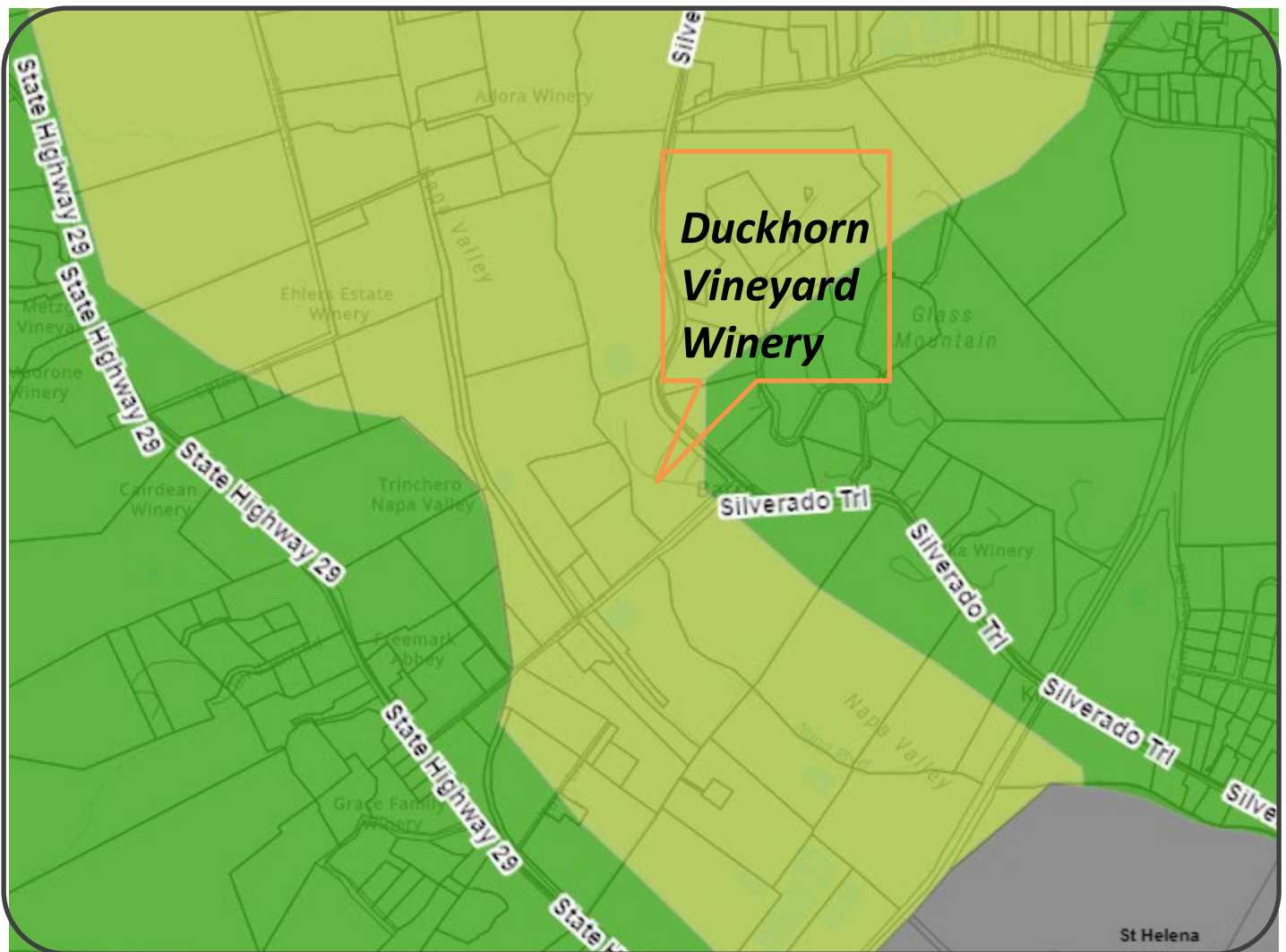


**“M”**

**Graphics  
Duckhorn Vineyards Winery Major  
Modification  
P19-00097-MOD**

# NAPA COUNTY LAND USE PLAN 2008 – 2030



SCALE IN MILES  
0 ½ Mile]

## LEGEND



### URBANIZED OR NON-AGRICULTURAL

- Study Area
- Cities
- Urban Residential\*
- Rural Residential\*
- Industrial
- Public-Institutional

### OPEN SPACE

- Agriculture, Watershed & Open Space
- Agricultural Resource

### TRANSPORTATION

- Mineral Resource
- Limited Access Highway
- American Canyon ULL
- City of Napa RUL
- Landfill - General Plan
- Road
- Airport
- Railroad
- Airport Clear Zone

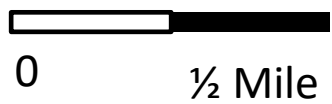
\* See Action Item AG/LU-114.1 regarding agriculturally zoned areas within these land use designations





**LEGEND**

- Zoning
- Parcels



**ZONING MAP**





**Existing Conditions**

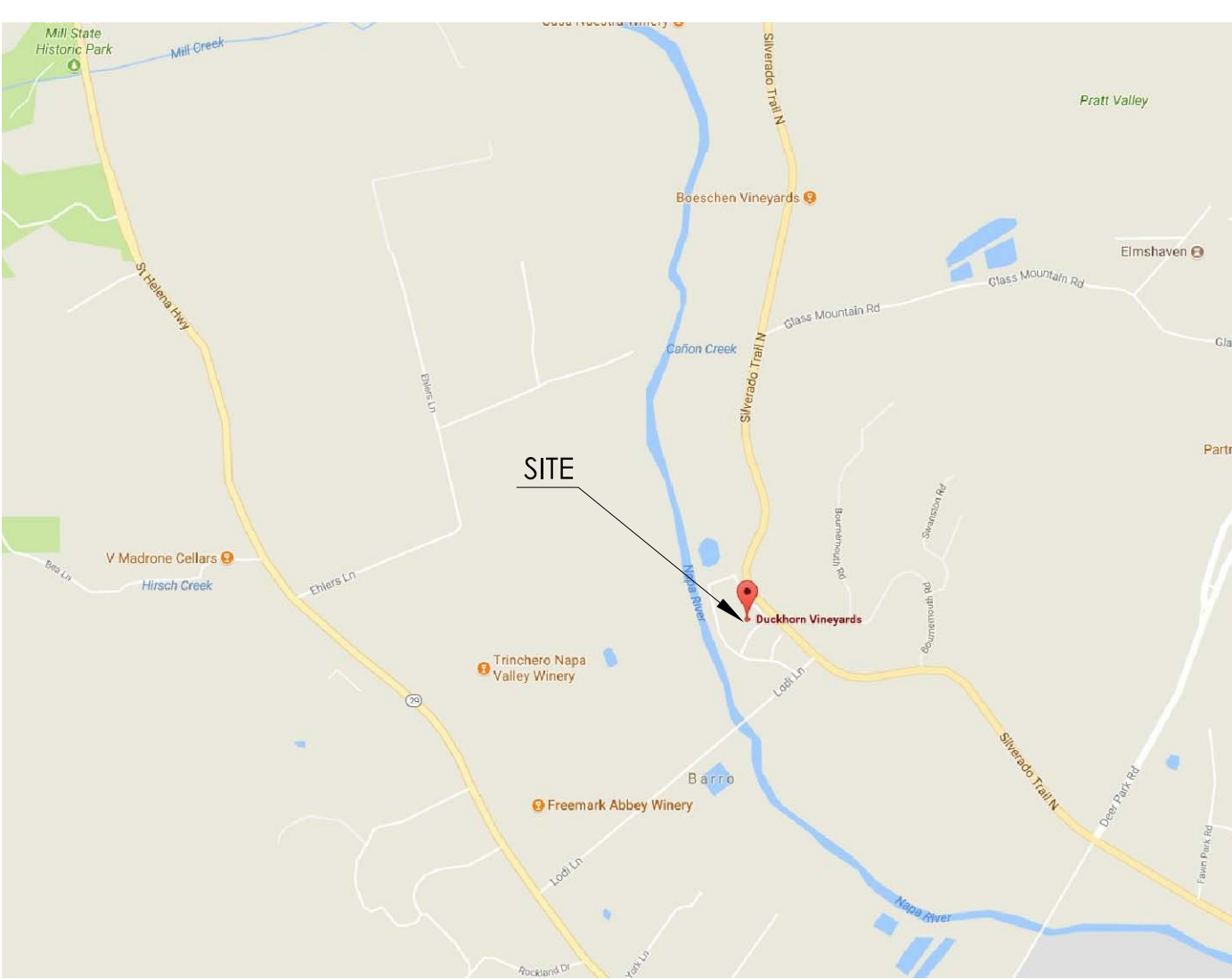


DUCKHORN VINEYARDS WINERY

USE PERMIT MODIFICATION  
P19-00097 / P19-00098

1000 LODI LANE  
ST. HELENA, CA 94574

VICINITY MAP



PROJECT DIRECTORY

OWNER / APPLICANT:	Duckhorn Wine Comprny Contact: Zach Rasmuson 1000 Lodi Lane St. Helena, Ca 94574
PLANNING CONSULTANT:	Monteverdi Consulting, LLC Contact : George H Monteverdi PO Box 6079 Napa, CA 94581 Phone : (707)761-2516 george@monteverdiconsulting.com
ARCHITECT:	vonRaesfeld & Associates Architects Inc Contact: Steve vonRaesfeld 108 Petaluma Blvd, Suite 200 Petaluma CA 94952 Phone: (707) 762-6006 steve@vra-arch.com
LANDSCAPE ARCHITECT:	Stephanie McAllister Landscape Architecture Contact : Stephanie McAllister 145 Keller Street Petaluma, CA 94952 Phone: (707) 778-7693 stephanie@stephaniemcallister.com
CIVIL ENGINEER:	Bartelt Engineering Contact: Paul Bartelt 1303 Jefferson St. #200 B Napa, CA 94559 Phone: (707) 258-1301 paulb@barteltengineering.com
SURVEYOR:	Albion Surveys Contact: Joseph R. Sullivan 1113 Hunt Ave. St. Helena CA 94574 Phone: (707) 963-1217 jsullivan@albionsurveys.com
FLOODPLAIN ENGINEER:	Schaaf and Wheeler Consulting Civil Engineers Contact : Robin J. Lee 870 Market Street, Ste. 1278 San Francisco, CA 94102 Phone : (415) 433-4848 x 306 rlee@swsv.com

PROJECT INFORMATION

ADDRESS:	1000 Lodi Lane, St. Helena, CA 95474
PARCEL NO.:	022-130-010, 022-100-033
SITE AREA:	+/-30.34 acres
ZONING:	
CURRENT ZONING:	AP
CURRENT USE:	AGRICULTURAL PROCESSING WITH PUBLIC TASTING ROOM
PROPOSED USE:	AGRICULTURAL PROCESSING WITH PUBLIC TASTING ROOM
ZONING HEGHT LIMIT:	35

PARKING SUMMARY:  
SEE CIVIL DRAWINGS, UPS & UP7.

BUILDING AREAS

SEE SHEET G-1 FOR AREA INFORMATION

DRAWING INDEX

<b>GENERAL</b>	
T-1	TITLE SHEET: PROJECT INFORMATION
G-1	ACCESSORY - PRODUCTION RATIO CALCULATION
EC-1	EXISTING CONDMION SITE PLAN
<b>ARCHITECTURAL</b>	
<b>SITE</b>	
A1.1	PROPOSED CONDITION SITE PLAN
A1.2	ENLARGED PROPOSED SITE PLAN - EAST
A1.3	ENLARGED PROPOSED SITE PLAN - WEST
<b>ESTATE HOUSE</b>	
A2.0	ESTATE HOUSE - EXISTING CONDITION PLAN
A2.1	ESTATE HOUSE - PROPOSED LOWER LEVEL PLAN
A2.2	ESTATE HOUSE - PROPOSED UPPER LEVEL PLAN
A2.3	ESTATE HOUSE - PROPOSED ELEVATIONS
A2.4	ESTATE HOUSE - COLOR & MATERIALS
A3.1	PROPOSED CONSERVATORY - PLAN
A3.2	PROPOSED CONSERVATORY - ELEVATIONS
<b>WEST WINERY</b>	
A4.1	WEST WINERY - LOWER AND UPPER LEVEL PLANS
A4.2	WEST WINERY - ELEVATIONS
A4.3	WEST WINERY - COLOR & MATERIALS
A5.0	WEST WINERY - INTERIM TASTING ROOM
<b>LANDSCAPE</b>	
L1.1	PLANTING PLAN WEST WINERY
<b>CIVIL</b>	
UP1	OVERALL SITE PLAN
UP2	PHOTOGRAPHIC DOCUMENTATION
UP3	DEMOLITION PLAN - PRODUCTION FACILITY
UP4	DEMOLITION PLAN - ESTATE
UP5	PROPOSED CONDITIONS - PRODUCTION FACILITY
UP6	PROPOSED CONDITIONS - ESTATE
UP7	PARKING AND DRIVEWAY ANALYSIS - ESTATE
UP8	SITE DISTANCE EXHIBITS
UP9	WINERY AREA COVERAGE EXHIBIT
UP10	WINERY DEVELOPMENT EXHIBITS
UP11	IMPERVIOUS AREA EXHIBITS
UP12	STORMWATER CONTROL PLAN-PRODUCTION FACILITY
UP13	STORMWATER CONTROL PLAN - ESTATE

SUMMARY OF REVISIONS

REVISION-1 : USE PERMIT RESUBMITTAL 08.13.20

In response to Napa County's 04.24.2019 incompleteness letter, the following changes have been made to the plan set since its last issue :

- ESTATE HOUSE :
- Elimination of the ±4,407sf conservatory (floodplain conflict)
  - Incorporation of previously proposed conservatory functions into the Estate House Addition by :
    - Expanding lower level by ±2,731sf
    - Adding ±2,138sf to the second floor
  - Miscellaneous site alterations to accommodate Item #1 above.

- WEST WINERY :
- Revise Admin / Office building to accommodate interim tasting room functions (see Sheet A5.0)
  - Miscellaneous site revisions and landscape plan added

REVISION-2 : USE PERMIT RESUBMITTAL 11.23.20

In response to Napa County's 09.28.2020 incompleteness letter, the following changes have been made to the plan set since its last issue :

- GENERAL:
- Refinement of Accessory & Production Areas and Ratios
  - Addition of Color & Material sheets: A2.4 & A4.3
  - Clarification of:
    - Average building heights
    - Base flood elevation (BFE)
    - Design flood elevation (DFE)

EXHIBIT - C PERMIT MODIFICATION P19-00097 & 00098

T-1

TITLE SHEET

ISSUE : Use Permit Submittal      DATE: 03.21.19

1 REVISION 1 : Use Permit Resubmittal      DATE: 08.13.20

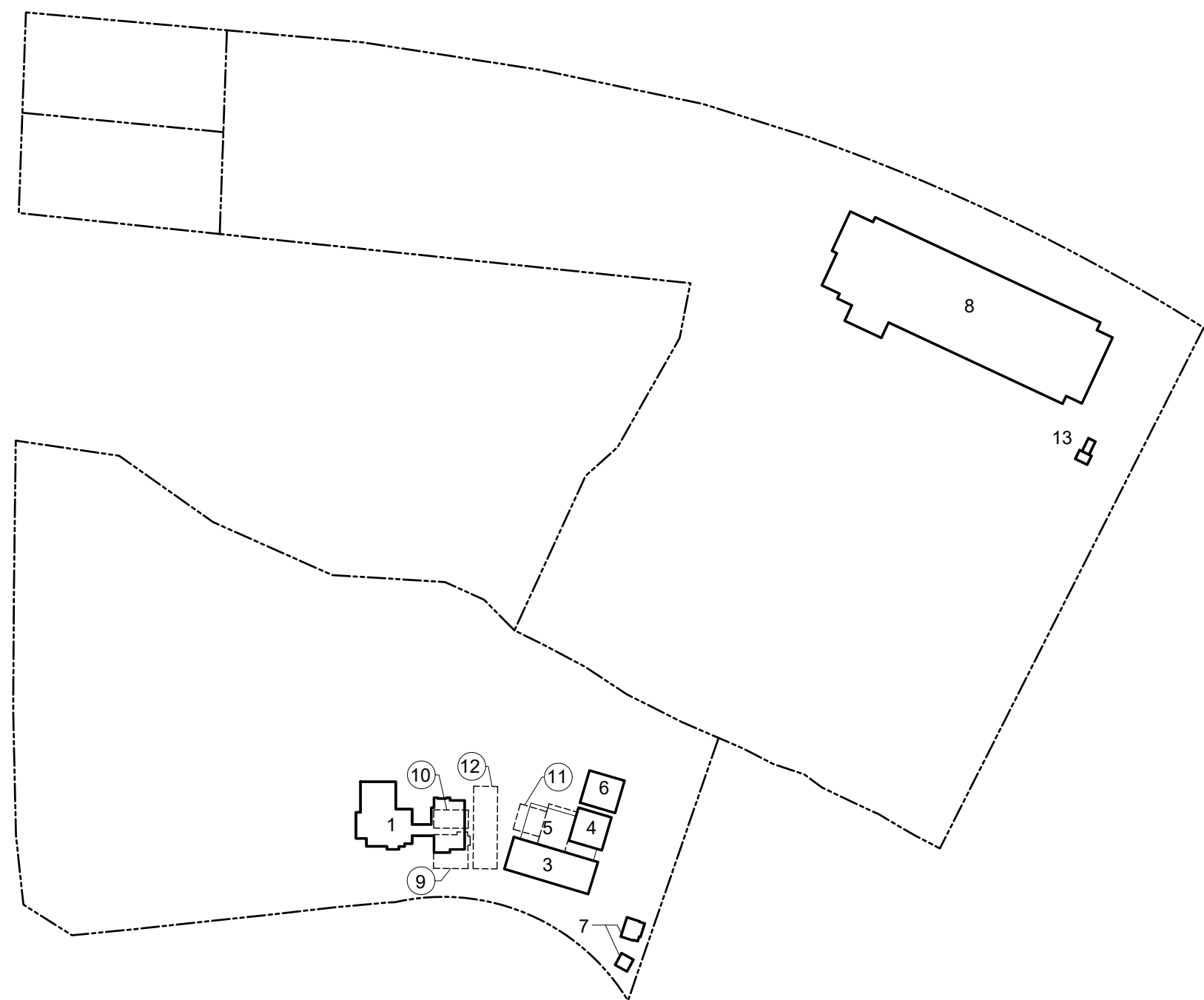
2 REVISION 2 : Use Permit Resubmittal      DATE: 11.23.20

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Petaluma, California 94952  
Ph: (707) 762-6006







## KEY PLAN

Scale: NTS

EXISTING CONDITION						
Key	Description	Accessory Use Areas		Production Areas		Total Area
		Lower Level	Upper Level	Lower Level	Upper Level	
1	Estate House	6,323	3,000	0	0	9,323
2	not used	0	0	0	0	0
3	Chai-5	0	1,000	10,400	1,200	12,600
4	Chai-6	0	0	2,485	0	2,485
5	Crush Canopy	0	0	2,510	0	2,510
6	Chai-7	0	990	2,415	1,217	4,622
7	Mtc. Building	0	0	1,045	n/a	1,045
8	West Winery	future	0	0	0	0
9	Chai-1 & 2	0	n/a	2,565	n/a	2,565
10	Chai-3	0	n/a	1,330	n/a	1,330
11	Chai-4	0	n/a	1,525	n/a	1,525
12	Tank Shed	0	n/a	4,185	n/a	4,185
13	Fire Pump / Trash	future	0	0	0	0

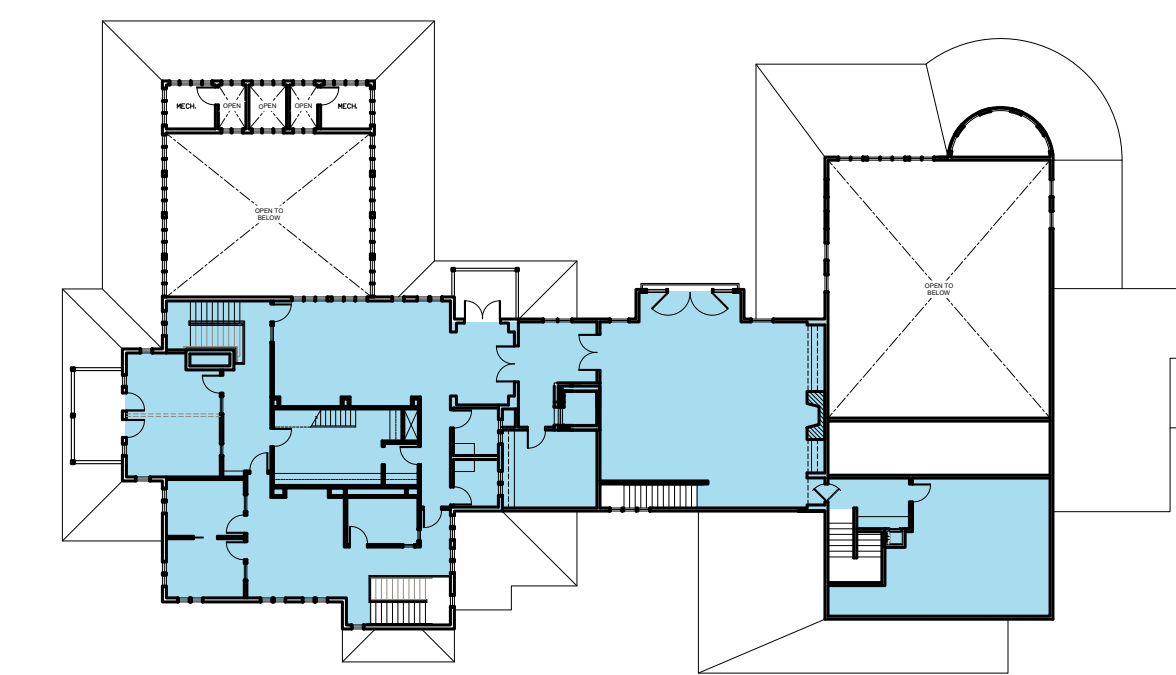
Total Accessory Area: 11,313  
Total Production Area: 30,877  
Accessory / Production: 37%

PROPOSED CONDITION						
Key	Description	Accessory Use Areas		Production Areas		Total Area
		Lower Level	Upper Level	Lower Level	Upper Level	
1	Estate House	12,672	5,138	352	0	18,162
2	not used	0	0	0	0	0
3	Chai-5	0	1,000	10,400	1,200	12,600
4	Chai-6	0	0	2,485	0	2,485
5	Crush Canopy	0	0	5,000	0	5,000
6	Chai-7	0	990	2,415	1,217	4,622
7	Mtc. Building	0	0	1,045	n/a	1,045
8	West Winery	2,067	1,253	54,338	384	58,042
9	Chai-1 & 2	0	0	0	0	0
10	Chai-3	0	0	0	0	0
11	Chai-4	0	0	0	0	0
12	Tank Shed	0	0	0	0	0
13	Fire Pump / Trash	0	0	556	0	556

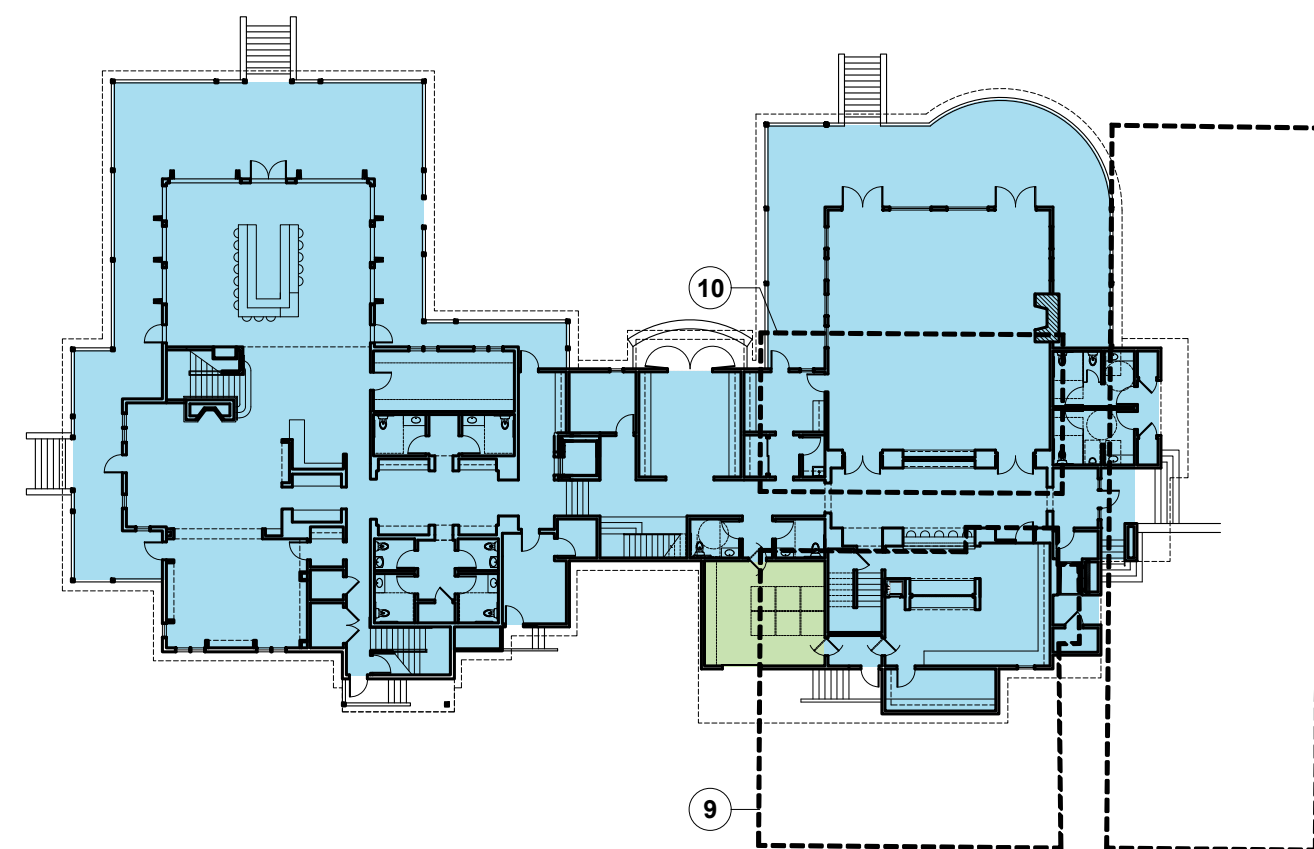
Total Accessory Area: 23,120  
Total Production Area: 79,392  
Accessory / Production: 29%

