



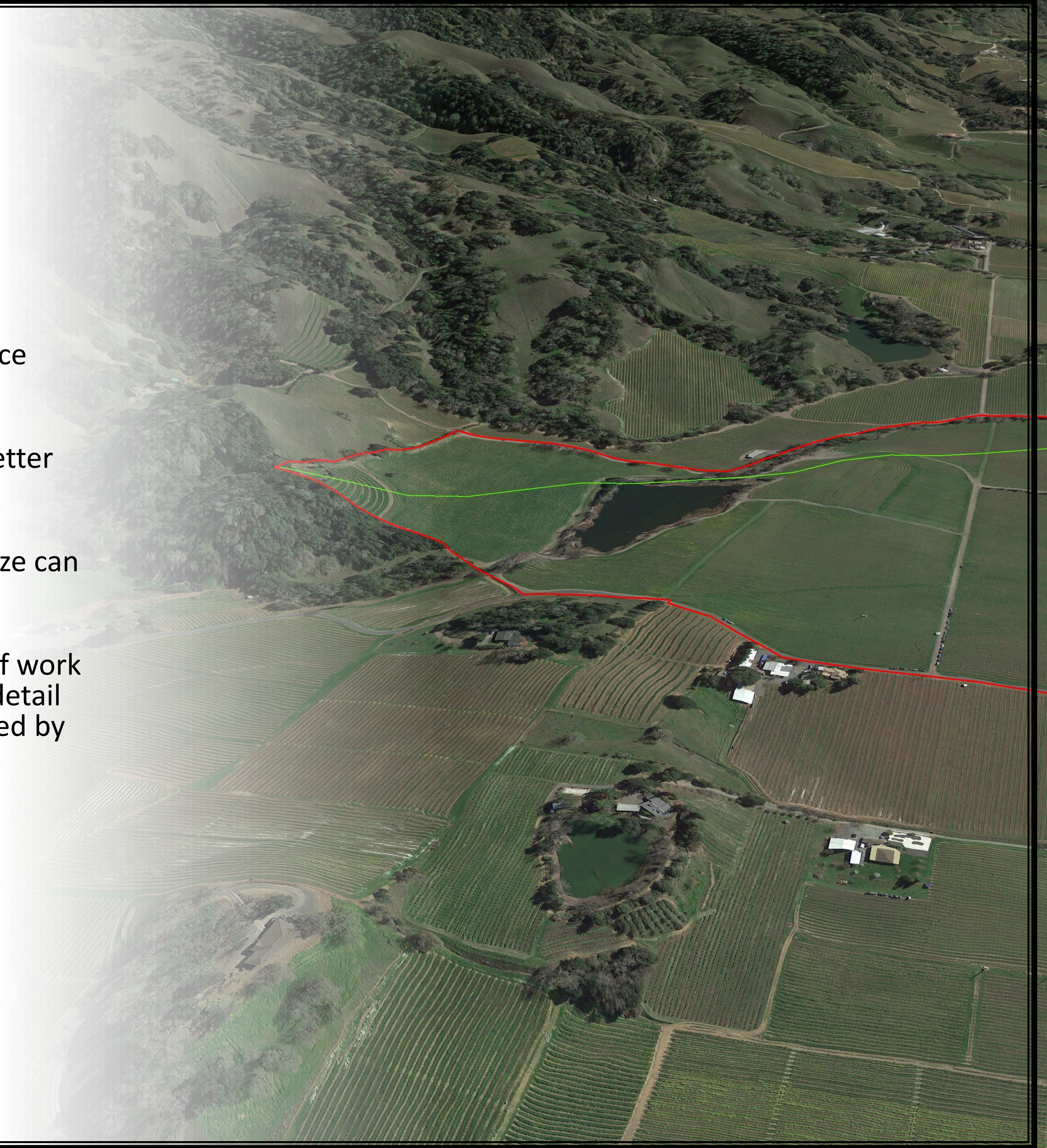
- Vineyard Digital Map Series uploaded to your server or device
- Map display standard 17"x22" printable at the same ratio on letter size paper.
- Hard-copy Detail Map at full size can be printed and laminated.
- Fee \$150.00 per hour. Scope of work determined with discussion of detail needed and information provided by client.

