

CHRYsalis 21A2YAHŌ



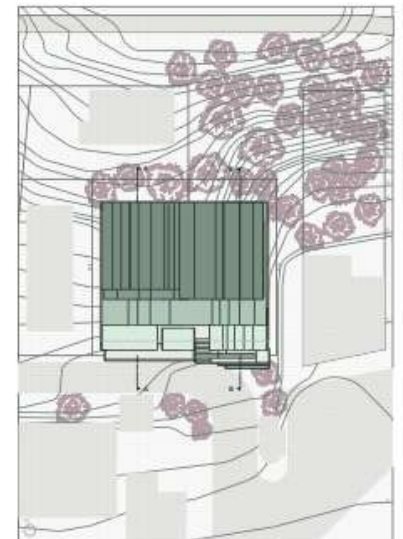
CONCEPT STATEMENT

EXPERIENTIAL COHESION

Based on "Experiential Cohesion," Chrysalis draws heavily from Indigenous Australian art and the idea of "Country" to create a cohesive experience that inspires connection via space. The structure, which combines form and function to create meaningful interactions, is a symbol of transition and is situated immediately off Murwillumbah's main street. In order to foster a sense of cohesion and belonging, the design draws inspiration from Indigenous perspectives on Country, which emphasize reverence for the land and its legends. The program is covered by a fly-over roof, which gives it an airy, light, and liberating vibe. The "paint" for the design is made of materials like galvanized steel, brick, timber flooring, polycarbonate windows, and timber slats, which were influenced by Glenn Murcutt's work and Australian vernacular. With each material reflecting the natural environment and cultural background, these tactile and sensory elements represent the strong connection to Country. The flowing narratives of Indigenous art are echoed by the smooth transitions between spaces created by operable bi-fold doors and connecting gaps. Reimagining conventional spatial usage, seamlessly interwoven connecting zones promote continuity, community, and a strong sense of belonging.

"CHRYsalis"

The stage of a butterfly's life cycle where it changes from a caterpillar to an adult is called a chrysalis. It alludes to the space, the protective shell in which the transformation takes place. The word "chrysalis" is frequently used symbolically to refer to change, maturation, and development. It denotes a stage of the vision before emerging as something fresh and complete. While design this can be used to symbolically describe areas or settings that encourage development, transformation, and fresh starts in architecture or design.



SITE PLAN @ 1:500

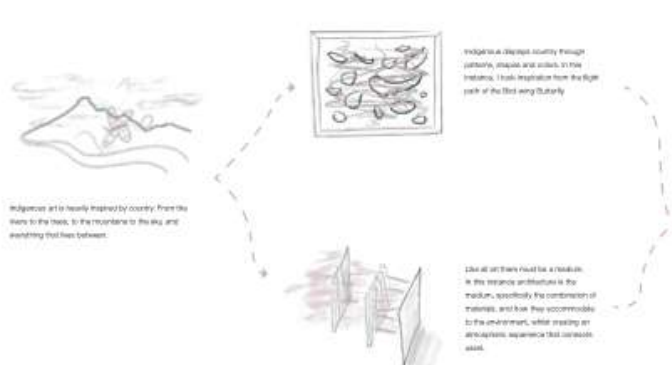
10m 0 10m 20m 30m

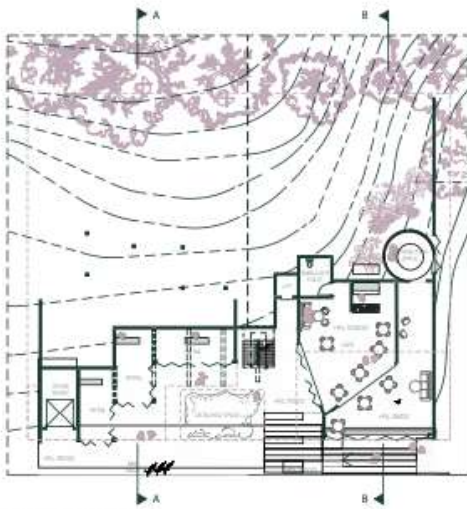
RICHMOND BIRD-WING BUTTERFLY

The Richmond Butterfly, is Murwillumbah's native fauna animal. In Indigenous nature, butterflies represent transformation. The Richmond Bird-wing butterfly metamorphosis from caterpillar to butterfly speaks to themes of individual and group development.

