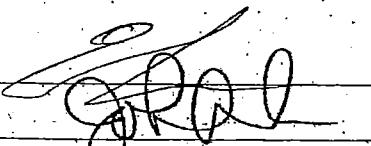
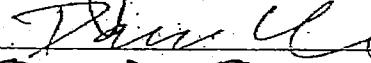
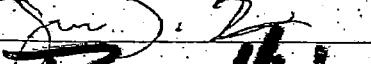
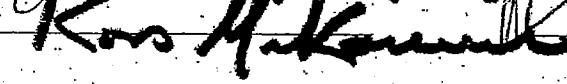
Telephone Number

  
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 14th & Avenue District       . The undersigned members respectfully request the Clerk of the Board to calendar this item at the soonest possible date.

SIGNATURE

DATE

	8-18-11
	8-22-11
	8/24/11
	8/24/11

(Attach copy of Planning Commission's Decision)



## 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

1650 Mission St.  
Suite 400  
San Francisco  
CA 94103-2474

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  
Feltor, 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 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.

#### 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;

<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.

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 Récitals 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 S0-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.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.

*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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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

*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, GRe's)

### 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: <i>Jacquelyn Coo</i>	Address of Project: <i>4141 Geary Blvd</i>
Neighborhood Organization: <i>SF Tomorrow</i>	Planning Case No: <i>2010.0951C</i>
Applicant's Address: <i>775 7th Ave, SF 94118</i>	Building Permit No: <i>motion #18415</i>
Applicant's Daytime Phone No: <i>415.386.0184</i>	Date of Decision: <i>7/28/2011</i>
Applicant's Email Address: <i>Info@angelschildrencenter.com</i>	

### 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 Coo, 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)

- 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

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 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.

### 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 Hammatt & 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:
  - 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).*

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.

RECOMMENDATION: Approval with Conditions

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

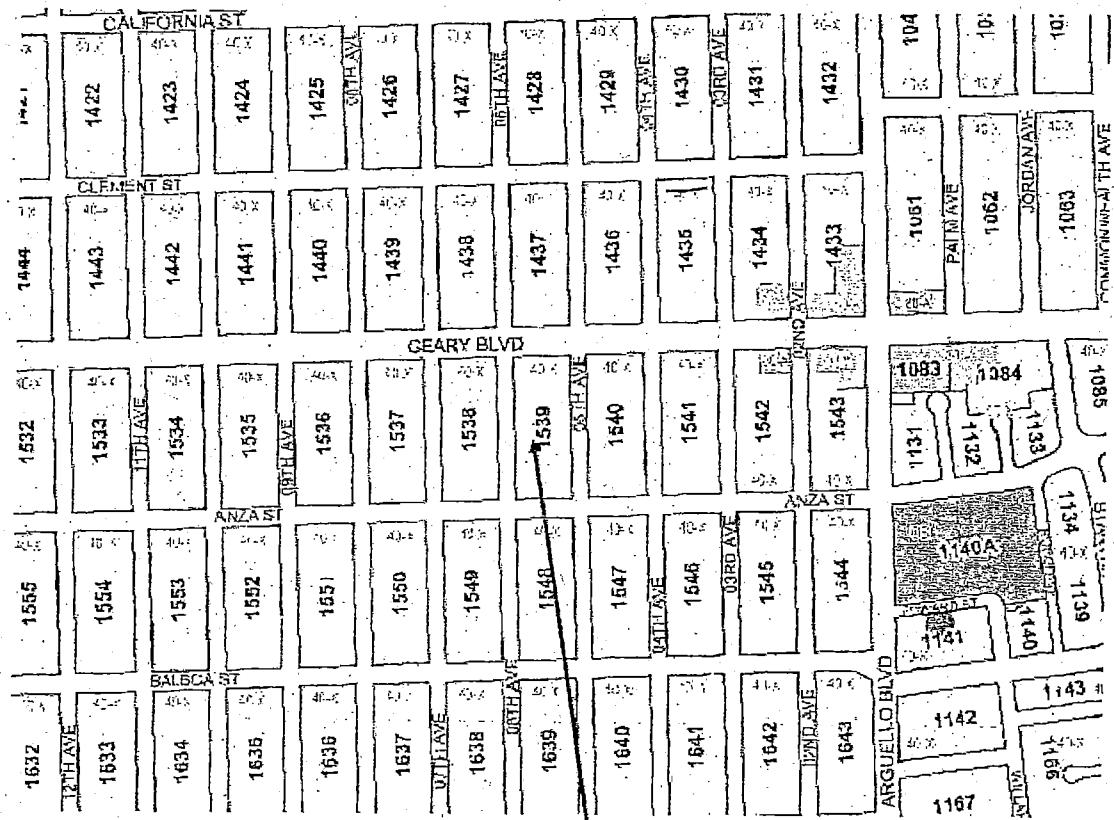
- Project sponsor submittal
- Drawings: Proposed Project
- Check for legibility
- Photo Simulations
- Coverage Maps
- RF Report
- DPH Approval
- Community Outreach Report
- SHPO Review

Exhibits above marked with an "X" are included in this packet \_\_\_\_\_ Planner's  
Initials

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## Height and Bulk Map

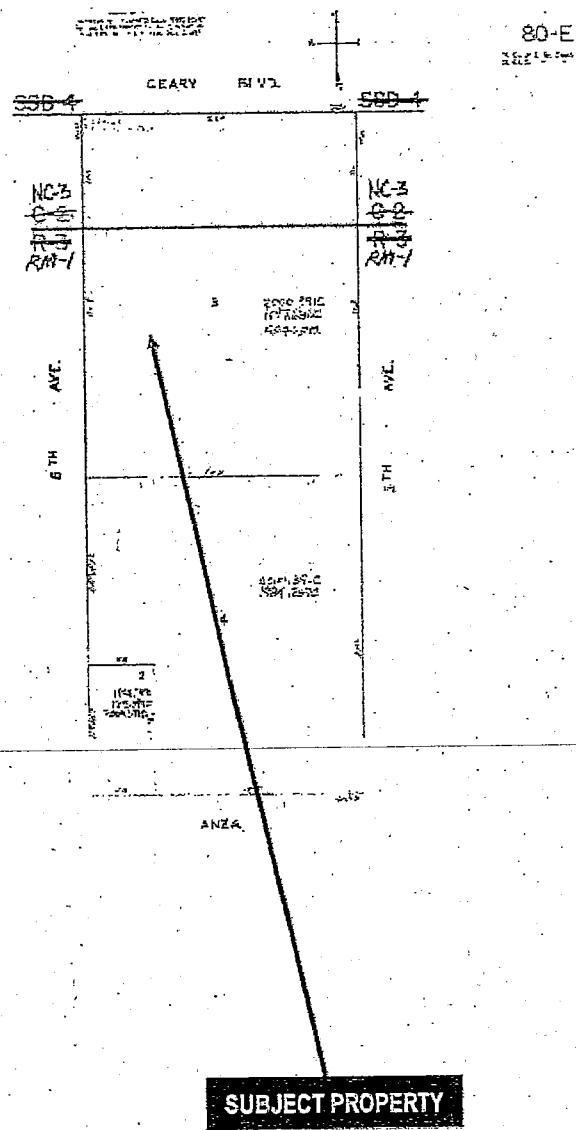


**SUBJECT PROPERTY**



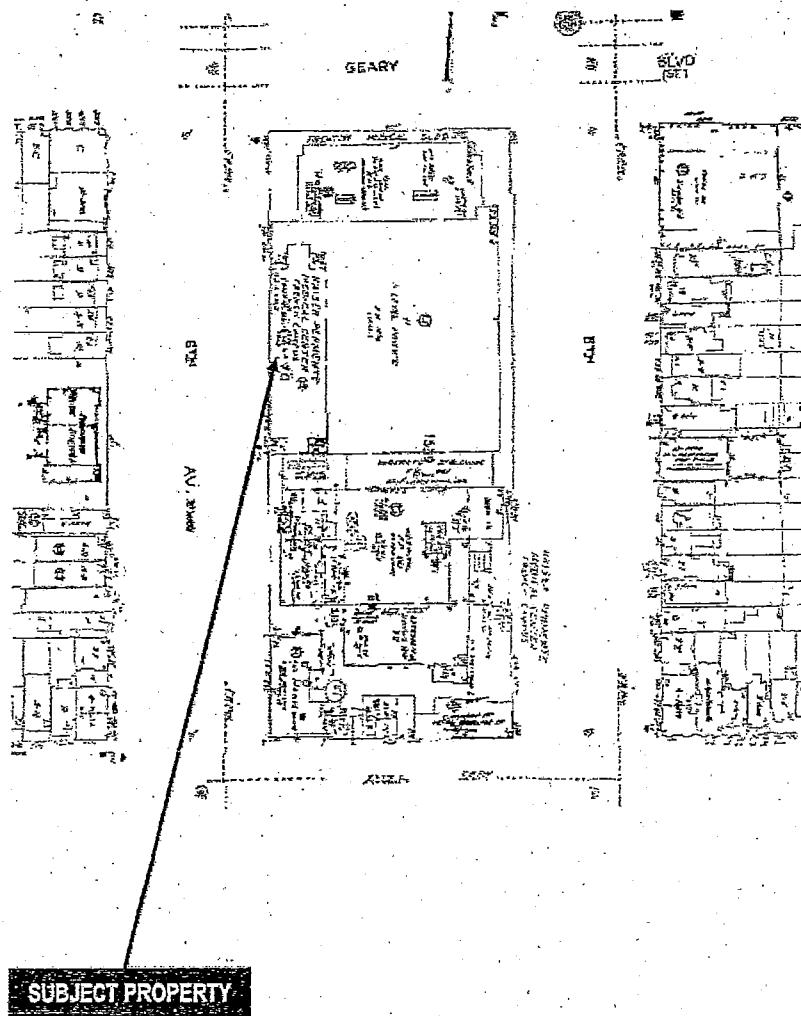
Conditional Use Hearing  
Case Number 2010.0951C  
Verizon Wireless  
4141 Geary Blvd./450-6th Avenue

# Parcel Map



Conditional Use Hearing  
Case Number 2010.0951C  
Verizon Wireless  
4141 Geary Blvd./450-6th Avenue