- ACCESSORY USE AREAS
- PRODUCTION USE AREAS
- STRUCTURES TO BE REMOVED

## BUILDING AREAS & ACCESSORY / PRODUCTION RATIO



UPPER LEVEL 5,138 SF



LOWER LEVEL 13,024 SF

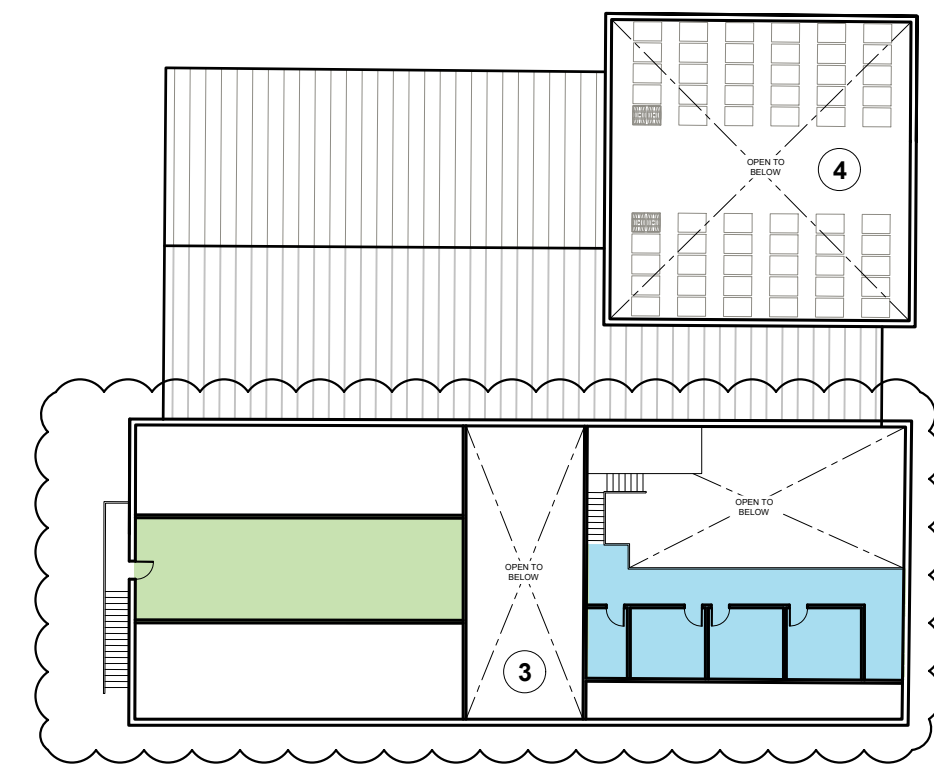
### 1 ESTATE HOUSE

Scale: 1/32" = 1'-0"

TOTAL: 18,162 SF

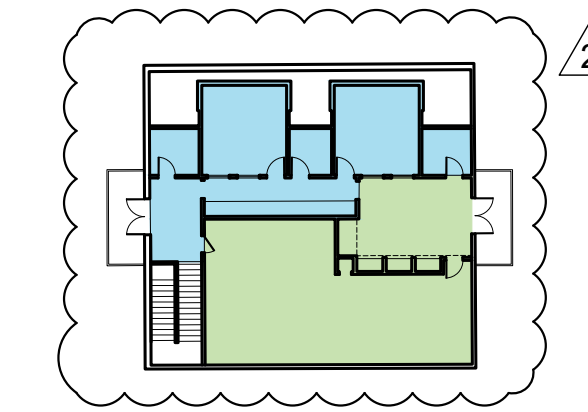
### 2 CONSERVATORY (ELIMINATED)

Scale: 1/32" = 1'-0"



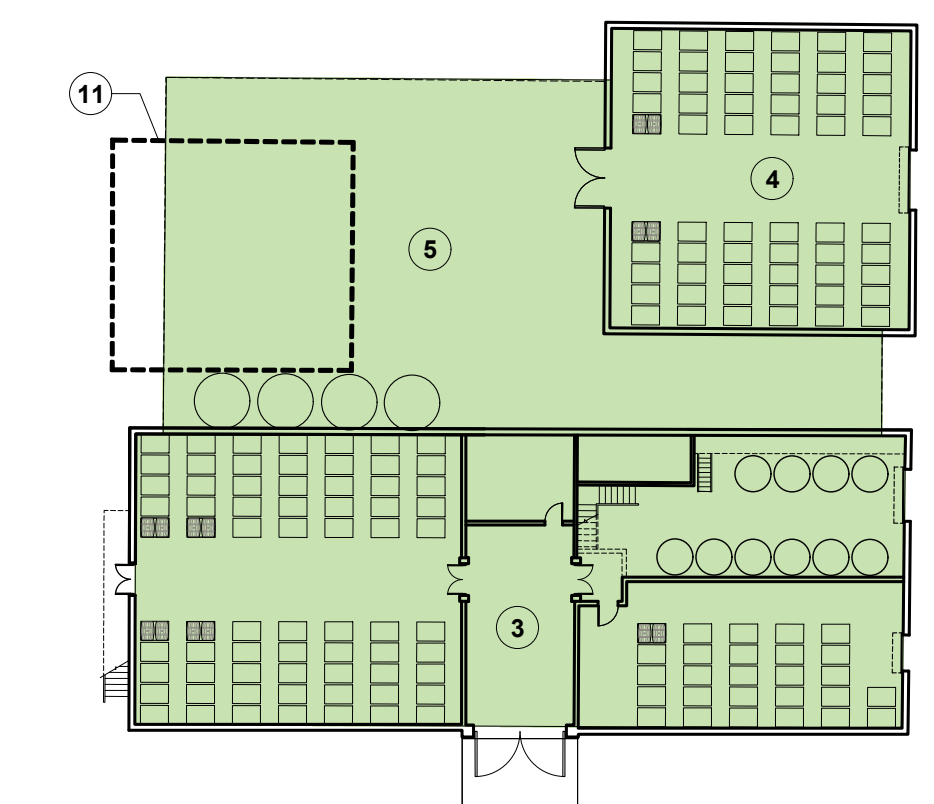
UPPER LEVEL

CHAI 5 : 2,200 SF  
CHAI 6 : 2,485 SF  
CRUSH CANOPY : 5,000 SF



UPPER LEVEL

2,207 SF



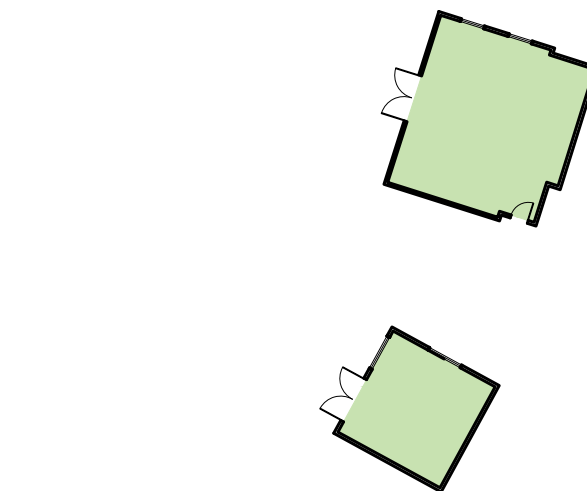
LOWER LEVEL

CHAI 5 : 10,400 SF  
CHAI 6 : 2,485 SF  
CRUSH CANOPY : 5,000 SF



LOWER LEVEL

2,415 SF



LOWER LEVEL

1,045 SF

### 6 CHAI 7

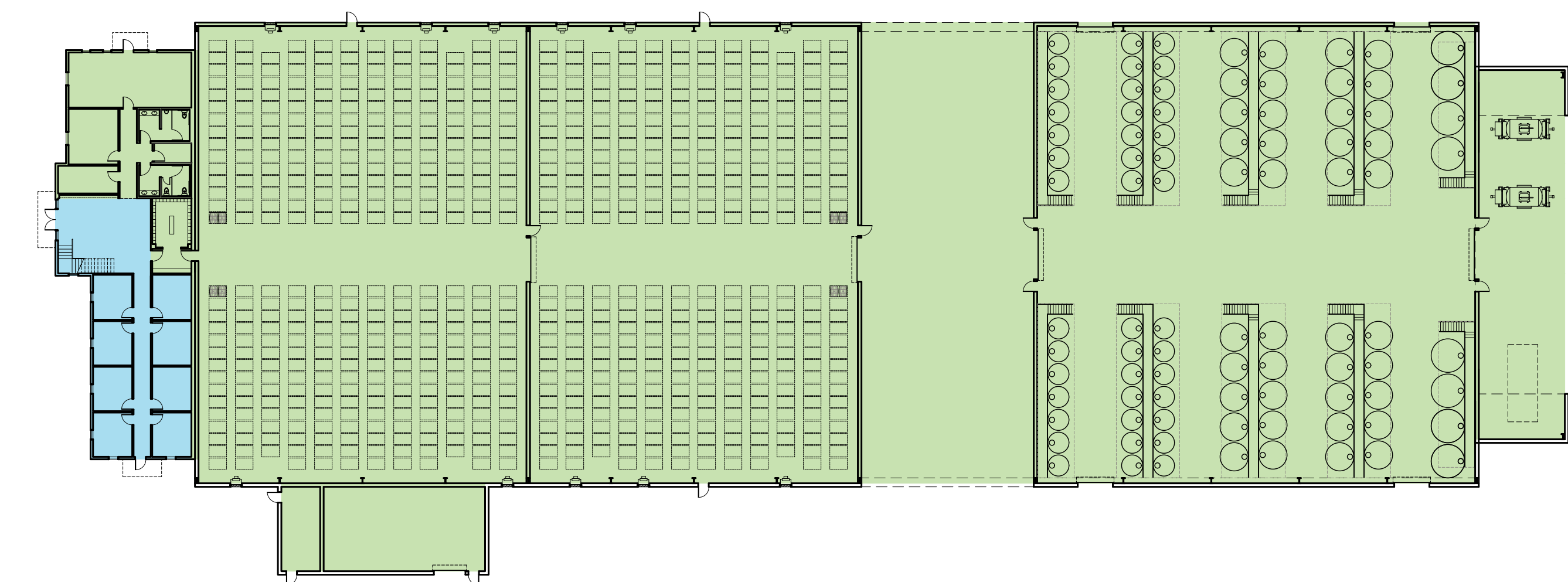
Scale: 1/32" = 1'-0"

TOTAL: 4,622 SF

### 7 WINERY MAINTENANCE BLDGS

Scale: 1/32" = 1'-0"

TOTAL: 1,045 SF

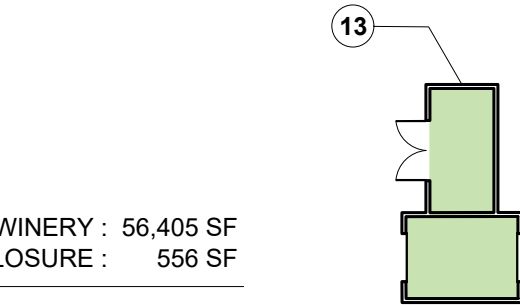


LOWER LEVEL

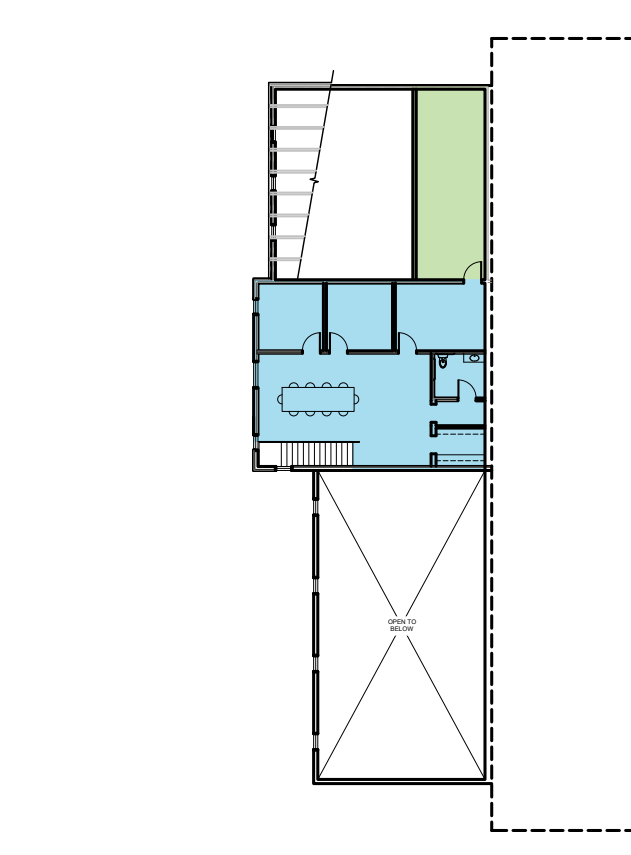
WEST WINERY : 56,405 SF  
FIRE PUMP / TRASH ENCLOSURE : 556 SF

### 8 WEST WINERY

Scale: 1/32" = 1'-0"



TOTAL WEST WINERY : 58,042 SF  
FIRE PUMP / TRASH ENCLOSURE : 556 SF



UPPER LEVEL 1,637 SF

## PROPOSED PROJECT : ACCESSORY - PRODUCTION RATIO CALCULATION

ISSUE : Use Permit Submittal DATE: 03.21.19  
REVISION 1 : Use Permit Resubmittal DATE: 08.13.20  
REVISION 2 : Use Permit Resubmittal DATE: 11.23.20

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Petaluma, California 94952  
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**R**a  
ARCHITECTS

## ACCESSORY / PRODUCTION EXHIBIT



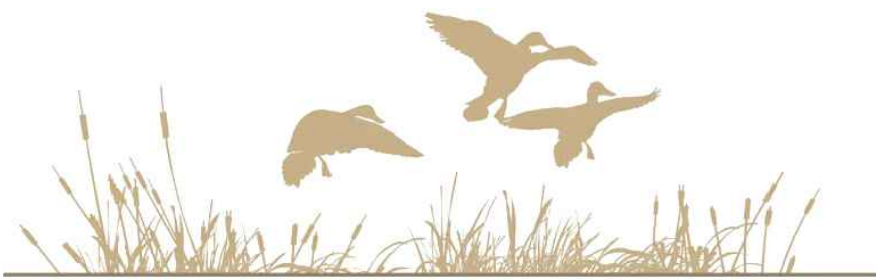
KEYED NOTES

STRUCTURES

- 1 ESTATE HOUSE
- 2 NOT USED
- 3 CHAI 5 : BARREL STORAGE
- 4 CHAI 6: BARREL STORAGE
- 5 CRUSH CANOPY
- 6 CHAI 7: BARREL STORAGE
- 7 WINERY MAINTENANCE BUILDINGS
- 8 NOT USED
- 9 CHAI 1 & 2: BARREL STORAGE
- 10 CHAI 3: BARREL STORAGE
- 11 CHAI 4: BARREL STORAGE
- 12 TANK SHED
- 13 PUMP HOUSE AND WATER TANK
- 14 GARDEN SHED
- 15 PUMP HOUSE
- 16 EXISTING RESIDENCE

SITE FEATURES

- 17 EXISTING VISITOR PARKING
- 18 EXISTING ACCESSIBLE PARKING
- 19 EXISTING GARDENS



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WINE COMPANY

DUCKHORN VINEYARDS WINERY

USE PERMIT MODIFICATION  
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LEGEND

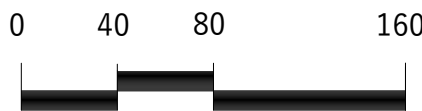
 STRUCTURE TO BE REMOVED

EC-1



EXISTING CONDITION SITE  
PLAN

Scale: 1:80



ISSUE : Use Permit Submittal      DATE: 03.21.19

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KEYED NOTES

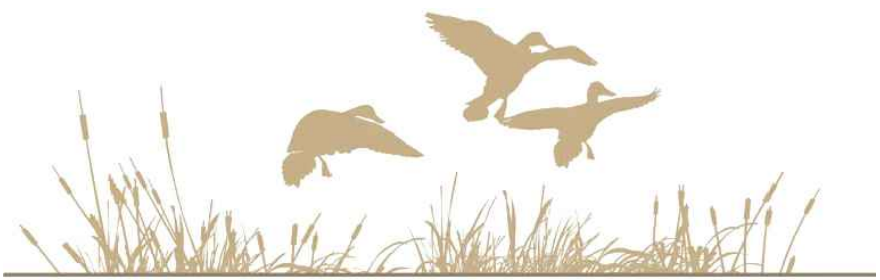
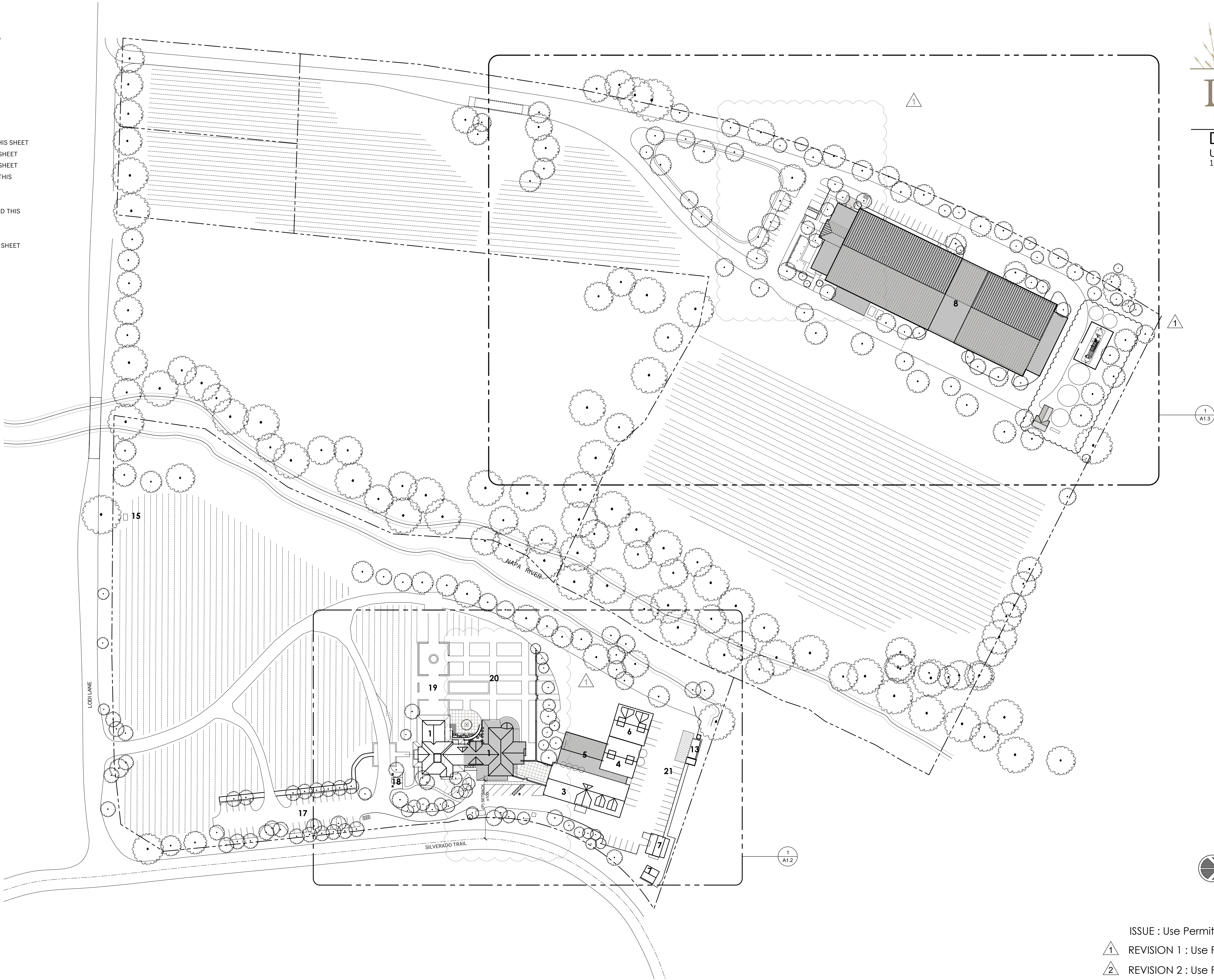
STRUCTURES

- 1 ESTATE HOUSE: TO REMAIN, SEE A2.1 AND A2.2 FOR PROPOSED ALTERATION
- 2 NOT USED
- 3 CHAI 5 : STRUCTURE TO REMAIN,
- 4 CHAI 6 : STRUCTURE TO REMAIN
- 5 CRUSH CANOPY : STRUCTURE TO BE REPLACED / ENLARGED
- 6 CHAI 7 : STRUCTURE TO REMAIN
- 7 WINERY MAINTENANCE BUILDINGS : STRUCTURES TO REMAIN
- 8 PROPOSED WINERY, SEE A4.1 AND 4.2
- 9 CHAI 1 & 2 : STRUCTURE TO BE REMOVED, NOT REFERENCED THIS SHEET
- 10 CHAI 3 : STRUCTURE TO BE REMOVED, NOT REFERENCED THIS SHEET
- 11 CHAI 4 : STRUCTURE TO BE REMOVED, NOT REFERENCED THIS SHEET
- 12 TANK SHED: STRUCTURE TO BE REMOVED, NOT REFERENCED THIS SHEET
- 13 PUMP HOUSE AND WATER TANK: STRUCTURE TO REMAIN
- 14 GARDEN SHED: STRUCTURE TO BE REMOVED, NOT REFERENCED THIS SHEET
- 15 PUMP HOUSE: STRUCTURE TO REMAIN
- 16 EXISTING RESIDENCE: TO BE REMOVED, NOT REFERENCED THIS SHEET

SITE FEATURES

- 17 EXISTING VISITOR PARKING: TO REMAIN
- 18 EXISTING ACCESSIBLE PARKING: TO REMAIN
- 19 EXISTING GARDENS: TO BE RECONFIGURED

- 20 PROPOSED GARDENS
- 21 PROPOSED EMPLOYEE PARKING



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LEGEND



A1.1

PROPOSED CONDITION SITE  
PLAN



Scale: 1:80



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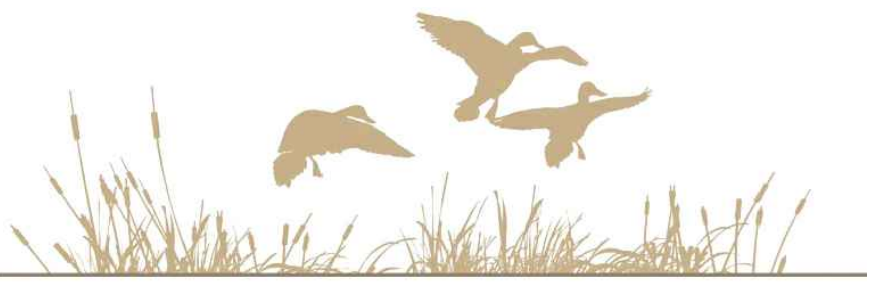
KEYED NOTES

STRUCTURES

- 1 ESTATE HOUSE  
1A EXISTING ESTATE HOUSE VERANDA  
1B EXISTING ESTATE HOUSE, SEE A2.1 FOR PROPOSED ALTERATION  
1C PROPOSED ESTATE HOUSE ADDITION, SEE A2.1  
1D PROPOSED LOADING DOCK AND STORAGE  
1E PROPOSED VERANDA  
2 NOT USED  
3 CHAI 5 : STRUCTURE TO REMAIN,  
4 CHAI 6: STRUCTURE TO REMAIN  
5 CRUSH CANOPY : STRUCTURE TO BE REPLACED / ENLARGED  
6 CHAI 7: STRUCTURE TO REMAIN  
7 WINERY MAINTENANCE BUILDINGS : STRUCTURES TO REMAIN  
8 PROPOSED WINERY, SEE A4.1 AND 4.2; NOT REFERENCED THIS SHEET  
9 CHAI 1 & 2: STRUCTURE TO BE REMOVED  
10 CHAI 3: STRUCTURE TO BE REMOVED  
11 CHAI 4: STRUCTURE TO BE REMOVED  
12 TANK SHED: STRUCTURE TO BE REMOVED  
13 PUMP HOUSE AND WATER TANK: STRUCTURE TO REMAIN  
14 GARDEN SHED: STRUCTURE TO BE REMOVED, NOT REFERENCED THIS SHEET  
15 PUMP HOUSE: STRUCTURE TO REMAIN, NOT REFERENCED THIS SHEET  
16 EXISTING RESIDENCE: TO BE REMOVED, NOT REFERENCED THIS SHEET

SITE FEATURES

- 17 EXISTING VISITOR PARKING: TO REMAIN  
17A EXISTING BICYCLE PARKING  
18 EXISTING ACCESSIBLE PARKING: TO REMAIN  
19 EXISTING GARDENS: TO BE RECONFIGURED  
20 PROPOSED GARDENS  
21 PROPOSED EMPLOYEE PARKING  
22 EXISTING TRASH ENCLOSURE  
23 PROPOSED GENERATOR PAD  
24 24" ROCK WALL  
25 6'-0" PRIVACY WALL



