



Rec'd 11/17/17

1434 Third Street • Eureka, CA • 95501-0682  
707 442-1735 • fax: 707 442-8823  
Email: nrm@nrmcorp.com  
Web: www.nrmcorp.com

November 7, 2017

Humboldt County Planning Department  
Eureka, CA, 95501

Re: Relocating Cultivation Areas on the Baldwin Property, APN 222-071-030

To whom it concern,

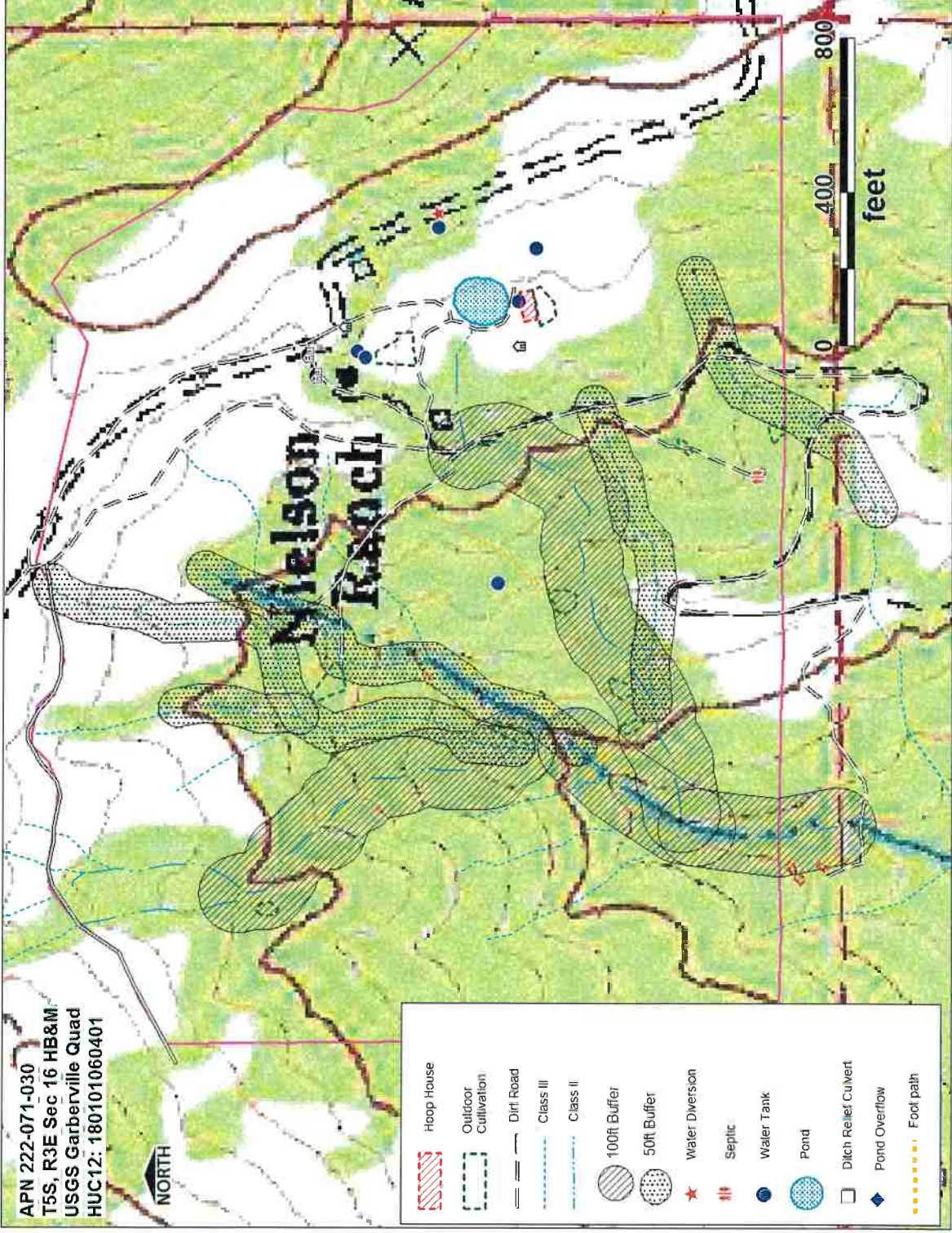
I am writing this letter on behalf of Mr. Justin Baldwin in regards to relocating and consolidation cannabis cultivation areas on APN 222-071-030. Natural Resources Management Corporation has documented eleven different cultivation areas on the Property (see maps below for details). A portion of eight of these cultivation areas fall with the riparian buffers of class II and III streams, For five of these the entire cultivation site is within the riparian buffer. Additionally these six sites are all located within and surrounded by forest habitat.

