

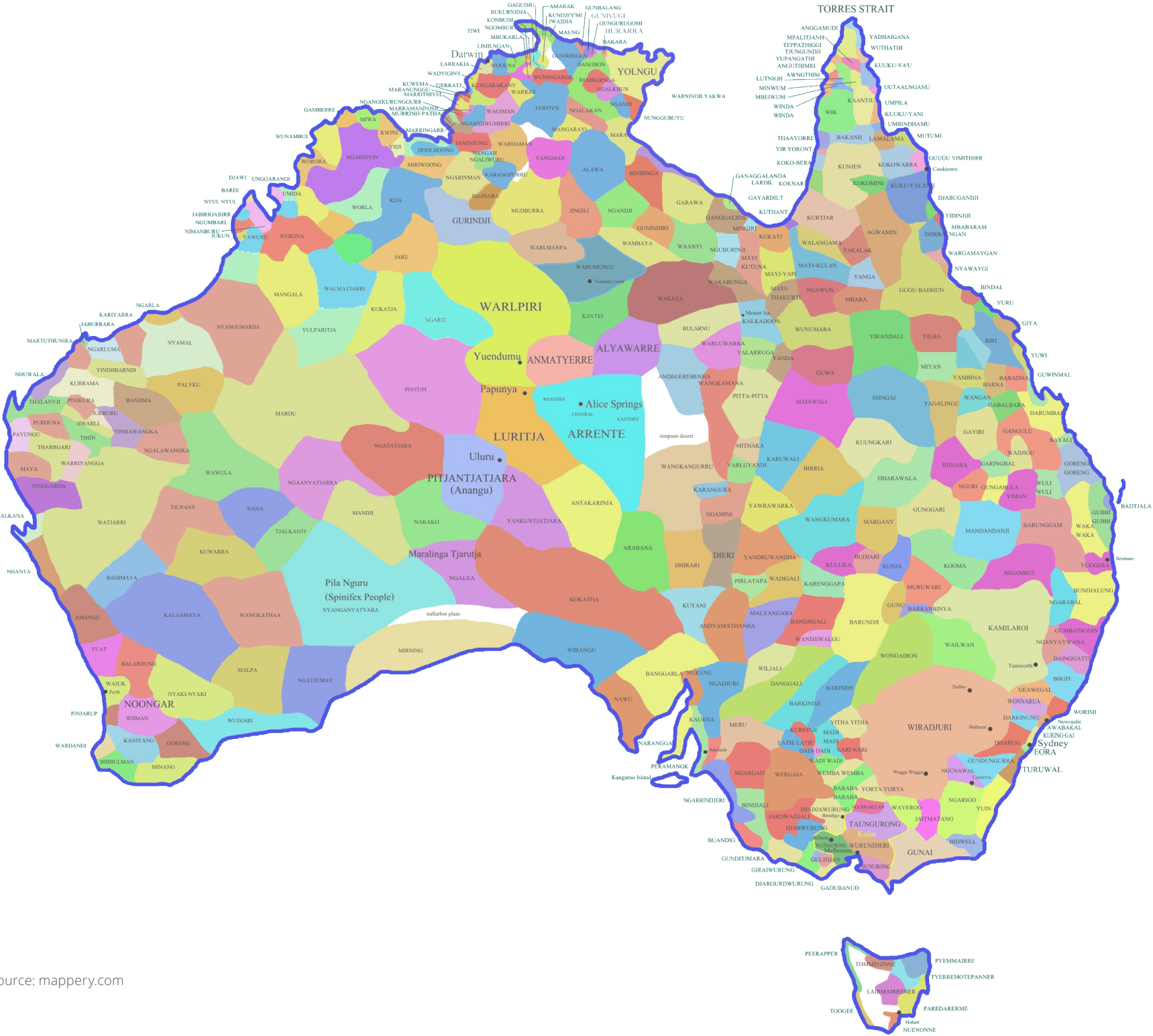
RANDWICK CAMPUS REDEVELOPMENT

INTEGRATED ACUTE SERVICES BUILDING (IASB) ADDITION

SSDA LANDSCAPE DESIGN REPORT
JULY 2019

ASPECT Studios™

ASPECT Studios acknowledges the traditional owners of the land we work on and travel through and we pay our respects to elders past and present.