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LEGEND

- STRUCTURE TO BE REMOVED  
PROPOSED STRUCTURE

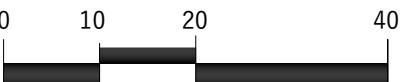
KEY PLAN  
nts

A1.2

ENLARGED PROPOSED  
SITE PLAN - EAST



Scale: 1:20



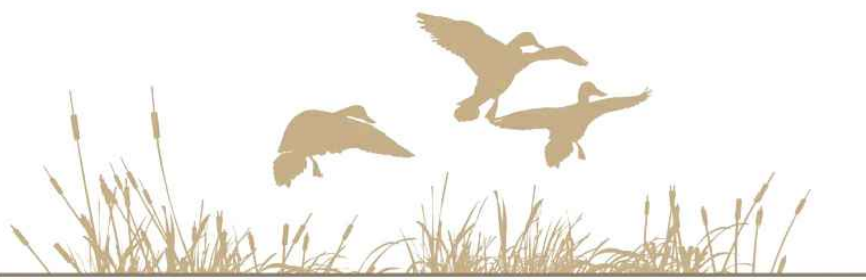
- ISSUE : Use Permit Submittal DATE: 03.21.19  
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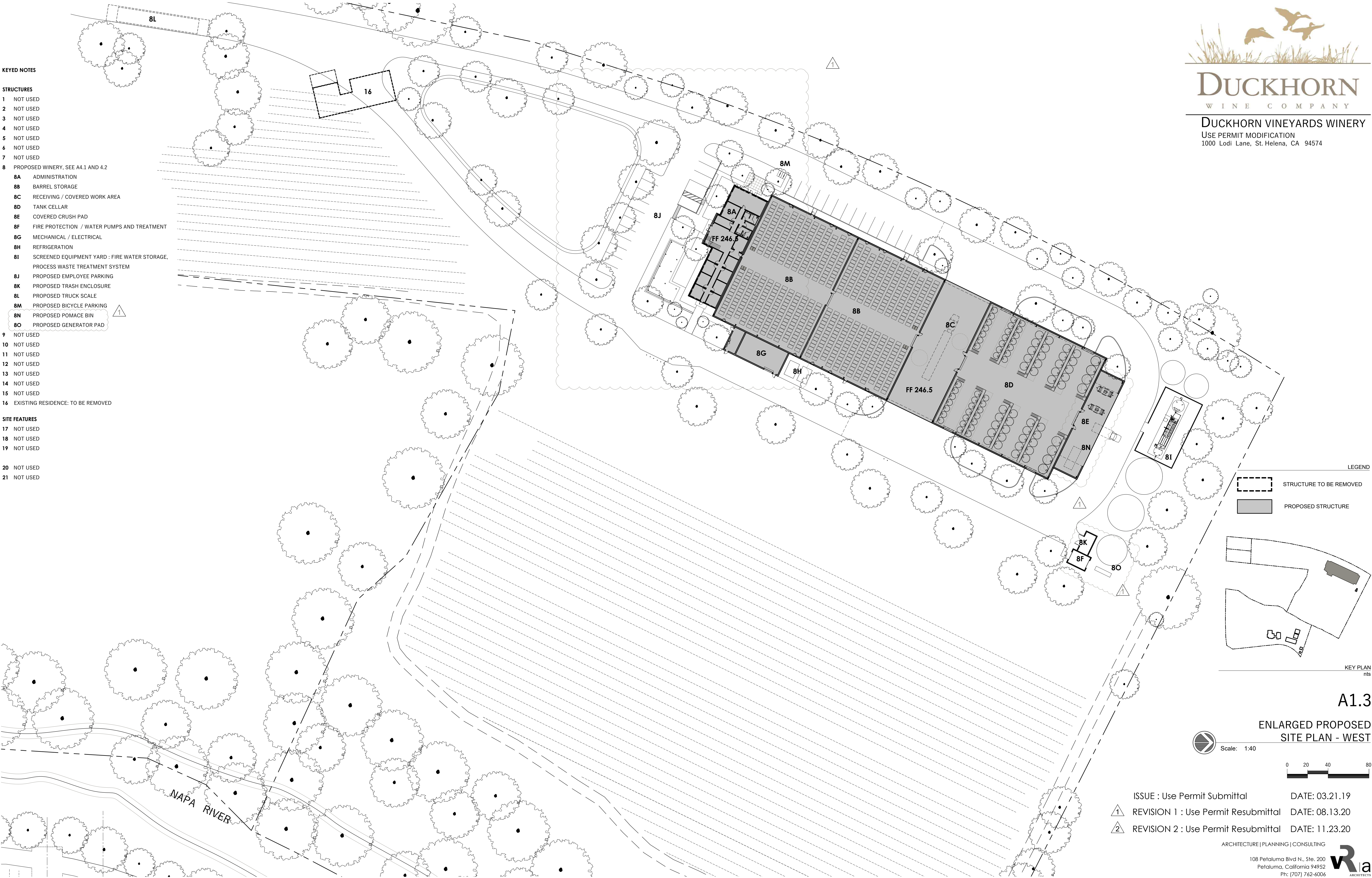
KEYED NOTES

STRUCTURES

- 1 NOT USED
- 2 NOT USED
- 3 NOT USED
- 4 NOT USED
- 5 NOT USED
- 6 NOT USED
- 7 NOT USED
- 8 PROPOSED WINERY, SEE A4.1 AND 4.2
  - 8A ADMINISTRATION
  - 8B BARREL STORAGE
  - 8C RECEIVING / COVERED WORK AREA
  - 8D TANK CELLAR
  - 8E COVERED CRUSH PAD
  - 8F FIRE PROTECTION / WATER PUMPS AND TREATMENT
  - 8G MECHANICAL / ELECTRICAL
  - 8H REFRIGERATION
  - 8I SCREENED EQUIPMENT YARD : FIRE WATER STORAGE, PROCESS WASTE TREATMENT SYSTEM
  - 8J PROPOSED EMPLOYEE PARKING
  - 8K PROPOSED TRASH ENCLOSURE
  - 8L PROPOSED TRUCK SCALE
  - 8M PROPOSED BICYCLE PARKING
  - 8N PROPOSED POMACE BIN
  - 8O PROPOSED GENERATOR PAD
- 9 NOT USED
- 10 NOT USED
- 11 NOT USED
- 12 NOT USED
- 13 NOT USED
- 14 NOT USED
- 15 NOT USED
- 16 EXISTING RESIDENCE: TO BE REMOVED

SITE FEATURES

- 17 NOT USED
- 18 NOT USED
- 19 NOT USED
- 20 NOT USED
- 21 NOT USED



LEGEND

- STRUCTURE TO BE REMOVED
- PROPOSED STRUCTURE

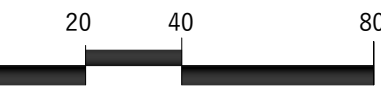
KEY PLAN

A1.3

ENLARGED PROPOSED  
SITE PLAN - WEST



Scale: 1:40



ISSUE : Use Permit Submittal DATE: 03.21.19

1 REVISION 1 : Use Permit Resubmittal DATE: 08.13.20

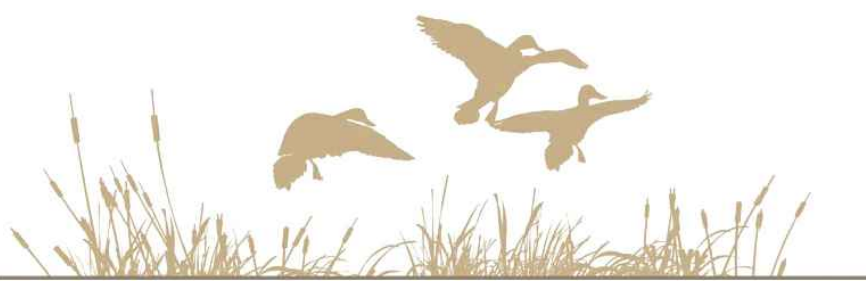
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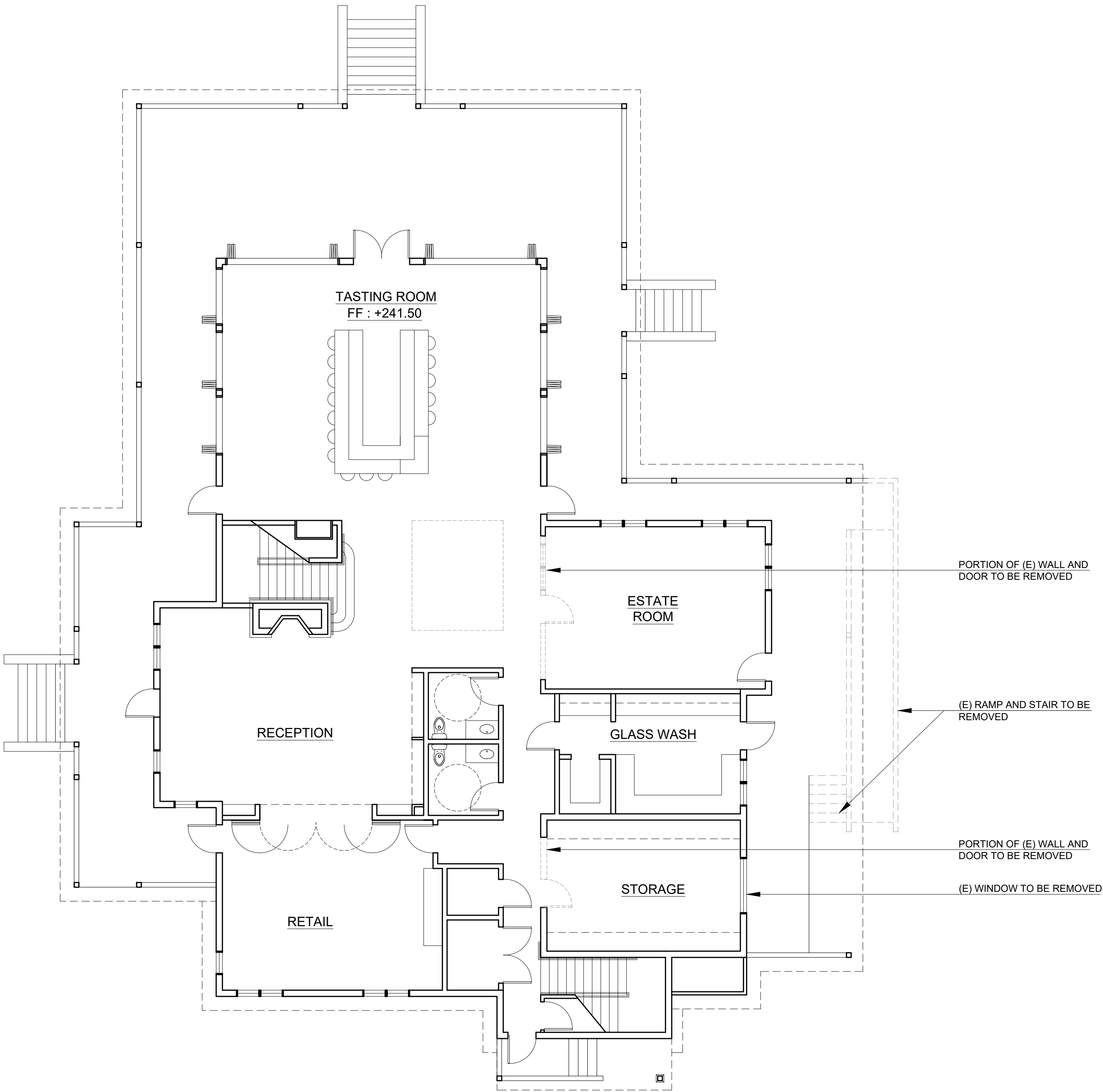




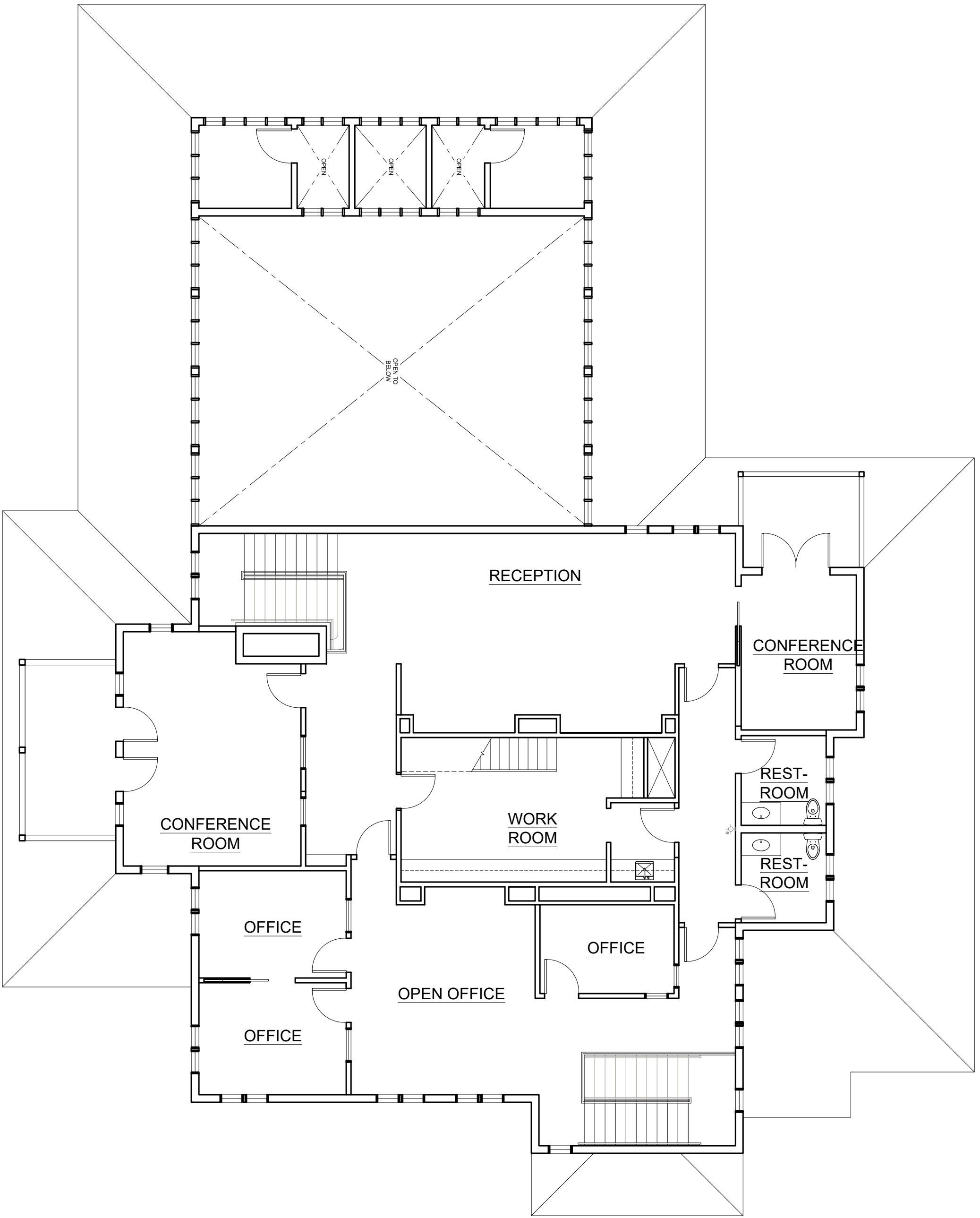


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WINE COMPANY

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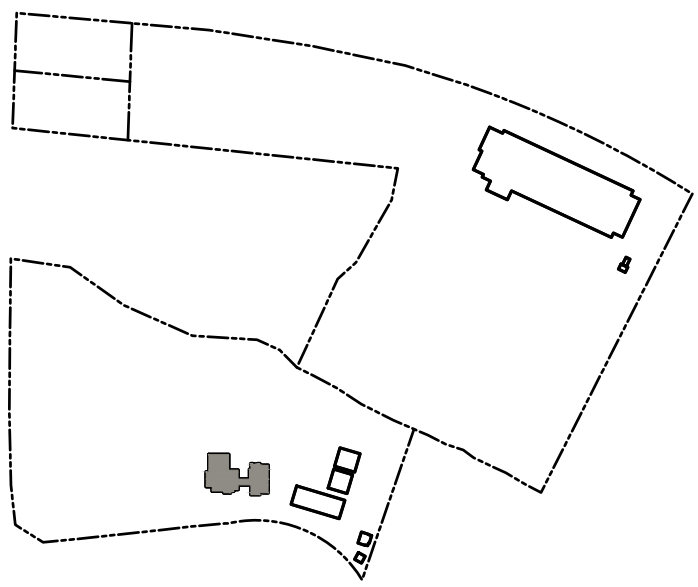


LOWER LEVEL



UPPER LEVEL

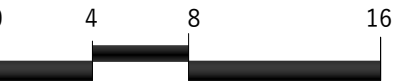
NOTE : THIS PLAN REFLECTS FLOOR PLAN  
APPROVED UNDER P19-00375-VMM



KEY PLAN



Scale: 1/8" = 1'-0"

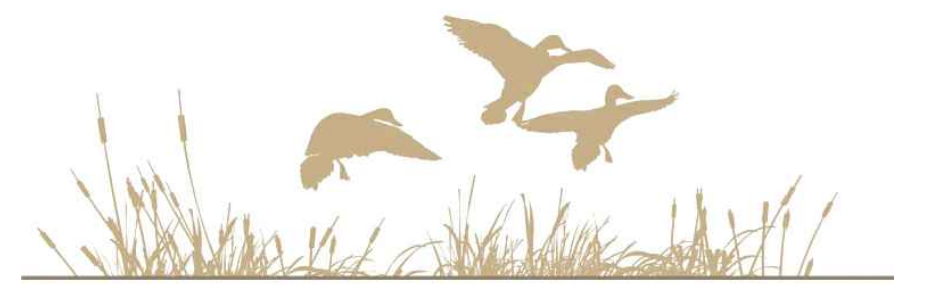


ISSUE : Use Permit Submittal DATE: 03.21.19  
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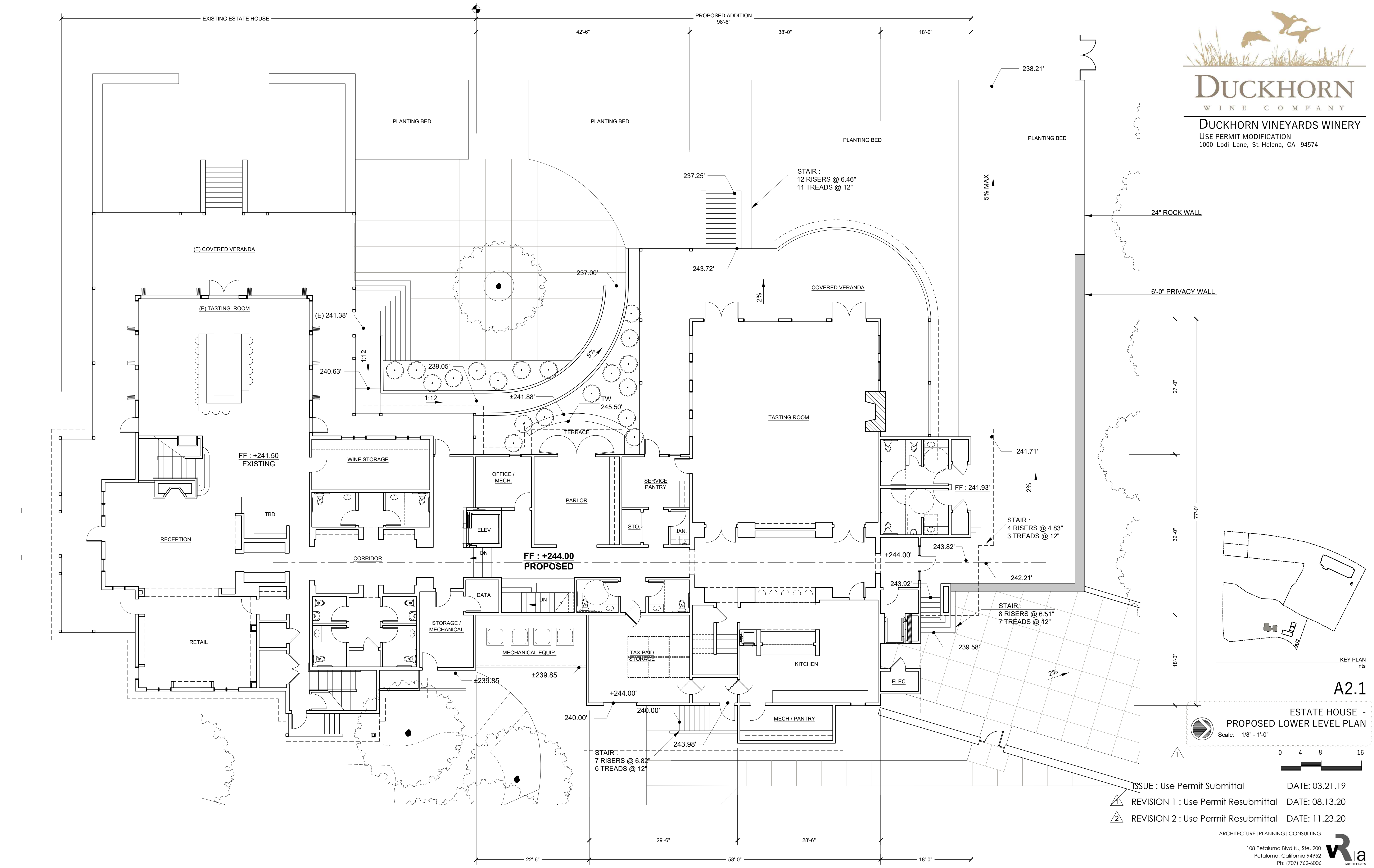
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WINE COMPANY

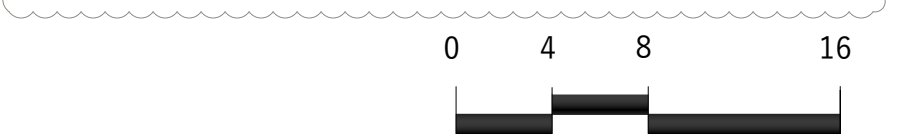
DUCKHORN VINEYARDS WINERY  
USE PERMIT MODIFICATION  
1000 Lodi Lane, St. Helena, CA 94574



KEY PLAN  
nts

A2.1

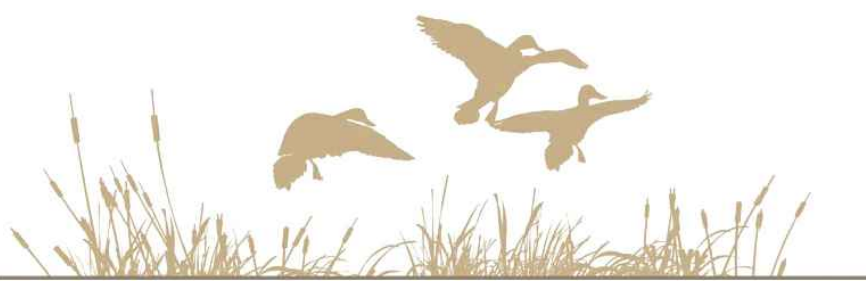
ESTATE HOUSE -  
PROPOSED LOWER LEVEL PLAN  
Scale: 1/8" = 1'-0"



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1 REVISION 1 : Use Permit Resubmittal      DATE: 08.13.20  
2 REVISION 2 : Use Permit Resubmittal      DATE: 11.23.20

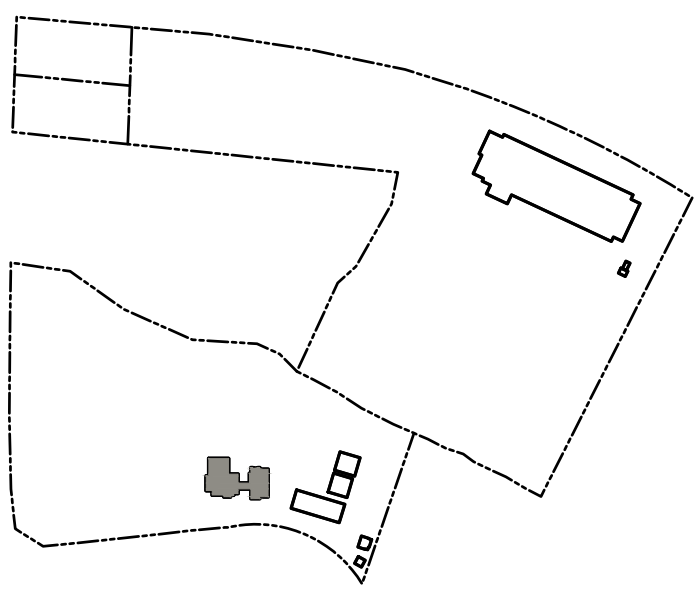
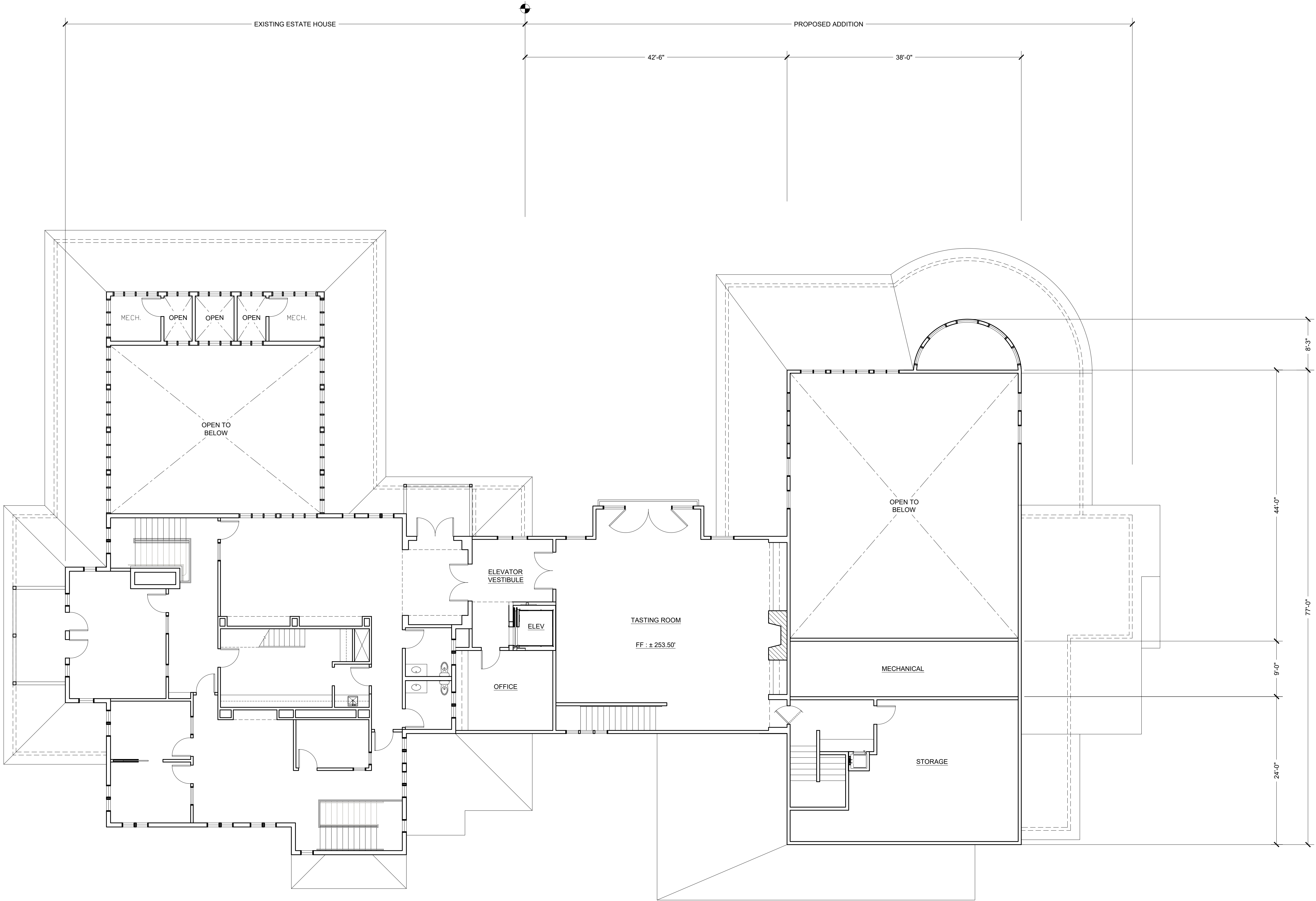
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WINE COMPANY