We believe that removing and restoring the existing cultivation areas, and relocating them to one appropriate area on the property would be the environmentally superior option. The current condition of scattered cultivation sites fragments wildlife habitat with tree clearing and human disturbance, including the noise of human activity needed to maintain the cultivation spread throughout the property. Additionally no cultivation can take place within riparian buffers as the Water Board considers cultivation activities close to creeks a threat to water quality. Under the Water Board Order for cannabis cultivation, all cultivation within riparian buffers must be removed and restored. We recommend consolidating all of the existing cultivation sites into one area. An area south of the pond outside of any riparian buffers has been chosen. This site in open grassland and close to the other infrastructure (house etc.) on the property is much more appropriate site for cannabis cultivation than the current existing cultivation areas. By consolidating all the existing sites, all of the noise disturbance that goes along with cultivation activates will be consolidated into one location on the property.

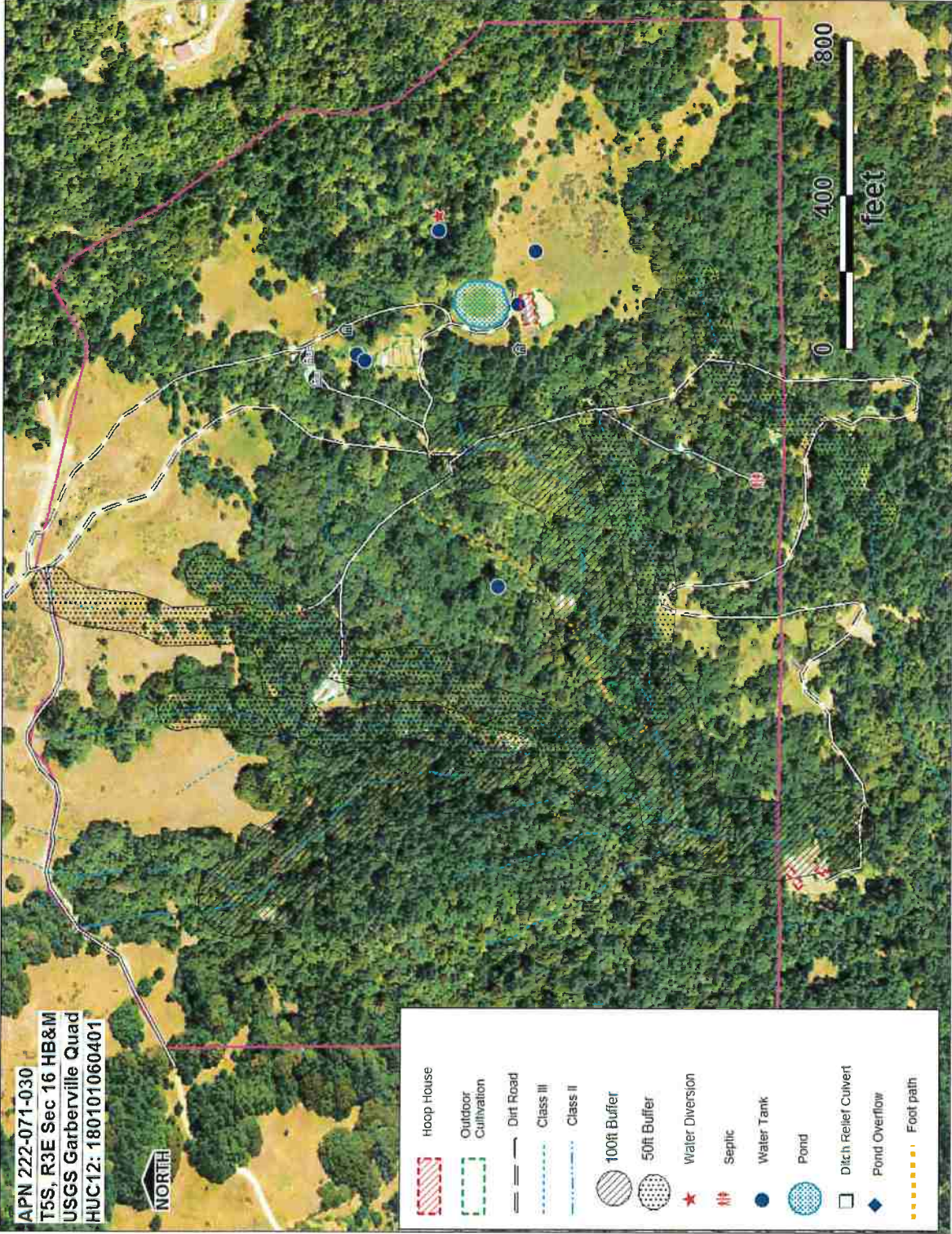
Please call me with questions or concerns.

