



# Klamath Falls Eco-Village Community Development

120 Affordable Dwellings in a Strategic Partnership with Klamath County Planning Department



4250 Round Lake Rd Klamath Falls, OR 97601, 20.46 Acres

60 Prefabricated Apartments Section **12 Ocean Container Homes Section** 

9 A-frame Cabins

Integrated Community Diversity in Sustainable Affordable Housing GOEIG has created a Planned Unit Development (PUD) that provides sustainable housing diversity with 120 affordable dwellings that are rented in leasing agreements. The master plan integrates a sustainable community into 6 integrated housing sections with an organic market supplied by mixed fruit & nut trees and full season community gardens, a two story multi-purpose community center with recreation room, commercial kitchen and dinning room with a performance stage for live events, workshops, banquets, luncheons, dinners.

# GARDEN OF EDEN INVESTMENT GROUP INC

Vertically Integrated Supply Chain For Green-Built Sustainable Homes

| 14 Tiny Homes Section        | Food Market with Courtyard/            |
|------------------------------|--|
| 9 Manufactured Homes Section | <b>Community Center/Pool &amp; Jac</b> |
| 4 Quadplex Homes Section     | Community Gardens/Fruit &              |

/Farmers Market acuzzi Nut Trees



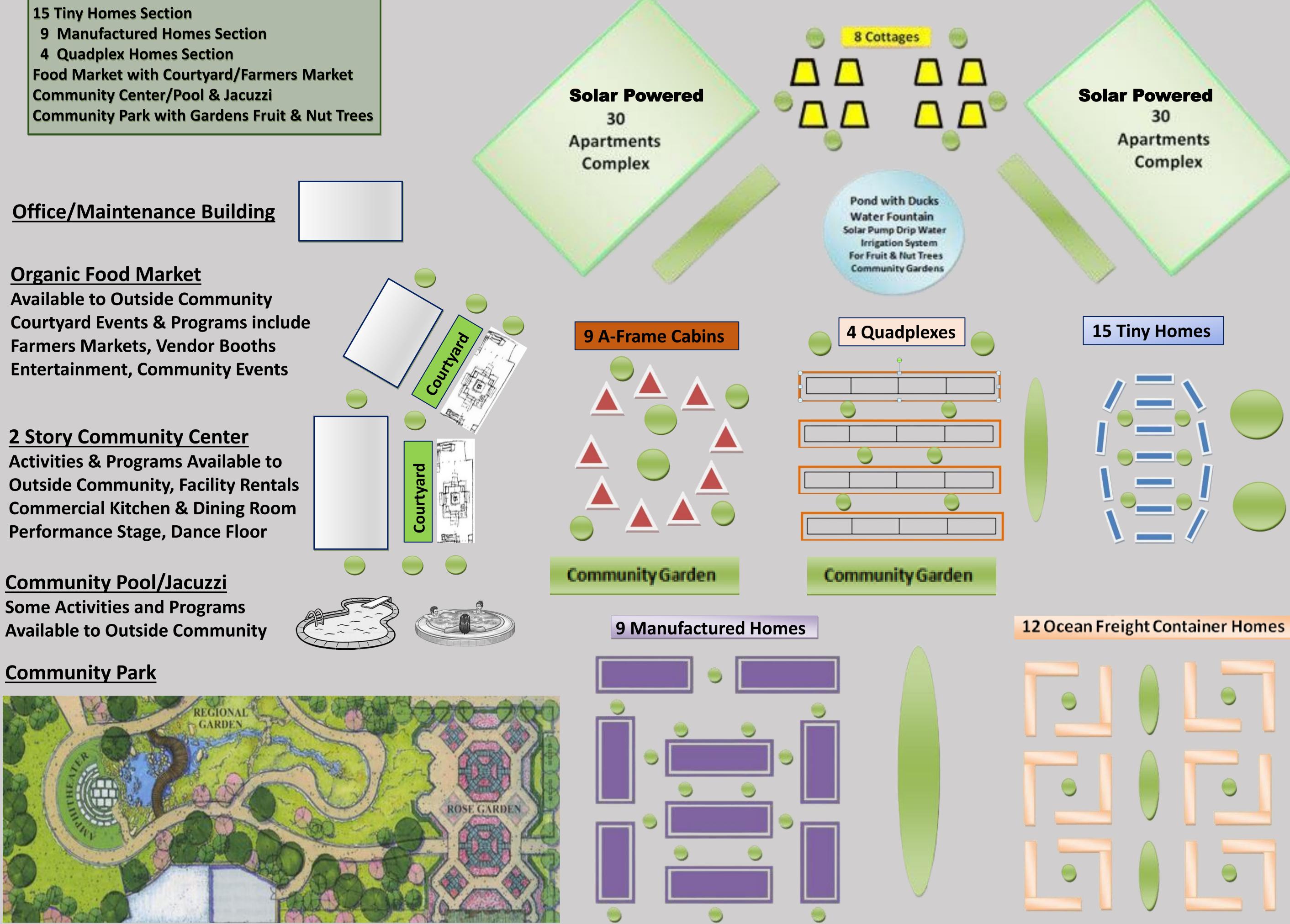
Innovative Affordable Housing Eco Village Community Development The Garden of Eden Investment Group (GOEIG) has created a strategic partnership consortium with multiple agencies, organizations, urban planners, permaculture designers, sustainable building contractors and land use consultant to review the PUD master plan, construction design, county economic interests, incentives, and community needs to develop an affordable community housing development in Klamath Falls OR. GOEIG is conducting focus group studies, research, collaborative input and feedback to create a Community Land Trust called Klamath Falls Eco Village Community Development Land Trust that will be in a partnership with GPEIG.

