

Hex Cave

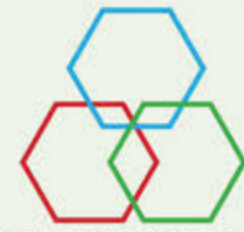
Escape the noise, embrace the calm,
Transform any space into a private oasis

The HexCave is an innovative meeting space designed to effectively manage the mixture of incoming sound and minimize distractions commonly experienced in open office environments. By creating a space where teams can collaborate with fewer disruptions, the HexCave promotes more productive and effective meetings in a hybrid office setting.

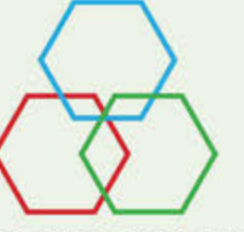
Its unique design diffuses and disperses sound, allowing for clearer communication and a more engaging meeting experience.



ACOUSTICS



VISUAL PRIVACY



OFFICE NOISE

Open office layouts often suffer from increased noise levels due to multiple conversations and activities taking place simultaneously. Excessive background noise can negatively impact online meetings by making it difficult for participants to hear and understand each other. Implementing effective noise control measures, such as sound-absorbing materials, acoustic panels, and ceiling treatments, can help reduce reverberation and background noise, improving speech clarity during any meetings.

HEALTH

Exposure to office noise has a detrimental effect on performance and health of workers, which in turn has a negative impact on an organisation efficiency. The balance between the need to communicate, the need for privacy and the ability to concentrate need to be managed. Incorporating biophilic design in an office environment can help employees develop a stronger connection with nature. This connection has been shown to have various positive effects on mental health, including reduced stress levels, increased creativity, and improved overall well-being.

CONFLICT

10x as many occupants complained about the noise in large open plan offices as they did in cellular offices 60% complaints of noise in open plan 6% complaints of noise in cellular offices.

SHAPE

In addition to visual privacy, the concave shapes can also help with acoustic privacy. The curved surfaces can help absorb or deflect sound waves, reducing the amount of sound between spaces. This can be beneficial in environments where privacy is desired not only visually but also in terms of preventing sensitive and confidential information being spread around the office

AWARENESS

People are very aware of movement in their peripheral view whether that is a person walking across the room or a small insect moving across the table which they can notice from the corner of their eye. Creating a direct visual block, it can limit the amount of distractions faced.

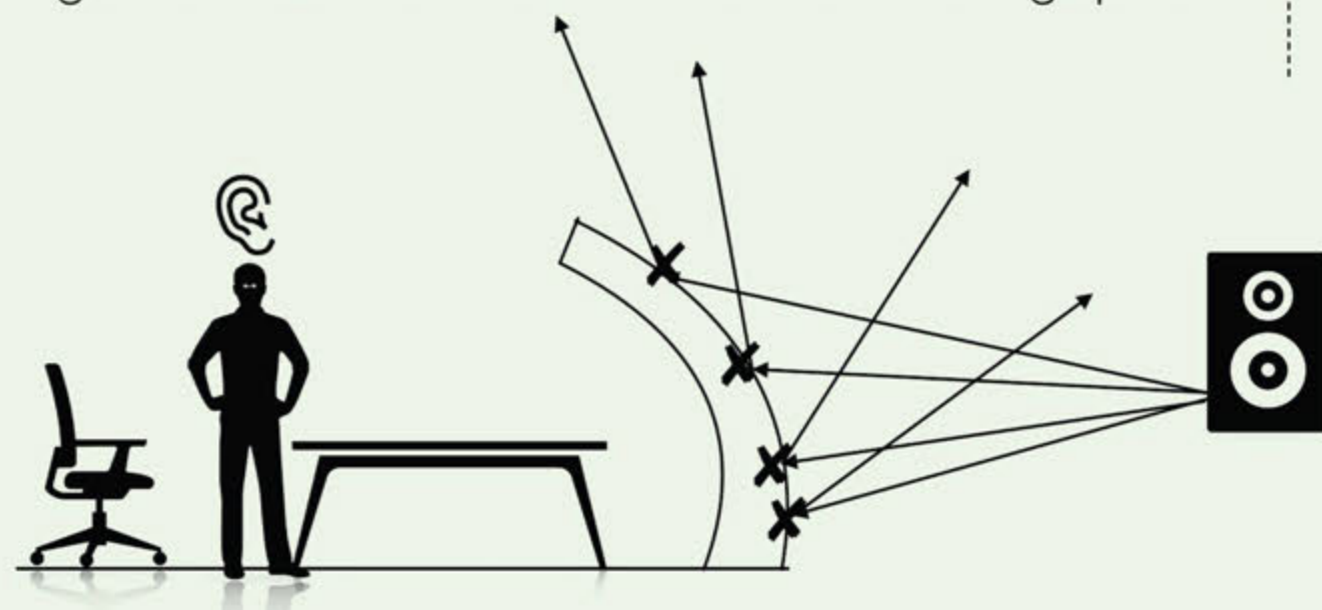
Looking at a general circulation of movement of people in an office, one of the high distractions occur when people walk in and out of rooms. By obstructing the direct line of sight this can reduce the amount of distractions, however you still want to maintain some visual awareness.