Map source: mappery.com

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1.0 Introduction

Project Summary

This Landscape Design Report for the proposed Integrated ASB Addition is an addendum to the Landscape Design Report prepared for SSD 9113 Prince of Wales Hospital Expansion Stage 1. The contents of this report relate only to the additional core scope elements of the Integrated Acute Services Building (IASB) Addition, these being:

- UNSW Eastern Extension (Base Building only)
- Associated modifications with the ASB
- Lowering of Hospital Road
- Landscaping

As a collaborative design effort, ASPECT Studios is working closely with the project team, including BVN/Terroir (architecture), Enstruct (civil and structural engineering) and ARUP (traffic), to ensure the project vision and aspirations are met across all disciplines.

Context

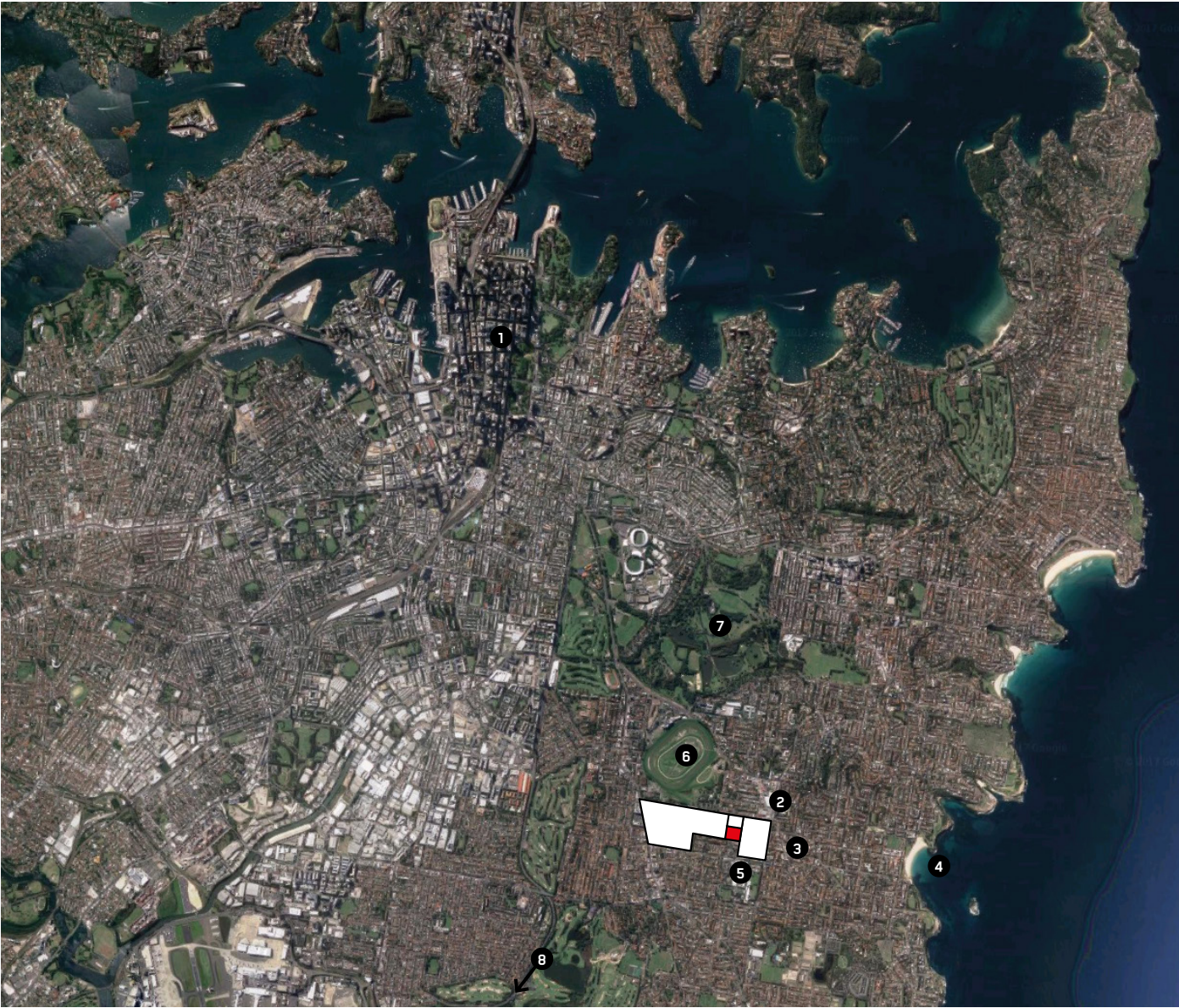
The Randwick Hospitals Campus (the Campus) is located immediately south-west of Randwick Town Centre.

