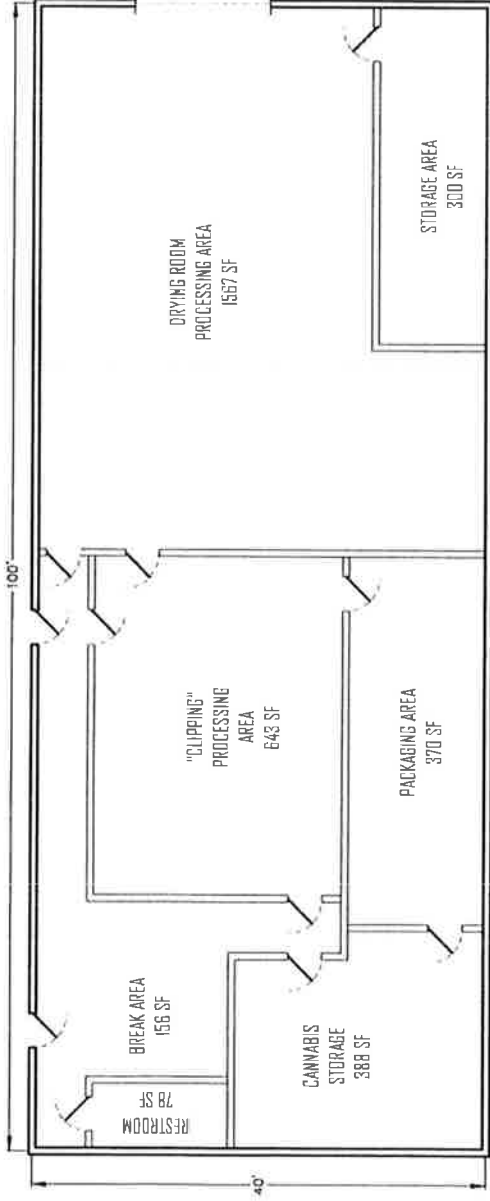
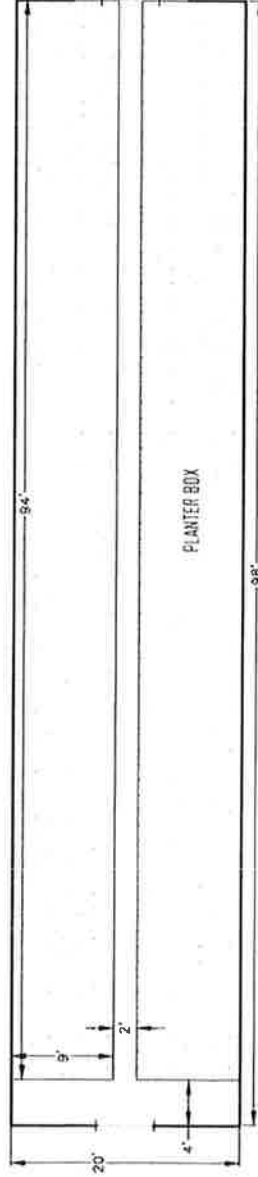


Sunny S Ranch
Mixed Light A-Type 3B
Cultivation Site Plan
 APN: 014-004-20 19424 Butts Canyon Rd
 Middletown, California



PROPOSED PROCESSING BUILDING



TYPICAL GREEN HOUSE

NO	DATE	BY	APP'D

LAKE COUNTY PLANNING DEPT
 LAKEHURST, CA

Outdoor Cultivation Site Plan
 BUILDING LAYOUT
 APN: 14-004-20
 19424 BUTTS CANYON RD
 MIDDLETOWN, CALIFORNIA



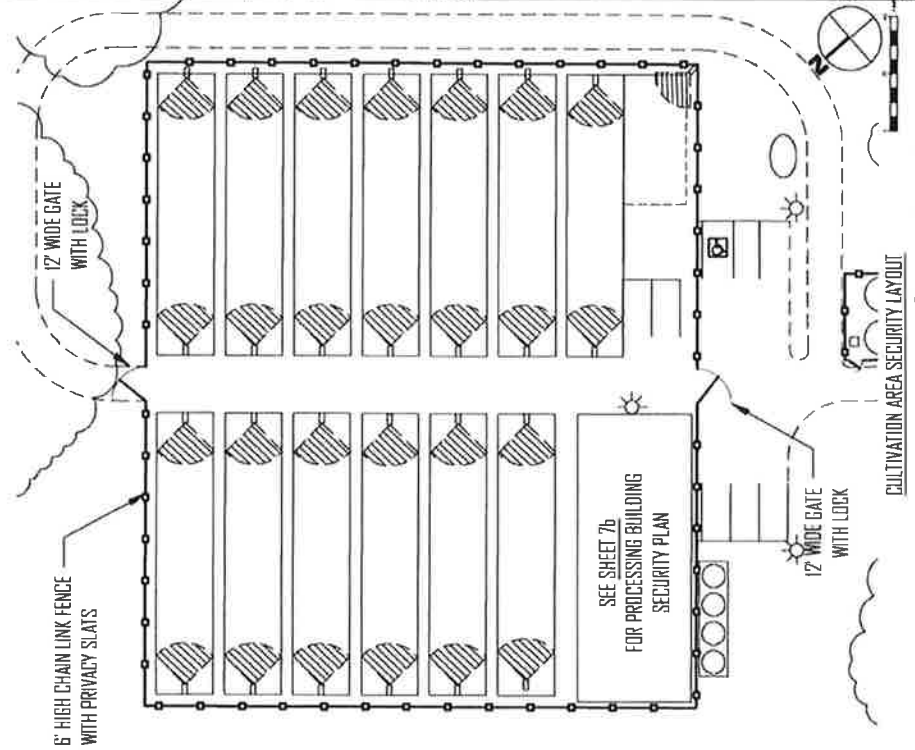
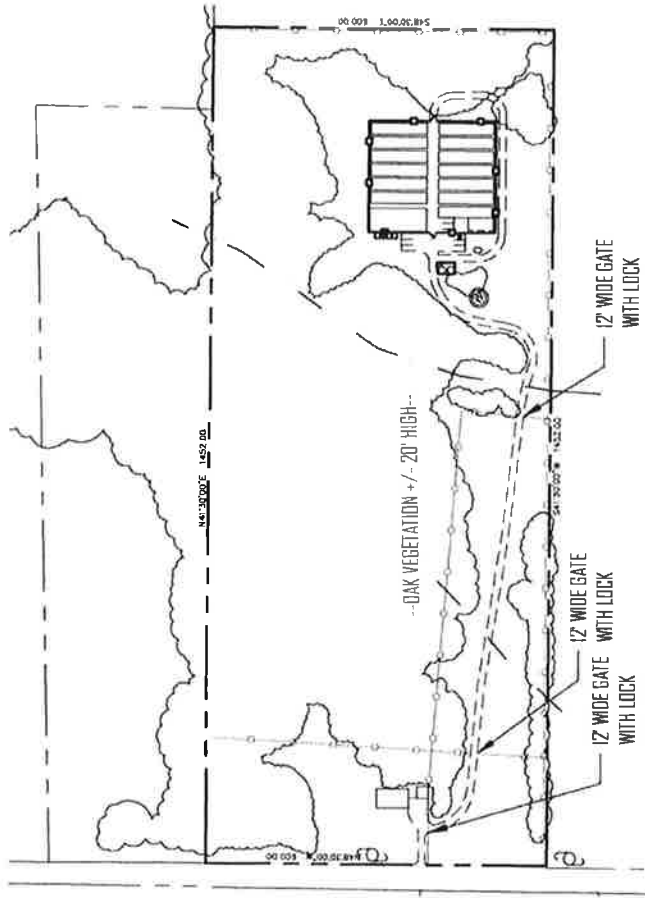
VanderWall
 Engineering, Inc.
 4115 W. 12th St.
 Ukiah, CA 95568
 (707) 278-4888

DATE: AUGUST 2020
 PROJECT: 18-144
 SHEET: 6 OF 7

LEGEND

- PROPERTY LINE
- ACCESS ROAD/DRIVEWAY
- TREE LINE
- WELL
- SECURITY CAMERA VIEW SHED
- THERMAL SECURITY CAMERA VIEW SHED
- MOTION SENSOR LIGHT

Sunny S Ranch
Mixed Light A-Type 3B
Cultivation Site Plan
 APN: 014-004-20 19424 Butts Canyon Rd
 Middletown, California



SITE MAP

CULTIVATION AREA SECURITY LAYOUT

SECURITY SHEET 7a

NO	DATE	REVISION	BY	APP'D

LAKE COUNTY PLANNING DEPT.
 LAKE COUNTY OF LAKE
 LAKEPORT, CA

Outdoor Cultivation Site Plan
 SECURITY 7a
 APR 14 2014 20
 19424 BUTTS CANYON RD
 MIDDLETOWN, CALIFORNIA

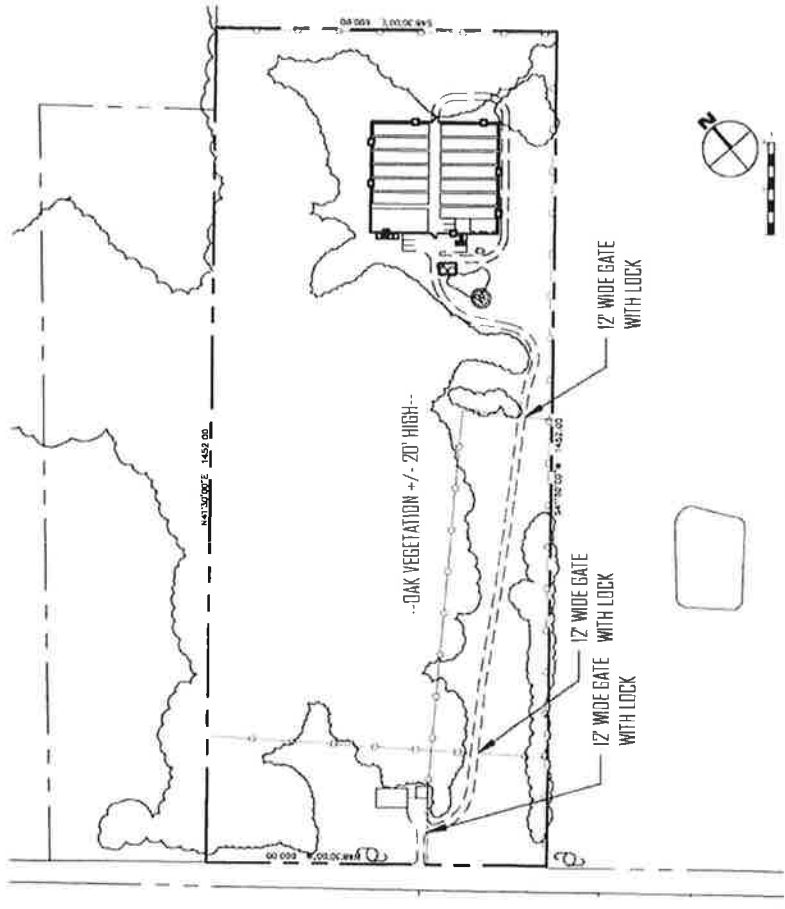
VanderWall
 Engineering, Inc.
 201-724-4807
 KELSEYVILLE, CA 95421
 PO BOX 431

