

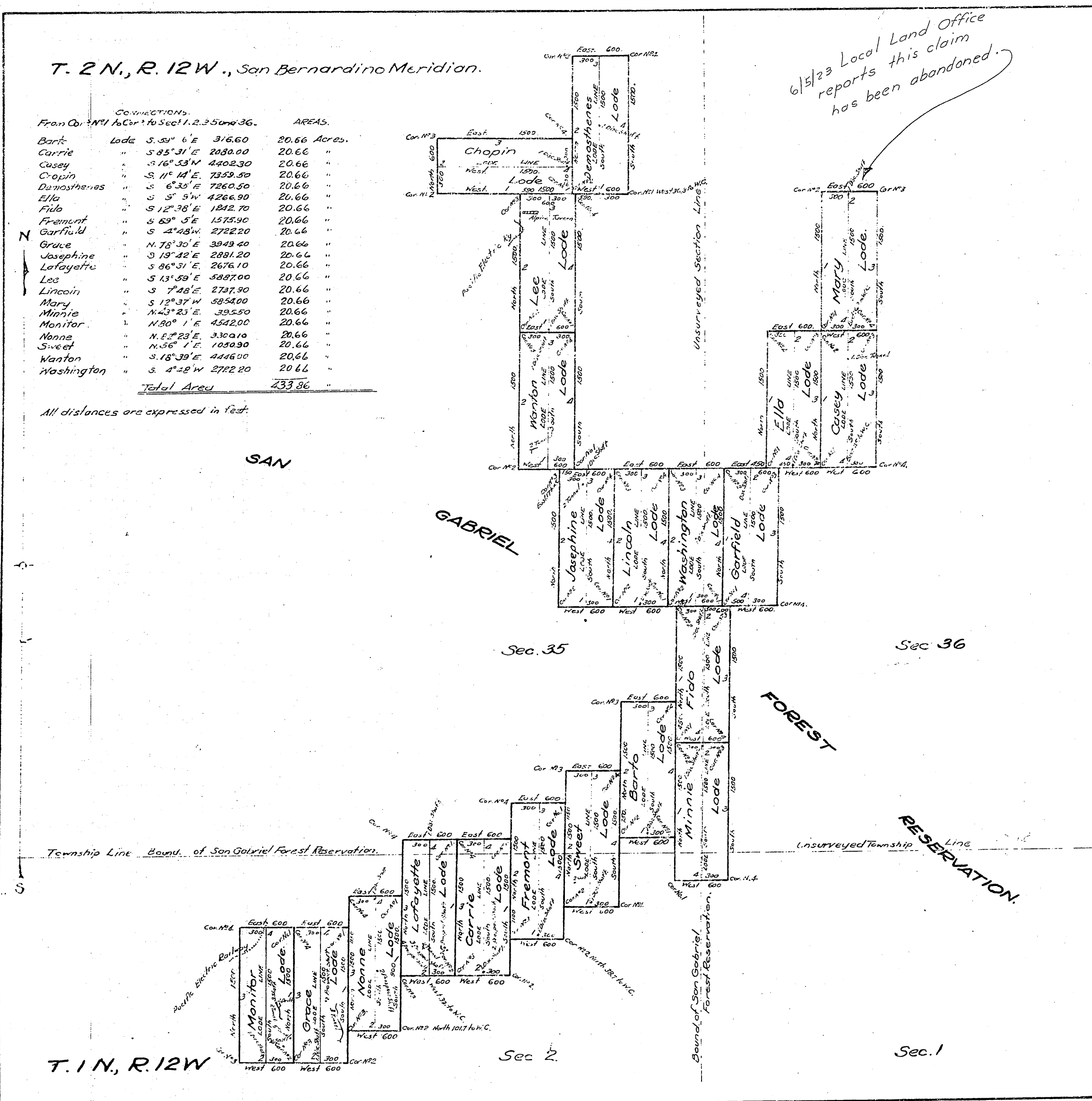
T. 1 N.
R. 12 W.

①

T. 2 N., R. 12 W., San Bernardino Meridian.

CONNECTIONS.			AREAS.	
From Cor. N. 1/2 Sec. 10	Sec. 11	Sec. 12, 2, 3, 5 and 36.		
Barth	Lode	S. 30° E	376.60	20.66 Acres.
Carrie		S. 85° 31' E	2080.00	20.66 "
Cusey		S. 16° 53' N	4402.30	20.66 "
Croftin		S. 11° 14' E	7359.50	20.66 "
Damothrenes		S. 6° 30' E	7260.50	20.66 "
Ella		S. 5° 5' W	4266.90	20.66 "
Fido		S. 12° 38' E	1842.70	20.66 "
Fremont		S. 69° 5' E	1575.90	20.66 "
Garfield		S. 4° 48' W	2722.20	20.66 "
Grace		N. 78° 30' E	3949.40	20.66 "
Josephine		S. 19° 42' E	2881.20	20.66 "
Lafayette		S. 96° 31' E	2676.10	20.66 "
Lee		S. 13° 59' E	5887.00	20.66 "
Lincoln		S. 7° 48' E	2747.90	20.66 "
Mary		S. 12° 37' W	5854.00	20.66 "
Minnie		N. 43° 23' E	3955.50	20.66 "
Monitor		N. 80° 1' E	4542.00	20.66 "
Nonne		N. 57° 29' E	3300.10	20.66 "
Sweet		N. 56° 1' E	1050.90	20.66 "
Wanton		S. 18° 39' E	4446.00	20.66 "
Washington		S. 4° 28' W	2722.20	20.66 "

All distances are expressed in feet.



Claims Located on various dates.

" Recorded
Mineral Survey No. 4237
Application for survey dated January 25, 1904.
LOT No.

Los Angeles Land District.

PLAT

OF THE CLAIM OF

THE ANGELS GOLD MINING COMPANY.

KNOWN AS THE

MONITOR CONSOLIDATED LODE CLAIMS.

IN no organized MINING DISTRICT.
Los Angeles COUNTY, California.
Containing an Area of 433.86 Acres.
Scale of 1000 feet to the inch.
Variation 14° 30' East.

SURVEYED January and March 1904 by
John J. Goldsworthy,
U.S. Deputy Mineral Surveyor.

The Original Field Notes of the Survey of the Mining Claim of
The Angels Gold Mining Company,
known as the

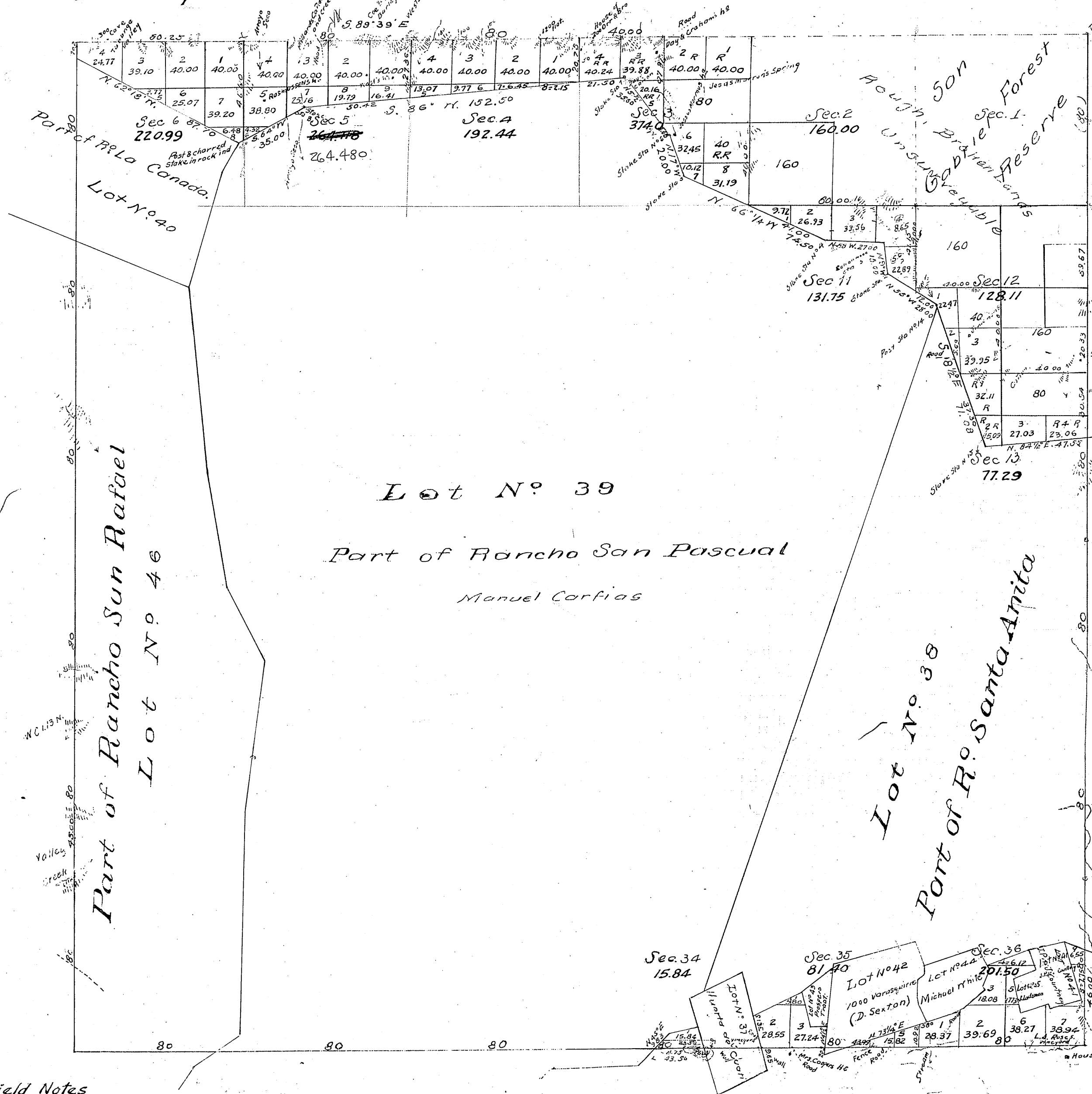
Monitor Consolidated Lode Claims.

from which this plat has been made under my direction,
have been examined and approved, and are on file in this Office,
and I hereby certify that they furnish such an accurate description
of said Mining Claim as will, if incorporated into a patent,
serve fully to identify the premises, and that such reference
is made therein to natural objects or permanent monuments
as will perpetuate and fix the locus thereof.

I further certify that over Ten Thousand
Five Hundred Dollars worth of labor has
been expended or improvements made upon said Mining
Claim by claimant or its grantors and that
said improvements consist of an monitor, Grace, Nonne, Lafayette, Carrie, Fre-
mont, Sweet, Barth, Minnie, Fido, Garfield, Washington, Josephine, Ella, Mary, Wanton,
Lee, Chopin, and Damothrenes, Lode, with 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 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Survey's Designation	By whom Surveyed	Date of Completion	Amount of Survey	When Surveyed
South Boundary of Township	Henry Washington	October 4 th 1852		
Township lines colored Brown	Henry Harroch	December 3 rd 1853		
Boundaries of Lot No 37	"	inst. October 2 nd 1857		
" 38	"	" April 18 th 1857		
" 39	"	" May 17 th 1858		
" 40	"	" September 1 st 1858		
" 41	"	" September 2 nd 1858		
" 42	"	" September 2 nd 1858		
" 43	"	" September 2 nd 1858		
" 44	"	" September 2 nd 1858		
" 45	"	" September 2 nd 1858		
" 46	"	" September 2 nd 1858		
" 47	"	" September 2 nd 1858		
" 48	"	" September 2 nd 1858		
" 49	"	" September 2 nd 1858		
" 50	"	" September 2 nd 1858		
" 51	"	" September 2 nd 1858		
" 52	"	" September 2 nd 1858		
" 53	"	" September 2 nd 1858		
" 54	"	" September 2 nd 1858		
" 55	"	" September 2 nd 1858		
" 56	"	" September 2 nd 1858		
" 57	"	" September 2 nd 1858		
" 58	"	" September 2 nd 1858		
" 59	"	" September 2 nd 1858		
" 60	"	" September 2 nd 1858		
" 61	"	" September 2 nd 1858		
" 62	"	" September 2 nd 1858		
" 63	"	" September 2 nd 1858		
" 64	"	" September 2 nd 1858		
" 65	"	" September 2 nd 1858		
" 66	"	" September 2 nd 1858		
" 67	"	" September 2 nd 1858		
" 68	"	" September 2 nd 1858		
" 69	"	" September 2 nd 1858		
" 70	"	" September 2 nd 1858		
" 71	"	" September 2 nd 1858		
" 72	"	" September 2 nd 1858		
" 73	"	" September 2 nd 1858		
" 74	"	" September 2 nd 1858		
" 75	"	" September 2 nd 1858		
" 76	"	" September 2 nd 1858		
" 77	"	" September 2 nd 1858		
" 78	"	" September 2 nd 1858		
" 79	"	" September 2 nd 1858		
" 80	"	" September 2 nd 1858		
" 81	"	" September 2 nd 1858		
" 82	"	" September 2 nd 1858		
" 83	"	" September 2 nd 1858		
" 84	"	" September 2 nd 1858		
" 85	"	" September 2 nd 1858		
" 86	"	" September 2 nd 1858		
" 87	"	" September 2 nd 1858		
" 88	"	" September 2 nd 1858		
" 89	"	" September 2 nd 1858		
" 90	"	" September 2 nd 1858		
" 91	"	" September 2 nd 1858		
" 92	"	" September 2 nd 1858		
" 93	"	" September 2 nd 1858		
" 94	"	" September 2 nd 1858		
" 95	"	" September 2 nd 1858		
" 96	"	" September 2 nd 1858		
" 97	"	" September 2 nd 1858		
" 98	"	" September 2 nd 1858		
" 99	"	" September 2 nd 1858		
" 100	"	" September 2 nd 1858		

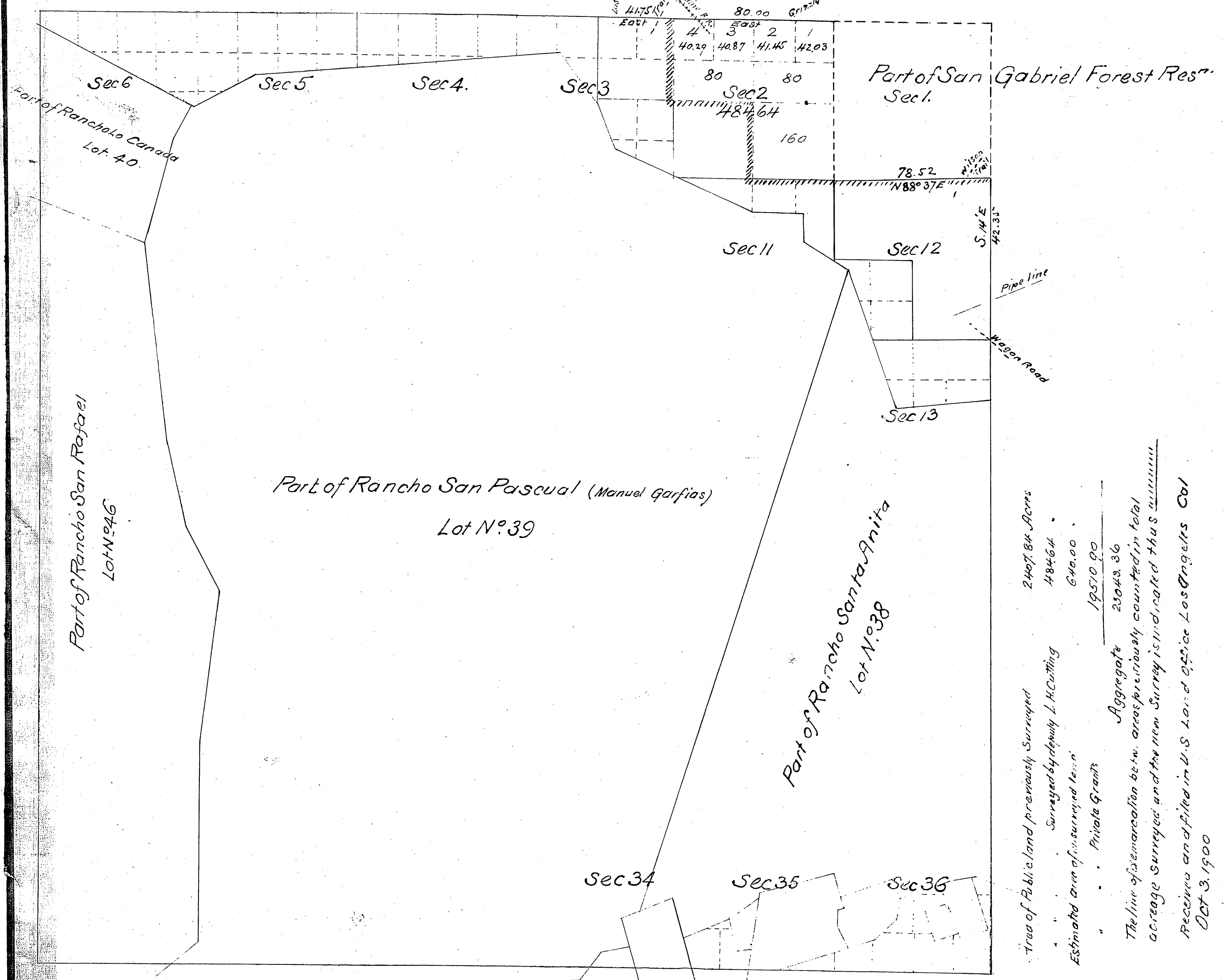
San Bernardino Meridian



C.S. 9065 - N.B. Secs. 2, 3, 4, 5, 6, 11, & 12; E.B. Secs. 2, 5, 6, & 12.; Part N.B. Lot No. 39
C.S. 9072 - N.B. Sec. 6
C.S. 9090 - Boundaries of Ro. La Cañada and Ro. San Rafael
C.S. 9194 - Part of N. Bdy & part of East Bdy.
Notes on Angeles National Forest boundary line - C.S. 9382
Quarter section corner between Sections 1 and 2 - C.S. 9387

Gov Field notes Sec. 2, 3, 10, 11. See C.S. No. 9037
 " " Re. San Pascual See C.S. 9047
 " " W. N. Boundary of lot 38 - C.S. 9063
 " " N. " " Sec. 3 - C.S. 9070

Township N°1 North Range N°12 West San Bernardino Meridian Cal.



Area of Public land previously surveyed 2407.84 Acres
 Surveyed by Deputy L.H. Cutting 4846.4
 Estimated area of unsurveyed land 640.00
 Private Grants 19510.00
 Aggregate 23043.86
 The line of separation betw. areas previously counted in total acreage surveyed and the new survey is indicated thus ~~~~~
 Received and filed in U.S. Land office Los Angeles Cal
 Oct 3, 1900

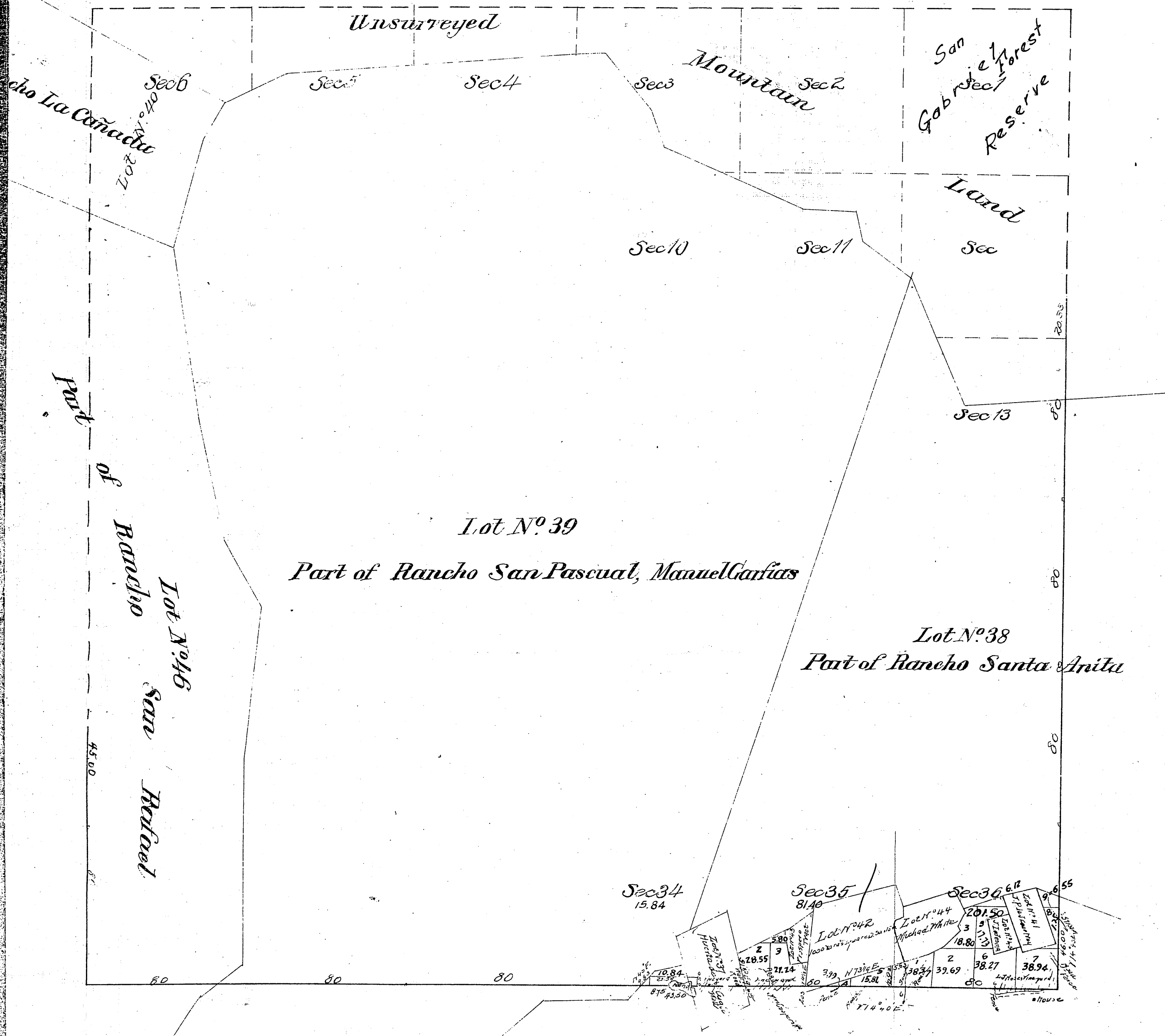
For Exhibit of lines previously surveyed see map approved June 6 1893

Surveys Designated	By whom Surveyed	Date of Contract	Amount of Surveys	When Surveyed
North Boundary of Turp. part	L.H. Cutting	N°26 Feb. 4. 1896	1 mile 41 chs 75 lks	1896
East	"	"	1. 2. 60.	"
Section lines	"	"	1. 79. 68.	October 19. 1896.

The above supplemental map of Township N°1 North Range N°12 West S. B. M. is correctly compiled from the examined and approved field notes of official Surveys on file in this office
 U.S. Surveyor General's Office
 San Francisco Cal.
 Sept. 7. 1900

J. M. Gilman
 U. S. Sur. Genl. Cal.

Township N°1 North Range N°12 West San Bernardino Meridian



Aggregate Area of Public Land (surveyed) 248.74 Acres
Aggregate Area of Private Land (surveyed) 23.038.74
Aggregate Area of Private Land (unsurveyed) 23.038.74

Section lines run at a variation of 14° 40'E.

Note: The Private Land forming the surveyed Public Land were surveyed by Mr. P. Reynolds, but are not charged in his account.

Surveys Designated	By Whom Surveyed	Date of Contract	Amount of Surveys	When Surveyed
South boundary of Township	Henry Washington	October 4 th 1852		1853
Part of East & West boundary of Twp.	Henry Hancock	December 30 th 1853		1854
Boundaries of Lot N° 37	"	Instructions October 2 nd 1857		1857
" " " " 38	"	" April 18 th 1857		1858
" " " " 39	"	" May 17 th 1858		1858
" " " " 40	"	" September 1 st 1858		1858
" " " " 41	"	"		1858
" " " " 42, 43	C. H. Thompson	" 2 nd 1868		1868
" " " " 44, 45	Wm. P. Reynolds	" December 11 th 1868		1869
Township lines shaded red resurveyed	"	December 3 rd 1868	374.965 500.00	1869
Section lines			0 10 - 93	January 27 th 1869

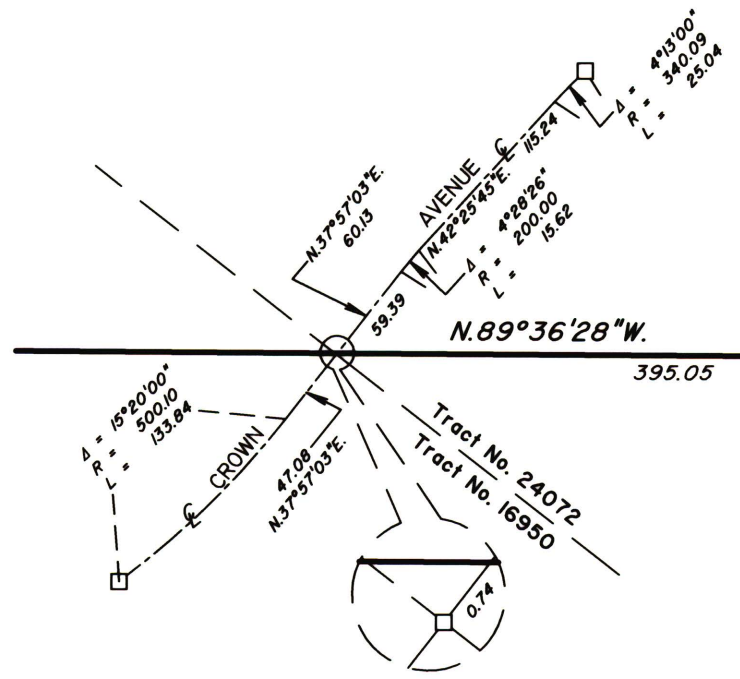
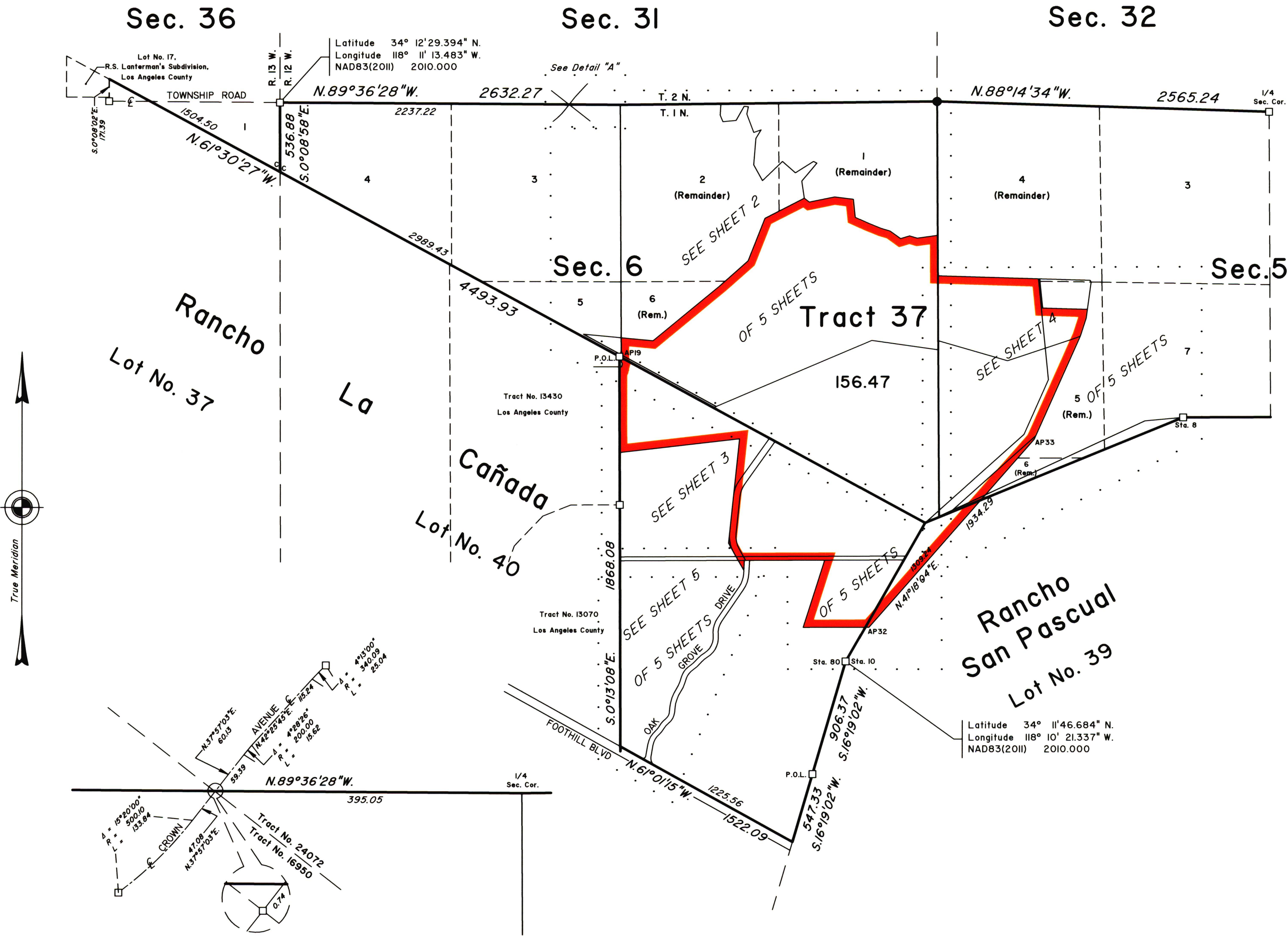
TOWNSHIP 1 NORTH, RANGE 12 WEST, OF THE SAN BERNARDINO MERIDIAN, CALIFORNIA.
DEPENDENT RESURVEY, SUBDIVISION, RETRACEMENT AND METES-AND-BOUNDS SURVEY.