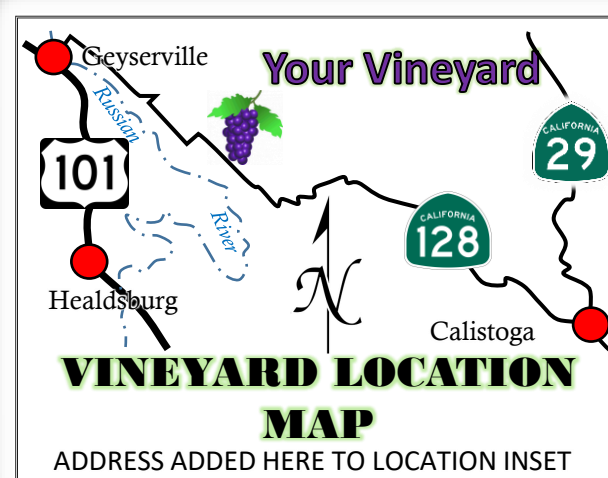
James C. Cowhick
Proprietor

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Website: jccnorth.com

Email: james@jccnorth.com





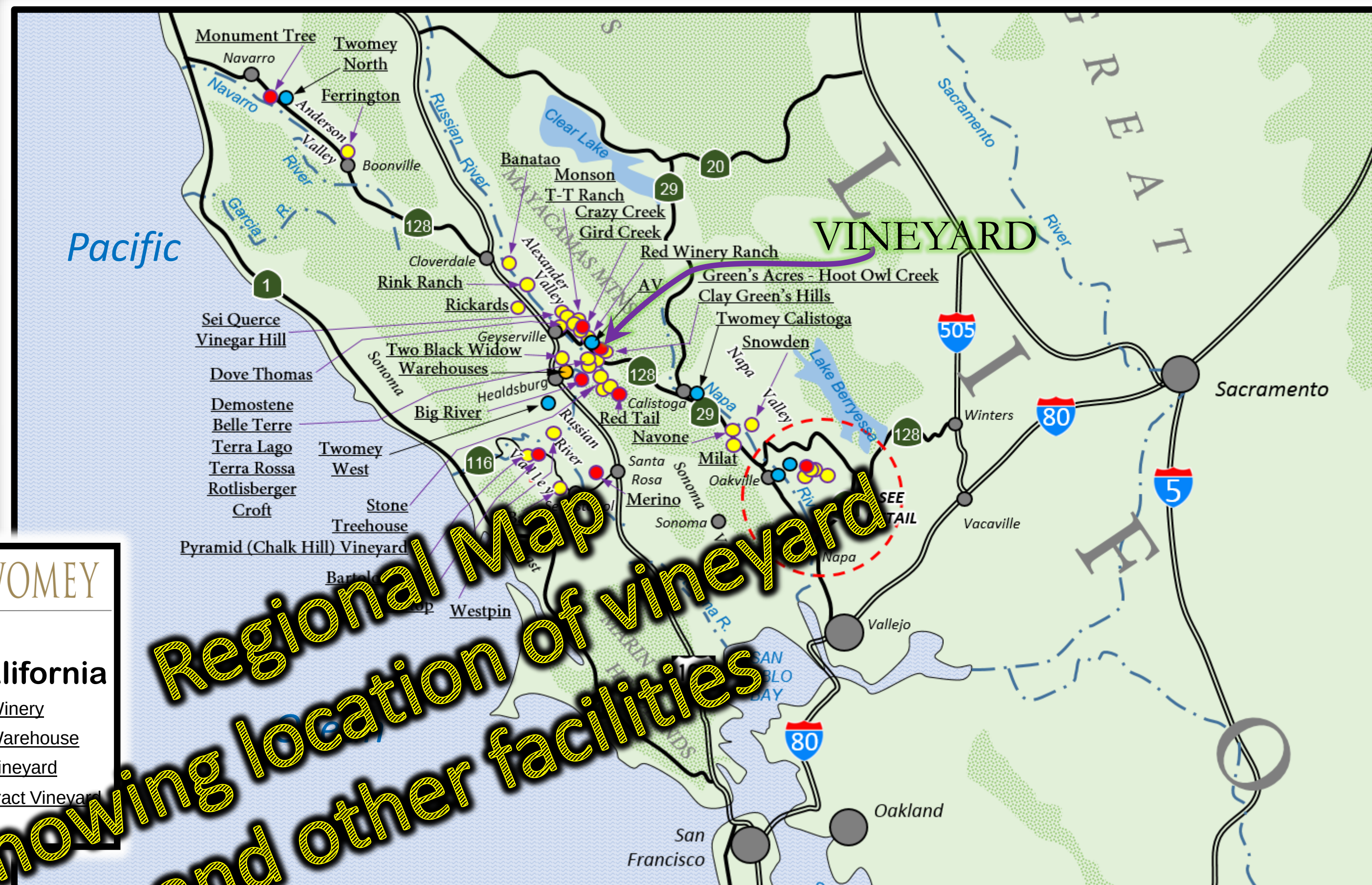
SILVER OAK
TWOMEY

VINEYARD
Sonoma County, California