DATE: AUGUST 22, 2018
 SHEET: 18 OF 44
 PROJECT: 18-44
 DRAWING: 18-44-01

18

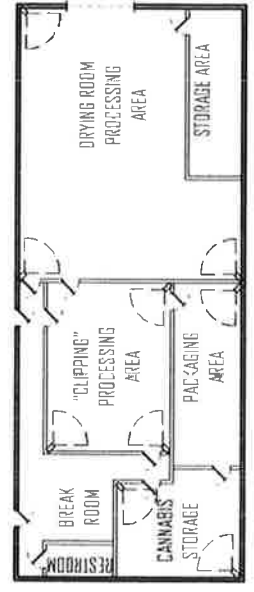
LEGEND

- PROPERTY LINE
- == ACCESS ROAD/DRIVEWAY
- ~ TREE LINE
- ⊙ WELL
- ☐ SECURITY CAMERA VIEW SHED
- ☐ THERMAL SECURITY CAMERA VIEW SHED
- ☀ MOTION SENSOR LIGHT



SITE MAP

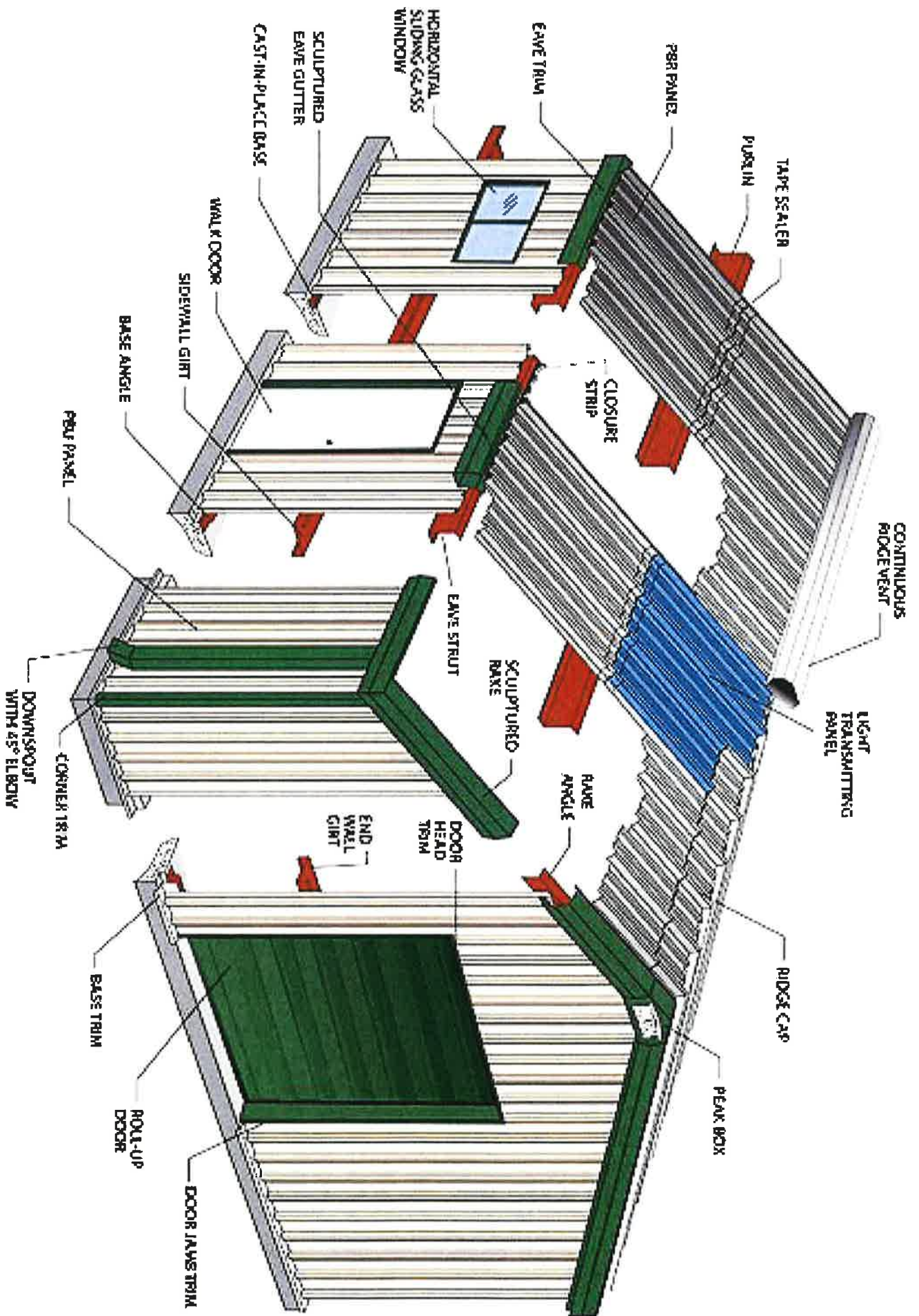
Sunny S Ranch
Mixed Light A-Type 3B
Cultivation Site Plan
 APN: 014-004-20 19424 Butts Canyon Rd
 Middletown, California

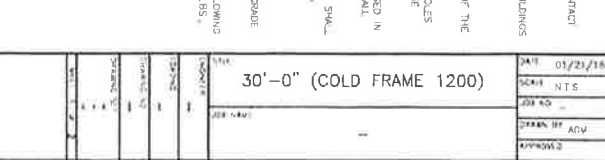
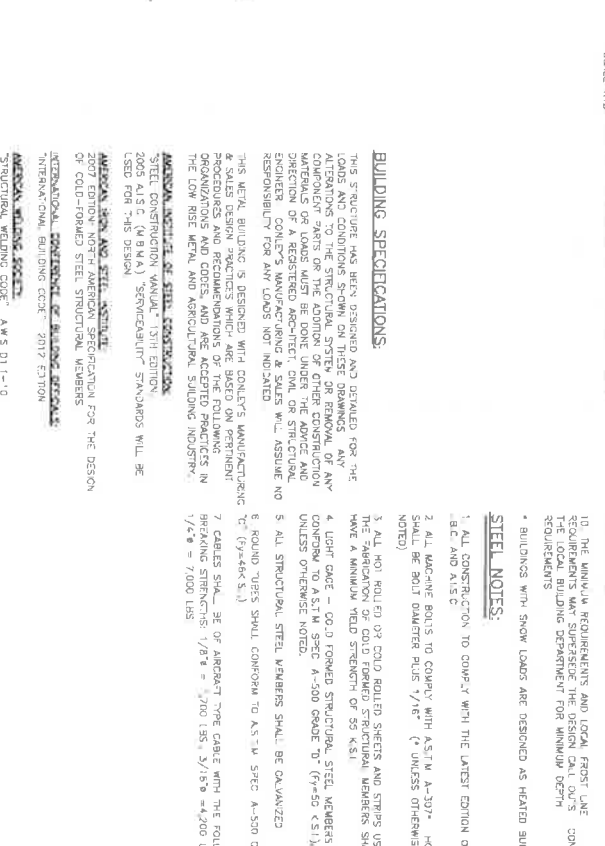
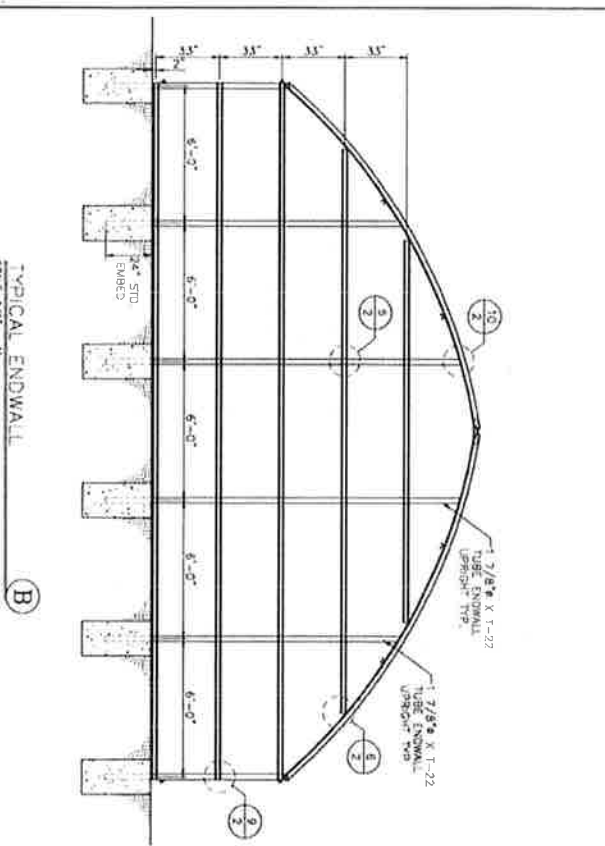


PROCESSING UNIT SECURITY LAYOUT

NO	DATE	BY	DESCRIPTION

SUBMITTED TO: LAKE COUNTY PLANNING DEPT. LAKE COUNTY, CA 94591
 PROJECT NO: 22-482
 PROJECT NAME: Outdoor Cultivation Site Plan
 19424 BUTTS CANYON RD
 MIDDLETOWN, CALIFORNIA
 VANDERWALL Engineering, Inc.
 1500 S. MAIN ST. SUITE 200
 MIDDLETOWN, CA 94561
 DATE: AUGUST 2012
 DRAWN BY: [Signature]
 CHECKED BY: [Signature]
 SHEET NO. 7b





- CONCRETE NOTES:**
1. ALL CONCRETE SHALL WITHSTAND 2800 LBS PER SQUARE FOOT UNIFORM COMPRESSIVE STRESS AT 28 DAYS.
 2. CONTRACTOR SHALL INFORM CONVEY'S MANUFACTURING & SALES OF ANY DISCREPANCIES, DIMENSIONS, OR ERRORS ON THE PLANS BEFORE BEGINNING CONSTRUCTION. OTHERWISE, IT SHALL BE DONE AS INTENDED BY THE ENGINEER.
 3. THE ENGINEER AND/OR CONVEY'S MANUFACTURING & SALES ASSURES NO RESPONSIBILITY FOR CONSTRUCTION SUPERVISION OR DEVIATION FROM THESE PLANS WITHOUT PRIOR WRITTEN APPROVAL.
 4. ALL CONSTRUCTION SHALL COMPLY WITH THE I.A.C. LATEST EDITION AS AMENDED BY THE LOCAL AGENCY HAVING JURISDICTION.
 5. DO NOT SCALE DIMENSIONS. WRITTEN DIMENSIONS OR DIMENSIONS SHALL TAKE PRECEDENCE OVER SCALED DIMENSIONS ON DRAWINGS.
 6. ANY ENGINEERING DESIGN PROVIDED BY OTHERS MUST BE APPROVED BY THE ENGINEER.
 7. ALL PLUMBING, ELECTRICAL OR MECHANICALS SHALL BE SET OUT SMALL CLEARANCE FROM THE (O) WALLS OR CEILING OF THE DIVISION CONCRETE IN ORDER TO CLEAR THE WALLS.
 8. FOOTINGS SHALL BE CENTERED ON THE CENTERLINE OF THE COLUMN ABOVE UNLESS OTHERWISE NOTED.
 9. ALL FOOTINGS SHALL BEAR AGAINST FIRM NATURAL UNDISTURBED SOIL OR DEFINED COMPACTED FILL. SOIL BEARING PRESSURE EQUAL TO 2000 PSF.
 10. THE MINIMUM REQUIREMENTS AND LOCAL Frost Line REQUIREMENTS MAY SUPERSEDE THE DESIGN CALL OUTS. CONTACT THE LOCAL BUILDING DEPARTMENT FOR MINIMUM DEPTH REQUIREMENTS.
 11. BUILDINGS WITH SNOW LOADS ARE DESIGNED AS HEATED BUILDINGS.