DUCKHORN VINEYARDS WINERY  
USE PERMIT MODIFICATION  
1000 Lodi Lane, St. Helena, CA 94574



KEY PLAN  
nts

**A2.2**

ESTATE HOUSE - PROPOSED  
UPPER LEVEL PLAN

Scale: 1/8" = 1'-0"

0 4 8 16

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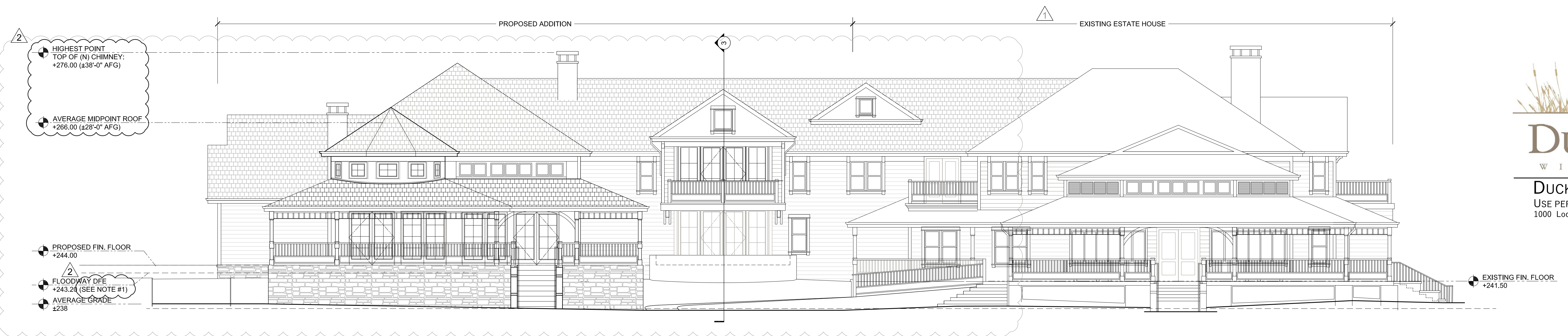
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Petaluma, California 94952  
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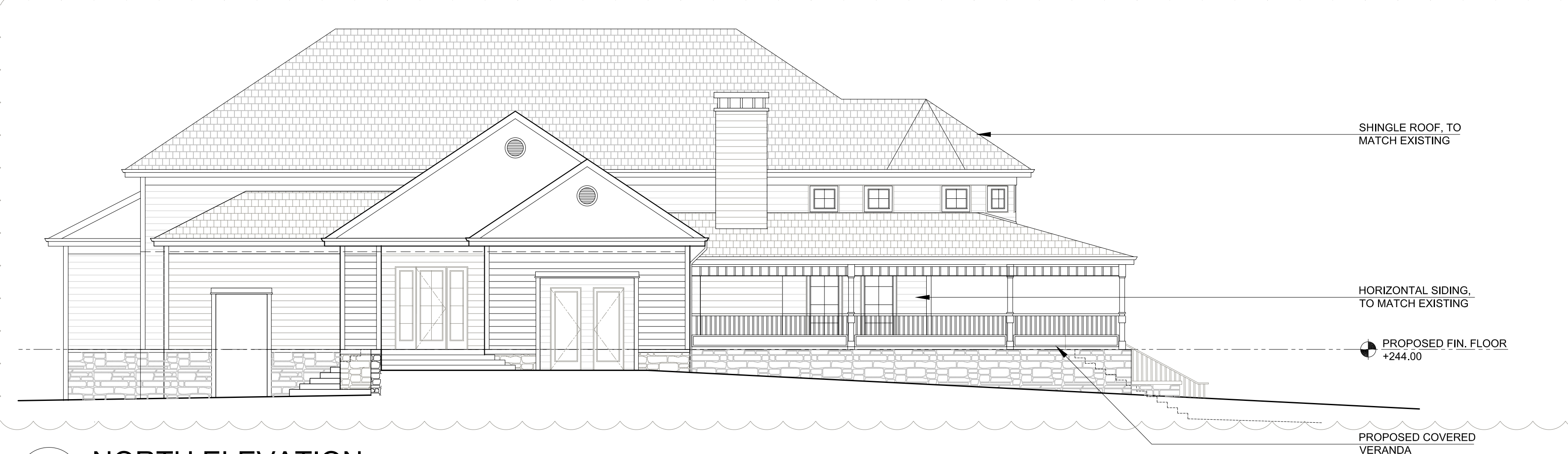


**DUCKHORN**  
WINE COMPANY

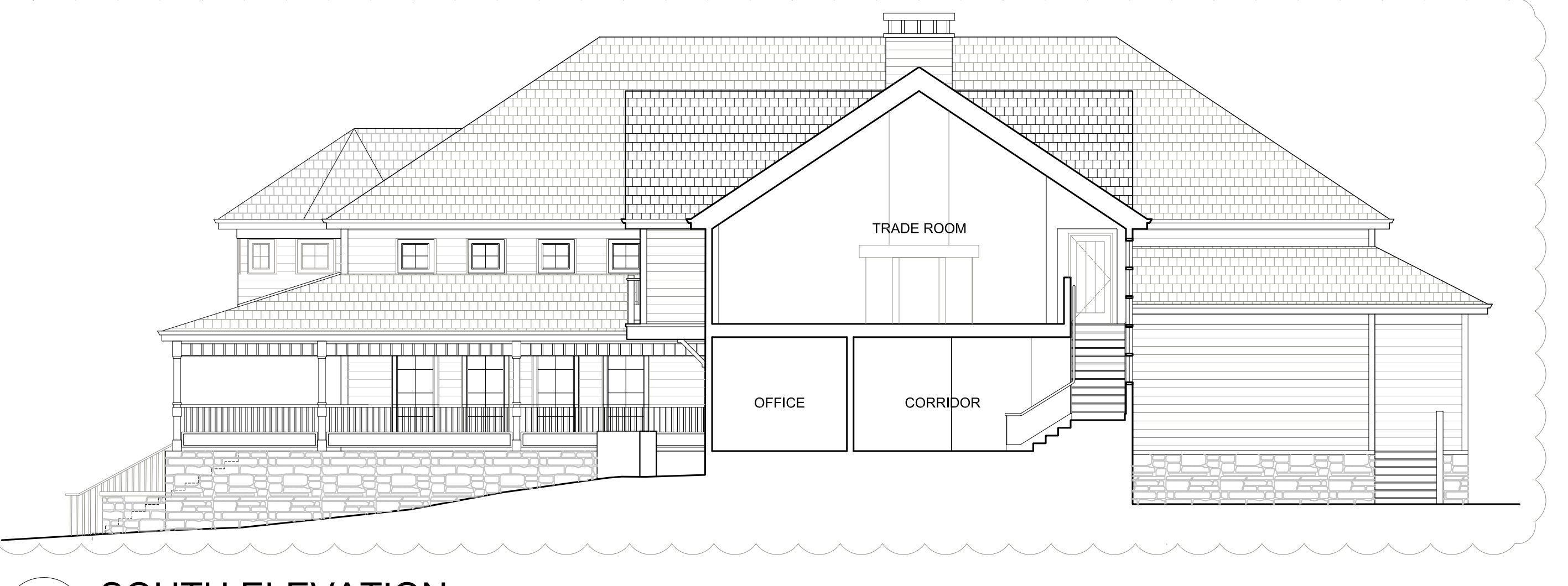
**DUCKHORN VINEYARDS WINERY**  
USE PERMIT MODIFICATION  
1000 Lodi Lane, St. Helena, CA 94574



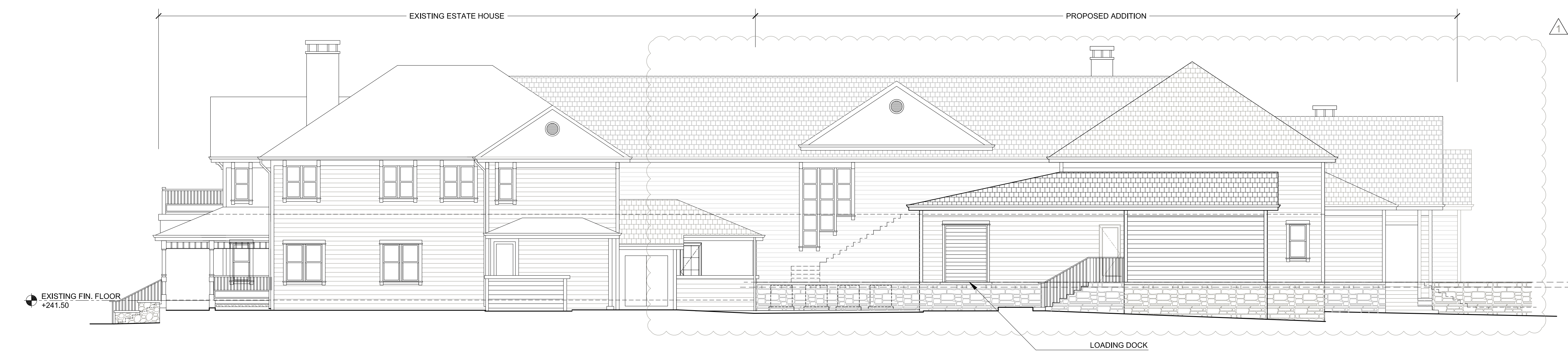
**1 WEST ELEVATION**  
Scale: 1/8" = 1'- 0"



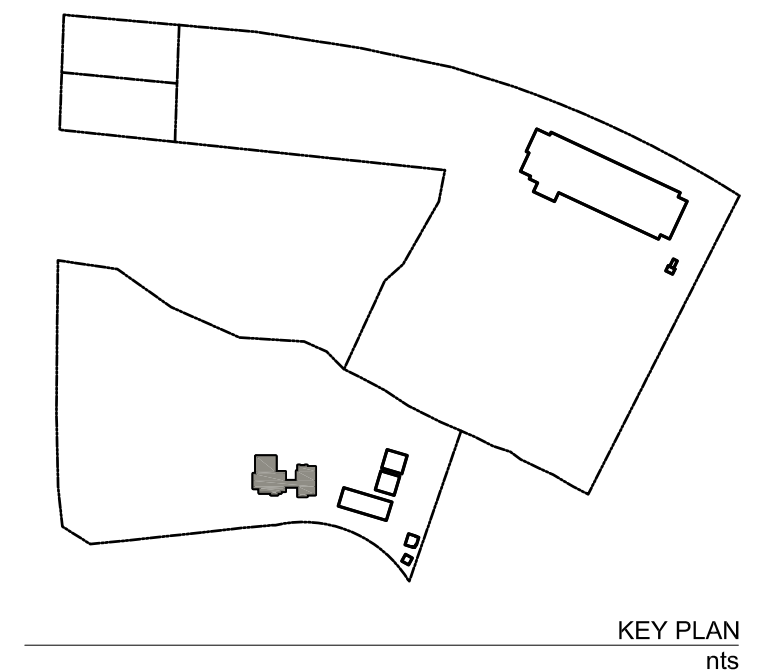
**2 NORTH ELEVATION**  
Scale: 1/8" = 1'- 0"



**3 SOUTH ELEVATION**  
Scale: 1/8" = 1'- 0"



**3 EAST ELEVATION**  
Scale: 1/8" = 1'- 0"



KEY PLAN  
nts

**A2.3**  
**ESTATE HOUSE ADDITION - ELEVATIONS**

Scale: 1/8" = 1'-0"  
0 4 8 16

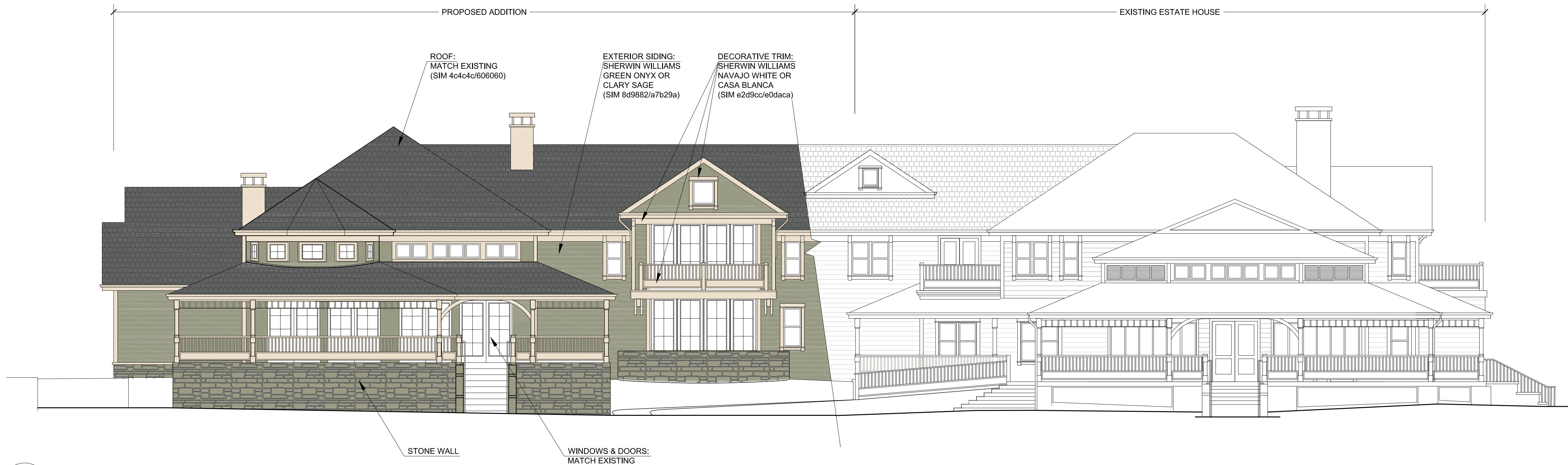
PROPOSED FIN. FLOOR  
+244.00  
FLOODWAY DFE  
+243.20 (SEE NOTE #1)

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NOTES:  
#1 BASE FLOOD ELEVATION (BFE) = ±242.20' NAVD88  
DESIGN FLOOD ELEVATION (DFE) = ±243.20' NAVD88

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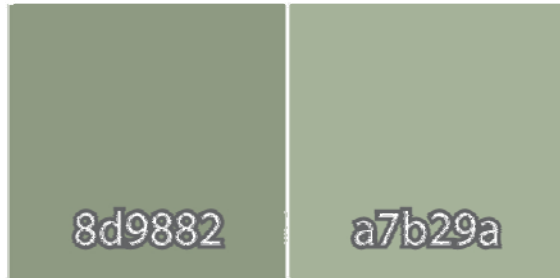


# 1 WEST ELEVATION

Scale: 1/8" = 1'- 0"



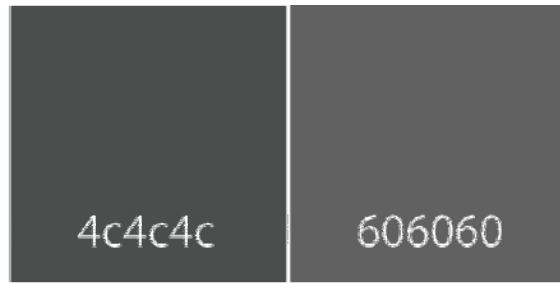
EXTERIOR SHIP LAP & SHINGLE SIDING:  
Sherwin Williams Paint: SW9128 Green Onyx or SW6178 Clary Sage  
Approx. match for County approved Hex Colors 8d9882/a7b29a



Hex Colors 8d9882/a7b29a



ROOF SHINGLES:  
CHARCOAL GRAY, TO MATCH EXISTING  
Approx. match for County approved Hex Colors 4c4c4c/606060



Hex Colors 4c4c4c/606060



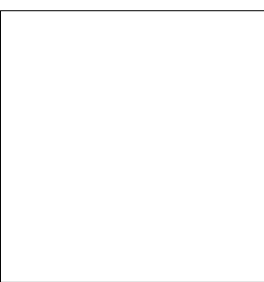
DOOR & WINDOW TRIM, GUARDRAILS & DECORATIVE TRIM:  
Sherwin Williams Paint: SW6126 Navajo White or SW7571 Casa Blanca  
Approx. match for County approved Hex Colors e2d9cc/e0daca



Hex Colors e2d9cc/e0daca



STONE TERRACE WALL



WINDOWS & TERRACE DOORS:  
WHITE, TO MATCH EXISTING

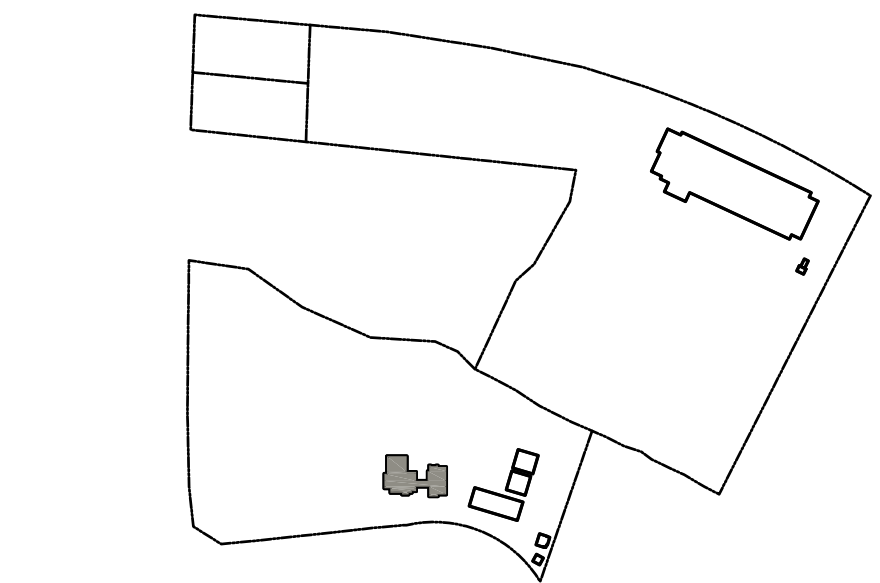
WEST ELEVATION:  
OBLIQUE



SOUTH ELEVATION

## EXISTING BUILDING PHOTOGRAPH

PROPOSED COLORS TO MATCH EXISTING, TYP.



KEY PLAN  
nts

PROPOSED BUILDING COLORS & MATERIALS

NAPA COUNTY APPROVED COLOR PALETTE (Hex Colors)  
V.1-02/27/2020, page 2 & 3

## BUILDING COLOR & MATERIAL PALETTE

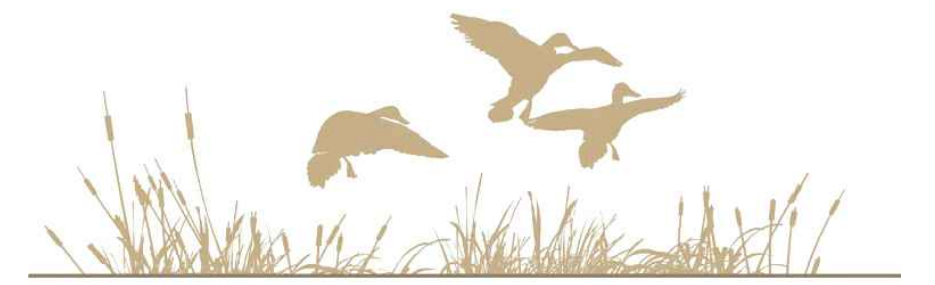


DUCKHORN VINEYARDS WINERY  
USE PERMIT MODIFICATION  
1000 Lodi Lane, St. Helena, CA 94574

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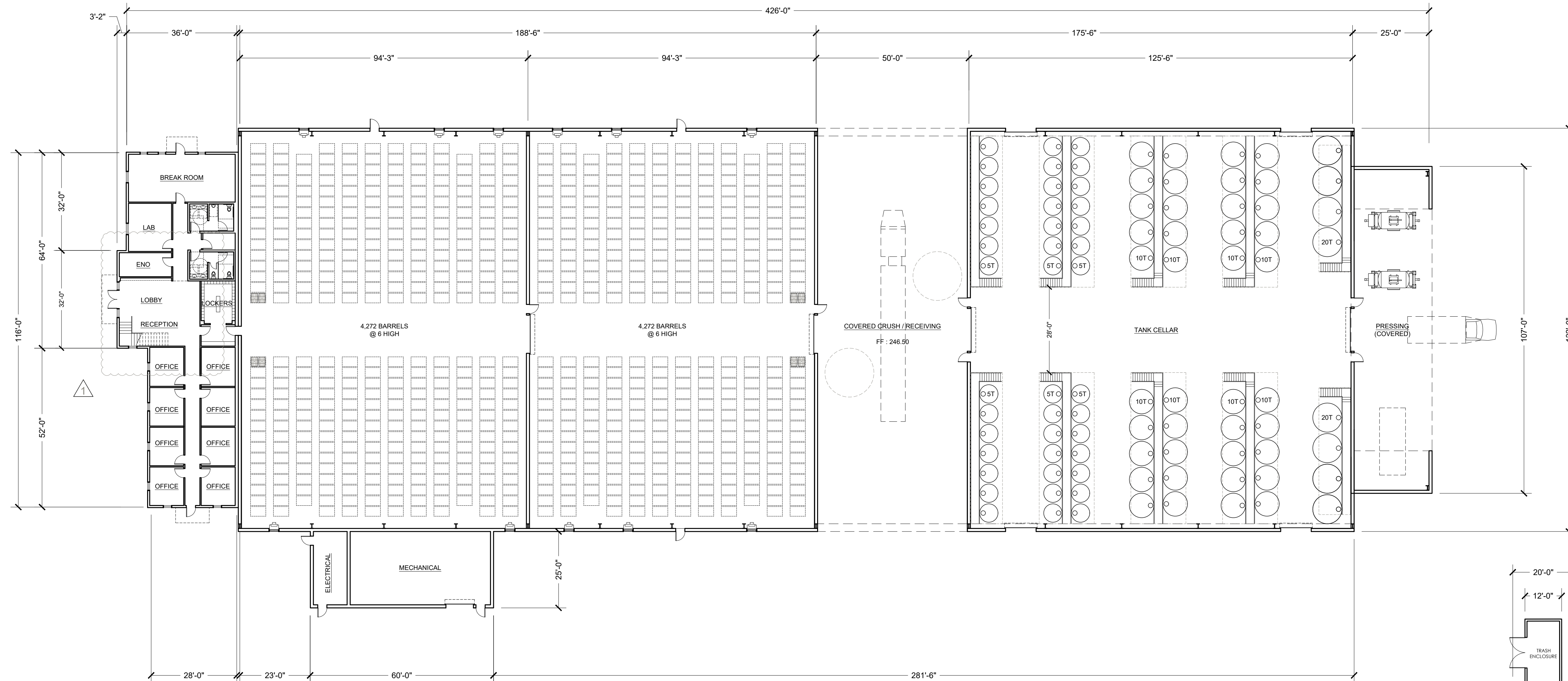
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Petaluma, California 94952  
Ph: (707) 762-6006  
Ria ARCHITECTS



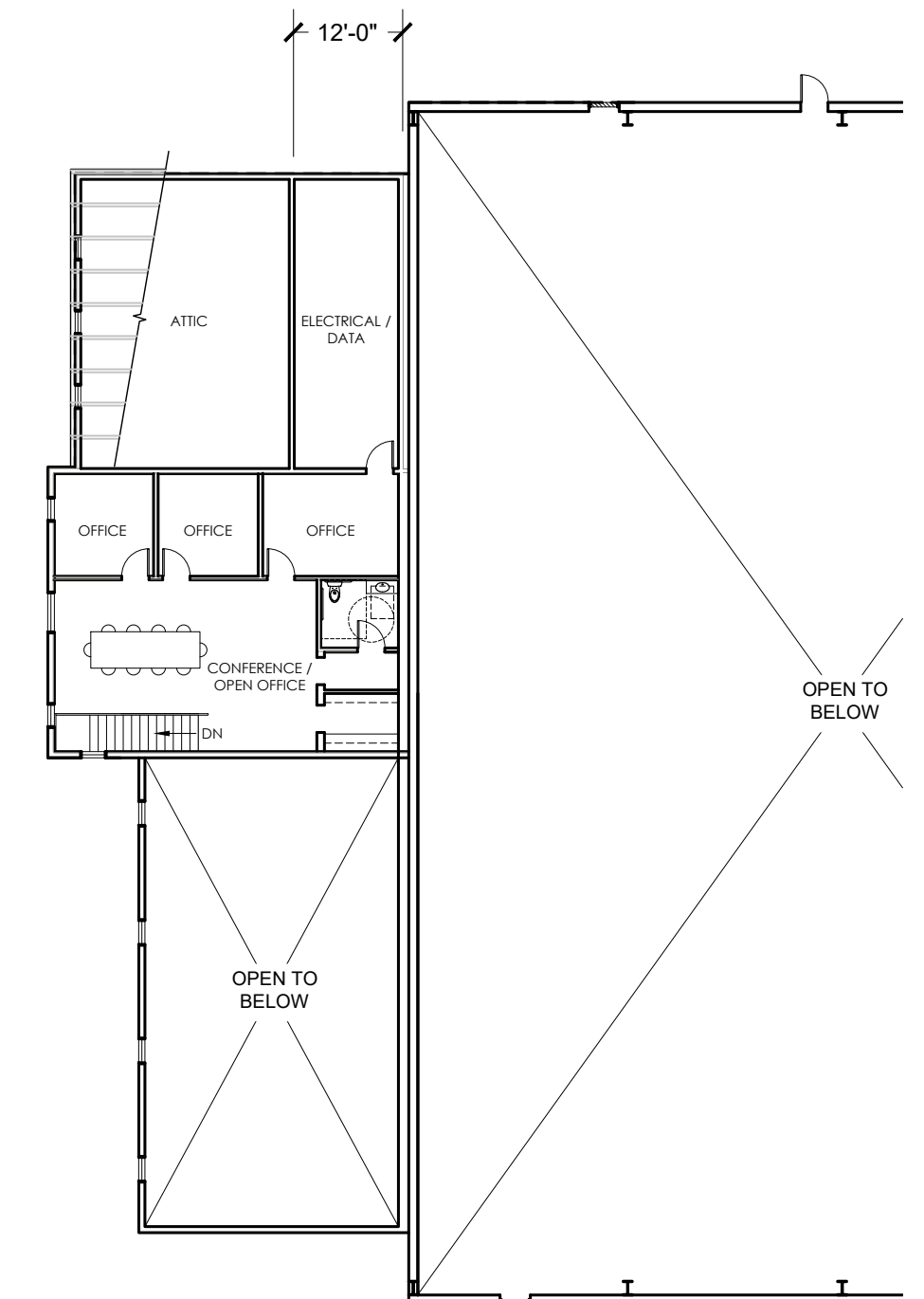


**DUCKHORN**  
WINE COMPANY

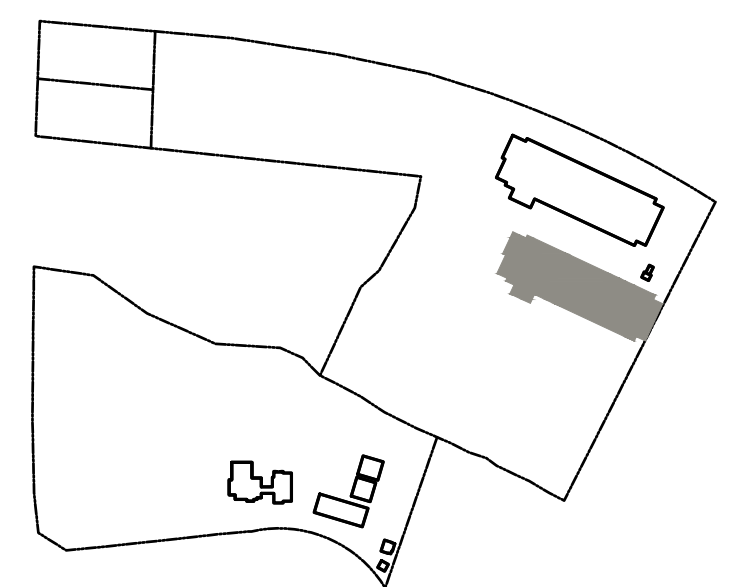
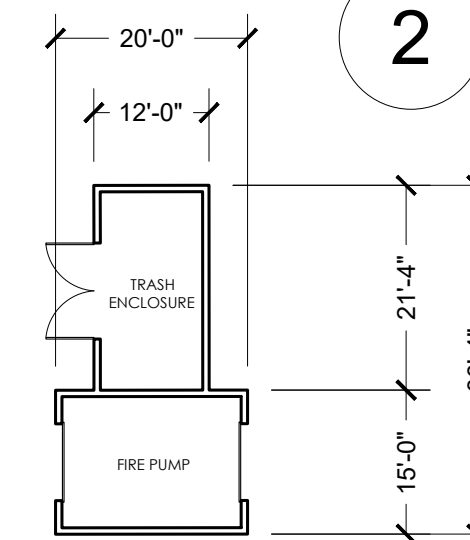
**DUCKHORN VINEYARDS WINERY**  
USE PERMIT MODIFICATION  
1000 Lodi Lane, St. Helena, CA 94574