**Klamath Falls County Planning Departm** Klamath Falls Economic Development **Klamath Housing Authority** Sacred Earth Permaculture Design

| Klamath Falls Chamber of Commerce                | DREC Constru   |
|--|--|
| <b>Oregon State University Extension Service</b> | Bogatay Const  |
| Vessel Technologies                              | <b>Container Hor</b>   |
| Ahimsa Gardens                                   | The Perfect Bl   |
|  | Oregon State University Extension Service<br>Vessel Technologies |

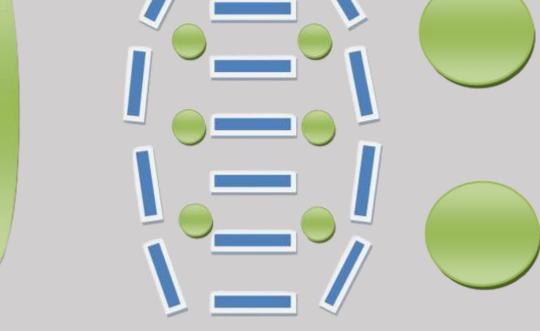
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60 Prefabricated Apartments Section Ocean Container Homes Section A-frame Cabins Manufactured Homes Section Quadplex Homes Section



## Klamath Falls Eco Village Community Development 120 Affordable Dwellings in a Strategic Partnership with Klamath County





## **60 All-Electric Prefab Apartments**





### Vessel Technologies All-Electric Prefab Apartment Design Integrates State-**Of-The-Art Automotive, Aircraft, and Nautical Engineering Technologies**

Sustainable fire-resistant green building materials 100% electric solar panels affixed to rooftop delivers all power **Replaces traditional construction practices with industrial manufacturing processes** Prefabricated wall, flooring and ceiling components reduce costs and time Limits the construction waste, overflowing dumpsters, snarled traffic **Proprietary recyclable wall panel system that uses no paint** Paint-free, hypoallergenic and antimicrobial surfaces 5' x 9', triple-glazed windows Structural system designed to withstand massive wind and seismic loads **Rooftop Sunnova<sup>TM</sup> solar arrays** Stairs & OTIS<sup>TM</sup> elevator system Hot water/ heat pump water heater

### **Proprietary Smart Tech VOS Software System Monitors the Entire Building**

100's of sensors, electro-mechanical devices manage temperature, air quality, security, lighting, entertainment systems. Residents are informed of electricity & water consumption

Smart Appliances-- Oven, Dishwasher, Washer/Dryer, **Smart Self-Cleaning rain shower** Smart TV with In Wall Speaker System Smart HVAC system-- independent heating/cooling, coupled with Lunos HRV system **Smart Intercom System prevents unwanted access** Smart Audio-- Streams into wall speaker system Smart Lighting--Customize colors through light therapy scenes, adjust brightness mood Smart Climate control--Set sleep and wake schedule or enable Eco-Mode, Smart Sanitization-- Pathogen-prone surfaces sterilized when residents are out Smart Air Quality Monitor system-- air purification, ventilation system monitor/cleansed Smart Water Sensor System tracks water consumption; provide feedback for savings Smart Electricity Sensor System tracks Electrical usage provides feedback for savings Smart In Home Security System-- Monitors the front door, windows, and interior motion Panelized interior replaces painted walls, eliminates painting