Sincerely,

Prairie Moore  
Vice President  
Natural Resources Management Corporation  
707-442-173



Location of existing cultivation areas and riparian buffers

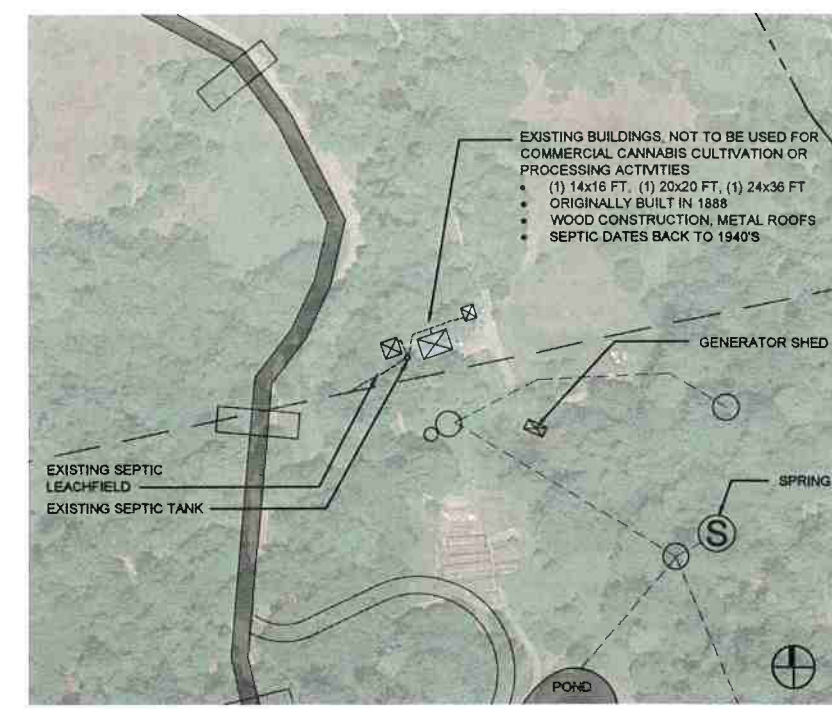
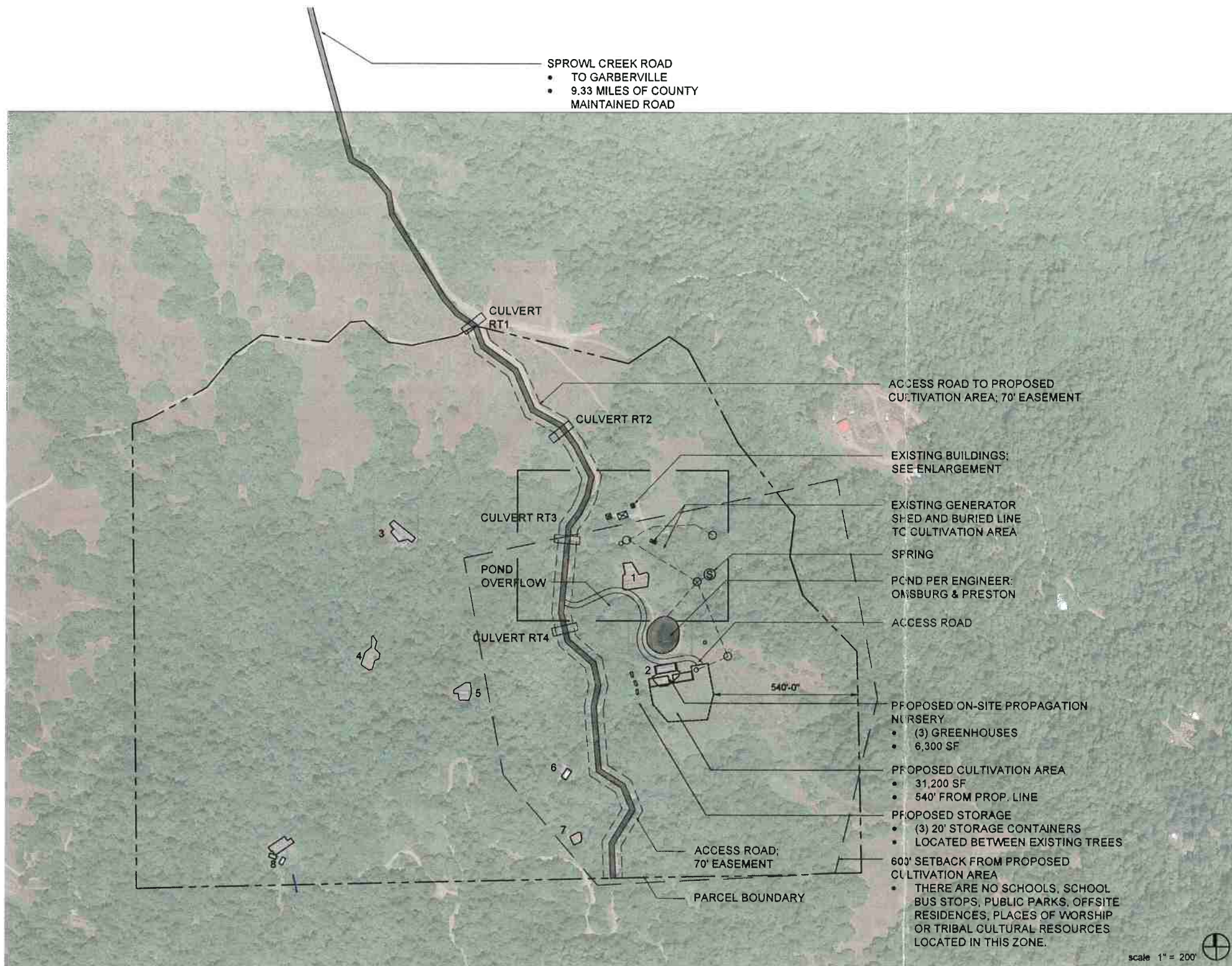


APN 222-071-030  
 T5S, R3E Sec 16 HB&M  
 USGS Garberville Quad  
 HUC12: 180101060401

NORTH

800  
400  
0  
feet

Location of existing grows and forested areas



Existing Building Enlargement Plan

Zones with Active Cultivation Prior to Jan 1, 2016:

Zone 1	Area = 6874 SF
Zone 2	Area = 6095 SF
Zone 3	Area = 3661 SF
Zone 4	Area = 5903 SF
Zone 5	Area = 2975 SF
Zone 6	Area = 743 SF
Zone 7	Area = 1582 SF
Zone 8	Area = 3346 SF

*To be relocated*

Total Area of Cultivation, Prior to Jan 1, 2016: 31,179 SF

*↑ size of "consolidation area"*

Site Features:

- Easement
- Class II Stream
- Class III Stream
- Spring
- Access Road
- Graded Flats
- Existing Building
- Buried Electrical Line
- Plastic Water Tank, 500-3000gal, 5-15 years old
- Plastic Water Tank, under 500gal, 5-15 years old
- Culvert
- Proposed Cultivation Area
- 600' Buffer Zone
- Pond = Approx. 1 million Gallons

CMMLUOC Site Plan

Justin Baldwin  
 APN 222-071-030  
 Application #12244

161 Oak Rock Road  
 Garberville, California

date 2017.12.04

*Updated 1-31-18*

# GRADING, DRAINAGE & EROSION CONTROL PLAN

## JUSTIN BALDWIN

Garberville, California



**CAUTION:**

**UNAUTHORIZED CHANGES & USES**

The Engineer preparing these plans will not be responsible for, or liable for, unauthorized changes to or uses of these plans. All changes must be in writing and must be approved by the preparer of these plans.

Construction Contractor agrees that in accordance with generally accepted construction practices, construction Contractor will be required to assume sole and complete responsibility for job site conditions during the course of construction of the project, including safety of all persons and property; that this requirement shall be made to apply continuously and not be limited to normal working hours; and Construction Contractor further agrees to defend, indemnify and hold design professional harmless from any and all liability, real or alleged, in connection with the performance of work on this project, excepting liability arising from the sole negligence of design professionals.

**CONSTRUCTION NOTES**

**GENERAL**

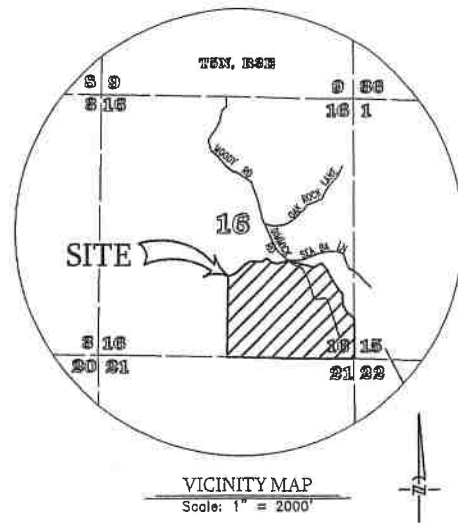
- The information and elevations pertaining to existing underground facilities, as shown herein, are from record information and is presented here for information purposes only. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING ALL AGENCIES INVOLVED AND SHALL LOCATE THE EXISTING UNDERGROUND FACILITIES PRIOR TO EXCAVATION AND CONSTRUCTION IN ANY AREA. The Contractor shall contact Underground Service Alert (USA) at 811 at least two (2) working days in advance of any excavation, and shall notify the Engineer and Developer of any apparent discrepancies in the record information shown herein.
- Contours are based on Garberville USGS 7 1/2 min quad map.
- Materials and work shall be in accordance with the Standard Specifications and Standard Plans of the State of California Department of Transportation (CalTrans), latest edition, and the Improvement Standards, latest revision, of the County of Humboldt.
- The Contractor shall remove from the site and lawfully dispose of all deleterious material (broken concrete, asphalt pavement, base material, rocks, stumps, roots, limbs, etc.) to a County approved disposal site.
- The Contractor shall protect all existing improvements on or adjacent to the project site, including but not limited to fences, concrete curbs and gutters, concrete slabs, underground conduits, structures, decks, landscaping, etc. Where damage to adjacent improvement is unavoidable, the Contractor shall make arrangements with the property owner to replace or repair the damaged improvements.
- Dust shall be controlled by watering during all phases of construction.
- Sanitary facilities shall be maintained on the site during construction.
- Storm drain pipe, shall be High-Density Polyethylene (N-12 as manufactured by ADS, or approved equal), or as specified on these plans.