**1 LOWER LEVEL PLAN**  
Scale: 1:20



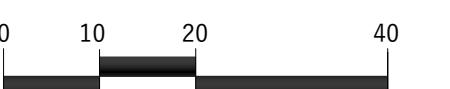
**2 UPPER LEVEL PLAN**  
Scale: 1:20



KEY PLAN  
nts

**A4.1**

**PROPOSED WEST WINERY -  
LOWER AND UPPER LEVEL PLANS**  
Scale: 1:20



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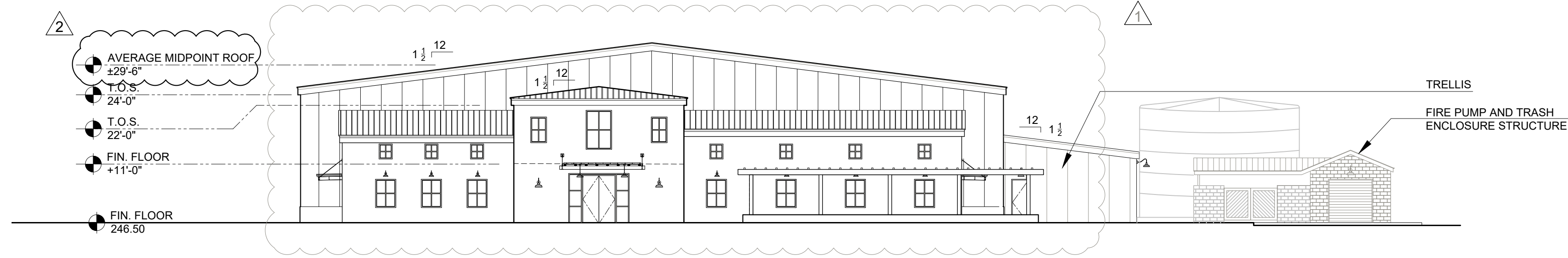
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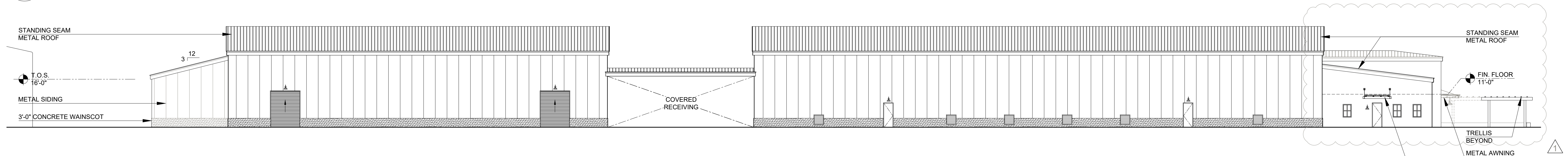
**DUCKHORN**  
WINE COMPANY

**DUCKHORN VINEYARDS WINERY**  
USE PERMIT MODIFICATION  
1000 Lodi Lane, St. Helena, CA 94574



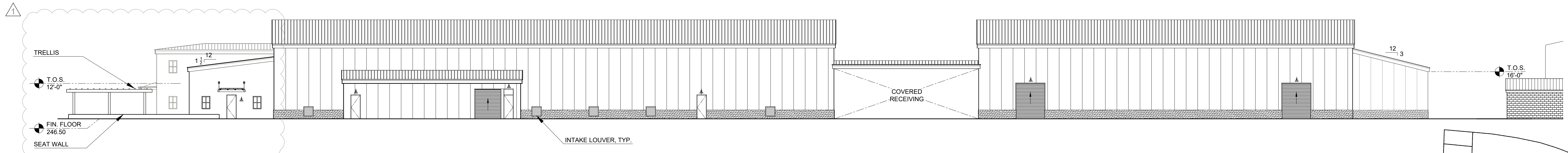
## 1 SOUTH ELEVATION

Scale: 1/16" = 1'-0"



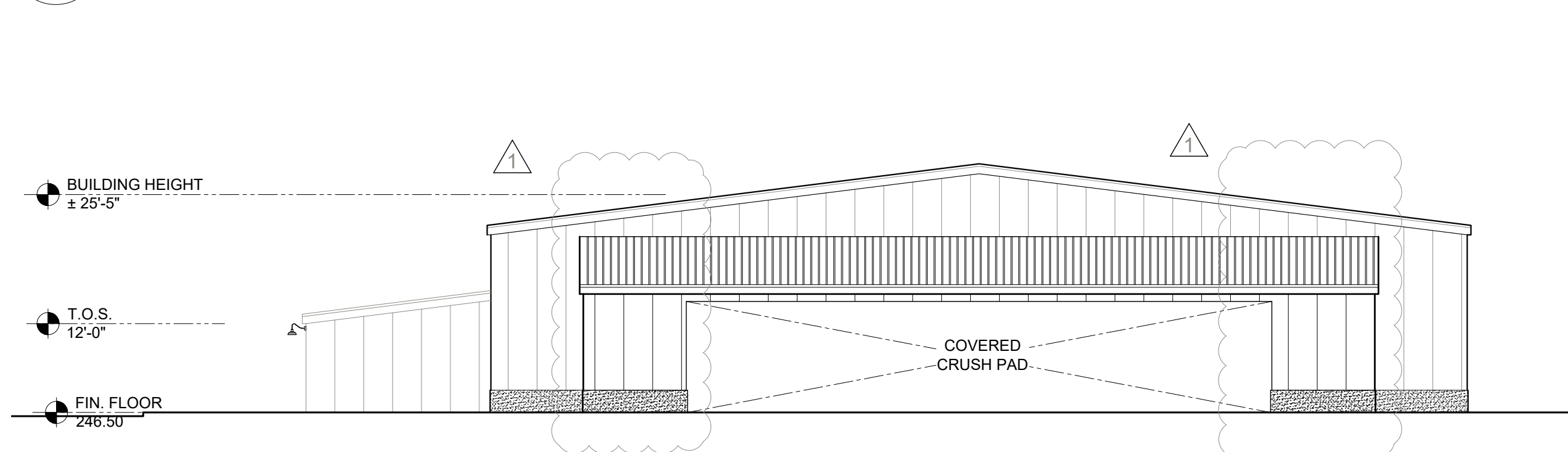
## 2 WEST ELEVATION

Scale: 1/16" = 1'-0"



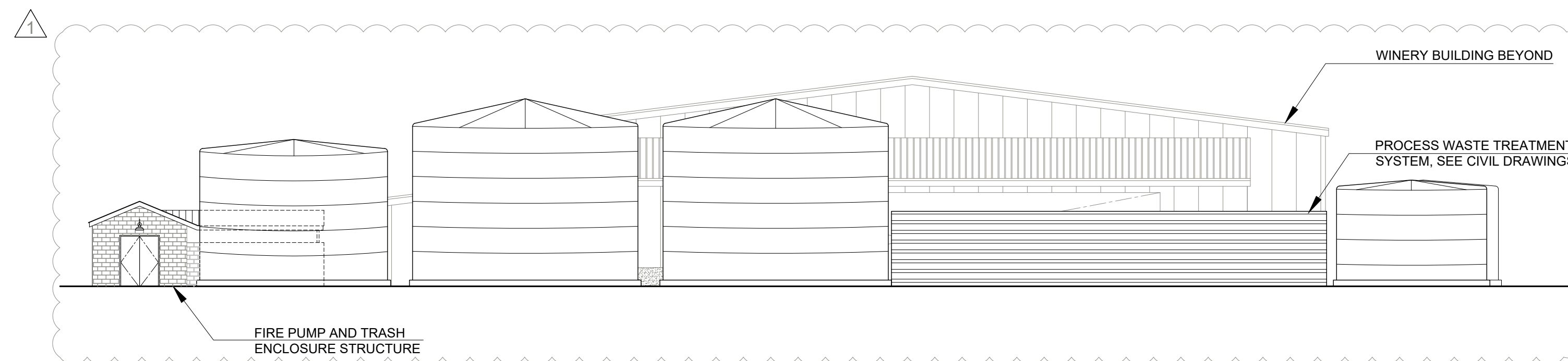
## 3 EAST ELEVATION

Scale: 1/16" = 1'-0"



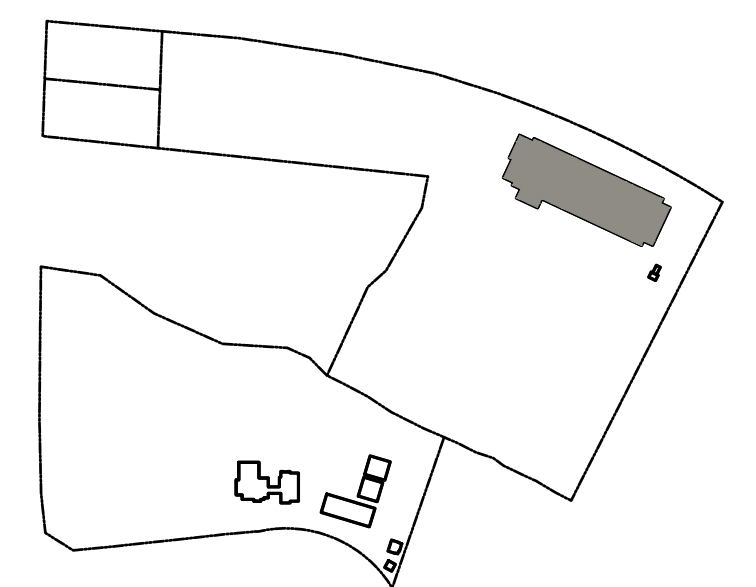
## 4 NORTH ELEVATION

Scale: 1/16" = 1'-0"



## 5 NORTH ELEVATION - EQUIPMENT YARD

Scale: 1/16" = 1'-0"



KEY PLAN  
nts

**A4.2**

**PROPOSED WEST WINERY -  
ELEVATIONS**

Scale: 1/16" = 1'-0"



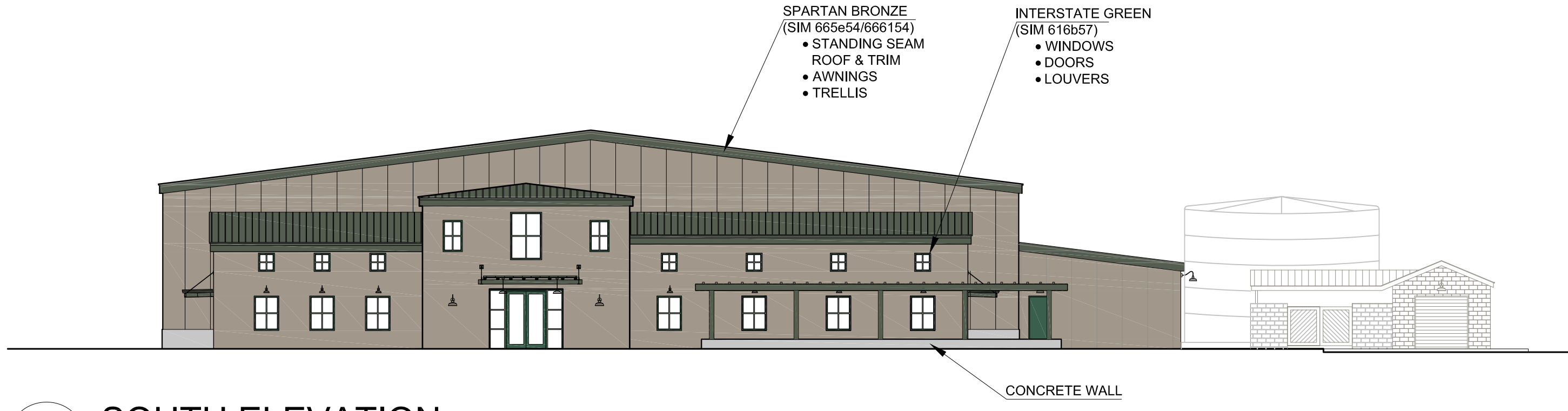
ISSUE : Use Permit Submittal DATE: 03.21.19  
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ARCHITECTURE | PLANNING | CONSULTING

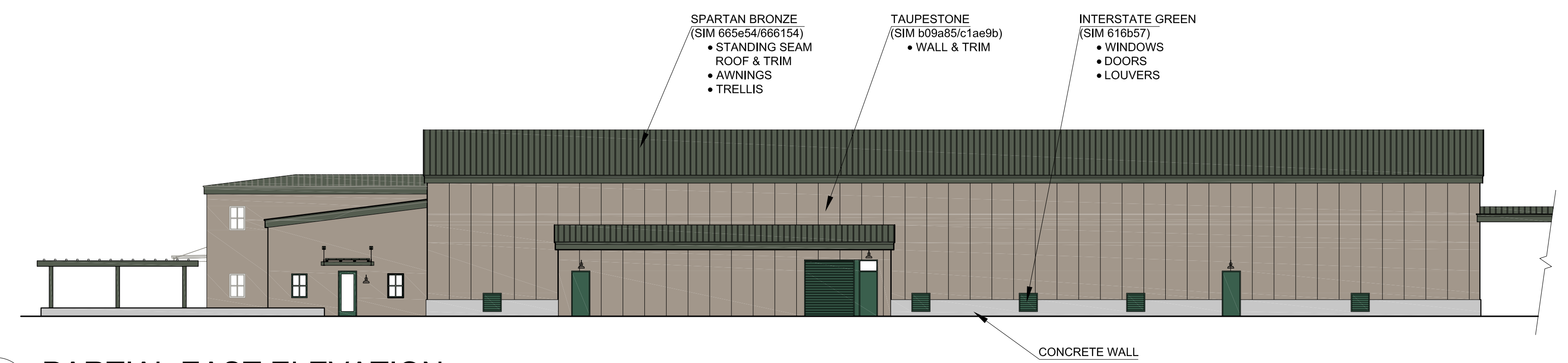
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Petaluma, California 94952  
Ph: (707) 762-6006







1 SOUTH ELEVATION  
Scale: 1/16" = 1'-0"



2 PARTIAL EAST ELEVATION  
Scale: 1/16" = 1'-0"



STANDING SEAM ROOF, TRIM, AWNING &, TRELLIS:  
KINGSPAN 'SPARTAN BRONZE' (OR PAINT TO MATCH)  
Approx. match for County approved Hex Colors 665e54/666154



Hex Colors 665e54/666154



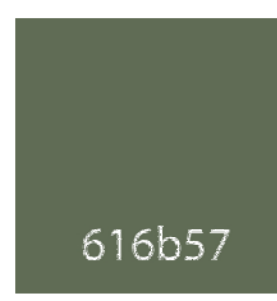
WALL PANELS & TRIM:  
KINGSPAN 'TAUPESTONE' (OR PAINT TO MATCH)  
Approx. match for County approved Hex Colors b09a85/c1ae9b



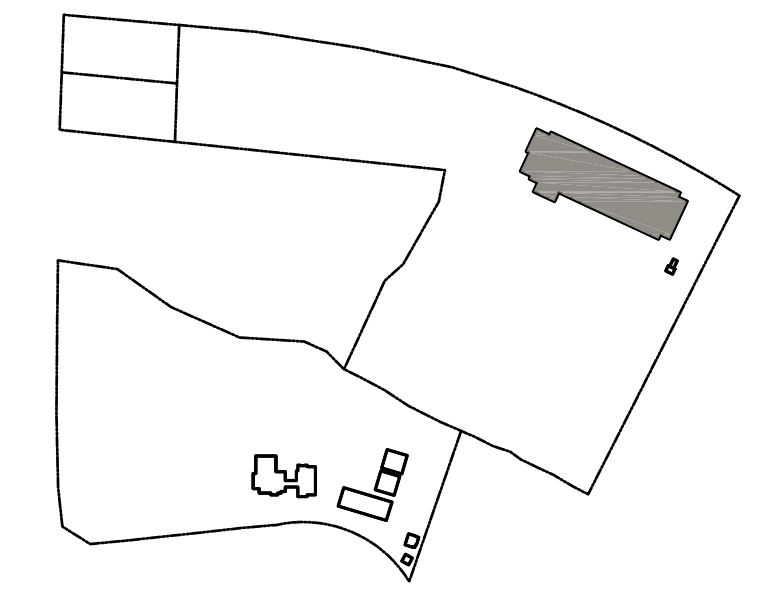
Hex Colors b09a85/c1ae9b



DOORS, WINDOWS & LOUVERS:  
OLDCASTLE 'INTERSTATE GREEN' (OR PAINT TO MATCH)  
Approx. match for County approved Hex Color 616b57



Hex Color 616b57



KEY PLAN  
nts

A4.3  
PROPOSED WEST WINERY -  
COLOR & MATERIALS  
Scale: NTS  
0 8 16 32

PROPOSED BUILDING COLORS & MATERIALS

NAPA COUNTY APPROVED COLOR PALETTE (Hex Colors)  
V.1-02/27/2020, pages 1-3

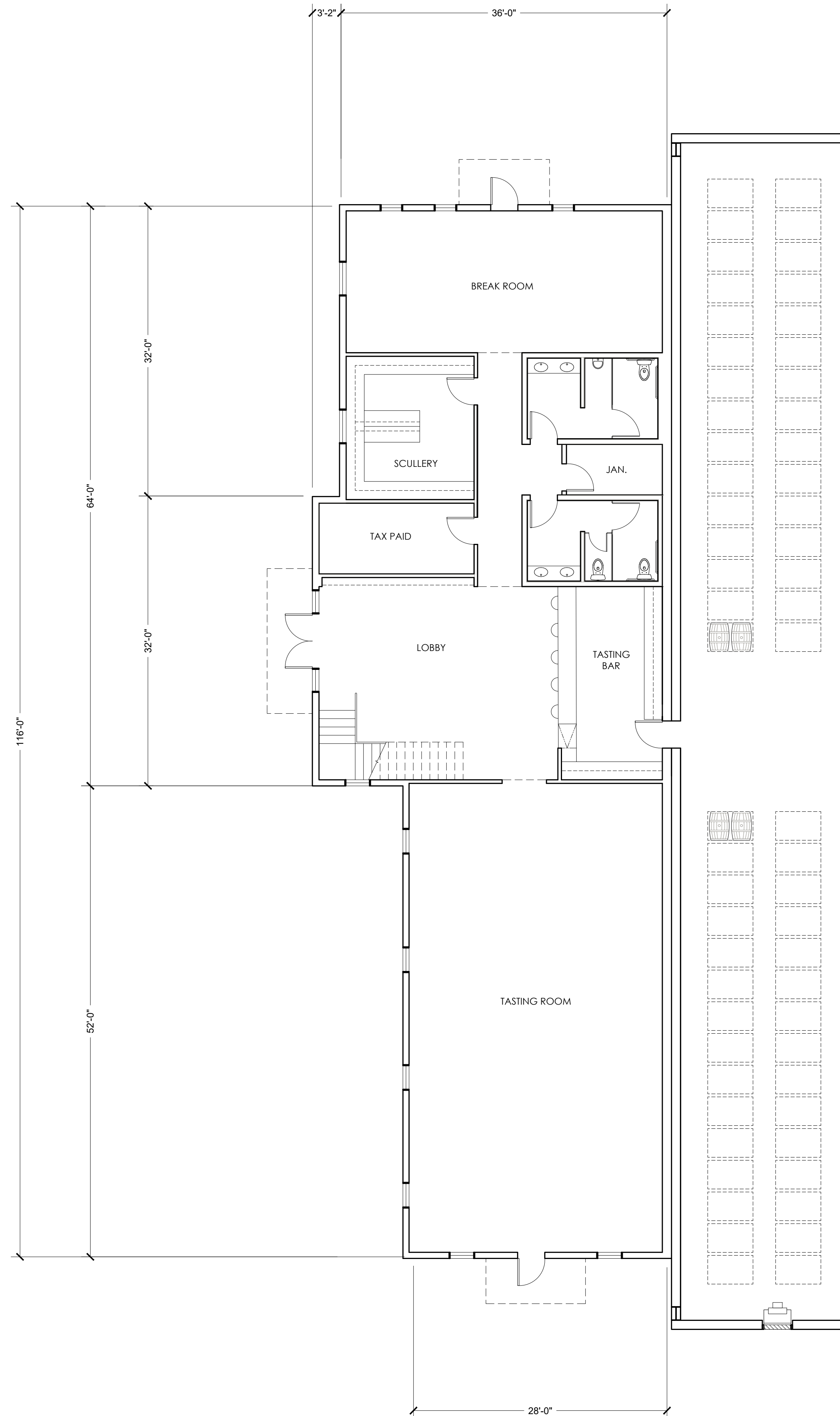
- ISSUE : Use Permit Submittal DATE: 03.21.19  
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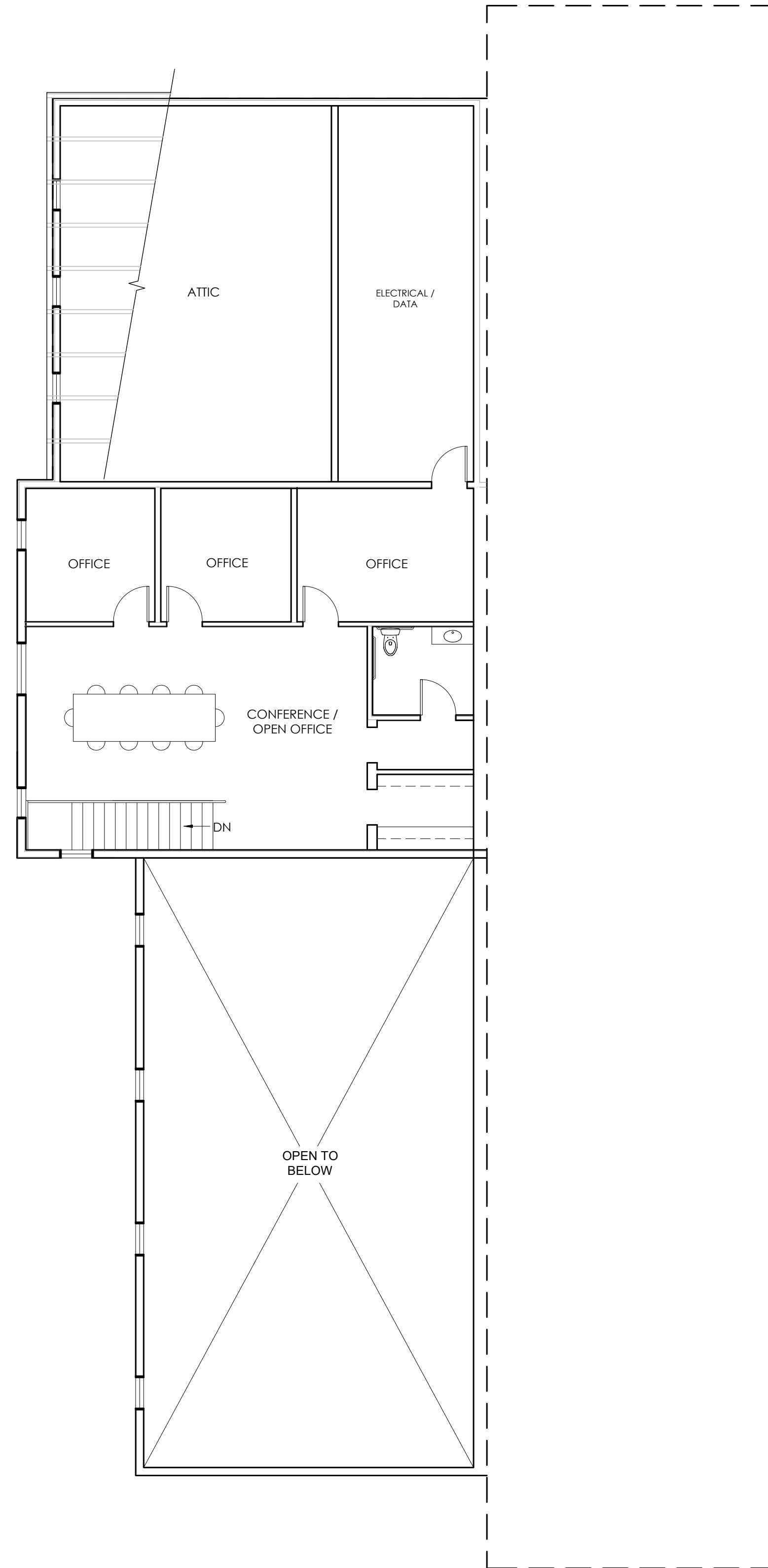