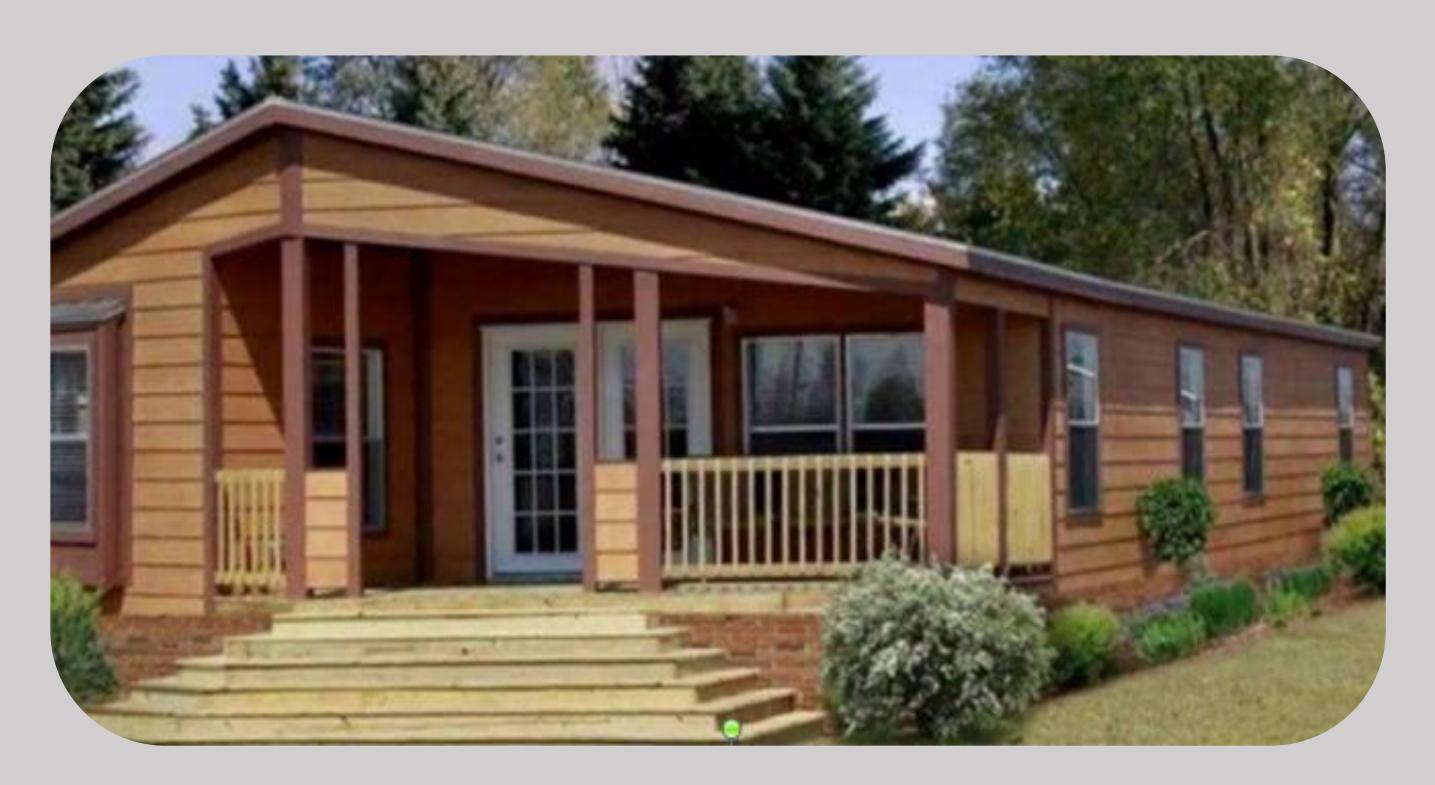
## Tiny Home Section-- 15 Tiny Home Units, 1 bed/1bath