<i>City Population</i> ● < 100,000 ● > 100,000	● Proprietary Winery ● Proprietary Warehouse ● Proprietary Vineyard ● Leased/Contract Vineyard
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JULY 9, 2020

Regional Map of vineyard showing location of vineyard and other facilities

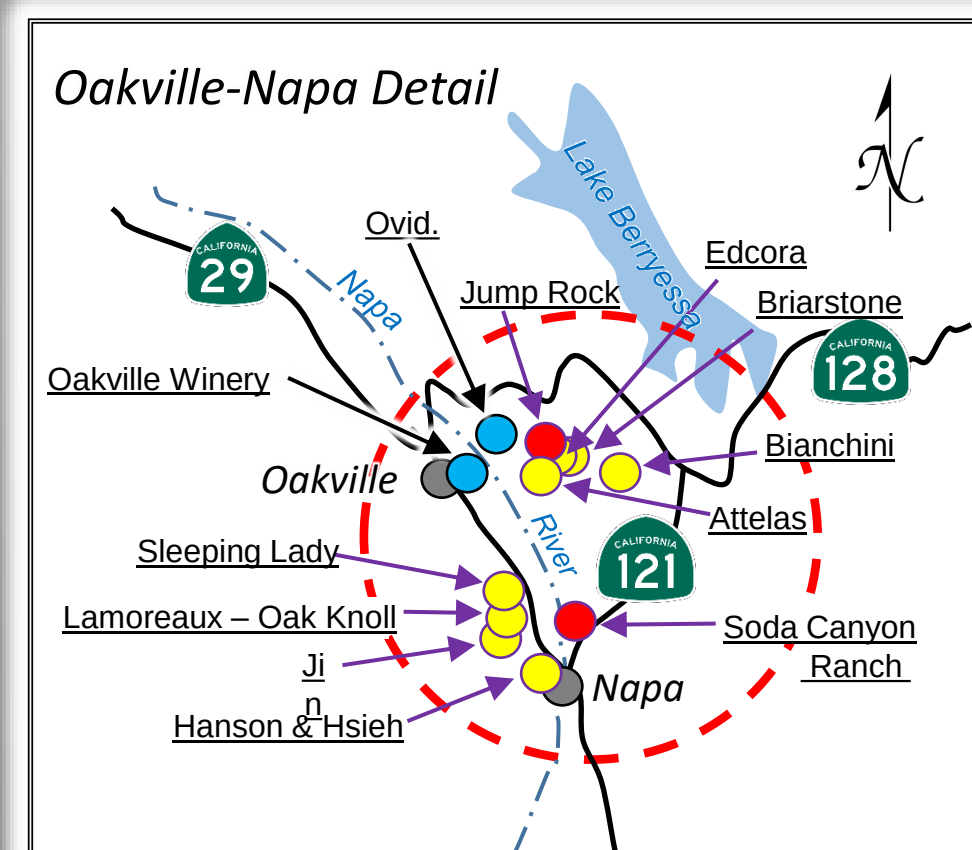
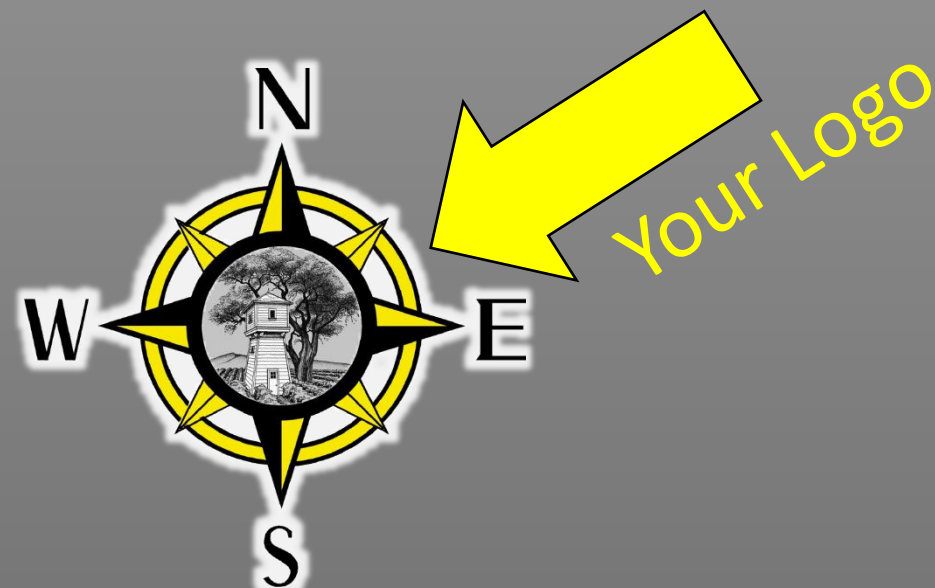


