





5.0

ARCHITECTURAL CONCEPT

5.1 INTEGRATION OF ABORIGINAL DESIGN PRINCIPLES

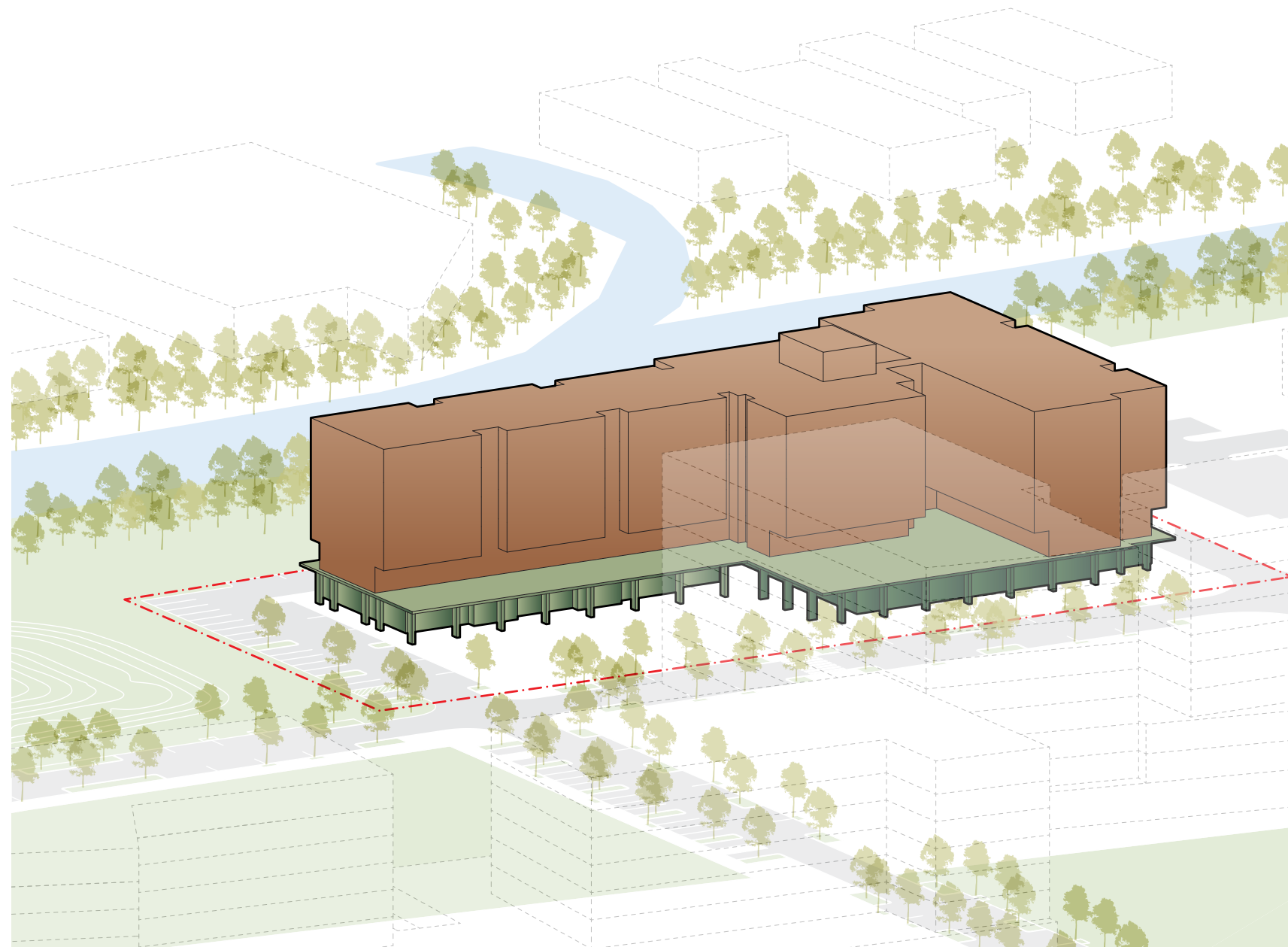
The significant local natural environments of the creek system and the escarpment are represented in the design of the project.

Form, expression, and materiality seeks to connect the site to Country, and pay respect to the traditional significance of Cabbage Tree Creek, Fairy Creek, Djeera (Mt Keira, and Djembla (Mt Kembla) to the Wodi Wodi (Dharawal) peoples.