- STEEL NOTES:**
1. ALL CONSTRUCTION TO COMPLY WITH THE LATEST EDITION OF THE AISC AND AISI.
 2. ALL MACHINE BOLTS TO COMPLY WITH A325-N A-307* NUTS SHALL BE BOLT DIAMETER PLUS 1/16" (* UNLESS OTHERWISE NOTED).
 3. ALL HOT ROLLED OR COLD ROLLED SHEETS AND STRIPS USED IN THE FABRICATION OF COLD FORMED STRUCTURAL MEMBERS SHALL HAVE A MINIMUM YIELD STRENGTH OF 55 KSI.
 4. LIGHT GAGE - COLD FORMED STRUCTURAL STEEL MEMBERS SHALL CONFORM TO A31A SPEC A-500 GRADE 70* (Fy=55 KSI), UNLESS OTHERWISE NOTED.
 5. ALL STRUCTURAL STEEL MEMBERS SHALL BE GALVANIZED.
 6. ROUND TUBES SHALL CONFORM TO A313-V SPEC A-500 GRADE C* (Fy=48KSI).
 7. CABLES SHALL BE OF ARCHBOLT TYPE CABLE WITH THE FOLLOWING BREAKING STRENGTHS: 1/2" = 700 LBS, 3/16" = 4,000 LBS, 1/4" = 7,000 LBS.

BUILDING SPECIFICATIONS:

THIS SPECIFICATION HAS BEEN DESIGNED AND DETAILED FOR THE CONSTRUCTION OF A METAL BUILDING SYSTEM. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE SELECTION OF MATERIALS TO THE STRUCTURAL SYSTEM OR REMOVAL OF ANY COMPONENT PARTS OR THE ADDITION OF OTHER CONSTRUCTION MATERIALS OR LOADS MUST BE DONE UNDER THE ADVICE AND SUPERVISION OF THE ENGINEER. THE CONTRACTOR SHALL ASSUME RESPONSIBILITY FOR ANY LOADS NOT INDICATED.

THIS METAL BUILDING IS DESIGNED WITH CONVEY'S MANUFACTURING & SALES DESIGN AND CONSTRUCTION STANDARDS. THE CONTRACTOR SHALL FOLLOW THE DESIGN AND CONSTRUCTION STANDARDS OF THE FOLLOWING ORGANIZATIONS AND CODES AND USE ACCEPTED PRACTICES IN THE LOW RISE METAL AND AGRICULTURAL BUILDING INDUSTRY.

AMERICAN INSTITUTE OF STEEL CONSTRUCTION:
 STEEL CONSTRUCTION MANUAL - 13TH EDITION, 2005 AISC C (IN A.A.) "SERVICEABILITY" STANDARDS WILL BE USED FOR THIS DESIGN.

AMERICAN IRON AND STEEL INSTITUTE:
 2007 EDITION "NORTH AMERICAN SPECIFICATION FOR THE DESIGN OF COLD-FORMED STEEL STRUCTURAL MEMBERS"

INTERNATIONAL CODE BOOKS:
 INTERNATIONAL BUILDING CODE - 2012 EDITION

METAL BUILDING SYSTEMS ASSOCIATION:
 METAL BUILDING SYSTEMS MANUAL - 2005

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INTERNATIONAL CODE BOOKS:
 INTERNATIONAL BUILDING CODE - 2012 EDITION

METAL BUILDING SYSTEMS ASSOCIATION:
 METAL BUILDING SYSTEMS MANUAL - 2005

DATE: 10/21/16
 SCALE: 3/8" = 1"
 DRAWN BY: RCV
 CHECKED BY: RCV
 PROJECT: 25000000

30'-0" (COLD FRAME 1200)

THIS DOCUMENT IS CONFIDENTIAL AND IS THE PROPERTY OF CONVEY'S WIG & SOLER. IT IS TO BE KEPT IN STRICT CONFIDENCE AND NOT TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT THE WRITTEN PERMISSION OF CONVEY'S WIG & SOLER.

CONVEY'S WIG & SOLER
 4000 W. 11TH AVENUE, SUITE 1100
 DENVER, CO 80202
 (303) 733-1100
 WWW.CONVEYSWIGANDSOLER.COM

NGMA
 NATIONAL GALVANNEAL ASSOCIATION



COUNTY OF LAKE
COMMUNITY DEVELOPMENT DEPARTMENT
Planning Division
Courthouse - 255 N. Forbes Street
Lakeport, California 95453
Telephone 707/263-2221 FAX 707/263-2225

Dated: May 14, 2019

**CALIFORNIA ENVIRONMENTAL QUALITY ACT
ENVIRONMENTAL CHECKLIST FORM
INITIAL STUDY IS 18-58**

1. **Project Title:** Sunny S Farms LLC
2. **Permit Number:** Major Use Permit, UP 18-43
Initial Study, IS 18-58
3. **Lead Agency Name and Address:** County of Lake
Community Development Department
Courthouse – 255 North Forbes Street
Lakeport CA 95453
4. **Contact Person:** Eric Porter, Associate Planner (707) 263-2221
5. **Project Location(s):** 19424 Butts Canyon Road, Middletown, CA 95451
APN: 014-004-20
6. **Project Sponsor's Name/Address:** Shannon Sanders
1265 S. Main Street
Lakeport, CA 95453
7. **General Plan Designation:** Rural Lands
8. **Zoning:** "RL – SC"; Rural Lands – Scenic Combining
9. **Supervisor District:** District One (1)
10. **Flood Zone:** None
11. **Slope:** Flat
12. **Fire Hazard Severity Zone:** SRA (CalFire); moderate risk
13. **Earthquake Fault Zone:** None
14. **Dam Failure Inundation Area:** Not located within Dam Failure Inundation Area
15. **Parcel Size:** ±20 Acres

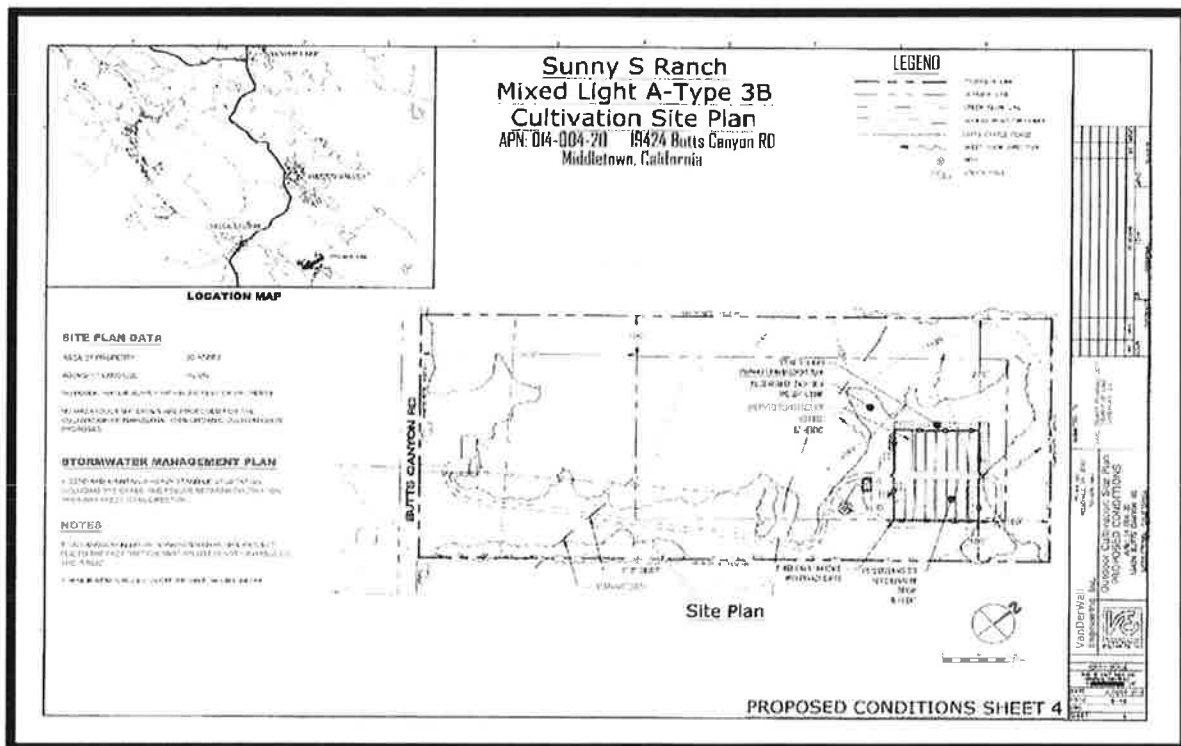
Attachment 6

16. Description of Project: (Describe the whole action involved, including but not limited to later phases of the project, and any secondary, support, or off-site features necessary for its implementation. Attach additional sheets if necessary).

Proposed is an A-Type 3B mixed light cannabis cultivation facility. The proposed cultivation site is located at 19424 Butts Canyon Road, east of Middletown. A-Type 3B mixed light cannabis cultivation is authorized in the Lake County Zoning Ordinance, Article 27, subsection (at) within the RL - Rural Lands Zoning District, subject to approval of a Major Use Permit.

The Sunny S Ranch cannabis cultivation project is considered mixed light cultivation of both mature and immature cannabis plants in greenhouses with light deprivation, using both natural and artificial lighting sources. Pursuant to Article 27, A-Type 3B mixed light cannabis cultivation facilities are permitted in a greenhouse, glasshouse, conservatory, hothouse, or other similar structure using light deprivation and/or artificial lighting the lower rate of 25 watts per square foot between 10,001 and 22,000 ft.² inclusive of total canopy size on one premises.

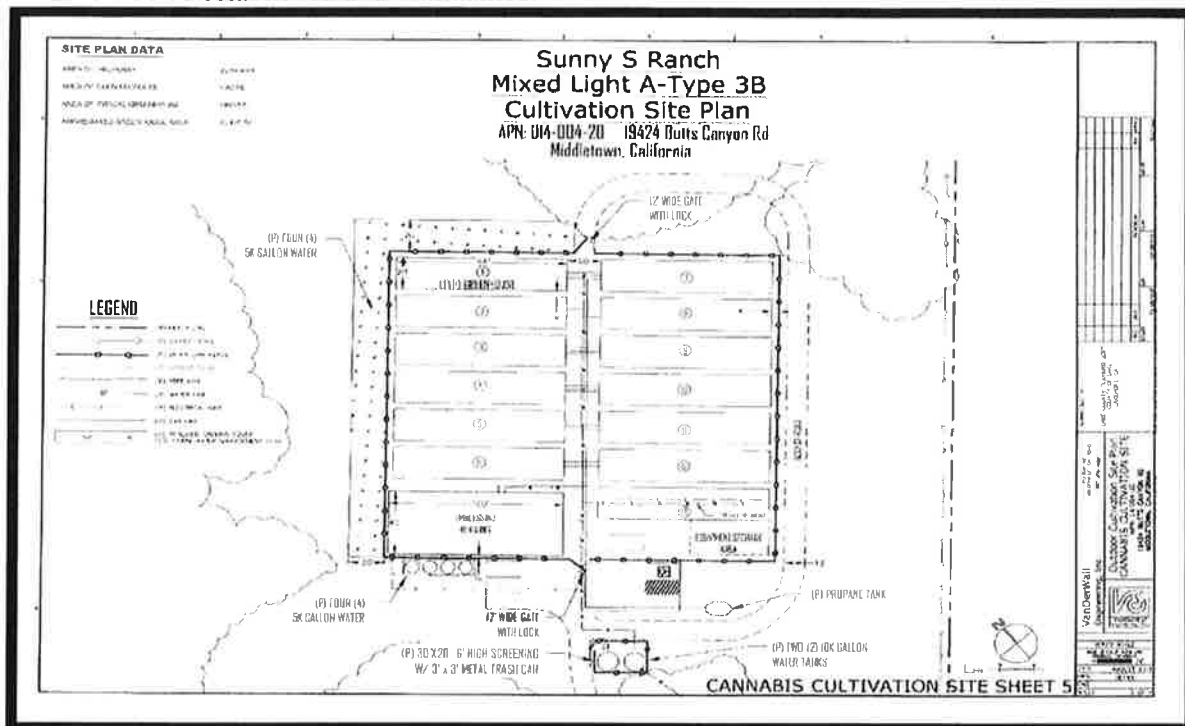
The Sunny S Ranch is an existing 20 acre rectangular shaped parcel with a dimension of 600' x 1452'. The property can be best described as a ranchette. The property is located on the north side of Butts Canyon Road, 3.7 miles east of Highway 29. It has been developed for many years with an existing single-family dwelling (manufactured home), a garage, storage container, fenced and cross fenced pastures, landscaping, and other typical improvements. The property has a history of pasturing horses and related ranching activities. The property is served by PG&E, and is developed with a domestic water well, sanitary septic system, and an asphalt driveway.



