**FLY RANCH-LAGI 2020**

**PROLOGUE**

The main approach of this design task is divided into various stages of a user’s journey. The journey is been compartmentalized into different spatial pockets, where the main protagonist is played by the site.

**SOLIOQUY - CONCEPT**

An act of speaking one’s thought aloud when by oneself or regardless of nay hearers, especially by a character in a play. In the above lines the whole narration of the art and the design aspects of the fly ranch will navigate.

**A DESIGN SOLILOQUY**

AN ODE TO HUMAN EMOTIONS

THE DESIGN JOURNEY

***“Navigate the emotions of the users and create a spatial map”***

**THE SITE-A MUTE WITNESS OF TIME**

**SITE DYNAMICS**-Topography-Tangible & Intangible factors-physical conditions-objective & subjective parameters: These criteria had given a new design approach

The following are the parameters set to understand the site

* Understanding the site with its complex issues and advantages
* Modeling the site as per the requirements for the design
* Transforming the site into the desired design outcome.

**DESIGN OBJECTIVES CAN BE AS FOLLOWS:**

1. Initial design of the urban art structures and opening up the area to the surrounding area.

2. Connecting the existing facilities to it

3. Renewable energy generation & linking through intelligent systems.

4. SITE: Physical conditions –Geology terrain-Mapping-Site strategy TO CONNECT THIS TO THE EMOTIONAL REACTION OF THE USERS, taking into consideration- HISTORY PAST & PRESENT.

**SETTING THE PRIORITIES**

1. DESIGN –Should have the scope for interpretation & adjustment for change in the future.

2. URBAN CURATION & ORCHESTRATION OF VARIOUS DESIGN ELEMENTS

3. IDENTIFICATION OF THE POTENTIAL SCENARIOS

4. MINI SCENARIOS- The parameters that are considered while designing the overall masterplan of the fly ranch.

5. SITE ANALYSIS –Feasibility of the terrain to accommodate the design requirements.

**DESIGN REQUIREMENTS:**

* FLYRANCH-HAS THE BELOW MENTIONED REQUIREMENTS
* TEMPORARY ART & SHELTER PROJECTS
* EXPERIMENTATION OF THE DESIGN
* FEASIBILITY AND EXPLORING THE POSSIBILITIES OF NEW WAYS OF LIVING.
* PROJECT ROAD MAP FOR THE NEXT 5 OR 10 YEARS
* ART IN PUBLIC SQUARE & A SUSTAINABLE INFRASTRUCTURE.

**TO PROPOSE A REGENERATIVE DESIGN FOR THE EXISTING LANDSCAPE**

**THE FLYRANCH DESIGN POCKETS ARE DIVIDED INTO**

**NORTH FLYRANCH**

N1, N2, N3, N4, N5 & N6

**MIDDLE FLY RANCH**

M1, M2, M3 AND M4

**SOUTH FLYRANCH**

S1, S2, S3, S4 AND S5

**NORTH FLY RANCH**

The design pockets are developed as

**N1 -AN ENERGY INCUBATOR”**

**THE WAND**erer

Design of wind turbine systems to tap wind and solar energy-To make the pockets as a way finding tool for the rest of the fly ranch-The design application is applied in various aspects-Replicable energy models that can be distributed anywhere in the fly ranch model. The energy incubator called WANDer- Use of bladeless wind turbines symbolizing wand like appearance.

**N2- TEMPORARY GATHERIG SPACE-“THE BECKON”**

To host informal events-MINMALISM-BLOBITECTURE-ENERGY GENERATIVE DESIGN –Halogen balloons-Hoisting techniques with adjustable heights –SHADING & TYPE OF PERFORMANCE

**N3- DESERT ART SCULPTURE – HUALAPAI MAN**

INSPIRED FROM THE POEM **OZYMANDIAS**- The head of the sculpture symbolizing the Hualapai tribe-The emphasis to the fly ranch and mute witness of time-information centre and Hualapai virtual tour museum-Mute Symbolism-Testimony to time

**HEAD**-symbolizing the Hualapai –Viewing tower at top-Through the eyes looking the fly ranch-Also houses Visitor Information centre-Semi basement-History & culture of the Hualapai tribe-Chronological order

**N4-AN EVENT VENUE-THE CLOAK**

TORSO-Flexible space-Tensegrity structural design-Free standing planes –Mast support roof system-Temporary structure-Rain water collection and storage-Geometry & profile of the roof systems can be modified-Morphologically modified.

**N4- AN ART SPACE-BURNING MAN & HUALAPAI ART MUSEUM**

Exhibition Pavilion-Open+Semicovered+Closed-**FLEXIBLE SPACES**

Symbolizing the feet and the pedestal-Dynamic surfaces act as a projection Surfaces

**N5-DESERT ART INSTALLATION -THE DANDELLION**

A strong symbolism -a tribute to the journey lies ahead and the faith of the burning man tradition.

