**Wild Compassion**

The future of humanity and this earth and the survival of our species requires a significant transformation of consciousness. We must rise above the past as a collective and embrace love within and outside of ourselves. Love is the essence of who we are and what this planet is, and unless we recover that lost connection and that lost self, then we will have no choice but to continue on the same path of self destruction that we are already on. Our children deserve a future much better than this.

It is with those ideas and deep emotions that we have approached this project. We envision the future of the Fly Ranch to be a place of gathering for people from all over the world to find strength in each other to leave their differences and the past behind and gain new connections and understandings, and leave with a new vision within themselves and for humanity. A vision founded only in love and respect for the self and the collective.

We foresee Fly Ranch to become a place of teaching our youth a different way of being, a different path of existence, one based on acceptance, non-judgment, compassion, and love. We see Fly Ranch as a place where people come to simplify their lives and their thoughts, and leave enriched within themselves with a deep understanding that, as long as there is a deep self love, then all is always well. We see Fly Ranch as a place where people come to remember and re-experience their inner strength and leave with that new found power on a path of love.

It is with those visions that we approached the design of the Temple. The site was chosen due to an energetic experience of a deep, deep pain from the first peoples of the region. It is our intention that the presence of the Temple and the contemplation of love within the Temple would become a conduit for the honoring and the healing of that deep pain.

The Temple is round to allow for the smooth flow of energy. Artists from all over the world will be invited to carve regional figures of their cultures on the rail road ties that will create the wall of the Temple, interspersed with figures of imagined or experienced “other beings” to welcome the future we hold in our hearts for humanity. A future where we have risen above ourselves and have embraced love, have healed our Mother the Earth, and have ascended into the cosmos. A cosmos reflected in the labyrinth outside the Temple in the form of the arms of our Milky Way galaxy.

The entrances to the Temple are from the 4 cardinal directions. Aside from honoring the 4 directions and their inherent spiritual meaning, the entry ways represent the old ways of being. Attendants may leave mementos of their past behind at the walls of the entrances, but no object is to enter the Temple. This is about redirecting one’s power and attention within. Once entered, one will be greeted by a DNA double helix, a symbol for humanity, life, spiraling from the ground through the oculus in the ceiling, to allow the connection between the Earth and the heavens. There is only one exit, facing Black Rock, so that one will remember upon leaving their inner strength to carry their new vision forward.

The spiral will carry geothermal water above the rooftop, where it will cascade over the outside body of the Temple, in time forming a sculptural element from the precipitating minerals, art created by the love of Earth Herself, just as She did with the beautiful geyser at Fly Ranch, which for us is symbolic of the love of our Mother the Earth for us. No matter what humanity has done to Earth, She has still returned that pain with beauty, grace and love. It is that love which we wish to become the foundation for the future of our children and humanity, and we envision Fly Ranch to be that vehicle of transformation and education.

**Geothermal**

***Why Geothermal?***

Geothermal energy, hot water drawn from underground, is ***immediate*** - turn on the spigot. ***Reliable*** - always on. ***Lowest land footprint*** - fewest hectares per kilowatt.

Why geo at ***Fly*** and ***Gerlach?***

Geothermal is ***local*** - and our region has it! Geo has ***low regeneration footprint*** too - at Wild Compassion, our waste geo-chemicals make rock sculpture. ***Geo-is-zero*** for landfills and toxic dumps.

What is the ***potential*** for Burning Man?

We could consider a ***range*** of geothermal ***solutions*** - prototypes and small to mid-scale power and water on Fly and BRS, with large-scale, carbon-credit, revenue-producing options in Gerlach. Geothermal could support research, villages and gatherings at Fly, and incubators, Burner and community facilities in Gerlach.

How could we ***implement*** geothermal?

Step 1 - ***Exploration***, 2021. Learn where aquifers are, and could we tap adequate hot water resources while maintaining environmental equilibrium?

Step 2 - ***Prototype***, 2021. Working scale-model bench-top testing for LAGI. If you only counted materials, it’s less than $15K. Include real labor costs - design, engineering, construction - plus expenses, add a zero.

Step 3 - ***Pilot***, 2022. Small-scale testing: power and water to run all BRS operations going forward, possibly from the old well. Provide people-water for drinking, bathing, cooking, waste. Generate electricity with binary geothermal. Tests will yield solid data for proof-of-concept and return-on-investment.

Step 4 - ***Operations***, 2023? Mid-size geothermal plus carbon sequestration, Fly and Gerlach. 10x of the Pilot’s supply capacity. Add food, irrigation, aquaponics. Add villages, shelter, heating, cooling. Extract CO2 from the atmosphere for a working fluid, improving geothermal efficiency and economics.

Step 5 - ***Scale***, 2025? Grow incrementally with modular geothermal/CO2 units, Gerlach. Match supply and demand. Gift, donate, trade, or sell, excess power. Increase revenue from carbon-sequestration credits. After that, it’s hard to predict without full Exploration data, but our initial models showed positive ROI’s and NPV’s.