Site Plan and Cultivation Area

The Sunny S Ranch (also known as SSR) cannabis cultivation project is a proposed A-Type 3B Mixed-light operation on a 20-acre parcel located at 19424 Butts Canyon Road in Lake County, California (APN 004-004-20). The parcel is on the north side of Butts Canyon Road, approximately 3.75 miles east of Middletown. The land fronts directly on Butts Canyon Road, a paved County maintained roadway. There is a paved driveway approach providing site access to the house, garage, and pasture area.

The SSR cannabis cultivation facilities will be developed and operated within a 1 acre fenced enclosure as depicted on the preceding site plan and on the plan below. The cannabis cultivation facilities will be set back over 1,065' from the Butts Canyon Road frontage and will not be visible from the road or from adjoining properties. Setbacks of 100' from the southern property line, 160' from the back-property line, and 276' from the northern property line will be established and maintained.



Enlargement of Greenhouse Cultivation 'Compound'

The 1 acre fenced enclosure will essentially be a square shaped area with an outside dimension of 224' x 194'. A 6' tall chain-link fence with site obscuring slats will form the cultivation area perimeter enclosure. Access to the cultivation facilities will be provided on a 12' wide rocked driveway following the alignment of an existing driveway extending in from the Butts Canyon Road driveway. This driveway will run north through existing pasture to the existing pumphouse/well and the cannabis facilities parking area. Five parking spaces will provide both regular parking and handicapped accessible parking just outside the cultivation facilities fence and main gate. Employees will park within this area and will require keypad access to the cultivation facilities enclosure through a 12-foot-wide chain-link gate or the 4-foot-wide pedestrian gate. The SSR cannabis cultivation facilities will include:

- A 40 x 100' metal frame drying building with 16-foot-tall gable height.
- Thirteen (13) – 98' x 20' steel cold frame greenhouses.
- A 20-foot-wide center access corridor.
- Ancillary facilities and storage area.

Construction Schedule

The greenhouses will be constructed on site approximately 2 to 3 months after the use permit is obtained. The staging area for the greenhouses will occur approximately 50 feet away from the actual greenhouse building pads. Construction is anticipated to last between 30 and 60 days. Dust from the site preparation will be mitigated by on-site water trucks. The driveway serving the greenhouse compound will be graveled to help in mitigating dust resulting from construction traffic activity and post-construction activity.

Equipment anticipated to be used include a D-9 tractor, a skid-steer loader, several trucks to import the greenhouses, small hand-held equipment used to assemble the greenhouses, and water trucks for dust suppression.

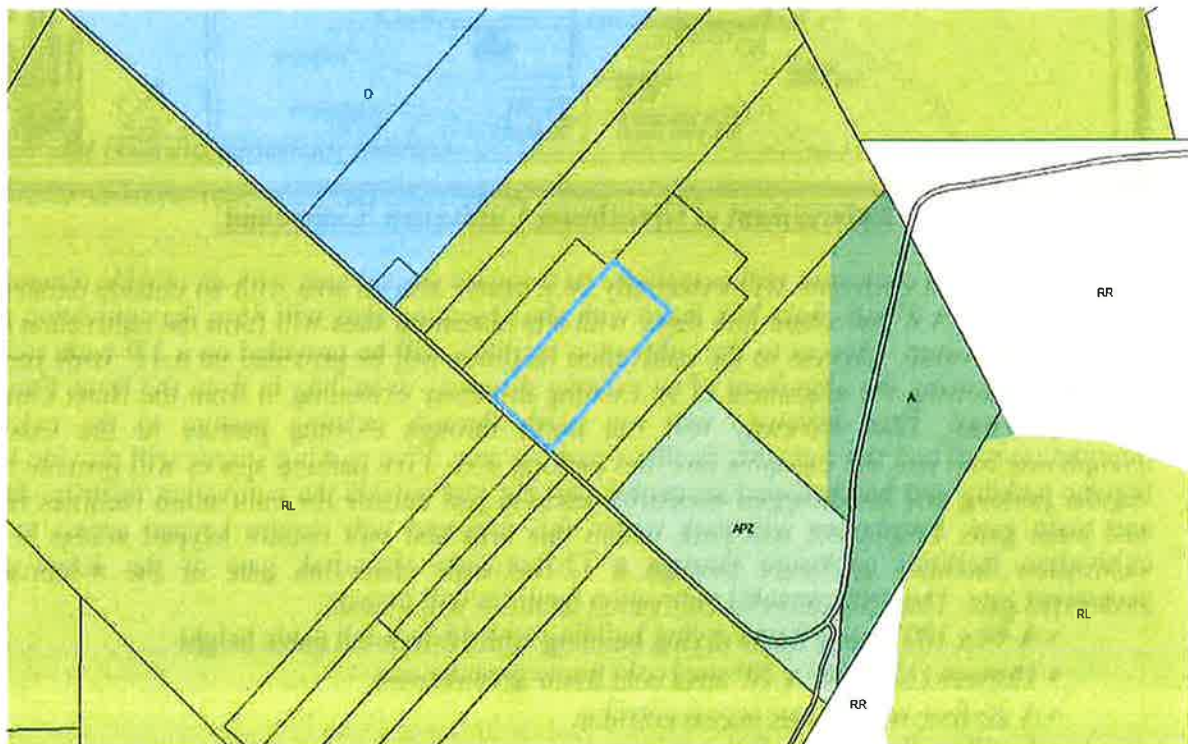
17. Surrounding Land Uses and Setting: Briefly describe the project's surroundings:

North: "RL" Rural Lands-zoned properties, several of which have hobby farms (small scale agricultural uses) on them. There is a dwelling located on the northern neighboring lot approximately 680 feet away from the proposed cultivation area.

East: "RL" Rural Lands-zoned lots containing agricultural uses. There are two small reservoirs on lots immediately east of the proposed cannabis cultivation property.

South: "RL" Rural Lands-zoned lots; about half of the southern neighboring lots contain dwellings.

West: "RL" Rural Lands-zoned lots; about half of the western neighboring lots contain dwellings



Zoning of Subject Site and Vicinity

Other public agencies whose approval may be required (e.g., Permits, financing approval, or participation agreement). CalCannabis, a division of the California Department of Food and Agriculture, is the State Agency responsible for regulating commercial cannabis cultivation in California:

Lake County Community Development Department
Lake County Department of Environmental Health
Lake County Air Quality Management District
Lake County Department of Public Works
Lake County Department of Public Services
Lake County Agricultural Commissioner
Lake County Sheriff Department
South Lake County Fire Protection District (CalFire)
Central Valley Water Resource Control
California Department of Forestry & Fire Protection (CalFire)
California Department of Food and Agriculture (CalCannabis)
California Department of Pesticides Regulations
California Department of Public Health
California Department of Consumers Affairs



19424 Butts Canyon Road and Vicinity

The environmental factors checked below would be potentially affected by this project, involving at least one impact that is a "Potentially Significant Impact" as indicated by the checklist on the following pages.

- | | | |
|---|--|---|
| <input checked="" type="checkbox"/> <u>Aesthetics</u> | <input type="checkbox"/> <u>Greenhouse Gas Emissions</u> | <input type="checkbox"/> <u>Population / Housing</u> |
| <input type="checkbox"/> <u>Agriculture & Forestry</u> | <input checked="" type="checkbox"/> <u>Hazards & Hazardous Materials</u> | <input type="checkbox"/> <u>Public Services</u> |
| <input checked="" type="checkbox"/> <u>Air Quality</u> | <input type="checkbox"/> <u>Hydrology / Water Quality</u> | <input type="checkbox"/> <u>Recreation</u> |
| <input type="checkbox"/> <u>Biological Resources</u> | <input type="checkbox"/> <u>Land Use / Planning</u> | <input type="checkbox"/> <u>Transportation</u> |
| <input checked="" type="checkbox"/> <u>Cultural Resources</u> | <input type="checkbox"/> <u>Mineral Resources</u> | <input checked="" type="checkbox"/> <u>Tribal Cultural Resources</u> |
| <input type="checkbox"/> <u>Geology / Soils</u> | <input checked="" type="checkbox"/> <u>Noise</u> | <input type="checkbox"/> <u>Utilities / Service Systems</u> |
| <input type="checkbox"/> <u>Wildfire</u> | <input type="checkbox"/> <u>Energy</u> | <input checked="" type="checkbox"/> <u>Mandatory Findings of Significance</u> |

DETERMINATION: (To be completed by the lead Agency)

On the basis of this initial evaluation:

- I find that the proposed project COULD NOT have a significant effect on the environment, and a NEGATIVE DECLARATION will be prepared.
- I find that although the proposed project could have a significant effect on the environment, there will not be a significant effect in this case because revisions in the project have been made by or agreed to by the project proponent. A MITIGATED NEGATIVE DECLARATION will be prepared.
- I find that the proposed project MAY have a significant effect on the environment, and an ENVIRONMENTAL IMPACT REPORT is required.
- I find that the proposed project MAY have a “potentially significant impact” or “potentially significant unless mitigated” impact on the environment, but at least one effect 1) has been adequately analyzed in an earlier document pursuant to applicable legal standards, and 2) has been addressed by mitigation measures based on the earlier analysis as described on attached sheets. An ENVIRONMENTAL IMPACT REPORT is required, but it must analyze only the effects that remain to be addressed.
- I find that although the proposed project could have a significant effect on the environment, because all potentially significant effects (a) have been analyzed adequately in an earlier EIR or NEGATIVE DECLARATION pursuant to applicable standards and (b) have been avoided or mitigated pursuant to that earlier EIR or NEGATIVE DECLARATION, including revisions or mitigation measures that are imposed upon the proposed project, nothing further is required.