## Manufactured Homes Section--12 Homes 6 Triple Wides 6 Double Wides















## Ocean Container Homes-- 12 Homes 8-- Three bedrooms/2 bath 4-- Two bedroom/2 Bath





## Ocean Container Homes-- 12 Homes 8-- Three bedrooms/2 bath 4-- Two bedroom/2 Bath









DWELLBOX 640



## A-Frame Cabins-- 9 Units 5-- Two bedroom/1 ½ bath 4-- One bedroom/1 bath









## 4 Quadplex Homes Section-- 16 Homes 10-- Two bedroom/1 ½ bath 36-- One bedroom/1 bath

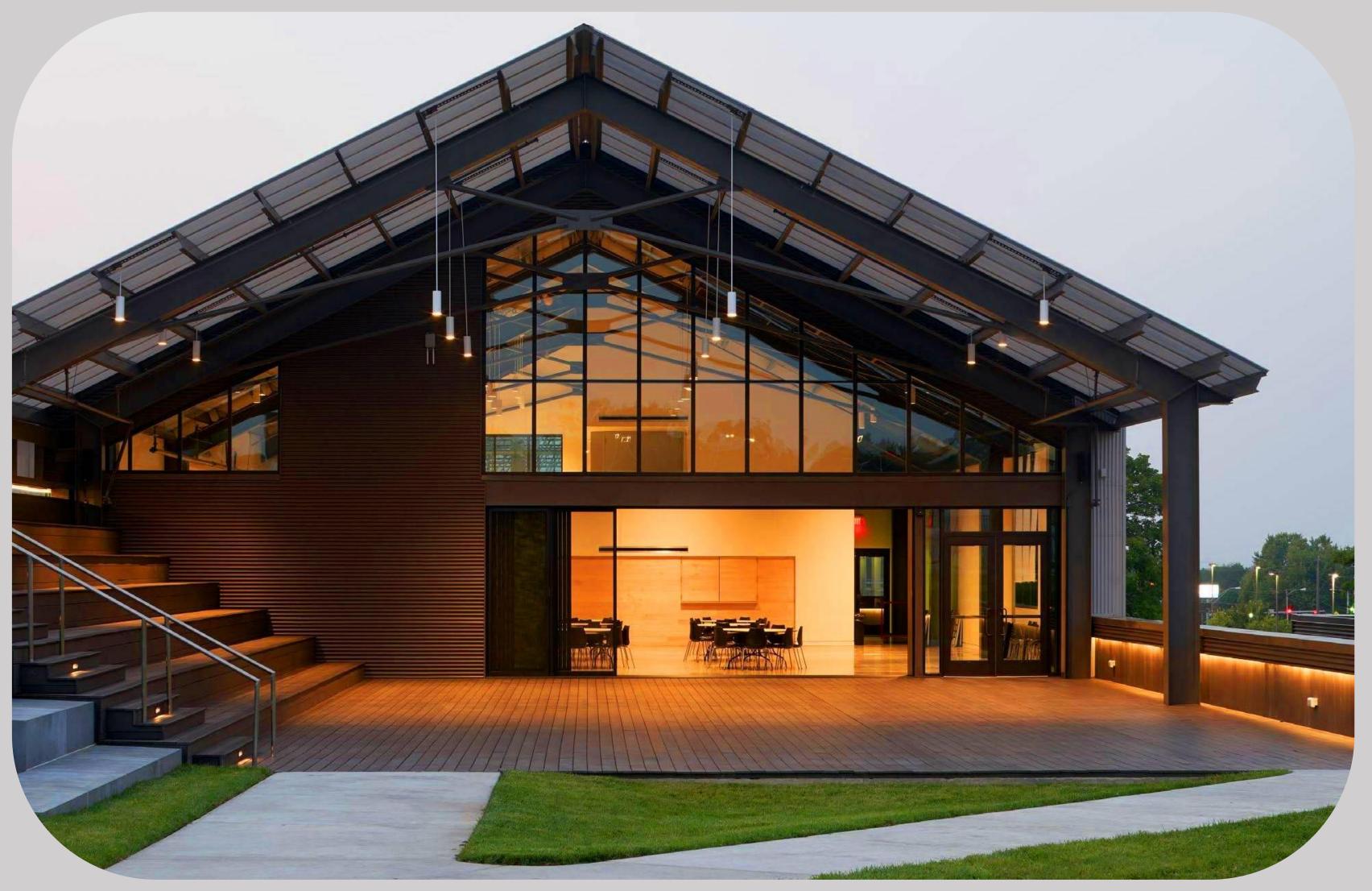


## 8-- Cottages 5--Two Bedroom, 1 ½ Bath 3--One Bedroom, 1 Bath





**Solar Powered Community Center** 



**Versatile Rental Spaces** 

## **Multi-Purpose Community Center**

Klamath Falls Eco Village Community Center is a multipurpose community center providing many amenities and services including different tiers of membership to serve the diverse needs of community residents and visitors. The Community Center is designed for flexibility, sustainability and community engagement creating a welcoming and adaptable space for various activities and services that include:

**Commercial Kitchen Dining Room with Performa Banquets, Luncheons, Dinne** Dance floor, Weddings/Parti Mind/Body/Wellness Works Live Events, Concerts, DJ's, C Comedy Shows, Children Per

The commercial kitchen, dining room, performance stage, meeting rooms can be rented for events, musical performance, parties, weddings, business meetings, celebrations, cooking workshop and community activities serving as the central hub for community events, and gatherings.

The design features a spacious, open-concept area with high ceilings, large windows to maximize natural light. Architectural features include sustainable materials, energyefficient lighting, and acoustic designs to enhance the space for various activities.

Architectural features include energy-efficient appliances, communal dining tables, and a welcoming atmosphere for a multifunctional space promoting community and social interaction while offering a versatile venue for a wide range of events and activities.

|            | <b>Retreat Activities</b>        |
|------------|----------------------------------|
| nce Stage  | <b>Community Resource Center</b> |
| ers        | Lectures, Education Programs     |
| ies        | Exhibitions                      |
| shops      | Therapy Programs                 |
| Choirs     | Workshops                        |
| rformances | Festivals/Expos                  |
|            |                                  |



**Green design integrates sustainability & environmental consciousness** contributing to green lifestyle with functionality of the mixed use space.



**Communal dining tables promotes a sense of community harmony** and encourages shared meals and fostering community sharing

## **Multi-Purpose Community Center**



The cozy lounge area has plush seating, ambient lighting, tasteful decor contributing to a laid-back atmosphere for community socialization



**Open-concept kitchen design includes a café-style seating area that serves** as a communal dining space, cooking classes, and a hub for socializing



The versatile multi-performance stage in the Community Center can be used for a variety of in-house or rental events including but not limited to the following:

| <b>Barber Shop Quartets</b>   |  |
|-------------------------------|--|
| Chamber Orchestra Music       |  |
| <b>Community Meetings</b>     |  |
| <b>Childrens Performances</b> |  |

## **Multi-Purpose Performance Stage**

Comedy Shows Dance Performances Demonstrations Fundraisers

Hypnotist Shows Lecture Series Live Performances Movies Musical Concerts Open Mic Night Poetry Readings Puppet Shows Speeches Spoken Word Events Town Halls Youth & Adult Choirs

## The Community Center Programs and Activities

The 2-story community center provides a wide range of Community programs and activities to serve the diverse needs and interests of the community residents and also provide programs for outside community members. Some of the activities and programs that are created for outside community members will receive funding from sponsors, grants, fund raising programs, donations and benefactors.

### **Fitness Classes Volunteer Service Cultural Events** Aerobics Volunteer Fairs Art Exhibitions Cultural Festivals **Community Projects** Yoga Charity Drives Music Concerts Pilates Dance Performances Zumba Tai Chi Drama, Theater productions **Parenting Classes** Dance Classes Parenting Workshops Boot Camp **Children's Activities** Support Groups for Parents Childhood Development Playgroups Youth Programs Story Time Sessions After School Programs Puppet Shows Technology Homework Help Kids' Fitness Classes Computer Labs Youth Leadership Programs Children's Performances Coding Classes Arts & Crafts Tech Workshops **Sports & Recreation** Community Internet Access Health & Wellness Basketball Volleyball Health Screenings Environmental Fitness Challenges **Indoor Soccer Recycling Programs** Wellness Workshops Table Tennis Sustainability Workshops Meditation Badminton Clean-up Campaigns Mindfulness Sessions Indoor Climbing Wall Yoga, Tai Chi, Qigong Senior Programs **Community Gardens** Senior Fitness Classes Art Studios, Galleries Social Clubs Gardening Workshops Open Studio Sessions **Educational Lectures**