The Campus is bounded by High Street to the north, which intersects with the Town Centre’s main street of Belmore Road; Avoca Street to the east; Barker Street to the south; and Hospital Road to the west, which forms the Campus’ interface with the University of New South Wales (UNSW).

Four hospitals currently share the Campus: Sydney Children’s Hospitals Network (SCHN), the Royal Hospital for Women (RHW), Prince of Wales Public Hospital (POW), and the Prince of Wales Private Hospital (POWP).

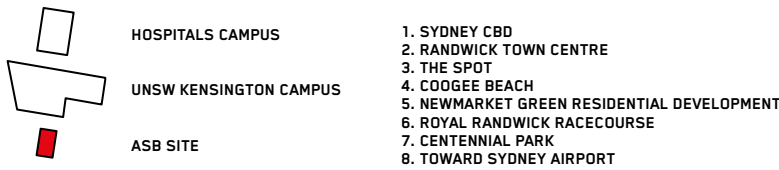
The approved Acute Services Building (ASB) is located residential land immediately west of the existing Campus, adjoining Botany Street and Magill Street, and will occupy a key position between the Campus and UNSW. As a result, Stage 1 of the ASB will provide a significant opportunity for physical connectivity between the Campus and UNSW.

The public domain and landscape design for Stage 1 of the Randwick Campus Redevelopment builds upon the significant body of work delivered as part of the precinct master plan. The urban design principles and aspirations of the master plan and their impact on this project are discussed in later sections of this report.