A history of surveys is contained in the field notes.

This plat, in five (5) sheets, represents the dependent resurvey of a portion of Rancho San Pascual, a portion of Rancho La Cañada, a portion of north and west boundaries and a portion of the subdivisional lines, designed to restore the corners in their true original locations according to the best available evidence, and the subdivision of fractional section 6, and the retracement of certain boundaries, and the metes-and-bounds survey of Tract 37, T. 1 N., R. 12 W., San Bernardino Meridian, California.

Except as depicted hereon, the lottings and areas are as shown on the plat approved October 24, 1876.

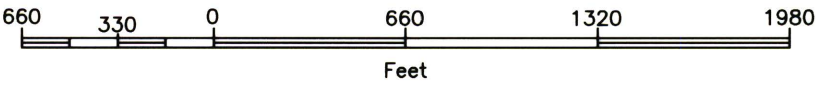
Survey executed by Jenifer K. Anderson, Cadastral Surveyor, and Timothy J. Jackson, Supervisory Cadastral Surveyor, beginning February 6, 2017 and completed August 16, 2018, pursuant to Special Instructions dated February 17, 2017, for Group No. 1725, California.



Detail "A"
Scale: 1 in. = 110 ft.

LEGEND

- Local Evidence Recovered: Not Remonumented
- Position Determined and Monumented
- Tract 37 Boundary
- Partial symbols represent corners for that side of the line



UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
SACRAMENTO, CALIFORNIA

This plat, having been correctly prepared in accordance with the requirements of law and this Bureau, is hereby accepted.

For the Director

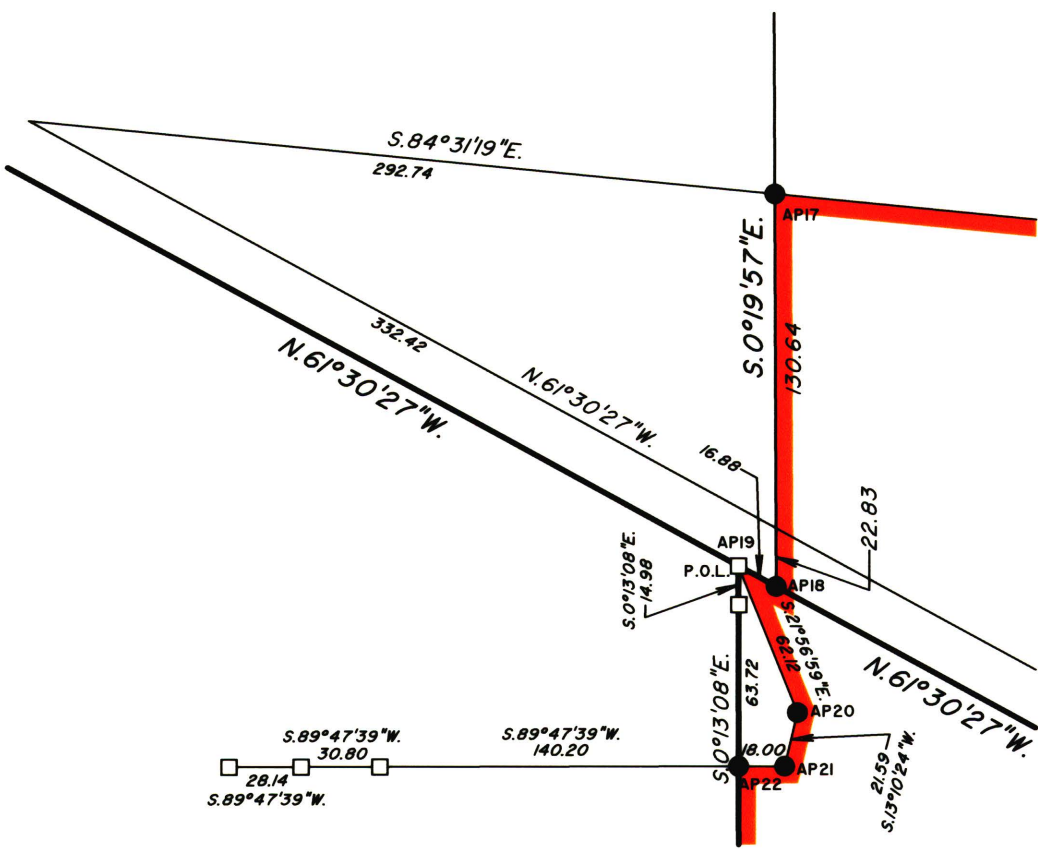
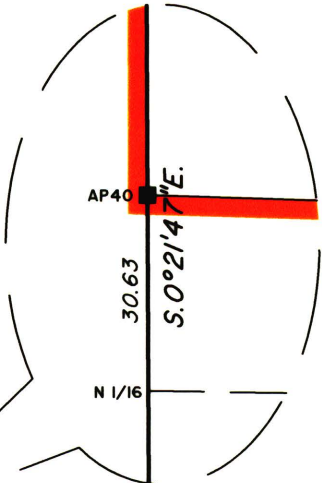
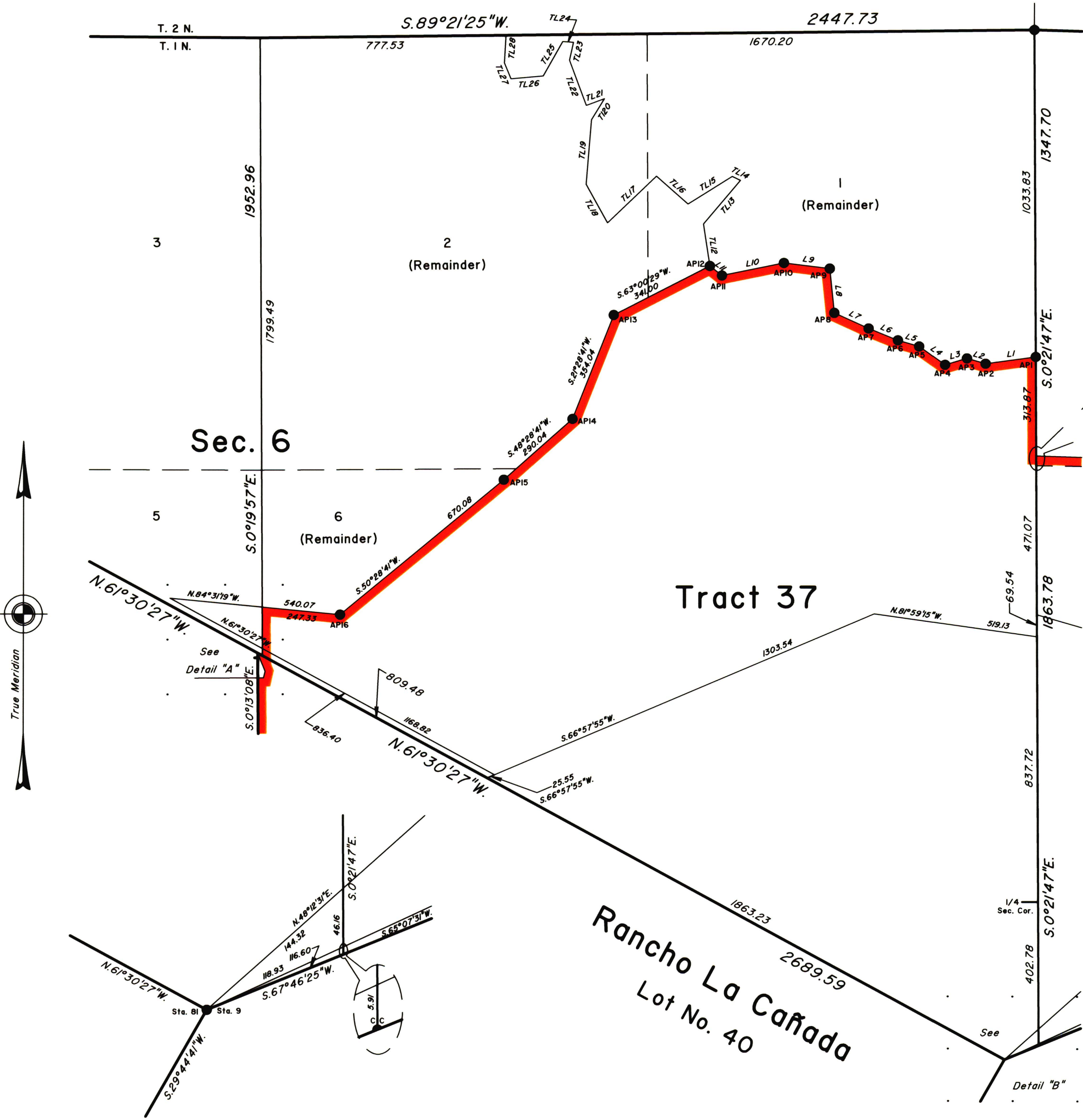
Jon L. Kehler 11/7/2018

Jon L. Kehler

Chief Cadastral Surveyor for California

TOWNSHIP 1 NORTH, RANGE 12 WEST, OF THE SAN BERNARDINO MERIDIAN, CALIFORNIA.
DEPENDENT RESURVEY, SUBDIVISION, RETRACEMENT AND METES-AND-BOUNDS SURVEY

REFER TO SHEET ONE FOR SURVEY INFORMATION



Detail "A"

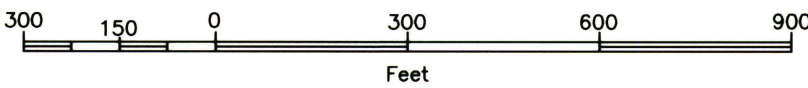
Scale: 1 in. = 75 ft.

Detail "B"

Scale: 1 in. = 75 ft.

LEGEND

- Local Evidence Recovered: Not Remonumented
- Local Evidence Recovered: Remonumented
- Position Determined and Monumented
- Tract 37 Boundary
- Partial symbols represent corners for that side of line



TRACT 37 LINE TABLE

Line	Bearing	Distance
L1	S. 82°10'02" W.	160.03
L2	N. 73°46'29" W.	61.34
L3	S. 73°36'17" W.	72.25
L4	N. 54°24'58" W.	100.02
L5	N. 73°54'58" W.	70.01
L6	N. 68°05'58" W.	100.02
L7	N. 65°39'58" W.	119.02
L8	N. 5°57'22" W.	140.30
L9	N. 83°05'11" W.	145.98
L10	S. 78°29'52" W.	199.91
L11	N. 51°44'31" W.	48.53

ARROYO ADDITION NO. 2 LINE TABLE

Line	Bearing	Distance
TL12	N. 8°50'05" W.	134.04
TL13	N. 40°07'13" E.	180.76
TL14	N. 63°54'06" W.	28.90
TL15	N. 57°56'12" W.	164.86
TL16	N. 48°44'15" W.	132.83
TL17	S. 46°14'04" W.	213.66
TL18	N. 29°12'08" W.	139.70
TL19	N. 4°38'52" E.	205.05
TL20	N. 31°31'06" E.	78.02
TL21	S. 69°29'42" W.	61.49
TL22	N. 20°30'23" W.	152.81

UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
SACRAMENTO, CALIFORNIA

This plat, having been correctly prepared in accordance with the requirements of law and this Bureau, is hereby accepted.

For the Director

Jon L. Kehler 11/7/2018

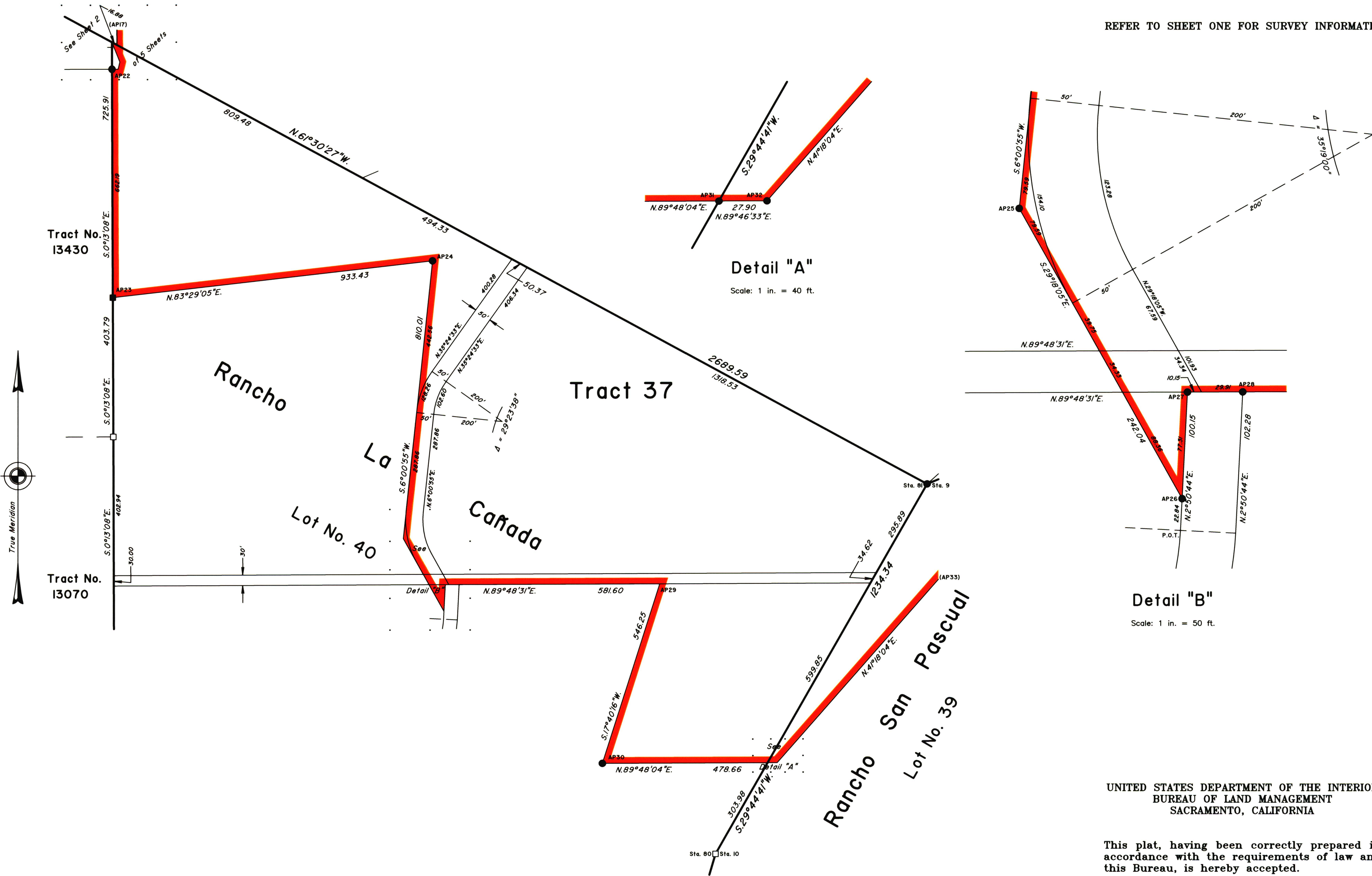
Jon L. Kehler

Chief Cadastral Surveyor for California

TOWNSHIP 1 NORTH, RANGE 12 WEST, OF THE SAN BERNARDINO MERIDIAN, CALIFORNIA.

DEPENDENT RESURVEY, SUBDIVISION, RETRACEMENT AND METES-AND-BOUNDS SURVEY

REFER TO SHEET ONE FOR SURVEY INFORMATION



UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
SACRAMENTO, CALIFORNIA

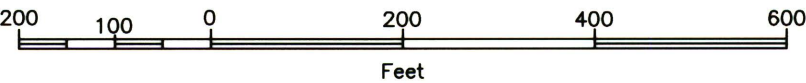
This plat, having been correctly prepared in accordance with the requirements of law and this Bureau, is hereby accepted.

For the Director
[Signature] 11/2/2018

Jon L. Kehler
Chief Cadastral Surveyor for California

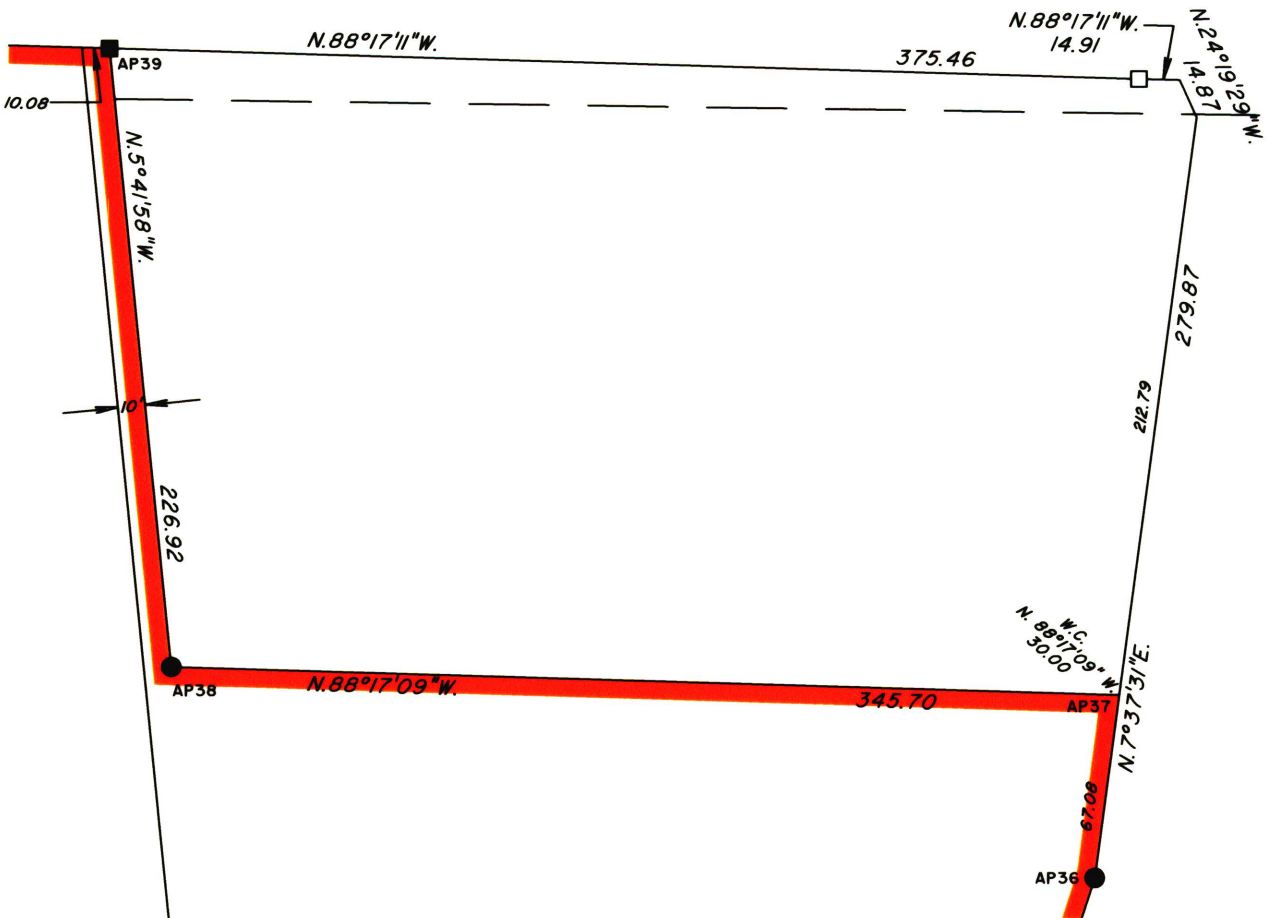
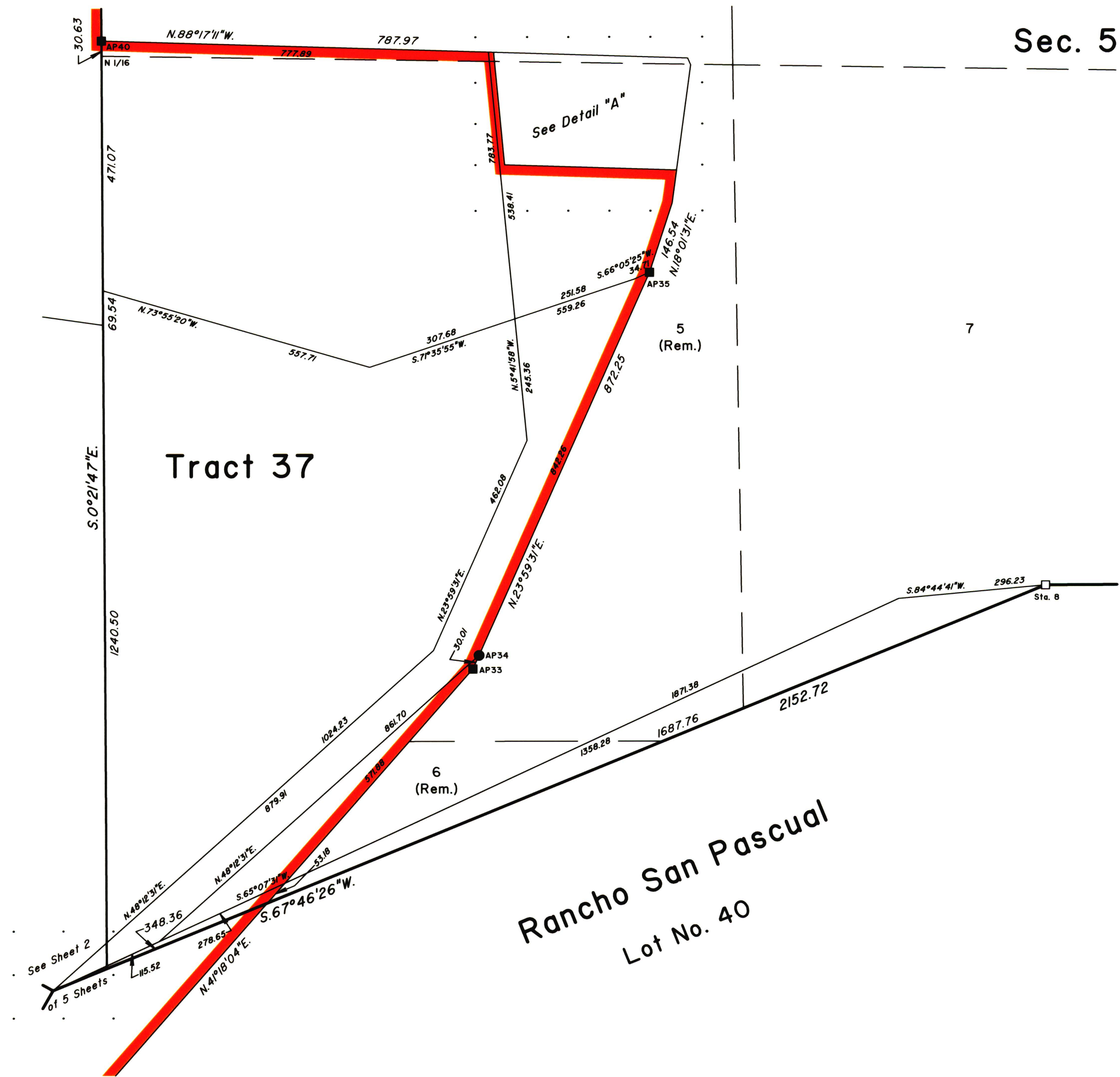
LEGEND

- Local Evidence Recovered: Not Remonumented
- Local Evidence Recovered: Remonumented
- Position Determined and Monumented
- Tract 37 Boundary



TOWNSHIP 1 NORTH, RANGE 12 WEST, OF THE SAN BERNARDINO MERIDIAN, CALIFORNIA.
DEPENDENT RESURVEY, SUBDIVISION, RETRACEMENT AND METES-AND-BOUNDS SURVEY

REFER TO SHEET ONE FOR SURVEY INFORMATION

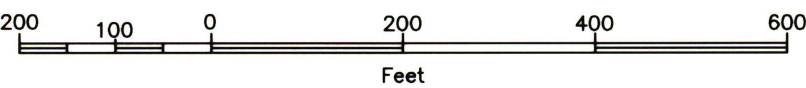


Detail "A"

Scale: 1 in = 70 ft.

LEGEND

- Local Evidence Recovered: Not Remonumented
- Local Evidence Recovered: Remonumented
- Position Determined and Monumented
- Tract 37 Boundary



UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
SACRAMENTO, CALIFORNIA

This plat, having been correctly prepared in accordance with the requirements of law and this Bureau, is hereby accepted.

For the Director

Jon L. Kehler 11/2/2018

Jon L. Kehler

Chief Cadastral Surveyor for California

TOWNSHIP 1 NORTH, RANGE 12 WEST, OF THE SAN BERNARDINO MERIDIAN, CALIFORNIA.

DEPENDENT RESURVEY, SUBDIVISION, RETRACEMENT AND METES-AND-BOUNDS SURVEY

REFER TO SHEET ONE FOR SURVEY INFORMATION

EASTERLY RIGHT-OF-WAY
LINE TABLE

Line	Bearing	Distance
EL2	N. 10°00'44" E.	102.20
EL7	N. 5°20'44" E.	34.51
EL10	N. 17°55'44" E.	40.01
EL13	N. 43°35'44" E.	52.01
EL17	N. 34°20'44" E.	296.07
EL19	N. 2°50'44" E.	102.28

EASTERLY RIGHT-OF-WAY
CURVE TABLE

Curve	Central Angle (Δ)	Radius	Length
EC1	71°03'00"	50.01	62.02
EC3	39°35'00"	140.03	96.74
EC4	20°50'00"	160.04	58.19
EC5	23°30'00"	140.03	57.43
EC6	46°55'00"	120.03	98.29
EC8	28°10'00"	270.07	132.77
EC9	15°35'00"	270.07	73.45
EC11	40°35'00"	120.03	85.02
EC12	14°55'00"	150.04	39.06
EC14	14°40'00"	220.05	56.33
EC15	64°20'00"	180.04	202.15
EC16	40°25'00"	160.04	112.89
EC18	31°30'00"	240.06	131.98

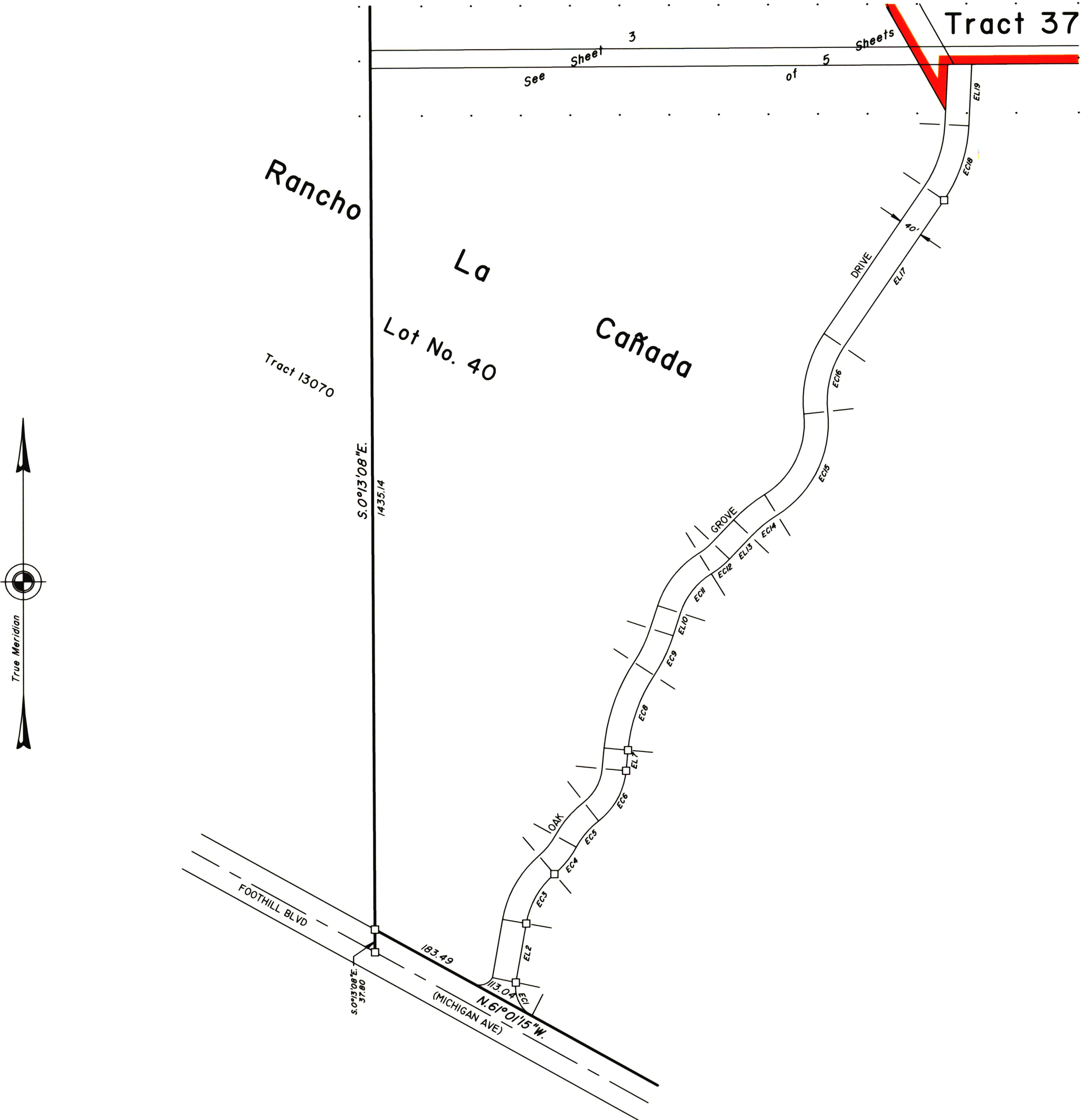
UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
SACRAMENTO, CALIFORNIA

This plat, having been correctly prepared in accordance with the requirements of law and this Bureau, is hereby accepted.