How do we ***protect*** the fragile ***environment***?

The geothermal exploration team will pioneer Fly’s no-impact LNT research approach. Our seismological model first will compile additional data, narrowing in on the aquifers by progressively collecting more data, with scanning, passive geophones and pinpoint source testing. Every research point will be 100% restored. Production will continue the no-impact approach.

How could we use the ***old well*** for the Pilot?

Our 2020 research indicated good geothermal potential from the 1979 Holland test well, at the far North end of Fly, 40° 51' 59.2601" N, 119° 19' 54.9987" W. It was plugged and land restored, but may be able to be re-purposed. If not, nearby areas could have adequate geothermal for BRS.

How will geothermal serve our ***community***?

At scale, geothermal can provide low cost energy and water. Perhaps geo, solar wind could be interconnected to manage continuous and peak loads from Gerlach through Empire, Nixon, and Pyramid Lake - call it a “Local Group?”

Finally, we will ***gift*** ***knowledge***. Here on Hualapai Flat, Burning Man and LAGI will continue our geothermal research, experiment with improving prototypes, and freely give that knowledge to our global communities.

**Panta Rehi**

“Change is constant,” said Heraclitus. His philosophy, Panta Rehi, everything flows, concluded that to survive, humans must be ***flexible***. That’s a good land-use planning principle for Fly and Gerlach.

In ***2021***, for our project implementation success, we should first develop a comprehensive ***Design Brief***, followed by a detailed physical ***Master Plan,*** concurrently continuing our ***Environmental Research.***

***Consensus planning*** will create the Design Brief. Consensus equals ***inclusion*** - Burning Man, LAGI, stakeholders, community - who should brainstorm and agree on Fly and 360 concepts and priorities, with realistic budgets and schedules.

For LAGI, we expanded the Design Brief to include a ***Village*** for ***100 people*** for a long weekend of gathering activities, e.g. a BWB disaster-relief maker-workshop. Three Camps within the Village would house experimental Shelters, everything geothermally-powered.

Recognizing that larger gatherings may be desirable, we considered how to create a place for up to ***1,000 people?*** Since we need to clean up our decades-old MOOP ASAP, perhaps over the site of the ’97 Burn we could rebuild a ***Non-thing,*** a gathering place, a 21st-century Althing for Non’s: Non-profits, Non-governments, Non-essentials ..…?

And we must continuously research our environment to understand all life in the desert, to refine the available land areas for specific human activities for Master Planning. And that may change - for example, what if the geothermal aquifer declines? ***Human impact must remain below the carrying capacity of the land.***

Our Master Plan should look out 150 years, following the wisdom of Chief Seattle: ***“Plan for Seven Generations.”*** Our Master Plan should flexibly flow.

**Environmental Impact Statement**

Beyond providing clean, reliable, economical energy and water, beyond LNT, geothermal’s goal is to ***Leave a Positive Trace***. As previously noted, Geo-is-Zero for landfills and toxic wastes. Reduce human impact. Reduce footprint on the land. Fence each footprint. Connect footprints with delicate links across protected zones. Reconsider places of human impact as if they were a ***string of pearls***, our gift to Mother Nature.

Since Mother ***Earth*** is our source of energy, geothermal will pay particular attention to the ground and ensure that Her soil is fertile for all life. Any previous contamination should be remediated so no toxic chemicals or fertilizers remain.

With respect to the ***Air*** - geo-air is very breathable, no particulates or poisons, only water vapor wisps on winter mornings. By controlling our equipment emissions, transmissions and vibrations, light and sound pollution will be eliminated. Perhaps again, the animals of our habitat will hear quiet, see the Milky Way.

It wouldn’t be Burning Man without ***Fire***. Geo-tech plus carbon sequestration will allow us to offset all the CO2 annually that the Burn burns. To be socially-responsible, we should continue to sequester all the cumulative CO2 previously produced by Burning Man since 1986.

***Water*** is our medium, geothermal’s lifeblood. We will continuously monitor water quality, build aquifer recharge zones to keep them replenished, retract so watersheds flow more naturally, and make sure seasonal lakes clean for the Playa Fairy Shrimp! All life depends on water.

Over a hundred years, in the Temple of Wild Compassion, our geo-waste will make art. We propose that then, when our geo-technology is obsolete, our utilities systems will be dismantled and decommissioned. The old railroad ties will be burned, collapsing the wood structure, leaving a boulder meadow, a kaleidoscope of geo-thermal rocks, to be eroded over the eons by Mother Nature.

The climate will continue to warm, but someday the glacial cycle may reverse again, ice sheets descending from the North. Lake Lahontan may return. The desert may once more become tundra. We may survive til then, if we learn now, the wisdom of the environment from the Cui-ui who lived there, and all our First Peoples - ***plan for 7 Generations.***