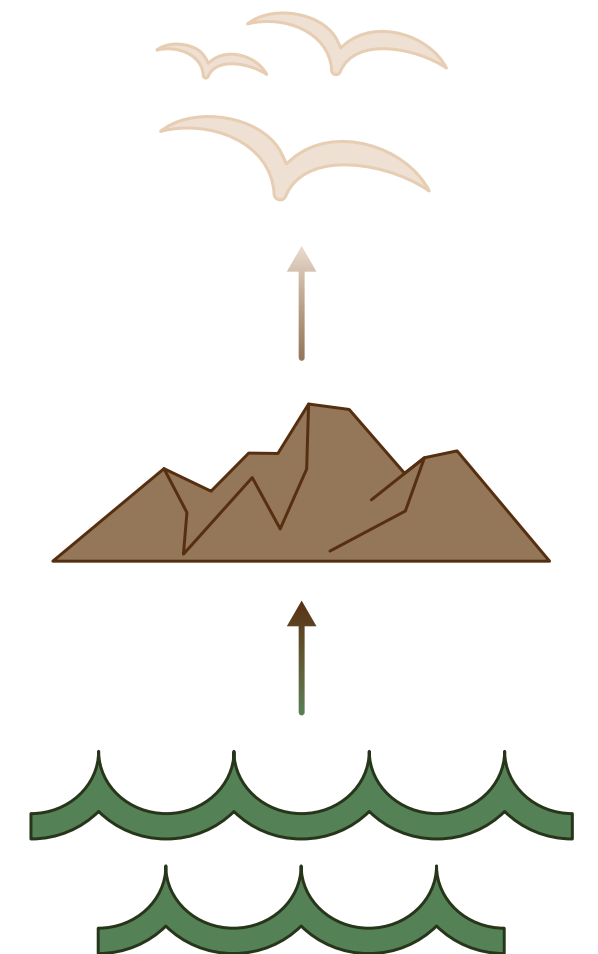
This interpretive framework has provided a conceptual benchmark for developing the design, and has been refined through both consultation and design excellence processes.

The series of creeks, wetlands, and forests throughout this area offer food and shelter to native animals, as does the surrounding escarpment. The waterways, plants, and animals all form part of the cultural ecosystem of the Illawarra, and hold cultural value.

Djembla (Mt Kembla) and Djeera (Mt Keira) are the embodiment of Ancestral Beings, linked through Dreaming Stories to other Beings within the Illawarra Escarpment and beyond.



East Facade



5.2 DESIGN VISION

Material Concept

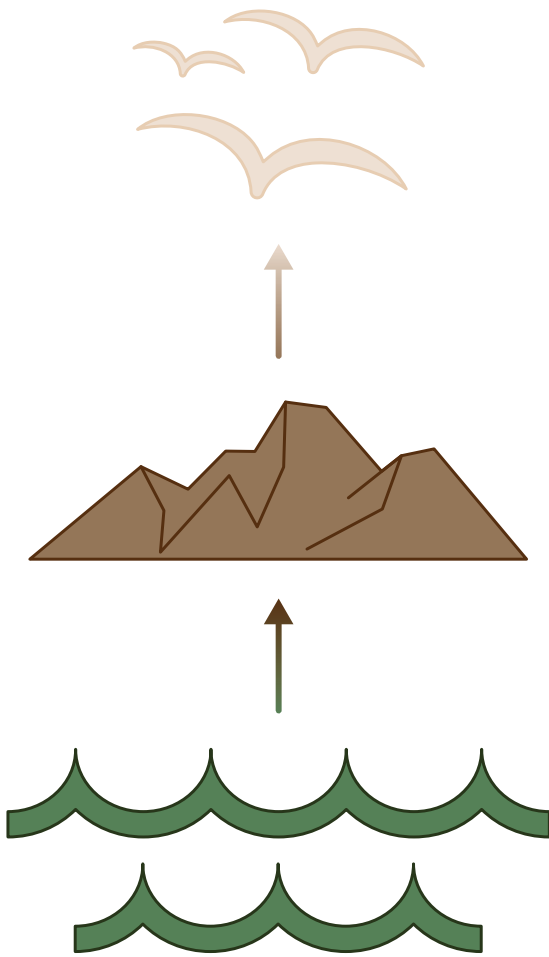
The design of the building has been guided by a material concept stemming from the interpretive approach to connecting with Country.

The design applies elements of the local landscape through an abstraction of their visual and tactile qualities. By taking tones and textures from the creek body, escarpment sandstone, and swamp mahogany forests, the distinction between the built and the natural is blurred.

The design integrates dense planting into the facade and ground plane to reinforce the connection to the H&WP's green heart and overall campus feel.