BUILDING COLOR & MATERIAL PALETTE



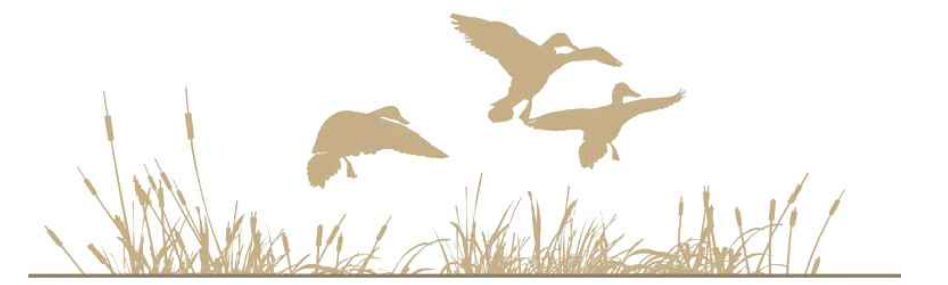
**1 LOWER LEVEL PLAN**

Scale: 1/8" = 1'-0"



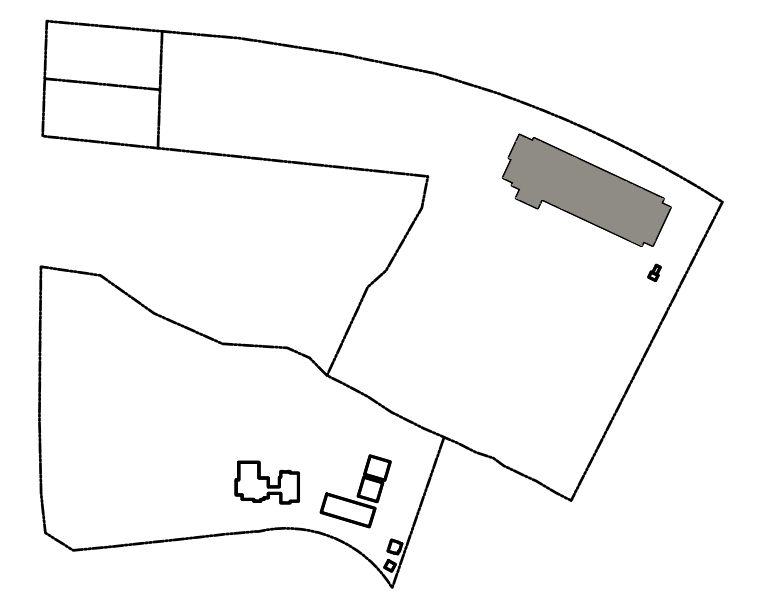
**2 UPPER LEVEL PLAN**

Scale: 1/8" = 1'-0"



**DUCKHORN**  
WINE COMPANY

**DUCKHORN VINEYARDS WINERY**  
USE PERMIT MODIFICATION  
1000 Lodi Lane, St. Helena, CA 94574



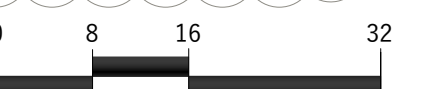
KEY PLAN  
nts

1



**A5.0**  
**PROPOSED WEST WINERY -**  
**INTERIM TASTING ROOM PLANS**

Scale: 1/16" = 1'-0"



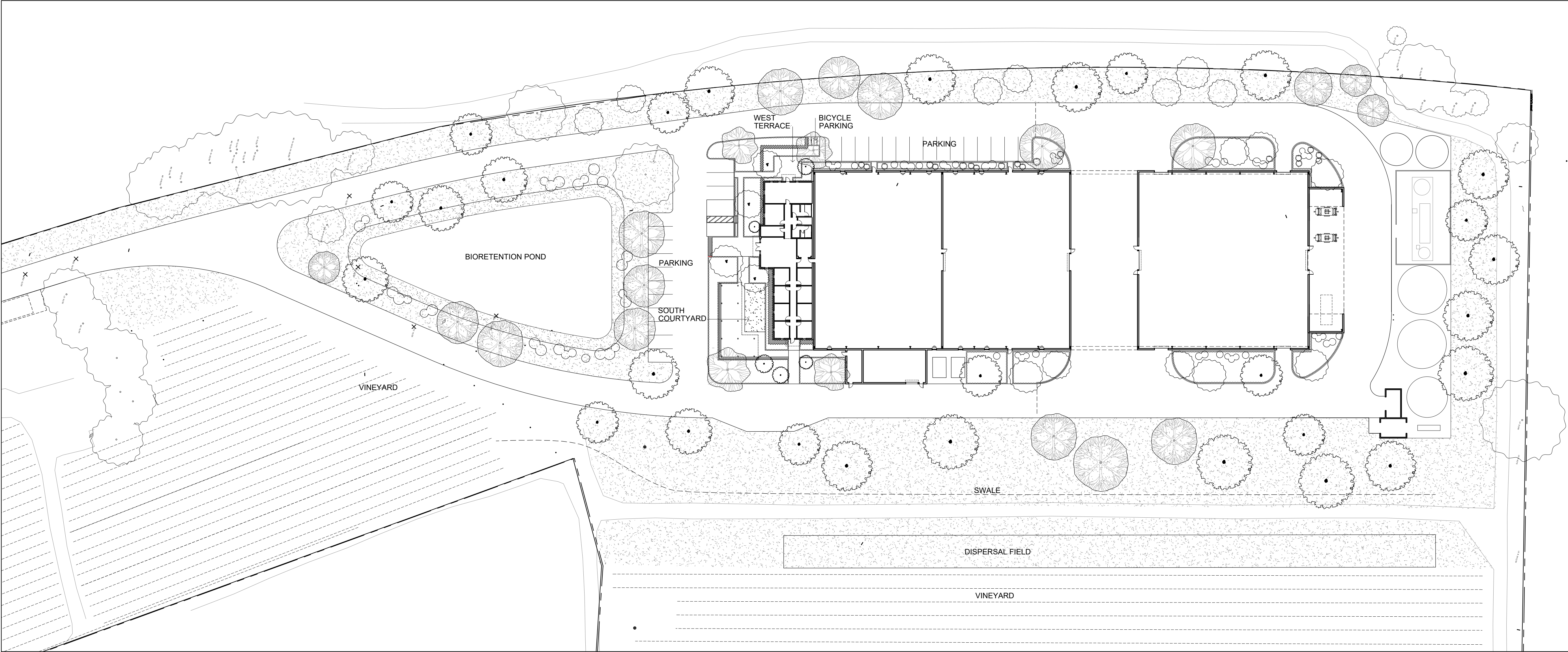
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# DUCKHORN

WINE COMPANY

## DUCKHORN VINEYARDS WINERY

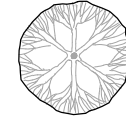
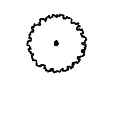
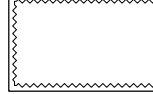
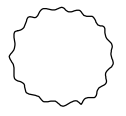
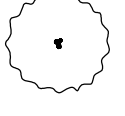


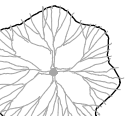


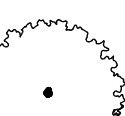
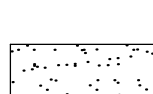
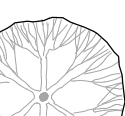
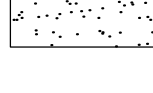




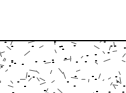

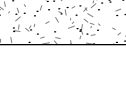


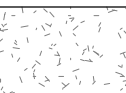





USE PERMIT MODIFICATION  
1000 Lodi Lane, St. Helena, CA 94574

1

PLANTING PLAN


Scale: 1" = 40'-0"

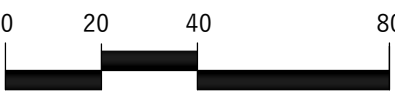
PLANT LIST

Site Perimeter and Bioretention Pond					Winery building landscape:					GROUNDCOVERS AND LOW PERENNIAL SHRUBS AND GRASSES:				
Symbol	Botanical Name	Common Name	Size	WUCOLS rating	Symbol	Botanical Name	Common Name	Size	WUCOLS rating	Symbol	Botanical Name	Common Name	Size	WUCOLS rating
<b>TREES:</b>					<b>TREES:</b>					<b>GROUNDCOVERS AND LOW PERENNIAL SHRUBS AND GRASSES:</b>				
	Aesculus californica	California buckeye	15 gallon	VL		Lagerstroemia indica	Crape myrtle	24" box	L		Achillea spp.	Yarrow	1 gallon	L
	Arbutus 'Marina'	Arbutus	15 gallon	L		Olea europaea 'Swan Hill'	Fruitless Olive	24"/36" box	VL		Arctostaphylos uva-ursi 'Pt. Reyes'	Bearberry manzanita	1 gallon	L
	Quercus agrifolia	Coast Live Oak	15 gallon	VL		Pistacia chinensis 'Keith Davies'	Chinese Pistache	24"/36" box	L		Ceanothus 'Centennial'	Spreading ceanothus	1 gallon	L
	Quercus lobata	Valley oak	15 gallon	L		Quercus agrifolia	Coast Live Oak	15 gallon/24" box	VL		Festuca mairei	Maire's fescue	4" pot	L
<b>SHRUBS:</b>						Quercus lobata	Valley oak	15 gallon	L		Lavandula x intermedia 'Provence'	Provence lavender	1 gallon	L
	Eriogonum umbellatum	Buckwheat	1 gallon,	L	<b>SHRUBS, VINES &amp; PERENNIAL GRASSES:</b>						Muhlenbergia rigens	Deer Grass	4" pot	VL
	Frangula californica	Coffeeberry	5 gallon	L		Carpenteria californica	Bush anenome	5 gallon	L	<b>LAWN: Dwarf fescue sod. (South courtyard – 525 SF)</b>				
	Heteromeles arbutifolia	Toyon	5 gallon	L		Ceanothus 'Concha'	California lilac	5 gallon	L	<b>Water Efficiency Landscape Ordinance:</b>				
	Salvia clevelandii	Cleveland sage	1 gallon	L		Frangula californica	Coffeeberry	5 gallon	L	<b>The landscape plant palette is predominantly low water use species and will comply with the Napa County Water Efficiency Landscape Ordinance. Complete calculations will be submitted for the Building Permit submittal.</b>				
<b>EMERGENT PLANTS AT POND EDGE:</b>						Heteromeles arbutifolia	Toyon	5 gallon	L					
	Iris douglasiana	Pacific Coast iris	1 gallon	L		Muhlenbergia lindheimeri	Muhly Grass	5 gallon	L					
	Juncus patens	Blue rush	1 gallon	L		Wisteria sinensis	Dwarf myrtle	5 gallon	L					
<b>PERENNIAL GRASS AND WILDFLOWERS – SEEDING MIX</b>					<b>HEDGE SHRUBS:</b>									
	Festuca idahoensis	Idaho fescue				Olea europaea 'Little Ollie'	Dwarf Olive	5 gallon	L					
	Festuca 'Mokelumne'	Mokelumne fescue				Myrtus communis 'Compacta'	Dwarf myrtle	5 gallon	L					
	Festuca rubra 'Moliate'	Moliate fescue												
	Eschscholzia californica	California Poppy												
	Linum lewisii	Blue flax												


L1.1

PLANTING PLAN  
WEST WINERY

 Scale: 1:40



Stephanie McAllister Landscape Architecture  
145 Keller Street Petaluma, CA 94952 707.778.7693




1

REVISION 1 : USE PERMIT RESUBMITTAL

DATE: 08.13.20

ARCHITECTURE | PLANNING | CONSULTING

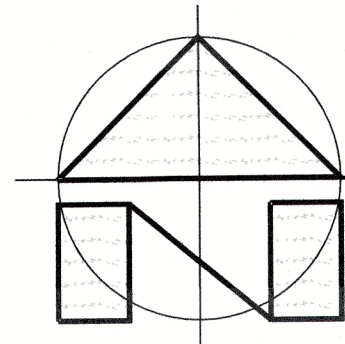
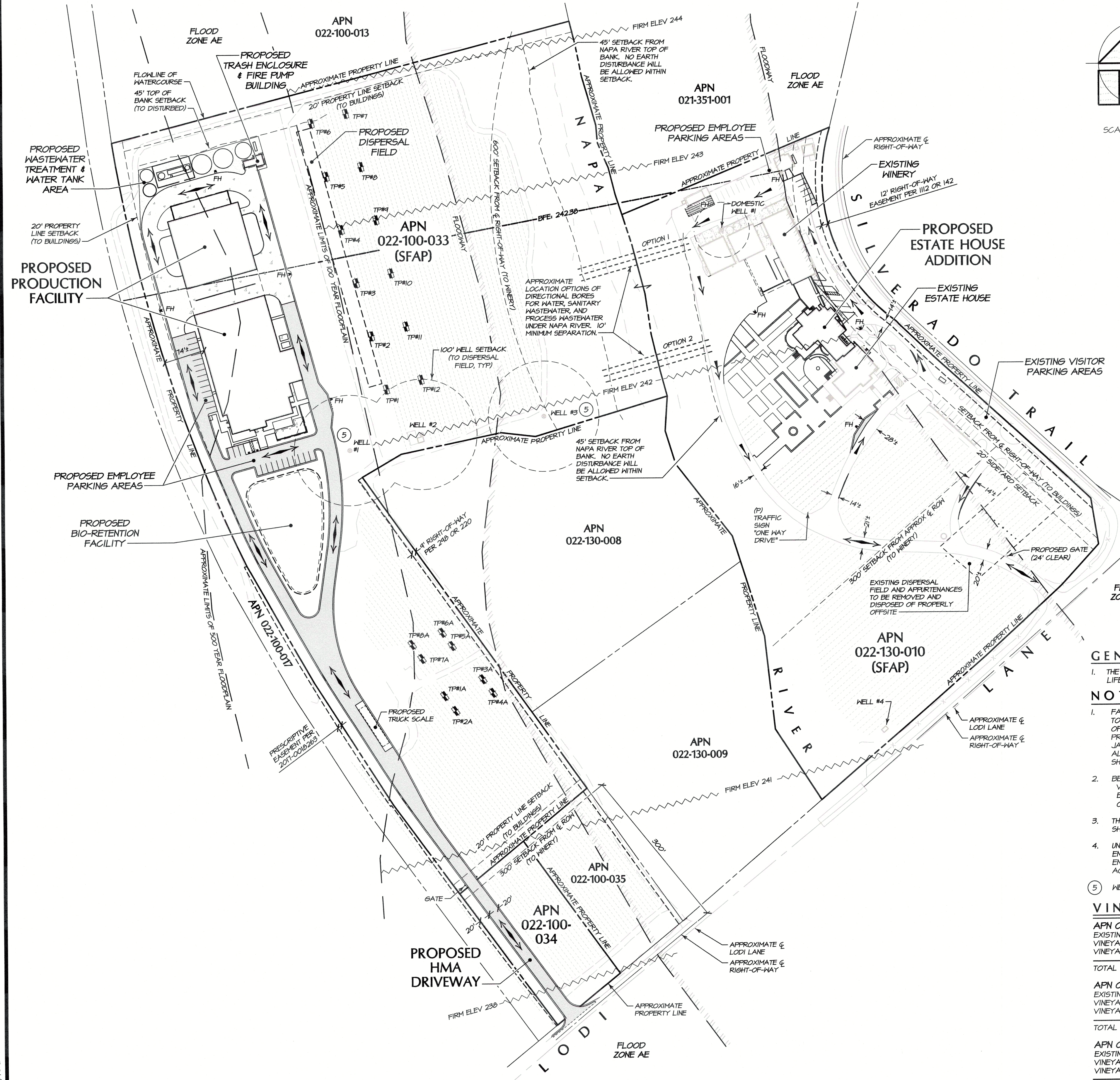
108 Petaluma Blvd N., Ste. 200  
Petaluma, California 94952  
Ph: (707) 762-6006





# DUCKHORN VINEYARDS WINERY

## USE PERMIT DRAWINGS



SCALE: 1" = 100'

### TEST PIT EXPLORATION NOTES:

1. REPRESENTS TEST PIT LOCATION.
2. TEST PITS TP-1 THRU TP-12 WERE EXCAVATED BY FCB CONSTRUCTION ON NOVEMBER 14, 2014 AND WITNESSED BY A REPRESENTATIVE FROM BARTELT ENGINEERING AND NAPA COUNTY ENVIRONMENTAL HEALTH.
3. TEST PITS TP-13A THRU TP-13C WERE EXCAVATED BY DELTA CONSULTING ENGINEERING AND NAPA COUNTY ON JULY 21, 2011 AND WITNESSED BY A REPRESENTATIVE FROM NAPA COUNTY ENVIRONMENTAL HEALTH.

### TRAFFIC CIRCULATION LEGEND:

- ARROWS REPRESENT ON-SITE TRAFFIC CIRCULATION PATTERNS AND ARE FOR INFORMATIONAL PURPOSES ONLY.
- ALL ONE-WAY DRIVEWAYS SHALL BE WIDENED TO 12' WITH 1' SHOULDERS (14' MINIMUM CLEARANCE) AND TWO-WAY DRIVEWAYS SHALL BE WIDENED TO 20' WITH 1' SHOULDERS (22' MINIMUM CLEARANCE).

### FEMA FLOOD DATA:

THIS PROJECT IS LOCATED WITHIN A FLOODWAY OR FLOODPLAIN PER FLOOD INSURANCE RATE MAP (FIRM) PANEL NO. 06055C0263E, EFFECTIVE ON 04/26/2008. REFER TO THE "DUCKHORN VINEYARDS PROPOSED DEVELOPMENT" IMPACT ANALYSIS MEMORANDUM PREPARED BY SCHAAF & WHEELER CONSULTING CIVIL ENGINEERS, DATED AUGUST 12, 2020 FOR INFORMATION ON BASE FLOOD ELEVATIONS.

### GENERATOR NOTE:

1. THE PROPOSED GENERATOR DOES PROVIDE SERVICE TO A FIRE PUMP AND/OR LIFE SAFETY EQUIPMENT.

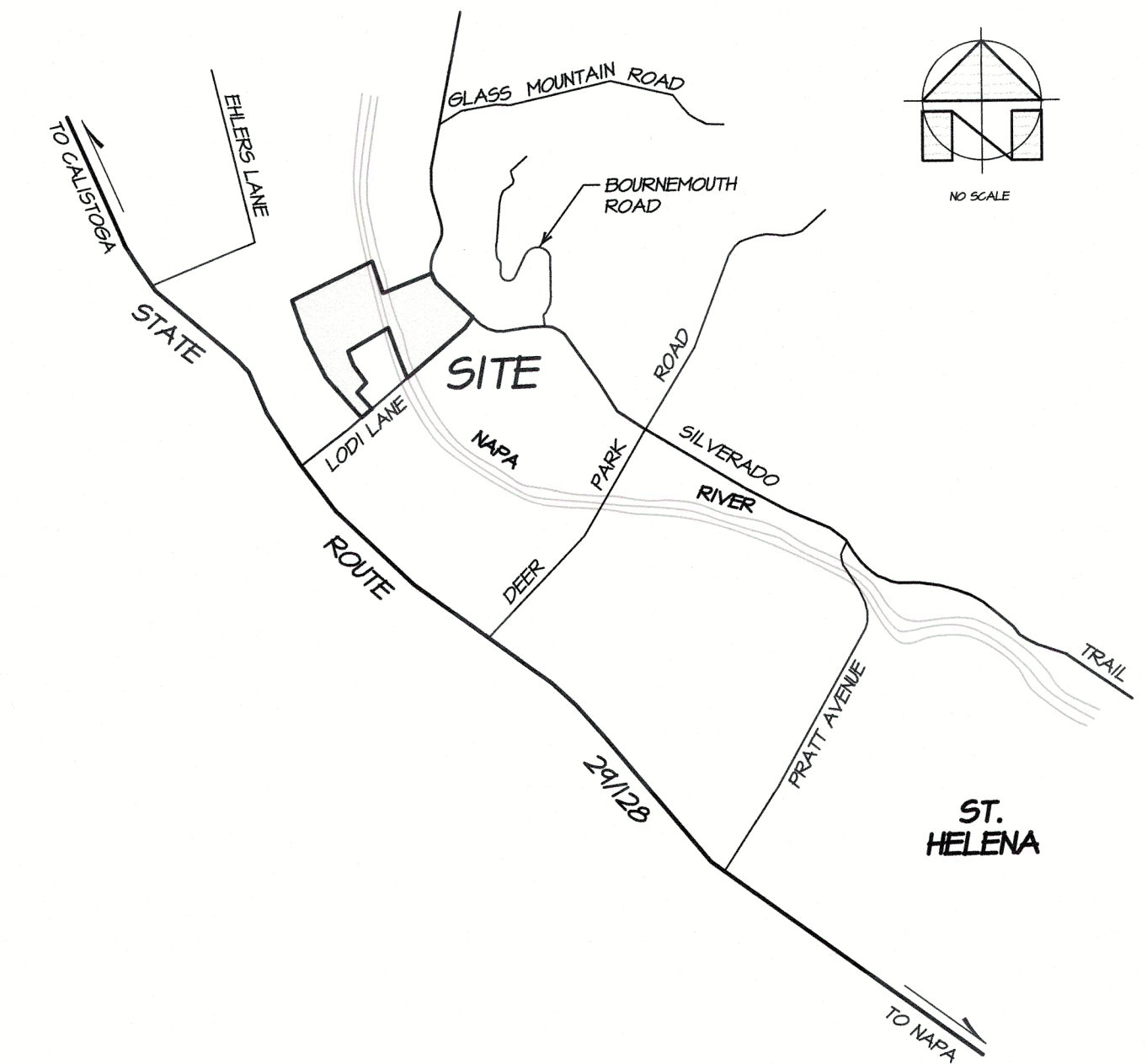
### NOTES:

1. FADED BACKGROUND REPRESENTS EXISTING TOPOGRAPHIC FEATURES. THE TOPOGRAPHIC INFORMATION SHOWN ON THIS PLAN WAS TAKEN FROM THE "MAP OF TOPOGRAPHY OF A PORTION OF THE LANDS OF DUCKHORN VINEYARDS" PREPARED BY ALBION SURVEYS, INC. DATED JANUARY 5, 2015 AND REVISED JANUARY 30, 2015. BARTELT ENGINEERING ASSUMES NO LIABILITY, REAL OR ALLEGED, REGARDING THE ACCURACY OF THE TOPOGRAPHIC INFORMATION SHOWN.
2. BENCHMARK NOTE: DETERMINED THROUGH GPS OBSERVATION. VERTICAL DATUM: NAVD83. BASIS OF BEARING: CALIFORNIA COORDINATE SYSTEM, ZONE 2, NAD83. CONTOUR INTERVAL: EVERY ONE (1) FEET, HIGHLIGHTED EVERY (5) FEET.
3. THIS DRAWING DOES NOT REPRESENT A BOUNDARY SURVEY. BOUNDARY LINES SHOWN ARE APPROXIMATE AND FOR INFORMATIONAL PURPOSES ONLY.
4. UNDERGROUND UTILITIES ON THESE PLANS HAVE BEEN DRAFTED BY BARTELT ENGINEERING ACCORDING TO INFORMATION PROVIDED BY THE OWNER. BARTELT ENGINEERING ASSUMES NO LIABILITY, REAL OR ALLEGED, REGARDING THE ACCURACY OF THE LOCATIONS OF THE UNDERGROUND UTILITIES.
5. WELLS #1 AND #3 MAY BE DESTROYED UNDER THE PROPOSED PROJECT.

### VINEYARD SUMMARY:

APN 022-130-010	EXISTING VINEYARD	4.06± ACRES
APN 022-130-010	VINEYARD REMOVED	0.41± ACRES
APN 022-130-010	VINEYARD PROPOSED	0.35± ACRES
TOTAL VINEYARD AFTER DEVELOPMENT		4.00± ACRES
APN 022-100-033	EXISTING VINEYARD	10.15± ACRES
APN 022-100-033	VINEYARD REMOVED	3.31± ACRES
APN 022-100-033	VINEYARD PROPOSED	0.0± ACRES
TOTAL VINEYARD AFTER DEVELOPMENT		6.78± ACRES
APN 022-100-034	EXISTING VINEYARD	0.71± ACRES
APN 022-100-034	VINEYARD REMOVED	0.13± ACRES
APN 022-100-034	VINEYARD PROPOSED	0.0± ACRES
TOTAL VINEYARD AFTER DEVELOPMENT		0.58± ACRES

NO.	DATE	DESCRIPTION	SHEETS	BY
1	11-16-20	NC STATUS LETTER #2	UP1, UP3, UP4, UP6, UP7, UP8, UP9, UP10, UP11, UP12, UP13	KP
2	08-13-20	USE PERMIT RESUBMITTAL	UP1, UP3, UP5-UP7, UP9-UP13	KP



### LOCATION MAP

NO SCALE

### PROJECT INFORMATION:

PROPERTY OWNER:  
DUCKHORN WINE COMPANY  
C/O ZACHARY RASMUSON  
1000 LODI LANE  
ST. HELENA, CA 94574  
(707) 967-2025

PROJECT ADDRESSES:  
1000 & 1098 LODI LANE  
ST. HELENA, CA 94574

ASSESSOR'S PARCEL NUMBERS:  
022-130-010 (SFAP),  
022-100-033 (SFAP) & -034

PARCEL SIZES:  
10.67±, 19.67± & 1.01± ACRES

PROJECT SIZES:  
1.9±, 5.3± & 0.2± ACRES  
(7.4± ACRES TOTAL)

PARCEL ZONING:  
AP

### SHEET INDEX:

SHEET UP1	OVERALL SITE PLAN
SHEET UP2	PHOTOGRAPHIC DOCUMENTATION
SHEET UP3	DEMOLITION PLAN - PRODUCTION FACILITY
SHEET UP4	DEMOLITION PLAN - ESTATE
SHEET UP5	PROPOSED CONDITIONS - PRODUCTION FACILITY
SHEET UP6	PROPOSED CONDITIONS - ESTATE
SHEET UP7	PARKING & DRIVEWAY ANALYSIS - ESTATE
SHEET UP8	SITE DISTANCE EXHIBITS
SHEET UP9	WINERY AREA COVERAGE EXHIBIT
SHEET UP10	WINERY DEVELOPMENT EXHIBITS
SHEET UP11	IMPERVIOUS AREA EXHIBITS
SHEET UP12	STORMWATER CONTROL PLAN - PRODUCTION FACILITY
SHEET UP13	STORMWATER CONTROL PLAN - ESTATE



PREPARED UNDER THE DIRECTION OF

PAUL N. BARTELT  
11-16-2020  
R.C.E. 45102

OWNERSHIP OF DOCUMENTS

DES. MGB / RP

DRWN. KP

CHECK. CHD

PMB

DATE. MARCH 2019

JOB NO. 13-14

SHEET NO.

UP1

OF 13

DATE. MARCH 2019

JOB NO. 13-14

SHEET NO.

UP1

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DATE. MARCH 2019

JOB NO. 13-14

SHEET NO.

