

## COUNTY SURVEYOR'S STATEMENT:

THIS MAP HAS BEEN EXAMINED IN ACCORDANCE WITH SECTION 8766 OF THE PROFESSIONAL LAND SURVEYOR'S ACT THIS 17th DAY OF November, 2011.

*John S. Parrish*  
JOHN S. PARRISH, L.S. NO. 5050  
COUNTY SURVEYOR



## BASIS OF BEARINGS:

THE BASIS OF BEARINGS FOR THIS RECORD OF SURVEY IS THE CALIFORNIA COORDINATE SYSTEM, NAD83 (CCS83) [2002.00 EPOCH], STATE PLANE GRID ZONE 3, AS DERIVED FROM THE CONTINUOUSLY OPERATING GPS (CGPS) STATIONS P135, P136, AND P654. POSITIONS FOR SAID CGPS STATIONS WERE DERIVED VIA THE NATIONAL GEODETIC SURVEY'S (NGS) ONLINE POSITIONING USER SERVICE (OPUS). TWENTY FOUR HOUR DATA SETS FOR EACH OF THESE CGPS SITES WERE SUBMITTED TO OPUS FOR DAYS 124 (MAY 4, 2010), 125 (MAY 5, 2010), AND 126 (MAY 6, 2010). THE THREE POSITIONS RETURNED VIA OPUS FOR EACH STATION WERE THEN AVERAGED AND HELD AS FIXED CONTROL. THE STANDARD DEVIATION OF THE MEAN FOR THE POSITION OF EACH STATION, AS DERIVED FROM THE NGS OPUS STANDARD DEVIATIONS ON EACH INDIVIDUAL RETURNED POSITION, ARE AS FOLLOWS:

	HORIZONTAL	VERTICAL
P135	+/-0.04'	+/-0.07'
P136	+/-0.05'	+/-0.05'
P654	+/-0.02'	+/-0.06'

THIS BASIS OF BEARINGS IS SHOWN LOCALLY HEREON BY THE SOUTH LINE OF THE SOUTHWEST 1/4 OF SECTION 33, BETWEEN STATIONS 300100 AND 340100, SAID LINE HAVING A GRID BEARING OF N89°38'05"W.

CONVERGENCE: GEODETIC AZIMUTH = GRID AZIMUTH + 0°38'40"

ALL BEARINGS SHOWN HEREON ARE GRID BEARINGS WITH THE EXCEPTION OF RECORD BEARINGS, WHICH ARE ALL TRUE NORTH BEARINGS.

## BASIS OF COORDINATES:

THE BASIS FOR THE COORDINATES ON THIS RECORD OF SURVEY IS THE CCS83 (2002.00 EPOCH), ZONE 3, AS DETERMINED LOCALLY BY DIRECT GPS DUAL FREQUENCY STATIC TIES TO CGPS STATIONS P135, P136, AND P654 USING POSITIONS FOR SAID CGPS STATIONS DERIVED AS DESCRIBED ABOVE. SAID POSITIONS FOR SAID STATIONS ARE PART OF THE CALIFORNIA SPATIAL REFERENCE NETWORK (CSRN) IN THAT THEY MEET ALL OF THE REQUIREMENTS OF SECTION 8857 OF THE CALIFORNIA PUBLIC RESOURCES CODE (CPRC). THE OPUS DERIVED HORIZONTAL ACCURACIES ON THESE STATIONS MEET OR EXCEED THE FEDERAL GEOGRAPHIC DATA COMMITTEE (FGDC) 2-CENTIMETER ACCURACY CLASSIFICATION PER FGDC-STD-007.2-1998. SAID OPUS DERIVED POSITIONS FOR SAID CGPS STATIONS WERE HELD "FIXED" IN THIS SURVEY.

NO CPRC SECTION 8813.2 ACCURACY IS CLAIMED FOR THE COORDINATE POSITIONS DERIVED IN THIS SURVEY. HOWEVER, ALL FOUND MONUMENTS WERE TIED DIRECTLY TO THE THREE CONTROLLING CGPS STATIONS AS WELL AS TO AT LEAST TWO ONSITE CONTROL STATIONS USING DUAL FREQUENCY STATIC, POST-PROCESSED GPS, RESULTING IN A LOCAL NETWORK 95% CONFIDENCE OF ±0.18 FOOT (±5.0 CM) FOR THOSE STATIONS. THIS NETWORK ACCURACY EXCEEDS THAT SPECIFIED IN THE U.S. FOREST SERVICE'S "STANDARDS AND GUIDELINES FOR CADASTRAL SURVEYS USING GLOBAL POSITIONING SYSTEM METHODS", WHICH REQUIRES A LOCAL ACCURACY 95% CONFIDENCE ON CADASTRAL MEASUREMENTS OF LESS THAN ±0.33 FOOT (±10 CM).