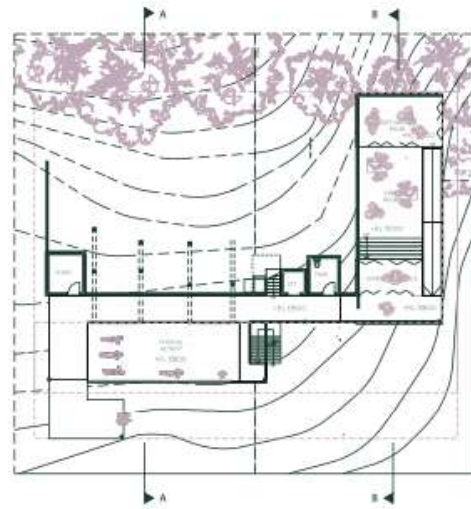


EXPERIENTIAL COHESION

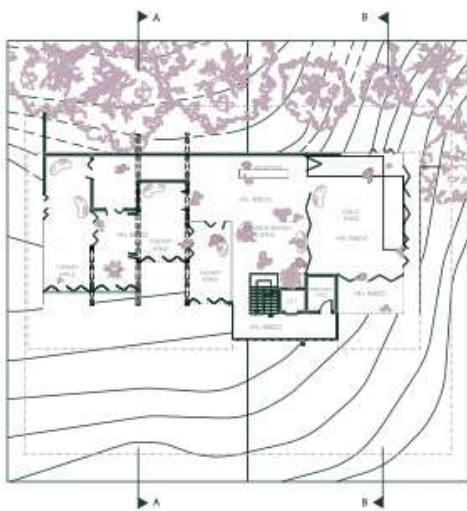




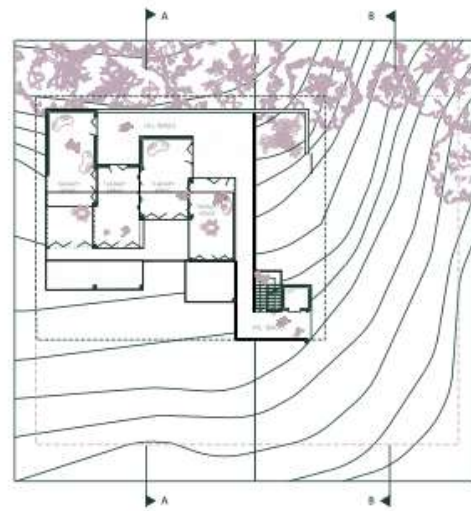
GROUND FLOOR PLAN
1:200



FIRST FLOOR PLAN
1:200



SECOND FLOOR PLAN
1:200

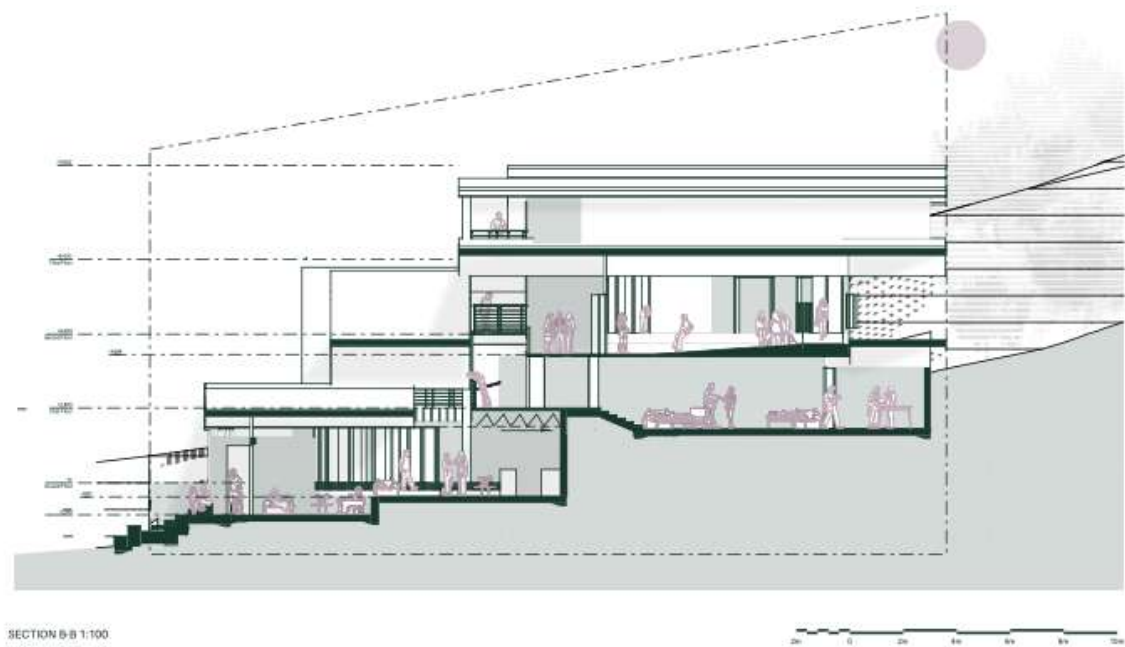
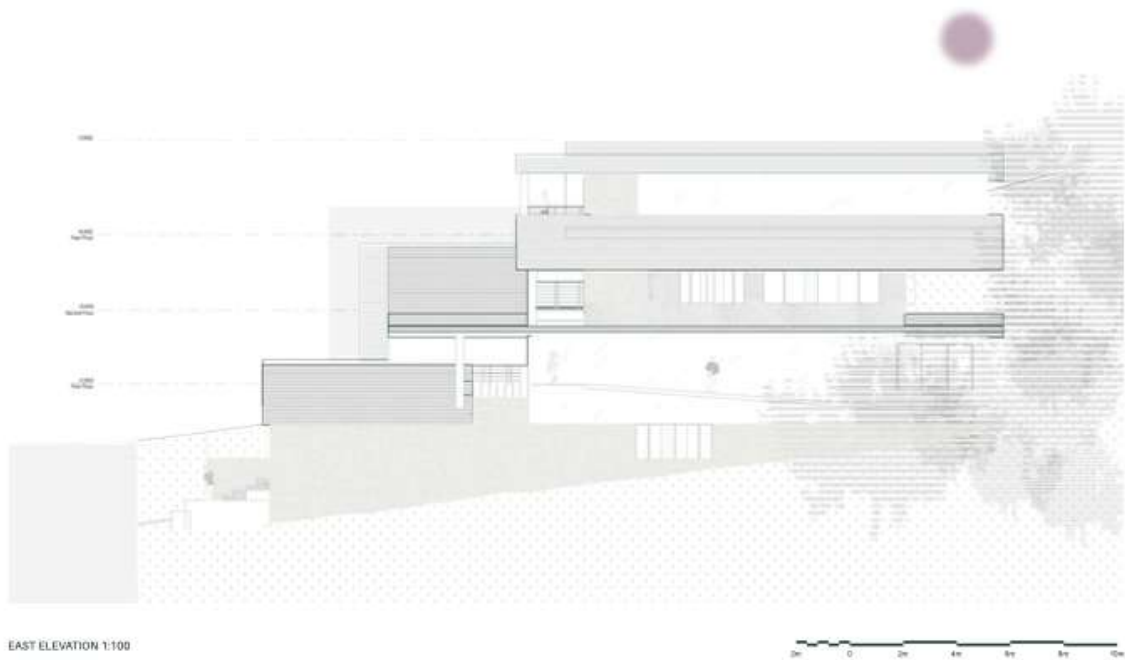


THIRD FLOOR PLAN
1:200



SOUTH ELEVATION
1:100

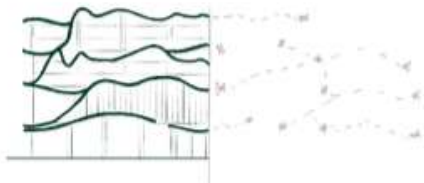






SECTION A/A 1:100

0 20 40 60 80 100



The roof's dynamic, undulating shape was inspired by the factory's light paths, which reflect the building's irregularities and unexpected movement. The roof's flowing shape reflects this unstructured mobility, inspiring openness and inventiveness. The undulating roof line encourages exploration and interaction inside the space by giving users a sensation of lightness and freedom as they pass through it.

TIMBER SLATS

Since timber slats are a renewable material that has a low environmental impact, they provide sustainability and aesthetic benefits in mental health settings. By installing the exposed slats through built form, the roof line light to create a porous, organic structure that encourages wellbeing and a sense of connection to the natural world.