For the Director

 11/7/2018

Jon L. Kehler
Chief Cadastral Surveyor for California



LEGEND

- Local Evidence Recovered: Not Remonumented
- Tract 37 Boundary

JKA/TJJ/RMS

CA270010N0120W00513

T. 1 N., R. 12 W., S.B.M.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

ORIGINAL

FIELD NOTES
OF THE
DEPENDENT RESURVEY OF
A PORTION OF THE BOUNDARY OF RANCHO SAN PASCUAL,
A PORTION OF THE BOUNDARY OF RANCHO LA CAÑADA,
A PORTION OF THE NORTH AND WEST BOUNDARIES
AND A PORTION OF THE SUBDIVISIONAL LINES,
AND
THE SUBDIVISION OF FRACTIONAL SECTION 6,
AND
THE RETRACEMENT OF CERTAIN BOUNDARIES,
AND
THE METES AND BOUNDS SURVEY OF TRACT 37,
TOWNSHIP 1 NORTH, RANGE 12 WEST,
SAN BERNARDINO MERIDIAN, CALIFORNIA

EXECUTED BY
Jenifer K. Anderson, Cadastral Surveyor
and Timothy J. Jackson, Supervisory Cadastral Surveyor

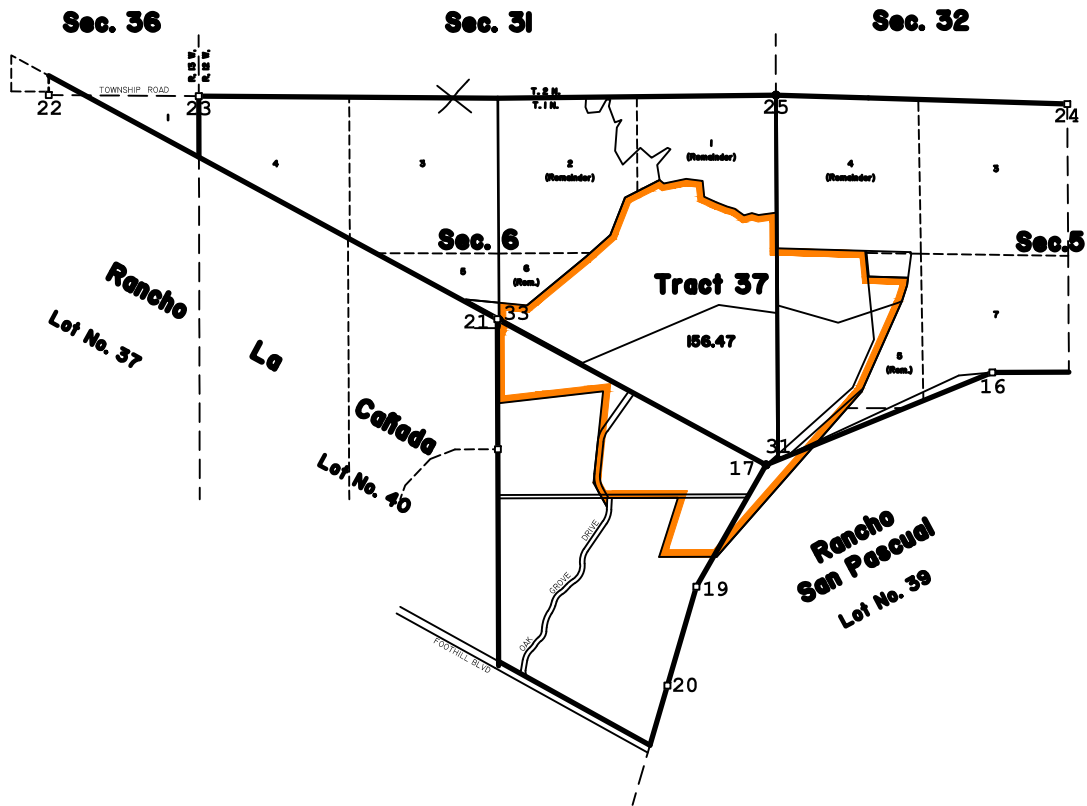
Under Special Instructions dated and approved February 17, 2017,
which provided for the surveys included under Group No. 1725
and Assignment Instructions dated and approved February 17, 2017.

Survey commenced February 6, 2017

Survey completed August 16, 2018

Index Diagram

T. 1 N., R. 12 W., San Bernardino Meridian, California



Retracement of Certain Boundaries

... Pages 34-60

Metes-and-Bounds Survey of Tract 37

... Pages 60-83

T. 1 N., R. 12 W., San Bernardino Meridian, California

Record No.

The following field notes are those of the dependent resurvey of a portion of the boundary of Rancho San Pascual, a portion of the boundary of Rancho La Cañada, a portion of the north and west boundaries and a portion of the subdivisional lines, and the subdivision of fractional section 6, and the retracement of certain boundaries, and the metes and bounds survey of Tract 37, Township 1 North, Range 12 West, San Bernardino Meridian, California.

History of Surveys

- 1) 1858 G-5 E-25: Henry Hancock, Deputy Surveyor, surveyed the boundaries of Rancho San Pascual as depicted on the official plat approved September 18, 1858.
- 2) 1858 G-4 D-17: Henry Hancock, Deputy Surveyor, surveyed the boundaries of Rancho La Cañada as depicted on the official plat approved July 2, 1859.
- 3 1875 R163-2: W.H. Norway, Deputy Surveyor, surveyed the west bdy. of Township 1 North, Range 12 West as depicted on the official plat approved October 24, 1876.
- 4) 1875 R163-3: W.H. Norway, Deputy Surveyor, surveyed a portion of the north bdy. of Rancho La Cañada and the east bdy. of Township 1 North, Range 13 West as depicted on the official plat approved April 3, 1876 and filed under Township 2 North, Range 13 West.
- 5) 1875 R162-31: John Goldsworthy, Deputy Surveyor, surveyed a portion of the bdy. of Rancho San Pascual and a portion of the north bdy. and the subdivisional lines of Township 1 North, Range 12 West as depicted on the official plat approved October 24, 1876.
- 6) 1896 G-15 O-8: Lewis H. Cutting, Deputy Surveyor, surveyed a portion of the south bdy. of Township 2 North, Range 12 West as depicted on the official plat approved January 29, 1904.
- 7) 1909 R427-13: Legrand Friel, Deputy Surveyor, surveyed a portion of the south bdy. of Township 2 North, Range 12 West as depicted on the official plat approved June 14, 1911.
- 8) 1937 R495-2: John L. Warboys, Cadastral Engineer, surveyed the west bdy. of Township 2 North, Range 13 West as depicted on the official plat approved January 26, 1938.

Pertinent Private Surveys

- 9) 1881 4-MR-351: E.T. Wright, LS 16, retraced and subdivided Rancho La Cañada, recorded as the Map of Subdivisions of

T. 1 N., R. 12 W., San Bernardino Meridian, California

Record No.

- Rancho La Cañada, on March 12, 1881, in Book 4 of Map Records, Page 351, Los Angeles County Recorder's office.
- 10) 1890 CFM-81: L. Friel, retraced the north bdy. of Rancho La Cañada and identified a discrepancy between the survey performed by W.H. Norway and the patent description, as surveyed in 1890 and shown on the Clerk's Filed Map No. 81, Los Angeles County Surveyor's office.
- 11) 1892 52-MR-50: J.W. Sedwick retraced a portion of the north and west bdrs. of Rancho San Pascual, and subdivided a portion of Rancho San Pascual and a portion of section 5 as recorded on October 5, 1892, on Altadena Map No. 3 in Book 52 of Map Records, Page 50, Los Angeles County Recorder's office.
- 12) 1893 CFM-94: A.R Street, Sur & Del, retraced the north bdy. of Rancho La Cañada and identified a discrepancy between the survey performed by W.H. Norway and the patent description, as shown on the Clerk's Filed Map No. 94, Los Angeles County Surveyor's office.
- 13) 1898 5-RS-20: T.D. Allin, LS 156, retraced the line between sections 5 and 6, a portion of Lot 5 and 6 of section 5, a portion of the north bdy. of Rancho San Pascual and subdivided a portion of Lots 4, 5 and 6 of section 5 as surveyed on June 25, 1898 on a Record of Survey recorded in Book 5 of Record of Survey, Page 20, Los Angeles County Recorder's office.
- 14) 1894 2-RS-9: E.T. Wright, LS 16, retraced the exterior lines of section 5, a portion of the north and west bdrs. of Rancho San Pasqual, and Lot 35, Altadena Map No. 3, recorded on June 2, 1894, on a Record of Survey in Book 2 of Record of Survey, Page 9, Los Angeles County Recorder's office.
- 15) 1895 55-MR-77: G.M.D. Fisher, retraced a portion of the west bdy. of Township 1 North, Range 12 West, surveyed the centerline of Township Road, on Gould Tract No. 1 recorded on October 9, 1895, in Book 55 of Map Records, Page 77, Los Angeles County Recorder's office.
- 16) 1905 7-MR-75: Unknown Surveyor, retraced a portion of the north bdy. of Rancho La Cañada, surveyed the centerline of Township Road, as recorded on June 5, 1905, on R.S. Lanterman's Subdivision of Lot 9 Rancho La Cañada, in Book 7 of Map Records, Page 75, Los Angeles County Recorder's office.
- 17) 1907 12-MR-167: V.J. Rowan, LS 41, retraced the north bdy. of Sec. 5, Township 1 North, Range 12 West, as recorded on June 18, 1907, on Map of Chipron's Mountain Retreat, in

T. 1 N., R. 12 W., San Bernardino Meridian, California

Record No.

- Book 12 of Map Records, Page 167, Los Angeles County Recorder's office.
- 18) 1910 CSM-7723: Ivory B. Noble, LS 317, County Surveyor, retraced a portion of the north and west bdrs. of Rancho San Pascual, a portion of the north bdy. of Rancho La Cañada, the exterior bdy. of section 6, surveyed the line between Lot 1 and Lot 4, Rancho La Cañada, and a portion of the north line Altadena Map No. 3, as surveyed in November and December, 1910, and recorded on County Surveyor's Map No. 7723, Sheet 1, A1 through A3, comprised from County Surveyor Field Notes Book 44, Page 25 to 39, Los Angeles County Surveyor's office.
- 19) 1911 18-MR-186: William Kite, Civil Engineer, retraced the west bdy. of Township 1 North, Range 12 West and a portion of the bdy. of Rancho La Cañada, and subdivided a portion of Rancho La Cañada as recorded on September 12, 1911, on Tract No. 1381, Book 18 of Map Records, Page 186, Los Angeles County Recorder's office.
- 20) 1912 CSM-7792: Ivory B. Noble, LS 317, County Surveyor, retraced a portion of the north and west bdrs. of Rancho San Pascual, surveyed a portion of Altadena Map No. 3, as surveyed in May, 1912, and recorded on County Surveyor's Map No. 7792, Sheet 3, A1 through A3, comprised from County Surveyor Field Notes Book 44, Page 77, Los Angeles County Surveyor's office.
- 21) 1912 21-MR-38: V.J. Rowan, LS 41, retraced a portion of the north line of section 5 and subdivided a portion of Lot 2, section 5 as recorded on July 5, 1912, on Tract No. 1854, Book 21 of Map Records, Page 38, Los Angeles County Recorder's office.
- 22) 1912 CSM-7801: Ivory B. Noble, LS 317, County Surveyor, retraced a portion of the north and west bdrs. of Rancho San Pascual, as surveyed in July 1912, and recorded on County Surveyor's Map No. 7801, A1 through A2, comprised of County Surveyor Field Notes Book 42, Pages 65 to 73, Los Angeles County Surveyor's office.
- 23) 1914 26-MR-97: V.J. Rowan, LS 41, retraced a portion of the north line of section 5 and subdivided a portion of section 5 as recorded on June 30, 1914, on Tract No. 2644, in Book 26 of Map Records, Page 97, Los Angeles County Recorder's office.
- 24) 1918 35-MR-62: S.B. Morris, RE No. 50, retraced a portion of the north and west lines of section 5 and subdivided a portion of section 5, and surveyed the north line of Lot 35, Altadena Map No. 3 as recorded on January 23, 1918,

T. 1 N., R. 12 W., San Bernardino Meridian, California

Record No.

- on Tract No. 3127, Book 35 of Map Records, Page 62, Los Angeles County Recorder's office.
- 25) 1919 FM-18268: "Map of Lands Owned by City of Pasadena" retraced a portion of the north bdy. of Rancho La Cañada, a portion of the north and west bdrs. of Rancho San Pascual, the north and east line of section 6, a portion of the north line of section 5, surveyed the line between Lot 1 and Lot 4, Rancho La Cañada, a portion of Altadena Map No. 3, a portion of Tract No. 3127, a portion of Oak Grove Drive, a portion of the property created by a Deed recorded in Book 2300, Pages 256 to 258, as surveyed January and February 1919, and recorded on Filed Map No. 18268, A1 through A3, comprised from County Engineer Field Notes Book 279, Pages 45 to 60, Los Angeles County Surveyor's office.
- 26) 1920 42-MR-98: Wm. M. Jonson, LS 793, surveyed and subdivided a portion of Tract No. 1381 as recorded on January 25, 1921, on Tract No. 3240, Book 42 of Map Records, Page 98, Los Angeles County Recorder's office.
- 27) 1924 85-MR-11: C.R. Sumner, LS 1212, retraced a portion of the north bdy. of Rancho San Pascual and tied in the corner between sections 5 and 6 as recorded on January 29, 1924, on Tract No. 7344, Book 85 of Map Records, Page 11, Los Angeles County Recorder's office.
- 28) 1924 FM-10883: C.R. Sumner, LS 1212, retraced a portion of the north line of section 5, the line between section 5 and section 6, a portion of the north bdy. of Rancho San Pascual, surveyed Tract No. 3127, and a portion of the north line of Altadena Map No. 3, as drawn September, 1924, and recorded on Filed Map No. 10883, A1 and A2, Los Angeles County Surveyor's office.
- 29) 1924 106-MR-5: C.R. Sumner, LS 1212, retraced the north line of section 5 and tied in the NE corner of Tract No. 7344 as recorded on November 13, 1924, on Tract No. 8635, Book 106 of Map Records, Page 5, Los Angeles County Recorder's office.
- 30) 1925 CSM-8764: J.E. Rockhold, LS 267, County Surveyor, retraced a portion of the north and west bdrs. of Rancho San Pascual, as surveyed January, 1925, and recorded on County Surveyor's Map No. 8764, Sheet 2, A1 of A4, comprised from County Surveyor Field Notes Book 104, Page 1 to 35, Los Angeles County Surveyor's office.
- 31) 1925 CSM-8801: J.E. Rockhold, LS 267, County Surveyor, retraced a portion of the north bdy. of Rancho San Pascual, a portion of the north bdy. of Rancho La Cañada, a portion of the north line of Township 1 North,

T. 1 N., R. 12 W., San Bernardino Meridian, California

Record No.

- Range 12 West, the line between sections 5 and 6, surveyed the north line of Altadena Map No. 3, the line between Lot 1 and Lot 4, Rancho La Cañada, a portion of Tract No. 3127, a portion of Tract No. 10589, as surveyed January to August 1925, and recorded on County Survey Map No. 8801, Sheet 1, A1 through A6, comprised from Country Surveyor Field Notes Book 104, Page 35 to 72, Los Angeles County Surveyor's office. This map was revised in 1947.
- 32) 1926 20-RS-41: T.D. Allin, LS 156, retraced a portion of the north bdy. of Rancho San Pascual, and a portion of the north bdy. of Township 1 North, Range 12 West, as recorded on July 13, 1926, on a Record of Survey in Book 20 of Record of Survey, Page 41, Los Angeles County Recorder's office.
- 33) 1928 156-MR-30: F.T. Roberts, LS 1645, retraced a portion of the north bdy. of Rancho La Cañada and the west bdy. of Township 1 North, Range 12 West as recorded on February 11, 1929, on Tract No. 9192, Book 156 of Map Records, Page 30, Los Angeles County Recorder's office.
- 34) 1928 CSM-8938: J.E. Rockhold, LS 267, County Surveyor, retraced a portion of the north bdy. of Rancho San Pascual, a portion of the north bdy. of Rancho La Cañada, the line between section 5 and section 6, surveyed the line between Lot 1 and Lot 4, Rancho La Cañada, a portion of the north line of Altadena Map No. 3, as surveyed March 1927 to December 1928, and recorded on County Surveyor's Map No. 8938, Sheet 1, A1 through A7, comprised from County Surveyor Field Notes Book 268, Pages 1 to 70, Los Angeles County Surveyor's office.
- 35) 1929 166-MR-42: Frank C. Huston, LS 1630, retraced the exterior bdrs. of section 6, a portion of the north bdy. of Rancho San Pascual, the west line of Lot 1 and a portion of the north bdy. of Rancho La Cañada, and subdivided section 6 and a portion of section 5, surveyed the centerline of Township Road, and the County Surveyor's adopted line between Gould Tract No. 1 and R.S. Lanterman's Subdivision, as recorded on October 15, 1929, on Tract No. 10589, Book 166 of Map Records, Page 42, Los Angeles County Recorder's office.
- 36) 1930 CSM-8938: J.E. Rockhold, LS 267, County Surveyor, retraced a portion of the line between section 5 and section 6, a portion of the north bdy. of Rancho La Cañada, a portion of the north bdy. of Rancho San Pascual, surveyed the line between Lot 1 and Lot 4, Rancho La Cañada, a portion of the north line of Altadena Map No. 3, a portion of Tract No. 3127, as surveyed in September 1927 to February 1930, and

T. 1 N., R. 12 W., San Bernardino Meridian, California

Record No.

- recorded on County Surveyor's Map No. 8938, Sheet 2, A1 through A5, as comprised from County Surveyor Field Notes Book 268, Pages 5 to 56, County Surveyor Field Notes Book 388, Pages 25 to 99, Los Angeles County Surveyor's office.
- 37) 1932 482-CEFB-107: S.E. Butler, LS 2275, surveyed the bdy. of the property created by the Instrument recorded in Book 10019, Page 322, and Tract No. 3127, as surveyed in September 1934, and recorded on County Engineer Field Book 482, Page 107 to 124, Los Angeles County Surveyor's office.
- 38) 1934 CSM-B745-1: J.E. Rockhold, LS 267, County Surveyor, retraced a portion the north bdy. of Township 1 North, Range 12 West, as surveyed in March 1931 to June 1934, and recorded on County Surveyor Map B745-1, comprised from County Surveyor Field Notes Book 439, Pages 171 to 260 and County Surveyor Field Notes Book 473, Pages 5 to 60, in Los Angeles County Surveyor's office.
- 39) 1935 CSM-B745-3: Alfred Jones, LS 994, County Surveyor, retraced a portion of the north and west bdrs. of Rancho San Pascual, a portion of the north bdy. of Township 1 North, Range 12 West, the line between sections 5 and 6, surveyed a portion of the north and west lines of Altadena Map No. 3, Tract No. 3127, the property in a Deed recorded in Book 10019, Page 322, a portion of Oak Grove Drive, a portion of the property in a Deed recorded in Book 105, Page 420, a portion of the property in a Deed recorded in Book 125 of Official Records, Page 11, Los Angeles County Recorder's office, as surveyed February 1932 to April 1935, and recorded on County Surveyor Map B745-3, in Los Angeles County Surveyor's office.
- 40) 1936 684-CSFB-76: County Surveyor's office, surveyed a portion of the north line of section 5, Township 1 North, Range 12 West, as recorded on County Surveyor's Field Notes in Book 684, Page 76, Los Angeles County Surveyor's office.
- 41) 1937 CSM-1250: Alfred Jones, LS 994, County Surveyor, retraced a portion of the north bdy. of Township 1 North, Range 12 West as surveyed in November 1936 to February 1937, and recorded on County Survey Map No. 1250, A1 and A2, in Los Angeles County Recorder's office.
- 42) 1945 265-MR-31: Neal Garrett, RE No. 4389, retraced a portion of the north bdy. of Rancho La Cañada, surveyed the line between Lot 1 and Lot 4 of Rancho La Cañada, and subdivided a portion of Lot 4 Rancho La Cañada as

T. 1 N., R. 12 W., San Bernardino Meridian, California

Record No.

- recorded on May 9, 1945, on Tract No. 13070, Book 265 of Map Records, Page 31, Los Angeles County Recorder's office.
- 43) 1945 FM-11789: Los Angeles County Flood Control District, retraced the north and west bdrs. of Township 1 North, Range 12 West as recorded on Filed Map No. 11789, 1 and 2, comprise of Flood Control Field Book 837, Page 17, dated November 30, 1945, Los Angeles County Surveyor's office.
- 44) 1945 CFM-2258: War Department, O.C.E., Construction Division, retraced a portion of the line between sections 5 and 6, a portion of the north bdy. of Rancho La Cañada, a portion of the north bdy. of Rancho San Pascual, surveyed a portion of Tract No. 10589, a portion of Tract No. 3127, a portion of the property created by Grant Deed 77-1104347, the property created by a Declaration of Taking, Case No. 4597-BH, recorded in Book 22185 of Official Records, Page 85, as recorded and completed on November 8, 1945 on Clerk's Filed Map No. 2258 in Los Angeles County Recorder's office.
- 45) 1946 274-MR-25: Neal Garrett, RE No. 4389, retraced a portion of the north bdy. of Rancho La Cañada, surveyed the line between Lot 1 and Lot 4 of Rancho La Cañada, and subdivided a portion of Lot 4 Rancho La Cañada as recorded on March 20, 1946, on Tract No. 13430, Book 274 of Map Records, Page 25, Los Angeles County Recorder's office.
- 46) 1946 293-MR-9: Harold A. Barnett, RE No. 1216, retraced a portion of the north bdy. of Rancho San Pascual as recorded on December 11, 1946, on Tract No. 14309, Book 293 of Map Records, Page 9, Los Angeles County Recorder's office.
- 47) 1947 295-MR-28: Neal Garrett, RE No. 4389, surveyed the centerline of Knight Way, formerly Township Road, and the County Surveyor's adopted line between Gould Tract No. 1 and R.S. Lanterman's Subdivision, as recorded on January 16, 1947, on Tract No. 13649, Book 295 of Map Records, Page 28, Los Angeles County Recorder's office.
- 48) 1947 300-MR-12: Neal Garrett, RE No. 4389, retraced the west bdy. of Township 1 North, Range 12 West and surveyed the centerline of Knight Way, formerly known as Township Road, as recorded on March 31, 1947, on Tract No. 13521, Book 300 of Map Records, Page 12, Los Angeles County Recorder's office.
- 49) 1946 301-MR-33: Harold A. Barnett, RE No. 1216, retraced a portion of the north bdy. of Rancho San Pascual, and

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- surveyed and subdivided a portion of Altadena Map No. 3 as recorded on April 17, 1947, on Tract No. 13556, in Book 301 of Map Records, Page 33, Los Angeles County Recorder's office.
- 50) 1948 334-MR-40: Harold A. Barnett, RE No. 1216, retraced a portion of the north bdy. of Rancho San Pascual, surveyed and subdivided a portion of Tract No. 2644, Tract No. 7344 and portions of Lots 3 and 7 of section 5 as recorded on November 5, 1948, on Tract No. 14676, Book 334 of Map Records, Page 40, Los Angeles County Recorder's office.
- 51) 1949 62-RS-30: Neal Garrett, RE No. 4389, retraced the west bdy. of Township 1 North, Range 12 West as recorded on May 18, 1949, on a Record of Survey in Book 62 of Record of Survey, Page 30, Los Angeles County Recorder's office.
- 52) 1950 380-MR-31: Neal Garrett, RE No. 4389, retraced a portion of the north and west lines of section 6 and a portion of the north bdy. of Rancho La Cañada, surveyed and subdivided portions of Lot 6 and 12 of Tract No. 10589, as recorded on July 6, 1950, on Tract No. 13830, Book 380 of Map Records, Page 31, Los Angeles County Recorder's office.
- 53) 1951 406-MR-31: H.R. Little, LS 2303, retraced a portion of the north bdy. of Township 1 North, Range 12 West, and surveyed and subdivided a portion of Lot 6 and 12 of Tract No. 10589 as recorded on March 28, 1951, on Tract No. 16950, Book 406 of Map Records, Page 31, Los Angeles County Recorder's office.
- 54) 1951 412-MR-7: Neal Garrett, RE No. 4389, retraced the west and a portion of the north bdy. of Township 1 North, Range 12 West, as recorded on July 5, 1951, on Tract No. 15265, Book 412 of Map Records, Page 7, Los Angeles County Recorder's office.
- 55) 1953 497-MR-42: Leo L. Strecker, LS 2606, retraced a portion of the north line of section 5, Township 1 North, Range 12 West, as recorded on December 16, 1953, on Tract 16033, Book 497 of Map Records, Page 42, Los Angeles County Recorder's office.
- 56) 1955 556-MR-46: Gerald C. Fitzgerald, RE 726, retraced the north line of section 5, Township 1 North, Range 12 West, as recorded on April 27, 1955, on Tract 18481, Book 556 of Map Records, Page 46, Los Angeles County Recorder's office.

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- 57) 1957 621-MR-68: Daniel D. Francis, LS 2938, retraced a portion of the north bdy. of Township 1 North, Range 12 West, and surveyed and subdivided portions of Lots 6 and 12 of Tract No. 10589, as recorded on August 28, 1957, on Tract No. 24072, Book 621 of Map Records, Page 68, Los Angeles County Recorder's office.
- 58) 1958 1663-CSFB-23: Los Angeles County Surveyor's office, retraced a portion of the north line of section 5, Township 1 North, Range 12 West, dated January 1958, as recorded on County Surveyor Field Notes Book 1663, Page 23.
- 59) 1966 755-MR-67: William J. Frost, LS 3109, surveyed the line between Lot 1 and Lot 4, Rancho La Cañada and surveyed and subdivided a portion of Lot 12 of Tract No. 10589, as recorded on May 20, 1966, on Tract No. 30362, Book 755 of Map Records, Page 67, Los Angeles County Recorder's office.
- 60) 1967 765-MR-99: John A. Lynch, RCE 11455, surveyed the centerline of Township Road, now known as Knight Way, and the County Surveyor Adopted West Line of Gould Tract No. 1 recorded on August 23, 1967, on Tract No. 26974, Book 765 of Map Records, Page 99, Los Angeles County Recorder's office.
- 61) 1968 778-MR-78: John Patrick Lynch, CE 11455, retraced a portion of the west bdy. of Township 1 North, Range 12 East, as recorded on October 9, 1968, on Tract No. 28054, Book 778 of Map Records, Page 78, Los Angeles County Recorder's office.
- 62) 1969 1655-CSFB-45: John A. Lambie, CE No. 5869, County Engineer, surveyed a portion of Oak Grove Drive as shown on County Surveyor's Map No. B-5120, comprised from County Surveyor's Field Notes Book 1655, Page 45, filed December 17, 1970, Los Angeles County Surveyor's office.
- 63) 1969 1823-PWFB-1206: L.L. Brown, surveyed the corner for Township 1 and 2 North, Range 12 and 13 West, as recorded on Public Works Field Book 1823, Page 1206, dated January 23, 1969, Los Angeles County Surveyor's office.
- 64) 1969 1823-PWFB-1303: L.L. Brown, surveyed the corner common to Lot 1, Lot 2, Lot 3, Lot 4, Rancho La Cañada, as recorded on Corner Record, in Public Works Field Book 1823, Page 1303 and 1304, dated May 12, 1969, Los Angeles County Surveyor's office.
- 65) 1969 1823-PWFB-930: Los Angeles County Public Works Department, retraced a portion of the north line of

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- section 5, Township 1 North, Range 12 West, as recorded April 16, 1969, on Public Works Field Book 1823, Page 930, Los Angeles County Surveyor's office.
- 66) 1990 119-RS-79: J.K. Newville, RE No. 13095, retraced a portion of the north bdy. of Rancho San Pascual, and retraced and subdivided a portion of section 5 as recorded on August 23, 1990, on the Record of Survey in Book 119 of Record of Survey, Page 79, Los Angeles County Recorder's office.
- 67) 1991 125-RS-11: Michael A. Duffy, LS 5113, retraced a portion of the westerly bdrs. of Rancho San Pascual, surveyed a portion of Oak Grove Drive, a portion of the lines between Lot 1 and Lot 2, Rancho La Cañada, and the property created by a Deed recorded in Book 2300, Page 256 - 258, as recorded on May 16, 1991, on a Record of Survey in Book 125 of Record of Survey, Page 11, Los Angeles County Recorder's office.
- 68) 1996 1221-MR-7: Gary W. Dokick, LS 4693, retraced a portion of the north line of section 5, Township 1 North, Range 12 West, as recorded on December 24, 1996, on Tract No. 45546-01, Book 1221 of Map Records, Page 7, Los Angeles County Recorder's office.
- 69) 1996 1221-MR-14: Gary W. Dokick, LS 4693, retraced a portion of the north line of section 5, Township 1 North, Range 12 West, as recorded on December 24, 1996, on Tract No. 45546-03, Book 1221 of Map Records, Page 14, Los Angeles County Recorder's office.
- 70) 1998 1230-MR-22: Gary W. Dokick, LS 4693, retraced a portion of the north line of section 5, Township 1 North, Range 12 West, as recorded on August 12, 1998, on Tract No. 45546-09, Book 1230 of Map Records, Page 22, Los Angeles County Recorder's office.
- 71) 2000 1823-PWFB-1834: Los Angeles County Public Works Department, retraced a portion of the north line of section 5, Township 1 North, Range 12 West, as recorded on October 31, 2000, on Public Works Field Book 1823, Pages 1834 and 1835, Los Angeles County Surveyor's office.
- 72) 2001 ASLCE-2001: L.S. Bateman, LS 3757, surveyed a portion of the northwesterly line of a property created by a condemnation filed June 16, 1960 in Book 620 of Official Records, Page 3245 of the Los Angeles County Recorder's office, as shown on an unrecorded survey performed by ASL Consulting Engineers, dated February 26, 2001, provided by Jet Propulsion Laboratories.