SPEECH

In an open office environment, privacy can be a concern during online meetings. Conversations and discussions happening nearby can create distractions and compromise the confidentiality of sensitive information. During important phone calls people tend to move away from crowded areas and they may seek more private areas.

SHAPE

The concave shape can shield these areas from being easily seen by others in the vicinity, making it more difficult for others to observe them. Along with the concave shape, a perforated opening would allow space for people who would like a level of privacy without the feel of complete isolation, with the visual awareness of others around.





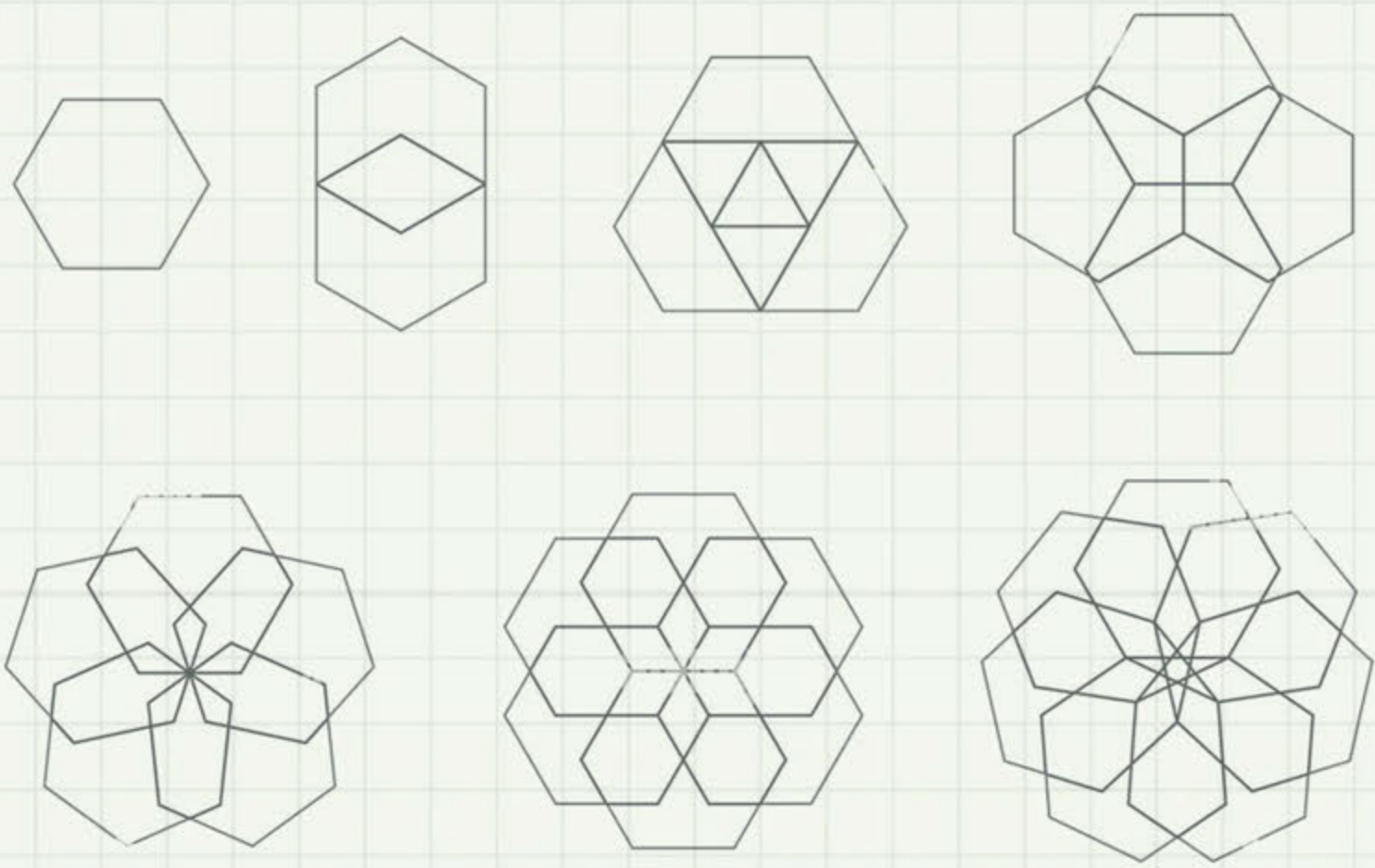
HEX CAVE

Components

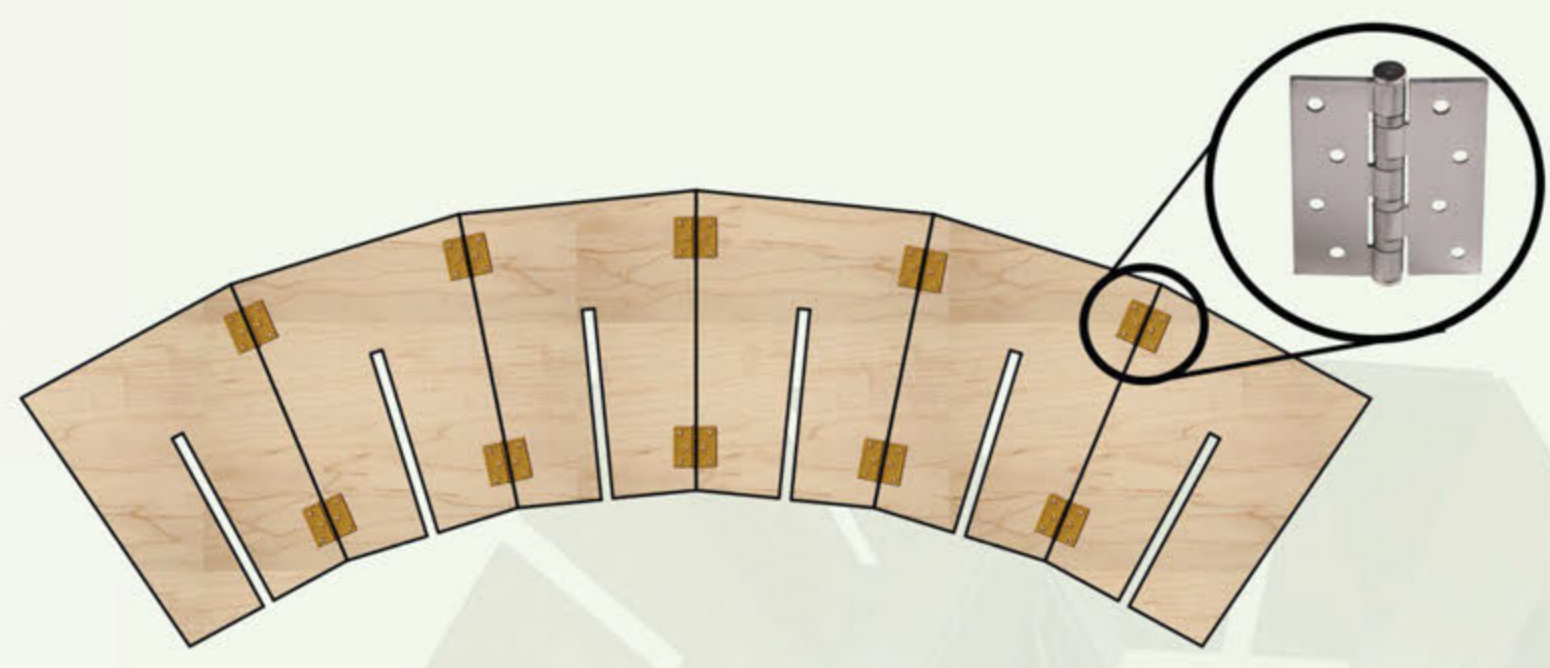
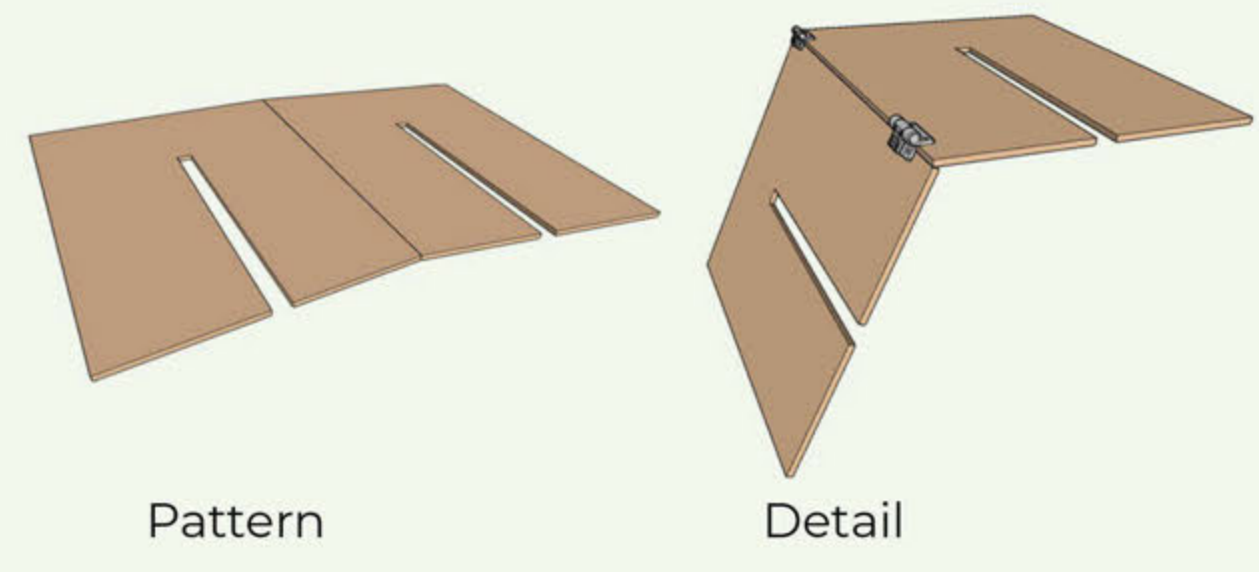
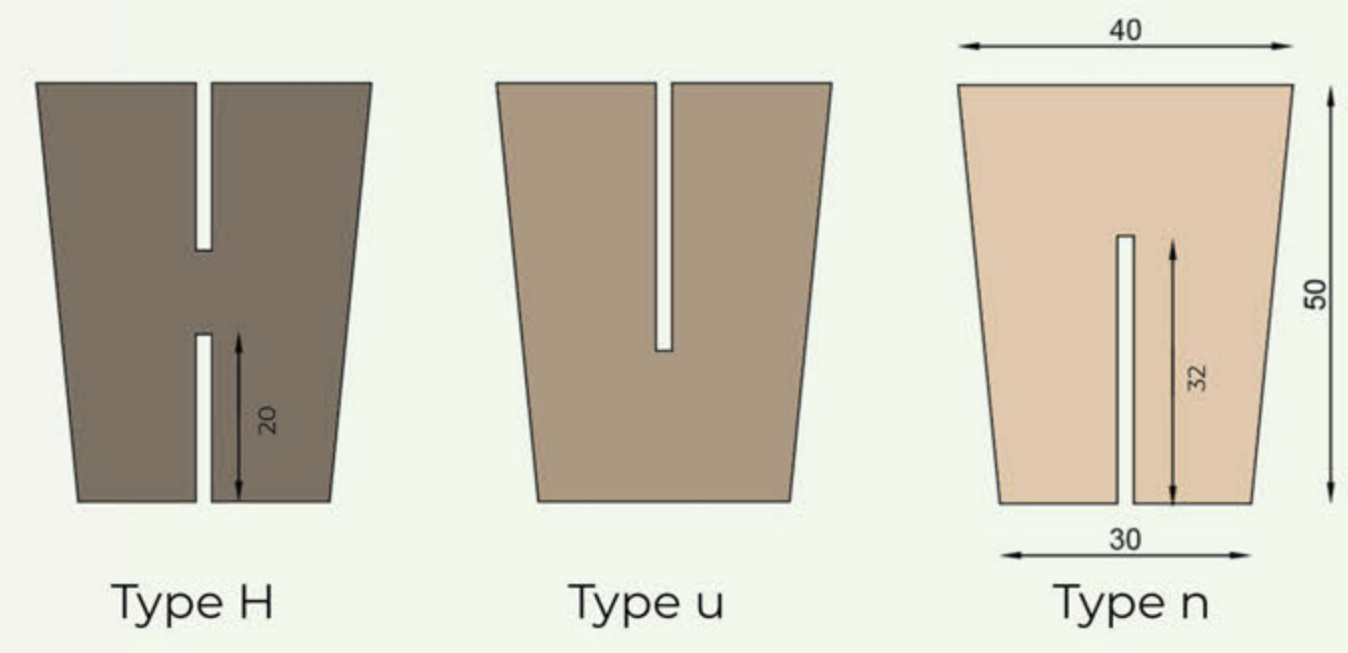
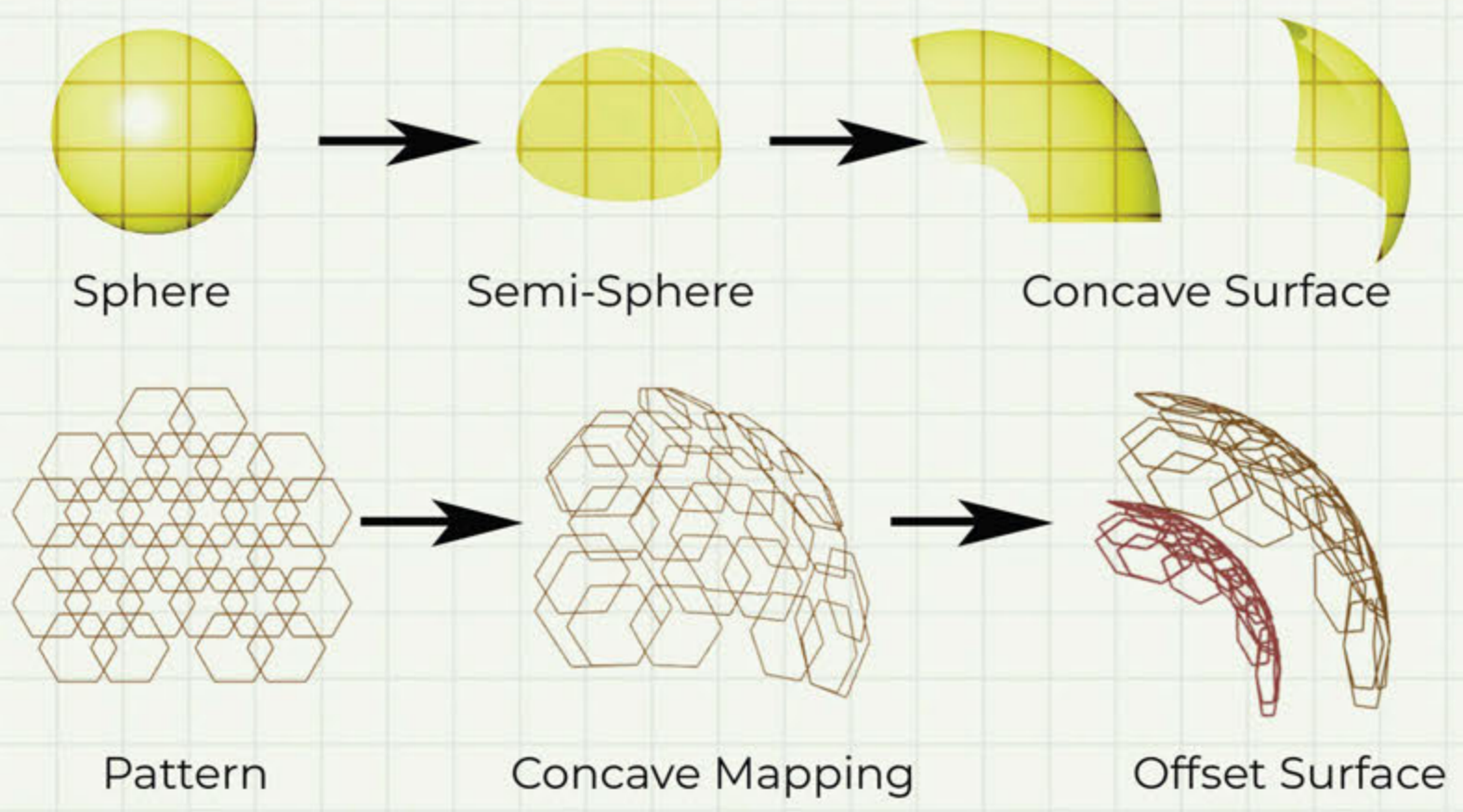
Hexagon Entity



