

RECORD OF SURVEY

GPS STATIC SURVEY
IN THE UNINCORPORATED AND
INCORPORATED TERRITORY OF THE
COUNTY OF SANTA CLARA,
STATE OF CALIFORNIA.
1989

SHEET 2 OF 3

OFFICE OF THE COUNTY SURVEYOR
70 WEST HEDDING STREET
SAN JOSE, CA 95110

NOTES

1. THE PURPOSE OF THIS SURVEY IS TO ESTABLISH A SECONDARY GEODETIC CONTROL NETWORK IN THE COUNTY OF SANTA CLARA BY A GPS STATIC SURVEY.
2. A MIXTURE OF ASHTECH AND TRIMBLE EQUIPMENT WAS USED FOR THIS GPS SURVEY. FEDERAL GEODETIC CONTROL COMMITTEE SPECIFICATIONS VERSION 5.0, DATED MAY 11, 1988, WAS USED AS A GUIDE FOR THE SURVEYING PROCEDURES. HORIZONTAL ACCURACY IS 1:20,000 (50 PPM), GROUP C, ORDER 2-II (SECOND-ORDER).
3. THE U.S. SURVEY FOOT WAS USED IN CONVERTING METERS TO FEET.
4. POSITION FOR STATIONS HELD FIXED ARE SHOWN IN PARENTHESES (...) AS CALLED FOR PER SHEET ONE. POSITIONS FOR OTHER NOS STATIONS MAY NOT AGREE WITH THEIR PUBLISHED VALUES.
5. CALIFORNIA GRID COORDINATES ZONE III WERE OBTAINED USING ASHTECH GRIDCOOR VERSION 1.0
6. OBSERVATIONS WERE TAKEN FROM JANUARY THROUGH AUGUST 1989.
7. FINAL VALUES ARE ALSO FILED IN THE OFFICE OF THE COUNTY SURVEYOR ON MISCELLANEOUS MAP NO. 7.
8. DIRECTIONS TO THE STATIONS ARE ON FILE AT THE OFFICE OF THE COUNTY SURVEYOR.
9. THE FIELD SURVEY WAS PERFORMED PRIOR TO THE LOMA PRIETA EARTHQUAKE ON OCTOBER 17, 1989.
10. SEE SHEET 3 FOR STATION DESCRIPTION.