**PLOT PLAN NOTES**

- The site, outside of the SMA, has historically not been subject to flooding, Per F.I.R.M. Community-Panel No. 060060 1875 B.
- It is unknown at this time whether the site is underlain by sensitive habitat areas, wetland areas or archaeological resources.
- No trees will be removed.

**GRADING & EROSION CONTROL NOTES**

- Approximately 38,800± C.Y. of soil material will be relocated to accomplish the grading for the 1.6 million gallon pond and the culvert replacement.
- All ground bared by earth-moving activities shall receive erosion control treatment prior to the onset of the winter rains. Erosion control treatment shall consist of the following:
  - Native erosion control seed mix free of noxious weed, spread at a rate of 100 lbs/acre and 16-20-0 fertilizes at a rate of 200 lbs/acre.
  - Spread straw at the rate of 2 tons/acre.
  - Straw shall be stable and not subject to removal by wind, the straw shall be placed with partial embedment into the soil or treated with a suitable stabilizing emulsion.
- The goal of this Grading, Drainage & Erosion Control Plan is to minimize sediment leaving the site, and to ensure that any sediment that does leave will have an insignificant impact downstream.
- Site monitoring prior to and after significant storm events will be made by the Developer, to verify that the erosion control measures are satisfactory, and to determine if additional measures are required in order to achieve this plan's goal.
- All earthwork and grading shall be completed in accordance with Section 19 of CalTrans Specifications, latest Edition, and Section 331-12 of the Humboldt County Land Use and Development Ordinance.
- Cut slopes shall be 2:1 maximum and fill slopes shall be 2:1 maximum unless otherwise shown on the plans.
- Project Engineer or other qualified professional to inspect grading work for conformance with recommendations of said Engineering-Geologic Soils Exploration Report of Findings & these Construction Plans.
- Contractor to provide BMPs as required in Appendix B of SWRCB Order No. R1-2015-0023, II. Standard BMPs for construction.
- A 20 mil HDPE pond liner shall be installed to manufacturer's specifications. Six inches of loamy soil without gravel or cobbles shall be installed over the pond liner.



**DRAWING INDEX**

SHEET	DRAWING
1	COVER / TITLE SHEET
2	GRADING, DRAINAGE & EROSION CONTROL PLAN
3	POND GRADING
4	FILL SITE
5	REHABILITATION OF VIOLATION GRADING SITE #1
6	SECTIONS & SILT FENCE DETAIL SECTIONS