GALSTEEL

Thanks to exceptional durability and low maintenance requirements, galvanized steel is perfect for mental health settings where long-term resilience and ease of maintenance are essential. Its smooth, reflecting surface can gently increase the amount of natural light in the room, creating a bright, lighter atmosphere while preserving the building's structural integrity and stability.

POLYCARBONATE WINDOW

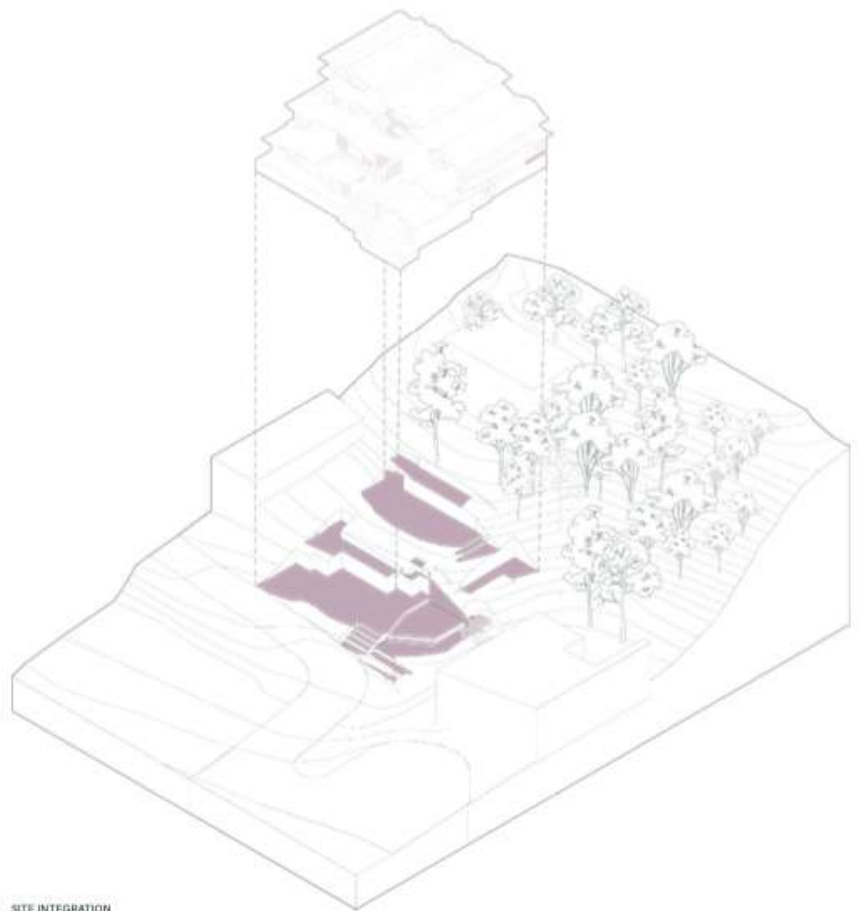
Impact-resistant and offering increased safety in a mental health setting, polycarbonate windows guarantee a safe atmosphere without compromising openness or transparency. Their ability to gently diffuse natural light provides a calm, peaceful ambience that helps users feel less stressed and happier.

WHITE BRICK

In mental health care, a neutral color palette helps regulate internal temperatures, act as natural insulation, and reduce need for artificial heating and cooling, promoting sustainability. Their organic, textured surface creates a calming, nature-inspired atmosphere that supports emotional well-being, while their durability improves air quality by controlling humidity.

POROUS CERAMIC BRICK

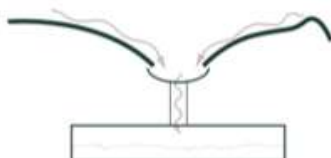
Recycled brick flooring is an environmentally friendly option since it reduces the need for new timber by reusing old materials. Its inherent warmth and texture provides a soothing, grounding atmosphere in a mental health facility, encouraging a feeling of well-being and a connection to nature.



SITE INTEGRATION



The detached space is the 'cocoon' of the building. It serves as the atmosphere space and central art therapy where a local artist paints the walls, emotions and thoughts. This studio provides a safe, calm, and creative space for users. The detached space is strategically placed at the heart of the building entrance. This is so the experience is maximized.



As a sustainability priority, the structure of the curved roof serves as an opportunity to collect rainwater. Inspired by the building's design, the use of sustainable integrated to roof slats collector built into the curved glass. The gutter then transfers water to an underground water tank, which can then be utilized for irrigation within the facility.



