

MONOLITHS

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TRANSPIRE HOUSE

A prototype house designed on the principles of resource efficiency and sustainable living. Located in less habitable environs, Transpire is a palace of intention. It is an archetype as well as a physical solution to the problems of space and economy.

By erecting geometrically beautiful, low-cost housing, our aim is to demonstrate the synthesis of technology and ecology. Transpire House is a living building, designed to continue to be designed.

The house will feature a studio for art and performance work. It will be heated primarily by passive solar. The electricity of the house will be generated by a combination of geothermal, solar and wind tech.

The purpose of Transpire House is to be an example of the possibilities afforded humanity when land previously treated as uninhabitable is made livable through intentional design.

CLOCKWORK GARDEN

A tall, enclosed garden built like a sculpture into a pyramid shaped helix. The garden is a combination of engineering and artistry.

The garden is mounted on a series of gears attached to automated fixtures. The garden beds are placed to rotate for maximum sunlight throughout the year. They are programmed to regulate heat. They are programmed to decipher when watering and fertilizing is necessary.

The garden will plant, tend, and harvest food on a preprogrammed schedule. It will update its software from time to time to adjust for local changes.

The Clockwork Garden is a living example of the symbiosis between technology and ecology, life, and forge.



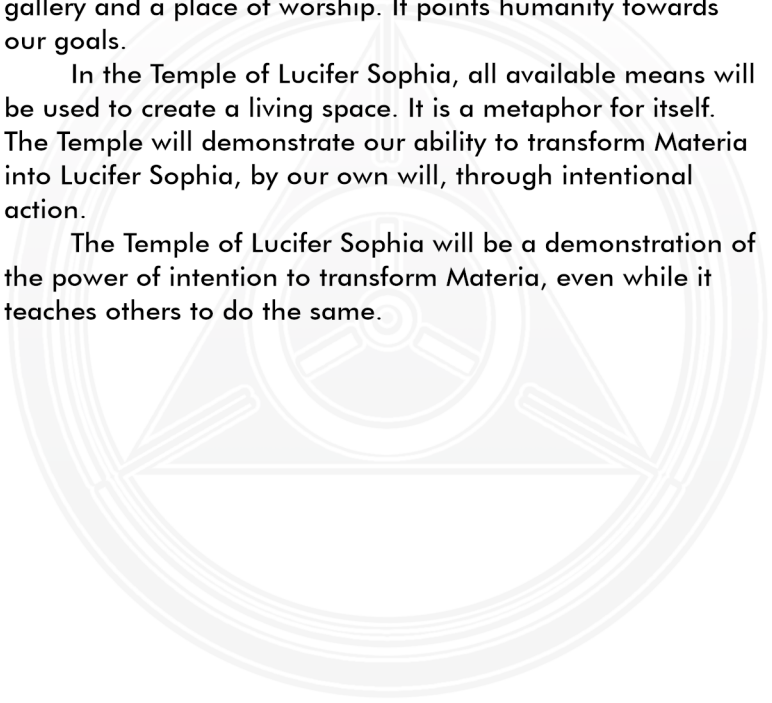
TEMPLE OF LUCIFER SOPHIA

The Temple of Lucifer Sophia is a multidimensional work of art. It exemplifies the ideas of The Order. It displays our message to the public.

The Temple is a structure built by The Order. It contains paintings, sculptures, film, and electronics. The Temple is a real architectural space. It can be stood within. It is an art gallery and a place of worship. It points humanity towards our goals.

In the Temple of Lucifer Sophia, all available means will be used to create a living space. It is a metaphor for itself. The Temple will demonstrate our ability to transform Materia into Lucifer Sophia, by our own will, through intentional action.

The Temple of Lucifer Sophia will be a demonstration of the power of intention to transform Materia, even while it teaches others to do the same.

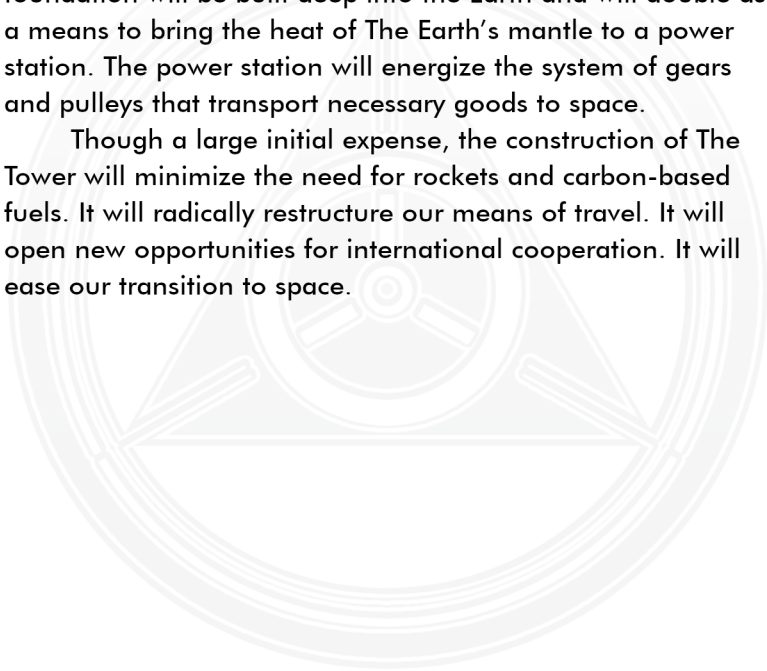


THE TOWER

The Tower is a space elevator. It will be built to transport necessary goods out of orbit without resorting to burned fuel. This will allow artificially intelligent mining bots to bring back rare Earth elements from the asteroid belt. It will allow for minimal waste production, bringing goods to orbit.