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DATE. MARCH 2019

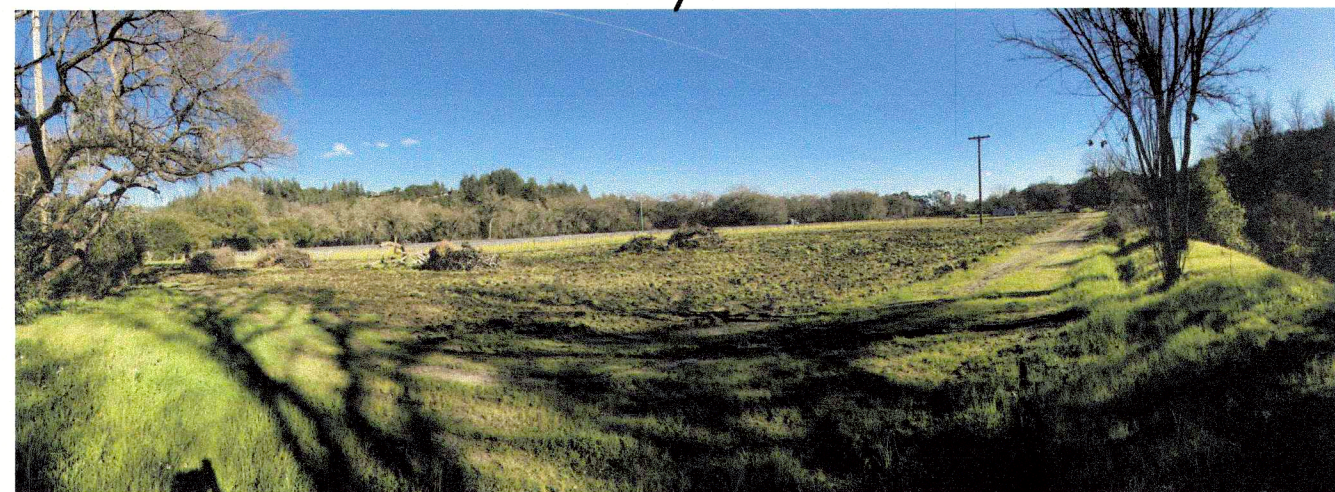
JOB NO. 13-14

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UP1



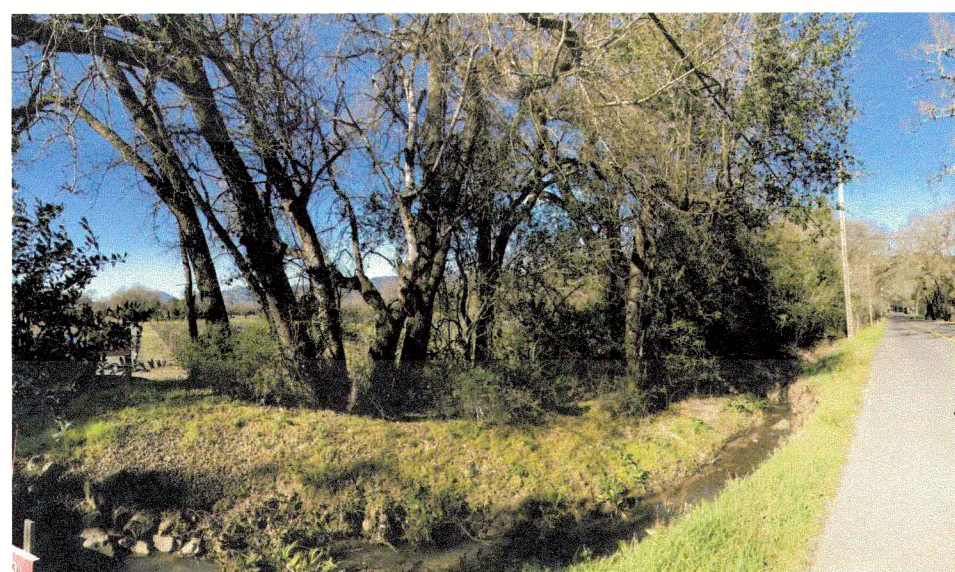
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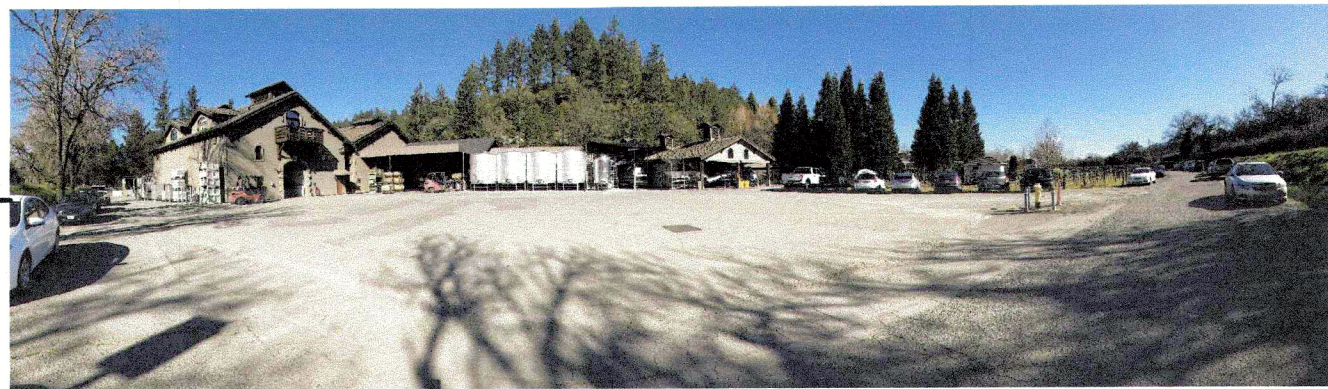
PHOTOGRAPH 1



PHOTOGRAPH 2



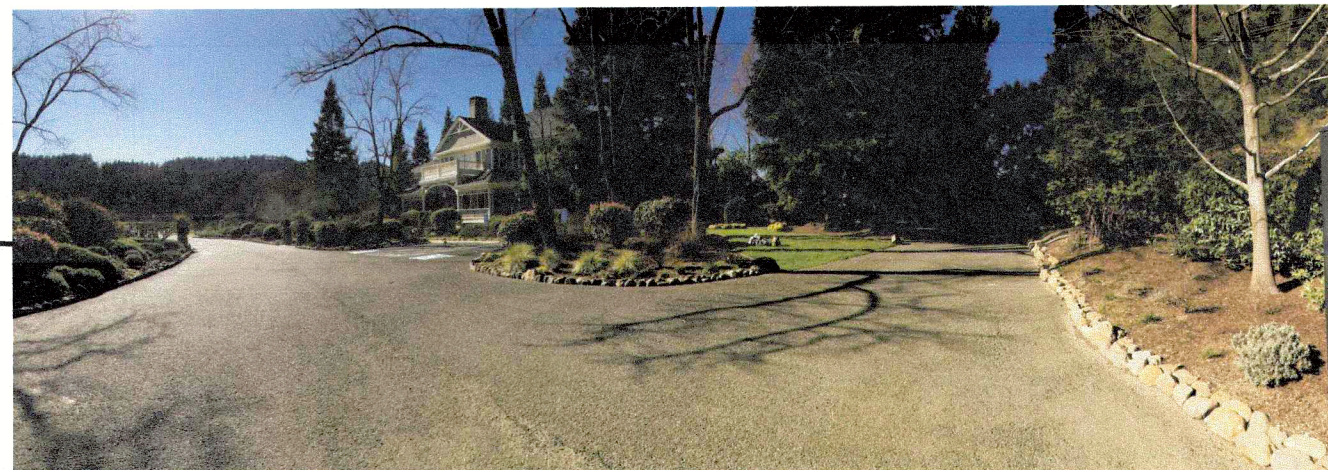
PHOTOGRAPH 3



PHOTOGRAPH 8



PHOTOGRAPH 7



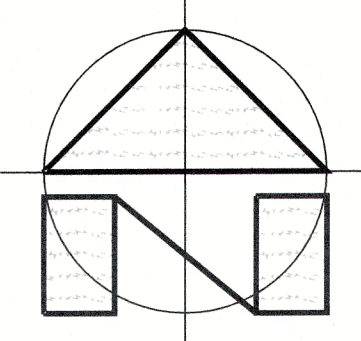
PHOTOGRAPH 6



PHOTOGRAPH 5



PHOTOGRAPH 4



SCALE: 1" = 100'



PHOTOGRAPHIC DOCUMENTATION

SCALE: 1" = 100'

NO.	DATE	DESCRIPTION	BY
1	11-16-20	NO CHANGE TO THIS SHEET	KP
2	08-13-20	NO CHANGE TO THIS SHEET	KP

NOTES:  
1. REPRESENTS LOCATION AND DIRECTION OF PHOTOGRAPH TAKEN BY BARTLETT ENGINEERING ON FEBRUARY 21, 2019.  
2. THE 2016 AERIAL PHOTOGRAPH USED AS A BASE FOR THIS PLAN WAS PROVIDED BY NAPA COUNTY. ALL PROPERTY LINES SHOWN WERE PROVIDED BY TERRA FIRMA SURVEYS, INC. AND ARE APPROXIMATE.



PREPARED UNDER THE DIRECTION OF

PAUL N. BARTLETT 11-16-2019 R.C.E. 45102

DUCKHORN VINEYARDS WINERY  
PHOTOGRAPHIC DOCUMENTATION  
NAPA COUNTY  
CALIFORNIA

DATE: MARCH 2019

JOB NO. 13-14

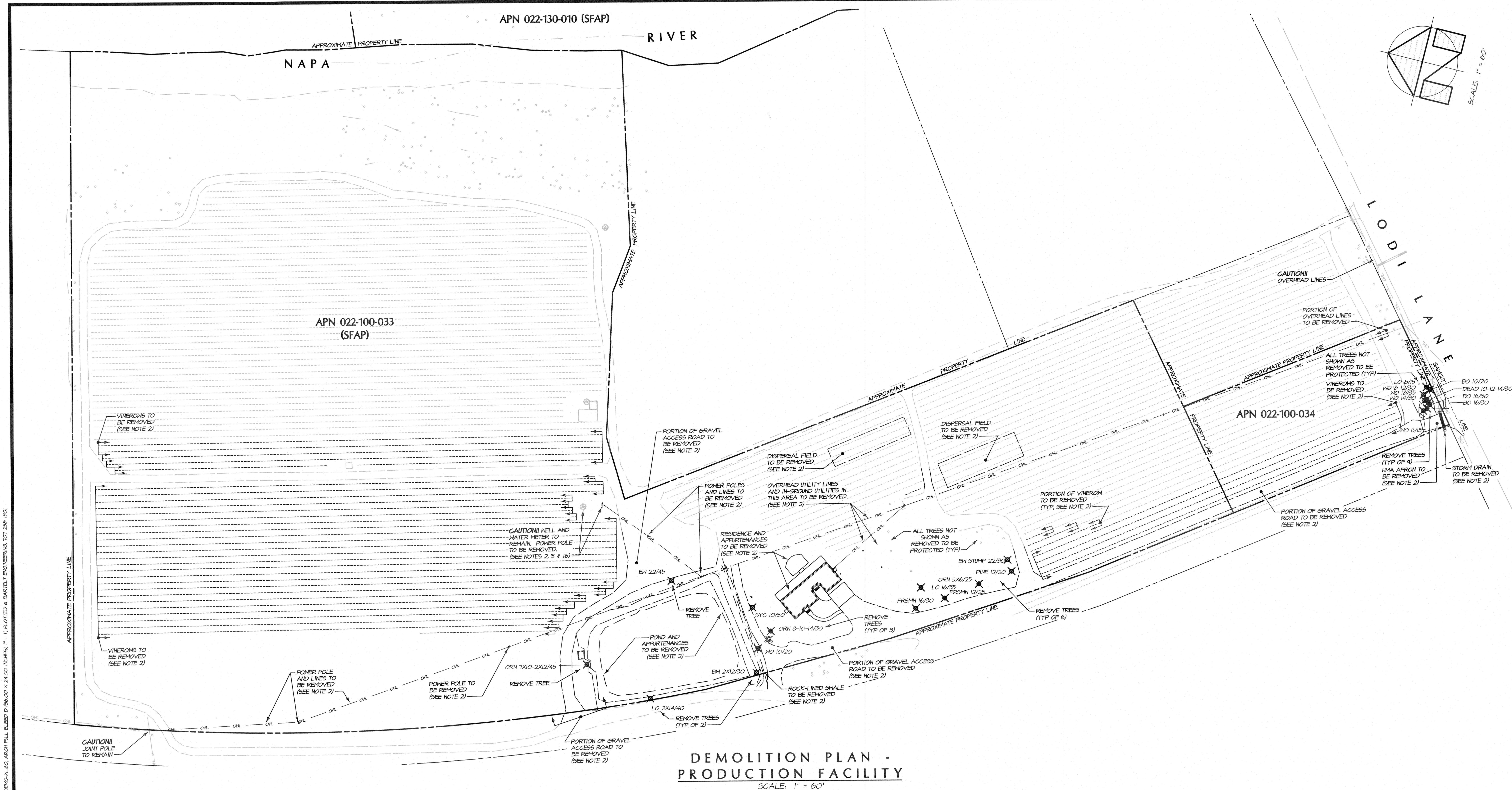
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UP2  
OF 13

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DRAWN: KP  
CHECKED: PNB  
BARTLETT ENGINEERING  
CIVIL ENGINEERING - LAND PLANNING  
1303 Jefferson Street, 200 S. Napa, CA 94559  
www.bartlettinge.com  
Telephone: 707-258-1301





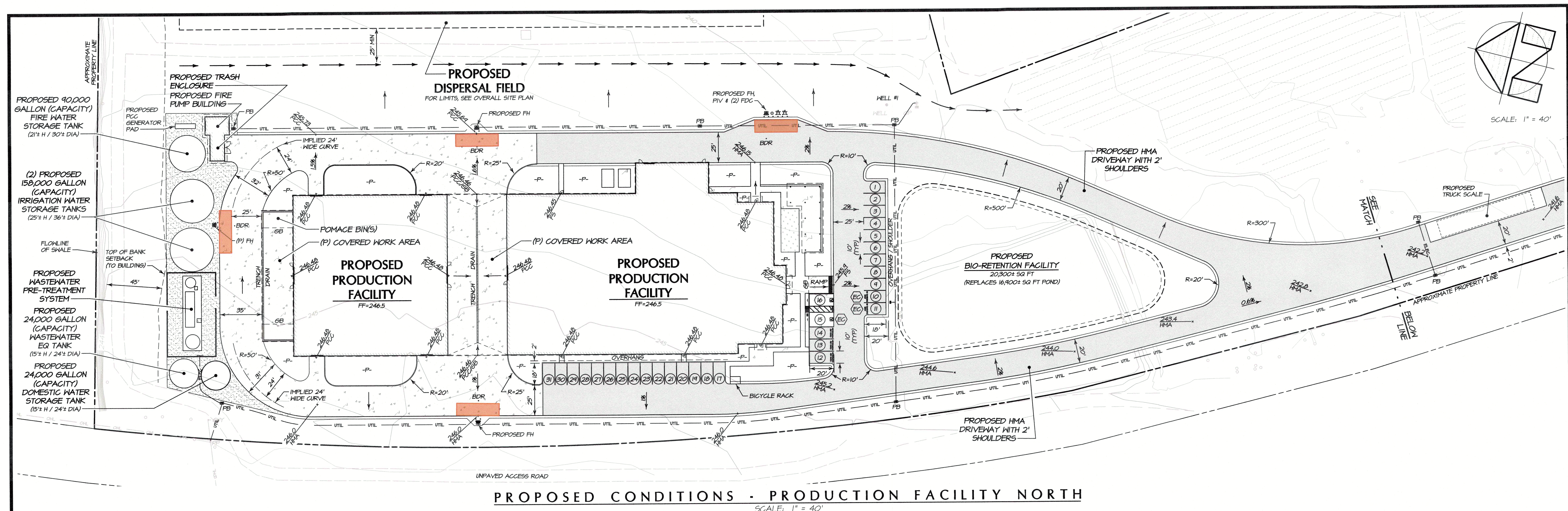
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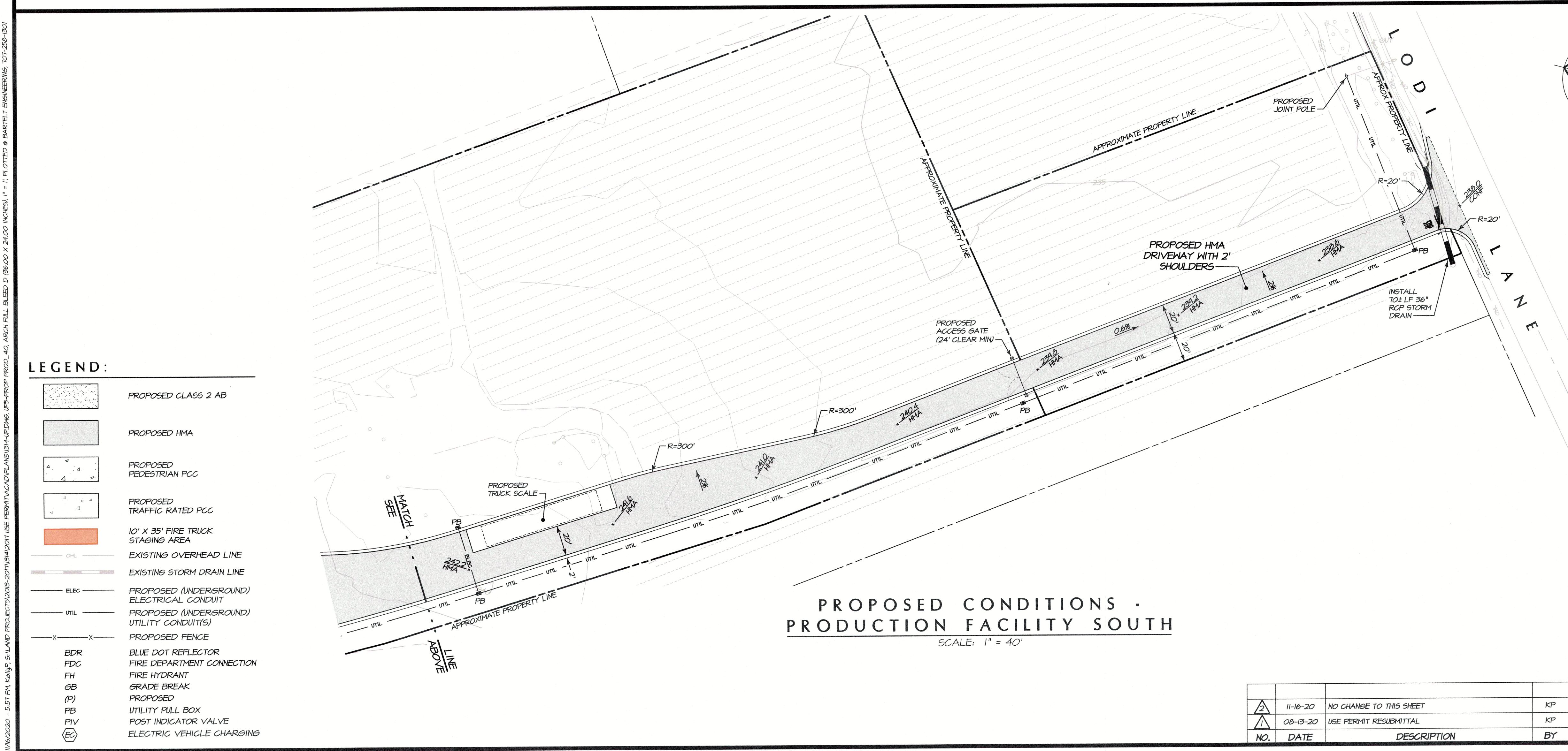




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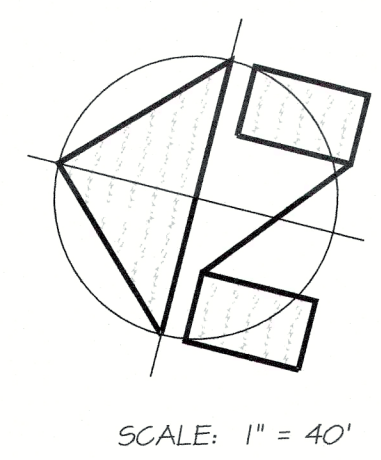


PROPOSED CONDITIONS - PRODUCTION FACILITY NORTH  
SCALE: 1" = 40'



PROPOSED CONDITIONS - PRODUCTION FACILITY SOUTH  
SCALE: 1" = 40'

- LEGEND:**
- PROPOSED CLASS 2 AB
  - PROPOSED HMA
  - PROPOSED PEDESTRIAN PCC
  - PROPOSED TRAFFIC RATED PCC
  - 10' X 35' FIRE TRUCK STAGING AREA
  - EXISTING OVERHEAD LINE
  - EXISTING STORM DRAIN LINE
  - PROPOSED (UNDERGROUND) ELECTRICAL CONDUIT
  - PROPOSED (UNDERGROUND) UTILITY CONDUITS
  - PROPOSED FENCE
  - BLUE DOT REFLECTOR
  - FIRE DEPARTMENT CONNECTION
  - FIRE HYDRANT
  - GRADE BREAK
  - PROPOSED
  - UTILITY PULL BOX
  - POST INDICATOR VALVE
  - ELECTRIC VEHICLE CHARGING



SCALE: 1" = 40'

**PRODUCTION FACILITY PARKING SUMMARY:**

TYPE OF PARKING	NUMBER OF STALLS
REGULAR	24
UNIVERSAL ACCESS - STANDARD	1
UNIVERSAL ACCESS - VAN EVC (UAV-EVC)	1
CLEAN AIR/VANPOOL/ELECTRIC VEHICLE (EV)	3
ELECTRIC VEHICLE CHARGING STATION (EVC)	2
<b>TOTAL</b>	<b>31</b>

**NOTES:**

- BUILDING FOOTPRINT WAS DERIVED FROM THE ARCHITECTURAL DIGITAL FILE. SEE ARCHITECT'S PLANS FOR EXACT BUILDING SPECIFICATIONS.
- SEE BARTELT ENGINEERING ONSITE WASTEWATER DISPERSAL FEASIBILITY STUDY FOR ADDITIONAL INFORMATION.
- TOTAL VINEYARD AREA WHERE TREATED WINERY PROCESS WASTEWATER IS DISPERSED THROUGH SURFACE DRIP IRRIGATION IS BASED ON 6.78 ACRES. THE AREA FOR SURFACE DRIP IRRIGATION WILL NEED TO BE VERIFIED ONCE ALL DISPERSAL FIELD SETBACKS ARE DETERMINED AND A FINAL VINEYARD IRRIGATION PLAN HAS BEEN DEVELOPED.
- ONE (1) OF THE THREE (3) EXISTING WELLS WILL BE UTILIZED AS THE WATER SOURCE FOR THE PROPOSED PRIVATE WATER SYSTEM THAT WILL SERVE THE PROPOSED PRODUCTION FACILITY.
- ALL PROPOSED OFF STREET PARKING SHALL CONFORM TO NAPA COUNTY ROAD & STREET STANDARDS. UNIVERSAL ACCESS PARKING SHALL CONFORM TO NAPA COUNTY ROAD & STREET STANDARDS, OR THE 2019 CALIFORNIA BUILDING CODE (C.B.C.), WHICHEVER IS MORE STRINGENT.
- ALL PROPOSED ONSITE WINERY ACCESS ROAD(S) SHALL CONFORM TO THE NAPA COUNTY ROAD & STREET STANDARDS, SECTION 5, DESIGN CRITERIA, WHICH INCLUDES MINIMUM CRITERIA FOR WIDTH, SECTION, AND INSIDE RADIUS OF CURVATURE FOR A COMMERCIAL ACCESS DRIVE.
- ALL PROPOSED OFFSITE IMPROVEMENTS WITHIN THE NAPA COUNTY RIGHT-OF-WAY SHALL CONFORM TO THE NAPA COUNTY DEPARTMENT OF PUBLIC WORKS STANDARDS.