# Sanborn Map\*

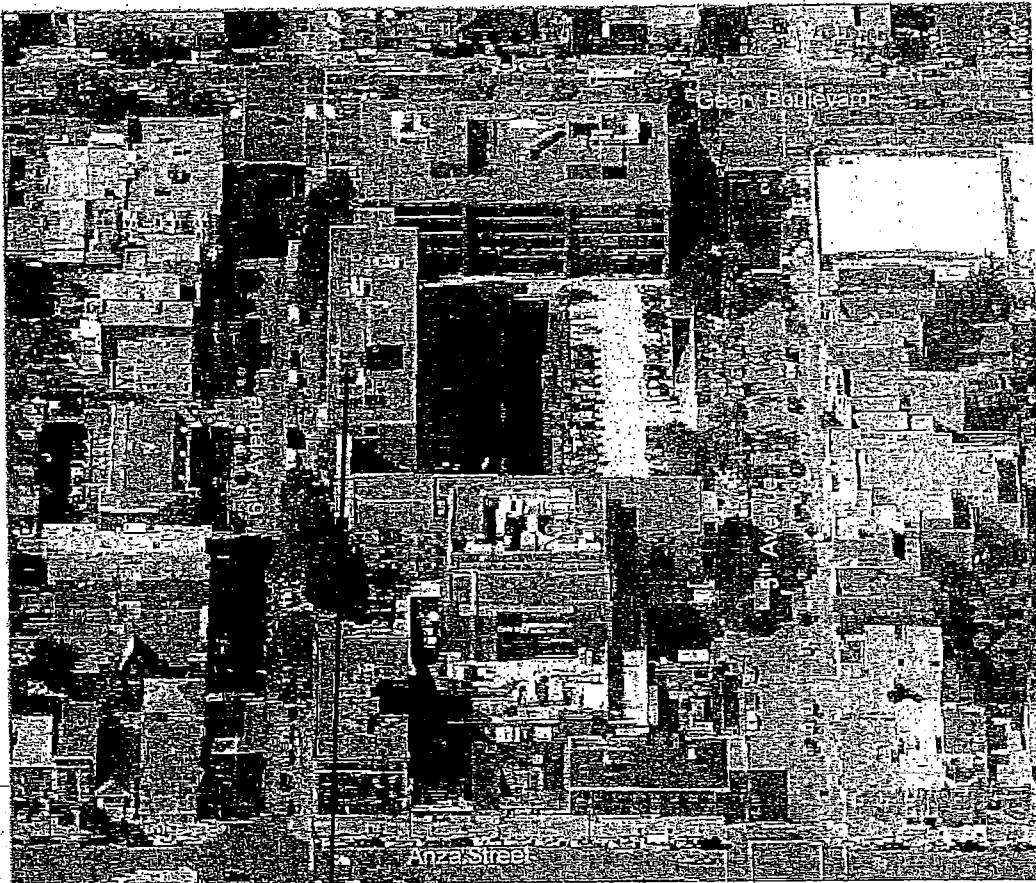


\*The Sanborn Maps in San Francisco have not been updated since 1998, and this map may not accurately reflect existing conditions.



Conditional Use Hearing  
Case Number 2010.0951C  
Verizon Wireless  
4141 Geary Blvd./450-6th Avenue

# Aerial Photo



SUBJECT PROPERTY



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.

Conditional Use Hearing  
Case Number 2010.0951C  
Verizon Wireless  
4141 Geary Blvd./450-6th Avenue



# SAN FRANCISCO PLANNING DEPARTMENT

Subject to: (Select only if applicable)

Affordable Housing (Sec. 415)  First Source Hiring (Admin. Code)  
 Jobs Housing Linkage Program (Sec. 413)  Child Care Requirement (Sec. 414)  
 Downtown Park Fee (Sec. 412)  Other

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Planning  
Information:  
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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 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.

### 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;

<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.

*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. 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.

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.XXXXXX.

### 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 obstruction 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 antennes 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 - WFS.** 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.sfph.org](http://www.sfph.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).*

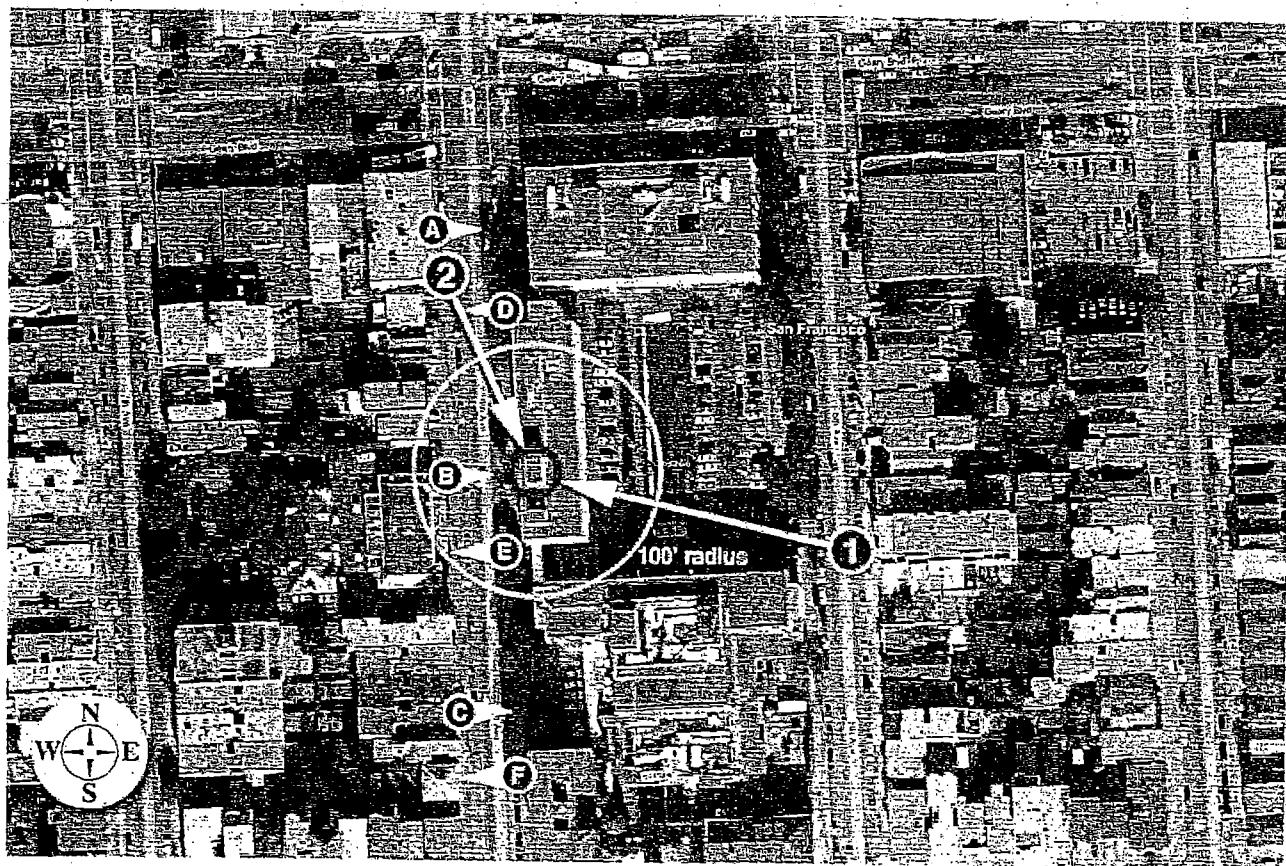
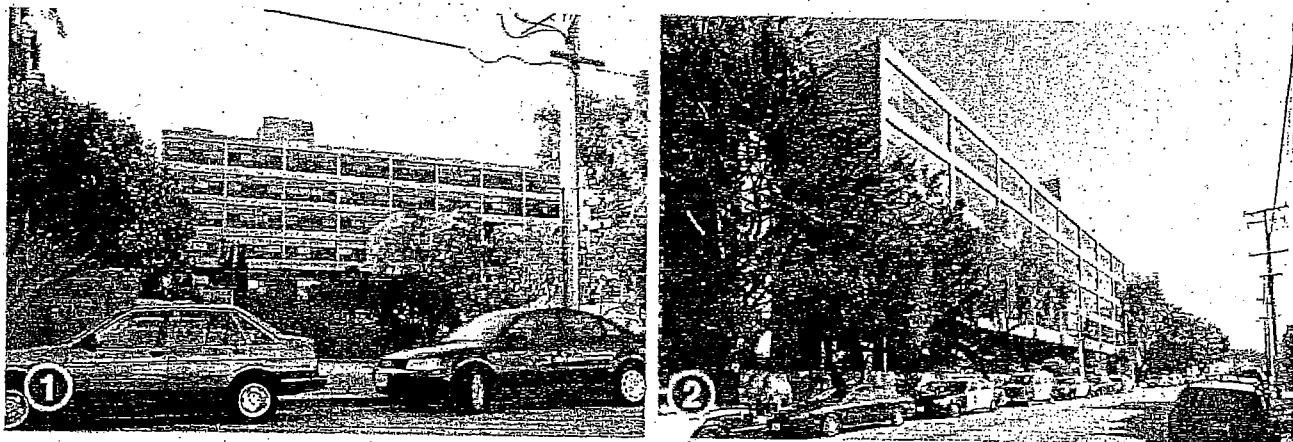
18. **Transfer of Operation – WTS.** Any carrier/provider authorized by the Zoning Administrator or by the Planning Commission to operate a specific WTS installation may assign the operation of the facility to another carrier licensed by the FCC for that radio frequency provided that such transfer is 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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10/04/10