East Facade

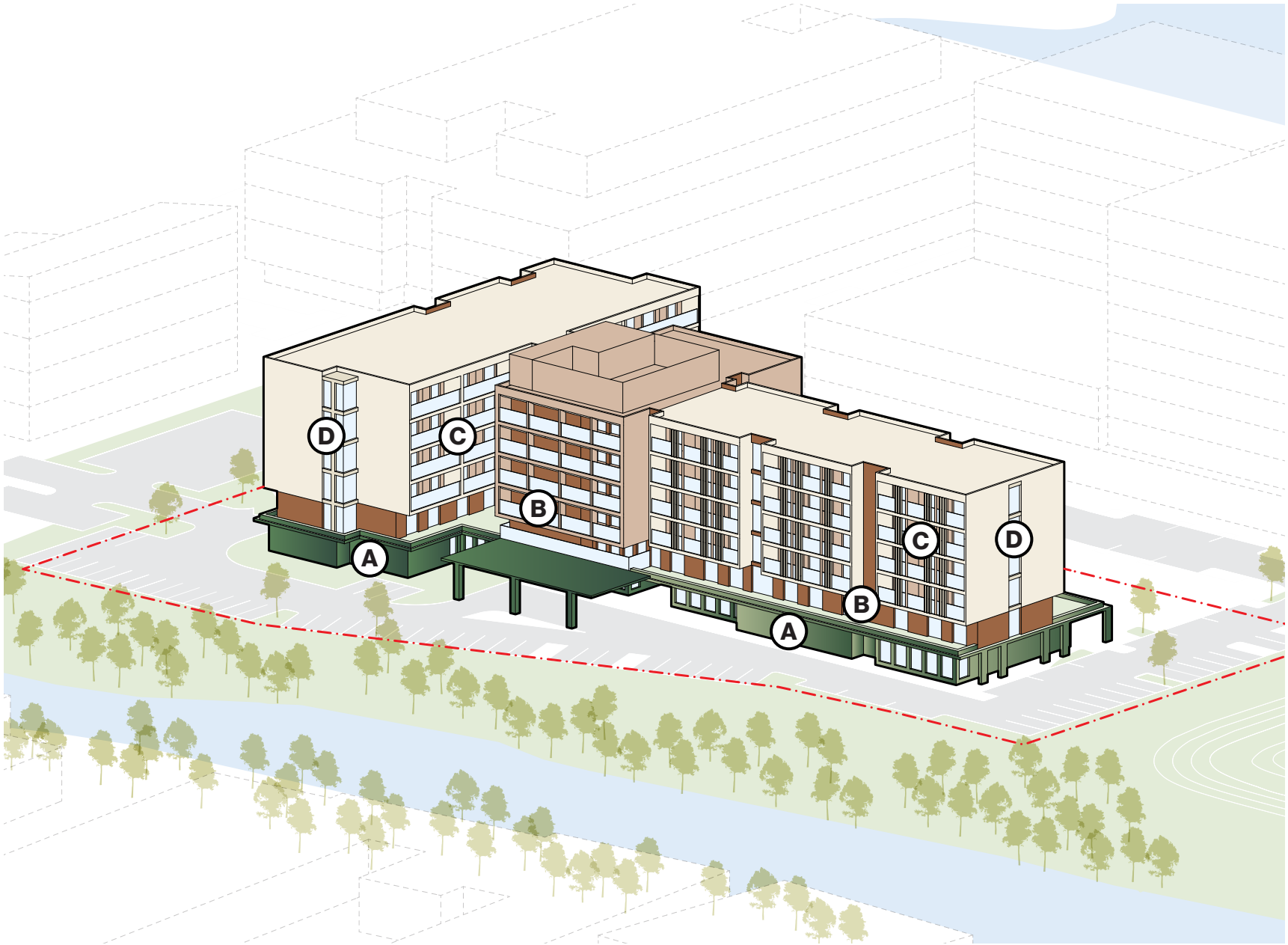


Expression

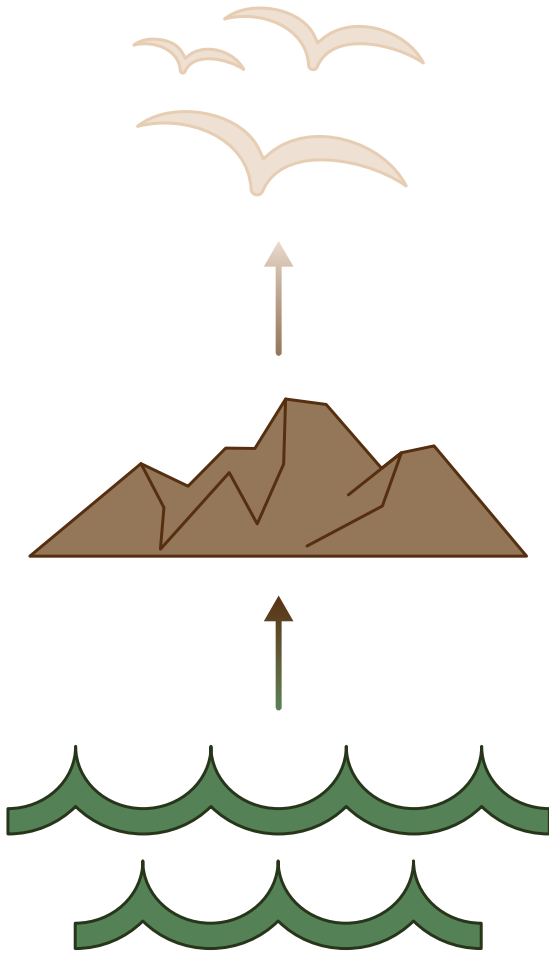
Variation in the architectural expression reinforces the unique identity of the building.