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- 1.) Facilities Map
- 2.) Vineyard Aerial
- 3.) Terrain Exhibit
- 4.) APN Map
- 5.) Soil Map
- 6.) Vineyard Block Map
- 7.) Vineyard Detail Map
- 8.) Pond Volumetric

Contents of Digital Map Series

Silver Oak Cellars & Twomey Cellars Northern California Facilities



VINEYARD
Sonoma County, California

AERIAL PHOTO
IMAGE TAKEN
NOVEMBER 7, 2019

Simple view of parcel



VINEYARD
Sonoma County, California

TERRAIN EXHIBIT
Looking East, Southeast

Elevation Exaggeration Scale 1.5+ (0.01 – 3)

AERIAL PHOTO IMAGE FEBRUARY 14, 2018

NORTH
EL=359'

NORTH – SOUTH
ELEVATION X-SECTION

EL=202'

SOUTH

HIGHWAY 128

**"3-D" view of vineyard
with elevation profile**



NORTH CORNER of parcel Max. EL = 359'

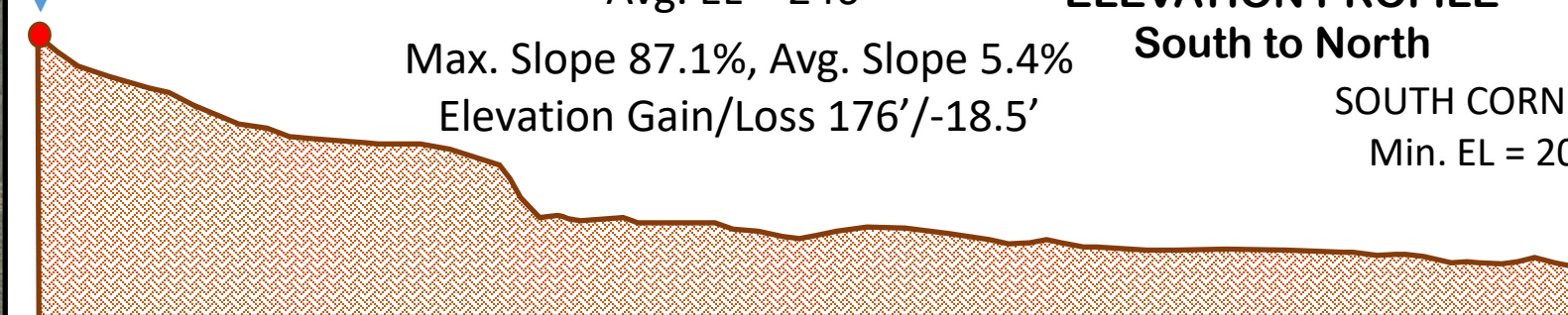
Avg. EL = 246'