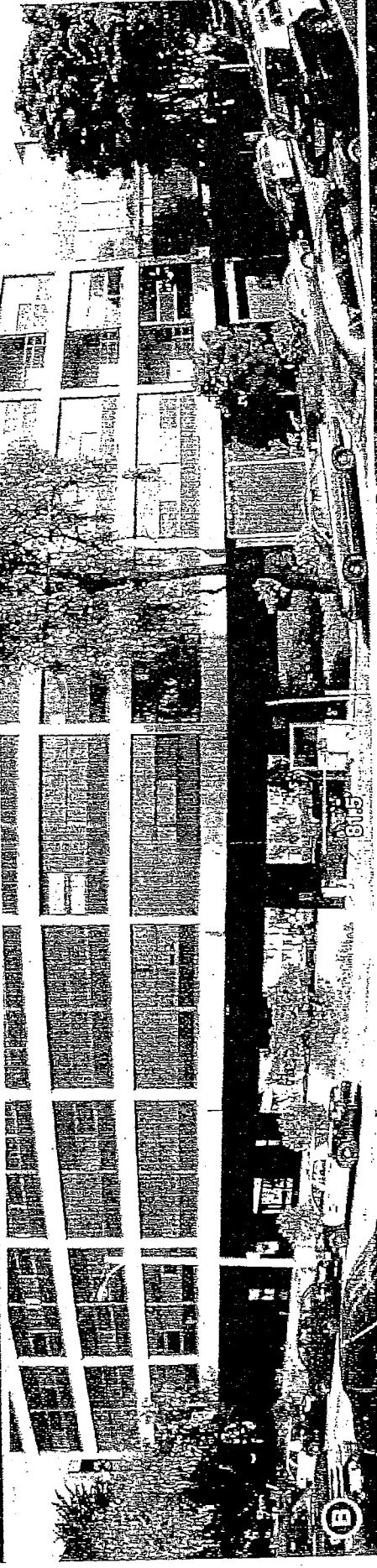
Geary WA

Site # 161541

450 6th Avenue and 4141 Geary Boulevard  
San Francisco, CA 94118

Aerial Map

Applied Imagination 510 914-0500



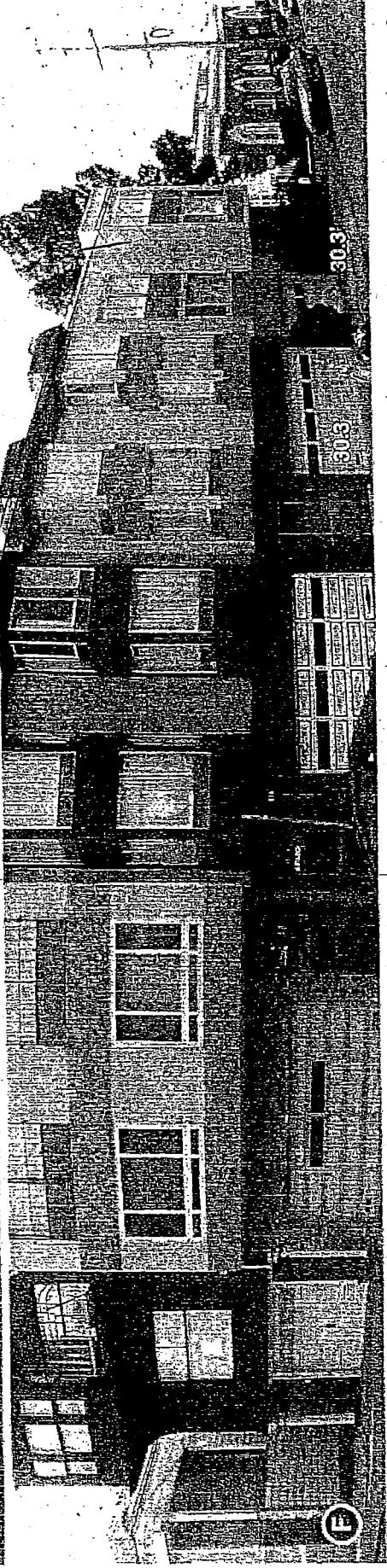
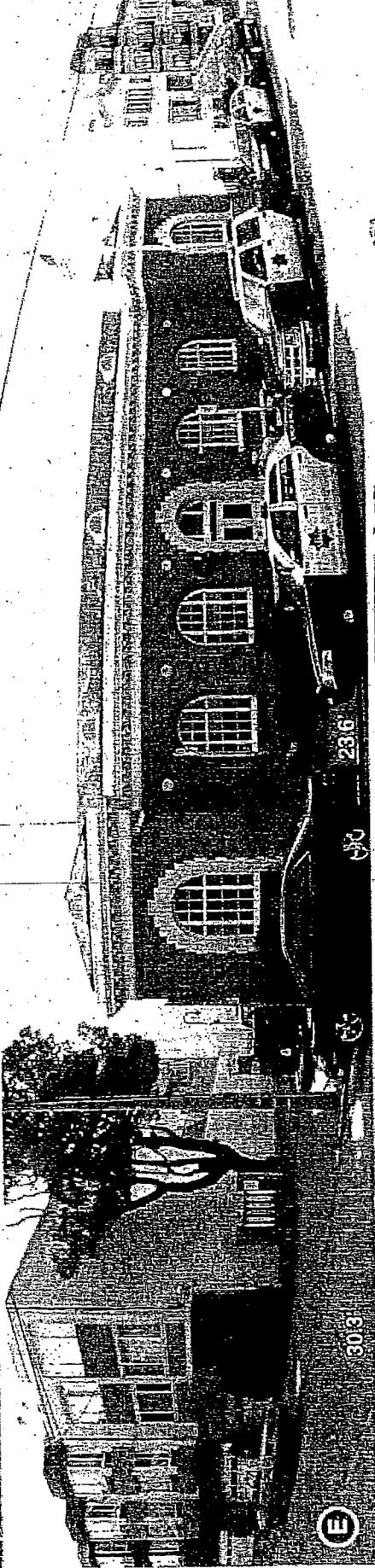
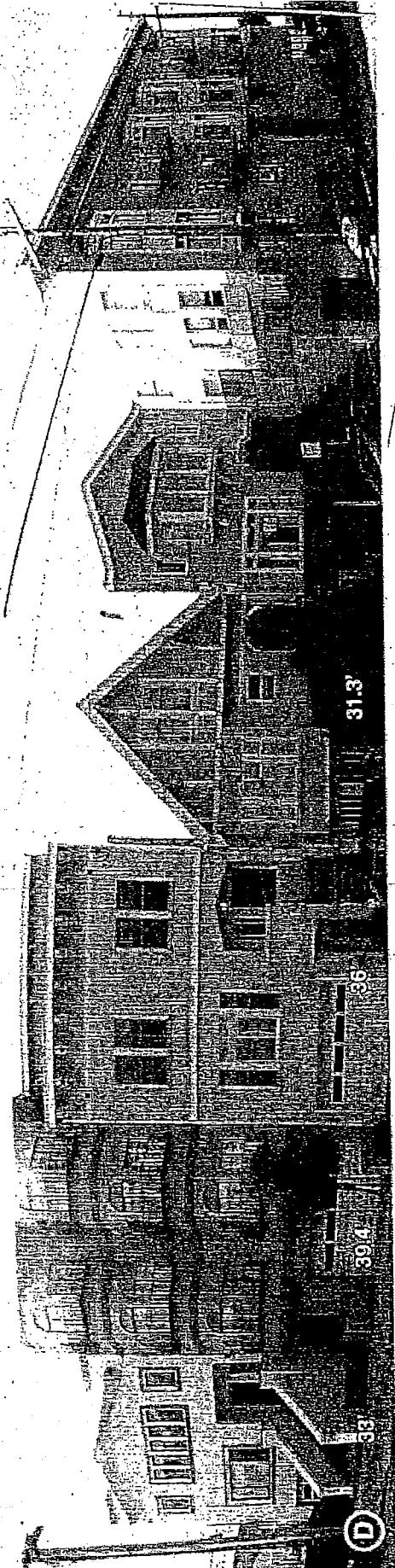
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Applied Image Nation 510.814.4500

Site # 161541  
450 6th Avenue and 4141 Geary Boulevard  
San Francisco, CA 94118

verizon wireless

10/06/09

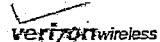
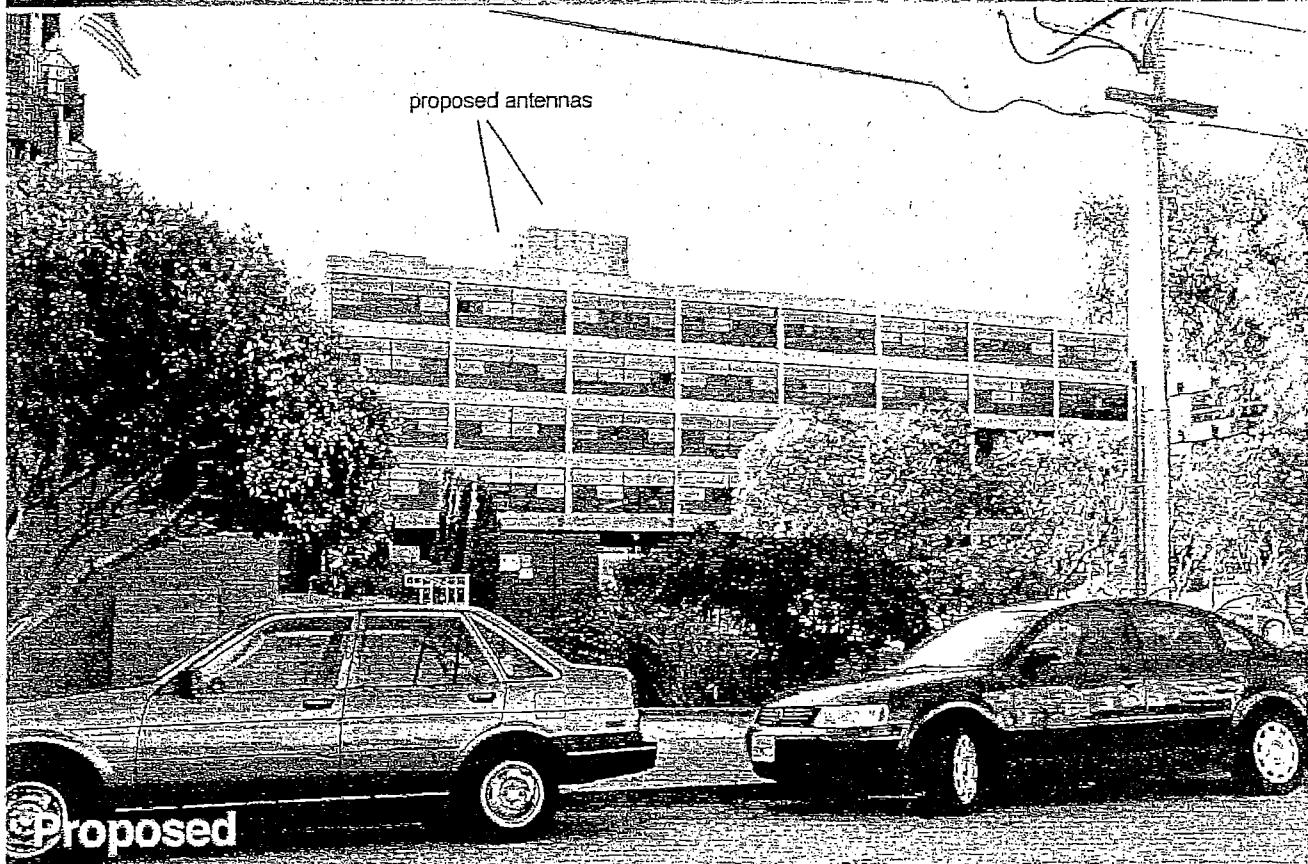


Photosurvey 2

Site # 161541  
Geary WA  
450 6th Avenue and 4141 Geary Boulevard  
San Francisco, CA 94118