The base of the building is framed with a brick that is reminiscent of the different colours of the creek body. The upper levels embody the eroded sandstone, prevalent in the escarpment - a way of celebrating Country's identity through formal similitude.

- (A) Green brick facade with expansive windows for FOH amenities.
- (B) Brown tiled facade with windows into bedrooms, and floor-to-ceiling windows into hallway.
- (C) Light brown tiled facade with glazed sliding doors into bedrooms, and vertical louvres framing balconies.
- (D) Cream tiled facade with floor-to-ceiling glazed seating areas.



West Facade



5.3 FACADE DESIGN

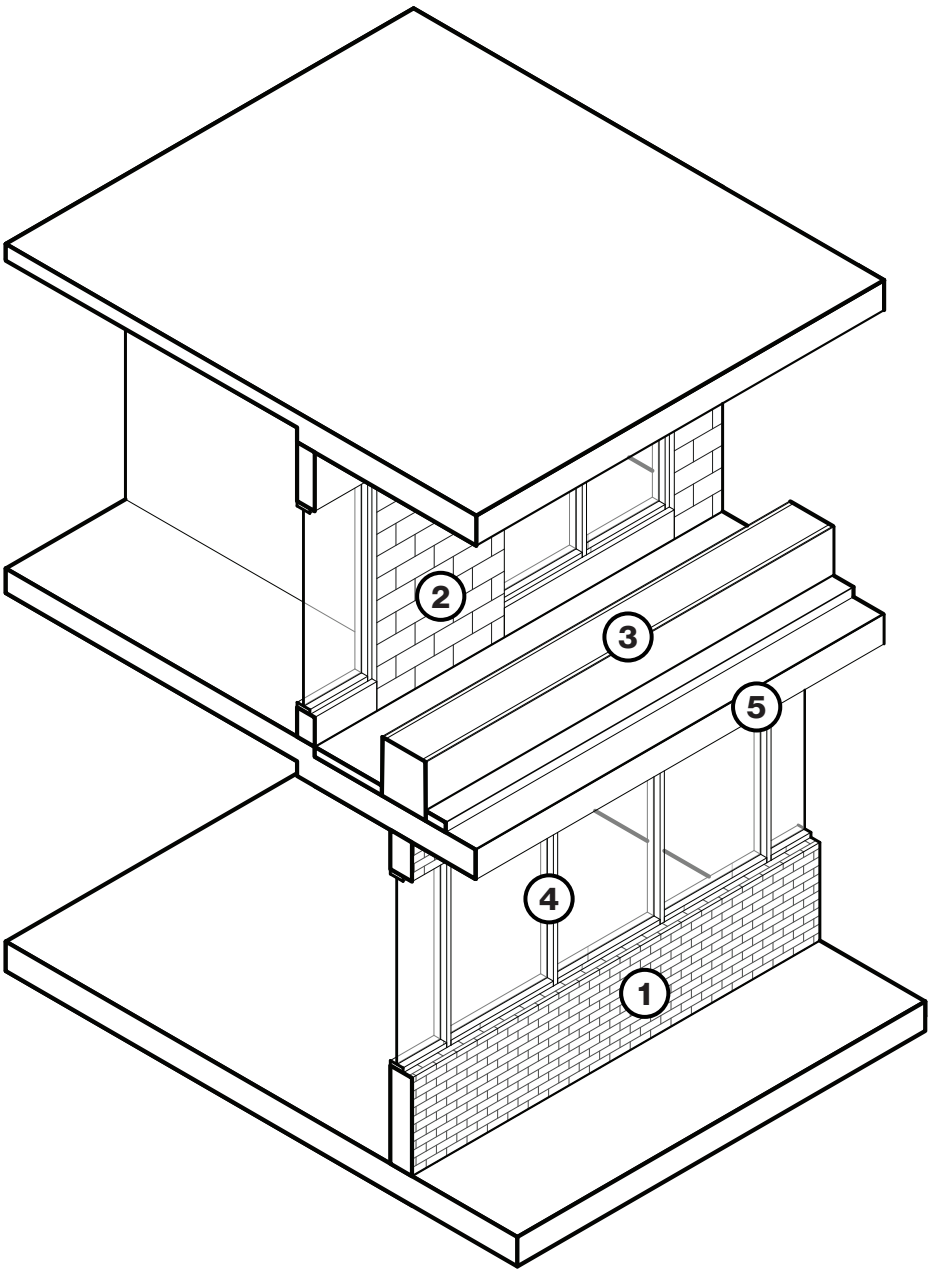
North Facing Facade

The glazed brick and tiled finish walls connect the expression of the building conceptually to the surrounding landscape, while simultaneously offering a high-quality finish.

