

# Source



## The Source

The *Spiral* is a sacred symbol that represents the journey and change of life as it unfolds; taking a labyrinth-like passage that leads to Source. The spiral symbol can represent the consciousness of nature beginning from its center expanding outwardly. Spirals have been linked to nature, the seasons, and the path of life: birth, growth, death and reincarnation.

Following symbolism reflects in our proposal for the Lagi Fly Ranch competition. From the narrative side, our ambition was to grasp the ancient context of this magical place and tell its story through our project. Inspired by the primitive language, petroglyphs, that can be found in this region, we proposed our piece of art/infrastructure, the Source.

Spiraling, colorful, earth wall, surrounding a secret orchard and leads to the central water & energy collector. A contemporary, agricultural, desert Hortus Conclusus, where low-tech knowledge mixes with modern technology and ancient art.

## Ancient context



Inspiration taken from the ancient spiral petroglyph that could be found in the Nevada region.



For ones lacator symbol or a water source indication. For the other symbol that represents the journey and change (...)that leads to source.

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## Colours of the Earth



Rammed earth wall as a low impact, natural material that can be easily recycled & dismantled.



For additional effect, each earth layer is pigmented using iron oxide to create amazing, colorful collage.

Iron oxide was used since early humans begins as a pigment in ancient cave paintings.

## Secret Orchard



Plantation of selected fruit trees that grow well in the Nevada desert region. Apples, plums, apricots, mulberries etc. Dwarf, semi-dwarf & espalier ones.



From on side agricultural role and on the other statement of growing orchard oasis in the desert to produce oxygen and absorb CO2.

## Low-tech microclimate



XVI century strategy of growing fruit trees called "fruit walls" an original solution to grow fruit trees in harsh climates.

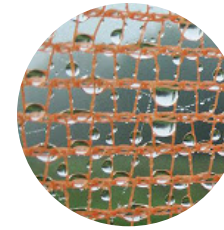


Planted trees were surrounded by thick, protective masonry walls with high thermal mass capabilities. They protected from the wind and stored the heat from the sun to released it at night, creating a microclimate that could increase the temperature during cold nights by more than 10°C.

## Water heart

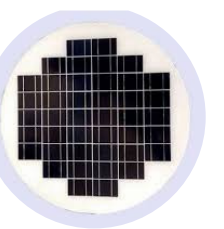


Spiralling gutter, on the top of the wall collects rainwater to the central water tank.



Additionally, net canopy catch some of the rainwater and harvest dew then directs it into the central tank. Later on, the net can be dismantled when the trees grow enough high and will need less watering.

## Energy



Solar panel located on the top of the water tank collects solar energy used for the illumination and vaporized water irrigation system.



Additional produced energy will be stored in a central, portable battery.