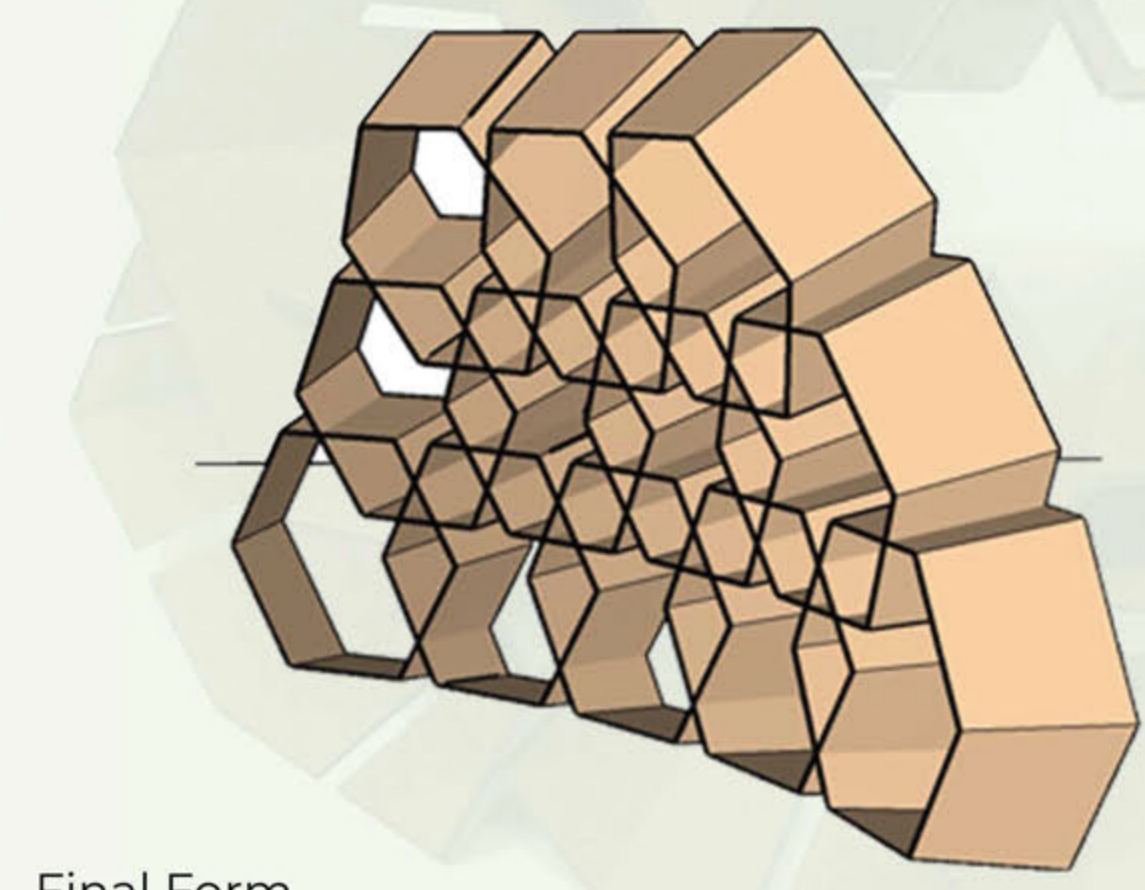
Geometry Investigation



Pattern Development



Surface Formaton With Joints



Final Form





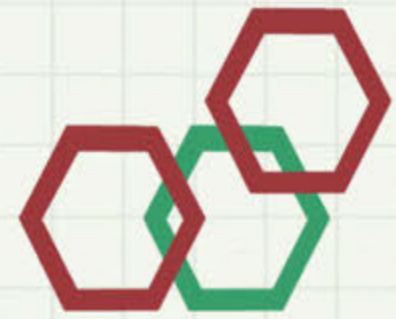
HEX CAVE

Assembly Process

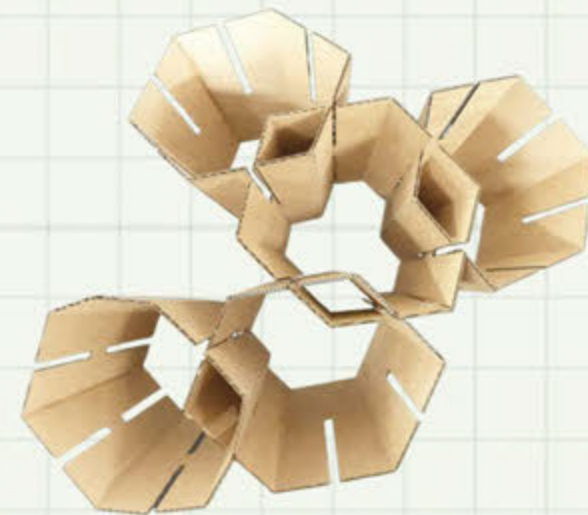
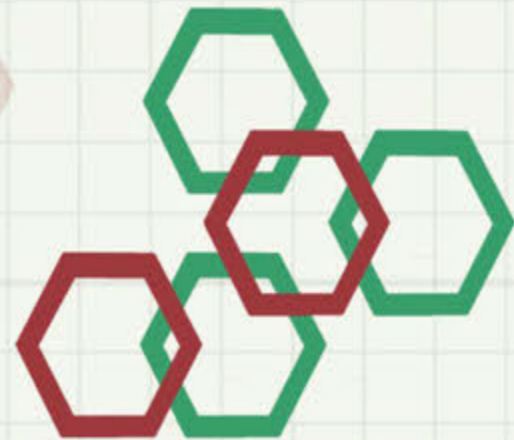
Order of integration