Initial Study Prepared By:
Eric Porter, Associate Planner

Eric Porter
SIGNATURE

Date: 5-17-19

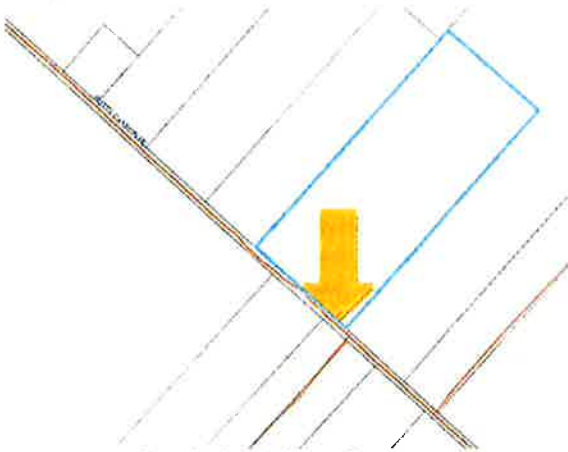
Michalyn DelValle - Director
Community Development Department

SECTION 1

EVALUATION OF ENVIRONMENTAL IMPACTS:

- 1) A brief explanation is required for all answers except "No Impact" answers that are adequately supported by the information sources a lead agency cites in the parentheses following each question. A "No Impact" answer is adequately supported if the referenced information sources show that the impact simply does not apply to projects like the one involved (e.g., the project falls outside a fault rupture zone). A "No Impact" answer should be explained where it is based on project-specific factors as well as general standards (e.g., the project will not expose sensitive receptors to pollutants, based on a project-specific screening analysis).
- 2) All answers must take account of the whole action involved, including off-site as well as on-site, cumulative as well as project-level, indirect as well as direct, and construction as well as operational impacts.
- 3) Once the lead agency has determined that a particular physical impact may occur, and then the checklist answers must indicate whether the impact is potentially significant, less than significant with mitigation, or less than significant. "Potentially Significant Impact" is appropriate if there is substantial evidence that an effect may be significant. If there are one or more "Potentially Significant Impact" entries when the determination is made, an EIR is required.
- 4) "Negative Declaration: Less Than Significant With Mitigation Incorporated" applies where the incorporation of mitigation measures has reduced an effect from "Potentially Significant Impact" to a "Less Than Significant Impact." The lead agency must describe the mitigation measures, and briefly explain how they reduce the effect to a less than significant level (mitigation measures from Section XVII, "Earlier Analyses," may be cross-referenced).
- 5) Earlier analyses may be used where, pursuant to the tiering, program EIR, or other CEQA process, an effect has been adequately analyzed in an earlier EIR or negative declaration. Section 15063(c)(3)(D). In this case, a brief discussion should identify the following:
 - a) Earlier Analysis Used. Identify and state where they are available for review.
 - b) Impacts Adequately Addressed. Identify which effects from the above checklist were within the scope of and adequately analyzed in an earlier document pursuant to applicable legal standards, and state whether such effects were addressed by mitigation measures based on the earlier analysis.
 - c) Mitigation Measures. For effects that are "Less than Significant with Mitigation Measures Incorporated," describe the mitigation measures, which were incorporated or refined from the earlier document and the extent to which they address site-specific conditions for the project.
- 6) Lead agencies are encouraged to incorporate into the checklist references to information sources for potential impacts (e.g., general plans, zoning ordinances). Reference to a previously prepared or outside document should, where appropriate, include a reference to the page or pages where the statement is substantiated.
- 7) Supporting Information Sources: A source list should be attached, and other sources used or individuals contacted should be cited in the discussion.
- 8) This is only a suggested form, and lead agencies are free to use different formats; however, lead agencies should normally address the questions from this checklist that are relevant to a project's environmental effects in whatever format is selected.
- 9) The explanation of each issue should identify:
 - a) the significance criteria or threshold, if any, used to evaluate each question; and
 - b) the mitigation measure identified, if any, to reduce the impact to less than significance

KEY: 1 = Potentially Significant Impact
2 = Less Than Significant with Mitigation Incorporation
3 = Less Than Significant Impact
4 = No Impact

IMPACT CATEGORIES*	1	2	3	4	All determinations need explanation. Reference to documentation, sources, notes and correspondence.	Source Number**
I. AESTHETICS <i>Would the project:</i>						
a) Have a substantial adverse effect on a scenic vista?		X			<p>The project site is located off Butts Canyon Road, a scenic County road at this location (see graphic, next page). The scenic overlay district overlaps 500 feet of the subject site. The proposed greenhouse 'compound' however is shown to be located about 1100 feet from the edge of the Butts Canyon Road right of way. The site has some vegetation in between the road and the cultivation area, however additional screening of the greenhouses is needed. Likewise, the southeastern portion of the cultivation area also needs to be screened through the use of trees planted along the perimeter of the cultivation enclosure</p> <p>Mitigation measure AES-1: The applicant shall screen the outer perimeter of the cultivation area by planting trees at 25' on center as average separation. Trees shall be a minimum of 5' tall at time of planting; the choice of trees used is up to the applicant, however these trees shall be planted prior to cultivation commencing and shall have canopies that will be broad enough to provide meaningful screening at maturity. All screening trees shall be irrigated.</p>  <p style="text-align: center;">Scenic Combining Overlay</p>	1, 2, 3, 4, 6, 9
b) Substantially damage scenic resources, including, but not limited to, trees, rock outcroppings, and historic buildings within a state scenic highway?		X			See Section I(a) above. Less than Significant with mitigation measure AES-1 added.	1, 2, 3, 4, 6, 9
c) Substantially degrade the existing visual character or quality of public views the site and its surroundings? If the project is in an urbanized area, would the project conflict with applicable zoning and other regulations governing scenic quality?		X			See Section I(a) above. Less than Significant with mitigation measure AES-1 added.	1, 2, 3, 4, 6, 9

IMPACT CATEGORIES*	1	2	3	4	All determinations need explanation. Reference to documentation, sources, notes and correspondence.	Source Number**
d) Create a new source of substantial light or glare which would adversely affect day or nighttime views in the area?		X			<p>The project has some potential to create additional light and/or glare. Non-glare material shall be required to be used on the new greenhouse structures, and blackout film will be required to mitigate any light-related impacts to surrounding properties. Prior to permit approval, the applicant will need to submit a lighting plan showing the placement of interior and exterior lighting. The applicant must adhere to the Lake County dark skies policy regarding outdoor and indoor lighting.</p> <p>Mitigation Measure AES-2 - All greenhouses incorporating artificial lighting shall be equipped with blackout film/material to be used at night for maximum light blockage to lessen the impact on the surrounding parcels and the recommendations within darksky.org. Applicant shall submit a <u>Blackout Film/Materials and Lighting Plan</u> to the Community Development Department for review and approval prior to issuance of any permits.</p>	1, 2, 3, 4, 5, 6, 9
<p>II. AGRICULTURE AND FORESTRY RESOURCES</p> <p><i>In determining whether impacts to agricultural resources are significant environmental effects, lead agencies may refer to the California Agricultural Land Evaluation and Site Assessment Model (1997) prepared by the California Dept. of Conservation as an optional model to use in assessing impacts on agriculture and farmland. In determining whether impacts to forest resources, including timberland, are significant environmental effects, lead agencies may refer to information compiled by the California Department of Forestry and Fire Protection regarding the state's inventory of forest land, including the Forest and Range Assessment Project and the Forest Legacy Assessment Project; and forest carbon measurement methodology provided in Forest protocols adopted by the California Air Resources Board.</i></p> <p><i>Would the project:</i></p>						
a) Convert Prime Farmland, Unique Farmland, or Farmland of Statewide Importance (Farmland), as shown on the maps prepared pursuant to the Farmland Mapping and Monitoring Program of the California Resources Agency, to non-agricultural use?			X		<p>The northern portion of the site contains soil mapped as farmland of <i>local</i> importance, however the affected portion of the site has soil mapped as 'grazing land', which is not regarded as significant farming soil, either at the state or local level.</p> <p>Less than Significant Impact.</p>	1, 2, 3, 4, 5, 7, 8, 11, 13
b) Conflict with existing zoning for agricultural use, or a Williamson Act contract?			X		<p>The immediate vicinity contains properties that are actively growing other more traditional crops. It does not appear that the proposed cultivation activity will conflict with neighboring properties in a manner that is more significant than if the applicant were to raise traditional crops.</p> <p>Less than Significant Impact.</p>	1, 2, 3, 4, 5, 7, 8, 11, 13
c) Conflict with existing zoning for, or cause rezoning of, forest land (as defined in Public Resources Code section 12220(g)), timberland (as defined by Public Resources Code section 4526), or timberland zoned Timberland Production (as defined by Government Code section 51104(g))?			X		<p>As proposed, the project will not conflict with existing zoning for, and/or cause rezoning of forest lands and/or timberlands or timberlands in production.</p> <p>Less than Significant Impact.</p>	1, 2, 3, 4, 5, 7, 8, 11, 13
d) Result in the loss of forest land or conversion of forest land to non-forest use?				X	<p>See response to Section II (c). The project would not result in the loss or conversion of forest land to a non-forest use.</p> <p>No Impact.</p>	1, 2, 3, 4, 5, 7, 8, 11, 13

IMPACT CATEGORIES*	1	2	3	4	All determinations need explanation. Reference to documentation, sources, notes and correspondence.	Source Number**
e) Involve other changes in the existing environment which, due to their location or nature, could result in conversion of Farmland, to non-agricultural use or conversion of forest land to non-forest use?			X		See Section II (a) and (c) above. As proposed, this project would not induce changes to existing farmland that would result in its conversion to non-agricultural use. Less than Significant Impact.	1, 2, 3, 4, 5, 7, 8, 11, 13
III. AIR QUALITY <i>Where available, the significance criteria established by the applicable air quality management or air pollution control district may be relied upon to make the following determinations.</i> <i>Would the project:</i>						
a) Conflict with or obstruct implementation of the applicable air quality plan?		X			<p>The project has some potential to result in some air quality impacts such as construction-borne particulates / dust, pollen, construction equipment exhaust and odor. The applicant is proposing the use of greenhouses, which have more ability to control odor than the outdoor cultivation of cannabis. The applicant states within his Property Management Plan that carbon filters / air scrubbers will be used in each greenhouse. Dust during site preparation can be mitigated by wetting the soil with a mobile water tank and hose.</p> <p>Construction of the project would begin following approval of the major use permits, and would last between 4 months to 8 months. There would be minimal soil disturbance, given that the greenhouse compound site is flat.</p> <p>Less Than Significant with Mitigation Measures added:</p> <p><u>AQ-1:</u> Prior to obtaining the necessary permits and/or approvals for any phase, applicant shall contact the Lake County Air Quality Management District and obtain an Authority to Construct (A/C) Permit for all operations and for any diesel powered equipment and/or other equipment with potential for air emissions. This includes an <u>Odor Control Plan</u> that must be submitted to and approved by the Lake County Air Quality Department.</p> <p><u>AQ-2:</u> All Mobile diesel equipment used for construction and/or maintenance must be compliance with State registration requirements. Portable and stationary diesel powered equipment must meet the requirements of the State Air toxic Control Measures for CI engines as well as Lake County Noise Emission Standards.</p> <p><u>AQ-3:</u> Construction and/or work practices that involve masonry, gravel, grading activities, vehicular and fugitive dust shall be management by use of water or other acceptable dust palliatives to maintain two inches of visibly-moist soil in the project area and to ensure that dust does not leave the property.</p> <p><u>AQ-4:</u> The Cultivation of Commercial Cannabis is subject to AB 2588 Air Emission Inventory requirements administrated by the Lake County Air Quality Management District. Therefore, the applicant shall maintain records of all hazardous or toxic materials used, including a Material Safety Data Sheet (MSDS) for all volatile organic compounds utilized, including cleaning materials. Said information shall be made available upon request and/or the ability to provide the Lake County Air Quality Management District such information in order to complete an updated Air Toxic emission Inventory.</p>	1, 3, 4, 5, 10, 21, 24, 31, 36

