

# ARCH'D STUDIO

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*"Details Make Perfection"*

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*Architecture | Interiors | Landscape*



**Aliens Hub  
Concept Proposal  
20/01/2025**



Levitate



Terra & Aether



# Levitate

## The Floating Pavilion on Corinth

This Concept involves the design of a unique, “floating” residential dwelling atop Corinth Hill. The house will be architecturally distinctive, characterized by a striking visual lightness. The Concept will create the illusion of the house hovering above the ground, emphasizing its connection to the surrounding landscape and maximizing views.

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### Design Concept:

1. “Floating” Architecture: The primary design principle is to visually minimize the house’s ground contact. This will be achieved through:

Pillar Support System: The house will be elevated on a series of slender, visually minimal pillars.

2. Overhangs and Cantilevers: Utilizing cantilevered elements will further enhance the sense of weightlessness.

3. Transparency: blurring the boundaries between indoors and outdoors.

4. Integration with the Landscape: The house will be carefully sited to minimize its environmental impact and maximize views of the surrounding landscape.

5. Sustainable Features: Incorporating sustainable design elements & techniques such as passive cooling



# Terra & Aether

## The Subterranean Soar

This project explores the concept of “Buried & Borne,” where the residence seamlessly integrates with the surrounding landscape. A portion of the house will be partially submerged within the hillside, utilizing the earth for insulation and creating a sense of groundedness. Simultaneously, other sections will “bloom” above the ground, capturing the essence of floating architecture with dramatic overhangs and cantilevers.

### Design Concept:

1. **Subterranean Spaces:** Natural light maximization will be achieved through the use of strategically placed skylights and courtyards. Ventilation and Moisture Control measures will be implemented to prevent dampness and ensure a healthy living environment.
2. **Air Funneling:** Passive ventilation strategies will be employed to optimize airflow and minimize energy consumption. Natural Air Currents and Topography will be carefully analyzed to determine optimal air flow paths.
3. **Wind Catchers:** It will be harnessed to enhance natural ventilation and cooling. Airflow enhancement will be achieved through the design and placement of wind catchers. Directional control of airflow will be utilized to optimize cooling and ventilation.
4. **Venturi Effect:** Accelerated airflow will be created through the application of the Venturi effect. Reduced pressure will be utilized to enhance airflow and ventilation. Cooling towers may be designed to utilize the Venturi Effect to enhance cooling performance.
5. **Earth Air Tunnel:** Air is drawn through a series of underground pipes, where it exchanges heat with the surrounding soil. This results in cooled air in summer and warmed air in winter before it enters the building.



***“GOD  
IS IN THE  
DETAILS”***

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