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- 73) 2002 1823-PWFB-1867: Mark Winn, LS 7709, surveyed a portion of the south line for the property created by Quitclaim Deed 2830 recorded on August 12, 1971 from the United States of America to William May and Kathleen O. May, as filed on September 19, 2002, and recorded on Corner Record, in Public Works Field Book 1823, Page 1867, Los Angeles County Surveyor's office.
- 74) 2005 WSS-2005: James T. Kevorkian, LS 7601, surveyed a portion of the northwesterly line of a property created by a condemnation filed June 16, 1960 in Book 620 of Official Records, Page 3245 of the Los Angeles County Recorder's office, as shown on an unrecorded survey performed by Western States Surveying, Inc., dated April 21, 2005, provided by Jet Propulsion Laboratories.
- 75) 2007 348-PM-40: David T. Rosell, LS 6281, surveyed a portion of the lines between Lot 1 and Lot 4, Rancho La Cañada as recorded on May 9, 2007, on Parcel Map No. 61169, Book 348 of Parcel Maps, Page 40, Los Angeles County Recorder's office.
- 76) 2012 247-RS-88: John D. Chiappe, LS 7230, retraced a portion of the line between sections 5 and 6, and a portion of the westerly bdrs. of Rancho San Pascual, surveyed the property created by Grant Deed 77-1104347 recorded in the Official Records of Los Angeles County Recorder's office, as recorded on February 28, 2012, on a Record of Survey recorded in Book 247 of Record of Survey, Pages 88 and 89, Los Angeles County Recorder's office.
- 77) 2013 257-RS-44: John D. Chiappe, LS 7230, retraced a portion of the west lines of Rancho San Pascual, a portion of the north line of Township 1 North, Range 12 West, the line between sections 5 and 6, surveyed the north line of Lot 35, Altadena Map No. 3, a portion of Tract No. 3127, and a portion of the property created by Grant Deed 77-1104347 recorded in the Official Records of Los Angeles County Recorder's office, as recorded on August 19, 2013, on an Amended Record of Survey recorded in Book 257 of Record of Survey, Page 44, Los Angeles County Recorder's office.
- 78) 2016 PSOMAS-2016: John D. Chiappe, LS 7230, retraced a portion of the north line of Rancho La Cañada, a portion of the north and west lines of Rancho San Pascual, the exterior lines of section 6, the north and S centerline of section 6, surveyed the line between Lot 1 and Lot 4, Rancho La Cañada, a portion of Tract No. 10589, a portion of Tract No. 13830, a portion of Tract No. 13430, a portion of Tract No. 24072, a portion of Tract No. 30382, a portion of the westerly lines of a property created by the Instrument recorded in Book 10019, Page

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322, the property created by a condemnation filed June 16, 1960 in Book 620 of Official Records, Page 3245, Los Angeles County Recorder's office, a portion of the property created by Quitclaim Deed 2830 recorded on August 12, 1971 from the United States of America to William May and Kathleen O. May, as shown on an unrecorded survey, performed by Psomas, dated February 17, 2016, provided by Jet Propulsion Laboratories.

Pertinent Deeds and Legal Actions Describing Tract 37

- 79) 1945 22185-OR-85: Declaration of Taking from 31.50 acres of land, more or less in Los Angeles County, State of California, etc., et al., to the United States of America, dated July 5, 1945, recorded in Book 22185 of Official Records, Page 85, Los Angeles County Recorder's office.

- 80) 1947 24861-OR-135: Declaration of Taking from California Institute of Technology, to the United States of America, recorded August 1, 1947, in Book 24861 of Official Records, Page 135, Los Angeles County Recorder's office.

- 81) 1952 40067-OR-272: Declaration of Taking from Hugh H. Logan, to the United States of America, recorded October 14, 1952, in Book 40067 of Official Records, Page 272, Los Angeles County Recorder's office.

- 82) 1954 45432-OR-391: Quitclaim Deed from California Institute of Technology to the United States of America, dated August 18, 1954, recorded in Book 45432 of Official Records, Page 391, Los Angeles County Recorder's office.

- 83) 1960 620-OR-3245: Declaration of Taking from Godbey Development Company and others to the United States of America, recorded on June 20, 1960, in Book 620 of Official Records, Page 3245, Los Angeles County Recorder's office.

- 84) 1961 105-OR-420: Grant Deed from Morris R. Valdez and Vivian Valdez to the United States of America, recorded January 5, 1961, in Book 105 of Official Records, Page 420, Los Angeles County Recorder's office.

- 85) 1961 228-OR-1210: Grant Deed from Hugh H. Logan and Charlotte E. Logan to the United States of America, recorded February 28, 1961, in Book 228 of Official Records, Page 1210, Los Angeles County Recorder's office.

- 86) 1966 D3281-OR-81: Notice of Relocation of Easement from Southwestern Savings and Loan Association to NASA, recorded April 22, 1966, as Instrument No. 4045 in Book

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D-3281, official records, page 81, Los Angeles County recorder's Office.

- 87) 1971 OR-1971-0812-2830: Quitclaim Deed from the United States of America to L. William May and Kathleen O. May, recorded on August 12, 1971, as Instrument No. 1971-0812-2830 of Official Records, Los Angeles County Recorder's office.
- 88) 1977 OR-77-1104347: Grant Deed from City of Pasadena to the United States of America, recorded on October 5, 1977, as Instrument No. 77-1104347, of Official Records, Los Angeles County Recorder's office.

Other Pertinent Deeds and Legal Actions

- 89) 1919 1770-CPO-4-1919: Arroyo Addition No. 1, addition to the City of Pasadena by an election held in the proposed territory April 8, 1919, Ordinance No. 1770 of the City of Pasadena, adopted April 16, 1919, and noticed filed with the Secretary of State April 19, 1919.
- 90) 1923 1893-OR-57: Deed for Oak Grove Drive as recorded on January 18, 1923 in Book 1893 of Official Records, Page 57, Los Angeles County Recorder's office.
- 91) 1923 2300-OR-256: Grant Deed from The Lanterman Estate to the City of Pasadena, recorded on May 16, 1923, in Book 2300 of Official Records, Page 256, Los Angeles County Recorder's office.
- 92) 1925 4815-OR-191: Condemnation of Lands by the City of Pasadena recorded January 6, 1925, in Book 4815 of Official Records, Page 191, Los Angeles County Recorder's office.
- 93) 1928 7731-OR-207: Decree of Condemnation, recorded January 11, 1928, in Book 7731 of Official Records, Page 207, Los Angeles County Recorder's office.
- 94) 1928 7820-OR-125: Corporation Grant Deed, recorded February 3, 1928, in Book 7820 of Official Records, Page 125, Los Angeles County Recorder's office.
- 95) 1930 10019-OR-322: Deed to the City of Pasadena, recorded July 20, 1930, in Book 10019 of Official Records, Page 322, Los Angeles County Recorder's office.
- 96) 1931 2872-CPO-1-91: Arroyo Addition No. 2, addition to the City of Pasadena by an election held January 16, 1931, Ordinance No. 2872 approving the annexation adopted January 21, 1931 and notice filed with the Secretary of State, January 23, 1931.

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- 97) 1940 17513-OR-193: Grant Deed from the Security-First National Bank of Los Angeles to Flintridge Riding Club, recorded April 1, 1940, in Book 17513 of Official Records, Page 193, Los Angeles County Recorder's office.
- 98) 1940 17850-OR-379: Deed of Reconveyance from David H. Davis and Julia E. Davis to Corporations of America, recorded August 6, 1940, in Book 17850 of Official Records, Page 379, Los Angeles County Recorder's office.
- 99) 1959 AA3-6-1959: Arroyo Addition No. 3, addition to the City of Pasadena, hearing held on May 14, 1959; a resolution adopted May 14, 1959, approving the annexation, affidavit of completion filed with the County Recorder June 9, 1959.
- 100) 1965 D3110-OR-286: Corporation Grant Deed from Frank I. Tobin and sons, to Southwest Savings and Loan Association, recorded November 9, 1965, in Book D3110 of Official Records, Page 286, Los Angeles County Recorder's office.

This survey was requested January 18, 2017, by the U.S. General Services Administration (GSA) Realty Division for the purpose of resolving certain issues between conflicting local surveys to delineate the exterior boundaries of the Jet Propulsion Laboratory (JPL) site in order to identify encroachments for potential disposal and to mitigate possible trespass issues.

The survey executed herein was performed in accordance with the specifications as set forth in the *Manual of Surveying Instructions*, 2009 edition, and the Special Instructions dated and approved February 17, 2017, for Group No. 1725, California.

All corners or angle points on the exterior boundaries of the public lands which comprise the Jet Propulsion Laboratory Tract are monumented, unless where noted otherwise. The Jet Propulsion Laboratory Tract, comprised from 9 separate contiguous descriptions, is surveyed as a single tract designated Tract 37. Angle points on this tract begin with Angle Point No. 1 at the most northerly corner on the line between secs. 5 and 6 and continue sequentially, counterclockwise, around the exterior bdy. of Tract 37. In order to determine the exterior bdrs. of this tract, it was necessary to reestablish several local surveys, deeds, tract maps and road right-of-way maps for control. Additional lines of control are explained in further detail in the body of the field notes.

Preliminary to the survey, the lines of the prior surveys were retraced with a search for corners and calls of record. Corner positions were identified and monumented as described herein. The retracement data were thoroughly verified and only the true line data is depicted herein and on the accompanying plat. Only

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Feet

the corners of federal lands and the furthest corners necessary for control were monumented in the course of this survey. Only topography that was prominent, near the corners, or described in the original record was noted.

The directions of the lines are based on the true meridian as determined by Global Positioning System (GPS) equipment in conjunction with direct observations carried forward by sustained angulations. Distance measurements were made with GPS equipment and on the slope with electronic distance measurement instruments (EDMI) reduced to their horizontal equivalent in the feet unit, at a mean ground elevation of 1200 ft. above sea level. GPS measurements were obtained using Real Time Kinematic (RTK) surveying techniques as set forth in Instruction Memorandum No. 2001-186: "Standards and Guidelines for Cadastral Surveys using Global Positioning System Methods", dated May 9, 2001.

FENO monuments were used during the course of this survey and consist of a galvanized iron pipe, 24 ins. long, 5/8 in. diam., with a "wire root" system that extends outward as the iron pipe is driven into the ground. An aluminum cap, 2 ins. diam., is fixed to top of the iron pipe.

Berntsen™ BP2 Monuments were also used during the course of this survey and consist of a copper disk, 1 1/4 ins. diam., with a stem that is 1 3/4 ins. long and 1/2 in. diam.

The geographic coordinates used to control this survey were determined using the California Real Time Network (CRTN) Epoch 2011.00 coordinates computed by Scripps Orbit and the Permanent Array Center/California Spatial Reference Center (SOPAC/CSRC) on May 13, 2011 from a modeled position time series up to 2011.2918, using the following master control stations:

Designation: Verdugo Canyon Glendale, VDCY
 Latitude: 34°10'42.824128" N. Longitude: 118°13'11.953068" W.
 Datum/Epoch: NAD 83 (2011.00) Ellipsoid Height: 318.872 meters

Designation: Occidental College, OXYC
 Latitude: 34°07'43.712351" N. Longitude: 118°12'26.286733" W.
 Datum/Epoch: NAD 83 (2011.00) Ellipsoid Height: 210.521 meters

Designation: Caltech, Pasadena, CIT1
 Latitude: 34°08'12.140297" N. Longitude: 118°07'38.180366" W.
 Datum/Epoch: NAD 83 (2011.00) Ellipsoid Height: 216.048 meters

Designation: Claremont, CLAR
 Latitude: 34°06'35.729979" N. Longitude: 117°42'31.668748" W.
 Datum/Epoch: NAD 83 (2011.00) Ellipsoid Height: 374.332 meters

Due to the density of the local survey monuments in this area, not all monuments along each line were recovered. Only those

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corners utilized for control or the verification of control were recovered.

All records are cited in each applicable corner description by the shorthand name at the beginning of each record description in the History of Surveys, Pertinent Deeds and Legal Actions. The record description's place in the History of Surveys, Pertinent Deeds and Legal Actions is cross-referenced to the record's shorthand name with a superscript number corresponding to the record's index number. This index number appears to the left of the record's year in the History of Surveys, Pertinent Deeds and Legal Actions. Records are also cited where they are pertinent to the tracts, parcels, corners or surveys described.

Dependent Resurvey of a Portion of
the Boundary of Rancho San Pascual,
T. 1 N., R. 12 W., San Bernardino Meridian, California.

Reestablishment of the Survey¹ Executed by
Henry Hancock, Deputy Surveyor, in 1858
and the Resurvey⁵ Executed by
John Goldsworthy, Deputy Surveyor, in 1875.

Beginning at Sta. 8, Rancho San Pascual, monumented with an iron pipe, 4 ins. diam., firmly set, projecting 6 ins. above ground, with fence post inside of casing, projecting 6 ft. above casing, with no marks visible.

This monument was set by unknown persons in an unrecorded survey at an unknown date. An iron pipe, 4 ins. diam., is first mentioned in CSM-7723.¹⁸

This monument was recognized by the Los Angeles County Surveyor in January 1925 as Sta. 8, Rancho San Pascual, as recorded on CSM-8764.³⁰ The County Surveyor states that this corner is found "on the east high bank of Arroyo" as called for in the field book. Henry Hancock, Deputy Surveyor, calls for "Station No. 8 on the east bank of the Arroyo" per G-5 E-25.¹

This position is initially noted as the NW corner of Lot 34, on 52-MR-50¹¹. This map depicts Sta. 8 southwesterly from this position. Sta. 8 as depicted on this map does not relate well to either accepted positions for Stations 7 or 9, nor does it relate well with the topographic call of record.

E.T. Wright, LS 16, filed 2-RS-9.¹⁴ His survey shows the north boundary of Rancho San Pascual from Station No. 7 to the NW corner of Lot 34, as S. 85°30' W., 153.18 chs. (G-5 E-25¹ record: line 7-8, S. 86° W., 152.50 chs.) This record of survey was also amended by the County Surveyor with a note stating that the NW

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cor. of lot 34 is accepted as the "location of Sta. 8, Rancho San Pascual, see C.S. 8764 sht. 2." This position relates more closely to original records than the position shown on Altadena Map No. 3,¹¹ as well as the position shown on this map prior to the amendment added by the County Surveyor after 1925.

Ivory B. Noble, LS 317, County Surveyor, on CSM-7723¹⁸ identified this corner as the NW corner of Lot 34. This map depicts Station No. 8 in a position southwesterly of this corner and does not show the corrected information supplied by the County Surveyor recognizing the NW corner of Lot 34 as the true corner for Station No. 8 as shown on CSM-7801²² and CSM-8764.³⁰

Subsequent surveys have also accepted this corner as Sta. 8, Rancho San Pascual. I therefore accept this position as the best available evidence of the position of the original corner.

This corner has been accepted or noted as Sta. 8, Rancho San Pascual, on the following surveys: 4-MR-351,⁹ 52-MR-50,¹¹ CSM-7801,²² 35-MR-62,²⁴ CSM-8801,³¹ 166-MR-42,³⁵ 293-MR-9.⁴⁶

Corner is located on top of east bank of the Arroyo Seco at the corners of fences from which woven fences extend north and west, a chain link fence extends south, and a block wall extends east.

S. 67°46'26" W., on line 9, Rancho San Pascual.

1687.76 Intersect Line 32-33, Tract 37, at a point from which Angle Point No. 33, Tract 37, hereinafter described, bears N. 41°18'04" E., 625.06 ft. dist.

Not monumented.

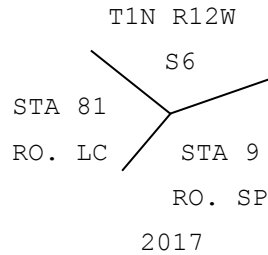
2036.12 Point for the closing cor. to fractional secs. 5 and 6, hereinafter described.

2152.72 Point for Sta. 9, Rancho San Pascual, identical with Sta. 81, Rancho La Cañada; there is no remaining evidence of the original cor. set per G-5 E-25¹ or any of the subsequent local remonumentations. This corner is reestablished by grant boundary adjustment method, utilizing found cors. Sta. 8 and Sta. 10, Rancho San Pascual using the record information for the boundaries of Altadena Map No. 3 as per CSM-7723.¹⁸ This County Survey found the remaining original bearing trees per G-5 E-25,¹ as shown in CSM-7723.¹⁸

Set a stainless steel post, 2 1/2 ins. diam., 28 ins. long, 18 ins. in the ground with a magnet at the base, with bronze iron cap mkd.

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Cor. is located on the SW side of a metal fence post, from which chain link fences extend NW and NE; amongst pipe lines at SW corner of SCEP substation; on east edge of a concrete drive, bears SE and NW.

This corner is called for in the following deeds: 22185-OR-85,⁷⁹ 24861-OR-135,⁸⁰ 40067-OR-272,⁸¹ 105-OR-420,⁸⁴ OR-77-1104347,⁸⁸ 1770-CPO-4-1919⁸⁹ and 2872-CPO-1-91.⁹⁶

S. 29°44'41" W., on line 10, Rancho San Pascual, identical with line 80, Rancho La Cañada.

295.89 Intersect the northerly road right-of-way line, 30.00 ft. wide, as shown on FM-18268,²⁵ identical with the SE corner of Tract No. 12, as called for in 40067-OR-272;⁸¹ also identical with the NE corner of that parcel of land described in 105-OR-420.⁸⁴

Not monumented.

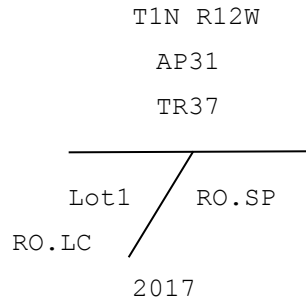
330.51 Intersect the southerly road right-of-way line, 30.00 ft. wide, as shown on FM-18268.²⁵ This position is calculated using single proportion method from said filed map. This position is also depicted on the plat attached to 2300-OR-256.⁹¹

Not monumented.

930.36 Point for Angle Point No. 31, Tract 37; no evidence of the local monuments remain. This point is reestablished at record distance from Sta. 10, along Line 9-10, Rancho San Pascual, as shown on CSM-B745-3.³⁹ This point is identical with the SE corner of the property described in 105-OR-420.⁸⁴ Point is also identical to the southwesterly corner of that parcel described in OR-77-1104347.⁸⁸

Set a stainless steel post, 2 1/2 ins. diam., 28 ins. long, 23 ins. in the ground, with a magnet at the base, and in a collar of stone, 1 ft. diam., to the top of bronze cap mkd.

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Set an aluminum fence post, 6 ft. long, 2 ft. in the ground, N. 57° W., 1.7 ft. dist., with boundary sign and land survey monument sign attached.

from which

A metal power pole, 20 ins. diam., bears S. 44° E., 8.9 ft. dist.

Cor. is located at the base of a southeasterly dirt slope; 11 ft. S of a chain link fence, bears S. 63° E. and N. 63° W.

1234.34 Point for Sta. 10, Rancho San Pascual, identical with Sta. 80, Rancho La Cañada, monumented with an iron pipe, 2 ins. diam., firmly set, 10 ins. below ground, filled with cement with brass tag mkd. LA CO ENG.

This monument was set as described in 1655-CSFB-45.⁶² This monument is a reestablishment of an iron pipe, 4 ins. diam., as shown on CSM-7723¹⁸ and FM-18268.²⁵ The iron pipe, 4 ins. diam., is also a remonumentation of a "new post in a mound of rocks" as shown on 2-RS-9.¹⁴ This position and its various monumentations have been accepted over many years as the remonumentations of the original corner. I therefore accept this corner as a careful and and faithful reestablishment of the position of the original corner.

The position of this corner has been accepted in the following surveys: 125-RS-11,⁶⁷ 247-RS-88,⁷⁶ 257-RS-44.⁷⁷

Corner is located on flat grassy area on the west side of the Arroyo Seco; 7 ft. E. of a chain link fence, bears N. 56° E. and S. 56° W.; 11 ft. W. of the centerline of an overhead power line bearing N. 32° E. and S. 32° W.

The geographic coordinates of this cor. are as follows:

Latitude: 34°11'46.684" N.	Longitude: 118°10'21.337" W.
Datum: NAD 83 (2011)	Epoch: 2010.000

Dependent Resurvey of a Portion
of the Boundary of Rancho San Pascual,
T. 1 N., R. 12 W., San Bernardino Meridian, California

Feet

S. 16°19'02" W., on line 11, Rancho San Pascual, identical with line 79, Rancho La Cañada.

906.37 An iron pipe, 2 ins. diam., firmly set, 10 ins. below ground, with tag mkd. MWD LS5113.

This monument was established as recorded on 125-RS-11.⁶⁷ This pipe is accepted as marking a point on Line No. 10-11, Rancho San Pascual, identical with Line No. 79-80, Rancho La Cañada.

Corner is located on level ground in the floodplain of the Arroyo Seco.

S. 16°19'02" W., beginning new measurement.

547.33 Intersect the northerly right-of-way line of Foothill Boulevard, formerly known as Michigan Avenue, as depicted on 4-MR-351.⁹ No evidence of the local monument remains. This position is reestablished along line 11, Rancho San Pascual, identical with line 79, Rancho La Cañada, and at record dist. from the previous described monument as shown on 125-RS-11.⁶⁷

Not monumented.

Dependent Resurvey of a Portion
of the Boundary of Rancho La Cañada,
T. 1 N., R. 12 W., San Bernardino Meridian, California.

Reestablishment of the Survey² Executed by
Henry Hancock, Deputy Surveyor, in 1858 and the
Dependent Resurvey⁴ Executed by
W.H. Norway, Deputy Surveyor, in 1875.

Line 81, Rancho La Cañada, was retraced using the following surveys: CFM-81,¹⁰ CFM-94,¹² CSM-7723,¹⁸ and CSM-8801.³¹ All four of these surveys recovered original evidence per G-5 E-25¹ and R163-3.⁴ This line is called the County Surveyor Compromise Line on CSM-7723¹⁸. Subsequent local surveys have accepted and perpetuated this line over the years as the original evidence has been remonumented and/or obliterated.

From Station No. 81, Rancho La Cañada, identical with Station No. 9, Rancho San Pascual, hereinbefore described.

N. 61°30'27" W., on line 81, Rancho La Cañada.

965.72 Cor. of Tract 11A and Tract 12, as described in 40067-OR-272.⁸¹

Dependent Resurvey of a Portion
of the Boundary of Rancho La Cañada,
T. 1 N., R. 12 W., San Bernardino Meridian, California

Feet	
1293.57	Point described in Tract 11A, recorded in 40067-OR-272 ⁸¹ and 228-OR-1210. ⁸⁵
1318.53	Terminating point of the easterly right-of-way of a road, 50 ft. wide. This road is described in the following records: 274-MR-25, ⁴⁵ 22185-OR-85, ⁷⁹ 24861-OR-135, ⁸⁰ and 40067-OR-272. ⁸¹ Not monumented.
1368.90	Terminating point to the westerly right-of-way of a road, 50 ft. wide. This road is described in the following records: 274-MR-25, ⁴⁵ 22185-OR-85, ⁷⁹ 24861-OR-135, ⁸⁰ and 40067-OR-272. ⁸¹ Not monumented.
1863.23	Point for the extension of the southerly line of Lot 12, Tract 10589, recorded in 166-MR-42, ³⁵ identical with the southerly points common to Parcel 2 and Parcel 3, described in 24861-OR-135. ⁸⁰ This position was reestablished using single proportion method between the NW corner of Lot 1, Rancho La Cañada and the Sta. 81, Rancho La Cañada, identical with Sta. 9, Rancho San Pascual. Not monumented.
2672.71	Point for the closing cor. of the N-S center line of fractional sec. 6, identical with southwest corner of Parcel 3 described in 24861-OR-135. ⁸⁰ This cor. now also functions as Angle Point No. 18, Tract 37, hereinafter described.
2689.59	The northerly cor. of Lots 1 and 4, Rancho La Cañada, monumented with an iron pipe, 2 ins. diam., firmly set, 20 ins. below ground, with brass cap, 2 1/2 ins. diam., mkd. COUNTY SURVEYOR'S MONUMENT T1N R12W SEC 6 4 1 Ro.L.C. This corner was reestablished as shown on CSM-8801 ³¹ and is accepted as a careful and faithful reestablishment of the position established per 4-MR-351. ⁹ This corner was accepted by the following surveys: CSM-8938 ³⁴ , 265-MR-31, ⁴² 274-MR-25, ⁴⁵ CSM-B-5120, ⁶² Tract 10589, ³⁵ 755-MR-67, ⁵⁹ and PSOMAS-2016. ⁷⁸ This cor. now also functions as Angle Point No. 19, Tract 37. Corner is located on level ground on the west side of a Gould Canyon Trail 6 ft. wide; on the east side of a 6 ft. tall wood fence, bears NW and S.

Dependent Resurvey of a Portion
of the Boundary of Rancho La Cañada,
T. 1 N., R. 12 W., San Bernardino Meridian, California

Feet

N. 61°30'27" W., beginning new measurement.

- 491.03 An iron pipe, 3/4 in. diam., firmly set, flush in the ground, with plastic cap mkd. LS 7882. This monument was set as described in 1823-PWFB-1206,⁶³ and is shown for informational purposes only.
- 520.36 An iron pipe, 2 ins. diam., firmly set, flush in the ground, with a brass cap, 2 1/2 ins. diam. mkd. COUNTY SURVEYORS MONUMENT N. LINE RO. LA CAN. This monument was set as described on CSM-8801,³¹ and is described for informational purposes only.
- 580.40 An iron pipe, 3/4 in. diam., firmly set, flush in the ground, with plastic cap mkd. LS 7882. This monument was set as described in 1823-PWFB-1206,⁶³ and is described for informational purposes only.
- 1496.92 At a point S. 28°29'33" W., 0.19 ft. distant from a rebar, 1/2 in. diam., firmly set, flush in the ground, with a plastic cap mkd. LS 4257. This monument was set by Noel Anthony Milovic, LS 4257, from an unrecorded survey at an unknown date and is shown for informational purposes only.
- 2989.43 Point for closing cor. to the west bdy. of Township 1 North, Range 12 West, hereinafter described.
- 4493.93 Point for the NE cor. of Lot 17, R.S. Lanterman's Subdivision, on Line 81-82, Rancho La Cañada. This point was established as described on CSM-8801;³¹ no evidence of the original county survey monument remains. The latest recovery of this monument is depicted on 765-MR-99.⁶⁰ This map also shows a spike and washer located S. 0°08'45" W., 171.39 ft. dist. along Rockhold's adopted line bet. Gould Tract No. 1, recorded on 55-MR-77,¹⁵ and the R.S. Lanterman's Subdivision of Lot 9, Rancho La Cañada, recorded on 7-MR-75.¹⁶ This point is a perpetuation of another county monument set by Rockhold in his aforementioned survey.³¹ I find a PK nail and washer at this position and I reestablish the NE cor. of Lot 17, R.S. Lanterman's Subdivision of Lot 9, at Lynch's record angle from the centerline of Knight Way,⁶⁰ formerly Township Road, and Rockhold's adopted line³¹, at record distance.