Max. Slope 87.1%, Avg. Slope 5.4%

Elevation Gain/Loss 176'/-18.5'

**VINEYARD
ELEVATION PROFILE
South to North**

SOUTH CORNER
Min. EL = 202'



VINEYARD

Sonoma County, California

APN MAP

2 parcels

131-220-009

132-020-004

105.2 gross acres
(Zoned Agricultural)

Highlighted APN parcel(s)



200 feet
approx.

Aerial Image February 14, 2018

VINEYARD
Sonoma County, California
SOIL MAP

Soil Analysis

Legend					
Soil Analysis		Grade Comp. Slope	Storie Index	Acres	Vineyard (Parcel) %
	AeA Alluvial Land, Clayey	1	51	3.506	3.50%
	CgE Clough gravelly loam, 15 to 30 percent slopes	23	13	0.608	0.60%
	MbC Manzanita gravelly silt loam, 0 to 9 percent slopes	5	58	33.265	33.10%
	PsC Positas gravelly loam, 0 to 9 percent slopes	6	31	26.932	26.80%
	PsD Positas gravelly loam, 9 to 15 percent slopes	12	26	32.159	32.00%
	ShG Sobrante loam, 50 to 75 percent slopes	63	10	0.867	0.86%
	W Water			3.168	3.14%
Totals				100.505(+)	100%
Source: USGS and USDA Farm Service Agency					
(+) Actual Vineyard gross acre parcel = 105.2 +/- acres					



OCTOBER 2019 KINCADE FIRE ENCROACHMENT
Aerial Image Taken November 7, 2019

VINEYARD
Sonoma County, California
BLOCK OUTLINE MAP

WATER TANK replaced after 2019 Kincade Fire

6T - CS
30.1/039-16
4 x 10
8@~80°-135°
2017
0.73 ac.
1089-539

V-6A,6B,6T
6B - CS
30.1/039-16
4 X 8
54 @ 45°
2017
3.98 ac.
1361-5410

6A - CS
4.1/039-16
4 X 8
60 @ 45°
2017
6.63 ac.
1361-9019

5C - CS
169/039-16
6x8
94@45°
2012
3.24 ac.
908-2941

POND

5B - CS
7/039-16
6X8
65@45°
2012
4.60 ac.
906-4166

5A - CS
37-Terraced
6x8
81@45°
2012
ac.
906-3352

4L - CS
4/039-16
6x8
79°-45° & Terraced
2012
3.80 ac.
789-2999

2 - CS
8/039-16
4 x 7
82@45°
2019
12.41 ac.
1556-19288

3 - CS
4/039-16
4 X 7
47@45°
2019
5.78 ac.
1556-8985

1B - CS
30 / 039-16
4 x 7
~94@45°
2025
13.67
1556 - ~21267

1 - CS*
8/039-16
7x10
132@45°
1990
27.34 ac.
1245-17004

1A - CS
8 / 039-16
4 x 7
~94@45°
2025
13.67
1556 - ~21267

*Replant permitting complete.
Sections of vines to be pulled & replanted 2025.
Block 1 to be divided into two separate blocks.

DOMESTIC WELL (PINA)