Senior Citizen Tax Services

Day Trips and Outings

Art Classes

Art Exhibitions



- Garden Rentals/Memberships Farmers Markets Permaculture Projects

### **Community Meetings**

Neighborhood Meetings Town Hall Meetings Community Forums Support Groups

### **Educational Programs**

Workshops & Seminars Cooking, Art, Photography Videography Language Classes Computer Literacy Courses Health & Wellness Music Lessons

### **Emergency Preparedness** Entreprene

First Aid Training Disaster Preparedness Seminars CPR Classes

### **Career Development**

Job Fairs Resume Workshops Networking Events Volunteer Programs Interviewing Workshops Social Media Content Creation

### Multi Med

Card Games Board & Dice Media & Boo

### Environme

Recycling Pro Sustainability Clean-up Can

### Holiday &

Community-V Holiday Seaso Festive Event

Small Busines Startup Incub Business Net

### Social Ever

Community P Coffee Morni Game Nights Book Clubs Movie Nights, Bingo



| dia Room          | <b>Recreation Room</b>  |
|-------------------|-------------------------|
|                   | Billiards Table         |
| e Games           | Ping Pong               |
| ok Library        | Dart Board              |
|                   | Foosball                |
| ental             |                         |
| ograms            | <b>Pool Services</b>    |
| / Workshops       | Swim Lessons            |
| npaigns           | Water Aerobics          |
|                   | Pool Yoga               |
| Seasonal          | Water Safety Classes    |
| Wide Celebrations | Poolside Barbecues      |
| ons Parties       | Private Rentals         |
| s & decorations   | Senior Water Activities |
|                   | Catering Services       |
| eurship           |                         |
| ss Workshops      | Jacuzzi Services        |
| bators            | Aquatic Fitness         |
| working Events    | Hot Tub Yoga            |
| U                 | Hydrotherapy Workshops  |
| nts               | Wellness Workshops      |
| Potlucks          | Relaxation Sessions     |
| ings              |                         |
| 0                 | Shower/Bathrooms        |
|                   | Dressing Rooms          |
| s, Music Nights   | Lockers                 |
|                   | Showers                 |







### **Community Pool & Jacuzzi**

The Pool and Jacuzzi contributes to a strong sense of community and environmental sustainability with community gardens around the pool area showcasing sustainable gardening practices that foster teamwork, communication, and community spirit by:

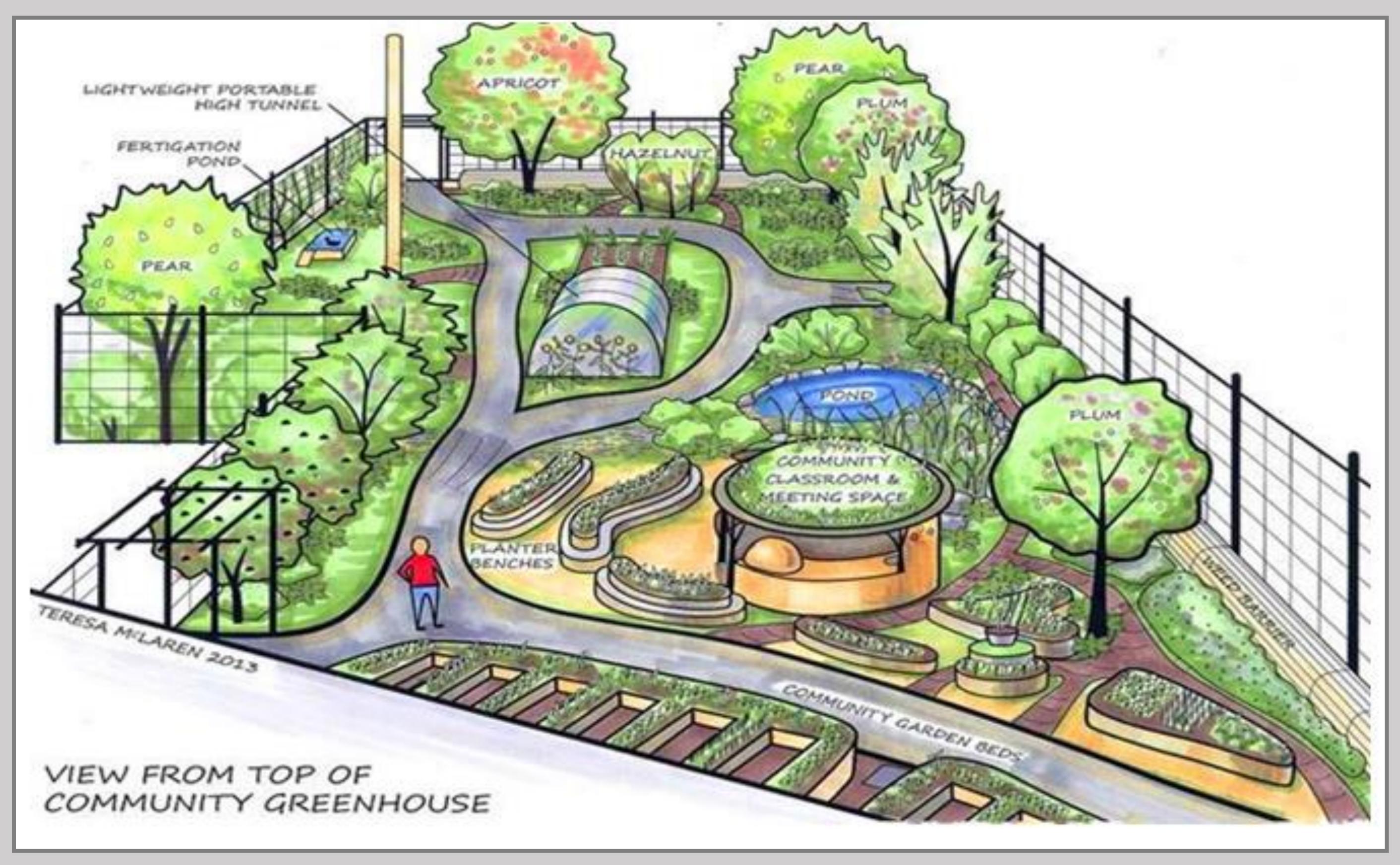
> **Conserving Natural Resources Protecting Global Ecosystems** Solar Power, Solar Heating/Pumps **Supporting Health & Wellbeing Eco-Friendly Architecture Sustainable Materials** Sustainable Construction Native Landscaping **Local Biodiversity Reduce Carbon Footprint** Water Conservation