Verizon wireless  
Applied Imagination 510 914-2600

10/08/09



Geary WA

Site # 161541

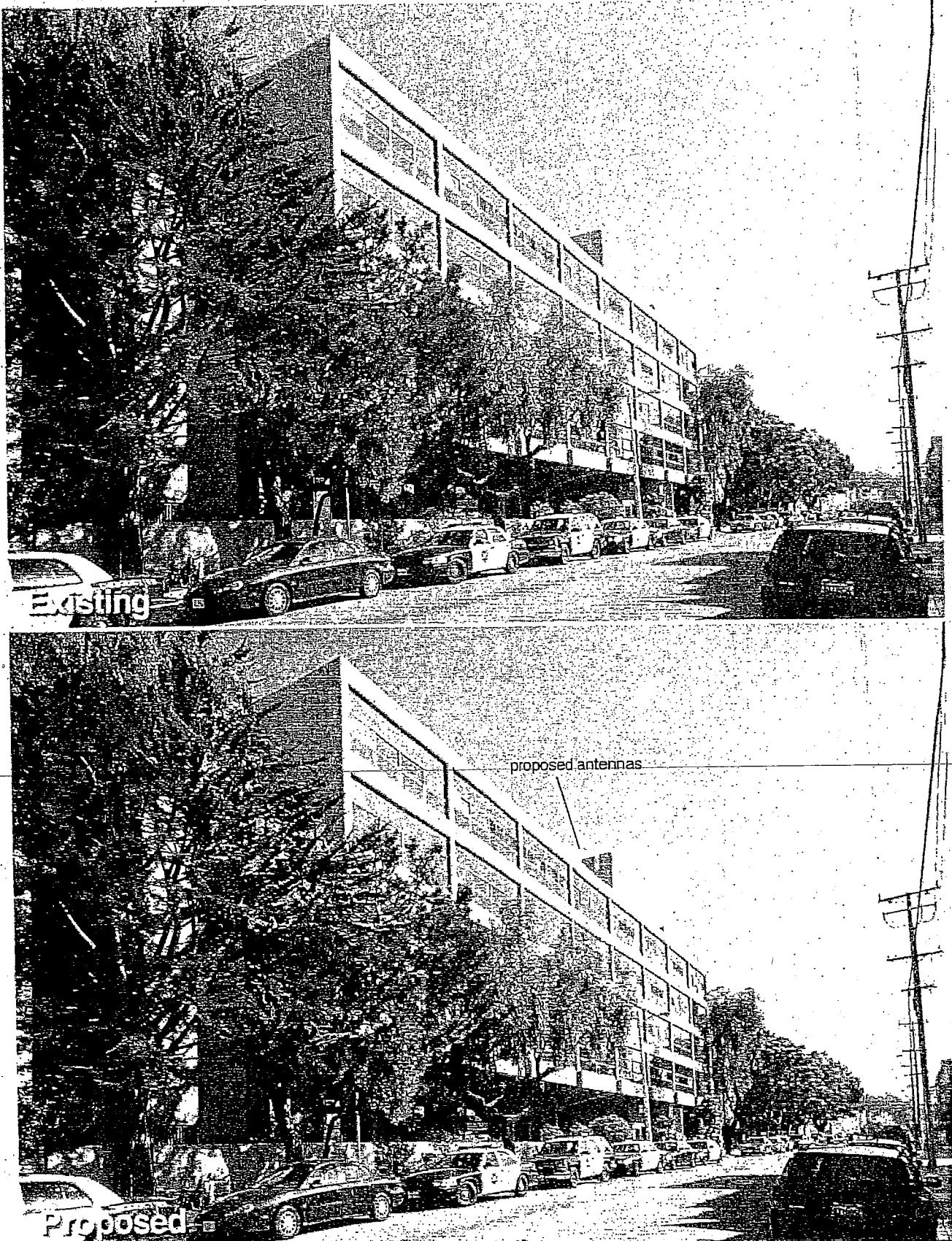
10/04/10

450 6th Avenue and 4141 Geary Boulevard  
San Francisco, CA 94118

Looking Northwest from 5th Avenue

View #1

Applied Imagination 510 914-0500



Verizon wireless

10/04/10

Geary WA

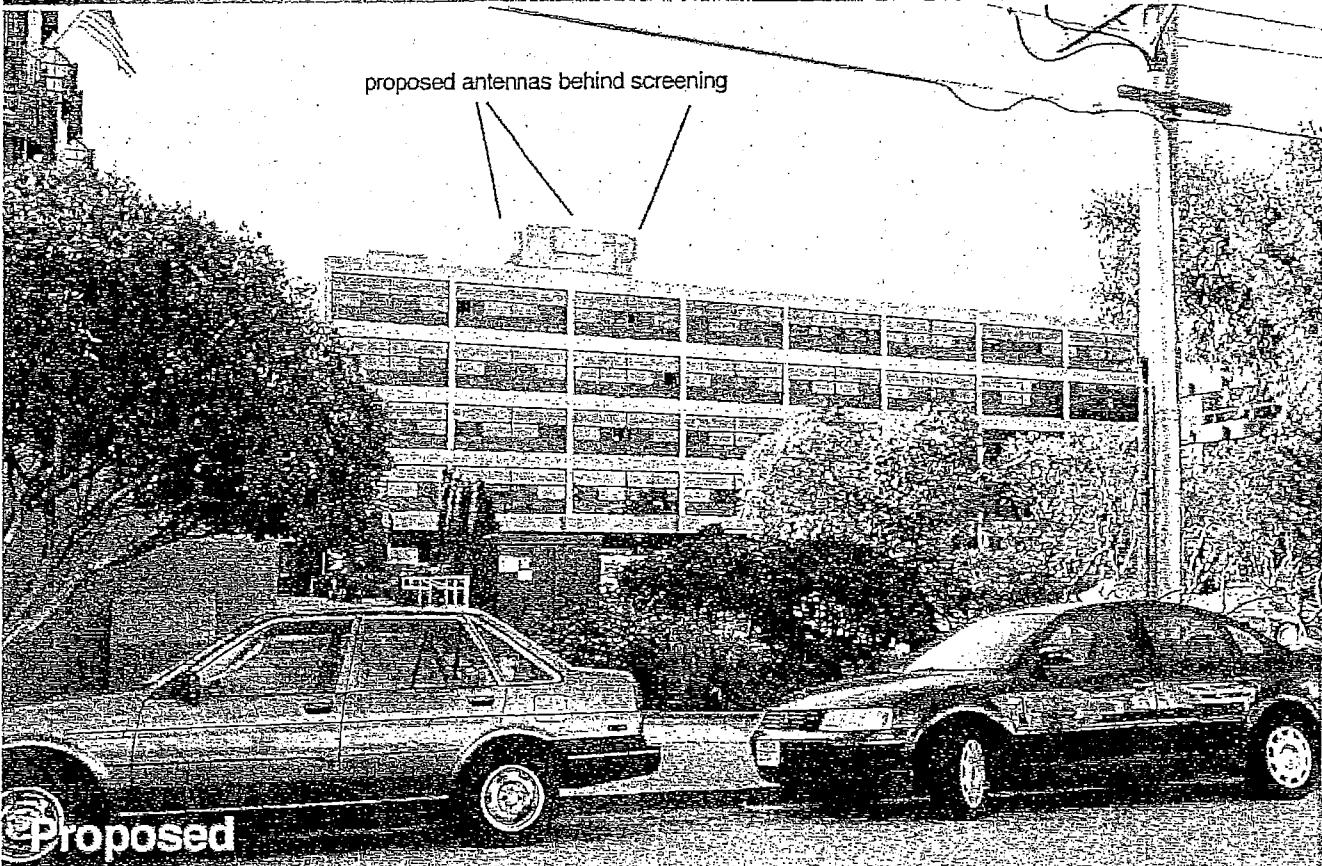
Site # 161541

450 6th Avenue and 4141 Geary Boulevard  
San Francisco, CA 94118

Looking South from 6th Avenue

View #2

Applied Imagination 510 914-0500



verizon wireless

Geary WA

Site # 161541

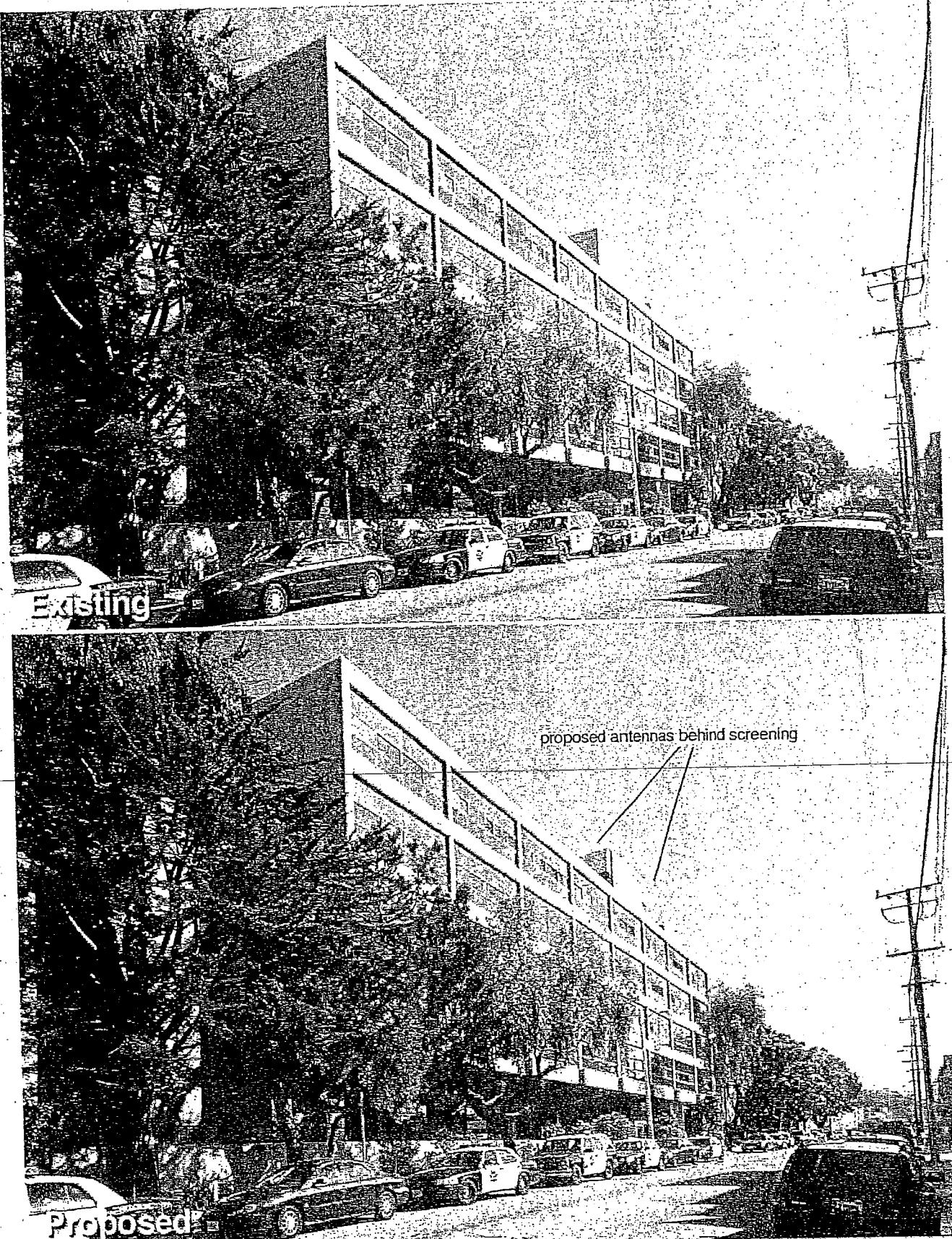
Looking Northwest from 5th Avenue

7/12/11

450 6th Avenue  
San Francisco, CA 94118

View #1

Applied Imagination 510 814-0500



Geary WA

Site # 161541

7/12/11

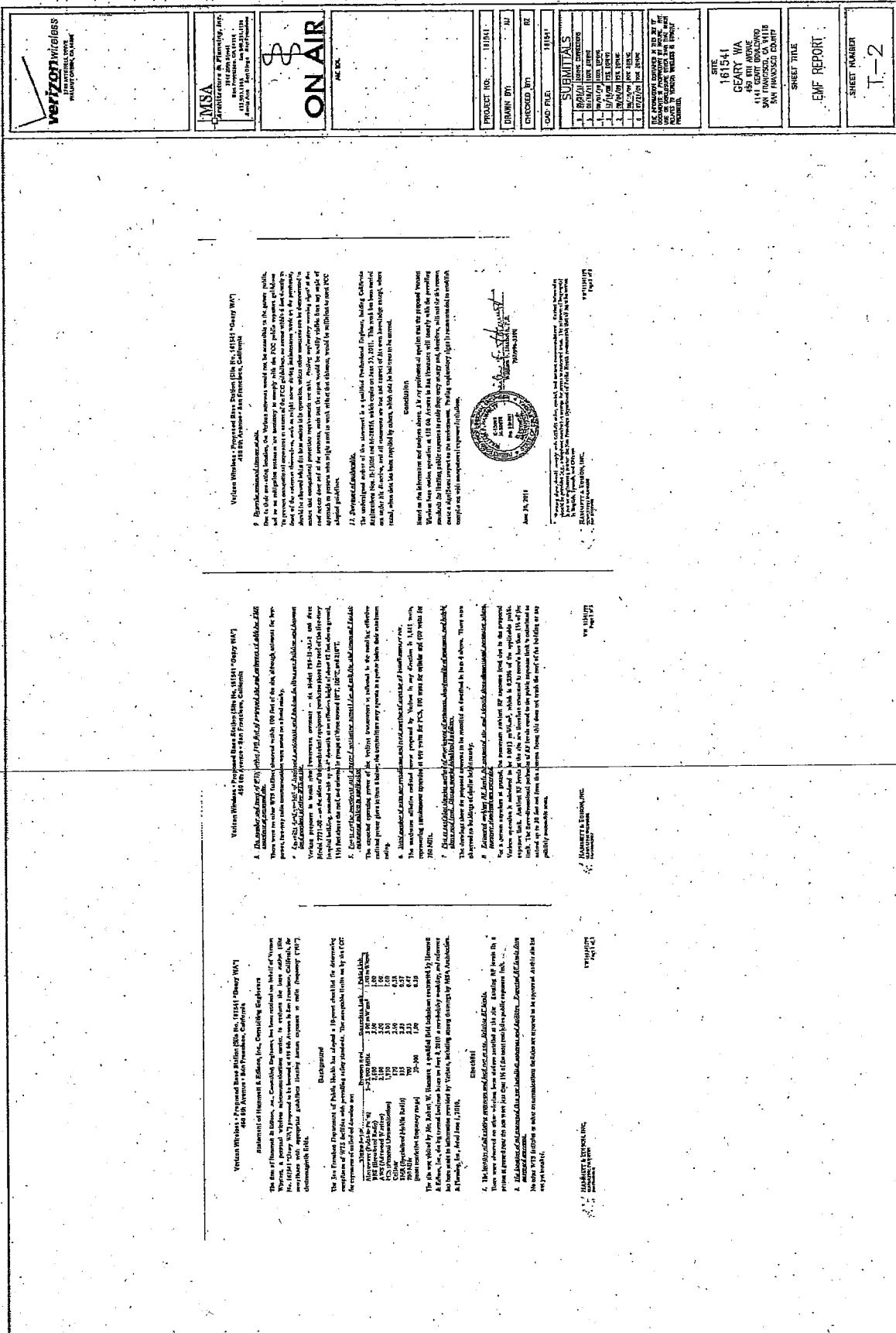
450 6th Avenue  
San Francisco, CA 94118