IMPACT CATEGORIES*	1	2	3	4	All determinations need explanation. Reference to documentation, sources, notes and correspondence.	Source Number**
					<p>AQ-5: All vegetation during site development shall be chipped and spread for ground cover and/or erosion control. The burning of vegetation, construction debris, including waste material is prohibited.</p> <p>AQ-6: The applicant shall have the primary access and parking areas surfaced with chip seal, asphalt or an equivalent all weather surfacing to reduce fugitive dust generation. The use of white rock as a road base or surface material for travel routes and/or parking areas is prohibited.</p> <p>AQ-7: All areas subject to semi-truck/trailer traffic shall be paved with asphaltic concrete or an all-weather surfacing to reduce fugitive dust generation.</p> <p>AQ-8: All areas subject to low use (driveways, over flow parking, etc.) shall be surfaced with gravel. Applicant shall regularly use and/or maintain graveled area to reduce fugitive dust generations.</p>	
b) Violate any air quality standard or result in a cumulatively considerable net increase in an existing or projected air quality violation?			X		<p>The cultivation activity will take place entirely within greenhouses. The greenhouses will use carbon air filters to mitigate odor and any potential pollutants. Based on the filtration systems proposed, this project will not violate any air quality standard.</p> <p>Less Than Significant Impact</p>	1, 3, 4, 5, 10, 21, 24, 31, 36
c) Expose sensitive receptors to substantial pollutant concentrations?			X		<p>See response to III.a and b.</p> <p>Less than Significant Impact</p>	1, 3, 4, 5, 10, 21, 24, 31, 36
d) Result in substantial emissions (such as odors or dust) adversely affecting a substantial number of people?		X			<p>Sensitive receptors in the area include adjacent and near proximity residents. The nearest off-premises house is about 680 feet away from the cultivation area. As described in Section III.a above, with implementation of mitigation measures AQ-1 through AQ-8 impacts which will reduce impacts related to odor and dust to less than significant.</p>	1, 2, 3, 4, 5, 10, 21, 24, 31, 36
IV. BIOLOGICAL RESOURCES <i>Would the project:</i>						
a) Have a substantial adverse effect, either directly or through habitat modifications, on any species identified as a candidate, sensitive, or special status species in local or regional plans, policies, or regulations, or by the California Department of Fish and Game or U.S. Fish and Wildlife Service?			X		<p>There are no mapped sensitive species located on or near this site according to the County's CNDDDB (GIS) mapping data base.</p> <p><i>Further, a Biological Resources Report</i> was prepared for this applicant by the Huffman – Broadway Group (report dated March 25, 2019). The assessment concluded that there were no impacts to any threatened or endangered species, and did not provide any recommendations for mitigation measures for this proposal.</p> <p>Less Than Significant Impact</p>	1, 2, 3, 4, 5, 11, 12, 13, 16, 17, 21, 24, 29, 30, 31, 32, 33, 34
b) Have a substantial adverse effect on any riparian habitat or other sensitive natural community identified in local or regional plans, policies, and regulations or by the California Department of Fish and Game or U.S. Fish and Wildlife Service?			X		<p>Please see response to IV.a.. Less than Significant Impact</p>	1, 2, 3, 4, 5, 11, 12, 13, 16, 17, 29, 30, 31, 32, 33, 34

IMPACT CATEGORIES*	1	2	3	4	All determinations need explanation. Reference to documentation, sources, notes and correspondence.	Source Number**
c) Have a substantial adverse effect on state or federally protected wetlands (including, but not limited to, marsh, vernal pool, coastal, etc.) through direct removal, filling, hydrological interruption, or other means?				X	There are no federally protected wetlands on the subject site. No Impact.	1, 2, 3, 4, 5, 11, 12, 13, 16, 17, 21, 24, 29, 30, 31, 32, 33, 34
d) Interfere substantially with the movement of any native resident or migratory fish or wildlife species or with established native resident or migratory wildlife corridors, or impede the use of native wildlife nursery sites?			X		There are no native resident wildlife that are mapped for this property, and there are no mapped native resident fauna or migratory fish on the site. There are no mapped sensitive species located within 0.9 miles of the subject site. Less than Significant Impact.	1, 2, 3, 4, 5, 11, 12, 13, 16, 17, 21, 24, 29, 30, 31, 32, 33, 34
e) Conflict with any local policies or ordinances protecting biological resources, such as a tree preservation policy or ordinance?			X		According to Section 21083.4 of the California Public Resources Code, if a county determines that there may be a significant effect to oak woodlands, mitigation measures must be put in place in order to alleviate the impact created through the conversion of oak woodlands. There are no mapped conservation easements on this site that might otherwise require a 5:1 Oak Tree replacement ratio or extra protection. Further, the applicant has indicated that no oak trees would be removed by this proposal. Less than Significant Impact.	1, 2, 3, 4, 5, 11, 12, 13, 16, 17, 21, 24, 29, 30, 31, 32, 33, 34
f) Conflict with the provisions of an adopted Habitat Conservation Plan, Natural Community Conservation Plan, or other approved local, regional, or state habitat conservation plan?				X	No special conservation plans have been adopted for this site and no impacts are expected. No Impact.	1, 2, 3, 4, 5, 11, 12, 13, 16, 17, 21, 24, 29, 30, 31, 32, 33, 34
V. CULTURAL RESOURCES <i>Would the project:</i>						
a) Cause a substantial adverse change in the significance of a historical resource pursuant to §15064.5?		X			<p>An Archeological Research Study was conducted for this site by Jay Flaherty, dated 3-25-19. Mr. Flaherty concluded that it was possible that there were undiscovered artifacts on the site, however none were discovered during the archeological study for the site.</p> <p>Mr. Flaherty notified all potential overseeing Tribes; the letters sent to each tribe are in the Archeological Report provided by Mr. Flaherty. Likewise, the Tribes were notified of this land use action. One Tribe, the Middletown Rancheria Band of Pomo Indians, had requested a consultation via letter dated April 8, 2019. However, on April 25, 2019, following a discussion with Planning staff, the Tribe (Larry Longee) rescinded their request for a consultation.</p> <p>In keeping with CEQA Guidelines, if archaeological resources are uncovered during construction, work at the place of discovery should be halted immediately until a qualified archaeologist can evaluate the finds [§15064.5(f)]. Further, upon discovery of any 'significant' artifacts, the overseeing Tribe shall be contacted, and if the Tribe determines that it is relevant to their cultural heritage, they shall choose the method of involvement in overseeing the construction of the site for the duration of ground disturbance.</p> <p>Mitigation Measure: CUL-1: Should any archaeological, paleontological, or cultural materials be discovered during site development, all activity shall be halted in the vicinity of the find(s), the</p>	1, 3, 4, 5, 11, 14, 15

IMPACT CATEGORIES*	1	2	3	4	All determinations need explanation. Reference to documentation, sources, notes and correspondence.	Source Number**
					<p>Middletown Rancheria Tribe shall be notified, and a qualified archaeologist retained to evaluate the find(s) and recommend mitigation procedures, if necessary, subject to the approval of the Community Development Director. Should any human remains be encountered, they shall be treated in accordance with Public Resources Code Section 5097.98 and with California Health and Safety Code section 7050.5.</p> <p>CUL-2: All employees shall be trained in recognizing potentially significant artifacts that may be discovered during ground disturbance. If any artifacts or remains are found, the Middletown Rancheria Tribe shall immediately be notified; a licensed archaeologist shall be notified, and the Lake County Community Development Director shall be notified of such finds.</p> <p>Potential impacts can be mitigated to 'Less than Significant' with CUL-1 and CUL-2.</p>	
b) Cause a substantial adverse change in the significance of an archeological resource pursuant to §15064.5?		X			See Response to Section V (a). Can be mitigated to 'Less than Significant' with CUL-1 and CUL-2.	1, 3, 4, 5, 11, 14, 15
c) Disturb any human remains, including those interred outside of formal cemeteries?		X			See Response to Section V (a). Can be mitigated to 'Less than Significant' with CUL-1 and CUL-2.	1, 3, 4, 5, 11, 14, 15
VI. ENERGY <i>Would the project:</i>						
a) Result in a potentially significant environmental impact due to wasteful, inefficient, or unnecessary consumption of energy, or wasteful use of energy resources, during project construction or operation?			X		<p>The applicant states that he will use on-grid power as the primary energy source. The Property Management Plan states: The Project Property is serviced by Pacific Gas and Electric's electrical grid, which will serve as the primary source of energy for the proposed cultivation operation. Electricity will be used to power equipment used in the proposed cultivation area (such as lights, fans, and security cameras), and the proposed Processing Facility (such as lights, security system, climate control system, and dehumidifiers).</p> <p>The applicant's proposed cultivation operation is considered to be Mixed-Light Tier 1 (less than 6 watts per sq. ft.) and is not subject to the 42-percent renewable energy source requirement found in Article 27 of the Lake County Zoning Ordinance, which applies to indoor only cultivation operations. The Energy Management section of the applicant's Property Management Plan provides specific energy usage details.</p> <p>Mixed-Light Tier 1 cultivation operations (those that use less than 6 watts per sq. ft. of supplemental light) use supplemental light to extend the photo period, preventing cannabis plants from going into flower before they want them to. This low level of supplemental light does not drive plant/vegetative growth. The proposed lights of the applicant's proposed cultivation operation will provide less than one watt (0.72 watts) per sq. ft. of supplemental light. The applicant states that he will adhere to the Energy Conservation Measures/Practices outlined in the Energy Management section of the Property Management Plan to conserve energy/electrical resources. The applicant states that he will be consulting with PG&E to make sure that the proposed operation has an adequate supply of power that</p>	1, 3, 4, 5, 11, 14, 15

IMPACT CATEGORIES*	1	2	3	4	All determinations need explanation. Reference to documentation, sources, notes and correspondence.	Source Number**
					does not affect/strain the local grid. Less than Significant Impact	
b) Conflict with or obstruct a state or local plan for renewable energy or energy efficiency?			X		There are no mandatory energy reductions for 'mixed light' cultivation activities within Article 27 of the Lake County Zoning Ordinance. Less than Significant Impact.	1, 3, 4, 5, 11, 14, 15
VII. GEOLOGY AND SOILS <i>Would the project:</i>						
a) Directly or indirectly cause potential substantial adverse effects, including the risk of loss, injury, or death involving: i) Rupture of a known earthquake fault, as delineated on the most recent Alquist- Priolo Earthquake Fault Zoning Map issued by the State Geologist for the area or based on other substantial evidence of a known fault? Refer to Division of Mines and Geology Special Publication 42. ii) Strong seismic ground shaking? iii) Seismic-related ground failure, including liquefaction? iv) Landslides?			X		<p><u>Earthquake Faults</u> There are no mapped earthquake faults on or adjacent to the subject site.</p> <p><u>Seismic Ground Shaking and Seismic-Related Ground Failure, including liquefaction.</u> The mapping of the site's soil indicates that the soil is stable and not prone to liquefaction.</p> <p><u>Landslides</u> According to the Landslide Hazard Identification Map prepared by the California Department of Conservation, Division of Mines and Geology, the project parcel soil is considered "stable" and not located within and/or adjacent to an existing known "landslide area".</p> <p>The eastern portion of this site is steep; most of it is over 30% slope, however there is several hundred feet of separation between the cultivation site, and the steep portion of the lot – this will act as a buffer between the flat portion of the site and the steeper hill that has some potential for shifting due exclusively to the slope.</p> <p>Less than Significant Impact.</p>	1, 3, 4, 5, 6, 7, 10, 17, 18, 19, 21, 24, 25
b) Result in substantial soil erosion or the loss of topsoil?			X		<p>Minimal grading activities associated with project will be needed to place the greenhouses on the cultivation site, although the site at this location is flat and will require only minimal site preparation.</p> <p>The predominant soil type for the cultivation area is 'Type 233', which is categorized by the National Resource Conservation Service (NRCS) as follows:</p> <p>233-Still loam, stratified substratum. This very deep well drained soil is on alluvial plains. Slope is 0 to 2 percent. The vegetation in areas not cultivated is mainly annual grasses and forbs with scattered oaks. Elevation is 1,000 to 2,000 feet.</p> <p>Surface runoff is very slow, and the hazard of erosion is slight. Some areas adjacent to stream channels are subject to rare periods of flooding. Many areas of this soil are protected from flooding by dikes and levees.</p> <p>This unit is used mainly for orchards, vineyards, and hay and pasture. The main crops grown on this unit are walnuts, pears, and wine grapes. Irrigation commonly is used for maximum production of these crops.</p> <p>Less Than Significant Impact.</p>	1, 3, 4, 5, 6, 7, 10, 16, 17, 18, 19, 21, 24, 25, 30