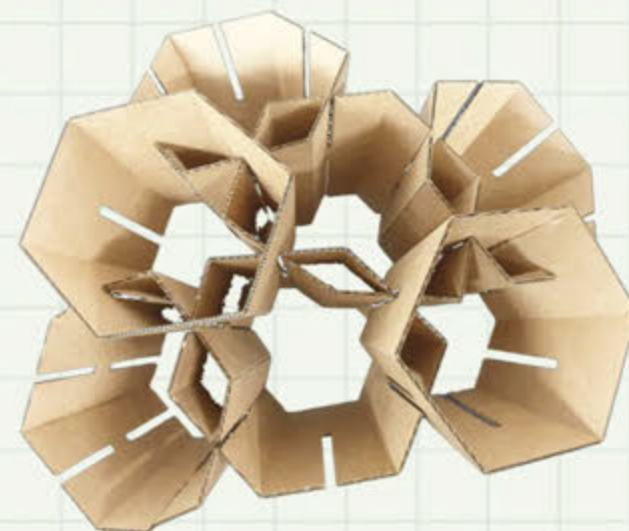
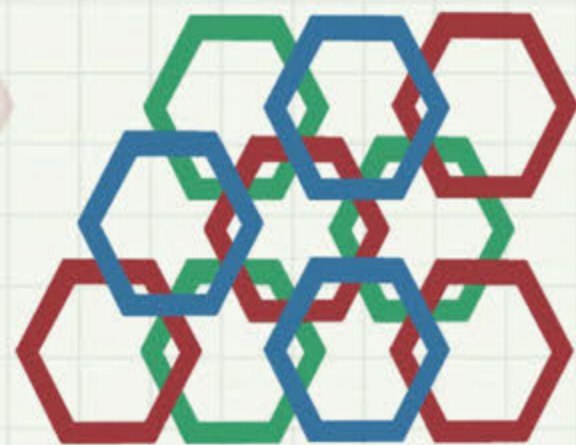
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