Pool and Jacuzzi are integrated with the Community Center with different tiers of membership, each offering varying levels of access, benefits and activities--

> Swim Lessons Water Aerobics Jacuzzi Yoga **Private Rentals Catering Services**

# Water Volleyball/Polo/Basketball **Pool Yoga and Aquatic Fitness Aquatic Dance Party Poolside Barbecues Senior Water Activities Pool Party Floating Card Games** Jacuzzi Board Night Games

## **Community Permaculture Designed Gardens**



### **Community Supported Agriculture Program**

Community organic gardens with mixed fruit and nut trees, herb gardens, vine gardens, edible landscapes create a year-round harvest that provides a **Community Supported Agriculture (CSA)** program where residents pay a monthly fee to receive organic food. Community Membership programs offers discounted prices at the on-site market or priority access to special produce. Residents participate in unique dining experiences using organic food from the community gardens for dinners with garden-to-table community events.

## **Community Gardens & Mixed Fruit Trees**



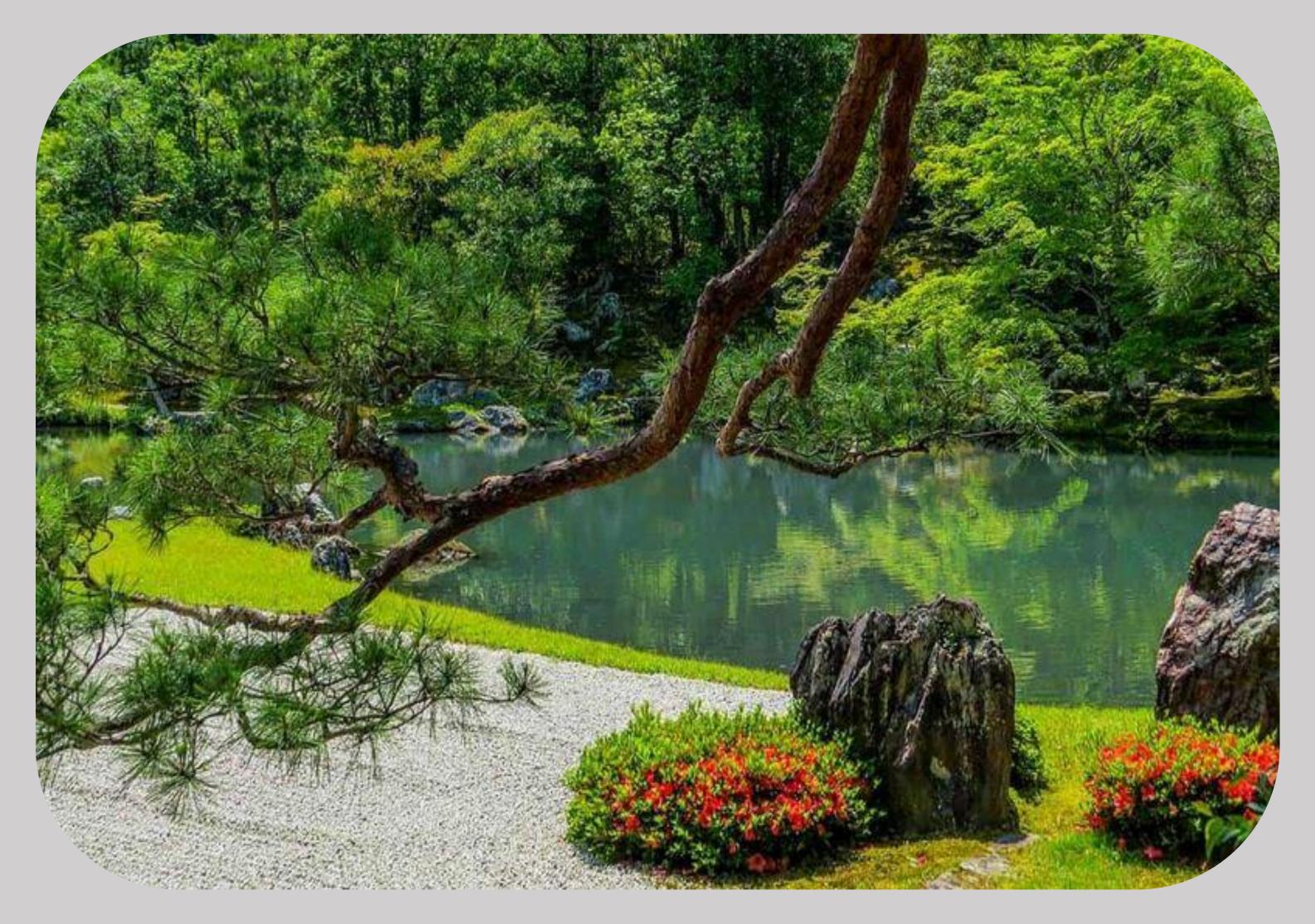
### **Green Architectural Landscape Permaculture Designs**