## SCALE FACTOR:

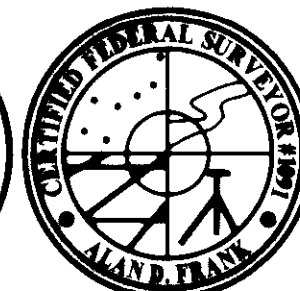
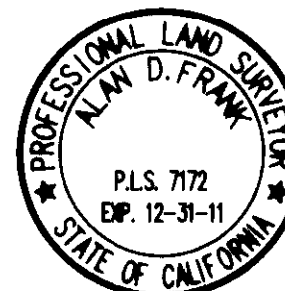
DISTANCES SHOWN HEREON ARE GROUND DISTANCES, UNLESS NOTED "GRID", WHICH INDICATES STATE PLANE GRID DISTANCES, SHOWN IN U.S. SURVEY FEET. TO OBTAIN GRID DISTANCES COMMENSURATE WITH STATE PLANE COORDINATES, MULTIPLY THE GROUND DISTANCES BY A COMBINED FACTOR (CF) OF 0.99963. THIS CF WAS COMPUTED AT THE SOUTHEAST CORNER OF SECTION 33, STATION 400100, AT AN ELEVATION OF 7294 FEET.

$$\text{GRID DISTANCE} = \text{GROUND DISTANCE} \times 0.99963$$

## SURVEYOR'S STATEMENT:

THIS MAP CORRECTLY REPRESENTS A SURVEY MADE BY ME OR UNDER MY DIRECTION IN CONFORMANCE WITH THE REQUIREMENTS OF THE PROFESSIONAL LAND SURVEYOR'S ACT AT THE REQUEST OF THE USDA, FOREST SERVICE, FROM MAY 2010 THROUGH JULY 2011.

*Alan D. Frank*  
ALAN D. FRANK, L.S. NO. 7172  
CFDS 1091



## RECORD OF SURVEY No. 32-86

IN THE UNINCORPORATED TERRITORY OF THE COUNTY OF MONO, STATE OF CALIFORNIA,  
BEING ALL, OR PORTIONS OF, SECTIONS 26 THROUGH 30 AND SECTIONS 33 THROUGH 35,  
TOWNSHIP 6 NORTH, RANGE 23 EAST, MOUNT DIABLO MERIDIAN