STATION COORDINATE LISTING - CCS83 (SEE NOTE 5)										
STATION NUMBER	LATITUDE (DMS)	LONGITUDE (DMS)	NORTHING (Y) METERS	EASTING (X) METERS	NORTHING (Y) FEET	EASTING (X) FEET	ELEV. FEET	ZONE	CONVERGENCE	SCALE FACTOR
1	37 23 54.72245	122 08 55.35435	601005.795	1854030.228	1971799.846	6082764.173	365.6	CA 3	-1 00 33.81	0.99994800
2	37 17 39.02204	122 09 48.43967	589448.818	1852518.968	1933883.330	6077805.981	2271.9	CA 3	-1 01 06.31	0.99996077
3	37 19 52.24695	122 05 00.20742	593432.079	1859686.233	1946951.746	6101320.583	426.4	CA 3	-0 58 09.85	0.99995817
4	37 17 54.06094	122 04 32.18279	589777.581	1860314.426	1934961.947	6103351.579	542.7	CA 3	-0 57 52.70	0.99996020
5	37 17 40.47156	122 04 50.32124	589366.243	1859860.955	1933612.416	6101893.817	530.8	CA 3	-0 58 03.80	0.99996072
6	37 15 28.87473	122 07 15.72819	585371.315	1856210.016	1920505.723	6089915.694	2634.4	CA 3	-0 59 32.82	0.99994838
7	37 23 42.03488	121 54 59.31139	600277.993	1874583.640	1969412.049	6150196.492	37.0	CA 3	-0 52 01.96	0.99995080
8	37 22 25.04041	121 56 35.22440	597893.405	1872187.537	1961588.613	6142335.278	32.3	CA 3	-0 53 00.68	0.99995531
9	37 21 06.48945	121 55 01.01883	595484.094	1874469.051	1953568.065	6149820.545	56.6	CA 3	-0 52 03.01	0.99995335
10	37 21 35.45560	121 55 53.90457	596396.751	1873181.346	1956678.341	6145595.799	43.0	CA 3	-0 52 35.39	0.99995629
11	37 21 34.27718	122 07 19.87751	596496.713	1856303.034	1957462.706	6090220.871	328.0	CA 3	-0 59 35.36	0.99995239
12	37 21 54.27718	121 52 38.35836	592032.415	1878172.286	1942359.682	6161389.252	105.4	CA 3	-0 50 29.63	0.99995717
13	37 19 16.32593	121 52 28.49780	587288.117	1881335.888	1926794.431	6173005.659	103.4	CA 3	-0 49 04.31	0.99996292
14	37 16 44.02362	121 50 09.14051	5877288.117	1884281.858	1918485.107	6174875.764	537.3	CA 3	-0 47 55.19	0.99996620
15	37 15 23.13137	121 48 16.24729	584755.430	1882105.897	1886324.830	6174875.764	537.3	CA 3	-0 48 45.80	0.99998490
16	37 10 04.19109	121 49 38.90108	572530.050	1868068.233	1878375.672	6128820.528	1890.2	CA 3	-0 54 33.16	0.99997575
17	37 08 38.76167	121 59 06.27653	572530.050	1868068.233	1878375.672	6128820.528	1890.2	CA 3	-0 54 31.27	0.99997575
18	37 11 46.35841	121 59 03.18835	578311.233	1867248.450	1897342.770	6129371.429	739.4	CA 3	-0 54 48.57	0.99997490
19	37 12 04.80840	121 59 31.44547	578891.007	1867248.450	1897342.770	6129371.429	690.2	CA 3	-0 57 01.47	0.99997572
20	37 12 30.49143	122 03 08.52025	579769.704	1862209.335	1902127.771	6109398.460	541.4	CA 3	-0 47 12.30	0.99997762
21	37 11 06.68031	121 47 06.18848	576826.571	1885899.483	1892471.842	6187321.887	520.9	CA 3	-0 46 21.92	0.99997808
22	37 10 57.09195	121 45 43.90331	576826.571	1885899.483	1892471.842	6187321.887	520.9	CA 3	-0 46 21.92	0.99997808
23	37 12 22.22178	121 43 44.64514	579088.347	1894900.648	1898982.352	6203529.876	282.0	CA 3	-0 45 08.91	0.99998161
24	37 09 44.36107	121 41 02.97020	572063.720	1896515.631	1876845.721	6222151.699	332.8	CA 3	-0 43 29.93	0.99998500
25	37 08 36.70035	121 39 53.40163	569936.594	1892384.396	1868686.975	6208597.806	535.5	CA 3	-0 44 29.13	0.99998667
26	37 07 26.00375	121 42 39.67418	568990.895	1893785.539	1866764.295	6213194.723	535.5	CA 3	-0 43 54.08	0.99999026
27	37 06 55.91336	121 41 42.42871	570144.798	1898087.945	1853478.540	6203729.876	332.8	CA 3	-0 42 47.33	0.99998650
28	37 07 35.08776	121 38 48.74178	564941.389	1892652.991	1853478.540	6203729.876	332.8	CA 3	-0 42 47.33	0.99998650
29	37 04 44.09220	121 42 26.18420	563560.721	1894165.442	1848948.799	6214441.121	501.5	CA 3	-0 44 18.04	0.99998981
30	37 03 59.93732	121 41 24.24468	563560.721	1894165.442	1848948.799	6214441.121	501.5	CA 3	-0 44 18.04	0.99998981
31	37 00 42.45622	121 36 08.63474	564054.274	1901968.582	1850568.064	6240034.668	1866.7	CA 3	-0 40 29.73	0.99999363
32	37 04 19.04647	121 36 08.63474	564054.274	1901968.582	1850568.064	6240034.668	1866.7	CA 3	-0 40 29.73	0.99999363