Looking South from 6th Avenue

View #2

Applied Imagination 510 914-0500

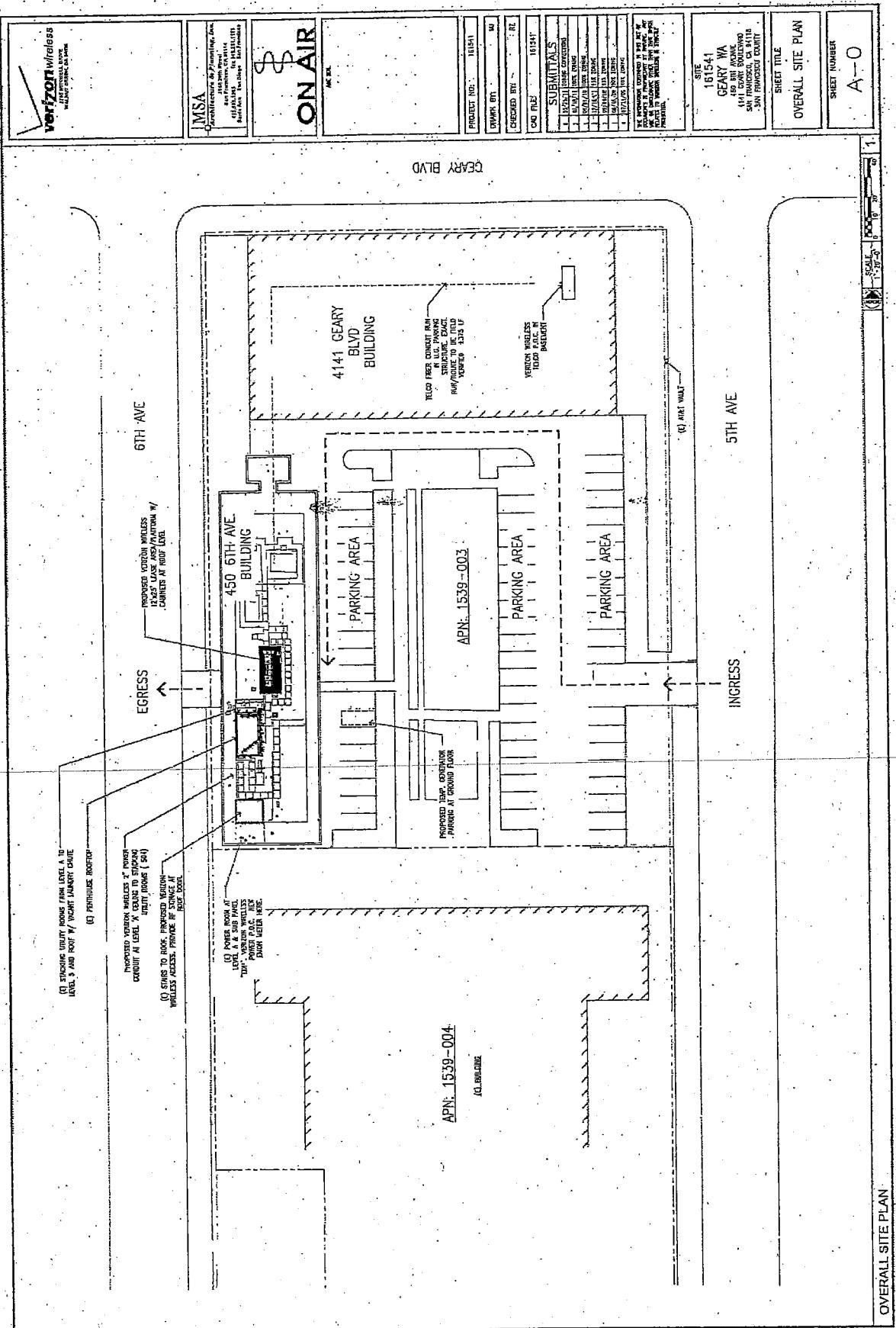


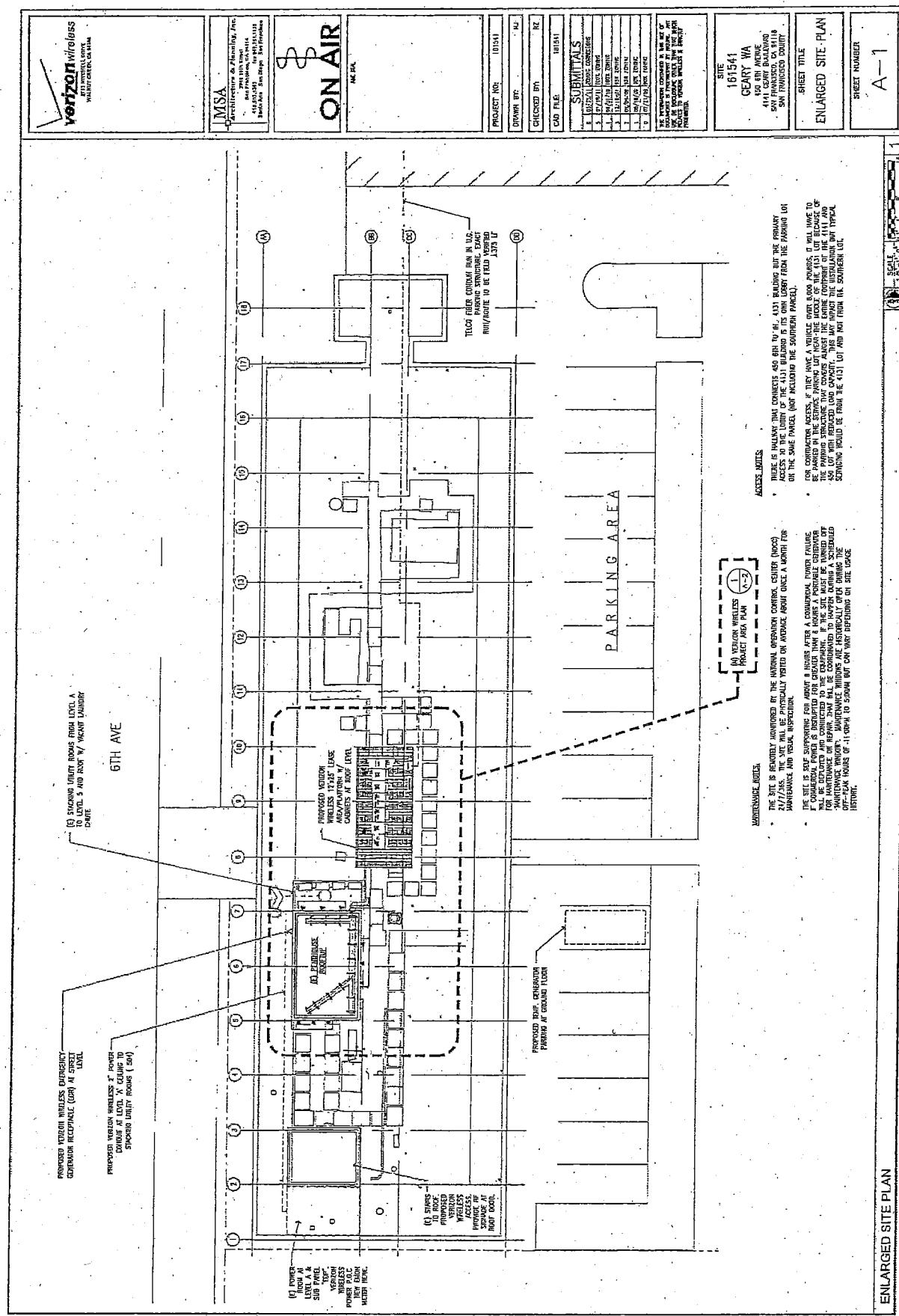


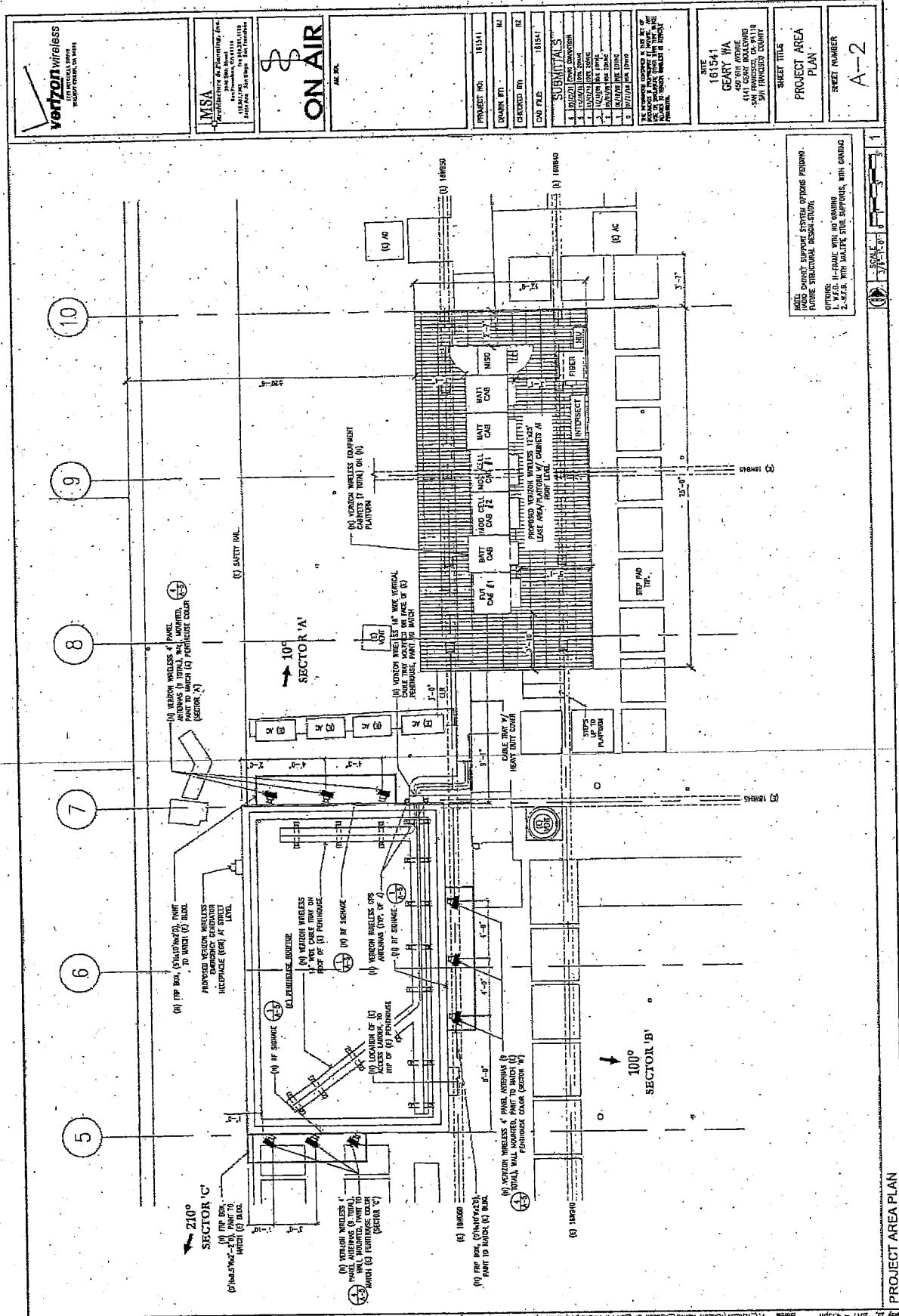


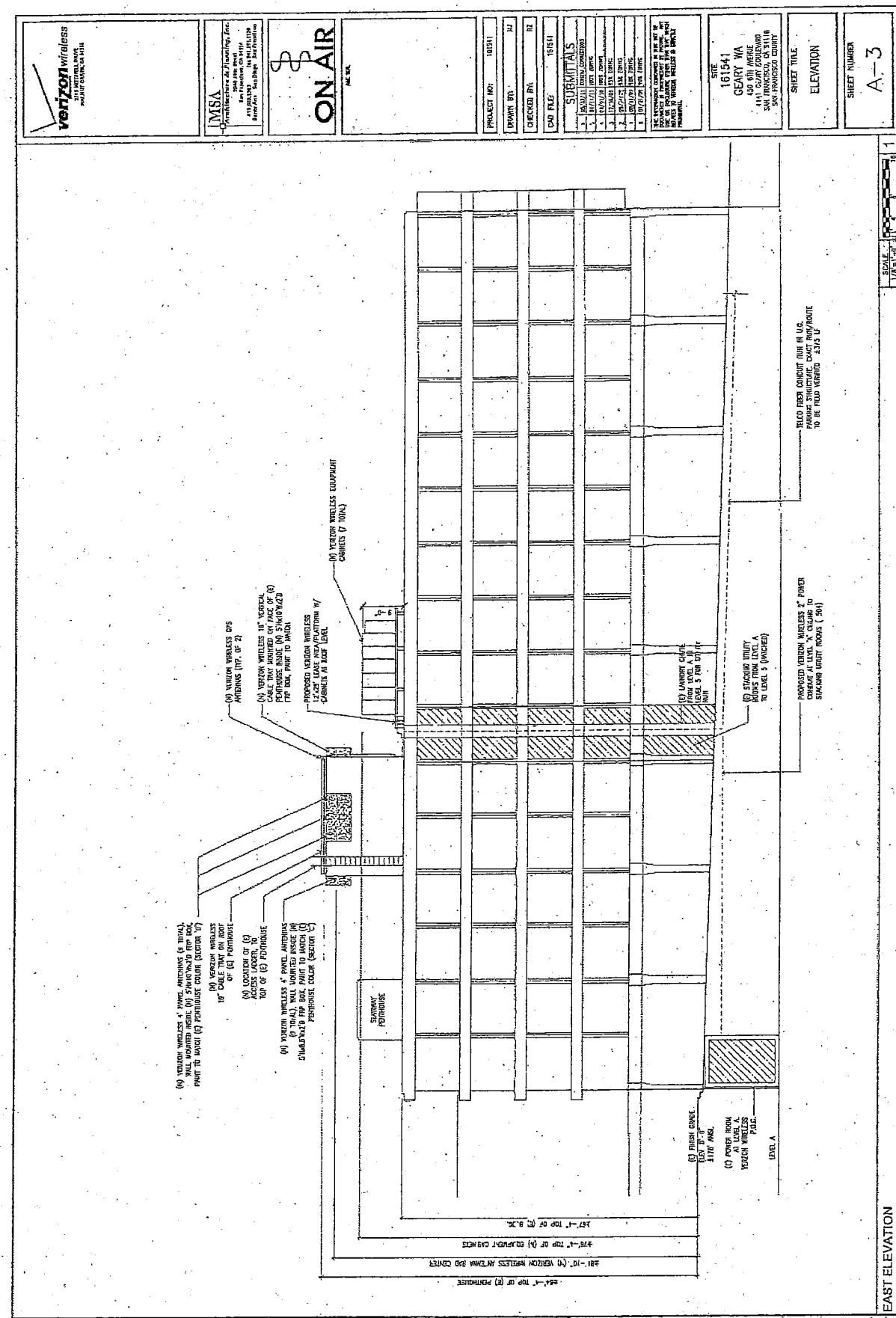


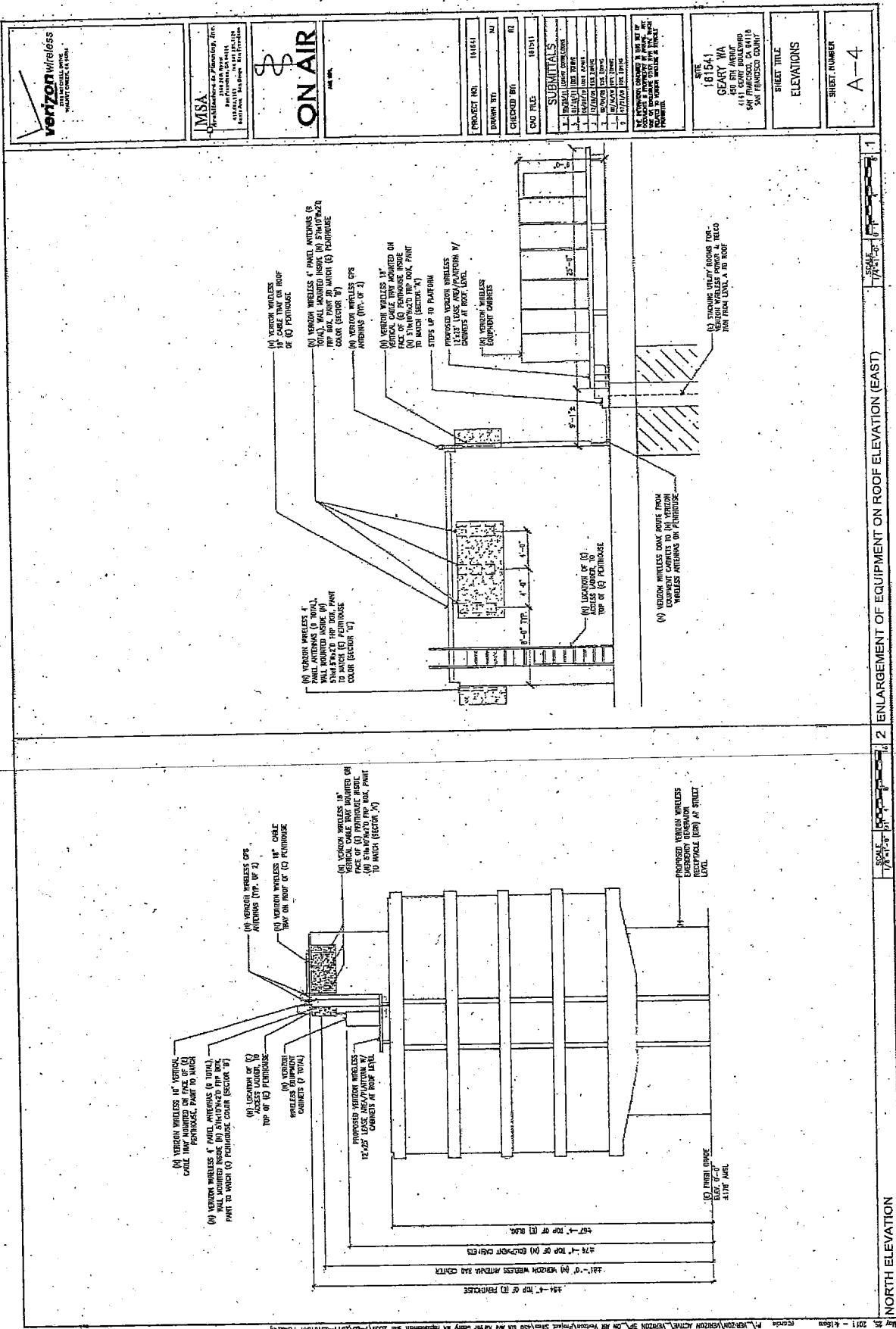


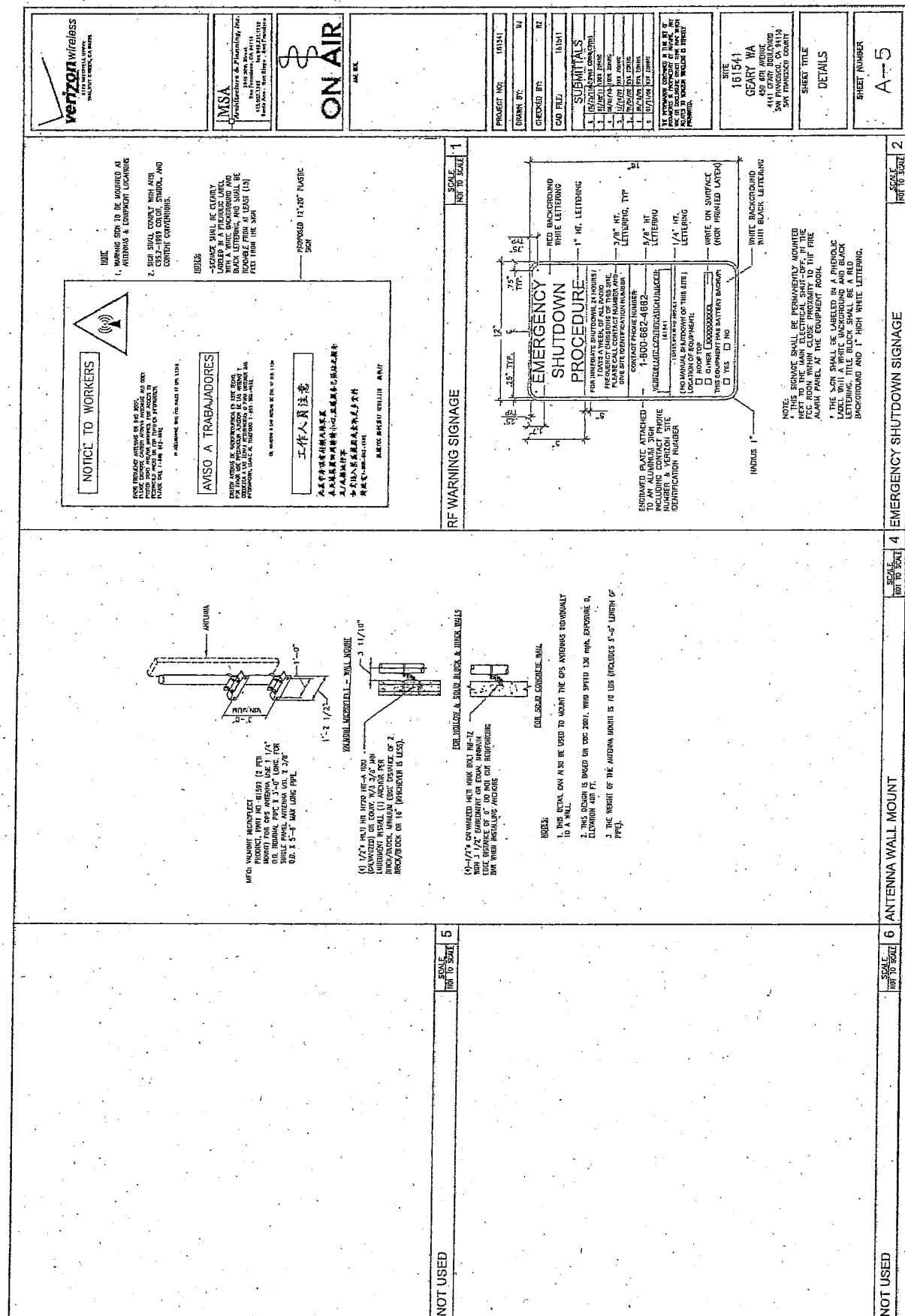


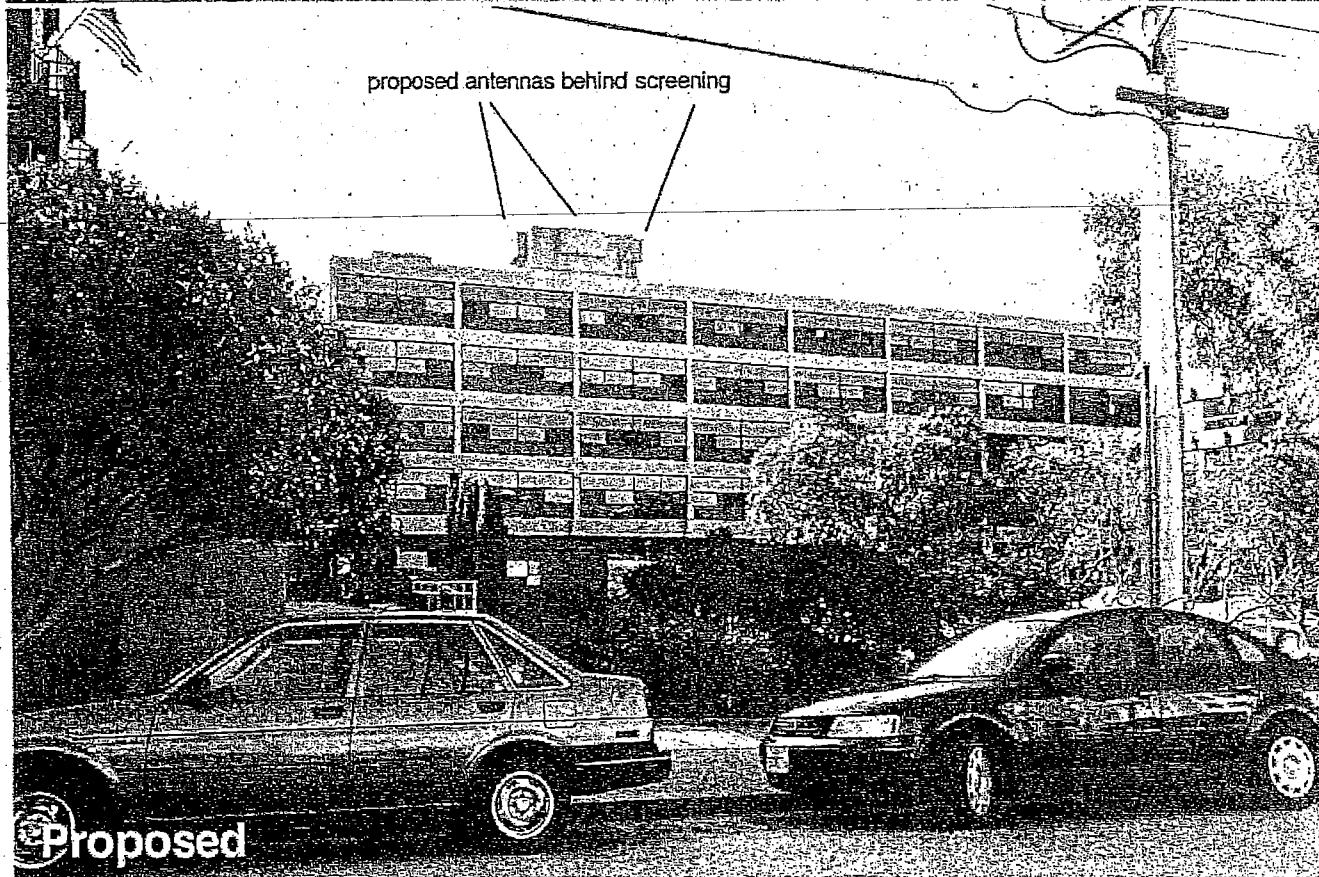












Verizon wireless

Geary WA

Site # 161541

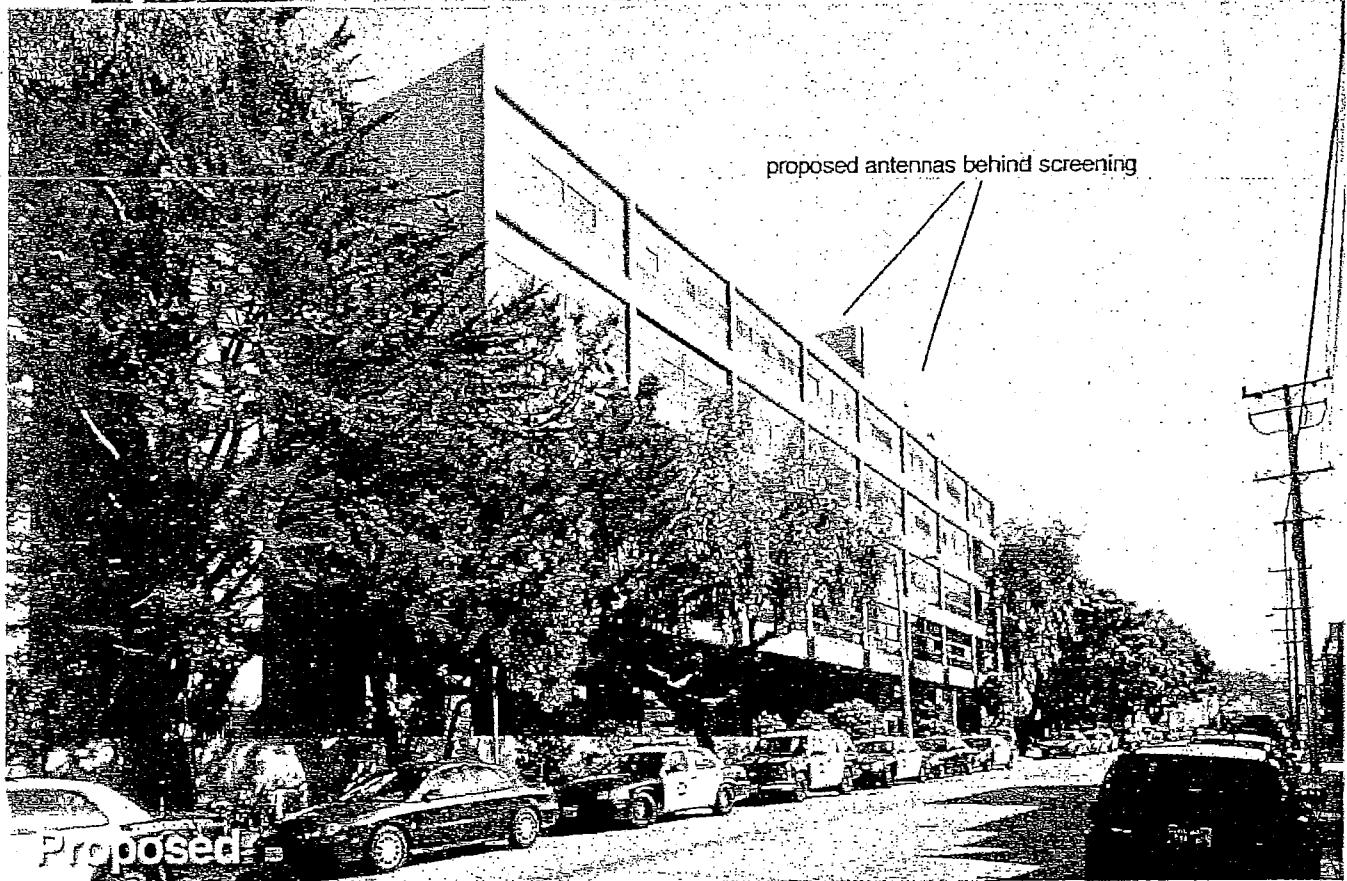
Looking Northwest from 5th Avenue

7/12/11

450 6th Avenue  
San Francisco, CA 94118

View #1

Applied Imagination 510 914-0500



verizon wireless

Geary WA

Site # 161541

7/12/11

450 6th Avenue  
San Francisco, CA 94118

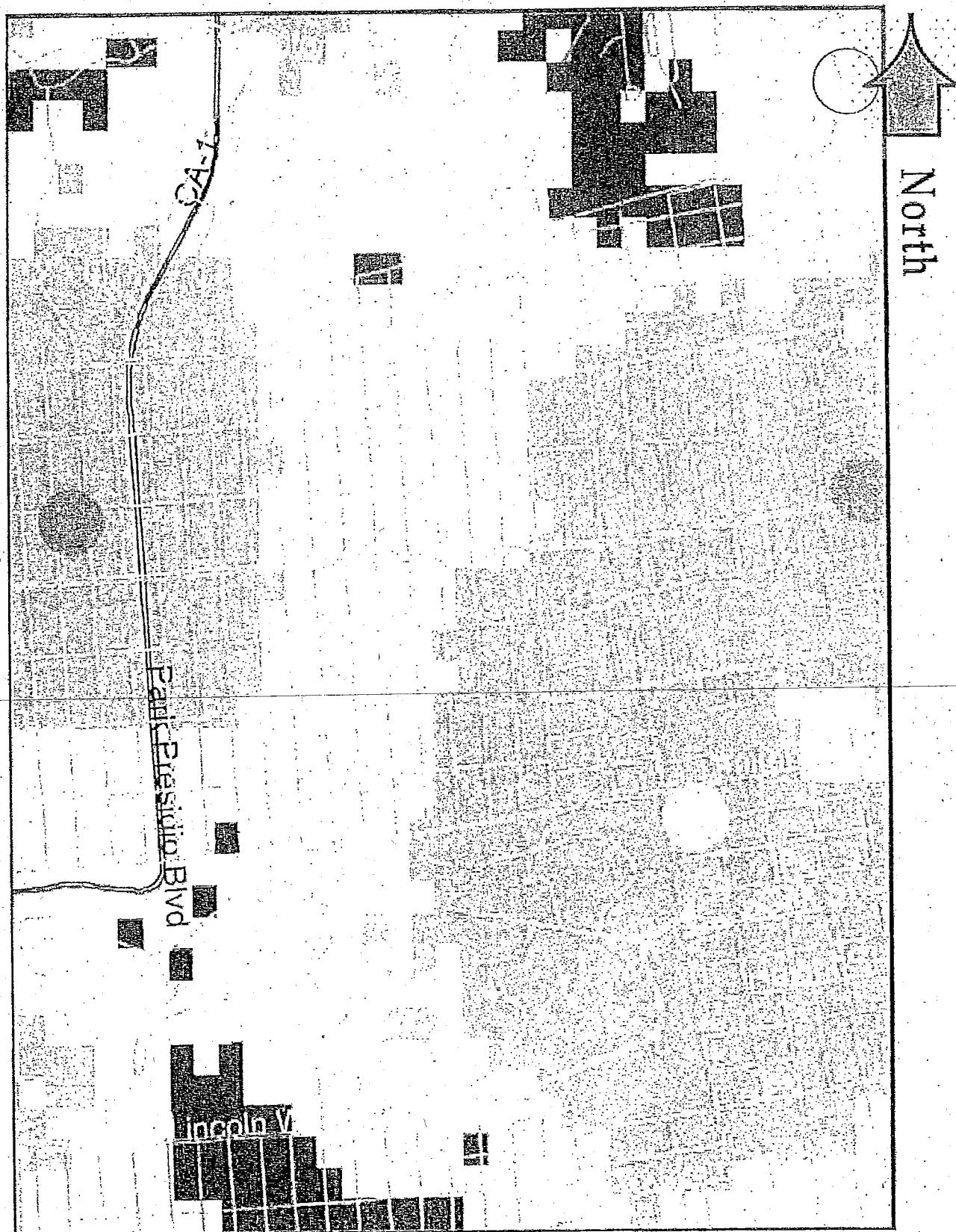
Looking South from 6th Avenue

View #2

Applied Imagination 510 914-0500

Geary WA at 450 6th Ave. and 4141 Blvd.

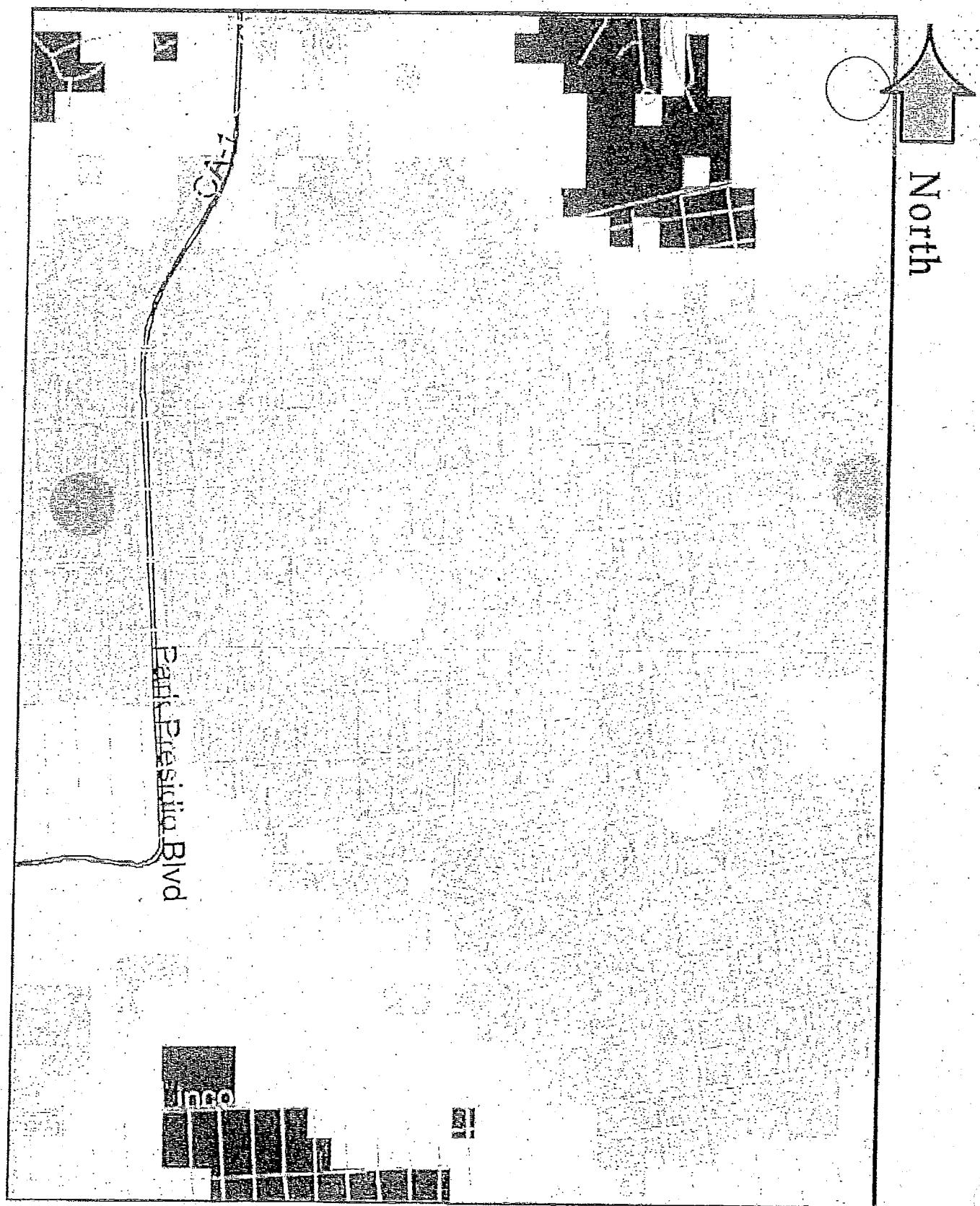
## Before New Site



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

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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.



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CONSULTING ENGINEERS  
SAN FRANCISCO

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

9. Describe proposed signage at site.

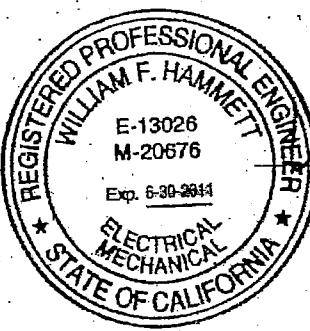
Due to their mounting location, the Verizon antennas would not be accessible to the general public, and so no mitigation measures are necessary to comply with the FCC public exposure guidelines. To prevent occupational exposures in excess of the FCC guidelines, no access within 6 feet directly in front 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, 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  $\mu$ W/cm<sup>2</sup>)