The county survey monument was found and accepted by the following surveys: FM-11789,⁴³ CSM-8801,³¹ CSM-8938,³⁴ LACOFCD FBFC 836-133, all in Los Angeles County Surveyor's office; Tract 10589, in 166-MR-42,³⁵ 295-MR-28,⁴⁷ 765-MR-99.⁶⁰

Not monumented.

From this point the PK nail and washer used to calculate this position bears S. 0°08'02" E., 171.39 ft. dist. This point is located in the centerline of Knight Way, formerly Township Road. This point is not on the township line, nor is it recognized as

Dependent Resurvey of a Portion
of the Boundary of Rancho La Cañada,
T. 1 N., R. 12 W., San Bernardino Meridian, California

Feet

the E 1/16 cor. of secs. 1 and 36, Tps. 1 and 2 N., R. 13 W. For further explanation of this corner and the NE cor. of Lot 17, R.S. Lanterman Subdivision. See the report contained in the group file.

Dependent Resurvey of the West Boundary,
T. 1 N., R. 12 W., San Bernardino Meridian, California.

Reestablishment of the Survey and Resurvey³ Executed by
W.H. Norway, Deputy Surveyor, in 1875.

From the corner of Townships 1 and 2, North, Range 12 and 13 West, monumented with an iron post, 4 x 4 ins. square, firmly set, 12 ins. below surface of asphalt, filled with concrete, with a brass cap, 2 1/2 ins. diam., mkd. LOS ANGELES COUNTY FLOOD CONTROL DISTRICT, TOWNSHIP CORNER.

This monument was initially set per G-15 O-8⁶ and further perpetuated in 1945 by Los Angeles County Flood Control District by resetting and installing a Flood Control Monument Disc as described on FM-11789.⁴³ This monument was further protected by installing a monument well as recorded on 1823-PWFB-1206.⁶³ This monument is accepted as a careful and faithful perpetuation of the position of the original corner established per G-15 O-8.⁶

This monument has been accepted on the following indexed surveys: R495-2,⁸ CSM-7723,¹⁸ 18-MR-186,¹⁹ 247-RS-88,⁷⁶ CSM-8801,³¹ 156-MR-30,³³ 166-MR-42,³⁵ CSM-B745-1,³⁸ FM-11789,⁴³ 300-MR-12,⁴⁸ 380-MR-31,⁵² 406-MR-31,⁵³ 412-MR-7,⁵⁴ and PSOMAS-2016.⁷⁸

from which

A led and tack on top of concrete curb, bears N. 51°44' E.,
32.34 ft. dist.

A led and tack on top of concrete curb, bears N. 44°50' W.,
28.54 ft. dist.

A led and tack on top of concrete curb, bears N. 12°10' W.,
20.61 ft. dist.

Corner is located inside a monument well, in Knight Way, west of the intersection of Knight Way and Oliveta Place; S of Paradise Canyon Elementary School.

The geographic coordinates of this cor. are as follows:

Latitude: 34°12'29.394" N.	Longitude: 118°11'13.483" W.
Datum: NAD 83 (2010)	Epoch: 2011.000

Dependent Resurvey of the West Boundary,
T. 1 N., R. 12 W., San Bernardino Meridian, California

Feet

S. 0°08'58" E., on west bdy. of Township 1 North, Range 12 West.

536.88 Point for closing cor. to the west line of Township 1 North, Range 12 West, established by holding record angle from the north line of Township 1 North, Range 12 West. Holding record angle rather than proportionate distance along the north line of the Rancho La Cañada more closely matches the line established per R163-3⁴ and the previous survey CSM-7723,¹⁸ upon which many subsequent local surveys have based their measurements. There was no remaining evidence of the original cor. set per R163-3⁴ or any of the subsequent local remonumentations.

Not monumented.

Dependent Resurvey of a Portion of the North Boundary,
T. 1 N., R. 12 W., San Bernardino Meridian, California.

Reestablishment of the Survey⁵ Executed by
John Goldsworthy, Deputy Surveyor, in 1875
and the Resurvey⁶ Executed by
Lewis H. Cutting, Deputy Surveyor, in 1896.

From the 1/4 sec. cor. of secs. 5 and 32, Townships 1 and 2 North, Range 12 West, monumented with a concrete cylinder, 6 ins. diam., firmly set, projecting 2 ins. above ground, with a brass cap, 2 1/2 ins. diam., mkd. COUNTY SURVEYOR'S MONUMENT T 2 N R 12 W Sec 32 Sec 5 T 1 N 1/4.

The County Surveyor's monument was set as shown on CSM-B745-3,³⁵ and is accepted as a careful and faithful perpetuation of the position of the corner established per R162-31⁵ and reestablished per G-15 O-8.⁶

This corner has been accepted on the following surveys:
CSM-7801,²² 20-RS-41,³² CSM-B745-1,³⁸ 1663-CSFB-23,⁵⁸ 119-RS-79,⁶⁶ 1221-MR-7,⁶⁸ 1221-MR-14,⁶⁹ and 1230-MR-22.⁷⁰

Corner is located in the backyard of a private residence; on the north side of a set of concrete steps; on the west side of a stone wall, 10 ins. wide, bears N and S.

N. 88°14'34" W., on the north bdy. of Sec. 5, Township 1 North, Range 12 West.

870.77 A brass cap, 3 ins. diam., firmly set, 12 ins. below ground, inside a monument well, at the intersection of Canyon Dell Drive and Canyon Crest Road, mkd. COUNTY ENGINEER RE 5869. This monument was set as recorded on 1823-PWFB-930,⁶⁵ and is shown for informational purposes only.

Dependent Resurvey of a Portion of the North Boundary,
T. 1 N., R. 12 W., San Bernardino Meridian, California

Feet

1751.04 The NE corner of Lot 1, Tract No. 3127,²⁴ monumented with an iron pipe, 2 ins. diam., firmly set, 7 ins. above ground, with concrete plug and tack. This corner was set as recorded on 35-MR-62.²⁴

This point has been accepted as the corner by the following surveys: 106-MR-5,²⁹ 497-MR-42,⁵⁵ 684-CSFB-76,⁴⁰ 556-MR-46,⁵⁶ FM-10883,²⁸ FM-18268,²⁵ CSM-B745-1,³⁸ and CSM-B745-3.³⁹ It is described here for informational purposes only.

From this point an iron pipe, 3/4 in. diam., bears S. 21°33'11" W., 0.12 ft. dist. This pipe was set by an unknown person from an unknown record and it does not relate well with nearby corners and is therefore not accepted.

2565.24 Point for the cor. of secs. 5, 6, 31, 32, Townships 1 and 2 North, Range 12 West, established by extension of the line between the corner for the 1/4 sec. cor. of secs. 5 and 32, and the point for the NE corner of Lot 1, Tract No. 3127,²⁴ at record distance from the NE cor. of Lot 1, as shown on Tract No. 3127.²⁴

from which a local bearing tree

An oak, 26 ins. diam., bears S. 10°50' E., 62.00 ft. dist., with a healed blaze on S face, 4 ft. above ground. (No record for this tree found, but this tree has an obvious blaze. I cannot cut into it as the hillside has eroded away and is too steep to do so.)

Set a stainless steel post, 2 1/2 ins. diam., 28 ins. long, 19 ins. in the ground, with a magnet at the base, with a bronze cap mkd.

T2N R12W	
S31	S32
<hr/>	
S 6	S 5
T1N	
2017	

from which

A FENO monument, 5/8 in. diam., 24 ins. long, 16 ins. in the ground, bears N. 59°08' E., 22.2 ft. dist. with aluminum cap, 2 ins. diam., mkd. T2N R12W RM 22.2 FT. TO COR. S32 2018 and an arrow point to the corner.

A "+" chiseled on top of boulder, 4 X 3 X 2 ft. high bears S. 14°31' E., 42.2 ft. dist., with marks BO South of "+".

Dependent Resurvey of a Portion of the North Boundary,
T. 1 N., R. 12 W., San Bernardino Meridian, California

Feet

A BP2 monument, set in an exposed rock ledge,
6 X 4 ft., with magnet at base, bears S. 9°27' W.,
49.53 ft. dist., mkd. RM1 49.53 FT. 2017 and an arrow
pointing to the corner.

Corner is located in the flood plain of the Arroyo Seco, 37 ft. N
of center of Arroyo Seco creek, course E, in dense growth of
alder, brush and flood debris.

Reestablishment of the Surveys^{5,6,7} Executed by
John Goldsworthy, Deputy Surveyor, in 1875,
Lewis H. Cutting, Deputy Surveyor, in 1896,
and Legrand Friel, Deputy Surveyor, in 1909.

S. 89°21'25" W., on the north line of Sec. 6, Township 1 North,
Range 12 West.

1670.20 Point of intersection of the west line of the property described
in 10019-OR-322,⁹⁵ established at record distance from the corner
of secs. 5, 6, 31, and 32.

Not monumented.

2447.73 Point for the 1/4 sec. cor. of secs. 6 and 31, Townships 1 and 2
North, Range 12 West; no evidence of the original cor. remains.
I reestablish this cor. from a point which is at record distance
of 0.74 ft. from the intersection of the centerline of Crown Ave.
with the southwestern bdy. of Tract 24072.⁵⁷ I then project the
line from the twp. cor. through this point and at record dist. of
395.05 ft. as recorded on 621-MR-68,⁵⁷ and recorded on 406-MR-31.⁵³

Not monumented.

Corner falls in driveway of a private residence.

From this point a spike, firmly set, 2 ins. below surface of road
bears S. 89°41'32" W., 395.50 ft. dist. This point accepted as
the position for the intersection of the centerline of Crown Ave.
with the southwestern bdy. of Tract 24072.⁵⁷

Reestablishment of the Surveys^{5,6} Executed by
John Goldsworthy, Deputy Surveyor, in 1875
and Lewis H. Cutting, Deputy Surveyor, in 1896.

N. 89°36'28" W., beginning new measurement

395.05 Intersect centerline of Crown Avenue as shown on Tract No. 24072,
recorded on 621-MR-68.⁵⁷

Dependent Resurvey of a Portion of the North Boundary,
T. 1 N., R. 12 W., San Bernardino Meridian, California

Feet

An informative traverse of Crown Avenue is described below.

The centerline of Crown Avenue as recorded on Tract No. 24072,⁵⁷ Tract No. 13830,⁵⁷ and Tract No. 16950⁵³ and further depicted on a 2016 unrecorded survey by Psomas⁷⁸ was established by grant boundary adjustment from the following monuments:

From the beginning of a curve to the left and a length of 133.84 ft., monumented with a spike nail, firmly set, 2 ins. below the asphalt surface.

Thence along the centerline of Crown Avenue, northeasterly along said curve to the left, having a radius of 500.10 ft. and a central angle of 15°20'00".

133.84 ft.

End of said curve.

N. 37°57'03" E., 47.08 ft.

Intersect the bdy. of Tract No. 24072⁵⁷ and Tract No. 13830,⁵⁷ monumented with an iron pipe, 2 ins. diam, firmly set, 2 ins. below the asphalt surface, at the intersection with the bdy. of and also shown on Tract No. 16950.⁵³

N. 37°57'03" E., 60.13 ft.

At 0.74 ft., intersect the N bdy. of the Tp. at a point from which the 1/4 sec. cor. of secs. 6 and 31 bears S. 89°36'28" E., 395.05 ft. dist.

At end of course, the beginning of a curve to the right.

Thence northeasterly along said curve having a radius of 200.00 ft. and a central angle of 4°28'26".

15.62 ft.

End of said curve; no evidence of the monument found.

N. 42°25'45" E., 115.24 ft.

End of course, the beginning of a curve to the right, and a length of 25.03 ft.

Thence northeasterly along said curve, having a radius of 340.09 ft. and a central angle of 4°13'00".

Dependent Resurvey of a Portion of the North Boundary,
T. 1 N., R. 12 W., San Bernardino Meridian, California

Feet

At 12.52 ft., the POT of the
aforementioned curve,
monumented with a nail and
shiner, firmly set, flush in
asphalt surface, bent to the
SW, bears N. 44°46'31 W.,
0.23 ft. dist.

25.04 ft.

At end of traverse, intersect
the centerline of Stardust
Road, monumented with a nail
and shiner, firmly set,
2 ins. below surface of
asphalt.

2632.27 Corner of Tps. 1 and 2, N., Rs. 12 and 13 W., hereinbefore
described.

Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 1 N., R. 12 W., San Bernardino Meridian, California.

Reestablishment of the Survey⁵ Executed by
John Goldsworthy, Deputy Surveyor, in 1875.

From the corner for secs. 5, 6, 31, 32, Townships 1 and 2 North,
Range 12 West, hereinbefore described.

S. 0°21'47" E., bet. secs. 5 and 6.

1033.83 Point for the corner of a property described in 10019-OR-322,⁹⁵ is
reestablished at record distance from the section corner using
this deed.

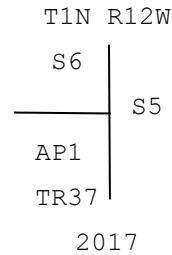
This point now also functions as Angle Point No. 1, Tract 37.

At the corner point

Set FENO monument, 24 ins. long, 5/8 in. diam., 24 ins. in the
ground, with aluminum cap, 2 ins. diam. mkd.

Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 1 N., R. 12 W., San Bernardino Meridian, California

Feet



Corner is located on the edge of a steep NW slope, N of a concrete curb for an asphalt parking lot.

Continue bet. secs. 5 and 6, identical with line 40-1, Tract 37.

1347.70 The SW cor. of Lot 2, Tract No. 3127,²⁴ monumented with an iron pipe, 2 ins. diam., firmly set, flush with the ground, with concrete plug and tag mkd. LS 7230. This cor. was reestablished as shown in 257-RS-44.⁷⁷ This monument is a reestablishment of the SW cor. of Lot 2, Tract No. 3127, as recorded in 35-MR-62.²⁴ This corner is accepted as a careful and faithful reestablishment of the position of the corner.

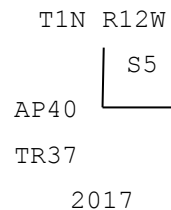
This corner was previously called the N 1/16 cor. of secs. 5 and 6, as recorded in 35-MR-62.²⁴ Morris did not use proper procedure or control to establish this corner and is therefore not accepted as the N 1/16 cor.

This point is also identical to a cor. for the property described in 620-OR-3245.⁸³

This point now also functions as Angle Point No. 40, Tract 37.

At the corner point

Set a stainless steel post, 2 1/2 ins. diam., 28 ins. long, 23 ins. in the ground with a magnet at the base, in a collar of stone, 1.5 ft. diam., to top of bronze cap mkd.



Deposit iron pipe, 24 ins. long, alongside stainless steel post.

Set an aluminum fence post, 7 ft. long, 3 ft. in the ground, S. 35° W., 1.2 ft. dist., with boundary sign and land survey monument sign attached.

Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 1 N., R. 12 W., San Bernardino Meridian, California

Feet

Cor. is located on a steep S. slope amongst sumac and tree tobacco; between two spurs; 8 ft. W. of a drainage channel, 3 ins. wide, course S.

S. 0°21'47" E., beginning new measurement; leave Tract 37 bdy.

30.63 Point for the N 1/16 cor. of secs. 5 and 6, at proportionate distance.

Several other surveys have made efforts to calculate the N 1/16 cor. of secs. 5 and 6, however, they have all the common utilized incorrect controlling corners as they incorrectly terminated the section line on the N bdy. of Altadena Map No. 3 and not on the line of Rancho San Pasqual. All prior positions have therefore been erroneously calculated.

Not monumented.

501.70 Point for an angle point in the S line of the parcel described in 620-OR-3245.⁸³

This point is also identical with the most northwesterly angle point described in 45432-OR-391.⁸²

No evidence of the local monument remains. This point is reestablished using single proportionate method using the survey recorded on 166-MR-42.³⁵

This point identical with the SW cor. of J.F. Mullin's property, as recorded on 5-RS-20.¹³

Not monumented.

571.24 Point for an angle point in the S line of the parcel described in 620-OR-3245.⁸³

This point is also identical with the most southwesterly angle point of the parcel described in 45432-OR-391.⁸²

This point is also identical with and angle point on the northerly bdy. of the parcel described in 22185-OR-85.⁷⁹

No evidence of the local monument remains. This point is reestablished using single proportionate method using the survey recorded on 166-MR-42.³⁵

Not monumented.

1059.00 Intersect a line offset 25 ft. N of and parallel to Flintridge Riding Club bdy. described as Parcel 2 in 22185-OR-85.⁷⁹

Not monumented.

Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 1 N., R. 12 W., San Bernardino Meridian, California

Feet	
1408.96	<p>Point for the 1/4 cor. of secs. 5 and 6. No evidence of the original monument remains.</p> <p>Not monumented.</p>
1811.74	<p>Intersect the northwesterly line of Parcel 2 of a property described in OR-77-1104347.⁸⁸</p> <p>Said point is also the southerly most angle point of the parcel described in 22185-OR-85.⁷⁹</p> <p>Not monumented.</p>
1857.90	<p>Intersect the northwesterly line of Altadena Map No. 3,¹¹ hereinafter described.</p> <p>Not monumented.</p>
1863.81	<p>Point for the closing cor. to fractional secs. 5 and 6, at intersection with line 9, Rancho San Pascual, there is no remaining evidence of the original cor. set per R162-31⁵ or subsequent local remonumentations. This corner was reestablished as the extension of the line from the cor. of secs. 5, 6, 31, and 32, through the proportioned position of the intersection point of the line bet secs. 5 and 6 and Altadena Map No. 3, as depicted on 35-MR-62.²⁴</p> <p>This cor. is not established at record dist. of 118.80 feet from Sta. No. 9, on Line 8-9, Rancho San Pascual. Several local surveyors erroneously interpreted Altadena Map No. 3 as the N line of Rancho San Pascual. CSM-8801³¹ recognized this error, accepted and utilized it to maintain harmony of prior surveys while correctly establishing the closing cor. on the true line of Rancho San Pascual. We have therefore adopted and utilized this same method.</p> <p>Set a brass tablet, 3 1/4 ins. diam., cemented in a drill hole, counter sunk in asphalt pavement with a PK nail at the base, with cap mkd.</p>

T1N R12W

CC

S6 | S5

RO. SP

2017

Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 1 N., R. 12 W., San Bernardino Meridian, California

Feet

Cor. is located on level asphalt surface; NW of a three-story parking garage, SE of a Southern California Edison Power (SCEP) substation.

Subdivision of Fractional Section 6,
T. 1 N., R. 12 W., San Bernardino Meridian, California.

From the 1/4 sec. cor. of secs. 6 and 31, Tps. 1 and 2 N., R. 12 W., hereinbefore described.

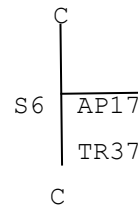
S. $0^{\circ}19'57''$ E., along the N-S center line of fractional sec. 6

1799.49 Point on the N-S center line of fractional sec. 6, identical with a corner for the property described in 620-OR-3245.⁸³

This point now also functions as Angle Point No. 17, Tract 37.

Set stainless steel post, 2 1/2 ins. diam., 28 ins. long, 26 ins. in the ground with a magnet at the base, in a collar of stone, 1.5 ft. diam., to top of bronze cap mkd.

T1N R12W



2017

Set an aluminum fence post, 6 ft. long, 1.5 ft. in the ground, S., 1.5 ft. dist., with boundary sign and land survey monument sign attached.

Cor. is located in a low-lying grassy area, northeasterly of the Gould Canyon Trail, NW of a metal fence post of a chain link fence, fence extends E and S.

From this point an iron pipe, 2 ins. diam., firmly set, 9 ins. below ground, with lead and tag mkd. LS 3109, bears N. $67^{\circ}28'34''$ W., 14.85 ft. dist. This pipe was set as recorded on 755-MR-67,⁵⁹ and is rejected due to improper survey procedures by not tying into the senior deed line of as recorded in 10019-OR-322,⁹⁵ which in turn further extended the blunder created on Tract No. 24072.⁵⁷ This mon. is recognized only as a corner of Lot 93, Tract No. 30362.⁵⁹

Also from this point an iron pipe, 2 ins. diam., firmly set, 10 ins. above ground, with no markings, bears N. $66^{\circ}52'19''$ W.,

Subdivision of Fractional Section 6,
T. 1 N., R. 12 W., San Bernardino Meridian, California

Feet

14.93 ft. dist. This monument was set by an unknown person on an unknown date and does not relate well with nearby corners and therefore not accepted.

1930.13 Intersect the SW line of Lot 12, Tract 10589, recorded in 166-MR-42.³⁵

Point is also an angle point of the property described in a 620-OR-3245.⁸³

Point is also the northwesterly cor. of Parcel 3 described in 24861-OR-135.⁸⁰

Not monumented.

1952.96 Point for the closing cor. of the N-S center line of fractional sec. 6, identical with the southwest corner of Parcel 3 described in 24861-OR-135,⁸⁰ at intersection with line 81, Rancho La Cañada, also identical with the southwesterly cor. of Parcel 3, recorded in 24861-OR-135.⁸⁰

This point now also functions as Angle Point No. 18, Tract 37.

Set FENO spike monument, 24 ins. long, 5/8 in. diam., 25 ins. in the ground, with aluminum cap, 2 ins. diam. mkd.

T1N R12W

C

S6 | AP18
 \ | TR37
 C Lot 1

RO. LC

2017

An aluminum fence post, 4 ft. high, bears N. 29° E., 3.85 ft. dist., with boundary sign and land survey monument sign attached.

Cor. is located on level ground on east side of Gould Canyon Trail, 6 ft. wide, bearing NW and S; 11 ft., E. of a wood fence, 6 ft. tall, bears S. 21° E. and N. 21° W.; 11 ft., W. of a chain link fence, 6 ft. tall, bears S. 24° E and N 24° W.

Retracement of Certain Boundaries,
T. 1 N., R. 12 W., San Bernardino Meridian, California

Feet

Retracement of the Line between Lots 1 and 4,
Rancho La Cañada, recorded on CSM-8801;³¹ of the East Line of
Tract No. 13070, recorded on 265-MR-31;⁴² and Tract No. 13430,
recorded on 274-MR-25.⁴⁵

From Angle Point No. 19, Tract 37, hereinbefore described.

S. 0°13'08" E. on the line between Lots 1 and 4, Map of
Subdivision of Rancho La Cañada.⁹

14.98 An iron pipe, 1 in. diam., firmly set, 18 ins. below ground, with
corroded nail.

This monument was first identified by CS 8801³¹ as "being
evidently set by City Engineer" and was subsequently found and
accepted by the following surveys as evidence of the line between
Lots 1 and 4: Tract No. 10589,³⁵ Tract No. 13070,⁴² Tract No.
13430.⁴⁵

Corner is located on a gentle southerly slope, west of a 6 ft.
tall wood fence, bears NW and SE.

S. 0°13'08" E., beginning new measurement

63.72 Angle Point No. 22, Tract 37, hereinafter described.

567.47 An iron pipe, 2 ins. diam., firmly set, 30 ins. below ground,
shown on the Map of Subdivision of Rancho La Cañada,⁹ described
for informational purposes only.

This monument was set as shown on 265-MR-31.⁴²

This monument was accepted by the following survey: 274-MR-25.⁴⁵

Corner is located on a gentle southerly slope, on the west side
of Gould Canyon Trail.

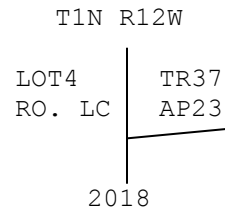
725.91 An iron pipe, 2 ins. diam., firmly set, 4 ins. below ground, with
lead and tag mkd. LS 2580. This monument was set by Charles Ray
Landers, LS 2580 on an unknown date on an unknown survey.

This monument relates well with record information for Parcel 1,
described in 24861-OR-135⁸⁰ and is therefore accepted as the best
available evidence of the position of the corner.

This cor. now also functions Angle Point No. 23, Tract 37.

I add cement and an aluminum cap, 2 ins. diam., mkd.

Retracement of Certain Boundaries,
T. 1 N., R. 12 W., San Bernardino Meridian, California

Feet


Corner is located under a chain link fence extending N. and S.

S. 0°13'08" E., beginning new measurement.

403.79 Cor. common to Tract No. 13070⁴² and Tract No. 13430,⁴⁵ monumented with an iron pipe, 2 ins. diam., firmly set, 2 ins. below ground, mkd. LS 4257.

This monument was set by Noel Anthony Milovic, LS 4257, from an unrecorded survey on an unknown date. This corner relates well with nearby corners and is accepted as a careful and faithful reestablishment of the position established by Neal Garrett, RE 4389, on Tract No. 13070, as recorded on 265-MR-31.⁴²

S. 0°13'08" E., beginning new measurement.

402.94 Point for the northerly line of a 30.00 ft. road as shown on FM-18268.²⁵

Not monumented.

432.94 Point for the southerly line of a 30.00 ft. road as shown on FM-18268.²⁵

Not monumented.

1868.08 The southeast corner for Lot 1, Tract No. 13070, recorded 265-MR-31,⁴² being on the north line of Michigan Avenue, now known as Foothill Boulevard, monumented with an iron pipe, 2 ins. diam., firmly set, flush with the ground, with nail and tag with visible marks of E 9, the remaining marks were illegible.

This iron pipe was found and referred to as a 2 in. pipe fence post in concrete as shown on Tract No. 13070, recorded on 265-MR-31.⁴² On Tract No. 13070,⁴² Neal Garrett stated he cut pipe fence post and set nail and tag inside.

Corner is located on level ground, on the north side of Michigan Avenue, now known as Foothill Boulevard, SW of a fence corner for a 6 ft. tall chain link fence, extending N.

Retracement of Certain Boundaries,
T. 1 N., R. 12 W., San Bernardino Meridian, California

Feet

From this point an iron pipe, 4 ins. diam., bears
S. 65°26'16" E., 0.31 ft. dist. This pipe was set by an unknown
person from an unknown record and is shown for informational
purposes only.

S. 0°13'08" E., beginning new measurement.

37.80 Point for the corner common to Lots 1, 2, 3 and 4, Map of
Subdivision of Rancho La Cañada, as recorded on 4-MR-351,⁹
monumented with spike and washer, firmly set, flush with the
asphalt surface, mkd. CSD LS 7709.

This spike and washer was set by Mark Winn, LS 7709, as recorded
in 1823-PWFB-1867⁷³ and is accepted as a careful and faithful
perpetuation of the position of the corner established in 1881 by
E.T. Wright, LS 16, County Surveyor.⁹

This position has been accepted as the corner by the following
surveys: Tract 13070,⁴² Tract 10589,³⁵ CS 7723,¹⁸ CS 8801-1,³¹
FM-18268,²⁵ CS 8938-1,³⁴ CS 8938-2,³⁶ Tract 30362,⁵⁹ Parcel Map No.
61169,⁷⁵ 2016 unrecorded Survey by Psomas.⁷⁸

Retracement of a Portion of the Northwest Line
Shown on Altadena Map No. 3, Recorded on 52-MR-50.¹¹

From Station No. 8, Rancho San Pascual, identical with the cor.
common to Lots 34 and 35, Altadena Map No. 3.¹¹

S. 84°44'41" W., along the north line of Lot 35, Altadena Map No.
3.¹¹

296.23 Northerly corner of Altadena Map No. 3,¹¹ established by grant
boundary adjustment method, utilizing found cors. Sta. 8 and
Sta. 10, Rancho San Pascual using the record information for the
boundaries of Altadena Map No. 3¹¹ as per CSM-7723.¹⁸

Not monumented.

From this point a spike and washer, bears S. 2°24'44" W.,
0.81 ft. dist. This spike and washer was set from an unknown
record and is shown for informational purposes only.

S. 65°07'31" W., along the northwest line of Lot 35, Altadena Map
No. 3.¹¹

1358.28 Intersect Line 32-33, Tract 37.

Not monumented.

Retracement of Certain Boundaries,
T. 1 N., R. 12 W., San Bernardino Meridian, California

Feet	
1636.93	SW corner of Lot 1, Tract No. 3127, ²⁴ identical with the SE corner of the land recorded on 5-RS-20, ¹³ no evidence of the local monumentation remains, This cor. was originally set by S.B. Morris in the survey of Tract No. 3127, ^{2,4} recorded on 35-MR-62. ²⁴ This cor. is reestablished by single proportionate dist. utilizing record data from Tract No. 3127. ²⁴
	Not monumented.
1752.45	Intersect the line between secs. 5 and 6, Township 1 North, Range 12 West, no evidence of the local monumentation remains. This cor. is reestablished by single proportionate dist. utilizing record data from Tract No. 3127, ²⁴ recorded on 35-MR-62. ²⁴
	This position has been erroneously reported as the closing cor. on Line 8-9, Rancho San Pascual, beginning with a survey by E.T. Wright, recorded on 2-RS-9. ¹⁴ Subsequent surveys perpetuated this error until it was recognized by J.E. Rockhold recorded on CSM-8801, ³¹ hereinbefore described.
	Not monumented.
1871.38	Point for Sta. 9, Rancho San Pascual, identical with Sta. 81, Rancho La Cañada.