**OWNER/APPLICANT**

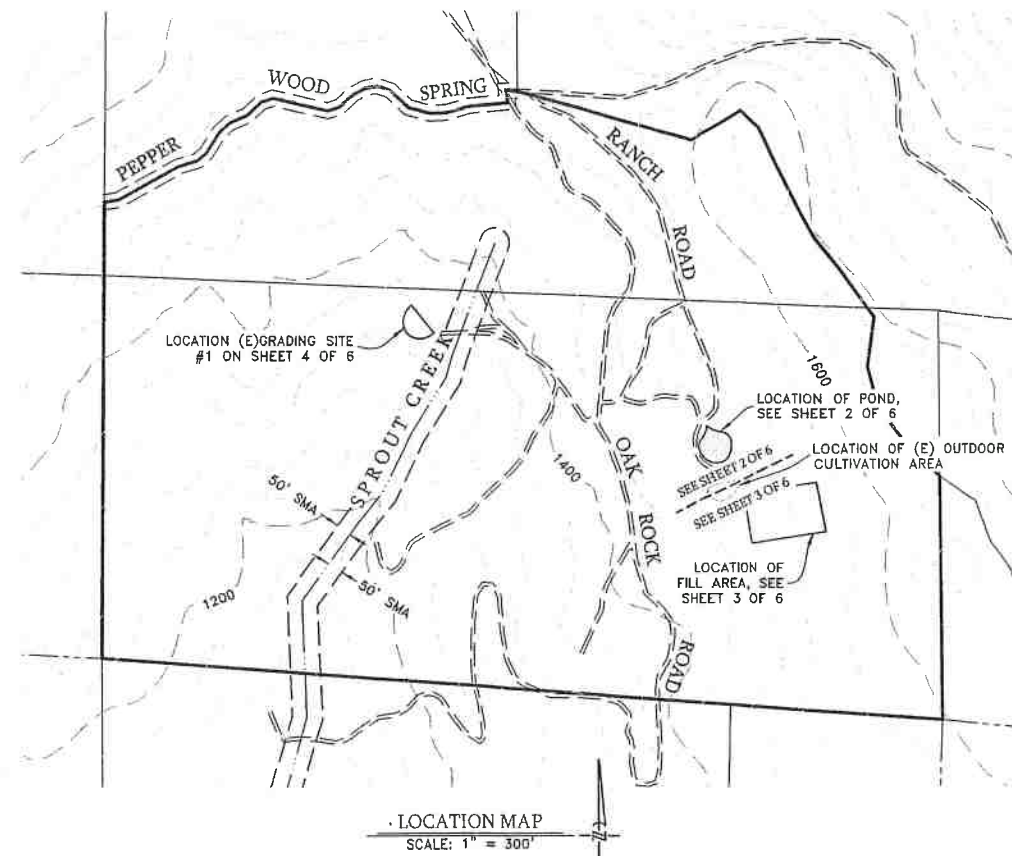
JUSTIN BALDWIN  
P. O. BOX 5022  
BERKELEY, CA 94705  
(510) 847-5445

**UTILITIES**

WATER	ON-SITE
SEPTIC	ON-SITE
ELECTRIC	SOLAR
GAS	PROPANE
TELEPHONE	CELLULAR
TELEVISION	DISH

**LEGEND**

SYMBOL	INDICATES
	DIRECTION OF SURFACE WATER RUNOFF/FLOW DIRECTION
	PARKING
(P)	PROPOSED
(E)	EXISTING
(TYP.)	TYPICAL
S.F.	SQUARE FEET
GAL.	GALLON
DIA.	DIAMETER
AGG.	AGGREGATE
HDPE	HIGH-DENSITY POLYETHYLENE
PVC	POLYVINYL CHLORIDE
SRA	STATE RESPONSIBILITY AREA
	PROPOSED CUT
	PROPOSED FILL
C.Y.	CUBIC YARDS
RSP	ROCK SLOPE PROTECTION
SMA	STREAMSIDE MANAGEMENT AREA
BMP	BEST MANAGEMENT PRACTICES
SWRCB	STATE WATER RESOURCES CONTROL BOARD
NRM	NATURAL RESOURCE MANAGEMENT, INC.
	SILT FENCE



STEPHEN G. NESVOLD, P.E.  
R.C.E. 25681

APPS # 12244  
APN 222-071-030

NO.	REVISION	DATE	BY

DESIGNED BY	DATE
SGN	09/23/16
DRAWN BY	DATE
CWB	09/23/16
CHECKED BY	DATE

<b>OMBERG &amp; PRESTON</b> 434 7th Street Eureka, California 95501 Telephone (707) 443-8651 Fax: 443-9422		REGISTERED PROFESSIONAL ENGINEER STATE OF CALIFORNIA CIVIL No. 25681
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<b>GRADING, DRAINAGE &amp; EROSION CONTROL PLAN</b> FOR <b>JUSTIN BALDWIN</b> In the unincorporated area of Humboldt County Portion SE/4 of Section 16, T.5N., R.3E., H.B.M.		SCALE AS SHOWN JOB NO. 16-1916 SHEET 1 OF 6
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