

Checklist of Voluntary Greenhouse Gas Emission Reduction Measures



A Tradition of Stewardship
A Commitment to Service

An addendum to the Entitlement Application and a supplement for Initial Studies as required by CEQA

PROJECT NAME	J Cellars	
PROJECT ADDRESS	4455 St. Helena Hwy	
APPLICANT	J Cellars Investments, LLC	
CONTACT INFO	email	phone

- | | yes | no | I don't know |
|---|-----|-------------------------------------|--------------|
| 1 Have you designed to U.S.G.B.C.™ LEED™ or Build It Green™ standards?
If yes, please include a copy of their required spreadsheets. | | <input checked="" type="checkbox"/> | |
| 2 Do you have an integrated design team?
if yes, please list: _____ | | | |

3 SITE DESIGN

- | | | | |
|---|--|-------------------------------------|--|
| 3.1 Does your design encourage community gathering and is it pedestrian friendly? | | <input checked="" type="checkbox"/> | |
| 3.2 Are you building on existing disturbed areas? | | <input checked="" type="checkbox"/> | |
| 3.3 Landscape Design | | | |
| 3.31 native plants? | | <input checked="" type="checkbox"/> | |
| 3.32 drought tolerant plants? | | <input checked="" type="checkbox"/> | |
| 3.33 Pierce Disease resistant planting? | | <input checked="" type="checkbox"/> | |
| 3.34 Fire resistant planting? | | <input checked="" type="checkbox"/> | |
| 3.35 Are you restoring open space and/or habitat? | | <input checked="" type="checkbox"/> | |
| 3.36 Are you harvesting rain water on site? | | <input checked="" type="checkbox"/> | |
| 3.37 planting large trees to act as carbon sinks? | | <input checked="" type="checkbox"/> | |
| 3.38 using permeable paving materials for drive access and walking surfaces? | | <input checked="" type="checkbox"/> | |
| 3.4 Does your parking lot include bicycle parking? | | <input checked="" type="checkbox"/> | |
| 3.5 Do you have on-site waste water disposal? | | <input checked="" type="checkbox"/> | |
| 3.6 Do have post-construction stormwater on site detention/filtration methods designed? | | <input checked="" type="checkbox"/> | |
| 3.7 Have you designed in harmony with existing natural features, such as preserving existing trees or rock outcroppings? | | <input checked="" type="checkbox"/> | |
| 3.8 Does the project minimize the amount of site disturbance, such as minimizing grading and/or using the existing topography in the overall site design (such as cave design)? | | <input checked="" type="checkbox"/> | |
| 3.9 Is the structure designed to take advantage of natural cooling and passive solar aspects? | | <input checked="" type="checkbox"/> | |

4 ENERGY PRODUCTION & EFFICIENCY

- | | | | |
|--|--|-------------------------------------|--|
| 4.1 Does your facility use energy produced on site?
If yes, please explain the size, location, and percentage of off-set: _____ | | <input checked="" type="checkbox"/> | |
| 4.2 Does the design include thermal mass within the walls and/or floors? | | <input checked="" type="checkbox"/> | |
| 4.3 Do you intend to commission the performance of the building after it is built to ensure it performs as designed? | | <input checked="" type="checkbox"/> | |
| 4.4 Will your plans for construction include: | | | |
| 4.41 High density insulation above Title 24 standards? | | <input checked="" type="checkbox"/> | |
| 4.42 Zones for heating and cooling to provide for maximum efficiency? | | <input checked="" type="checkbox"/> | |
| 4.43 Energy Star™ or ultra energy efficient appliances? | | <input checked="" type="checkbox"/> | |
| 4.44 A "cool" (lightly colored or reflective) or a permeable/living roof? | | <input checked="" type="checkbox"/> | |
| 4.45 Timers/time-outs installed on lights (such as the bathrooms)? | | <input checked="" type="checkbox"/> | |
| If yes, please explain: _____ | | | |