The green and earthy colours have been developed from the local landscape: creek water and sandstone escarpment.

Integrated planters in place of balconies have been utilised on level 1 bedrooms.

North-facing bedrooms will have views across the UOW Innovation Campus.



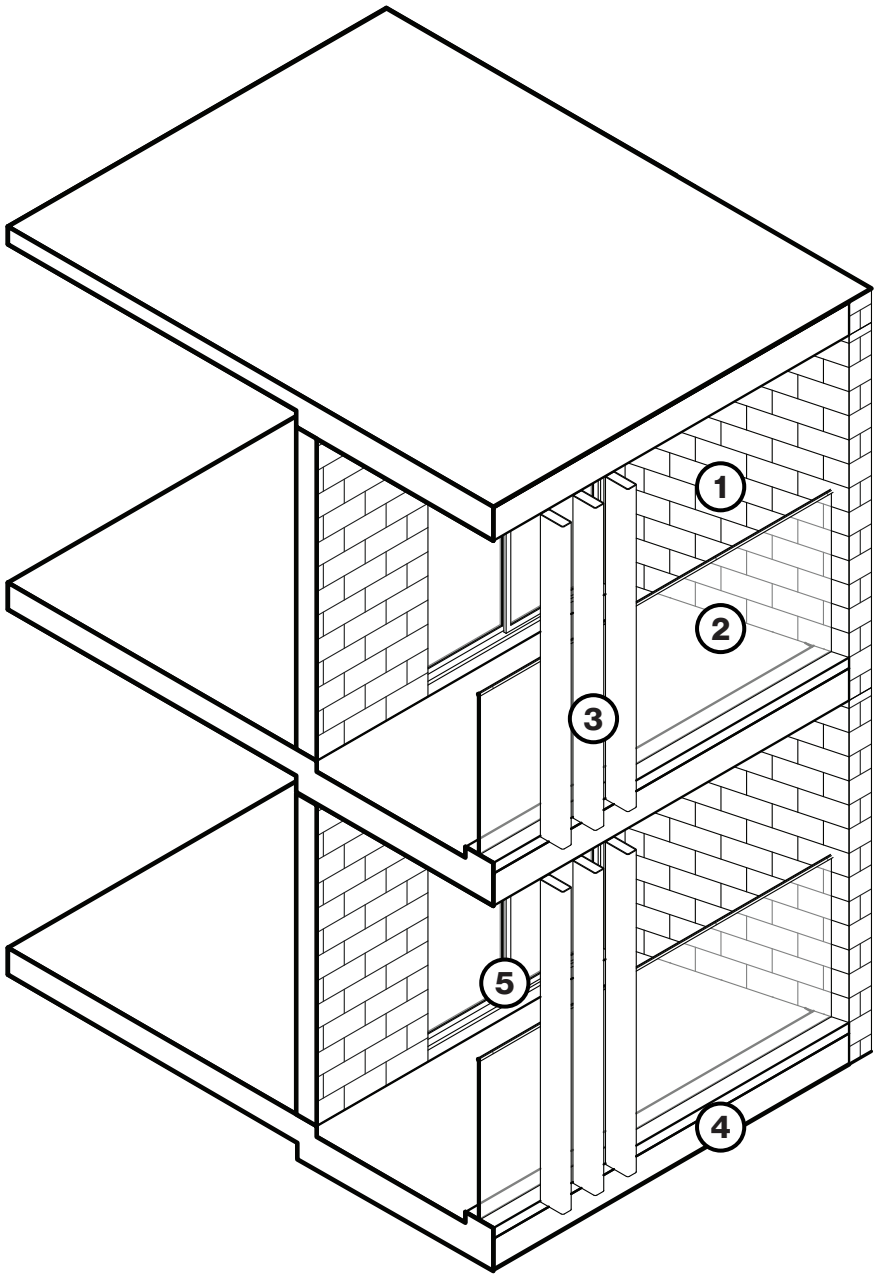
- ① Glazed Bricks
- ② Tiled Cladding
- ③ GRC Planter
- ④ Powdercoated Metal Frame
- ⑤ Metal Cladding

East Facing Facade

The varied tones and textures of the facade aim to replicate the look and feel of the distant escarpment.