Retracement of a Portion of the Parcel Recorded on 35-MR-62;²⁴
and a Portion of the Parcel Recorded on 257-RS-44;⁷⁷
and Retracement of a Portion of the Lines of Tract No. 10589,³⁵
and of the Eastern Boundary of Parcel 1.⁸⁸

Note: 5-RS-20¹³ was the first survey of the following lines, however, no evidence was found or mentioned in subsequent surveys, therefore Tract 3127 recorded on 35-MR-62,²⁴ is the basis for all subsequent surveys. Additionally, portions of the three parcels described in OR-77-1104347⁸⁸ follow portions of the subsequent lines. Retracement of portions of Tract 10589³⁵ rely on the surveys recorded on 247-RS-88⁷⁶ and 257-RS-44.⁷⁷

To calculate the following lines, the south boundary of Lot 2, Tract 3127²⁴, was calculated first by projecting the line from Angle Point No. 40, Tract 37, hereinbefore described, through a "copper and lead" on top of a boulder hereinafter described, and extending this line record distance from said copper and lead to a point on the west boundary of Lot 1, Tract 3127²⁴ and then using grant boundary method to adjust the lines from the southwest corner of Lot 1, Tract 3127,²⁴ hereinbefore described to said aforementioned point on the west boundary of Lot 1, Tract 3127.²⁴

Beginning at the SW corner of Lot 1, Tract 3127,²⁴ identical with the SE corner of the land recorded on 5-RS-20.¹³

Retracement of Certain Boundaries,
T. 1 N., R. 12 W., San Bernardino Meridian, California

Feet

N. 48°12'31" E., along the west line of Lot 1, Tract 3127²⁴ and being a portion of lines surveyed in 247-RS-88⁷⁶ and 257-RS-44.⁷⁷

692.70 Point for a corner common to parcels 1 and 2 of OR-77-1104347,⁸⁸ at record distance from the northeast corner of Parcel 2, described in Record OR-77-1104347.⁸⁸ This position is erroneously called for at the intersection of the line bet. lots 5 and 6, sec. 5, T. 1 N., R. 12 W.

Thence along the line between Parcels 1 and 2, described in OR-77-1104347,⁸⁸ and continuing along the westerly line of Tract No. 3127.²⁴

861.70 Point for the northeast corner of Parcel 2, described in Record OR-77-1104347,⁸⁸ no evidence of the local monument remains.

This point now functions as Angle Point No. 34, Tract 37, hereinafter described.

N. 23°59'31" E., continuing along the west bdy. of Lot 1, Tract 3127²⁴ and the easterly bdy. of Parcel 1 described in OR-77-1104347.⁸⁸

165.56 An iron pipe, 2 ins. diam., firmly set, 1 in. below ground, mkd. LS 7230. This monument was set by John D. Chiappe, LS 7230, as recorded on 247-RS-88,⁷⁶ and is shown for informational purposes only.

743.61 A lead and tack, firmly set, flush with the concrete surface, mkd. LS 7230. This monument was set by John D. Chiappe, LS 7230, as recorded on 247-RS-88,⁷⁶ and is shown for informational purposes only.

842.25 Cor. on the west bdy. of Lot 1, Tract 3127,²⁴ monumented with an iron pipe, 2 ins. diam., firmly set, flush with the ground, with nail and tag mkd. LS 7230.

This iron pipe was set by John D. Chiappe, LS 7230, as shown on 247-RS-88,⁷⁶ and is accepted as a careful and faithful reestablishment of the position of the corner.

This point now also functions as Angle Point No. 35, Tract 37, hereinafter described.

Cor. is located on the W bank of the Arroyo Seco, among Sycamore, Alder and Sumac trees.

N. 18°01'31" E., continuing along the west bdy. of Lot 1, Tract 3127,²⁴ and the eastern bdy. of parcel 1 described in OR-77-1104347.⁸⁸ Also beginning a portion of lines as shown on Tract 10589.³⁵

Retracement of Certain Boundaries,
T. 1 N., R. 12 W., San Bernardino Meridian, California

Feet

146.54 Point for an angle point in the west line of Lot 1, Tract No. 3127;²⁴ no evidence of the local monument remains.

This point now functions as Angle Point No. 36, Tract 37, hereinafter described.

N. 7°37'31" E., continuing along the west bdy. of Lot 1, Tract 3127,²⁴ and the eastern bdy. of parcel 1 described in OR-77-1104347.⁸⁸

67.08 True point for the NE corner of Parcel 1, recorded in OR-77-1104347,⁸⁸ established along the west line of Lot 1, Tract 3127,²⁴ at the intersection of with a line offset, 225.00 ft. south of and parallel to the south line of Lot 2, Tract 3127;²⁴ no evidence of the local monument remains.

This point now functions as Angle Point No. 37, Tract 37.

Point not monumented, falls in the Arroyo Seco.

Leaving Parcel 1 and continuing along the west bdy. of Lot 1, Tract 3127.²⁴

279.87 To an angle point in the west bdy. of Lot 1, Tract 3127;²⁴ no evidence of local monuments remain. Point falls in Arroyo Seco.

Not monumented.

N. 24°19'29" W., along the west bdy. of Lot 1, Tract 3127,²⁴ and along the line surveyed in 247-RS-88⁷⁶ and 257-RS-44.⁷⁷

14.87 To an angle point in the west bdy. of Lot 1, Tract 3127;²⁴ no evidence of local monuments remain. This point was calculated on line from Angle Point No. 40, Tract 37, through the next described point and at record distance from said next described point, using record data from Tract 3127.²⁴ Point falls in Arroyo Seco.

Not monumented.

N. 88°17'11" W., along the west bdy. of Lot 1, Tract 3127,²⁴ also being the extension of the S bdy. of Lot 2, Tract 3127,²⁴ and along the line surveyed in Tract 10589³⁵ and 257-RS-44.⁷⁷

14.91 Point on the south bdy. of Lot 1, Tract 3127,²⁴ monumented with a nail in a lead plug, firmly set, on top of a boulder.

This monument was set by S.B. Morris, RE 50, as recorded on 35-MR-62,²⁴ and was erroneously referred to as being on the S line

Retracement of Certain Boundaries,
T. 1 N., R. 12 W., San Bernardino Meridian, California

Feet

of Government Lot 4, Sec. 5, T1N, R12W. Morris did not use proper procedure or control to establish this line and it is therefore not accepted as being on the S line of Lot 4, sec. 5.

This corner was accepted as being on the S line of Lot 1, Tract 3127²⁴ by the following surveys: Tract 10589,³⁵ CSM-8938,³⁴ 257-RS-44,⁷⁷ and 247-RS-88.⁷⁶

N. 88°17'11" W., beginning new measurement.

15.09 Point on the south line of Lot 1, Tract 3127,²⁴ no evidence of local monuments remain. This point was established at record distance from the previously described point, as recorded in Tract No. 10589³⁵ and CSM-8938.³⁴

Not monumented.

123.10 Point for the southeast corner of Lot 2, Tract No. 3127;²⁴ I find an iron pipe, 2 ins. diam., rusted and lying down hill. I therefore establish this point using record distance from the nail and lead plug using record information from Tract No. 3127.²⁴

Not monumented.

375.46 The northeast cor. of Parcel 3, recorded in OR-77-1104347.⁸⁸

This point now also functions as Angle Point No. 39, Tract 37, hereinafter described.

N. 88°17'11" W., beginning new measurement.

10.08 Point for the NW cor. of Parcel 3, recorded on OR-77-1104347,⁸⁸ established at record dist. from The northeast cor. of Parcel 3, recorded in OR-77-1104347.⁸⁸ This point is also described in the legal description of record 2872-CPO-1-91.⁹⁶

Not monumented.

324.99 An iron pipe, 2 ins. diam., firmly set, 10 ins. above ground, mkd. LS 7230. This monument was set by John D. Chiappe, LS 7230, as recorded on 257-RS-44,⁷⁷ and is shown for informational purposes only.

373.07 At a point S. 1°42'49" W., 11.11 ft. distant from a brass disc, 3 ins. diam., firmly set, flush in the ground, mkd. LOS ANGELES COUNTY FLOOD DISTRICT JPL 1. This monument is from an unknown record set on an unknown date and is shown for informational purposes only.

439.64 An iron pipe, 2 ins. diam., firmly set, 4 ins. above ground, mkd. LS 7230. This monument was set by John D. Chiappe, LS 7230, as

Retracement of Certain Boundaries,
T. 1 N., R. 12 W., San Bernardino Meridian, California

Feet

recorded on 257-RS-44⁷⁷ and is shown for informational purposes only.

600.22 An iron pipe, 2 ins. diam., firmly set, 2 ins. above ground, mkd. LS 7230. This monument was set by John D. Chiappe, LS 7230, as recorded on 257-RS-44⁷⁷ and is shown for informational purposes only.

787.97 Angle Point No. 40, Tract 37, hereinbefore described.

Retracement of a Portion of Arroyo Addition No. 2,
described in 2872-CPO-1-91;⁹⁶ and of a Portion of West Line of the
Property described OR-77-1104347.⁸⁸

Note: These lines are being described since a portion of these lines affect and control a portion of the boundary of Tract 37, specifically line 38-39, Tract 37 which runs parallel to the last course described in this portion of notes. These lines are calculated using grant boundary method beginning at Sta. 9, Rancho San Pascual, identical with Sta. 81, Rancho La Cañada and terminating at a point on the S bdy. of Lot 2, Tract 3127,²⁴ at record dist. from Angle Point No. 39, Tract 37, and record distance from the southeast cor. of Lot 2, Tract 3127,²⁴ said point being the NW cor. of Parcel 3.⁸⁸

A portion of these lines are also described in 22185-OR-85.⁷⁹

Beginning at Sta. 9, Rancho San Pascual, identical with Sta. 81, Rancho La Cañada.

N. 48°12'31" E., along a portion of the westerly line of Arroyo Addition No. 2,⁹⁶ identical with the westerly line Parcel 2,⁸⁸ and the easterly bdy. of Tract 1.⁷⁹

144.32 Intersect the line between secs. 5 and 6.

839.43 Point for the cor. of Parcels 1 and 2.⁸⁸ The deed erroneously calls this point at the intersection of government lots 5 and 6, sec. 5, T. 1 N., R. 12 W.

Not monumented.

Thence along the W bdy. of Parcel 1, described in OR-77-1104347.⁸⁸

1024.23 To an angle point in the westerly line of Arroyo Addition No. 2,⁹⁶ and the easterly bdy. of Tract 1.⁷⁹

Not monumented.

Retracement of Certain Boundaries,
T. 1 N., R. 12 W., San Bernardino Meridian, California

Feet

N. 23°59'31" E., continuing along a portion of the westerly line of Arroyo Addition No. 2,⁹⁶ identical with the W. bdy. of Parcel 1,⁸⁸ and the easterly bdy. of Tract 1.⁷⁹

462.08 To an angle point in the westerly line of Arroyo Addition No. 2,⁹⁶ and Parcel 1,⁸⁸ and the easterly bdy. of Tract 1.⁷⁹

Not monumented.

N. 5°41'58" W., continuing along a portion of the westerly line of Arroyo Addition No. 2,⁹⁶ identical with the W. bdy. of Parcel 1.⁸⁸

245.36 Intersect a southerly line of Lot 12, Tract 10589,³⁵ and the easterly bdy. of Tract 1.⁷⁹

Leave the bdy. of Tract 1.⁷⁹

556.86 Point for the NW cor. of Parcel 1.⁸⁸

Not monumented.

783.77 Point for the NW corner Parcel 3.⁸⁸

Not monumented.

Retracement of a portion of the property described in 10019-OR-322;⁹⁵ a portion of the land described in 620-OR-3245;⁸³ and a portion of Arroyo Addition No. 2, described in 2872-CPO-1-91.⁹⁶

Note: 10019-OR-322⁹⁵ is illegible in some portions. For the portions we were unable to read, we utilized 2872-CPO-1-91.⁹⁶ Record 620-OR-3245⁸³ does not match 10019-OR-322.⁹⁵ Record 620-OR-3245⁸³ utilizes CSM-B745-3,³⁹ which does not agree with 10019-OR-322,⁹⁵ or the legal description in 2872-CPO-1-91,⁹⁶ both of which are senior to 620-OR-3245.⁸³

Note: The southwesterly boundary of the property described in Record 10019-OR-322⁹⁵ is calculated by grant boundary method. A portion of said boundary now also functions as a portion of the boundary of Tract 37 from Angle Point No. 2 through Angle Point No. 12, hereinafter described. The grant boundary is calculated beginning at Angle Point No. 1, hereinbefore described, and a point on the north line of Sec. 6 calculated at the deed dist. of 1670.20 ft. from the corner common of Sec. 5, 6, 31 and 32, as described in the Deed to the City of Pasadena, recorded 10019-OR-322.⁹⁵

From Angle Point No 1, Tract 37, hereinbefore described.

Retracement of Certain Boundaries,
T. 1 N., R. 12 W., San Bernardino Meridian, California

Feet

S. 82°10'02" W. along a portion of the southwesterly line as recorded in 10019-OR-322,⁹⁵ identical with a portion of the Arroyo Addition No. 2,⁹⁶ also identical and a portion of the northerly bdy. as recorded in 620-OR-3245⁸³ (L1).

160.03 Point for a cor. on the southwesterly line of a property described in 10019-OR-322,⁹⁵ also being identical with an angle point in the northerly line of a property described in 620-OR-3245.⁸³

This point now also functions as Angle Point No. 2, Tract 37, hereinafter described.

N. 73°46'29" W., beginning new measurement (L2).

61.34 Point for a cor. on the southwesterly line of a property described in 10019-OR-322.⁹⁵

This point now also functions as Angle Point No. 3, Tract 37, hereinafter described.

S. 73°36'17" W., beginning new measurement (L3).

72.25 Point for a cor. on the southwesterly line of a property described in 10019-OR-322.⁹⁵

This point now also functions as Angle Point No. 4, Tract 37, hereinafter described.

N. 54°24'58" W., beginning new measurement (L4).

100.02 Point for a cor. on the southwesterly line of a property described in 10019-OR-322.⁹⁵

This point now also functions as Angle Point No. 5, Tract 37, hereinafter described.

N. 73°54'58" W., beginning new measurement (L5).

70.01 Point for a cor. on the southwesterly line of a property described in 10019-OR-322.⁹⁵

This point now also functions as Angle Point No. 6, Tract 37, hereinafter described.

N. 68°05'58" W., beginning new measurement (L6).

Retracement of Certain Boundaries,
T. 1 N., R. 12 W., San Bernardino Meridian, California

Feet

- 100.02 Point for a cor. on the southwesterly line of a property
described in 10019-OR-322.⁹⁵
- This point now also functions as Angle Point No. 7, Tract 37,
hereinafter described.
-
- N. 65°39'58" W., beginning new measurement (L7).
- 119.02 Point for a cor. on the southwesterly line of a property
described in 10019-OR-322.⁹⁵
- This point now also functions as Angle Point No. 8, Tract 37,
hereinafter described.
-
- N. 5°57'22" W., beginning new measurement (L8).
- 140.30 Point for a cor. on the southwesterly line of a property
described in 10019-OR-322.⁹⁵
- This point now also functions as Angle Point No. 9, Tract 37,
hereinafter described.
-
- N. 83°05'11" W., beginning new measurement (L9).
- 145.98 Point for a cor. on the southwesterly line of a property
described in 10019-OR-322.⁹⁵
- This point now also functions as Angle Point No. 10, Tract 37,
hereinafter described.
-
- S. 78°29'52" W., beginning new measurement (L10).
- 199.91 Point for a cor. on the southwesterly line of a property
described in 10019-OR-322.⁹⁵
- This point now also functions as Angle Point No. 11, Tract 37,
hereinafter described.
-
- N. 51°44'31" W., beginning new measurement (L11).
- 48.53 Point for a cor. on the southwesterly line of a property
described in 10019-OR-322,⁹⁵ also identical with a cor. described
in D3110-OR-286.¹⁰⁰
- This point now also functions as Angle Point No. 12, Tract 37,
hereinafter described.
-

Retracement of Certain Boundaries,
T. 1 N., R. 12 W., San Bernardino Meridian, California

Feet

Note: Tract No. 24072, recorded in 621-MR-68⁵⁷ and Tract No. 30362 recorded in 755-MR-67⁵⁹ were intended to adjoin the property described in 10019-OR-322,⁹⁵ however when Tract No. 24072 was created it was not tied into the property recorded in 10019-OR-322.⁹⁵ This created a blunder in the course shown as N. 61°28'40" E., but recorded as N. 69°28'40" E. in 10019-OR-322.⁹⁵ Tract No. 30362 further perpetuated the error by only tying into Tract No. 24072 and not tying into 10019-OR-322⁹⁵ as well. Record D3110-OR-286¹⁰⁰ is the paired Deed to Tract 30362 and calls out the adjoining property recorded in 10019-OR-322.⁹⁵ Therefore, there is no conflict within the two deeds, only the courses and distances will vary due to the blunder. The following described courses are affected by this blunder.

N. 8°50'05" W., leave the Tract 37 boundary and a portion of the northerly bdy. of the parcel described in 620-OR-3245;⁸³ continue along a portion of the property as recorded in 10019-OR-322,⁹⁵ identical with a portion of the line of Arroyo Addition No. 2,⁹⁶ and beginning a portion of the line recorded in D3110-OR-286¹⁰⁰ (TL12).

134.04 Point for a cor. on the west line recorded in 10019-OR-322.⁹⁵

Not monumented.

N. 40°07'13" E., beginning new measurement (TL13).

180.76 Point for a cor. on the westerly line recorded in 10019-OR-322.⁹⁵

Not monumented.

From this point an iron pipe, 2 ins. diam., with lead and tag mkd. LS 3109 bears N. 30° W., 8.5 ft. dist. This pipe was set as recorded on 755-MR-67,⁵⁹ and is rejected due to improper survey procedures by not tying into the senior deed line recorded in 10019-OR-322,⁹⁵ which in turn further extended the blunder created on Tract No. 24072.⁵⁷

N. 63°54'06" W., beginning new measurement (TL14).

28.90 Point for a cor. on the westerly line recorded in 10019-OR-322.⁹⁵

Not monumented.

S. 57°56'12" W., beginning new measurement (TL15).

164.86 Point for a cor. on the westerly line recorded in 10019-OR-322.⁹⁵

Not monumented.

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Feet

N. 48°44'15" W., beginning new measurement (TL16).

132.83 To an angle point in the westerly line recorded in 10019-OR-322.⁹⁵

S. 46°14'04" W., beginning new measurement (TL17).

213.66 Point for a cor. on the westerly line recorded in 10019-OR-322.⁹⁵

Not monumented.

From this point an iron pipe, 2 ins. diam., with lead and tag mkd. LS 3109, bears N. 30° W., 8.7 ft. dist. This pipe was set as recorded on 755-MR-67,⁵⁹ and is rejected due to improper survey procedures by not tying into the senior deed line recorded in 10019-OR-322,⁹⁵ which in turn further extended the blunder created on Tract No. 24072.⁵⁷

N. 29°12'08" W., beginning new measurement (TL18).

139.70 Point for a cor. on the westerly line recorded in 10019-OR-322.⁹⁵

Not monumented.

N. 4°38'52" E., beginning new measurement (TL19).

98.09 Leave that portion of the parcel described in D3110-OR-286.¹⁰⁰

205.05 Point for a cor. on the westerly line recorded in 10019-OR-322.⁹⁵

Not monumented.

N. 31°31'06" E., beginning new measurement (TL20).

78.02 Point for a cor. on the westerly line recorded in 10019-OR-322.⁹⁵

Not monumented.

S. 69°29'42" W., beginning new measurement (TL21).

This is where the course error of N. 61°28'40" E. from Tract No. 24072⁵⁷ occurs.

61.49 Point for a cor. on the westerly line recorded in 10019-OR-322.⁹⁵

Not monumented.

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Feet

N. 20°30'23" W., beginning new measurement (TL22).

152.81 Point for a cor. on the westerly line recorded in 10019-OR-322.⁹⁵

Not monumented.

From this point an iron pipe, 2 ins. diam., with lead and tag mkd. LS 2938 bears S. 39° W., 0.9 ft. dist. This pipe was set as recorded on 621-MR-68,⁵⁷ and does not relate well with nearby corners and is therefore not accepted.

N. 12°21'42" E., beginning new measurement (TL23).

58.01 Point for a cor. on the westerly line recorded in 10019-OR-322.⁹⁵

Not monumented.

From this point an iron pipe, 2 ins. diam., with lead and tag mkd. LS 2938 bears S. 45° W., 0.9 ft. dist. This pipe was set as recorded on 621-MR-68⁵⁷ and does not relate well with nearby corners and is therefore not accepted.

N. 86°02'18" W., beginning new measurement (TL24).

34.01 Point for a cor. on the westerly line recorded in 10019-OR-322.⁹⁵

Not monumented.

S. 29°27'27" W., beginning new measurement (TL25).

125.02 Point for a cor. on the westerly line recorded in 10019-OR-322.⁹⁵

Not monumented.

From this point an iron pipe, 2 ins. diam., with a lead and tag mkd. LS 2938, bears S. 52° W., 0.8 ft. dist. This pipe was set as recorded on 621-MR-68⁵⁷ and does not relate well with nearby corners and is therefore not accepted.

S. 84°52'55" W., beginning new measurement (TL26).

102.25 Point for a cor. on the westerly line recorded in 10019-OR-322.⁹⁵

Not monumented.

N. 22°34'03" W., beginning new measurement (TL27).

55.01 Point for a cor. on the westerly line recorded in 10019-OR-322.⁹⁵

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Feet

Not monumented.

N. 3°23'37" E., beginning new measurement (TL28).

87.15 Point of intersection of the westerly line of the property described in 10019-OR-322,⁹⁵ with the north bdy. of the Tp., established at record distance from the cor. of secs. 5, 6, 31 and 32, Tps. 1 and 2 N., R. 13 W., hereinbefore described.

Retracement of a Portion of the Parcel Described
in 620-OR-3245;⁸³ and of a Portion of Lot 12, Tract No. 10589,
recorded on 166-MR-42.³⁵

Note: The following portion of lines described establish the control for and a portion of the lines of Tract 37.

The first three courses are determined by grant boundary method from the cor. on the west bdy. of Lot 1, Tract 3127,²⁴ now also functioning as Angle Point No. 35, Tract 37, hereinafter described, to a point on the line bet. secs. 5 and 6 at a distance of 1849.39 ft. southerly from the cor. of secs. 5, 6, 31, and 32, hereinbefore described.

The next two courses are determined by grant boundary method from a point on the line bet. secs. 5 and 6 at a distance of 1918.94 ft. southerly from the cor. of secs. 5, 6, 31, and 32, hereinbefore described to a point determined by single proportionate method on line 81-82, Rancho La Cañada, hereinbefore described.

The next course is determined on a line that is offset 20 ft. from Line 81-82, Rancho La Cañada and at the intersection with the preceding line at record distance.

The last five courses are determined by grant boundary method from the end of said previous line through to a cor. on the southwesterly line of a property described in 10019-OR-322,⁹⁵ also identical with a cor. described in D3110-OR-286,¹⁰⁰ hereinbefore described, that now functions as Angle Point No. 12, Tract 37, hereinafter described.

From the cor. on the west bdy. of Lot 1, Tract 3127,²⁴ now also functioning as Angle Point No. 35, Tract 37, hereinafter described.

S. 66°05'25" W. along the southerly line of Lot 12, Tract 10589, shown on 166-MR-42.³⁵

Retracement of Certain Boundaries,
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Feet

34.71 Point for a cor. on the southerly line of Lot 12, Tract 10589;³⁵
no evidence of the local monumentation remains.

Not monumented.

S. 71°35'55" W., beginning new measurement.

251.58 Intersect the W bdy. of Parcel 1, described in OR-77-1104347,⁸⁸
identical with a line of Arroyo Addition No. 2,⁹⁶ identical with
the Point of Beginning for the parcel described in 620-OR-3245,⁸³
also identical with the northeast corner of Tract 1, described in
22185-OR-85.⁷⁹

Not monumented.

559.26 Point for a cor. on the southerly line of Lot 12, Tract 10589;³⁵
no evidence of the local monumentation remains.

Not monumented.

N. 73°55'20" W., continue along the southerly line of Lot 12,
Tract 10589,³⁵ identical with a portion of the bdy. described in
45432-OR-391,⁸² and excepted from the parcel described in
22185-OR-85,⁷⁹ beginning new measurement.

557.71 Point for a cor. on the south line of Lot 12, Tract 10589,³⁵ at
intersection with the line between secs. 5 and 6, from which
Angle Point No. 40, Tract 37, hereinbefore described, bears
N. 0°21'47" W., 501.70 ft. dist. No evidence of the local
monumentation remains.

Not monumented.

S. 0°21'47" E., between secs. 5 and 6, identical with an easterly
line of Lot 12, Tract 10589,³⁵ beginning new measurement.

69.54 Point for a cor. on the southerly line of Lot 12, Tract 10589,³⁵
from which Angle Point No. 40, Tract 37, hereinbefore described,
bears N. 0°21'47" W., 571.24 ft. dist.; no evidence of the local
monumentation remains.

Not monumented.

N. 81°59'15" W., along a southerly line of Lot 12, Tract 10589,³⁵
beginning new measurement.

Leave that portion of the parcel described in 45432-OR-391,⁸² and
continue along the parcel described in 22185-OR-85.⁷⁹

Retracement of Certain Boundaries,
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Feet	
519.13	<p>Point for a cor. on the southerly line of Lot 12, Tract 10589;³⁵ no evidence of the monument remains.</p> <p>Not monumented.</p> <hr/> <p>S. 66°57'55" W., beginning new measurement.</p>
781.48	<p>Northwest cor. of the parcel described as Tract 1 in 22185-OR-85.⁷⁹</p> <p>Leave that portion of the parcel described in 22185-OR-85⁷⁹ and continue along the south line of Lot 12, Tract 10589.³⁵</p>
1303.54	<p>Point for a cor. on the southerly line of Lot 12, Tract 10589,³⁵ said point is offset 20.00 ft. dist. from Line 81-82, Rancho La Cañada²; no evidence of the local monumentation remains.</p> <p>This point is also the northeasterly cor. of Parcel 3, described 24861-OR-135.⁸⁰</p> <p>Not monumented.</p> <p>From this point, the intersection point of an extension of the southerly line of Lot 12, Tract 10589³⁵ with line 81-82, Rancho La Cañada,² hereinbefore described, bears S. 66°57'55" W., 25.55 ft. dist.</p> <hr/> <p>N. 61°30'27" W., along the southerly line of Lot 12, Tract 10589³⁵, said line being offset 20 ft. dist. and parallel to line 81-82, Rancho La Cañada. Also continuing along the northerly bdy. of Parcel 3, of the parcel described in 24861-OR-135,⁸⁰ beginning new measurement.</p>
836.40	<p>Intersect the N and S centerline of sec. 6, identical with line 17-18, Tract 37, from which Angle Point No. 18, Tract 37, hereinbefore described, bears S. 0°19'57" E., 22.83 ft. dist.</p> <p>Thence along the southerly segment of the excepted portion of the parcel described in 620-OR-3245.⁸³</p>
1168.82	<p>Point for a cor. at record distance on the southerly line of Lot 12, Tract 10589³⁵ according to 620-OR-3245.⁸³ Record 620-OR-3245⁸³ also describes this point as being 330.00 feet dist. southeasterly of the southeast corner of Lot 10, Tract 13830,⁵² however the measured dist. is 340.00 ft. This is an error in the deed and I therefore, disregard the tie dist. to the southeast cor. of Lot 10, Tract 13830.⁵²</p> <p>Not monumented.</p> <hr/>

Retracement of Certain Boundaries,
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Feet	
	S. 84°31'19" E., along the northerly segment of the excepted portion of the parcel described in 620-OR-3245. ⁸³
292.74	Angle Point No. 17, Tract 37, at intersection with the N-S center line of fractional sec. 6, hereinbefore described. Leave the excepted portion and resume along the northerly boundary of the parcel described in 620-OR-3245. ⁸³
540.07	Point on the northerly line of the parcel described in 620-OR-3245. ⁸³ This point now also functions as Angle Point No. 16, Tract 37, hereinafter described.

	N. 50°28'41" E., beginning new measurement.
670.08	Point on the northerly line described in 620-OR-3245. ⁸³ This point now also functions as Angle Point No. 15, Tract 37, hereinafter described.

	N. 48°28'41" E., beginning new measurement.
290.04	Point on the northerly line described in 620-OR-3245. ⁸³ This point now also functions as Angle Point No. 14, Tract 37, hereinafter described.

	N. 21°28'41" E., beginning new measurement.
354.04	Point on the northerly line described in 620-OR-3245. ⁸³ This point now also functions as Angle Point No. 13, Tract 37, hereinafter described.

	N. 63°00'29" E., beginning new measurement.
195.57	Intersect the southwesterly boundary of the right-of-way easement for ingress and egress to JPL, as recorded in D3281-OR-81. ⁸⁶ This deed contains a deficiency in that the line surveyed and described as "the Northwesterly boundary of the land described in the Declaration of Taking filed June 16, 1960, and recorded June 20, 1960, as Instrument No. 3245 in Book D-884 Page 004 Official records of said county" is not coincident with the true line. Additionally the description of the easement has the last course being a curve that terminates on the line. In order to fulfill the intent of the deed to the line described in the Declaration

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Feet

of Taking and the statements of shortening of lengthening the lines to terminate on the necessary lines, I continue the easement on a line tangent to the curve and terminate said southwesterly line of the easement at this point. The remainder of the easement is also depicted on 755-MR-67.⁵⁹ However, this map has erroneous data for the westerly boundary of the right-of-way easement as this line is supposed to be parallel and offset 40 ft. from the Northeasterly line, with agrees with the legal description.