Community Organic Gardens with Mixed Fruit & Nut Trees implement permaculture principles into landscape design with year-round harvest gardens using companion planting, native plantings, water conservation, raised beds, biodiversity, water features, fountains, recycled water, lighted walkways. Diverse Food Production includes a variety of organic vegetables, fruits, herbs with mixed fruit trees, apple, pear, peach, orange, lemon, lime, avocado, walnut, almond, pistachio, edible landscapes, vine gardens, herb gardens. The community gardens supports the community's food needs and promotes a sustainable, beautiful, and socially connected green living community lifestyle experience.

## **Biodiversity in Full-Season Gardens and Mixed Fruit/Nut Trees**



By intertwining permaculture design principles with green sustainable architecture, the ecovillage achieves a holistic & regenerative approach to community living. The integration of biodiversity, sustainable agriculture, and eco-friendly architecture creates a harmonious and resilient environment that not only meets the needs of the community but also contributes positively to the surrounding ecosystems.



Green Sustainable Architectural Landscape Permaculture Design Principles create a resilient environment meeting the needs of community and contributing positively to the surrounding ecosystems with some key principles that include the following:

**Polyculture Planting Companion Planting Native Plants and Pollinato** Natural pest Control **Seasonal Succession Planti** Herb Gardens **Medicinal Plants** Passive Solar Design **Rainwater Harvesting Syste Natural Building Materials Energy-Efficient Lighting** Water Conservation, Recycl

|      | Rain Gardens                    |
|------|---------------------------------|
|      | Water Features                  |
| rs   | Perennial Vegetables and Fruits |
|      | Zone & Sector Planning          |
| ng   | Swales and Contour Planting     |
|      | Keyhole Gardens                 |
|      | Living Roofs and Walls          |
|      | Greywater Recycling             |
| em   | Integrated Community Spaces     |
|      | Symbiotic Structures            |
|      | <b>Community Art Projects</b>   |
| ling | Regenerative Agriculture        |





## **Community Organic Food Market**

### Membership Programs

CSA Community Supported Agriculture memberships sold in store Barter Credits provided for resident work trades Provide discounts, promotions at the market Home delivery services provided to residents and outside community

### Farmers Market Weekend Extravaganza

Local farmers and vendors charged a fee for setting up booths Local artists, musicians, bands create diverse entertainment lineup Entrance fees for special events, concerts, live performances

### Farmers Market Weekend Extravaganza

Charge local farmers and vendors a fee for setting up booths







## Farmers Market Weekend Extravaganza

Local farmers and vendors charged a fee for setting up booths Local artists, musicians, bands create diverse entertainment lineup Entrance fees for special events, concerts, live performances Themed Events are coordinated with entertainment themes

## **Farmers Market Layout and Design**

Market layout incorporates organic food market with farmers market vendors and live entertainment strategically placed within the courtyard to attract visitors to both the organic market, community amenities, vendor booths, Community Center events

## **Market-Driven Events**

Tasting Events, Recipe Demos, Cooking Contests feature organic products Farm-to-table meals, workshops, and sponsorship opportunities

# Farmers Market Weekend Extravaganza



### Harvest Fest and Pumpkin Carving Contest

Fall season Harvest Fest with pumpkin carving contest where visitors vote for their favorites. Winners receive prizes sponsored by local businesses

### **Green Living Expo**

Event promoting sustainable living, eco-friendly practices; booths, ecoworkshops, sustainable product demonstrations, guided tours

### Fiesta Market

Taste of Mexico with a Fiesta theme; live mariachi bands, salsa dancing, chili cook-off. Local business sponsorships the event

### Artisan Craft Fair

Local artisans and crafters fair; artisan vendor booths; craft workshops Unique handmade items, sponsors contribute prizes for "Best in Show"





