# Roussette

So called in allusion to the color russet; yellowish brown, light brown, or reddish-brown; finished leather that is not yet polished or colored Concept: Roussette is an artisan based society which focuses on the simple pleasures of life. A slower paced lifestyle is presented with emphasis on family and leisure. Roussette is a self reliant community that depends largely on agriculture, artisan craftsmanship and holistic health rather than high-tech dependence. Often technology, such as personal vehicles, become a personal, cultural and financial burden. For this reason, Roussette is a society which functions without the use of personal automobiles, but uses a trolley system for transportation and shipping. Bicycling and walking lead to a healthier, more personable, simplistic way of life.



## Roussette Water Policy

The state of Arizona a on average receives less than nine inches of rain per year. The average person in Arizona use 150 gallons of water per day. The community of Roussette understands both the needs and limitations of the water supply, for this reason the town of Roussette has very strict policy on the use of water and the guidelines of how to use the allotted water.

- 1. Individual water usage is limited to 75 gallons of water per day.
- 2. Water usage will be strictly metered at individual households and commercial prop erties.
- 3. Commercial water usage is under its own terms and conditions, depending on the service itself and also the average amount of employees and customers.
- 4. Rain water collection systems are highly encouraged and do not count against daily allotted water.
- 5. Low water usage will be rewarded with credits on utility bills
- 6. No freshwater is to be used for outdoor landscaping.
- 7. Gray water systems are to be installed in all constructed buildings; this water will be utilized by underground irrigation systems or sent to treatment plants. 8. To support the water demands xeriscaping utilizing native plant life will be
- mandatory 9. Failure to follow any of the above provisions will result in a fine; repetitive offenses will be addressed accordingly and could result in eviction from Roussette if unresolved.



#### Roussette Land Use & Circulation Plan

The land form flows organically in the city of Roussette. While the terrain is flat, the curvature of the street patterns and the stepped adobe buildings add texture to the landscape. The high speed rail line to the Southwest of the city is an important hub for travel and tourism. The line has is buried underground, however, to maintain the slow paced, pedestrian environment.

Dense urban public and market spaces exist throughout the central corridor. Mixed use adobe complexes combine with open air markets along the trolley lines. Density fades to the exterior of the city, though the population of approximately 20,000 resides primarily within the dense city center.

The exterior of the city is reserved for agricultural and light industrial space required to support the community. Balancing the urban density are preserved natural spaces for recreation, camping and outdoor festivals.

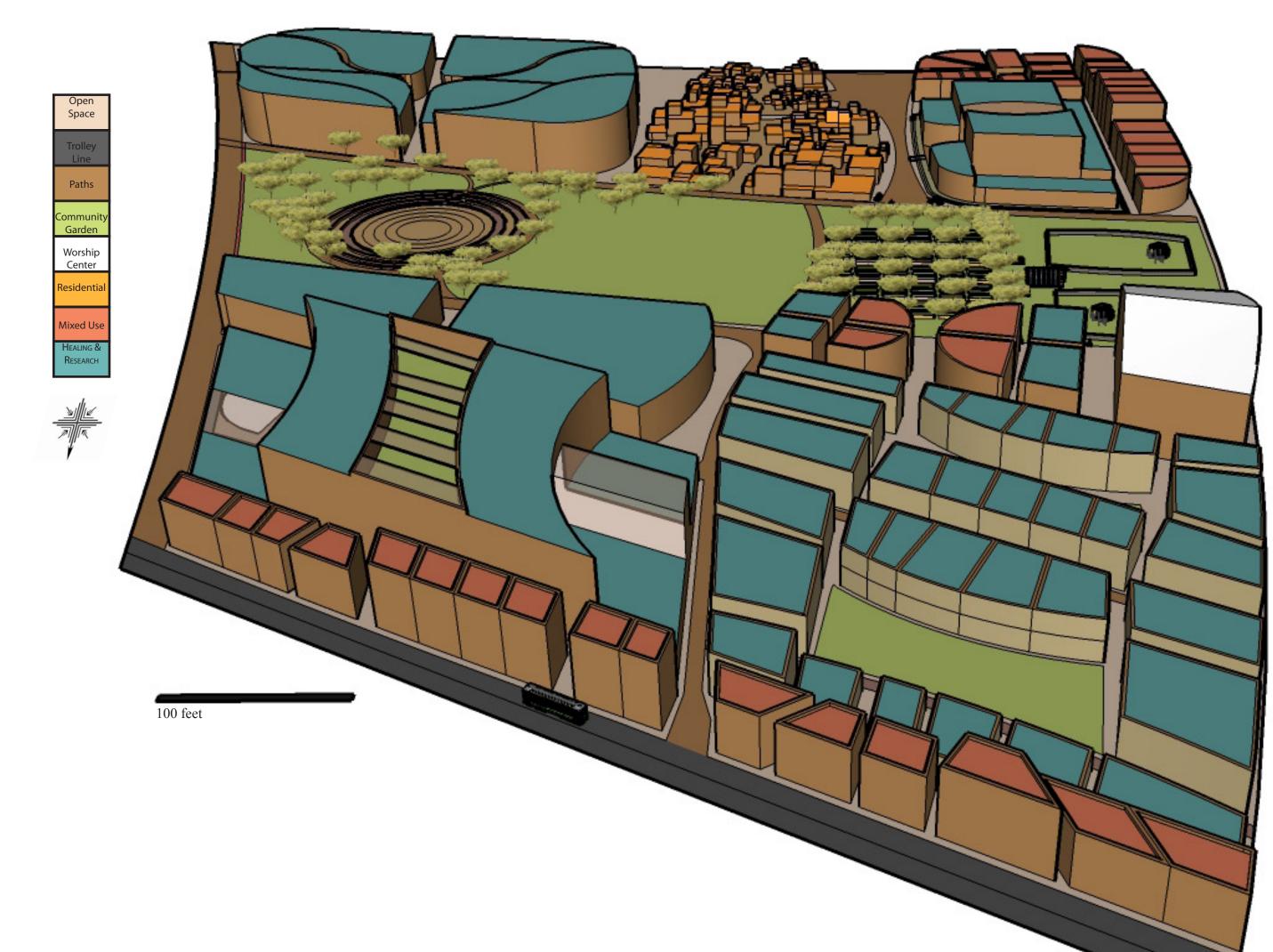
 $\longrightarrow$  One inch = four hundred feet