PREPARED UNDER THE DIRECTION OF  
*Paul N. Bartelt*  
PAUL N. BARTELT  
R.C.E. 45102

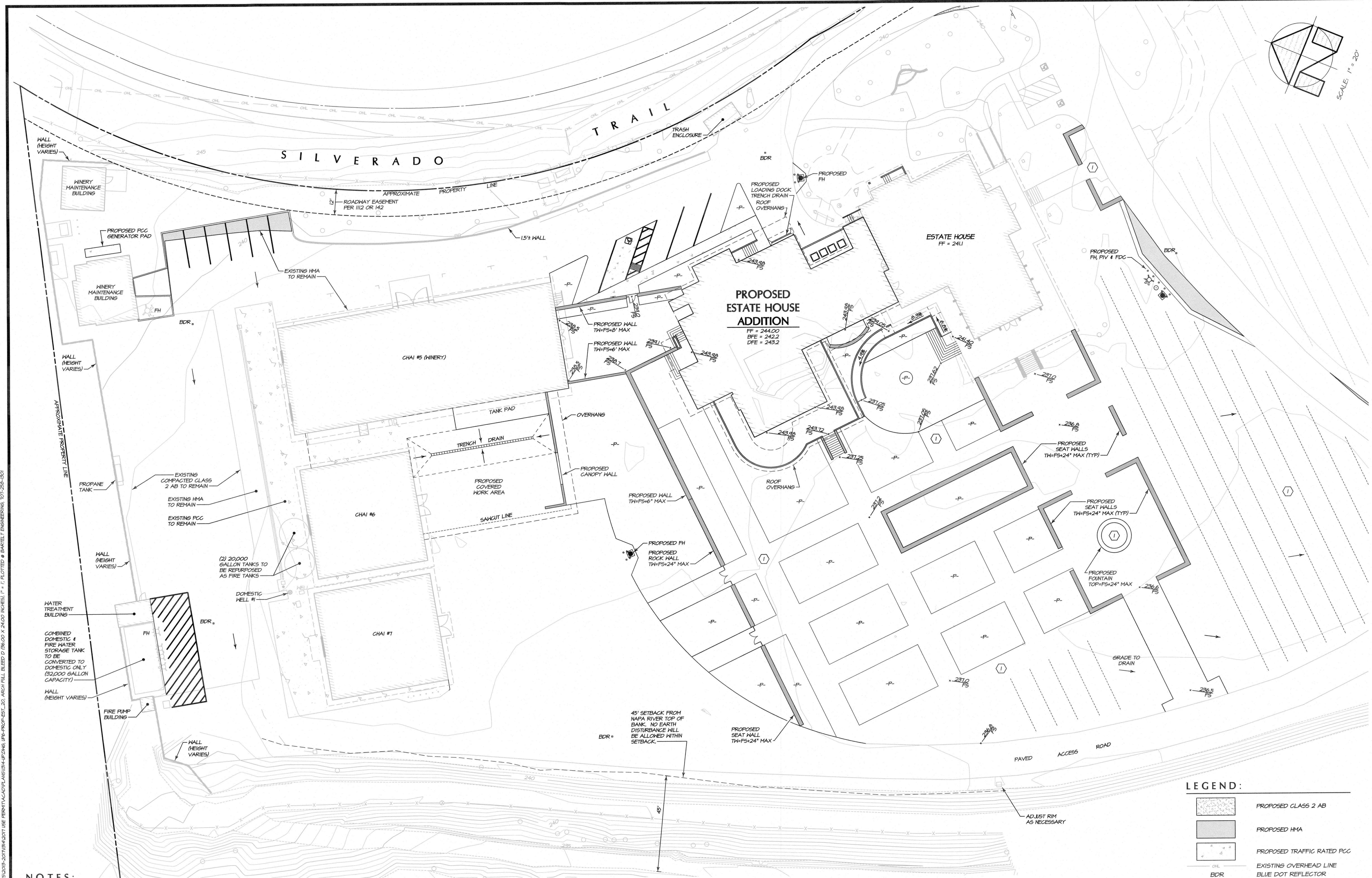
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2	08-13-20	USE PERMIT RESUBMITTAL	KP

**BARTELT ENGINEERING**  
CIVIL ENGINEERING - LAND PLANNING  
1303 Jefferson Street, Suite 200, Napa, CA 94559  
www.bartelt-engineering.com  
Telephone: 707-258-1301

**DUCKHORN VINEYARDS WINERY**  
**PROPOSED CONDITIONS - PRODUCTION FACILITY**  
**NAPA COUNTY**  
**CALIFORNIA**

DATE: MARCH 2019  
JOB NO: 13-14  
SHEET NO: **UP5**  
OF 13





OWNERSHIP OF DOCUMENTS

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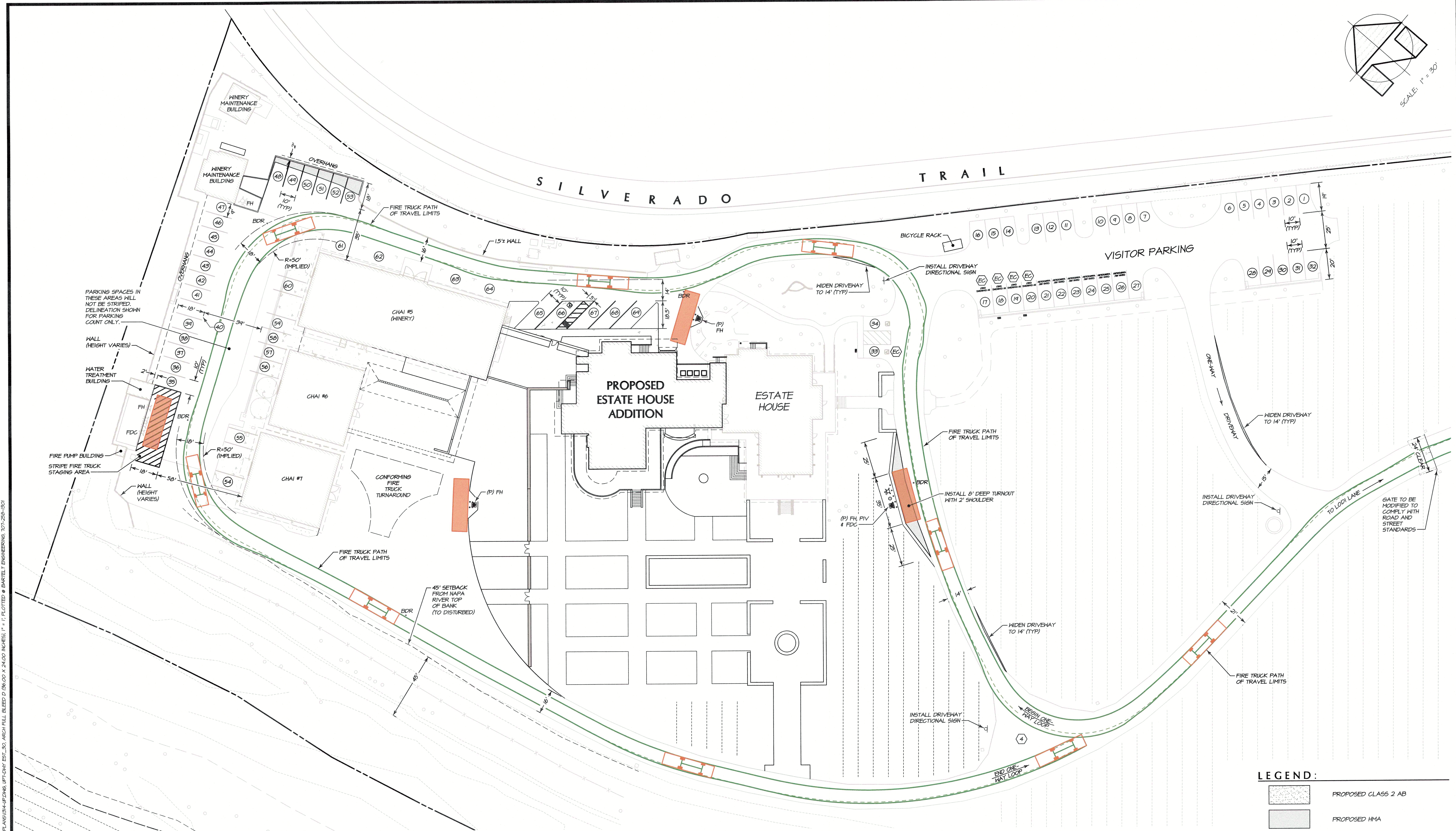
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# POSED CONDITIONS - ESTATE

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NOTES:





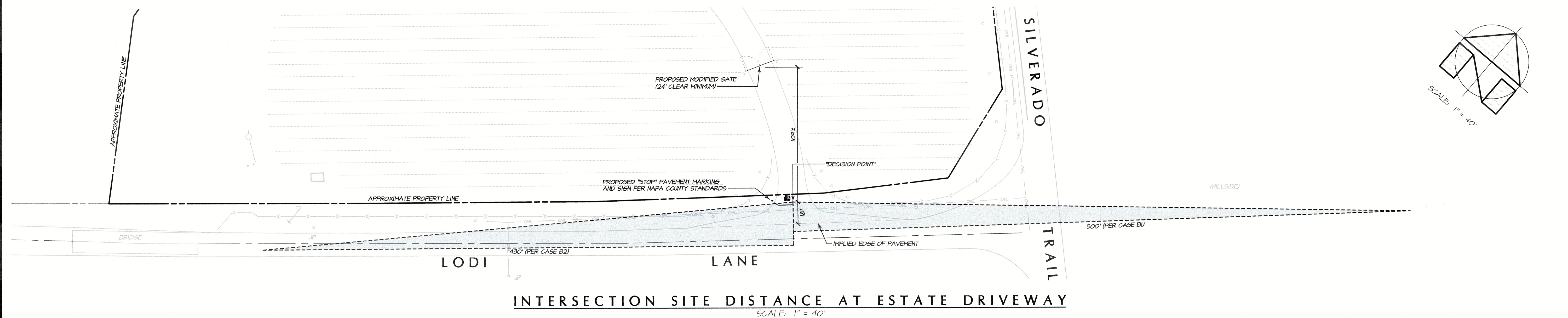
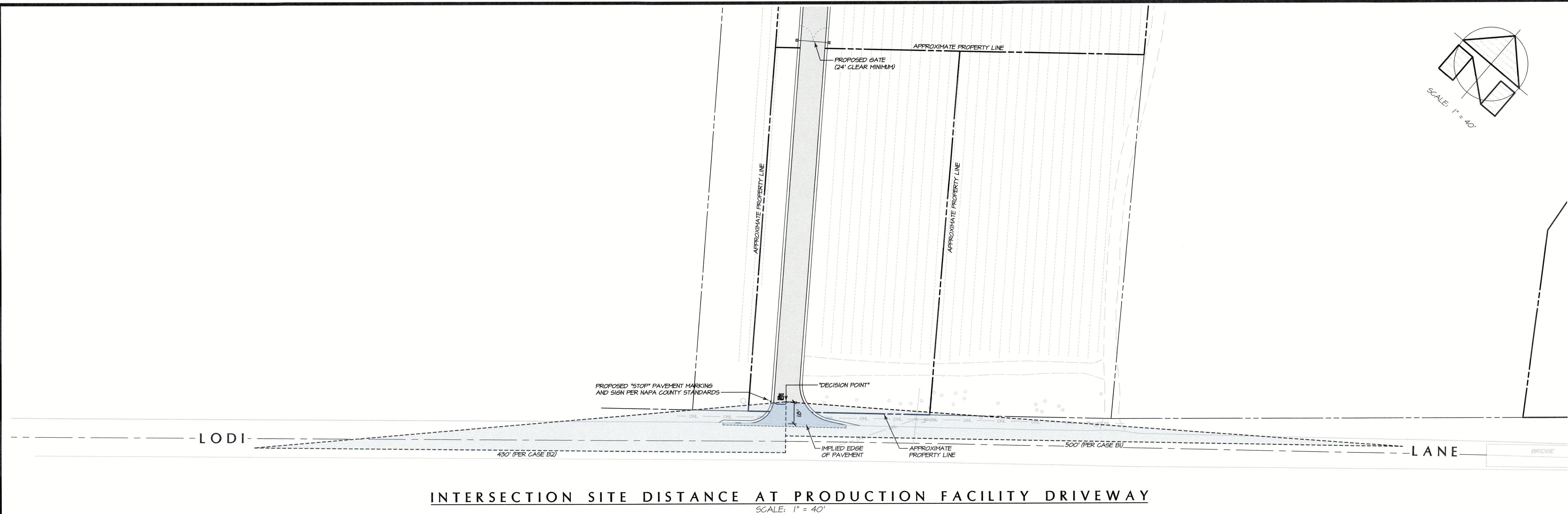
## PARKING & DRIVEWAY ANALYSIS - ESTATE

## ESTATE PARKING SUMMARY:

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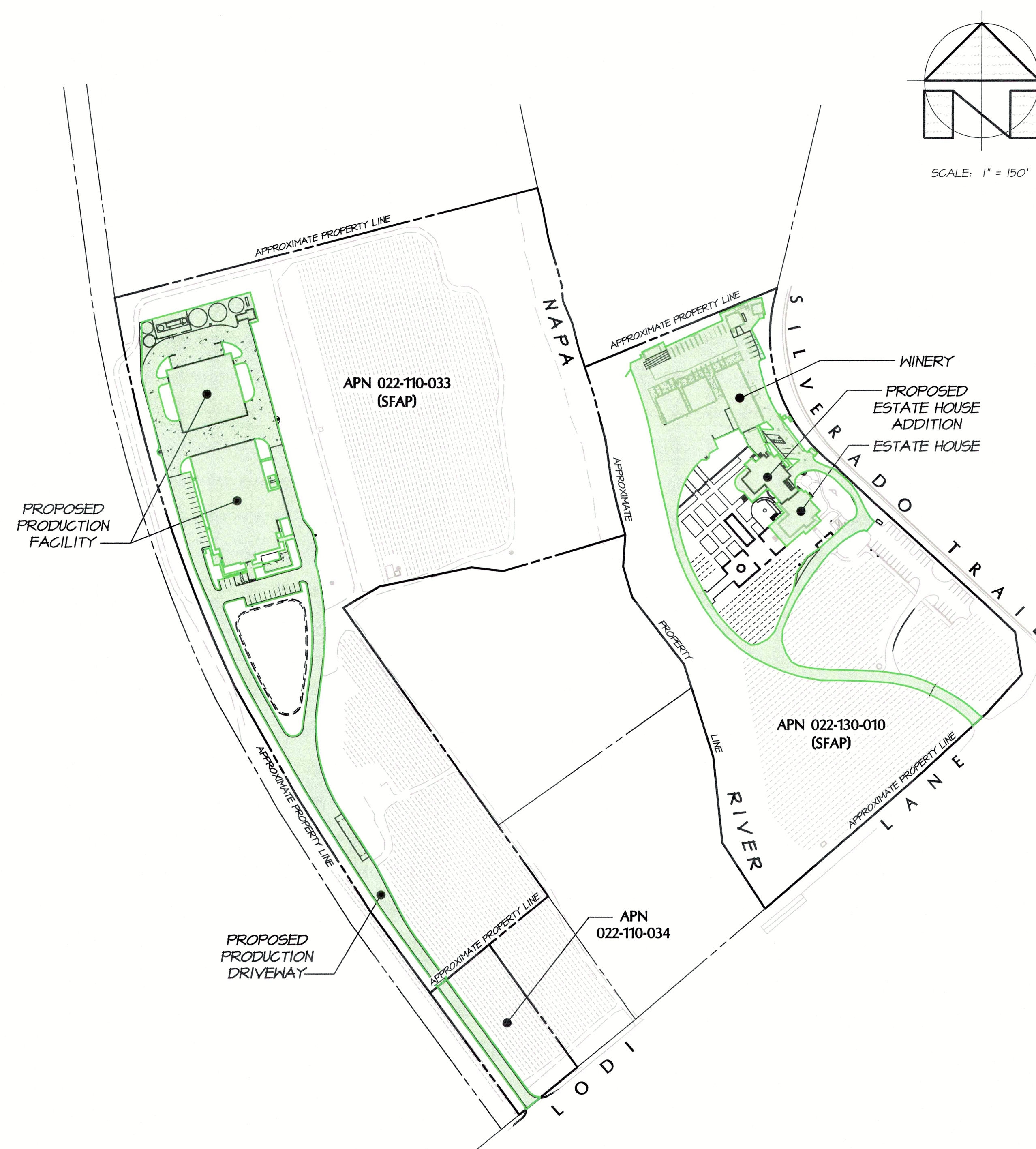
## WINERY DEVELOPMENT AREA EXHIBIT EXISTING CONDITIONS

SCALE: 1" = 150'

WINERY DEVELOPMENT AREAS:

- MINERY DEVELOPMENT AREA (111,016± SQ FT = 2.55± ACRES)  
PARCEL SIZE (APN 022-130-010 SFAP): 10.67± ACRES
- MINERY DEVELOPMENT AREA (0± SQ FT = 0± ACRES)  
PARCEL SIZE (APN 022-100-033 SFAP): 19.67± ACRES
- TOTAL SFAP PARCELS: 2.55± ACRES / 30.34 ACRES
- MINERY DEVELOPMENT AREA (0± SQ FT = 0± ACRES)  
PARCEL SIZE (APN 022-100-034): 1.01± ACRES

WINERY DEVELOPMENT AREA - ALL AGGREGATE PAVED OR IMPERVIOUS OR SEMI-PERMEABLE GROUND SURFACE AREAS OF THE PRODUCTION FACILITY WHICH INCLUDES ALL STORAGE AREAS (EXCEPT CAVES), OFFICES, LABORATORIES, KITCHENS, TASTING ROOMS AND PAVED PARKING AREAS FOR THE EXCLUSIVE USE OF WINERY EMPLOYEES. SEE NAPA COUNTY CODE 518.104.210





## WINERY DEVELOPMENT AREA EXHIBIT PROPOSED CONDITIONS

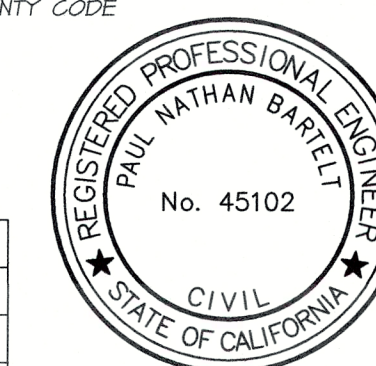
SCALE: 1" = 150'

WINERY DEVELOPMENT AREAS:

- WINERY COVERAGE AREA (117,387± SQ FT = 2.70± ACRES)  
PARCEL SIZE (APN 022-130-010 SFAP): 10.67± ACRES
- WINERY COVERAGE AREA (154,942± SQ FT = 3.56± ACRES)  
PARCEL SIZE (APN 022-100-033 SFAP): 19.67± ACRES
- TOTAL SFAP PARCELS: 6.26± ACRES / 30.34 ACRES
- WINERY COVERAGE AREA (12,000± SQ FT = 0.17± ACRES)  
PARCELS SIZE (APN 022-100-034, 101± ACRES)

WINERY DEVELOPMENT AREA - ALL AGGREGATE PAVED OR IMPERVIOUS OR SEMI-PERMEABLE GROUND SURFACE AREAS OF THE PRODUCTION FACILITY WHICH INCLUDES ALL STORAGE AREAS (EXCEPT CAVES), OFFICES, LABORATORIES, KITCHENS, TASTING ROOMS AND PAVED PARKING AREAS FOR THE EXCLUSIVE USE OF WINERY EMPLOYEES. SEE NAPA COUNTY CODE 518.104.210

	11-16-20	NO CHANGE TO THIS SHEET	KF
	08-13-20	USE PERMIT RESUBMITTAL	KF
NO.	DATE	DESCRIPTION	BY



PREPARED UNDER THE DIRECTION OF

PAUL N. BARTELT 11-16-2011 R.C.E. 4

R.C.E. 45102

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DES: MGG / RP	
DRAWN: KP	
CHECKED: PNB	


**BARTOLT**  
**ENGINEERING**  
CIVIL ENGINEERING • LAND PLANNING  
13303 Jefferson Street, 200 B, Napa, CA 94559  
[www.bartoltingeering.com](http://www.bartoltingeering.com)

DUCKHORN VINEYARDS WINERY  
WINERY DEVELOPMENT AREA EXHIBITS  
YAKA COUNTY CALIFORNIA

DATE: MARCH 2019

JOB NO: 13

SHEET NO.

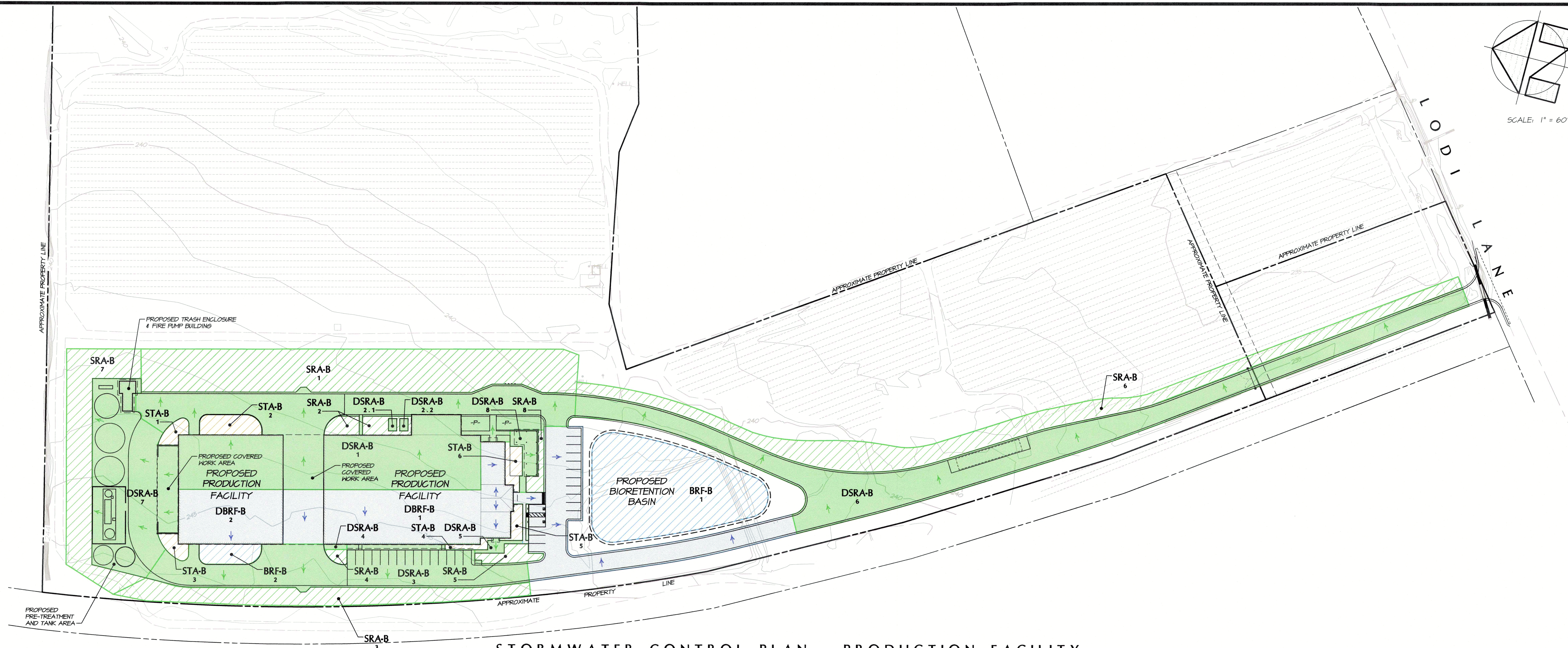
UP10  
OF 13 







11/6/2020 - 3:50 PM KEMP: S: LAND PROJECTS\2019-2020\194\301 USE PERMIT\CALAD\LAND\194\4\UP\DWG: UP12-SCP PROJ: AREA FULL BLEED D 24.00 X 24.00 INCHES, 1" = 1', PLOTTED @ BARTLETT ENGINEERING, VOT-258-1301



# STORMWATER CONTROL PLAN - PRODUCTION FACILITY DRAINAGE MANAGEMENT AREA EXHIBIT

SCALE: 1" = 60'

## DRAINAGE MANAGEMENT AREAS TABLE

DMA NAME	AREA (SQ FT)	SURFACE TYPE
SELF-RETAINING AREA (SRA)		
SRA-B 1	26,713	LANDSCAPE
SRA-B 2	1,934	LANDSCAPE
SRA-B 3	9,503	LANDSCAPE
SRA-B 4	373	LANDSCAPE
SRA-B 5	1,233	LANDSCAPE
SRA-B 6	10,304	LANDSCAPE
SRA-B 7	11,799	LANDSCAPE
SRA-B 8	826	LANDSCAPE
AREA DRAINING TO SRA (DSRA)		
DSRA-B 1	46,912	ROOF/PAVING
DSRA-B 2.1	150	ROOF/PAVING
DSRA-B 2.2	150	ROOF/PAVING
DSRA-B 3	10,947	ROOF/PAVING
DSRA-B 4	179	ROOF/PAVING
DSRA-B 5	480	ROOF/PAVING
DSRA-B 6	36,166	ROOF/PAVING
DSRA-B 7	20,062	ROOF/PAVING
DSRA-B 8	1,502	ROOF/PAVING
BIOTRETENTION FACILITY (BRF)		
BRF-B 1	20,304	LANDSCAPE
BRF-B 2	1,742	LANDSCAPE
AREA DRAINING TO BRF (DBRF)		
DBRF-B 1	36,071	ROOF/PAVING
DBRF-B 2	8,350	ROOF/PAVING
SELF-TREATING AREA (STA)		
STA-B 1	740	LANDSCAPE
STA-B 2	1,742	LANDSCAPE
STA-B 3	740	LANDSCAPE
STA-B 4	440	LANDSCAPE
STA-B 5	653	LANDSCAPE
STA-B 6	1,039	LANDSCAPE

## LEGEND:

- BIOTRETENTION FACILITY (BRF)
- AREA DRAINING TO BRF (DBRF)
- SELF-RETAINING AREA (SRA)
- AREA DRAINING TO SRA (DSRA)
- SELF-TREATING AREA (STA)
- DIRECTION OF FLOW



PREPARED UNDER THE DIRECTION OF

Paul N. Bartelt

R.C.E. 45102

NO.	DATE	DESCRIPTION	BY
1	11-16-20	NO CHANGE TO THIS SHEET	KP
2	08-13-20	USE PERMIT RESUBMITTAL	KP

DUCKHORN VINEYARDS WINERY  
SCP - PRODUCTION FACILITY  
NAPA COUNTY  
CALIFORNIA

DATE: MARCH 2019

JOB NO: 13-14

SHEET NO:

UP12

OF 13

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www.bartlettingeering.com  
Telephone: 707-258-1301

DES: MGS / RP  
DRAW: KP  
CHECK: PNB



DRAINAGE MANAGEMENT AREAS TABLE		
DMA NAME	AREA (SQ FT)	SURFACE TYPE
SELF-RETAINING AREA (SRA)		
SRA-A 1	9,466	LANDSCAPE
SRA-A 2	4,065	LANDSCAPE
SRA-A 3	756	LANDSCAPE
SRA-A 4	641	LANDSCAPE
SRA-A 6	339	LANDSCAPE
SRA-A 7	13,387	LANDSCAPE
SRA-A 8	654	LANDSCAPE
SRA-A 9	6,977	LANDSCAPE
SRA-A 10	7,468	LANDSCAPE
AREA DRAINING TO SRA (DSRA)		
DSRA-A 1.1	351	ROOF/PAVING
DSRA-A 1.2	1,462	ROOF/PAVING
DSRA-A 2.1	4,286	ROOF/PAVING
DSRA-A 2.2	1,538	ROOF/PAVING
DSRA-A 3	386	ROOF/PAVING
DSRA-A 4	300	ROOF/PAVING
DSRA-A 6	458	ROOF/PAVING
DSRA-A 7	7,473	ROOF/PAVING
DSRA-A 8	650	ROOF/PAVING
DSRA-A 9	13,199	ROOF/PAVING
DSRA-A 10.1	555	ROOF/PAVING
DSRA-A 10.2	4,982	ROOF/PAVING
BIORETENTION FACILITY (BRF)		
BRF-A 1	402	LANDSCAPE
BRF-A 2	170	LANDSCAPE
AREA DRAINING TO BRF (DBRF)		
DBRF-A 1	3,910	ROOF/PAVING
DBRF-A 2	1,353	ROOF/PAVING
SELF-TREATING AREA (STA)		
STA-A 1	1,484	LANDSCAPE
STA-A 2	338	LANDSCAPE
STA-A 3	197	LANDSCAPE
STA-A 4	250	LANDSCAPE



STORMWATER CONTROL PLAN - ESTATE  
DRAINAGE MANAGEMENT AREA EXHIBIT

SCALE: 1" = 30'

NO.	DATE	DESCRIPTION	BY
1	11-16-20	NO STATUS LETTER #2	KP
2	08-13-20	USE PERMIT RESUBMITTAL	KP



PREPARED UNDER THE DIRECTION OF  
*Paul N. Bartelt*  
PAUL N. BARTELT  
R.C.E. 45102

OWNERSHIP OF DOCUMENTS

DES: MGB / RP

DOWN: KP

CHKD: PNB

DATE: MARCH 2019

JOB NO: 13-14

SHEET NO: UP13

OF 13

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DUCKHORN VINEYARDS WINERY

SCP - ESTATE

NAPA COUNTY

CALIFORNIA