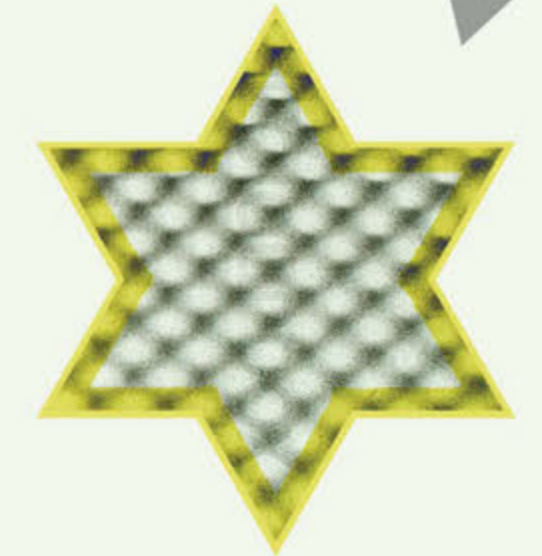
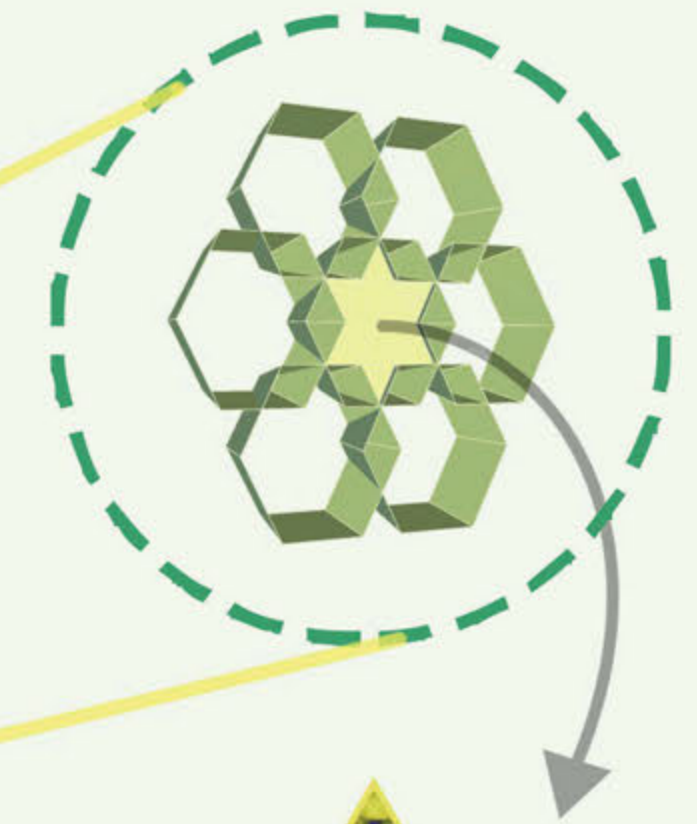
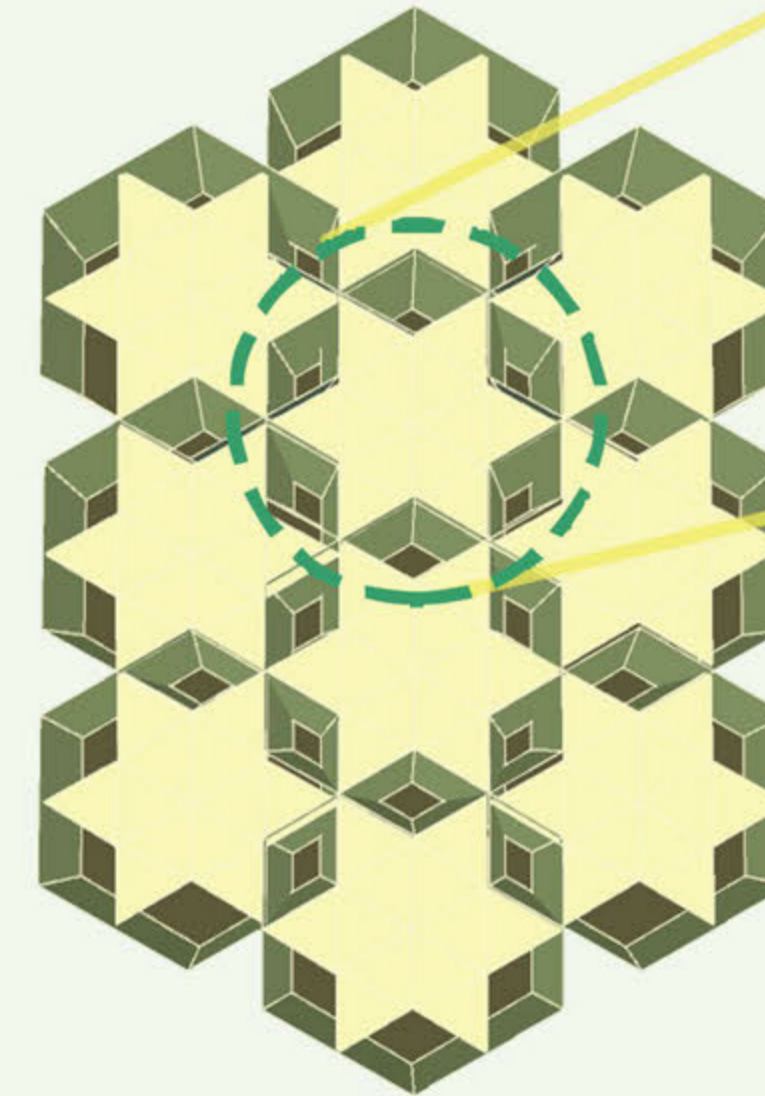
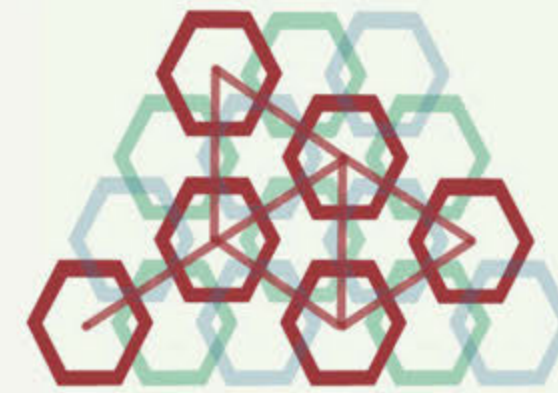