JOHNSON-FRANK & ASSOCIATES, INC. - ALAN D. FRANK, PLS - JULY 2011

STATION	LATITUDE	LONGITUDE	(U.S. SURVEY FEET)		STATION
			NORTHING	EASTING	
100200	38-19-52.9204	119-30-07.6856	2308781.13	6847905.40	100200
100240	38-20-18.6062	119-30-07.5266	2311379.48	6847890.36	100240
100400	38-21-36.0902	119-30-08.7669	2319216.28	6847708.00	100400
200300	38-20-42.3880	119-29-03.7686	2313839.75	6852943.86	200300
220300	38-20-42.4242	119-28-47.1791	2313857.79	6854265.38	220300
240200	38-19-52.2237	119-28-30.2499	2308794.56	6855669.63	240200
240300	38-20-42.4598	119-28-30.5896	2313875.83	6855586.91	240300
300100	38-19-02.1746	119-27-56.9305	2303761.14	6858380.39	300100
300120	38-19-14.3613	119-27-56.8288	2304993.96	6858374.87	300120
300140	38-19-26.5480	119-27-56.7271	2306226.77	6858369.35	300140
300200	38-19-52.2421	119-27-57.0478	2308825.52	6858315.08	300200
300220	38-20-04.5189	119-27-57.2482	2310067.19	6858285.38	300220
300240	38-20-16.7958	119-27-57.4487	2311308.86	6858255.69	300240
300300	38-20-42.2640	119-27-57.8959	2313884.67	6858191.60	300300
300340	38-21-07.7320	119-27-57.9855	2316460.79	6858156.00	300340
320120	38-19-14.3374	119-27-40.3585	2305006.08	6859687.40	320120
320140	38-19-26.5612	119-27-40.4085	2306242.50	6859669.70	320140
340100	38-19-02.0508	119-27-23.6839	2303778.03	6861030.04	340100
340120	38-19-14.3136	119-27-23.8863	2305018.27	6861000.09	340120
340140	38-19-26.5765	119-27-24.0886	2306258.52	6860970.13	340140
340200	38-19-51.6991	119-27-24.5032	2308799.38	6860908.77	340200
340220	38-20-04.1806	119-27-24.6637	2310061.78	6860881.90	340220
340300	38-20-42.2086	119-27-25.1528	2313908.02	6860800.06	340300
400100	38-19-02.0511	119-26-51.0498	2303807.19	6863630.74	400100
400140	38-19-26.6024	119-26-51.5002	2306290.21	6863566.92	400140
400200	38-19-51.1536	119-26-51.9507	2308773.24	6863503.10	400200
400220	38-20-03.8392	119-26-51.9487	2310056.43	6863488.83	400220
400240	38-20-16.5248	119-26-51.9467	2311339.62	6863474.56	400240
400300	38-20-41.8959	119-26-51.9427	2313906.00	6863446.02	400300
420220	38-20-04.0565	119-26-35.4909	2310093.18	6864799.84	420220
420240	38-20-16.7334	119-26-35.4406	2311375.55	6864789.36	420240
420300	38-20-42.3077	119-26-35.3384	2313962.56	6864768.29	420300
440100	38-19-02.0515	119-26-18.4158	2303836.60	6866231.43	440100
440120	38-19-14.1240	119-26-18.5901	2305057.61	6866203.68	440120
440140	38-19-26.1965	119-26-18.7645	2306278.62	6866175.93	440140
440160	38-19-38.9004	119-26-18.9493	2307563.48	6866146.64	440160
440200	38-19-51.6047	119-26-19.1317	2308848.40	6866117.53	440200
440240	38-20-16.9415	119-26-18.9345	2311411.47	6866104.17	440240
440260	38-20-29.8302	119-26-18.8343	2312715.30	6866097.37	440260
440300	38-20-42.7189	119-26-18.7340	2314019.13	6866090.57	440300
460100	38-19-01.8367	119-26-01.7989	2303829.92	6867555.92	460100
460120	38-19-13.9137	119-26-02.0246	2305051.35	6867524.11	460120
460140	38-19-25.9908	119-26-02.2504	2306272.77	6867492.11	460140
460160	38-19-38.9100	119-26-02.4864	2307579.37	6867458.41	460160
460200	38-19-51.8293	119-26-02.7224	2308885.98	6867424.72	460200
460220	38-20-04.4863	119-26-02.7984	2310166.20	6867404.09	460220
460240	38-20-17.1432	119-26-02.8743	2311446.43	6867383.45	460240
460260	38-20-29.8628	119-26-02.9373	2312732.99	6867363.78	460260
460300	38-20-42.5823	119-26-03.0003	2314019.56	6867344.11	460300
500100	38-19-01.6212	119-25-45.1821	2303823.25	6868880.40	500100
500120	38-19-13.7029	119-25-45.4591	2305045.09	6868844.34	500120
500140	38-19-25.7845	119-25-45.7362	2306266.92	6868808.28	500140
500160	38-19-38.9189	119-25-46.0246	2307595.24	6868770.10	500160
500200	38-19-52.0532	119-25-46.3132	2308923.55	6868731.91	500200
500220	38-20-04.6989	119-25-46.5635	2310202.47	6868697.33	500220
500240	38-20-17.3444	119-25-46.8140	2311481.38	6868662.74	500240
500260	38-20-29.8948	119-25-47.0403	2312750.68	6868630.20	500260
500300	38-20-42.4451	119-25-47.2666	2314019.98	6868597.65	500300
520120	38-19-13.4688	119-25-28.9006	2305036.54	6870164.15	520120
520140	38-19-25.3606	119-25-29.1223	2306239.23	6870132.66	520140
520160	38-19-38.2583	119-25-29.3578	2307543.65	6870098.90	520160
520200	38-19-51.1553	119-25-29.5929	2308848.00	6870065.18	520200
520220	38-20-04.1130	119-25-29.8297	2310158.49	6870031.26	520220
520240	38-20-17.0723	119-25-30.0661	2311469.15	6869997.36	520240
540100	38-19-01.5375	119-25-12.1730	2303845.01	6871511.08	540100
540120	38-19-13.2376	119-25-12.3410	2305028.35	6871484.03	540120
540140	38-19-24.9378	119-25-12.5091	2306211.70	6871456.98	540140
540160	38-19-37.5973	119-25-12.6910	2307492.07	6871427.71	540160
540200	38-19-50.2568	119-25-12.8729	2308772.45	6871398.44	540200
540300	38-20-42.3659	119-25-13.7474	2314042.64	6871267.96	540300
560100	38-19-01.3477	119-24-55.6477	2303841.04	6872828.24	560100
560120	38-19-12.9324	119-24-55.8440	2305012.68	6872799.02	560120
560140	38-19-24.5172	119-24-56.0402	2306184.33	6872769.80	560140
560160	38-19-37.3675	119-24-56.1951	2307484.03	6872742.40	560160
560220	38-20-03.3726	119-24-56.4950	2310114.24	6872688.02	560220
560240	38-20-16.5274	119-24-56.6404	2311444.75	6872661.02	560240
600100	38-19-01.1572	119-24-39.1225	2303837.07	6874145.40	600100
600140	38-19-24.0959	119-24-39.5715	2306156.96	6874082.62	600140
600200	38-19-50.1782	119-24-39.8267	2308795.01	6874031.58	600200
600220	38-20-03.2163	119-24-39.8945	2310113.79	6874010.83	600220
600240	38-20-16.2545	119-24-39.9625	2311432.57	6873990.07	600240
600300	38-20-42.2841	119-24-40.2281	2314065.30	6873938.27	600300
P135	38-42-16.6215	119-00-55.2827	2446554.01	6985372.15	P135
P136	38-45-40.9047	119-27-30.6405	2465514.37	6858675.58	P136
P654	38-03-28.5485	119-09-00.6265	2210483.56	6950295.84	P654