MAP KEY

- INFO BOX
- WATER VALVE
- WATER WELL
- 3" RISER FIRE STANDPIPE

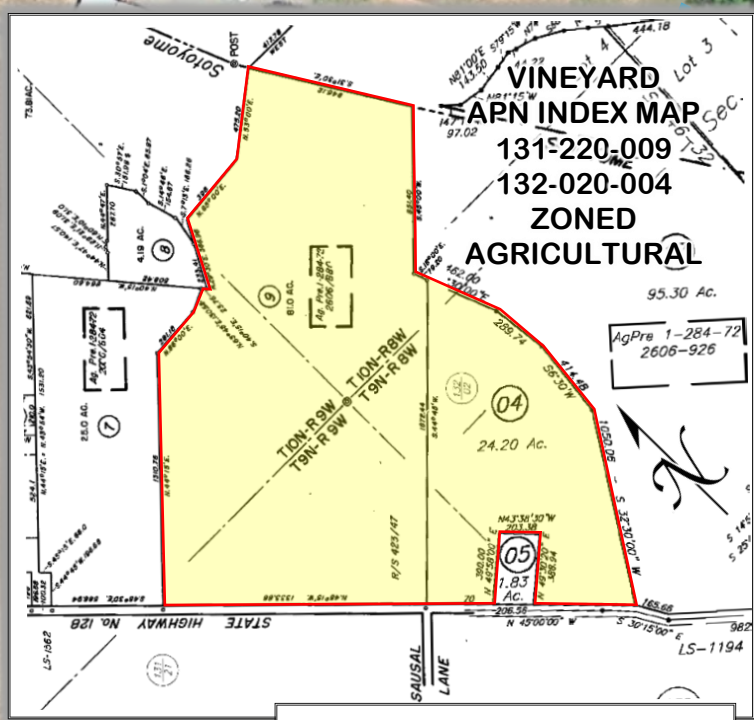


HIGHWAY 128 (ROW)

VINEYARD BLOCK KEY
NET ACRES: Total Planted Acres
Cabernet Sauvignon (CS) 78.90 ac. (100%)
5C-CS..... Block Number-Grape Varietal
169/039-16..... Grape Clone/Root Stock
6x8..... Vine Spacing X Row Spacing
94@45°..... Rows @ Degrees from North
2012..... Year Planted
3.24 ac..... Net Acres
908-2941..... Vines per Acre-Vines per Block

Your Vineyard

VINEYARD LOCATION MAP
ADDRESS ADDED HERE TO LOCATION INSET



GROSS AC. (Parcel)	APN
Block 4 24.20	132-020-004
Block 9 81.00	131-220-009
Gross Ac. 105.20	

NOTES: (1) Permit application process complete for replanting Block 1. (2) Block 6T 2019 fire damaged vines replaced (3) Wire-wood & metal post fence beginning at and along property boundary from Machado & Heitz Road intersection terminating at Highway 128 near Russell and Betty Green property entrance.

VINEYARD BLOCK KEY	
NET ACRES: Total Planted Acres	
Cabernet Sauvignon (CS) 78.77 ac. (100%)	
5C-CS.....	Block Number-Grape Varietal
169/039-16.....	Grape Clone/Root Stock
6x8.....	Vine Spacing X Row Spacing
45°.....	Rows @ Degrees from North
2012.....	Year Planted
3.24 ac.....	Net Acres
908-2941.....	Vines per Acre-Vines per Block