5 WATER CONSERVATION

- | | | | |
|--|--|-------------------------------------|--|
| 5.1 Does your landscape include high-efficiency irrigation? | | <input checked="" type="checkbox"/> | |
| 5.2 Does your landscape use zero potable water irrigation? | | <input checked="" type="checkbox"/> | |
| 5.3 Is your project in the vicinity to connect to the Napa Sanitation reclaimed water? | | <input checked="" type="checkbox"/> | |
| 5.4 Will your facility use recycled water? | | <input checked="" type="checkbox"/> | |
| 5.41 If no, will you prepare for it by pre-installing dual pipes and/or purple lines? | | <input checked="" type="checkbox"/> | |
| 5.5 Will your plans for construction include: | | | |
| 5.51 a meter to track your water usage? | | <input checked="" type="checkbox"/> | |
| 5.52 ultra water efficient fixtures and appliances? | | <input checked="" type="checkbox"/> | |
| 5.53 a continuous hot water distribution method, such as an on-demand pump? | | <input checked="" type="checkbox"/> | |
| 5.54 a timer to insure that the systems are run only at night/early morning? | | <input checked="" type="checkbox"/> | |

6 MATERIAL RECYCLING

6.1 Are you using reclaimed materials?

If yes, what and where: WOOD SIDING

6.2 Are you using recycled construction materials?

6.2.1 finish materials?

6.2.2 aggregate/concrete road surfaces?

6.2.3 fly ash/slag in foundation?

6.3 Will your contractor be required to recycle and reuse construction materials as part of your contract?

6.4 Does your facility provide access to recycle-

6.4.1 Kitchen recycling center?

6.4.2 Recycling options at all trash cans?

6.4.3 Do you compost green waste?

6.4.4 Provide recycling options at special events?

7 NATURAL RESOURCES

7.1 Will you be using certified wood that is sustainably harvested in construction?

7.2 Will you be using regional (within 500 miles) building materials?

7.3 Will you be using rapidly renewable materials, such as bamboo?

7.4 Will you apply optimal value engineering (studs & rafters at 24" on center framing)?

7.5 Have you considered the life-cycle of the materials you chose?

8 INDOOR AIR QUALITY

8.1 Will you be using low or no emitting finish and construction materials indoors-

8.1.1 Paint?

8.1.2 Adhesives and Sealants?

8.1.3 Flooring?

8.1.4 Framing systems?

8.1.5 Insulation?

8.2 Does the design allow for maximum ventilation?

8.3 Do you plan for a wood burning fireplace (US EPA Phase II certified)?

8.4 Does your design include daylight, such as skylights?

9 TRANSPORTATION DEMAND MANAGEMENT

9.1 After your project is complete, will you offer your employees incentives to carpool, bike, or use transit?

9.2 After your project is complete, will you allow your employees to telecommute or have alternative work schedules?

9.3 Does your project include design features that encourage alternative modes of transportation, such as

preferred parking for carpooling, ridesharing, electric vehicles?

secured bicycle parking, safe bicycle access?

loading zones for buses/large taxi services?

9.4 How close is your facility to public transportation?

10 Are there any superior environmental/sustainable features of your project that should be noted?

SOLAR POWER? GRAVITY ASSISTED WINDS, NATURAL COOLING OF CAVES

11 What other studies or reports have you done as part of preparing this application?

1 traffic study
2 botanical survey
3 Northern Spotted Owl Survey
4

12 If your project involves an addition or modification to an existing building, are you planning to improve energy conservation of existing space (such as insulation, new windows, HVAC, etc.)?

If yes, please describe:

N/A

13 Once your facility is in operation, will you:

13.1 calculate your greenhouse gas emissions?

13.2 implement a GHG reduction plan?

13.3 have a written plan to reduce your vehicle miles traveled of your operations and employee's commute?

14 Does your project provide for education of green/sustainable practices?

If yes, please describe:

15 Any comments, suggestions, or questions in regards to the County's efforts to reduce greenhouse gases?

Form filed out by: applicant

Please feel free to include additional sheets of paper as necessary.

* See attached word document.

ATTACHMENT TO CHECKLIST OF VOLUNTARY GREENHOUSE GAS
EMISSION REDUCTION MEASURES

** Solar panels will be installed so long as there is adequate space and its installation will not serve as an obstruction.