IMPACT CATEGORIES*	1	2	3	4	All determinations need explanation. Reference to documentation, sources, notes and correspondence.	Source Number**
c) Be located on a geologic unit or soil that is unstable, or that would become unstable as a result of the project, and potentially result in on-site or off-site landslide, lateral spreading, subsidence, liquefaction or collapse?			X		According to the soil survey of Lake County, prepared by the U.S.D.A., the soil at the site is considered "stable" and there is little potential for landslide, subsidence, debris flows, liquefaction or collapse. A portion of the site is located in the AO flood plain, and special design consideration will need to be given to the foundations / methods of anchoring the greenhouse buildings to the ground. See Response to Section VI (a). Less Than Significant	1, 3, 4, 5, 6, 7, 10, 16, 17, 18, 19, 21, 24, 25, 30
d) Be located on expansive soil, as defined in Table 18-1-B of the Uniform Building Code (1994), creating substantial direct or indirect risks to life or property?			X		There is no significant risk to life or property based on the type of development proposed. See Response to Section VI (a). Less Than Significant	1, 3, 4, 5, 6, 7, 10, 16, 17, 18, 19, 21, 24, 25, 30
e) Have soils incapable of adequately supporting the use of septic tanks or alternative wastewater disposal systems where sewers are not available for the disposal of waste water?			X		The project site will be served through an existing on-site septic system. See Response to Section VI (a). Less Than Significant	1, 3, 4, 5, 6, 7, 10, 16, 17, 18, 19, 21, 24, 25, 29, 30
f) Directly or indirectly destroy a unique paleontological resource or site or unique geologic feature?			X		There are no unique paleontological or geologic features on the site. Less than Significant Impact	1, 3, 4, 5, 11, 14, 15
VIII. GREENHOUSE GAS EMISSIONS <i>Would the project:</i>						
a) Generate greenhouse gas emissions, either directly or indirectly, that may have a significant impact on the environment?			X		In general, greenhouse gas emissions from construction activities include the use of construction equipment, trenching, landscaping, haul trucks, delivery vehicles, and stationary equipment (such as generators, if any are used). Greenhouse gas emissions resulting from temporary construction would be negligible and would not result in a significant impact to the environment. Further, the cannabis crop will be indoors (inside greenhouses) that will have carbon air filtration systems, and which should not generate measurable greenhouse gases. Further, the use of generators is prohibited except during emergency situations such as power outages. Less than Significant.	1, 3, 4, 5, 21, 24, 29, 30, 31, 32, 34, 36
b) Conflict with an applicable plan, policy or regulation adopted for the purpose of reducing the emissions of greenhouse gases?				X	This project will not conflict with any adopted plans or policies for the reduction of greenhouse gas emissions. No Impact	1, 3, 4, 5, 21, 24, 29, 30, 31, 32, 34, 36
IX. HAZARDS AND HAZARDOUS MATERIALS <i>Would the project:</i>						
a) Create a significant hazard to the public or the environment through the routine transport, use, or disposal of hazardous materials?		X			One function of the <i>Property Management Plan – Hazardous Waste Management Plan</i> is to identify and evaluate hazards associate with cannabis cultivation at the subject site. This includes analysis of cultivation, processing, storing and packaging as well as all other activities associated with the production of cannabis. The goal of the plan is to determine whether there are existing hazards which require preventative control. Hazards include biological, chemical or physical. The plan also indicates All employees are required to follow the procedures outlined in this plan. Any deviations from this plan must be immediately brought to the attention of Director of Cultivation. Materials associated with the proposed cultivation of commercial cannabis, such as gasoline, diesel, carbon	1, 3, 4, 5, 10, 13, 17, 21, 24, 25, 29, 30, 31, 32, 33, 34, 36

IMPACT CATEGORIES*	1	2	3	4	All determinations need explanation. Reference to documentation, sources, notes and correspondence.	Source Number**
					<p>monoxide, pesticides, fertilizers and the equipment emissions may be considered hazardous if released into the environment.</p> <p>Routine construction materials and all materials associated with the proposed cultivation of commercial cannabis shall be transported and disposed of properly in accordance with all applicable Federal, State and local regulations.</p> <p>According to the <i>Property Management Plan</i>, all pesticides and fertilizers would be stored in their original package in a secured storage shed, and would only be used in strict accordance with the product label requirements including, but not limited to directions pertaining to application, storage and disposal of the fertilizer product. No fertilizers or pesticides will be used within 100 feet of any spring, stream, lake, vernal pool or wetland.</p> <p>All equipment shall be maintained and operated in a manner that minimizes any spill or leak of hazardous materials. Hazardous materials and contaminated soil shall be stored, transported, and disposed of consistent with applicable local, state and federal regulations.</p> <p>Mitigation Measure HHM-1: Storage of potentially hazardous materials shall be in its original package, and shall be clearly labeled to display the volume and type of material stored. These packages will be kept inside a secured storm-proof shed or building, a locked storage area that will only be accessible to authorized staff. Storage areas containing hazardous waste will be inspected weekly by staff/employees to ensure accurate record keeping and safe storage conditions.</p>	
b) Create a significant hazard to the public or the environment through reasonable foreseeable upset and accident conditions involving the release of hazardous materials into the environment?		X			See Response to Section IX (a). Less than Significant Impact with mitigation measure HHM-1.	1, 3, 4, 5, 10, 13, 17, 20, 21, 24, 25, 29, 30, 31, 32, 33, 34, 36
c) Emit hazardous emissions or handle hazardous or acutely hazardous materials, substances, or waste within one-quarter mile of an existing or proposed school?				X	The proposed project is not located within one-quarter mile of an existing or proposed school. No Impact	1, 3, 4, 5, 10, 13, 17, 21, 24, 25, 29, 30, 31, 32, 33, 34, 36
d) Be located on a site which is included on a list of hazardous materials sites compiled pursuant to Government Code Section 65962.5 and, as a result, would it create a significant hazard to the public or the environment?			X		The project site is not listed as a site containing hazardous materials in the databases maintained by the Environmental Protection Agency (EPA). Less Than Significant Impact.	1, 3, 4, 5, 10, 13, 17, 21, 24, 25, 29, 30, 31, 32, 33, 34, 36
e) For a project located within an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project result in a safety hazard or excessive noise for people residing or working in the project area?				X	The project is not located within two (2) miles of an airport and/or within an Airport Land Use Plan. No Impact	1, 3, 4, 5, 20, 22

IMPACT CATEGORIES*	1	2	3	4	All determinations need explanation. Reference to documentation, sources, notes and correspondence.	Source Number**
f) Impair implementation of or physically interfere with an adopted emergency response plan or emergency evacuation plan?			X		The project would not impair or interfere with an adopted emergency response or evacuation plan. Less Than Significant Impact.	1, 3, 4, 5, 20, 22, 35, 37
g) Expose people or structures, either directly or indirectly, to a significant risk of loss, injury or death involving wildland fires?			X		The eastern portion of the site is located in a Severe Fire Hazard Area (State Responsibility Area) and is mapped as Moderate to Very High Fire Risk. The applicant will adhere to all Federal, State and local fire requirements/regulations for setbacks and defensible space; these setbacks are applied at the time of building permit review. Less Than Significant Impact	1, 3, 4, 5, 20, 35, 37
X. HYDROLOGY AND WATER QUALITY <i>Would the project:</i>						
a) Violate any water quality standards or waste discharge requirements or otherwise substantially degrade surface or ground water quality?			X		<p>According to the Property Management Plan – Storm Water Management Plan is designed to help protect the water quality of surface water and the storm water management systems managed by Lake County. The property contains Cole Creek, a perennial stream. No pesticides or fertilizers are permitted within 100 feet of this resource. The Plan includes measures to monitor and evaluate the performance of the plan, as well as ensure that all data and information is reported to the appropriate local agencies, such as the County of Lake. According to the plan, it would focus on the following:</p> <ul style="list-style-type: none"> • <i>Protecting downstream water bodies from water quality degradation</i> • <i>Cultivation site, topsoil, fertilizer, and pesticide risks</i> • <i>How illicit discharges will be prevented</i> • <i>Downstream roads and bridges</i> • <i>Storm Water discharge to adjacent properties</i> • <i>Compliance with the Storm Water Management Ordinance of The Lake County Ordinance</i> • <i>Proposed Grading, Construction and post-construction best management practices, including Parameters and methodology of monitoring</i> <p><u>Pest Management</u> The Pest Management Plan submitted indicates:</p> <p>This section shall describe how cultivation and nursery permittees will comply with the following pesticide application and storage protocols:</p> <ol style="list-style-type: none"> a. Complying with the California Food and Agriculture Code, Division 6 Pest Control Operations and Division 7 Agriculture Chemical; Chapter 1-3.6 and California Code of Regulations, Division 6 Pest Control Operations. b. Complying with all pesticide label directions; c. Storing chemicals in a secure building or shed to prevent access by wildlife; d. Containing any chemical leaks and immediately clean up any spills; e. Preventing offsite drift; f. Not applying pesticides when pollinators are present; g. Not allowing drift to flowering plants attractive to pollinators; h. Not spraying directly to surface water or allow pesticide product to drift to surface water. Spray 	1, 3, 4, 5, 13, 21, 23, 24, 25, 29, 31, 32, 33, 34

IMPACT CATEGORIES*	1	2	3	4	All determinations need explanation. Reference to documentation, sources, notes and correspondence.	Source Number**
					<p>only when wind is blowing away from surface water bodies;</p> <p>i. Not applying pesticides when they may reach surface water or groundwater;</p> <p>j. Using only properly labeled pesticides; and</p> <p>k. Not using pesticides within 100 feet of any spring, top of bank of any creek or seasonal stream, edge of lake, delineated wetland or vernal pool. For purposes of determining the edge of Clear Lake, the setback shall be measured from the full lake level or 7.79 feet on the Rumsey Gauge.</p>	
<p>b) Substantially decrease groundwater supplies or interfere substantially with groundwater recharge such that the project may impede sustainable groundwater management of the basin?</p>			X		<p>Less than significant Impacts.</p> <p>According to the Property Management Plan – <i>Water Usage</i>, the annual water usage is projected to be less than 2.2 acre-feet or 716,872 gallons; this is based on a projected ‘per plant’ use demand of 5 to 6.2 gallons per day on average. The Plan states:</p> <p>Irrigation water for the proposed cultivation operation, will be pumped from the well to four proposed 2,500-gallon water storage tanks located adjacent to the proposed cultivation area, via an HDPE water supply line.</p> <p>The water storage tanks will be equipped with float valves to shut off the flow of water from the well and prevent the overflow and runoff of irrigation water when full. An HDPE water supply line will be run from the water storage tanks to the irrigation systems of each greenhouse within the proposed cultivation area.</p> <p>The water supply lines will be equipped with redundant safety valves, capable of shutting off the flow of water so that waste of water and runoff is prevented/minimized when leaks occur and the system needs repair.</p> <p>The irrigation system of the proposed cultivation area(s) will be composed of PVC piping, black poly tubing, drip tapes/lines, and micro-spray emitters. Supplemental irrigation may be applied when needed by hand using garden hoses.</p> <p>The well test provided was taken in 1973; the well test indicated that water was found at a depth of 23 feet, and the well was dug to a depth of 73 feet. The well test states a standing level of water at 15 feet depth, both ‘pre test’ and ‘post test’, but doesn’t state the GPM production or the duration of the actual well test.</p> <p>A condition is added per Article 27 that requires a series of well recovery tests be run ‘post approval’. These tests must show a sufficient aquifer recovery rate, or the permit would be revoked.</p> <p>Less than significant with condition added.</p>	1, 3, 4, 5, 13, 21, 23, 24, 25, 29, 31, 32, 33, 34
<p>c) Substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river or through the addition of impervious surfaces, in a manner which would:</p> <p>i) Result in substantial</p>			X		<p>The subject property contains Cole Creek a perennial stream. Article 27 of the Lake County Zoning Ordinance requires 100 feet of separation between any cultivation area and the top of a stream bank. The applicant shows adequate separation on the submitted site plans per Article 27.</p> <p>Less than Significant.</p>	1, 3, 4, 5, 13, 21, 23, 24, 25, 29, 31, 32, 33, 34

