

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	<u>CANANI</u>	
PROJECT ADDRESS	<u>7466 HWY 29 YOUNTVILLE</u>	
APPLICANT	<u>YOUNTVILLE VINEYARDS LLC</u>	
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: _____ | <input checked="" type="checkbox"/> | | |
| 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:
<u>100%</u> | <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: <u>ALL AUTOMATIC CONTROL</u> | | | |
| 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? | | | |
| 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"/> |

yes no I don't know

6 MATERIAL RECYCLING

6.1 Are you using reclaimed materials?
If yes, what and where: MANY ITEMS

<input checked="" type="checkbox"/>		
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6.2 Are you using recycled construction materials-

6.21 finish materials?	<input checked="" type="checkbox"/>	
6.22 aggregate/concrete road surfaces?	<input checked="" type="checkbox"/>	
6.23 fly ash/slag in foundation?	<input checked="" type="checkbox"/>	

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

<input checked="" type="checkbox"/>		
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6.4 Does your facility provide access to recycle-

6.41 Kitchen recycling center?		<input checked="" type="checkbox"/>
6.42 Recycling options at all trash cans?	<input checked="" type="checkbox"/>	
6.43 Do you compost green waste?	<input checked="" type="checkbox"/>	
6.44 Provide recycling options at special events?	<input checked="" type="checkbox"/>	

7 NATURAL RESOURCES

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

<input checked="" type="checkbox"/>		
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7.2 Will you be using regional (within 500 miles) building materials?

<input checked="" type="checkbox"/>		
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7.3 Will you be using rapidly renewable materials, such as bamboo?

		<input checked="" type="checkbox"/>
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7.4 Will you apply optimal value engineering (studs & rafters at 24" on center framing)?

<input checked="" type="checkbox"/>		
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7.5 Have you considered the life-cycle of the materials you chose?

<input checked="" type="checkbox"/>		
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8 INDOOR AIR QUALITY

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

8.11 Paint?	<input checked="" type="checkbox"/>	
8.12 Adhesives and Sealants?	<input checked="" type="checkbox"/>	
8.13 Flooring?	<input checked="" type="checkbox"/>	
8.14 Framing systems?	<input checked="" type="checkbox"/>	
8.15 Insulation?	<input checked="" type="checkbox"/>	

8.2 Does the design allow for maximum ventilation?

<input checked="" type="checkbox"/>		
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8.3 Do you plan for a wood burning fireplace (US EPA Phase II certified)?

	<input checked="" type="checkbox"/>	
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8.4 Does your design include dayling, such as skylights?

		<input checked="" type="checkbox"/>
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9 TRANSPORTATION DEMAND MANAGMENT

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

<input checked="" type="checkbox"/>		
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9.2 After your project is complete, will you allow your employees to telecommute or have alternative work schedules?

		<input checked="" type="checkbox"/>
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9.3 Does your project include design features that encourage alternatives 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?

<input checked="" type="checkbox"/>		
<input checked="" type="checkbox"/>		
<input checked="" type="checkbox"/>		

9.4 How close is your facility to public transportation?
LESS THAN 3 MILES

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

0 FOOTPRINT

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

1 _____
2 _____
3 _____
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.)?

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If yes, please describe: _____

13 Once your facility is in operation, will you:

13.1 calculate your greenhouse gas emissions?

<input checked="" type="checkbox"/>		
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13.2 implement a GHG reduction plan?

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

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

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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: _____