Silver Block Cellars

915 Cross Road, Oakville, CA 94762
(707) 461-1222

Customized with your brand

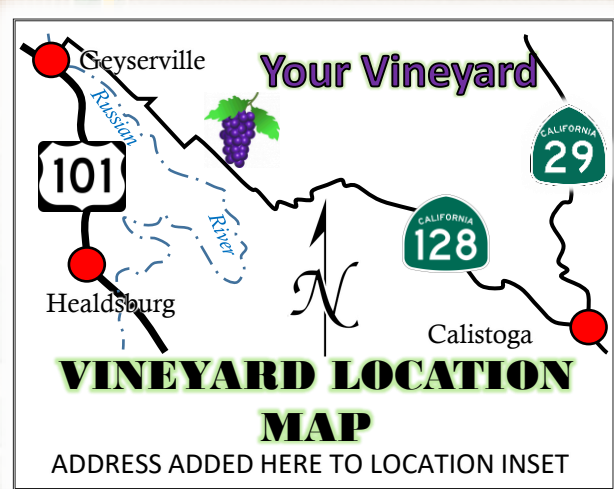
VINEYARD

Sonoma County, California

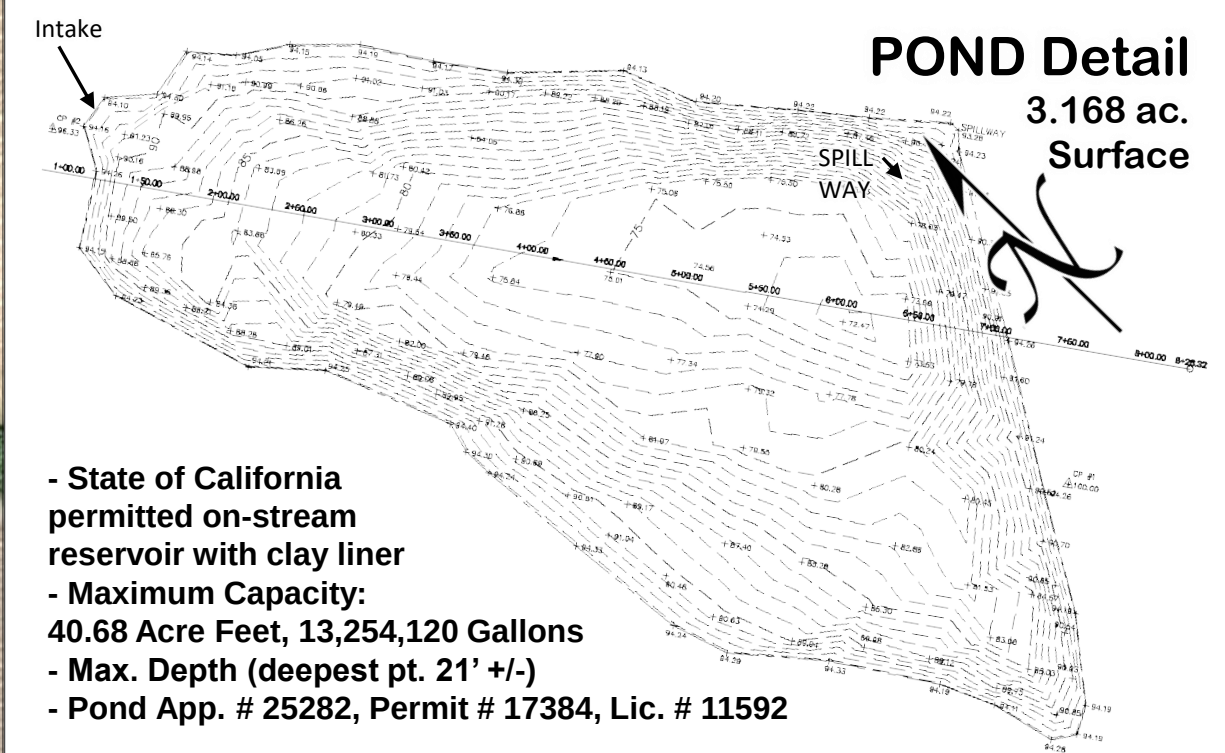
Ownership: Ownership and/or vineyard management added here
Region/AVA: North Coast, Northern Sonoma, Alexander Valley
Planting (Net) Acreage: 78.77 acres, Gross Acreage: 105.2 acres
Soil Type: Alluvial, Gravelly loam
Varietal: Cabernet Sauvignon (100%)
Aerial Image: March 27, 2015

JCC SCALE - 1" = 200' (Approx.) JULY 9, 2020

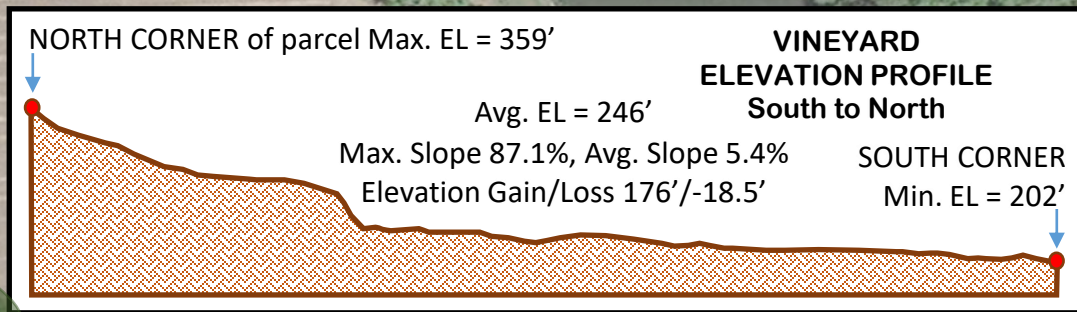
- MAP KEY**
- STRUCTURE
 - TREE
 - NON-PLANTED ACREAGE
 - PROPANE TANK
 - STATIONARY WIND TOWER
 - INFO BOARD
 - WATER VALVE
 - WATER WELL
 - 3" RISER FIRE STANDPIPE
 - POWER POLE
 - FROST THERMOMETER
 - WEATHER STATION
 - OWL BOX
 - ELECTRIC PANEL-BOX
 - TWO-TRACK ROAD
 - GRAVEL ROAD
 - CATTLE GAURD