## RECORDER'S STATEMENT:

INSTRUMENT NO. 2011006168

FILED THIS 22ND DAY OF NOVEMBER, 2011  
AT 10:07 A.M., IN BOOK 5 OF RECORD OF SURVEY  
MAPS AT PAGES 10-10K, AT THE REQUEST OF THE  
UNITED STATES FOREST SERVICE.

LINDA ROBERTS BY *Sherrill R. Hale*  
COUNTY RECORDER DEPUTY COUNTY RECORDER

FEE \$ 0.00

## PURPOSE OF SURVEY:

THE PURPOSE OF THIS SURVEY IS TO LOCATE, MONUMENT, MARK, AND POST THE NATIONAL FOREST PROPERTY BOUNDARY. SAID PROPERTY BOUNDARY LINES HAVE BEEN INTERVISIBLY POSTED AT A MAXIMUM INTERVAL DISTANCE OF 200 FEET.

THIS MAP IS BEING FILED PURSUANT TO THE PROFESSIONAL LAND SURVEYOR'S ACT, CHAPTER 15, ARTICLE 5, SECTION 8762, PARAGRAPH (A) & (B)(2), OF THE BUSINESS AND PROFESSIONS CODE.

## HISTORY OF SURVEYS AND BOUNDARY DISCUSSION:

PAST SURVEY EFFORTS IN THIS PROJECT AREA CONSIST OF THE ORIGINAL GOVERNMENT SURVEY AND TWO PRIVATE SURVEYS OF RECORD. THESE SURVEYS ARE LISTED BELOW FOR REFERENCE.