From this point the original terminating point as located on the southerly boundary of Lot 94, Tract 30362, bears N. 26°58'58" W., 8.57 ft. dist.; no evidence of the local monument found.

235.58 Intersect the northeasterly boundary of the right-of-way easement for ingress and egress to JPL, as recorded in D3281-OR-81.⁸⁶

From this point the original terminating point as located on the southerly boundary, being the southerly corner of Lots 68 and 94, Tract 30362, bears N. 26°58'58" W., 8.54 ft. dist., monumented with an iron pipe, 3/4 in. diam., firmly set, badly rusted, 6 ins. below ground, with brass tag, marks illegible. This monument was set as depicted on 755-MR-67.⁵⁹

341.00 The cor. on the southwesterly line of a property described in 10019-OR-322,⁹⁵ also identical with a cor. described in D3110-OR-286¹⁰⁰ and in 620-OR-3245⁸³ that now functions as Angle Point No. 12, Tract 37, hereinafter described.

Retracement of the Northerly Right-of-Way of Foothill Boulevard,
formerly Michigan Avenue, as shown on 4-MR-351⁹ and 125-RS-11.⁶⁷

From the intersection of the northerly right-of-way of Foothill Boulevard, formerly known as Michigan Avenue, with Line 10-11, Rancho San Pascual identical with Line 79-80, Rancho La Cañada.²

N. 61°01'15" W., along the northerly right-of-way of Foothill Boulevard.

1225.56 Intersect the `easterly right-of-way of Oak Grove Drive. This point is described in the following records: 1893-OR-57,⁹⁰ 2300-OR-256,⁹¹ and 125-RS-11.⁶⁷ No local monument found.

1338.60 Intersect the westerly right-of-way of Oak Grove Drive, established by Deed for Oak Grove Drive as recorded in 1893-OR-57.⁹⁰

1522.09 Point for the southeast corner for Lot 1, Tract No. 13070,⁴² hereinbefore described.

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Feet

Retracement of the Former Easterly Right-of-Way
of Oak Grove Drive, located within Lot 1, Map of Subdivisions of
Rancho La Cañada.⁹

The former right-of-way of Oak Grove Drive is only described by the easterly right-of-way with a width of 40 ft. The right-of-way is described in the following documents: 1770-CPO-4-1919,⁸⁹ 1893-OR-57,⁹⁰ the West line of the property to the City of Pasadena, recorded in 2300-OR-256,⁹¹ FM-18268,²⁵ Line 80-81, Rancho La Cañada, identical with Line 9-10, Rancho San Pascual, and a portion of 125-RS-11.⁶⁷

The easterly lines are calculated using grant boundary method beginning at a point on the northerly right-of-way of Foothill Boulevard, formerly known as Michigan Ave hereinbefore described, and terminating at the NW corner of the City of Pasadena property recorded in 2300-OR-256,⁹¹ established at a record distance of 1192.05 ft. from the intersection of the S line of a 30 ft. right-of-way shown on FM-18268,²⁵ and Line 80-81, Rancho La Cañada, identical with Line 9-10, Rancho San Pascual.

Several monuments have been found along this right-of-way and are accepted. I use the bearings and distances calculated in the grant boundary adjustment to confirm the monuments' positions and to maintain tangencies of all lines and curves.

From the point of intersection of the former easterly right-of-way of Oak Grove Drive with the northerly right-of-way of Foothill Boulevard, hereinbefore described, said point being the beginning of a curve to the right.

Thence along said curve to the right with a radius of 50.01 ft. through a central angle of 71°03'00" (EC1).

62.02 End of said curve and the beginning of a line of tangency, on the east right-of-way of Oak Grove Drive, monumented with an iron pipe, 1 in. diam., firmly set, 4 ins. below the surface of the ground, with a brass cap, 1 1/2 ins. diam., mkd. MWD LS5113. This monument was set as recorded on 125-RS-11.⁶⁷

N. 10°00'44" E., beginning new measurement (EL2).

102.20 Beginning of a tangent curve, monumented with an iron pipe, 1 ins. diam., firmly set, on the surface of the ground, with a brass cap, 1 1/2 ins. diam., mkd. MWD LS5113. This monument was set as recorded on 125-RS-11.⁶⁷

Thence along said curve to the right, with a radius of 140.03 ft. through a central angle of 39°35' (EC3).

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Feet

96.74 End of said curve and the beginning of a reverse curve, monumented with an iron pipe, 1 in. diam., firmly set, 10 ins. below the surface of the ground, with a brass cap, 1 1/2 ins. diam., mkd. MWD LS5113. This monument was set as recorded on 125-RS-11.⁶⁷

Thence along said curve to the left, tangent with the last described course, with a radius of 160.04 ft. through a central angle of 20°50'00" (EC4).

58.19 Point for the end of said curve and the beginning of a reverse curve, no monument found.

Not monumented.

Thence along said reverse curve to the right, tangent with the last described course, with a radius of 140.03 ft. through a central angle of 23°30'00" (EC5).

57.43 Point for the end of said curve and the beginning of a reverse curve, no monument found.

Not monumented.

Thence along said reverse curve to the left, tangent with the last described course, with a radius of 120.03 ft. through a central angle of 46°55'00" (EC6).

98.29 End of said curve and the beginning of a line of tangency, monumented with an iron pipe, 1 in. diam., firmly set, 10 ins. below the surface of the ground, with a brass cap, 1 1/2 ins. diam., mkd. MWD LS5113. This monument was set as recorded on 125-RS-11.⁶⁷

N. 5°20'44" E., beginning new measurement (EL7).

34.51 End of said line of tangency and the beginning of a curve to the right, monumented with an iron pipe, 1 in. diam., firmly set, on the surface of the ground, with a brass cap, 1 1/2 ins. diam., mkd. MWD LS5113. This monument was set as recorded on 125-RS-11.⁶⁷

Thence along said curve to the right, tangent with the last described course, with a radius of 270.07 ft. through a central angle of 28°10'00" (EC8).

132.77 Point for the end of said curve and the beginning of a reverse curve, no monument found.

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Feet

Not monumented.

Thence along said reverse curve to the left, tangent with the last described course, with a radius of 270.07 ft. through a central angle of 15°35'00" (EC9).

73.45 Point for the end of said curve and the beginning of a line of tangency, no monument found.

Not monumented.

N. 17°55'44" E., beginning new measurement (EL10).

40.01 Point for the end of said line of tangency and the beginning of a curve to the right, no monument found.

Not monumented.

Thence along said curve to the right, tangent with the last described course, with a radius of 120.03 ft. through a central angle of 40°35'00" (EC11).

85.02 Point for the end of said curve and the beginning of a reverse curve, no monument found.

Not monumented.

Thence along said reverse curve to the left, tangent with the last described course, with a radius of 150.04 ft. through a central angle of 14°55' (EC12).

39.06 Point for the end of said curve and the beginning of a line of tangency, no monument found.

Not monumented.

N. 43°35'44" E., beginning new measurement (EL13).

52.01 Point for the end of said line of tangency and the beginning of a curve to the right, no monument found.

Not monumented.

Thence along said curve to the right, tangent with the last described course, with a radius of 220.05 ft. through a central angle of 14°40'00" (EC14).

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Feet

56.33 Point for the end of said curve and the beginning of a reverse curve, no monument found.

Not monumented.

Thence along said reverse curve to the left, tangent with the last described course, with a radius of 180.04 ft. through a central angle of 64°20'00" (EC15).

202.15 Point for the end of said curve and the beginning of a reverse curve, no monument found.

Not monumented.

Thence along said reverse curve to the right, tangent with the last described course, with a radius of 160.04 ft. through a central angle of 40°25'00" (EC16).

112.89 Point for the end of said curve and the beginning of a line of tangency, no monument found.

Not monumented.

N. 34°20'44" E., beginning new measurement (EL17).

296.07 End of said line of tangency and the beginning of a curve to the left, monumented with an iron pipe, 1 ins. diam., firmly set, on the surface of the ground, with a brass cap, 1 1/2 ins. diam., mkd. MWD LS5113. This monument was set as recorded on 125-RS-11.⁶⁷

Thence along said curve to the left, tangent with the last described course, with a radius of 240.06 ft. and a central angle of 31°30'00" (EC18).

131.98 Point for the end of said curve and the beginning at a line of tangency, no monument found.

Not monumented.

N. 2°50'44" E., beginning new measurement (EL19).

102.28 Point for Angle Point No. 28, Tract 37, at intersection with the southerly right-of-way of a 30.00 ft. road as shown on FM-18268,²⁵ identical with the NW corner of the property recorded in 2300-OR-256,⁹¹ identical with the NW corner of the property recorded on 125-RS-11,⁶⁷ no evidence of the local monumentation

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Feet

remains. This point was established at a record distance 1192.05 ft. from the intersection of the S line of a 30 ft. right-of-way shown on FM-18268,²⁵ and Line 80-81, Rancho La Cañada, identical with Line 9-10, Rancho San Pascual.

Set a stainless steel post, 2 1/2 ins. diam., 28 ins. long, 24 ins. in the ground, with a magnet at the base, with a bronze cap mkd.

T1N R12W

AP28

TR37

Lot 1

RO.LC

2017

Set an aluminum fence post, 7 ft. long, 1.75 ft. in the ground, N. 17° W., 0.9 ft. dist., with boundary sign and land survey monument sign attached.

Cor. is located on level ground under a large drip line of an oak tree; E of the Jet Propulsion Laboratory main entrance sign, W of a gas distribution station, N of the Jet Propulsion Laboratory main entrance gate.

Retracement of a Portion of the Former Westerly Right-of-Way of
Oak Grove Drive, located within Lot 1, Map of Subdivisions of
Rancho La Cañada.⁹

Point of intersection of the southerly right-of-way of a 30.00 ft. wide road, as shown on FM-18268,²⁵ identical with the NW corner of the property recorded in 2300-OR-256,⁹¹ and identical with the NW corner of the property recorded on 125-RS-11,⁶⁷ with the former westerly right-of-way of Oak Grove Drive. This point is determined at a perpendicular offset distance of 40 ft. westerly from the former easterly right-of-way of Oak Grove Drive, hereinbefore described. No evidence of the local monumentation remains.

This point now also functions as Angle Point No. 27, Tract 37, hereinafter described.

S. 2°50'44" W., along former westerly right-of-way of Oak Grove Drive.

77.31

Point of intersection with the westerly boundary of a road right-of-way, 50 ft. wide; identical with the southwest corner of the

Retracement of Certain Boundaries,
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Feet

property described in 24861-OR-135;⁸⁰ also identical with an angle point in the land described in 17513-OR-193,⁹⁷ no evidence of the local monumentation remains, established at record distance from the intersection of the southerly boundary of a roadway, 30 ft. wide, with the former westerly right-of-way of Oak Grove Drive.

The roadway, 50 ft. wide, is described in the following deeds: Parcel 1; 24861-OR-135,⁸⁰ 22185-OR-85,⁷⁹ 17513-OR-193,⁹⁷ and 228-OR-1210;⁸⁵ Tract 11, Parcel A, 40067-OR-272.⁸¹

This point now also functions as Angle Point No. 26, Tract 37, hereinafter described.

100.15 End of course at a point of tangency with a curve to the right.

Not monumented.

Retracement of a Road, 50 ft. Wide, as Described in
Record 24861-OR-135,⁸⁰ also shown on Record CFM-2258.⁴⁴

Note: Portions of the road, 50 ft. wide, are utilized as boundaries in the following indexed deeds: Parcel 1, 24861-OR-135;⁸⁰ 22185-OR-85;⁷⁹ 17513-OR-193;⁹⁷ 228-OR-1210;⁸⁵ and Tract 11, Parcel A, 40067-OR-272.⁸¹

CFM-2258⁴⁴ and 22185-OR-85⁷⁹ do not show the curve data along the 50 ft. roadway.

To calculate the easterly right-of-way of the road, 50 ft. wide, record distances were utilized along the controlling lines of the southerly boundary of a road, 30 ft. wide, as recorded in FM-18268,²⁵ recorded in the Los Angeles County Surveyor's office, and terminating on Line 80-81, Rancho La Cañada, and performed a grant boundary adjustment between these two locations. The westerly right-of-way is then offset 50 ft. westerly and shortened or extended the lines to terminate on the controlling lines.

Easterly Right-of-Way of a Road, 50 ft. Wide.

From a point along the southerly right-of-way of a roadway, 30 ft. wide, N. 89°48'31" E., 10.15 ft. dist. at its point of intersection with the former westerly right-of-way of Oak Grove Drive.

N. 29°18'05" W., along the former easterly right-of-way of a roadway, 50 ft. wide, as shown on CFM-2258.⁴⁴

Retracement of Certain Boundaries,
T. 1 N., R. 12 W., San Bernardino Meridian, California

Feet

- 34.34 Intersect the northerly right-of-way of a roadway, 30 ft. wide, as shown FM-18268.²⁵
- 101.93 Point for the beginning of a tangent curve in the former easterly right-of-way of a roadway, 50 ft. wide, as shown on CFM-2258.⁴⁴
- Not monumented.
-
- Thence along said curve to the right, tangent to the last described course, with a radius of 200.00 ft., through a central angle of 35°19'00".
- 123.28 Point for the end of said curve, beginning of a line of tangency.
- Not monumented.
-
- N. 6°00'55" E., beginning new measurement.
- 287.86 Point for the beginning of a curve.
- Not monumented.
-
- Thence along said curve to the right, tangent to the last described course, with a radius of 200.00 ft., through a central angle of 29°23'38".
- 102.60 Point for the end of said curve, beginning of a line of tangency.
- Not monumented.
-
- N. 35°24'33" E., beginning new measurement.
- 406.34 Point of intersection with line 81, Rancho La Cañada, from which Sta. 81, Rancho La Cañada, bears S. 61°30'27" E., 1318.53 ft dist, hereinbefore described.

Resurvey of the westerly right-of-way of a road, 50 ft. wide.

From the point of intersection with the westerly boundary of a road right-of-way, 50 ft. wide that now also functions as Angle Point No. 26, Tract 37, hereinafter described.

N. 29°18'05" W. along the westerly right-of-way of a roadway, 50 ft. wide, as shown on CFM-2258,⁴⁴ identical with the east line of the property described in 17513-OR-193.⁹⁷

Retracement of Certain Boundaries,
T. 1 N., R. 12 W., San Bernardino Meridian, California

Feet

88.36	Intersect the southerly right-of-way of a road, 30 ft. wide, as shown on FM-18268. ²⁵ Not monumented.
122.69	Intersect the northerly right-of-way of a road, 30 ft. wide, as shown on FM-18268. ²⁵ Not monumented.
162.44	Point for the beginning of a curve. Not monumented.
<hr style="width: 30%; margin: 10px auto;"/>	
	Along said curve to the right, tangent to the last described course, with a radius of 250.00 ft., through a central angle of 35°19'00".
154.10	Point for the end of said curve, beginning of a line of tangency. Not monumented.
<hr style="width: 30%; margin: 10px auto;"/>	
	N. 6°00'55" E., beginning new measurement.
287.86	Point for the beginning of a curve. Not monumented.
<hr style="width: 30%; margin: 10px auto;"/>	
	Along said curve to the right, tangent to the last described course, with a radius of 250.00 ft., through a central angle of 29°23'38".
128.26	Point for the end of said curve, beginning of a line of tangency. Not monumented.
<hr style="width: 30%; margin: 10px auto;"/>	
	N. 35°24'33" E., beginning new measurement.
400.28	Point of intersection with line 81, Rancho La Cañada, from which Sta. 81, Rancho La Cañada, bears S. 61°30'27" E., 1368.90 ft dist, hereinbefore described.

Metes-and-Bounds Survey of Tract 37,
T. 1 N., R. 12 W., San Bernardino Meridian, California

From Angle Point No. 1, Tract 37, hereinbefore described.

Metes-and-Bounds Survey of Tract 37,
T. 1 N., R. 12 W., San Bernardino Meridian, California

Feet

S. $82^{\circ}10'02''$ W., along line 1-2, Tract 37 (L1); lines 1-2 through 11-12, Tract 37 are identical with a portion of the southwesterly line as recorded in 10019-OR-322,⁹⁵ and identical with a portion of the Arroyo Addition No. 2,⁹⁶ also identical with the northerly bdy. of the parcel recorded in 620-OR-3245.⁸³

160.03 Point for Angle Point No. 2, Tract 37, identical with a cor. on the southwesterly line of a property described in 10019-OR-322,⁹⁵ also being identical with an angle point in the northerly line of a property described in 620-OR-3245,⁸³ hereinbefore described.

Set a BP2 copper monument, 1 3/4 ins. long, 1/2 ins. diam., counter sunk in concrete,

T1N R12W

S6



AP2

TR37

2017

Corner is located on a concrete pad for a liquid nitrogen tank, 2 ft. NW of the edge of concrete pad; 1.75 ft. E of the base of a liquid nitrogen tank.

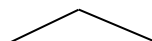
N. $73^{\circ}46'29''$ W., along line 2-3, Tract 37 (L2).

61.34 Point for Angle Point No. 3, Tract 37, identical with a cor. on the southwesterly line of a property described in 10019-OR-322,⁹⁵ hereinbefore described.

Set FENO monument, 24 ins. long, 5/8 in. diam., 22 ins. in the ground, with aluminum cap, 2 ins. diam. mkd.

T1N R12W

S6



AP3

TR37

2017

Corner is located on a steep N facing slope, under a canopy of scrub oak and ceanothus plants.

From this point an iron pipe, 2 ins. diam., firmly set, 8 ins. above ground, with lead and tag mkd. LS 2580, bears S. 14° E., 0.7 ft. dist. This monument was set by Charles Ray Landers,

Metes-and-Bounds Survey of Tract 37,
T. 1 N., R. 12 W., San Bernardino Meridian, California

Feet

LS 2580, on an unknown date on an unrecorded survey. This monument does not relate well with nearby corners and is therefore not accepted.

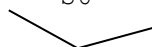
S. 73°36'17" W., along line 3-4, Tract 37 (L3).

72.25 Point for Angle Point No. 4, Tract 37, identical with a cor. on the southwesterly line of a property described in 10019-OR-322,⁹⁵ hereinbefore described.

Set FENO monument, 24 ins. long, 5/8 in. diam., 23 ins. in the ground, with aluminum cap, 2 ins. diam. mkd.

T1N R12W

S6



AP4

TR37

2017

Corner is located on a flat grassy area, west of a ridge line, 0.8 ft., S. 29° W. of a concrete curb, bearing N. 65° W. and S. 65° E.

N. 54°24'58" W., along line 4-5, Tract 37 (L4).

100.02 Point for Angle Point No. 5, Tract 37, identical with a cor. on the southwesterly line of a property described in 10019-OR-322,⁹⁵ hereinbefore described.

Set FENO monument, 24 ins. long, 5/8 in. diam., 24 ins. in the ground, with aluminum cap, 2 ins. diam. mkd.

T1N R12W

S6



AP5

TR37

2017

Corner is located on a N facing slope, 4.3 ft., N. of a concrete curb.

From this point an iron pipe, compressed and deformed, 12 ins. below ground, bears S. 26° E., 1.3 ft. dist. This monument was

Metes-and-Bounds Survey of Tract 37,
T. 1 N., R. 12 W., San Bernardino Meridian, California

Feet

set by an unknown person on an unknown date and does not relate well with nearby corners and is therefore not accepted.

N. 73°54'58" W., along line 5-6, Tract 37 (L5).

70.01 Angle Point No. 6, Tract 37, identical with a cor. on the southwesterly line of a property described in 10019-OR-322,⁹⁵ hereinbefore described.

Set FENO monument, 24 ins. long, 5/8 in. diam., 22 ins. in the ground, with aluminum cap, 2 ins. diam. mkd.

T1N R12W

S6



AP6

TR37

2017

Corner is located on a N facing slope, 5.2 ft., N. of a concrete curb.

From this point an iron pipe, 2 ins. diam., firmly set, 2 ins. above ground, with lead and tag mkd. LS2580, bears S. 36° E., 0.8 ft. dist. This monument was set by Charles Ray Landers, LS 2580, on an unknown date on an unrecorded survey. This monument does not relate well with nearby corners and is therefore not accepted.

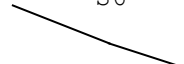
N. 68°05'58" W., along line 6-7, Tract 37 (L6).

100.02 Point for Angle Point No. 7, Tract 37, identical with a cor. on the southwesterly line of a property described in 10019-OR-322,⁹⁵ hereinbefore described.

Set FENO monument, 24 ins. long, 5/8 in. diam., 25 ins. in the ground, with aluminum cap, 2 ins. diam. mkd.

T1N R12W

S6



AP7

TR37

2017

Metes-and-Bounds Survey of Tract 37,
T. 1 N., R. 12 W., San Bernardino Meridian, California

Feet

Corner is located in a flat grassy area, 2.5 ft., N 30° E. of a concrete curb.

From this point an iron pipe, 2 ins. diam., firmly set, 2 ins. below ground, with lead and tag mkd. LS2580, bears S. 50° E., 0.8 ft. dist. This monument was set by Charles Ray Landers, LS 2580, on an unknown date on an unrecorded survey. This monument does not relate well with nearby corners and is therefore not accepted.

Also from this point, a brass disk, 3 ins. diam., firmly set in concrete, mkd. NATIONAL GEODETIC SURVEY, JPL ARIES 2 1975, bears S. 77°46'41" W., 79.95 ft. dist.

The geographic coordinates for this corner are as follows:

Designation: ARIES2
Latitude: 34°12'19.98229" N. Longitude: 118°10'20.14473" W.
Datum/Epoch: NAD 83 (2011.00) Ellipsoid Height: 442.503 meters

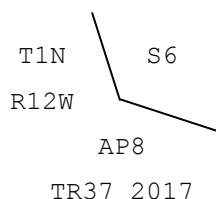
These coordinates are derived from California Real Time Network. I do not utilize the published coordinates from the National Geodetic Survey.

N. 65°39'58" W., along line 7-8, Tract 37 (L7).

119.02

Angle Point No. 8, Tract 37, identical with a cor. on the southwesterly line of a property described in 10019-OR-322,⁹⁵ hereinbefore described.

Set BP2 monument, 1 3/4 ins. long, 1/2 in. diam., counter sunk in concrete, mkd.



Corner is located in the gutter of a concrete curb and gutter, 0.07 ft., N. 30° E. of the face of curb.

From this point the brass disk, 3 ins. diam., firmly set in concrete, mkd. NATIONAL GEODETIC SURVEY, JPL ARIES 2 1975, bears S. 24°40'44" E., 72.60 ft. dist.

N. 5°57'22" W., along line 8-9, Tract 37 (L8).

Metes-and-Bounds Survey of Tract 37,
T. 1 N., R. 12 W., San Bernardino Meridian, California

Feet

140.30 Point for Angle Point No. 9, Tract 37, identical with a cor. on the southwesterly line of a property described in 10019-OR-322,⁹⁵ hereinbefore described.

Set FENO monument, 24 ins. long, 5/8 in. diam., 21 ins. in the ground, with aluminum cap, 2 ins. diam. mkd.

T1N R12W

S6



AP9
TR37

2017

Set an aluminum fence post, 6 ft. long, 1.7 ft. in the ground, N. 82° W., 1.2 ft. dist., with boundary sign and land survey monument sign attached.

Corner is located on an easterly facing cliff edge, among toyon and sumac, 7 ft. east of an asphalt pavement, 1.5 ft. NW of a fence post, 2 ins., 6 ft. high.

N. 83°05'11" W., along line 9-10, Tract 37 (L9).

145.98 Point for Angle Point No. 10, Tract 37, identical with a cor. on the southwesterly line of a property described in 10019-OR-322,⁹⁵ hereinbefore described.

Set FENO monument, 24 ins. long, 5/8 in. diam., 25 ins. in the ground, with aluminum cap counter sunk in asphalt, 2 ins. diam. mkd.

T1N R12W

S6



AP10
TR37

2017

Corner is located in a flat asphalt lot, 0.8 ft. dist., N. of an asphalt curb.

S. 78°29'52" W., along line 10-11, Tract 37 (L10).

Metes-and-Bounds Survey of Tract 37,
T. 1 N., R. 12 W., San Bernardino Meridian, California

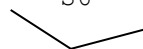
Feet

199.91 Point for Angle Point No. 11, Tract 37, identical with a cor. on the southwesterly line of a property described in 10019-OR-322,⁹⁵ hereinbefore described.

Set FENO monument, 24 ins. long, 5/8 in. diam., 22 ins. in the ground, with aluminum cap, 2 ins. diam. mkd.

T1N R12W

S6



AP11

TR37

2017

Set an aluminum fence post, 6 ft. long, 1.75 ft. in the ground, N. 64° W., 1.9 ft. dist., with boundary sign and land survey monument sign attached.

Corner is located on steep northeasterly slope, among toyon bushes, northerly of an asphalt lot.

From this point an iron pipe, 2 ins. diam., firmly set, 2 ins. above ground, with lead and tag mkd. LS2580, bears S. 48° E., 1.3 ft. dist. This monument was set by Charles Ray Landers, LS 2580, on an unknown date on an unrecorded survey. This monument does not relate well with nearby corners and is therefore not accepted.

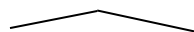
N. 51°44'31" W., along line 11-12, Tract 37 (L11).

48.53 Point for Angle Point No. 12, Tract 37, identical with a cor. on the southwesterly line of a property described in 10019-OR-322,⁹⁵ also identical with a cor. described in D3110-OR-286,¹⁰⁰ hereinbefore described.

Set FENO monument, 24 ins. long, 5/8 in. diam., 20 ins. in the ground, with aluminum cap, 3 1/4 ins. diam. mkd.

T1N R12W

S6



AP12

TR37

2017

Metes-and-Bounds Survey of Tract 37,
T. 1 N., R. 12 W., San Bernardino Meridian, California

Feet

Set an aluminum fence post, 6 ft. long, 1.5 ft. in the ground, W., 1.5 ft. dist., with boundary sign and land survey monument sign attached.

Corner is located on the edge of an east facing cliff, easterly of a steep northeasterly slope, among toyon bushes, northerly of an asphalt lot.

From this point an iron pipe, 2 ins. diam., firmly set, 10 ins. above ground, with iron cap, mkd. 58-1 JPL, bears S. 54° E., 1.2 ft. dist. This monument was set by an unknown person on an unknown date and does not relate well with nearby corners and is therefore not accepted.

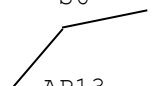
Also from this point, the point for the SE cor. of Lot 68, Tract 30362⁵⁹, as calculated by grant boundary method bears N. 29°49'56" W., 8.47 ft. dist. No evidence of the monument remains. An iron pipe 2 ins. diam., projecting 18 ins. above ground bears N. 32°31'44" W., 8.60 ft. dist. This pipe, which is painted red, is a witness corner to the missing monument. This point is intended to be coincident with AP12, Tract 37, however due to erroneous control and calculations it is not accepted. For further explanation for this corner, see the note concerning Tract No. 24072.⁵⁷ in the description of the line in 10019-OR-322.⁹⁵

S. 63°00'29" W., along line 12-13, Tract 37; lines 12-13 through 16-17, Tract 37 are identical with the northerly bdy. of the parcel recorded in 620-OR-3245.⁸³

341.00 Point for Angle Point No. 13, Tract 37, identical with the point on the northerly line described in 620-OR-3245,⁸³ hereinbefore described.

Set stainless steel post, 2 1/2 ins. diam., 28 ins. long, 24 ins. in the ground with a magnet at the base, with a bronze cap mkd.

T1N R12W
S6
AP13
TR37
2017



Set an aluminum fence post, 6 ft. long, 1.5 ft. in the ground, N 52° E., 1.5 ft. dist., with boundary sign and land survey monument sign attached.

Metes-and-Bounds Survey of Tract 37,
T. 1 N., R. 12 W., San Bernardino Meridian, California

Feet

Cor. is located in a green space park for the Starlight Crest Homeowners Association, SE of a plastic fence extending N. 34° W., NW of a chain link fence, extending N. 66° E. and S. 26° W.

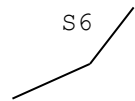
From this point an iron pipe, 2 ins. diam., firmly set, 12 ins. below the ground, with lead and tag mkd. LS 3109, bears N. 62° W., 10.8 ft. dist. This pipe was set as recorded on 755-MR-67,⁵⁹ and is rejected due to improper survey procedures by not tying into the senior deed line recorded in 10019-OR-322,⁹⁵ which in turn further extended the blunder created on Tract No. 24072.⁵⁷ This monument is recognized only as a corner of Lot 94, Tract No. 30362.⁵⁹

S. 21°28'41" W., along line 13-14, Tract 37.

354.04 Point for Angle Point No. 14, Tract 37, identical with the point on the northerly line described in 10019-OR-322,⁹⁵ hereinbefore described.

Set stainless steel post, 2 1/2 ins. diam., 28 ins. long, 22 ins. in the ground with a magnet at the base, with a bronze cap mkd.