33	37 07 07.79622	121 31 50.63704	5691202.564	1906679.354	1864080.796	6251435.798	188.1	CA 3	-0 39 01.27	0.99999582
34	37 04 56.13623	121 31 50.63704	565553.129	1905441.442	1826277.224	6251435.798	188.1	CA 3	-0 38 29.98	0.99999355
35	36 59 44.60289	121 33 44.14800	555553.129	1905441.442	1795478.440	6206702.351	144.6	CA 3	-0 37 03.11	0.99999345
36	36 55 16.12712	121 32 53.04611	547262.923	1906612.283	1816143.549	6267022.351	442.0	CA 3	-0 33 00.87	0.99999673
37	36 58 41.71177	121 30 51.16322	553561.661	1910192.233	1809628.782	6290686.658	214.3	CA 3	-0 51 47.78	0.99999507
38	36 57 40.53070	121 30 51.16322	551575.956	1910192.233	1809628.782	6290686.658	214.3	CA 3	-0 51 47.78	0.99999507
39	37 15 03.41343	121 58 34.84378	591574.552	1865914.498	1976102.544	6154637.415	33.0	CA 3	-0 58 16.71	0.99994635
40	37 18 57.01479	121 58 34.84378	602317.260	1875937.236	1962449.566	6100677.904	137.7	CA 3	-0 58 11.16	0.99995074
41	37 22 25.34881	122 05 11.41671	598155.824	1859490.344	1966757.107	6107482.974	101.9	CA 3	-0 58 11.16	0.99994901
42	37 22 25.34881	122 05 11.41671	598155.824	1859490.344	1966757.107	6107482.974	101.9	CA 3	-0 58 11.16	0.99994901
43	37 23 08.06738	122 03 52.34740	601012.551	1861497.316	1971822.011	6107262.444	57.6	CA 3	-0 57 27.96	0.99994787
44	37 23 59.09952	122 03 52.34740	601012.551	1861497.316	1971822.011	6107262.444	57.6	CA 3	-0 57 27.96	0.99994787
45	37 24 01.24467	122 06 00.85013	601132.335	1859324.871	1972215.002	6096854.181	22.1	CA 3	-0 58 28.89	0.99994663
46	37 24 41.64975	122 05 32.94812	602366.042	1860331.009	1976262.589	6099174.764	58.6	CA 3	-0 57 57.97	0.99994573
47	37 25 13.66982	122 04 40.79885	603351.283	1860331.009	1979429.384	6103435.985	9.3	CA 3	-0 57 57.97	0.99994573
48	37 25 13.66982	122 04 40.79885	603351.283	1860331.009	1979429.384	6103435.985	9.3	CA 3	-0 57 57.97	0.99994573
49	37 24 49.28308	121 50 56.93539	602231.879	1880359.177	197486.498	6169801.233	209.5	CA 3	-0 48 39.68	0.99994642
50	37 24 42.08301	121 48 05.93660	600996.809	1883366.560	1975822.423	6176950.848	1366.8	CA 3	-0 48 39.68	0.99994642
51	37 24 42.08301	121 48 05.93660	600996.809	1883366.560	1975822.423	6176950.848	1366.8	CA 3	-0 48 39.68	0.99994642
52	37 24 01.24467	122 06 00.85013	601132.335	1859324.871	1972215.002	6096854.181	22.1	CA 3	-0 58 28.89	0.99994663
53	37 24 41.64975	122 05 32.94812	602366.042	1860331.009	1976262.589	6099174.764	58.6	CA 3	-0 57 57.97	0.99994573
54	37 25 13.66982	122 04 40.79885	603351.283	1860331.009	1979429.384	6103435.985	9.3	CA 3	-0 57 57.97	0.99994573
55	37 24 49.28308	121 50 56.93539	602231.879	1880359.177	197486.498	6169801.233	209.5	CA 3	-0 48 39.68	0.99994642
56	37 24 42.08301	121 48 05.93660	600996.809	1883366.560	1975822.423	6176950.848	1366.8	CA 3	-0 48 39.68	0.99994642
57	37 24 42.08301	121 48 05.93660	600996.809	1883366.560	1975822.423	6176950.848	1366.8	CA 3	-0 48 39.68	0.99994642
58	37 23 53.37015	121 38 19.10334	575050.214	1885033.206	1882979.751	6212288.110	335.8	CA 3	-0 41 49.60	0.99998199
59	37 07 46.90765	121 38 19.10334	575050.214	1885033.206	1882979.751	6212288.110	335.8	CA 3	-0 41 49.60	0.99998199
60	37 09 36.74185	121 35 58.92934	575933.516	1902131.821	1829204.022	6240577.483	235.3	CA 3	-0 40 23.78	0.9999802
61	37 00 47.89081	121 35 58.92934	575933.516	1902131.821	1829204.022	6240577.483	235.3	CA 3	-0 40 23.78	0.9999802
62	37 04 34.70743	121 28 01.23502	564403.923	1914012.639	1851715.204	6148618.566	854.0	CA 3	-0 52 16.42	0.99994254
63	37 04 34.70743	121 28 01.23502	564403.923	1914012.639	1851715.204	6148618.566	854.0	CA 3	-0 52 16.42	0.99994254
64	37 27 14.72579	121 55 22.92236	606842.807	1874102.675	1990950.109	6155028.264	69.6	CA 3	-0 54 37.27	0.99994748
65	37 27 19.52859	121 54 03.50835	606961.404	1876056.367	1991339.206	6129777.074	19.5	CA 3	-0 54 37.27	0.99994748
66	37 27 19.52859	121 54 03.50835	606961.404	1876056.367	1991339.206	6129777.074	19.5	CA 3	-0 54 37.27	0.99994748
67	37									