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Pattern to consider

Acoustic Panels Integration

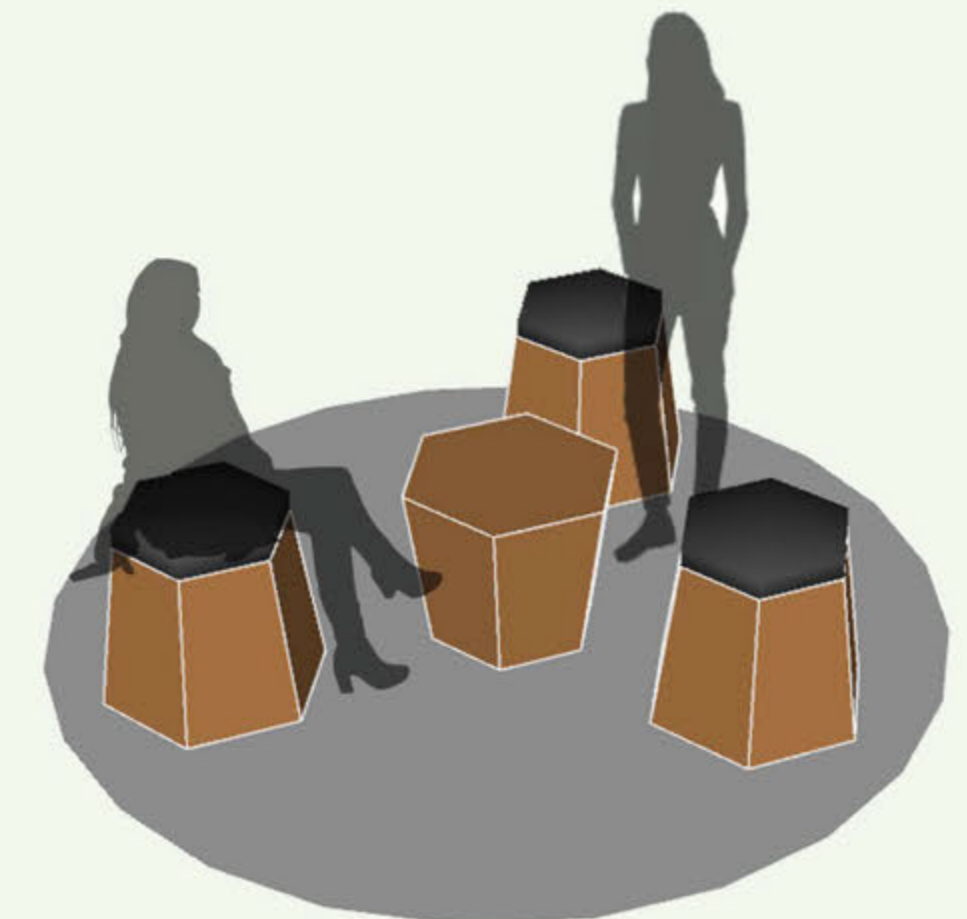


Sound Absorption Property

Application of A Hexagon Entity



Discover the versatility of modular office furniture, where comfort meets functionality. As individual components, they serve as stylish lounge furniture, perfect for relaxation and informal settings. When assembled, these components seamlessly combine to enhance visual privacy and improve sound acoustics, creating an optimal work environment. Embrace the flexibility of modular office furniture and elevate your workspace with its adaptable design and aesthetic appeal.





HEX CAVE

Final Design