Glass balustrades recede from the edge of the building to ensure that the tiled facade is the dominant feature. Deep balconies offer amenity while also mitigating heat gain in the middle of summer. The louvres are used as a shading device.

East-facing bedrooms will have views to the neighbouring ILU 1 building and tree-lined Innovation Way.



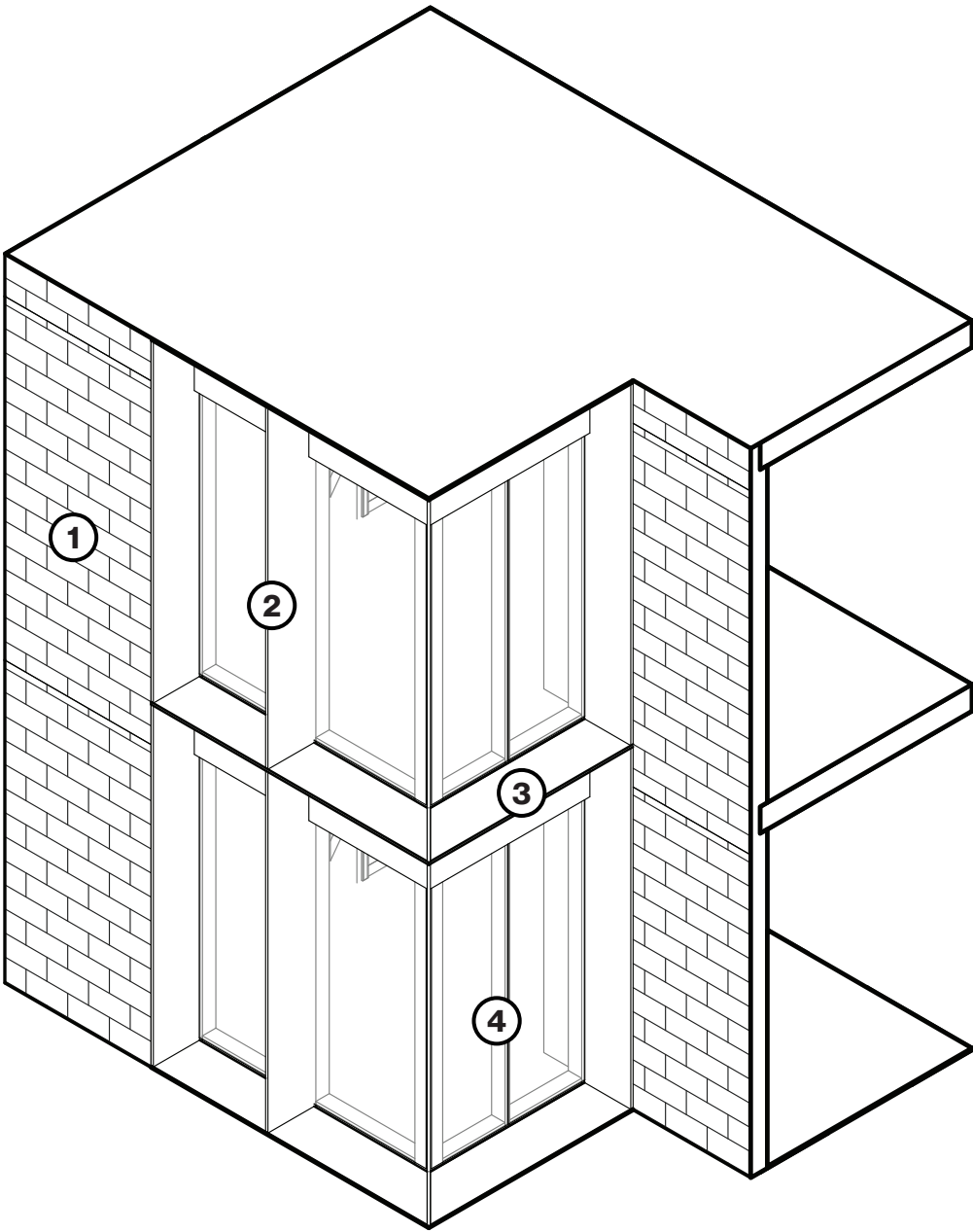
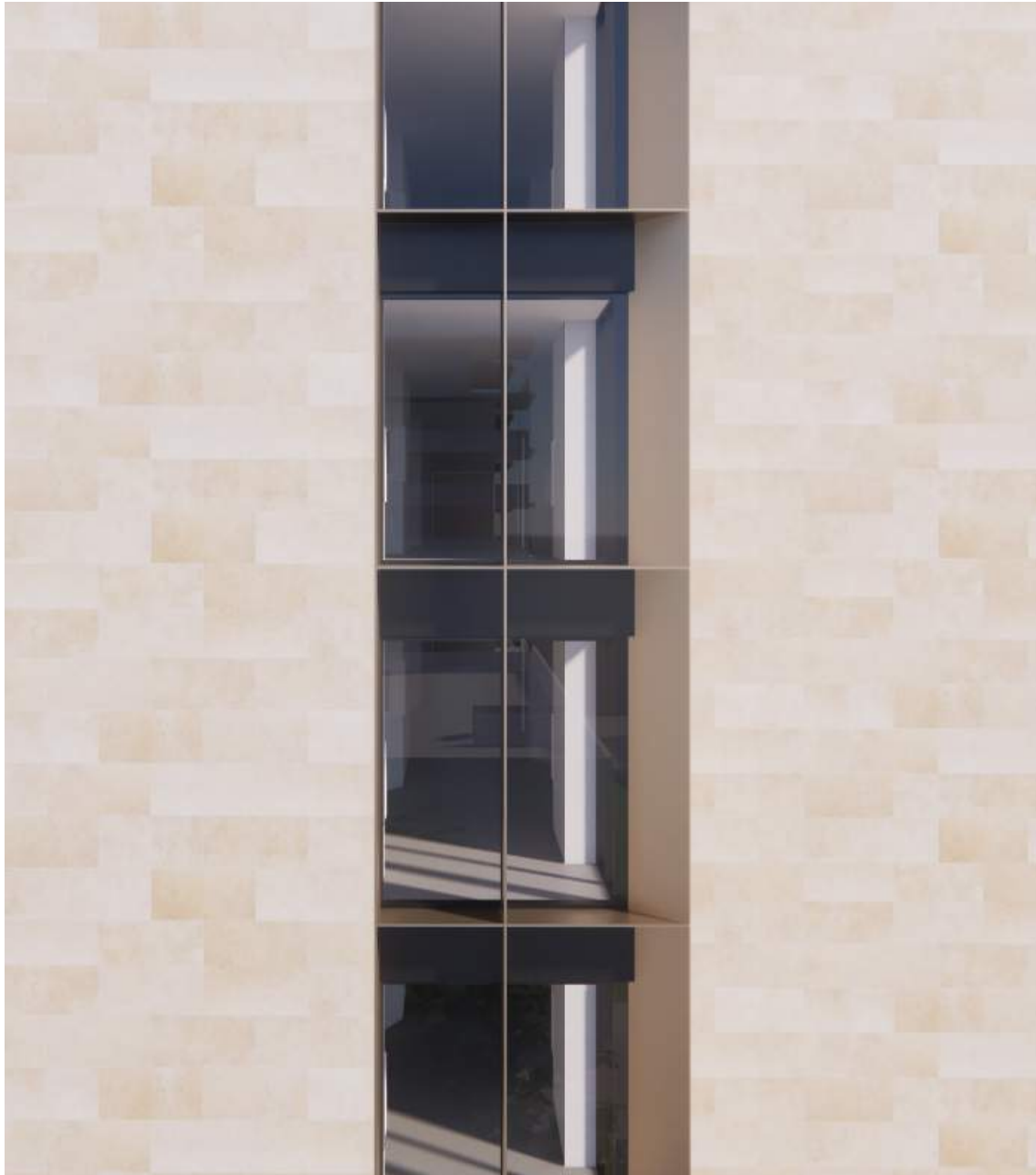
- 1 Tiled Cladding
- 2 Glass Balustrade to Balcony
- 3 Vertical Louvres
- 4 Metal Cladding
- 5 Powdercoated Metal Frame