IMPACT CATEGORIES*	1	2	3	4	All determinations need explanation. Reference to documentation, sources, notes and correspondence.	Source Number**
erosion or siltation on- or off-site; ii) Substantially increase the rate or amount of surface runoff in a manner which would result in flooding on- or off-site; iii) Create or contribute to runoff water which would exceed the capacity of existing or planned stormwater drainage systems or provide substantial additional sources of polluted runoff; iv) Impede or redirect flood flows?						
d) In flood hazard, tsunami, or seiche zones, risk release of pollutants due to project inundation?			X		The project site is partially located in a flood plain and has a perineal stream on site. If the greenhouses are to be constructed within the AO flood zone, then engineered footings are required for any structure that will be placed within this flood plain. Further, all chemicals including pesticides, fertilizers and other potentially toxic chemicals shall be stored in a manner that the chemicals will not be adversely affected in the event of a flood. Less than Significant with conditions added	1, 3, 4, 5, 13, 21, 23, 24, 25, 29, 31, 32, 33, 34
e) Conflict with or obstruct implementation of a water quality control plan or sustainable groundwater management plan?			X		See response to Xd above. Less than Significant.	1, 3, 4, 5, 10, 13, 21, 23, 24, 25, 29, 31, 32, 33, 34
XI. LAND USE AND PLANNING <i>Would the project:</i>						
a) Physically divide an established community?				X	The proposed project site would not physically divide an established community. No Impact.	1, 3, 4, 5, 6, 35
b) Cause a significant environmental impact due to a conflict with any land use plan, policy, or regulation adopted for the purpose of avoiding or mitigating an environmental effect?			X		This project is consistent with the Lake County General Plan, The Middletown Area Plan and the Lake County Zoning Ordinance. Less than Significant.	1, 3, 4, 5, 20, 21, 22, 27, 28
XII. MINERAL RESOURCES <i>Would the project:</i>						
a) Result in the loss of availability of a known mineral resource that would be of value to the region and the residents of the state?				X	The Aggregate Resource Management Plan (ARMP) does not identify this project as having an important source of aggregate. No Impact	1, 3, 4, 5, 26
b) Result in the loss of availability of a locally important mineral resource recovery site delineated on a local general plan, specific plan, or other land use plan?				X	The County of Lake's General Plan, the Middletown Area Plan nor the Lake County Aggregate Resource Management Plan designates the project site as being a locally important mineral resource recovery site. No Impact	1, 3, 4, 5, 26

IMPACT CATEGORIES*	1	2	3	4	All determinations need explanation. Reference to documentation, sources, notes and correspondence.	Source Number**
XIII. NOISE <i>Would the project result in:</i>						
a) Generation of a substantial temporary or permanent increase in ambient noise levels in the vicinity of the project in excess of standards established in the local general plan or noise ordinance, or applicable standards of other agencies?		X			Short-term increases in ambient noise levels to uncomfortable levels could be expected during project grading and/or construction. Mitigation measures will decrease these noise levels to an acceptable level. Less Than Significant with the following mitigation measures incorporated: MM NOI-1: All construction activities including engine warm-up shall be limited Monday Through Friday, between the hours of 7:00am and 7:00pm to minimize noise impacts on nearby residents. Back-up beepers shall be adjusted to the lowest allowable levels. This mitigation does not apply to night work. MM NOI -2: Maximum non-construction related sounds levels shall not exceed levels of 55 dBA between the hours of 7:00AM to 10:00PM and 45 dBA between the hours of 10:00PM to 7:00AM within residential areas as specified within Zoning Ordinance Section 21-41.11 (Table 11.1) at the property lines. MM NOI-3: The operation of the Air Filtration System shall not exceed levels of 57 dBA between the hours of 7:00AM to 10:00PM and 50 dBA from 10:00PM to 7:00AM within residential areas as specified within Zoning Ordinance Section 21-41.11 (Table 11.2) measured at the property lines.	1, 3, 4, 5, 13
b) Generation of excessive groundborne vibration or groundborne noise levels?			X		The project is not expected to create unusual groundborne vibration due to site development or facility operation. The low level truck traffic during construction and for deliveries would create a minimal amount of groundborne vibration. Less Than Significant Impact	1, 3, 4, 5, 13
XIV. POPULATION AND HOUSING <i>Would the project:</i>						
a) Induce substantial unplanned population growth in an area, either directly (for example, by proposing new homes and businesses) or indirectly (for example, through extension of roads or other infrastructure)?			X		The project is not anticipated to induce population growth, but will have the existing house convert to a farm labor quarters. Less than Significant Impact	1, 3, 4, 5
b) Displace substantial numbers of existing people or housing, necessitating the construction of replacement housing elsewhere?				X	No housing will be displaced as a result of the project. No Impact	1, 3, 4, 5
XV. PUBLIC SERVICES <i>Would the project:</i>						
a) Would the project result in substantial adverse physical impacts associated with the provision of new or physically altered governmental facilities, need for new or physically altered governmental facilities, the construction of which could cause significant environmental impacts, in order to maintain acceptable service ratios, response times or other			X		The project does not propose any new housing or other uses that would necessitate the need for new or altered government facilities. There will not be a need to increase fire or police protection, schools, parks or other public facilities as a result of the project's implementation. Less than Significant Impact.	1, 3, 4, 5, 13, 17, 20, 21, 22, 23, 24, 27, 28, 29, 30, 31, 32, 33, 34, 36, 37

IMPACT CATEGORIES*	1	2	3	4	All determinations need explanation. Reference to documentation, sources, notes and correspondence.	Source Number**
performance objectives for any of the public services: - Fire Protection? - Police Protection? - Schools? - Parks? - Other Public Facilities?						
XVI. RECREATION <i>Would the project:</i>						
a) Increase the use of existing neighborhood and regional parks or other recreational facilities such that substantial physical deterioration of the facility would occur or be accelerated?				X	The project will not have any impacts on existing parks or other recreational facilities. No Impact	1, 3, 4, 5
b) Does the project include recreational facilities or require the construction or expansion of recreational facilities which might have an adverse physical effect on the environment?				X	This project will not necessitate the construction or expansion of any recreational facilities. No Impact	1, 3, 4, 5
XVII. TRANSPORTATION <i>Would the project:</i>						
a) Conflict with a plan, ordinance or policy addressing the circulation system, including transit, roadways, bicycle lanes and pedestrian paths?			X		The project site is served by Butts Canyon Road, a paved County road at this location. This project was routed to the County Road Department, who had no adverse comments regarding increased construction, delivery or employee-related trips generated by this project. Less than Significant Impact.	1, 3, 4, 5, 9, 20, 22, 27, 28, 35
b) For a land use project, would the project conflict with or be inconsistent with CEQA guidelines section 15064.3, subdivision (b)(1)?			X		See Response to Section XVII (a).	1, 3, 4, 5, 9, 20, 22, 27, 28, 35
c) For a transportation project, would the project conflict with or be inconsistent with CEQA Guidelines section 15064.3, subdivision (b)(2)?				X	The project is not a Transportation project. No Impact	1, 3, 4, 5, 9, 20, 22, 27, 28, 35
d) Substantially increase hazards due to a geometric design feature (e.g., sharp curves or dangerous intersections) or incompatible uses (e.g., farm equipment)?			X		No changes to Butts Canyon Road are proposed, nor do any appear to be needed. Less than Significant Impact	1, 3, 4, 5, 9, 20, 22, 27, 28, 35
e) Result in inadequate emergency access?				X	As proposed, this project will not impact existing emergency access. No Impact	1, 3, 4, 5, 9, 20, 22, 27, 28, 35
XVIII. TRIBAL CULTURAL RESOURCES <i>Would the project cause a substantial adverse change in the significance of a tribal cultural resource, defined in Public Resources Code section 21074 as either a site, feature, place, cultural landscape that is geographically defined in terms of the size and scope of the landscape, sacred place, or object with cultural value to a California Native American tribe, and that is:</i>						
a) Listed or eligible for listing in the California Register of Historical Resources, or in a local register of historical resources as defined in Public Resources Code section 5020.1(k), or		X			See Response to Section V(a). Implementation of CUL-1 and CUL-2 would reduce impacts to Less than Significant.	1, 3, 4, 5, 11, 14, 15

IMPACT CATEGORIES*	1	2	3	4	All determinations need explanation. Reference to documentation, sources, notes and correspondence.	Source Number**
b) A resource determined by the lead agency, in its discretion and supported by substantial evidence, to be significant pursuant to criteria set forth in subdivision (c) of Public Resources Code section 5024.1. In applying the criteria set forth in subdivision (c) of Public Resources Code 5024.1, the lead agency shall consider the significance of the resource to a California Native American tribe.		X			<p>See Response to Section V(a).</p> <p>Implementation of CUL-1 and CUL-2 would reduce impacts to Less than Significant.</p>	1, 3, 4, 5, 11, 14, 15
XIX. UTILITIES AND SERVICE SYSTEMS <i>Would the project:</i>						
a) Require or result in the relocation or construction of new or expanded water, wastewater treatment or storm water drainage, electric power, natural gas, or telecommunications facilities, the construction or relocation of which could cause significant environmental effects?			X		<p>According to the plan, the proposed use is anticipated to use an annual rate of 718,000 gallons of water to irrigate the plants. The site is served by an on-site well and septic system. Power is available to the site by overhead power lines on Butts Canyon Road.</p> <p>Less than significant</p>	1, 3, 4, 5, 29, 32, 33, 34, 37
b) Have sufficient water supplies available to serve the project and reasonably foreseeable future development during normal, dry and multiple dry years?			X		See Response to Section XIX (a)(b). Less Than Significant	1, 3, 4, 5, 29, 32, 33, 34, 36, 37
c) Result in a determination by the wastewater treatment provider, which serves or may serve the project that it has adequate capacity to serve the project's projected demand in addition to the provider's existing commitments?			X		See Response to Section XIX (a)(b). Less Than Significant	1, 3, 4, 5, 29, 32, 33, 34
d) Generate solid waste in excess of State or local standards or in excess of the capacity of local infrastructure?			X		<p>The existing landfill has sufficient capacity to accommodate the project's solid waste disposal needs.</p> <p>According to the Property Management Plan – Waste Management Plan has been developed to help minimize the generation of waste and for the proper disposal of waste produced during the cultivation and processing of cannabis at the project site.</p> <p>Less than Significant Impact.</p>	1, 3, 4, 5, 28, 29, 32, 33, 34, 36
e) Negatively impact the provision of solid waste services or impair the attainment of solid waste reduction goals?			X		<p>The applicant will chip and spread the cannabis waste on site.</p> <p>Less than Significant Impact.</p>	1, 3, 4, 5, 29, 32, 33, 34, 36
f) Comply with federal, state, and local management and reduction statutes and regulations related to solid waste?			X		All requirements related to solid waste will apply to this project. See Response to Section XIX (d) and (e). Less than Significant Impact.	1, 3, 4, 5, 29, 32, 33, 34, 36