T1N R12W
S6
AP14
TR37
2017



Set an aluminum fence post, 6 ft. long, 1.5 ft. in the ground, N 38° E., 1.5 ft. dist., with boundary sign and land survey monument sign attached.

Cor. is located on a steep W slope.

From this point an iron pipe, 2 ins. diam., firmly set, 15 ins. below ground, with lead and tag mkd. LS 3109, bears N. 63° W., 11.0 ft. dist. This pipe was set as recorded on 755-MR-67,⁵⁹ and is rejected due to improper survey procedures by not tying into the senior deed line 10019-OR-322,⁹⁵ which in turn further extended the blunder created on Tract No. 24072.⁵⁷ This monument is recognized only as a corner of Lot 94, Tract No. 30362.⁵⁹

Also from this point the brass disk, 3 ins. diam., firmly set in concrete, mkd. NATIONAL GEODETIC SURVEY, JPL ARIES 3 1975, bears S. 28°22'35" W., 107.00 ft. dist.

S. 48°28'41" W., along line 14-15, Tract 37.

Metes-and-Bounds Survey of Tract 37,
T. 1 N., R. 12 W., San Bernardino Meridian, California

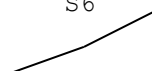
Feet

290.04 Point for Angle Point No. 15, Tract 37, identical with the point on the northerly line described in 620-OR-3245,⁸³ hereinbefore described.

Set stainless steel post, 2 1/2 ins. diam., 28 ins. long, 23 ins. in the ground with a magnet at the base, with a bronze cap mkd.

T1N R12W

S6



AP15

TR37

2017

Set an aluminum fence post, 6 ft. long, 2 ft. in the ground, N 29° E., 1.6 ft. dist., with boundary sign and land survey monument sign attached.

Cor. is located on a steep W slope.

From this point an iron pipe, 2 ins. diam., firmly set, flush with the ground, with lead and tag mkd. LS 3109, bears N. 63° W., 11.2 ft. dist. This pipe was set as recorded on 755-MR-67,⁵⁹ and is rejected due to improper survey procedures by not tying into the senior deed line recorded in 10019-OR-322,⁹⁵ which in turn further extended the blunder created on Tract No. 24072.⁵⁷ This monument is recognized only as a corner of Lot 21, Tract No. 30362.⁵⁹

Also from this point an iron pipe, 2 ins. diam., firmly set, 5 ins. above ground, with an iron cap mkd. 58-4 JPL, bears S. 31° E., 1.9 ft. dist. This mon. was set by an unknown person on an unknown date and does not relate well with nearby corners and therefore not accepted.

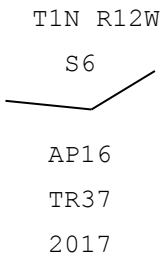
S. 50°28'41" W., along line 15-16, Tract 37.

670.08 Point for Angle Point No. 16, Tract 37, identical with the point on the northerly line of the parcel described in 620-OR-3245,⁸³ hereinbefore described.

Set stainless steel post, 2 1/2 ins. diam., 28 ins. long, 23 ins. in the ground with a magnet at the base, with a bronze cap mkd.

Metes-and-Bounds Survey of Tract 37,
T. 1 N., R. 12 W., San Bernardino Meridian, California

Feet



Set an aluminum fence post, 6 ft. long, 2 ft. in the ground, N 67° E., 1.25 ft. dist., with boundary sign and land survey monument sign attached.

Cor. is located on a moderately steep SW slope, northwesterly of a chain link fence, extending N. 49° E. and S. 49° W.

From this point an iron pipe, 2 ins. diam., firmly set, flush with the ground, with lead and tag mkd. LS 3109, bears N. 62° W., 10.9 ft. dist. This pipe was set as recorded on 755-MR-67,⁵⁹ and is rejected due to improper survey procedures by not tying into the senior deed line recorded in 10019-OR-322⁹⁵, which in turn further extended the blunder created on Tract No. 24072.⁵⁷ This monument is recognized only as a corner of Lot 93, Tract No. 30362.⁵⁹

N. 84°31'19" W., along line 16-17, Tract 37.

247.33 Angle Point No. 17, Tract 37, hereinbefore described.

S. 0°19'57" E., along line 17-18, Tract 37, identical with the N-S center line of fractional sec. 6.

153.48 Angle Point No. 18, Tract 37, hereinbefore described.

N. 61°30'27" W., along line 18-19, Tract 37, identical with line 81, Rancho La Cañada.

16.88 Angle Point No. 19, Tract 37, hereinbefore described.

S. 21°56'59" E., along line 19-20, Tract 37; lines 19-20 through 21-22, Tract 37 are identical with the easterly line of the property described in OR-1971-0812-2830.⁸⁷

62.12 Point for Angle Point No. 20, Tract 37, at the corner of a property described in OR-1971-0812-2830;⁸⁷ no evidence of the local monumentation remains, established at the record dist. of 23 ft. easterly of the east line of and along a line offset

Metes-and-Bounds Survey of Tract 37,
T. 1 N., R. 12 W., San Bernardino Meridian, California

Feet

21 ft. dist. and parallel to the S line of Lot 18, Tract 13430,⁴⁵ hereinafter described.

Set FENO spike monument, 24 ins. long, 5/8 in. diam., 24 ins. in the ground, with aluminum cap, 2 ins. diam. mkd.

T1N R12W

LOT 1	AP20
RO. LC	TR37

2017

Cor. is located on level ground on the westerly edge of the Gould Canyon Trail, 6 ft. wide, bearing NW and S; 1.5 ft., E of a wood fence, 6 ft. tall, bears NW and S; 8 ft., W. of a chain link fence, 5 ft. tall, bears N and S.

S. 13°10'29" W., along line 20-21, Tract 37.

21.59 Point for Angle Point No. 21, Tract 37, at the corner of a property described in OR-1971-0812-2830;⁸⁷ no evidence of the local monumentation remains, established at the extension of the S line of Lot 18, Tract 13430⁴⁵ at the record dist. of 18 ft. from the SE corner. The S line of Lot 18 is hereinafter described.

Set FENO spike monument, 24 ins. long, 5/8 in. diam., 24 ins. in the ground, with aluminum cap, 2 ins. diam. mkd.

T1N R12W

LOT 1	AP21
RO. LC	TR37

2017

Cor. is located on level ground on the westerly edge of the Gould Canyon Trail, 6 ft. wide, bearing NE and S; 3.7 ft., SE of a wood fence corner, 6 ft. tall, bears NE and W; 11 ft., W. of a chain link fence, 5 ft. tall, bears N and S.

Set an aluminum fence post, 6 ft. long, 1.5 ft. in the ground, S. 48° W., 1.7 ft. dist., with boundary sign and land survey monument sign attached.

S. 89°47'39" W., along line 21-22, Tract 37.

Metes-and-Bounds Survey of Tract 37,
T. 1 N., R. 12 W., San Bernardino Meridian, California

Feet

18.00 Point for Angle Point No. 22, Tract 37, at the SE corner of Lot 18, Tract 13430⁴⁵, identical with the SW corner of OR-1971-0812-2830,⁸⁷ established at record distance of 78.70 ft. from the NE corner of Lot 18, Tract 13430,⁴⁵ identical with the northerly corner of Lots 1 and 4, Map of Subdivisions of Rancho La Cañada.⁹

Set FENO spike monument, 24 ins. long, 5/8 in. diam., 24 ins. in the ground, with aluminum cap, 2 ins. diam. mkd.

T1N R12W

AP22
TR37

2018

Corner is located 1.8 ft. S of cinder block retaining wall, bears E and W, and 3.1 ft. W of wood fence, 5 ft. high, bears S.

From this point, the following informative traverse of the S line of Lot 18, Tract No. 13430⁴⁵ which provides control for Angle Point Nos. 20-22, Tract 37:

Thence along the S line of Lot 18, Tract 13430⁴⁵.

S. 89°47'39" W., 140.20 ft.	A lead and tag on top of a concrete curb, 6 ins. wide, mkd. LA CO ENG.
S. 89°47'39" W., 171.00 ft.	A spike nail, firmly set, 0.3 ft. below the asphalt surface, in a cul-de-sac of Viro Road.
S. 89°47'39" W., 199.14 ft.	A lead and tag on top of a concrete curb, 6 ins. wide, mkd. LA CO ENG.

S. 0°13'08" E., along line 22-23, Tract 37 identical with the line between Lots 1 and 4, Map of Subdivision of Rancho La Cañada⁹.

662.19 Angle Point No. 23, Tract 37, hereinbefore described.

N. 83°29'05" E., along line 23-24, Tract 37; lines 23-24 through 25-26, Tract 37 are identical with bdy. of the property recorded in 17513-OR-193⁹⁷ and 24861-OR-135.⁸⁰

933.43 Point for Angle Point No. 24, Tract 37, at the corner of a property described in 24861-OR-135,⁸⁰ identical with a corner of

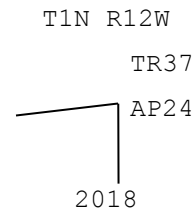
Metes-and-Bounds Survey of Tract 37,
T. 1 N., R. 12 W., San Bernardino Meridian, California

Feet

the property described in 17513-OR-193;⁹⁷ no evidence of the local monumentation remains. This point was established at record bearing at the intersection with the extension of the westerly boundary of a roadway, 50 ft. wide.

Corner falls in area with electrical equipment unable to set standard monument.

Set a rebar, 1/2 in. diam., 9 ins. long, 9 ins. in the ground, with aluminum cap, 1 1/2 ins. diam., mkd.



from which

A PK nail, bears N. 28°24' E., 5.65 ft. dist., set in expansion joint of sidewalk on W edge.

A PK nail, bears S. 43° E., 5.03 ft. dist., set in expansion joint of sidewalk on W edge.

Corner is located in area containing electrical equipment and irrigation. 5 ft. W of sidewalk, bear S. 5° E.

S. 6°00'55" W., along line 24-25, Tract 37.

442.56 Beginning of a curve to the right on the westerly right-of-way of a road, 50 ft. wide, hereinbefore described.

Thence continuing along line 24-25, Tract 37, identical with the westerly right-of-way of a road, 50 ft. wide.

730.42 End of a curve on the westerly right-of-way of a road, 50 ft. wide, hereinbefore described.

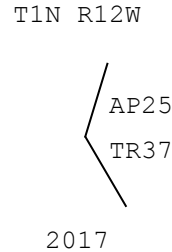
Thence continuing along line 24-25, Tract 37, leaving the westerly right-of-way of a road, 50 ft. wide.

810.01 Point for Angle Point No. 25, Tract 37, at the corner of a property described in 24861-OR-135,⁸⁰ identical with a corner for a property described in 17513-OR-193,⁹⁷ no evidence of the local monumentation remains. This point is the Point of Tangency (POT) of a curve of on the westerly right-of-way of a road, 50 ft. wide.

Metes-and-Bounds Survey of Tract 37,
T. 1 N., R. 12 W., San Bernardino Meridian, California

Feet

Set FENO spike monument, 24 ins. long, 5/8 in. diam., 22 ins. in the ground, with aluminum cap, 2 ins. diam. mkd.



Cor. is located on level ground on the westerly side of the entrance from Oak Grove Drive into Jet Propulsion Laboratories, on W side of chain link fence 5 ft. tall, bears NE and S.

From this point an iron pipe, 2 ins. diam., firmly set 2 ins. below ground bears S. $46^{\circ}05'20''$ E., 0.81 ft. dist. This monument is of unknown origin and does not relate well with nearby corner and is therefore not accepted.

Set an aluminum fence post, 7 ft. long, 2.5 ft. in the ground, S. 37° E., 2.5 ft. dist., with boundary sign and land survey monument sign attached.

S. $29^{\circ}18'05''$ E., along line 25-26, Tract 37.

79.59 Beginning of a curve on the westerly right-of-way of a road, 50 ft. wide, hereinbefore described.

Thence continuing along the westerly right-of-way of a road, 50 ft. wide.

119.34 Intersect the north right-of-way of a road, 30 ft. wide.

153.67 Intersect the south right-of-way of a road, 30 ft. wide.

242.04 Point for Angle Point No. 26, Tract 37, at the intersection with the former westerly right-of-way of Oak Grove Drive, hereinbefore described.

Set a brass tablet, 3 1/4 ins. diam., cemented in a drill hole, counter sunk in asphalt pavement with a PK nail at the base, with cap mkd.

Metes-and-Bounds Survey of Tract 37,
T. 1 N., R. 12 W., San Bernardino Meridian, California

Feet

T1N R12W

AP26

TR37



LOT 1

RO. LC

2017

Cor. is located on level ground in a traffic circle, north of the main gate entrance to Jet Propulsion Laboratories.

N. 2°50'44" E., along line 26-27, Tract 37, identical with the former westerly right-of-way of Oak Grove Drive.

77.31 Angle Point No. 27, Tract 37, identical with the point of intersection of the southerly right-of-way of a 30.00 ft. wide road, hereinbefore described.

Set FENO spike monument, 12 ins. long, 5/8 in. diam., 15 ins. in the ground, with aluminum cap, 3 1/4 ins. diam. mkd.

T1N R12W

AP27

TR37



LOT1

RO.LC

2017

Cor. is located in a flower bed, S of the Jet Propulsion Laboratory's main entrance sign, 2 ft., E of a concrete sidewalk, 3 ft., S of a concrete sidewalk.

N. 89°48'31" E., along line 27-28, Tract 37; lines 27-28 through 28-29, Tract 37 are identical with the southerly right-of-way of a roadway, 30 ft. wide, bears N. 89°48'31" E., and S. 89°48'31" W.

10.15 Intersect the easterly right-of-way of a road, 50 ft. wide, hereinbefore described.

Not monumented.

40.06 Angle Point No. 28, Tract 37, hereinbefore described.

Metes-and-Bounds Survey of Tract 37,
T. 1 N., R. 12 W., San Bernardino Meridian, California

Feet

N. 89°48'31" E., along line 28-29, Tract 37.

581.60 Point for Angle Point No. 29, Tract 37, at the NE corner of the parcel recorded in 125-RS-11,⁶⁷ identical with the NW corner of a property described in 105-OR-420;⁸⁴ no evidence of the local monumentation remains. I reestablish this corner at record distance of 581.60 ft. utilizing 2300-OR-256.⁹¹

Not monumented due to upcoming construction.

from which

A BP2 Monument, 1 3/4 ins. long, 1/2 in. diam., counter sunk and cemented in the top of a concrete curb, 6 ins. wide, for a reference monument, bears S. 0°50'32" W., 78.85 ft. dist., mkd.

RM1



78.85

2017

A BP2 Monument, 1 3/4 ins. long, 1/2 in. diam., counter sunk and cemented in the top of a concrete curb, 6 ins. wide, for a reference monument, bears N. 89°08'35" E., 67.40 ft. dist., mkd.

RM2



67.40

2017

S. 17°40'16" W., along Line 29-30, Tract 37, identical with the east line of the parcel shown on 125-RS-11,⁶⁷ and with the west line of the property described in 105-OR-420.⁸⁴

546.25 Point for Angle Point No. 30, Tract 37, at the NE corner of a parcel shown on 125-RS-11,⁶⁷ identical with the SW corner of a property described in 105-OR-420,⁸⁴ monumented with an iron pipe, 4 ins. diam., firmly set, projecting 6 ins. below ground, with nail in concrete plug.

This monument was set by unknown persons in an unrecorded survey at an unknown date. This monument was found and accepted as the

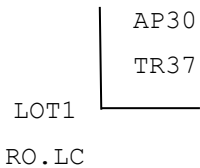
Metes-and-Bounds Survey of Tract 37,
T. 1 N., R. 12 W., San Bernardino Meridian, California

Feet

position of the corner on CSM-B-5120⁶² and 125-RS-11.⁶⁷ This monument is accepted as best available evidence of the position of the corner.

Set a stainless steel post, 2 1/2 ins. diam., 28 ins. long, 29 ins. in the ground with a magnet at the base, with a bronze cap mkd.

T1N R12W



2017

Deposit iron pipe, 4 ins. diam., 24 ins. long, alongside stainless steel post.

Cor. is located at the intersection of a walking trail bearing N, and a walking trail bearing E and W, on flat ground, 12 ft. west of a chainlink fence, 6 ft. tall, bearing northwest and southeast, 12 ft. east of a chainlink fence, 5 1/2 ft. tall, bearing northeast and southwest, 9 ft. north of a chainlink fence, 5 ft. tall, bearing east and west.

N. 89°48'04" E., along Line 30-31, Tract 37, identical with the north line of the parcel shown on 125-RS-11,⁶⁷ and with the south line of the property described in 105-OR-420.⁸⁴

478.66 Angle Point No. 31, Tract 37, hereinbefore described.

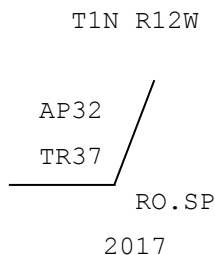
N. 89°46'33" E., along Line 31-32, Tract 37; lines 31-32 through 33-34, Tract 37 identical with a portion of the line of Parcel 2, recorded in OR-77-1104347.⁸⁸

27.90 Point for Angle Point No. 32, Tract 37, at the SE corner of a the parcel described in OR-77-1104347,⁸⁸ no evidence of the local monumentation remains, established by grant boundary adjustment using the previous point to the northeast corner of Parcel 2, described in Record OR-77-1104347,⁸⁸ hereinbefore described.

Set FENO monument, 24 ins. long, 5/8 in. diam., 24 ins. in the ground, with aluminum cap, 3 1/4 ins. diam. mkd.

Metes-and-Bounds Survey of Tract 37,
T. 1 N., R. 12 W., San Bernardino Meridian, California

Feet



From this point an iron pipe, 2 ins. diam., firmly set, 1 ins. above ground, with lead and tag mkd. LS 7230, bears N. 20° E., 0.4 ft. dist. This mon. was set as recorded on 257-RS-44,⁷⁷ and does not match deed information and is therefore not accepted.

Corner is located on level ground, on the west side of the Arroyo Seco, on the east side of an aluminum fence post, 2 ins. diam., 7 ft. tall, extending N 63° W and N 47° E.

Set an aluminum fence post, 6 ft. long, 1.5 ft. in the ground, N. 39° E., 1.5 ft. dist., with boundary sign and land survey monument sign attached.

N. 41°18'04" E., along line 32-33, Tract 37.

1309.24 Intersect Line 8-9, Rancho San Pascual.

1362.42 Intersect the N line of Altadena Map No. 3.

1934.29 Cor. on the east line of a parcel described in OR-77-1104347,⁸⁸ identical with a cor. on the west line of Lot 1, Tract 3127,²⁴ monumented with an iron pipe, 2 ins. diam., firmly set, 1 in. below the ground, with concrete plug and tag mkd. LS 7230.

This monument was set as recorded on 257-RS-44,⁷⁷ and is accepted as a careful and faithful establishment of the position of the corner.

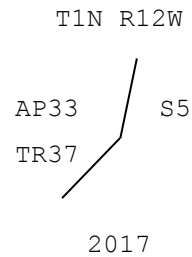
This point now also functions as Angle Point No. 33, Tract 37.

At the corner point

Set a stainless steel post, 2 1/2 ins. diam., 28 ins. long, 18 ins. in the ground with a magnet at the base, in a mound of stone, 1.5 ft. base, to top of bronze cap mkd.

Metes-and-Bounds Survey of Tract 37,
T. 1 N., R. 12 W., San Bernardino Meridian, California

Feet



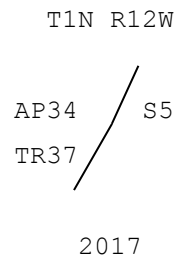
Deposit iron pipe, 18 ins. long, alongside stainless steel post.

Set an aluminum fence post, 7 ft. long, 1.5 ft. in the ground, S. 28° W., 3.5 ft. dist., with boundary sign and land survey monument sign attached.

N. 23°59'33" E., along Line 33-34, Tract 37.

30.01 Point for Angle Point No. 34, Tract 37, identical with the northeast corner of Parcel 2, described in Record OR-77-1104347,⁸⁸ hereinbefore described.

Set a stainless steel post, 2 1/2 ins. diam., 28 ins. long, 19 ins. in the ground with a magnet at the base, in a mound of stone, 2.5 ft. base, to top of bronze cap mkd.



Set an aluminum fence post, 7 ft. long, 2 ft. in the ground, N. 30° W., 1.5 ft. dist., with boundary sign and land survey monument sign attached.

Cor. is located on the NW bank of the Arroyo Seco, among large boulders, on the east side of a walking trail.

N. 23°59'33" E., along Line 34-35, Tract 37; lines 34-35 through 36-37, Tract 37 are identical with the west bdy. of Lot 1, Tract 3127²⁴ and the easterly bdy. of Parcel 1 described in OR-77-1104347.⁸⁸

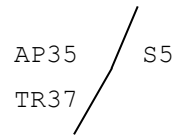
842.26 Angle Point No. 35, Tract 37, identical with the cor. on the west bdy. of Lot 1, Tract 3127,²⁴ hereinbefore described.

Metes-and-Bounds Survey of Tract 37,
T. 1 N., R. 12 W., San Bernardino Meridian, California

Feet

Set a stainless steel post, 2 1/2 ins. diam., 28 ins. long, 19 ins. in the ground with a magnet at the base, in a mound of stone, 2 ft. base, to top of bronze cap mkd.

T1N R12W



2017

Deposit iron pipe, 17 ins. long, alongside stainless steel post.

Set an aluminum fence post, 7 ft. long, 2 ft. in the ground, N. 11° E., 1.4 ft. dist., with boundary sign and land survey monument sign attached.

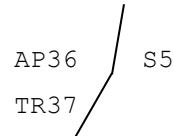
Cor. is located on the W bank of the Arroyo Seco, among Sycamore, Alder and Sumac trees.

N. 18°01'31" E., along Line 35-36, Tract 37.

146.54 Point for Angle Point No. 36, Tract 37, identical with an angle point in the west line of Lot 1, Tract No. 3127,²⁴ hereinbefore described.

Set FENO monument, 24 ins. long, 5/8 in. diam., 24 ins. in the ground, with aluminum cap, 2 ins. diam. mkd.

T1N R12W



2017

Cor. is located on the W edge of the bottom of the Arroyo Seco, among debris from previous flooding.

from which

A BP2 Monument, 1 3/4 ins. long, 1/2 in. diam., counter sunk and cemented in a granite boulder 5 x 3.5 x 3 ft. high, for a reference monument, bears S. 69°09'32" W., 21.43 ft. dist., mkd.

Metes-and-Bounds Survey of Tract 37,
T. 1 N., R. 12 W., San Bernardino Meridian, California

Feet

RM1



21.43

2017

A BP2 Monument, 1 3/4 ins. long, 1/2 in. diam., counter sunk and cemented in a granite boulder 3.5 x 2 x 2 ft. high, for a reference monument, bears N. 42°28'11" W., 33.38 ft. dist., mkd.

RM2



33.38

2017

N. 7°37'31" E., along Line 36-37, Tract 37.

67.08 True point for Angle Point No. 37, Tract 37, hereinbefore described.

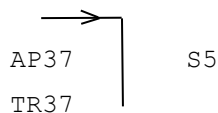
N. 88°17'09" W., along Line 37-38, Tract 37, identical with the northerly line of Parcel 1 described in OR-77-1104347,⁸⁸ and with a line being offset 225 ft. dist. and parallel to the northerly line of Lot 12, Tract 10589.³⁵

30.00 Point for the witness corner to Angle Point No. 37, Tract 37.

Set a stainless steel post, 2 1/2 ins. diam., 28 ins. long, 16 ins. in the ground with a magnet at the base, in a mound of stone, 2.5 ft. base, to top of bronze cap mkd.

T1N R12W

WC



2017

Witness corner is located on the west bank of the Arroyo Seco, among granite boulders.

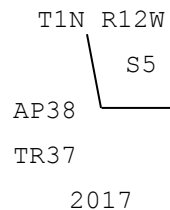
Set an aluminum fence post, 7 ft. long, 1.5 ft. in the ground, S. 75° E., 2 ft. dist., with boundary sign and land survey monument sign attached.

Metes-and-Bounds Survey of Tract 37,
T. 1 N., R. 12 W., San Bernardino Meridian, California

Feet

345.70 Point for Angle Point No. 38, Tract 37, at the SE corner of Parcel 3 described in OR-77-1104347,⁸⁸ no evidence of the local monumentation remains, established at the intersection of a line offset, 10 ft. dist. easterly and parallel to that portion of the description of Arroyo Addition No. 2⁹⁶ and a line offset, 225 ft. dist. southerly and parallel to the south line of Lot 2, Tract 3127.²⁴

Set a stainless steel post, 2 1/2 ins. diam., 28 ins. long, 21 ins. in the ground with a magnet at the base, in a mound of stone, 2 ft. base, to top of bronze cap mkd.



Set an aluminum fence post, 7 ft. long, 2.5 ft. in the ground, N. 70° E., 1.3 ft. dist., with boundary sign and land survey monument sign attached.

Cor. is located on a steep SE. slope amongst yucca plants; 5.4 ft. NW of a chain link fence, extending NW and SE 6 ft. tall.

From this point an iron pipe, 2 1/2 ins. diam., firmly set, 15 ins. below ground, with decomposed hub inside, bears S. 55° E., 0.4 ft. dist. This point was set by an unknown person on an unknown date and does not relate well with nearby corners and therefore is not accepted.

N. 5°41'58" W., along Line 38-39, Tract 37, identical with the easterly line of Parcel 3, recorded in OR-77-1104347.⁸⁸

226.92 Angle Point No. 39, Tract 37, identical with the northeast cor. of Parcel 3, recorded in OR-77-1104347,⁸⁸ monumented with an iron pipe, 2 ins. diam., firmly set, 6 ins. above ground, with nail and tag mkd. LS 7230.

This iron pipe was set by John D. Chiappe, LS 7230, as shown on 257-RS-44⁷⁷ and is accepted as a careful and faithful reestablishment of the corner.

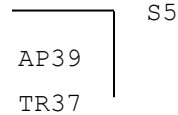
At the corner point

Set a stainless steel post, 2 1/2 ins. diam., 28 ins. long, 21 ins. in the ground with a magnet at the base, in a collar of stone, 2 ft. diam., to top of bronze cap mkd.

Metes-and-Bounds Survey of Tract 37,
T. 1 N., R. 12 W., San Bernardino Meridian, California

Feet

T1N R12W



AP39
TR37

2017

Deposit iron pipe, 24 ins. long, alongside stainless steel post.

Set an aluminum fence post, 7 ft. long, 2 ft. in the ground,
N. 63° W., 1.25 ft. dist., with boundary sign and land survey
monument sign attached.

Cor. is located on top of a ridge, among sumac and chaparral
plants.

N. 88°17'11" W., along Line 39-40, Tract 37, identical with the
northerly line of Parcel 3, recorded in OR-77-1104347.⁸⁸

787.97 Angle Point No. 40, Tract 37, hereinbefore described.

N. 0°21'47" E., on Line 40-1, Tract 37, identical with the line
between secs. 5 and 6.

313.87 Angle Point No. 1, Tract 37, hereinbefore described.


FIELD ASSISTANTS

NAME	ASSISTING CAPACITY
Joshua D. M. Strege	Survey Technician
Jose J. De la Vega	Survey Technician
Thomas J. Fusek	Survey Technician
Thomas E. Jermin III	Survey Technician


CERTIFICATE OF SURVEY

We, Jenifer K. Anderson, Cadastral Surveyor, and Timothy J. Jackson, Supervisory Cadastral Surveyor, HEREBY CERTIFY upon honor, that in pursuance of the Special Instructions dated and approved February 17, 2017, for Group No. 1725, we have executed the dependent resurvey of a portion of the boundary of Rancho San Pascual, a portion of the boundary of Rancho La Cañada, a portion of the north and west boundaries and a portion of the subdivisional lines, and the subdivision of fractional section 6, and the retracement of certain boundaries, and the metes-and-bounds survey of Tract 37, Township 1 North, Range 12 West, San Bernardino Meridian, California, which are represented in the foregoing field notes as having been executed by me and under my direction, and that said survey has been made in strict conformity with said Special Instructions, the *Manual of Surveying Instructions for the Survey of the Public Lands of the United States*, and in specific manner described in the foregoing field notes.

October 11, 2018
(Date)


Jenifer K. Anderson
(Cadastral Surveyor)

OCTOBER 11, 2018
(Date)

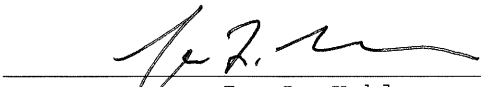

Timothy J. Jackson
(Supervisory Cadastral Surveyor)

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT
Sacramento, California

The foregoing field notes of the dependent resurvey of a portion of the boundary of Rancho San Pascual, a portion of the boundary of Rancho La Cañada, a portion of the north and west boundaries and a portion of the subdivisional lines, and the subdivision of fractional section 6, and the retracement of certain boundaries, and the metes-and-bounds survey of Tract 37, Township 1 North, Range 12 West, San Bernardino Meridian, California, executed by Jenifer K. Anderson, Cadastral Surveyor, and Timothy J. Jackson, Supervisory Cadastral Surveyor, having been critically examined and found correct, are hereby approved.

11/7/2018
(Date)


Jon L. Kehler
(Chief Cadastral Surveyor - California)