

Voids create light flooded interior spaces



Four cut-outs dispersed over the upper level floor with roof lights above, flood the building interior with natural light - providing backdrop for community activities, habitat for verdant greenery & vertical connectivity.

Improving internal amenity allowing air to circulate vertically through the building & naturally ventilating the larger communal spaces. Providing passive cooling & a healthy interior environment.

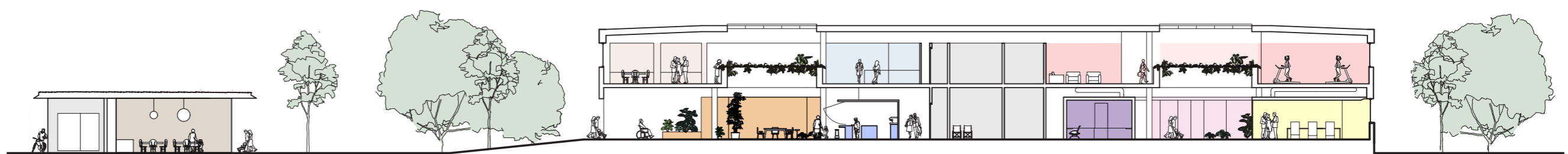
Structurally the cut-outs are designed to sit within the current concrete floor structure - maintaining the integrity of the existing floor beams that span between the column grid.

The roof lights above work within the logic of the existing sheet cladding system & pitch of the roof - a minimal intervention providing maximum benefit.

Designed as a series of translucent insulated polycarbonate roofing sheets to allow light through whilst also maintaining thermal insulation to the building envelope.

Community activities & events are located around the new light wells to the northern edge of the building which also connects with the pavilion & grassland landscape beyond.

Cut-out to upper floor



Section A



Legend

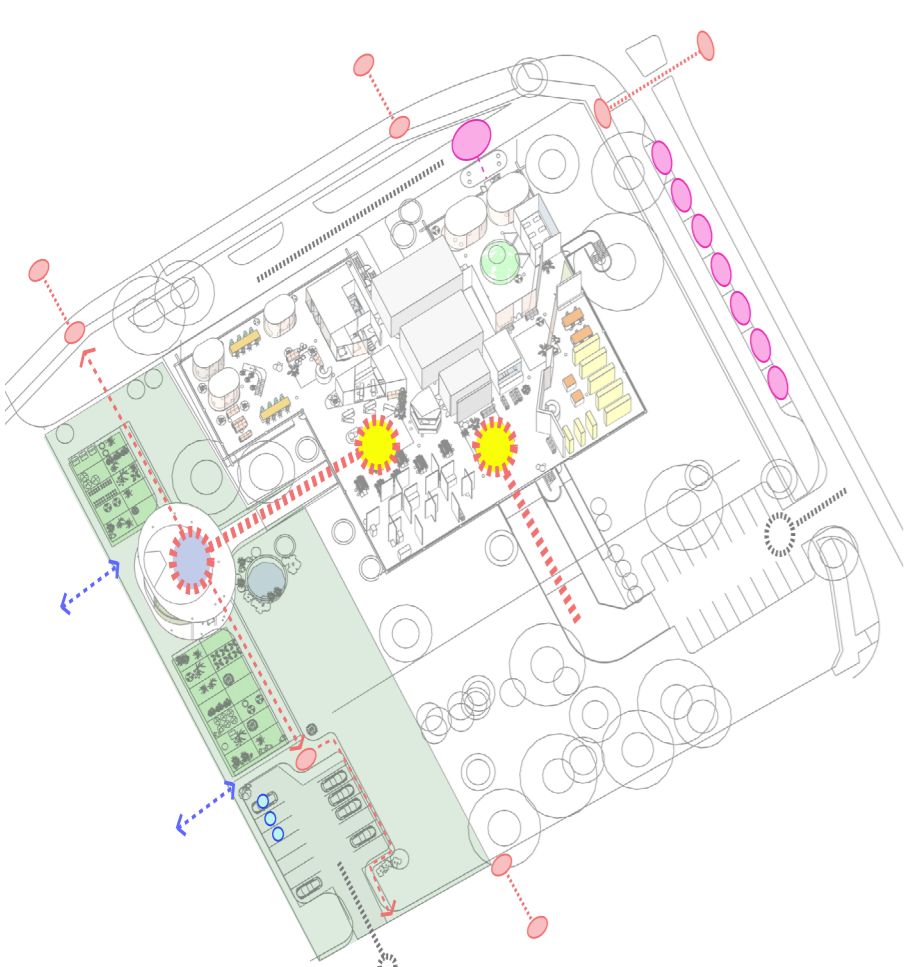
- Co-Working Spaces
- Community Learning Network
- Existing Core & Services
- Gallery
- Cafe
- Library
- Pharmacy
- Childcare Centre
- Pavilion
- Private Studio Spaces
- Gym
- Gym / Meditation & Yoga

0 5 15 35m Ground Floor Plan



Community Learning Network, Cafe, Gallery & Atrium

Building connectivity & connection to nature



Working within the existing structural logic of the window fenestration of the LUMA Hub building.

A minimal cut-out to the northern facade creates the opportunity to connect to the adjoining landscape to a new community pavilion & garden. Connected via a permeable walkway through a native grassland landscape maintaining views from the surrounds to the heritage LUMA Hub building.

A new footpath runs east to west across the gardens connecting the pavilion to St Albans Rd cycle network & Stony Creek residential zones. This also provides connection to the bike network & nearby railway station. There is also scope in its design for future pedestrian & cycle connectivity to the adjoining mixed use site to the north.

To the western edge of the site - car parking, EV charging together with Flexi car provision is accessed directly from St. Albans Road.

To the eastern edge of the new community garden there is opportunity to improve connectivity to Stony Creek & new residential zones through new pedestrian & cycle crossings as well as traffic slowing measures.

The existing access & delivery areas to the eastern edge of the LUMA Hub accommodate a new drop off zone for Childcare activities situated within the south east corner of the building.

To the southern edge pedestrian connectivity across the primary gateway access road to the proposed retail & parking across the proposed median strip provides further connectivity to the Hub as well as possible secondary drop off areas for Hub activities such as Childcare Centre & Community workshops.

- Pedestrian crossing
- Pedestrian connectivity
- EV charging
- Future connection
- Drop-off zone
- Car access



New Pavilion & Allotment Gardens

Materiality

- Recycled Acrylic
- Raw Felt
- Sisal
- Two Tone Stained Plywood
- OSB Sheeting
- Cork tiles