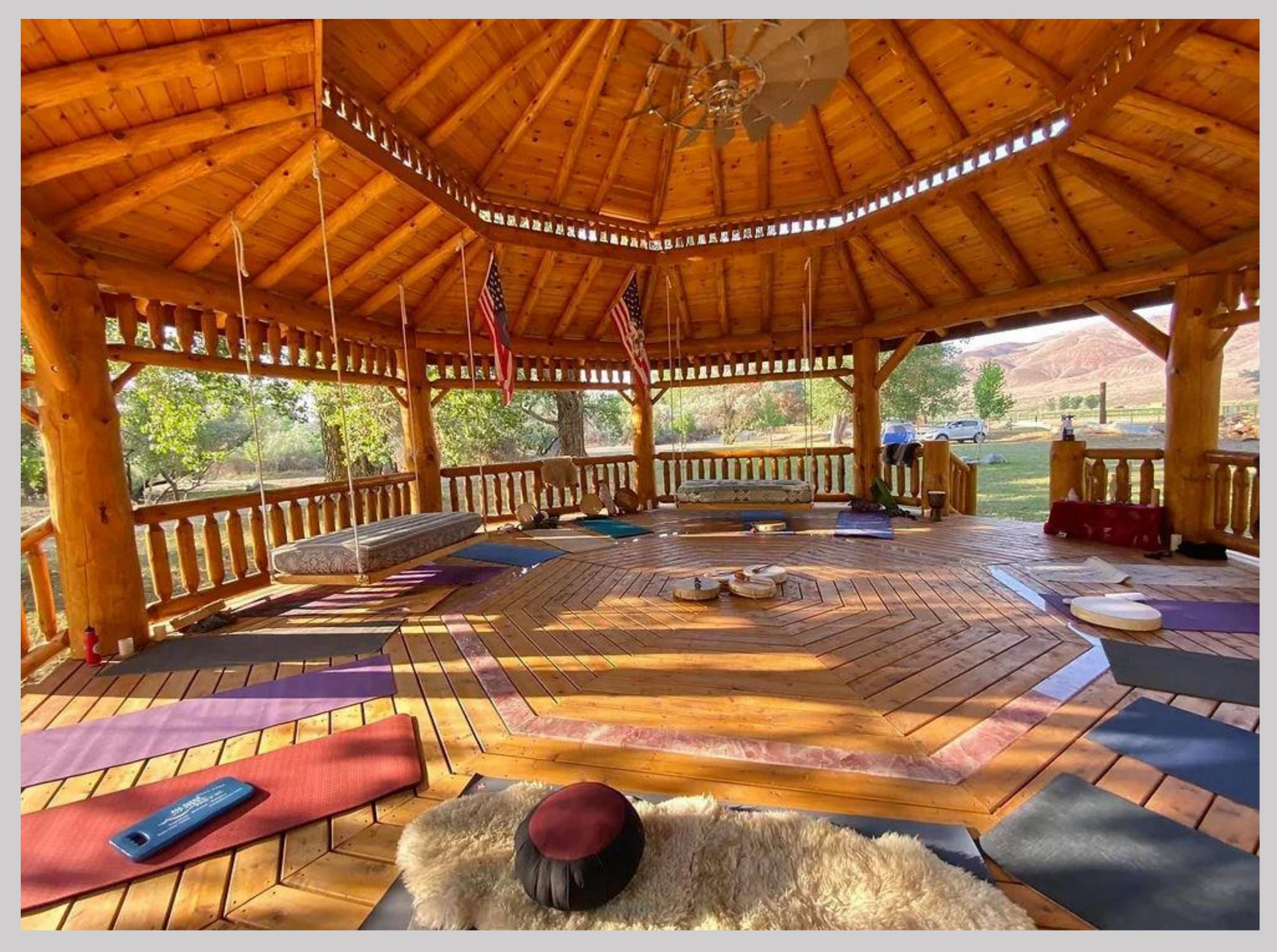
Integrating activities, events, and programs in the Community Park with children's playground enhances the overall experience of the Farmers Market Weekend Extravaganza. The Community Park diverse range of activity programs creates a vibrant and atmosphere for people of all ages where winners can receive prizes and gift certificates sponsored by local businesses, community foundations

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# **Community Park**

**Picnics in the Park:** Picnic areas, families purchase picnic baskets filled with goodies from farmers market; live acoustic music and storytelling Yoga & Wellness Workshops: Yoga or meditation workshops under the trees to involve parents and children; Local businesses sponsorship Outdoor Movie Nights: Outdoor cinema movie nights with large screen under the stars to showcase family-friendly movies Nature Walks & Guided Tours: nature walks with guided tours sharing flora, organic garden, home and solar design systems, green living Art in the Park: outdoor art gallery within the park with local artists display their work; art workshops for children in the playground area Storytime Sessions for Kids: storytelling sessions with local authors, storytellers engage children with interactive and entertaining stories Tree Planting & Gardening Workshops: Local experts provide tips on sustainable gardening; aligns with organic & sustainable theme of market Sports & Games Zone: Families participate in competitions-- sack races, tug-of-war, frisbee, soccer darts; sponsored by sports/fitness businesses

# **OPEN-SIDED PAVILLION EVENT STAGE**



Integrating a diverse range of activities, live events, performances, workshops and retreat programs, the Open Sided Pavilion offers multi-purpose events.

Yoga Tai Chi Quigong Martial Arts Songwriting Poetry Art

Meditation Dowsing Nature **Breath Work Diet & Nutrition** Weight Loss **Book writing** 

Defense **Energy Healing** Chakra Astrology Greenhouses Sculpting Photography

**Remote Viewing** Spiritual Gardens **Cleansing & Detox** Life Coach Transformation Permaculture