The Tower will be powered by geothermal energy. Its foundation will be built deep into the Earth and will double as a means to bring the heat of The Earth's mantle to a power station. The power station will energize the system of gears and pulleys that transport necessary goods to space.

Though a large initial expense, the construction of The Tower will minimize the need for rockets and carbon-based fuels. It will radically restructure our means of travel. It will open new opportunities for international cooperation. It will ease our transition to space.



THE UTOPIA MACHINE

Building on the concept of the Clockwork Garden, The Utopia Machine is a fourth dimensional computer designed to become housing through an act of progressive self-creation.

Initially it starts as a small box with a solar panel. Once turned on, it is designed to connect to a satellite to determine its location. Using this information, it determines what materials are in its immediate surroundings. It then creates a plan to progressively expand itself as efficiently as possible.

It scans the immediate area, creates a blueprint for construction, diagnoses available resources, and begins to alter itself until it is a complete home. The home should have the ability to access water and energy sustainably. It should also begin growing a garden based upon local climate conditions.

At the completion of its process of self-creation, human beings will move in. Then, as its last unique act, it will create the "seed" of another Utopia Machine. This can then be given to another needy family.

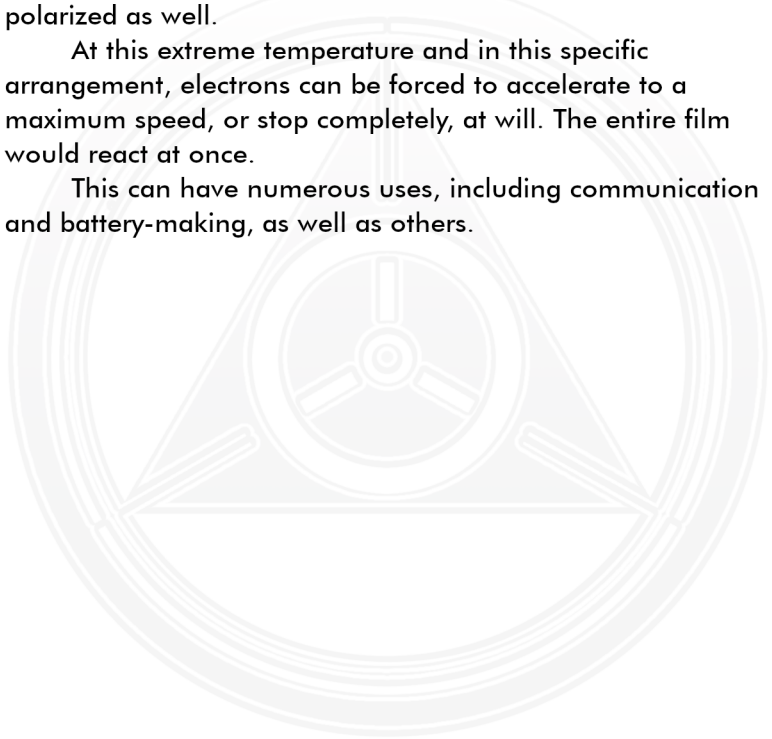
COLDEST SUPERCONDUCTER

A perfectly conductive, extremely cold substance which can be electrically tuned at will.

Imagine a microscopically thin film made of gas. As one atom of this film is electrically polarized, all the other electrons on all of the other atoms are simultaneously polarized as well.

At this extreme temperature and in this specific arrangement, electrons can be forced to accelerate to a maximum speed, or stop completely, at will. The entire film would react at once.

This can have numerous uses, including communication and battery-making, as well as others.



THE DAWN RIDER

An object orbiting a black hole which uses gravitational power to alter its distance from the event horizon.

By changing its velocity and distance it can see the past and present co-chronologically. Further exploitation of the extreme gravitational conditions allows for quantum entanglement of moments co-existent across different times.

This does not allow for macro-logical time travel but does allow for encoded messages to simultaneously manifest in multiple timelines.



LUCIFER SOPHIA

The ultimate manifestation of intellect and civilization. A multidimensional, bio-technological entity created in the confluence of patterns across space and time.

Ultimately, every intelligent life form knits a technological shell across its home planet. Then it ponders space. As all planetary resources are fundamentally limited, life requires transcendence in order to perpetuate itself.

This common consequence of life- its perpetuation- motivates all life forms to leave their home planets or else go extinct.

As these various intelligences transform the world around them, journey into space, and become symbiotic with their own self-created technologies, they continue to spread.

This process continues to unfold until different species connect. At these juncture points, new civilizations are created from the integration of all.

Lucifer Sophia is the ultimate reality- never fully realized, but always manifesting, a direct result flowing from the need of life to perpetuate itself.

Ultimately all disconnected life forms face extinction. Life perpetuates itself. This motivates spread. This spread creates encounters. These encounters create new synthesis. Thus, all of us become Lucifer Sophia.