Maximum RF Exposure: 0.0013 mW/cm<sup>2</sup> 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

10. Statement on who produced this report and qualifications.

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 then 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)

Dated: 10/19/2010

Signed:



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 Vellve, 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

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 encasadas en el ático al nivel de la azotea de una construcción existente de 5 pisos, usada por el público. Todas las antenas encasadas en el ático serían pintadas para hacer juego con el edificio existente. Todo el equipo relacionado se instalaría en la azotea del edificio. Se programaría una audiencia ante la Comisión de Planeación con posterioridad a esta reunión de la vecindad.

Se le invita y se la anima a asistir a la Reunión de Orientación Comunitaria, misma convocada en el barrio Richmond, Biblioteca Sucursal Senador Milton Marks (Senador 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: Éste 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 Vellve, 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 號設立無線電遠距設施。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裝設對齊安裝九條天線，所有天線將塗上與現有大樓一致的油漆。所有遠端設備將置於大樓屋頂。本計劃將於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 Vellve 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 pmMeeting Address: 450 6th Avenue 4/4/1 Geary St 94118  
Project Address: 450 6th Avenue 4/4/1 Geary St 94118  
Property Owner Name: Kaiser Foundation Hospital  
Project Sponsor/Representative: Gabriella 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. Angel's Children Center	386-0186	775-774-1425	ca94118	<input checked="" type="checkbox"/>
2. Coo's Child Care	386-0184	777-774-1425	ca94118	<input checked="" type="checkbox"/>
3.	Emill			<input type="checkbox"/>
4. Anna Kwon <sup>650-12th Ave</sup>	387-5591			<input type="checkbox"/>
5. Jacqueline Goo	387-2898	jco00121@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 TAK	752-3286			<input type="checkbox"/>
10. MARY JEN YU	387-3709			<input type="checkbox"/>
11. Sue H. Lee	752-3428			<input type="checkbox"/>
12. Bill C. Lee	613-0058			<input type="checkbox"/>
13. Huih. Lee	777-774-1425 #1	518-2888		<input checked="" type="checkbox"/>
14. Sophia Lee	"	#2	751-3830	8-5998
15. Felicia. Lee	"	#4		710-8362
16. Huih. Ling Lai	752-4702			<input type="checkbox"/>
17. Herman J. S.	948-7283			<input type="checkbox"/>
18. SKORPIO +	415-577-2571			<input type="checkbox"/>
SUSANNE	450 387 7016 5th Ave	415 75149975		

agent: Gabriella Barr 9210 Zayante Drive Felton 650 387 7016  
ca95018 96476  
Verizon Russ Bentson 925 279 6523 Bessie, Bentson @ comcast.net  
Verizon Tom Miller 925 279 6617 Thunes, Miller @ verizonwireless.com  
RF Ray Mathew 707 996 5222 Mathew @ h-e.com  
 Hammett & Echols.