East / West Facing Sitting Rooms

Resident corridors terminate at a light-filled box framed by metal blades.

The sitting rooms ensure residents experience continued visual connection to the outdoors, with views north-east towards ILU 1 and the upper UOW Innovation Campus, and south-west towards Cabbage Tree Creek and the escarpment.

Integrated vertical and horizontal shading devices protect the space from harsh direct sunlight and heat.



- 1 Tiled Cladding
- 2 Vertical Louvres
- 3 Horizontal Louvres
- 4 Powdercoated Metal Frame

5.4 MATERIAL FINISHES



Watery Brick Mix



Textured Facade



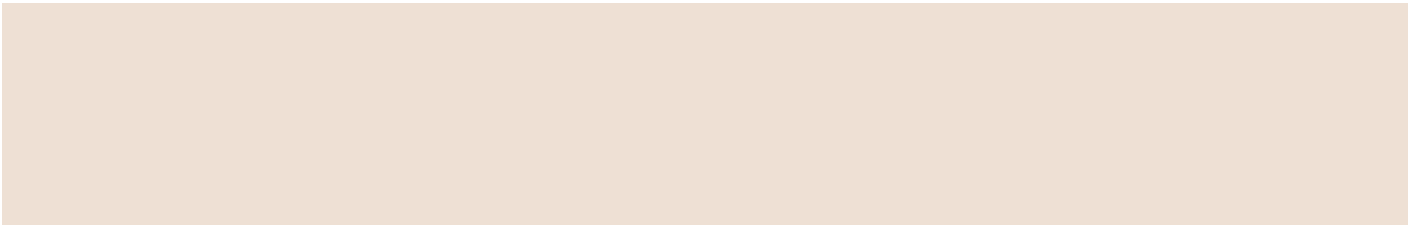
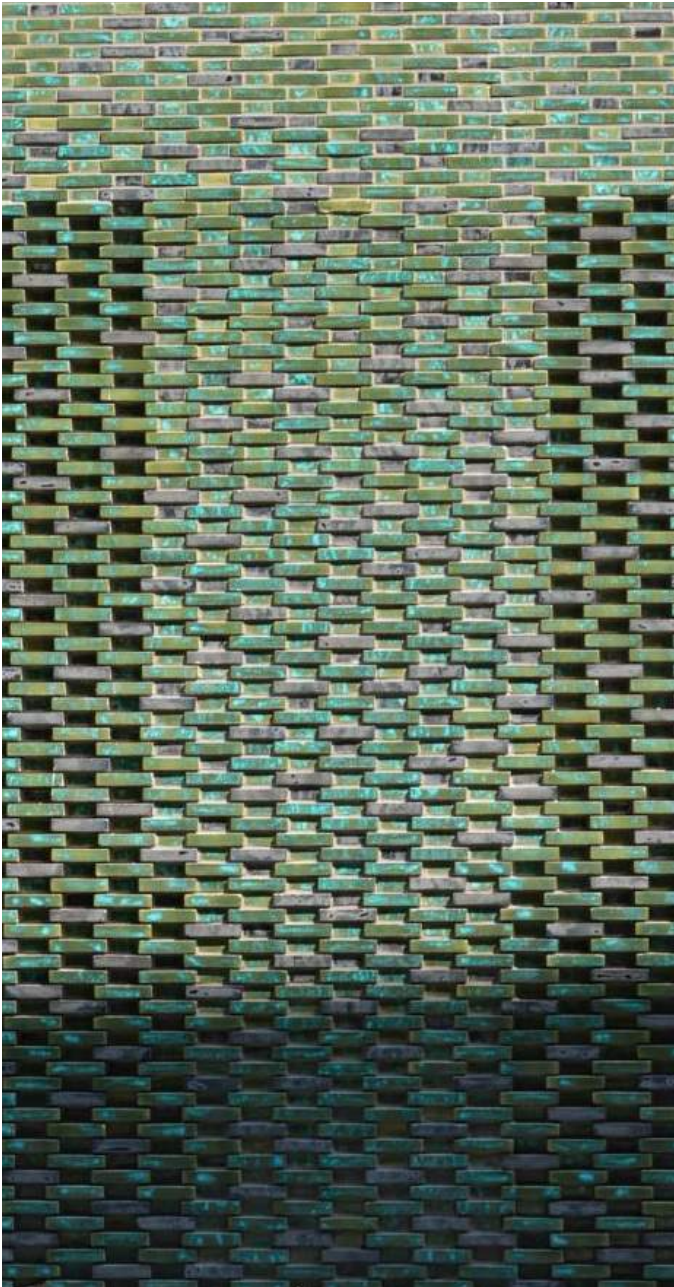
Warm Tones



Screen Treatment



Green

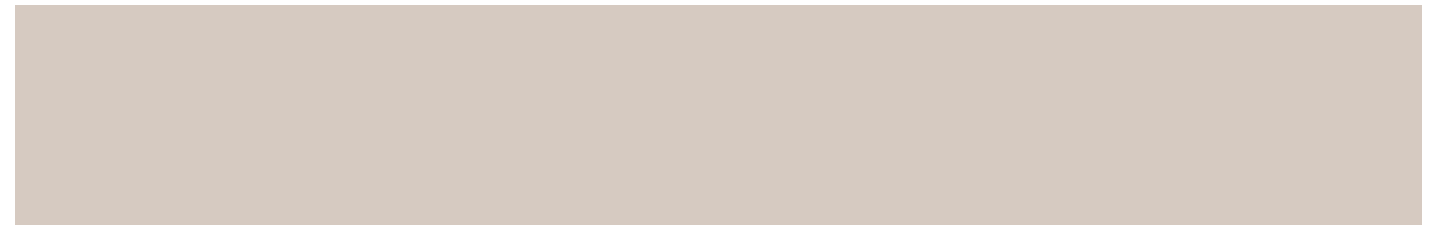


Cream





Brown



Cream

5.5 CONCEPT VISION