**MIDDLE FLY RANCH**

M1, M2, M3,M4 AND M5

**M1 & M3 –BOTANICAL GARDEN “THE EDEN”**

CONSERVE THE LOCAL FAUNA & FLORA

A botanical garden & a green house to nurture the indigenous plant species and a reptile garden and a visitor zoo. Hybrid plants and sustainable garden techniques to promote the food supply chain to the fly ranch

Rain water savings-solar energy-Drinking water tapping-Daytime & Nighttime energy consumption provisions- Passive Heating & cooling Techniques

WATER SEER-37Litres of clean drinking water by a small turbine-Catwalk bridge connecting the two parcels of the botanical garden on the two parcels M1 and M3

**M2-ENERGY INCUBATORS**

Design of wind turbine systems to tap wind and solar energy-To make the pockets as a way finding tool for the rest of the fly ranch-To propose energy savings module like N1 &N2.

**M4- “THE HALO”**

THE HEALING CENTRE & A SITE FOR INTERACTIVE TEACHING AND LEARNING

Design of wind turbine systems to tap wind and solar energy-To make the pockets as a way finding tool for the rest of the fly ranch-Solstice gathering space-Learning centre-Shipping container spaces-Blobitecture roof systems and a brutalist structural components –Flexible spaces.

Meditation centre for solstice events and viewing decks overlooking the Hualapai flat terrain

Huge gathering semi covered gathering areas-Modified as per the spatial requirements.

**M5- A SUSTAINABLE MODEL FOR COMMUNAL LIVING- THE CACTUS**

A community experimental housing-Shipping containers-Energy incubators-Energy savings-self sustainable housing solutions –Visitor stay cabins

BIOMIMICRY INSPIRED DESIGN-CACTUS

Easily replicable & prefabricated structural systems with shipping containers are smartly placed in the slots. Stacked as per the requirements. Wind turbines as a major energy source for each unit.

WATERSEER TECHNOLOGY:

WaterSeer is a low-tech, low-cost atmospheric water condenser that could help create water self-sufficiency in communities around the world

**SOUTH FLYRANCH**

S1, S2, S3, S4 AND S5

**S1- A SUSTAINABLE MODEL FOR COMMUNAL LIVING- THE CACTUS**

A community experimental housing-Shipping containers-Energy incubators-Energy savings-self sustainable housing solutions –Visitor stay cabins

**S1- A SUSTAINABLE MODEL FOR COMMUNAL LIVING- THE BLOB**

An individual caravan like bubbles/pods-BLOBS

Fully self sustainable energy efficient features sufficient to give a comfortable shelter to a burning man enthusiast .The form follows different function during the different types of the day & night. They are fitted to any bike or a four wheeler for the purpose of mobility.

**S2- THE BURNING MAN MONUMENT-THE TRANSCENDENCE**

Transcendence comes from the Latin prefix trans-, meaning "beyond," and the word scandare, meaning "to climb." When you achieve transcendence, you have gone beyond ordinary limitations.

To uplift the burning man monument spirit after the global pandemic-A strong message to the entire human hope.

A huge sculpture symbolizing the Hualapai man with free flying thin non tearable membrane like sheets.

**THE SPIDEY**- A huge art sculpture installations throughout the S1 range symbolizing spider. Assembled from discarded aircraft turbine engines.

**S4- THE BURNING MAN LABORATORY & MAKER SPACE -THE BARN**

The maker space – An attempt for experimentation of sculptures & experimental community housing methods-Arena with innovative energy efficient techniques –Huge platforms for hoisting & workable solutions for large scale ideas.

The burning man laboratory-A think tank for all the innovators for knowledge sharing.

**S5- A SUSTAINABLE MODEL FOR COMMUNAL LIVING- THE EGGS**

A community experimental housing-Instant Ego-Energy incubators-Energy savings-self sustainable housing solutions –Compact & flexible design solutions for a comfortable stay for visitors during the burning man festival.

The design inspiration from the package ideas of eggs. Crate like structures house a bubble unit with a perfect storage & working areas - a Washroom area with fully energy operable techniques.

**CONCLUSION**

The above design proposals are the perspectives or ideas that can be developed towards the final stages of the Fly ranch master plan. The energy consumption and management is in every stage of the design development, so specified calculations of an energy audit can be systematically done when required. However the design can encompass a scope for interpretation & adjustment for change in the future.

As stated in the design brief a powerful statement from the astrophysicist Carl Sagan as goes like:

*The Earth is the only world known so far to harbor life. There is nowhere else, at least in the near future, to which our species could migrate. Visit, yes. Settle, not yet. Like it or not, for the moment the Earth is where we make our stand*