Detail Map
showing all or only
the improvements
as desired



- State of California permitted on-stream reservoir with clay liner
- Maximum Capacity: 40.68 Acre Feet, 13,254,120 Gallons
- Max. Depth (deepest pt. 21' +/-)
- Pond App. # 25282, Permit # 17384, Lic. # 11592



SOIL NOTES				
Soil Analysis	Grade Comp.	Storie Slope	Index	Vineyard Acres %
AeA Alluvial Land, Clayey	1	51	3.506	3.50
CgE Clough gravelly loam, 15-30% slopes	23	13	0.608	0.60
MbC Manzanita gravelly loam, 0-9% slopes	5	58	33.265	33.10
ShG Sobrante loam, 50-75% slopes	63	10	0.867	0.86
TOTALS			100.505	100.00

* Actual Vineyard gross acre parcel = 105.20 +/- acres
Source: USGS & USDA Farm Service Agency

Neighboring Ownership



Alexander Valley Ranch II, LLC
131-210-002 (AG)

Mauriston, Robert R. & Deanna M. Trust
131-210-010 (AG)

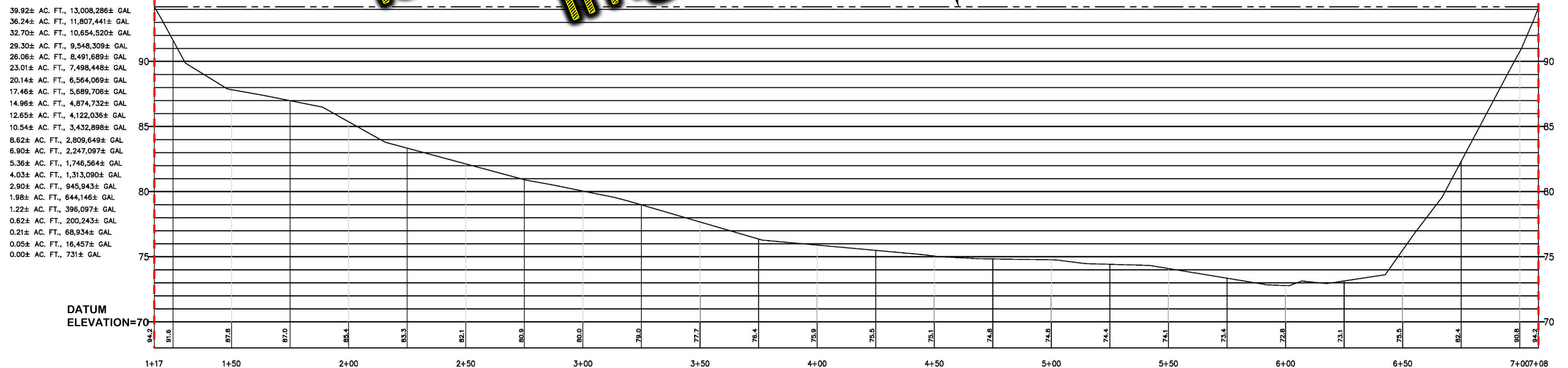
Demostene, David L. Trust
131-210-011(AG)

Wilson, Kenneth C. & Diane
132-010-001(RES)

Belle Terre Ranch Inc.
132-010-023 (AG)

Aerial Image March 27, 2015

3.168 ac. Surface



BENCH MARK CONTROL POINT #1, SET 50d SPIKE ELEVATION = 100.00', ASSUMED.

LAND SURVEYOR: JACKSON AND ASSOCIATES, INC.
PO BOX 737
CLOVERDALE, CA 95425
707-894-8494