#### Roussette City Market Site Plan



The detailed site plan illustrated above is of a central market. Roussette is an artisan community and is largely dependent on community productivity. The main building material in Roussette is adobe, and the structures are built by local adobe craftsmen. As cars are not allowed in Roussette, solar powered trolley lines run centrally through the district and are the main mode of transit along with bicycles. This trolley line carries not only passengers but goods as well. A strictly agricultural trolley line cuns though the rural community. Community gardens are spread throughout Roussette and therefore provide a healthier lifestyle for the citizens. Market squares are where farmers and artisans alike come together and sell their goods. A local economy is a large focus of Roussette and very little is imported from outside the area. Market vendors are located in small buildings adjacent to the market square. Industrial areas are located close to the trolley lines for easy transport of goods. Residential areas are spread throughout and mixed use of residential, commercial, and retail are widespread. Commercial areas include not only retail, but also artisan studios, and classroom learning space.

## Roussette Health Campus Site Plan



One of Roussette's primary attractions is the Natural Healing Research Center. Integrated into the fabric of the city, the healing center features healthy lifestyle retail, restaurants and fitness studios at the trolley line level. Throughout the center there are research and residential treatment facilities. This healing center is a worldwide attraction for people seeking alternative, holistic treatment and management of illness. At the heart of campus is an urban agricultural strip. The East side of the strip is an open public space and meditation garden. To the West, researchers utilize the strip to cultivate native foods and herbs beneficial to healing. Roussette is largely a vegetarian community due to limited water resources that make raising livestock difficult. However, fenced pens are available on campus for small animals (such as chickens) that support the community and enliven the environment.





The above perspective sketch portrays the market square. Adobe buildings are highly sustainable because of their ability to retain both warm and cold temperatures. In the desert where temperature fluctuations can be extreme adobe is an excellent construction material. Constructing buildings from adobe also creates a local economy, instead of using imported materials such as steel, which would be manufactured somewhere else. The market square is bustling with activity as it is the central heart of Roussette. The market not only provides citizens with goods, it also provides a livelihood for the local farmers who do not have to export their crops for income. Bicycle racks adorn the market as cycling, along with walking, is the main mode of transportation in Roussette. The market is a gathering place for the citizens of Roussette. It promotes community interaction, and kinship.



## Roussette Health Campus Perspective Sketch

The healing center campus combines large research and treatment facilities with residential and agricultural uses. Residential units are available in the adobe compound on the South end of campus. Here, members of the community live and maintain a neighborhood that supports patients and visitors. Patients are welcomed into the community and cared for as guests, thereby improving their healing process. Outdoor ovens, shown to the left of the scene, facilitate community interaction as neighbors come together to prepare and enjoy food. The residential neighborhood connects easily to the agricultural strip and meditation gardens and is accessible to all the healing facilities on campus. Desert earth tones are offset throughout the campus with brightly covered pavement. The building to the left demonstrates how large facades can contribute to a vibrant cityscape and support arts culture by displaying local art.