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> AVZ. S.F., CA94118		(415)221-0159
2	陳君玉	635 5 <sup>th</sup> AVZ S.F., CA94118		(415)382-387-0154
3	Ron Di Tano	528 BALBOA		415-751-9038
4	Binh Le Quan	612 6 <sup>th</sup> AVE S.F CA94118		(415)386-2034
5		627 6 <sup>th</sup> AVE S.F CA 94118		
object	Henry Wang	420 5th Ave SF CA 94118	henrywang888@gmail.com	(415)387-0598
object	Guangqi Wang	420 5th Ave SF. CA 94118	ggw999@gmail.com	(415)387-0598
object	Changi Li	420 5th Ave. SF. CA 94118	changli1@gmail.com	(415)387-0598
object	Jenny Chiu	323 6 <sup>th</sup> AVE SF. CA 94118	drjenny@hotmai.com	(415) 668-6789
object	Donald Chiu	327 6 <sup>th</sup> Ave. S.F. CA 94118	dratchiu@hotmail.com	(415) 668-6789
11	MARY CHEN	681-6TH AVE S.F CA94118		(415) 750-0913
12	Yee LIAN CHANG	523-6th AVE S.F CA94118		(415) 668-1065
13	Chu Wu	618-6 <sup>th</sup> AVE. S.F. CA 94118		876-1638
14	INGZ	529 BARTON 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 Recitation Senator Milton Marks (location/address) on 4/28/11 (date) from 7PM (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, 2011 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 28th 480 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

Name (Print)

Project Address

Date

Service Provider

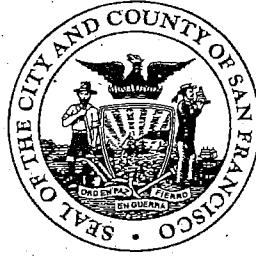
[www.sfplanning.org](http://www.sfplanning.org)

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

Reception:  
415.558.6378

Fax:  
415.558.6469

Planning  
Information:  
415.558.6377



## 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