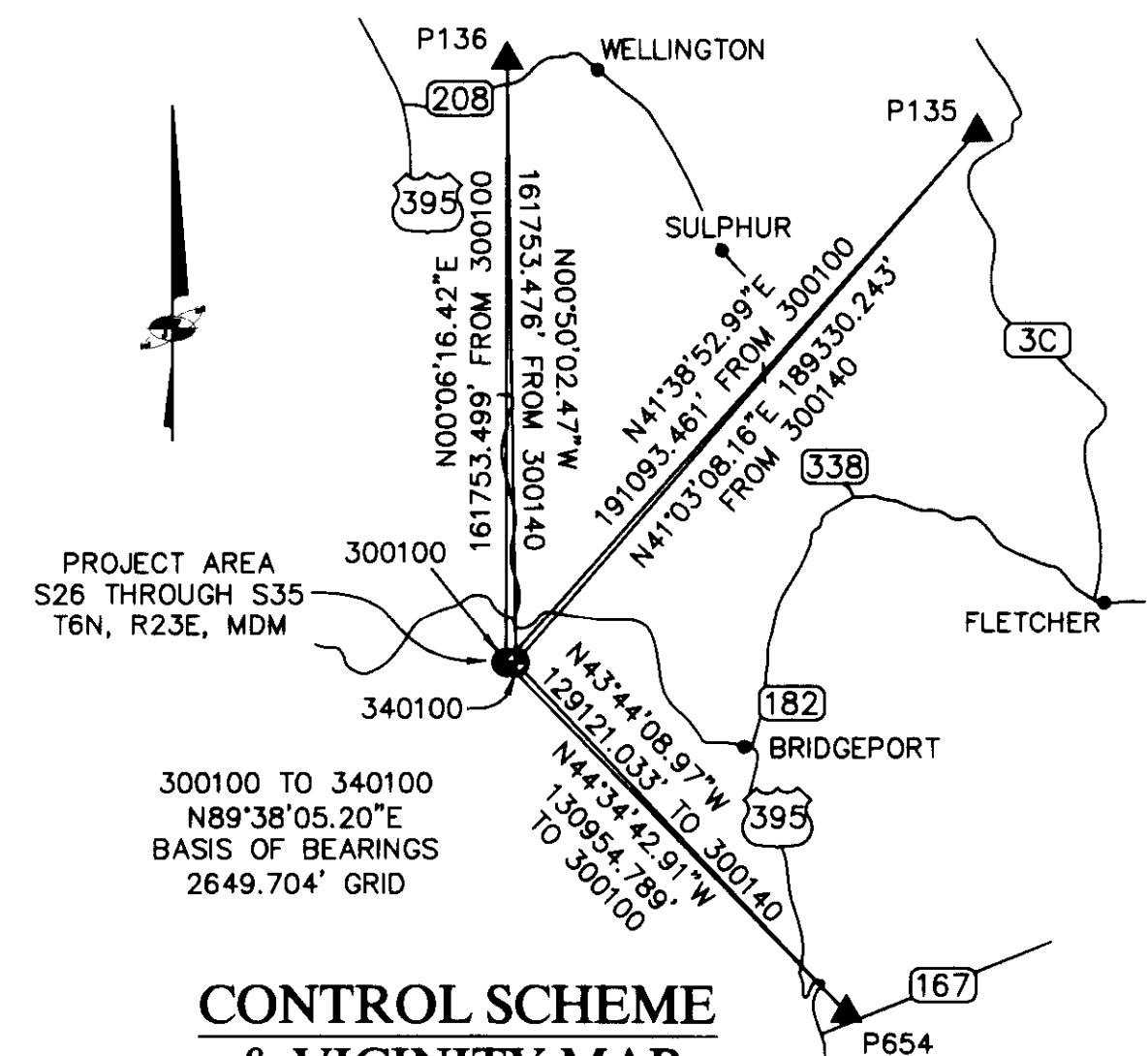
R1) ORIGINAL SURVEY PLAT AND NOTES, T6N, R23E, MDM, APPROVED BY THE U.S. SURVEYOR GENERALS OFFICE ON MARCH 12, 1877

R2) RECORD OF SURVEY NO. 32-23, RECORD OF SURVEY MAPS BOOK 1, PAGE 98, FILED JUNE 12, 1984, AS INSTRUMENT NO. 8933

R3) PARCEL MAP NO. 32-55, PARCEL MAP BOOK 4, PAGE 122, FILED SEPTEMBER 22, 2000, AS INSTRUMENT NO. 2000005538

R4) RECORD OF SURVEY NO. 32-85, RECORD OF SURVEY MAPS BOOK 5, PAGE 8, FILED OCTOBER 12, 2011, AS INSTRUMENT NO. 2011005440

IN RETRACING THE TEN SECTIONS SHOWN HEREON, WE FOUND THAT THE SURVEYS OF RECORD ARE GENERALLY TRUE AND CORRECT AS FILED, AND GENERALLY AGREE WITH ONE ANOTHER. WITH THE EXCEPTION OF A COW CAMP IN THE SW 1/4 OF S27 (SEE SHEETS 3, 5, AND 7) WE DID NOT FIND ANY MAJOR DISCREPANCIES OR ENCROACHMENTS TO NATIONAL FOREST SYSTEM LANDS THOROUGHOUT THIS AREA.

CONTROL SCHEME  
& VICINITY MAP

SCALE: APPROX.  
1"=50,000'