AERIAL VIEW

source: BVN, 2018



2.0 Design Principles

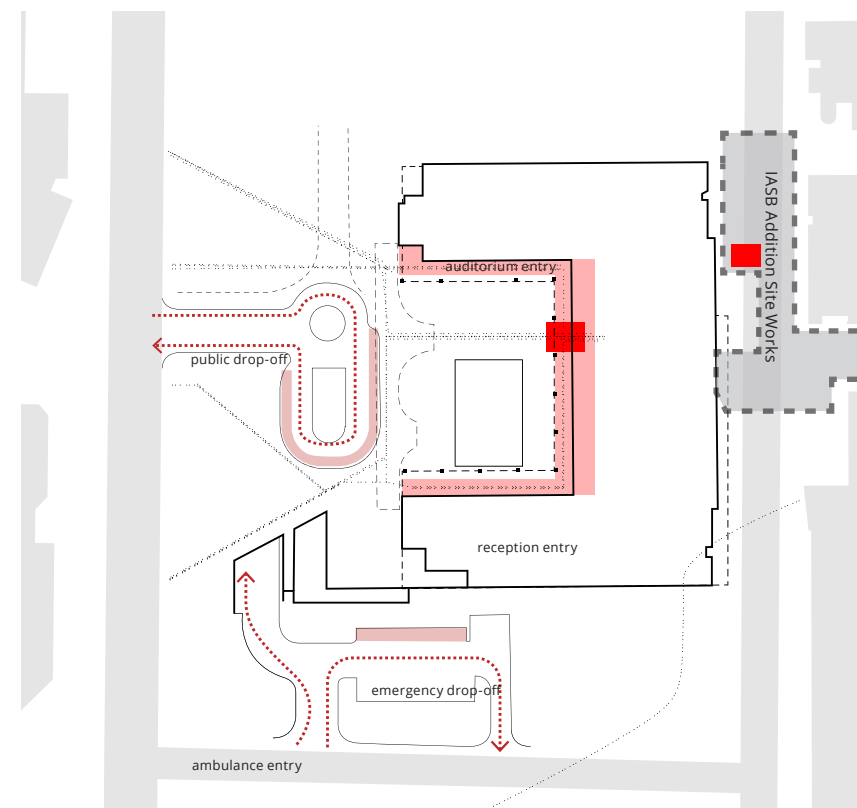
Masterplan Design Principles

In line with the aspirations of the master planning, the IASB Addition must provide green and healthy, connected, integrated and responsive public domain and landscape spaces.

The design principles discussed herein describe and illustrate how this will be achieved and how it will integrate with the principles adopted for the approved ASB (SSD 9113)

CREATE LEGIBLE AND WELCOMING ENTRANCES

- Public spaces at building entrances will enable the entrances to be readily found by visitors, providing distinctive design gestures integrated with building architecture and recognising their role as meeting places for staff and visitors.
- Vehicular entries will prioritise ease of access for medical priorities while remaining mindful of their location within public streets that must also prioritise pedestrian safety and amenity. Vehicular and pedestrian entrances will be distinct.

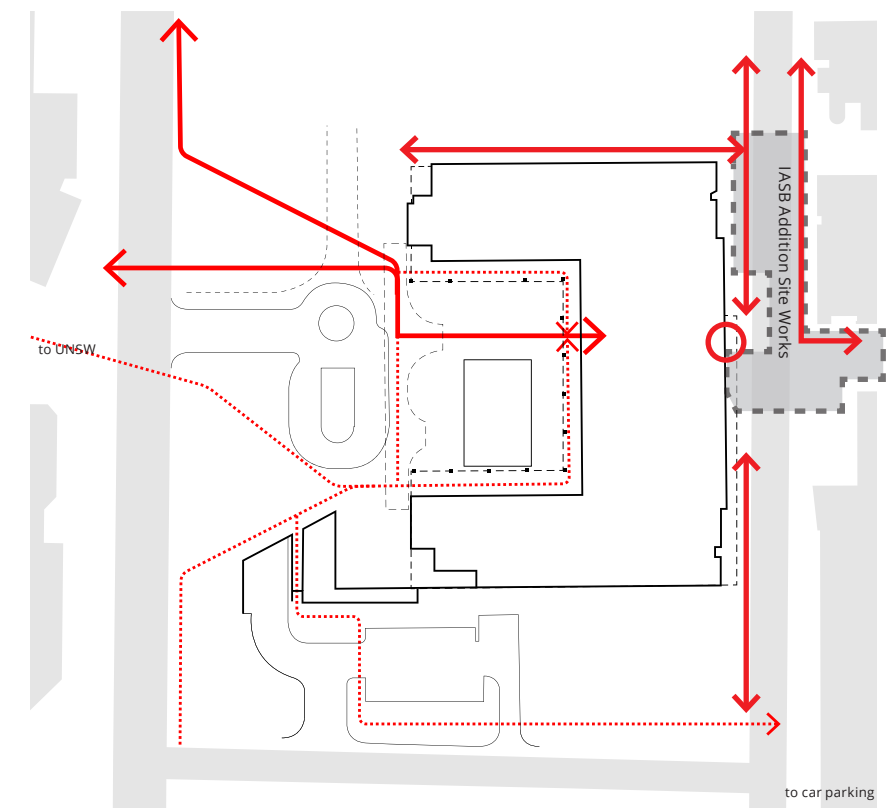


Create legible and welcoming entrances



PROVIDE INTUITIVE WAYFINDING

- The public domain design will promote visual and physical connections between building entries and Campus amenities, and with the broader Precinct including public transport facilities and Randwick Town Centre.
- Street interfaces will provide recognisable wayfinding cues to orient users and promote legibility between streets and site entry points.

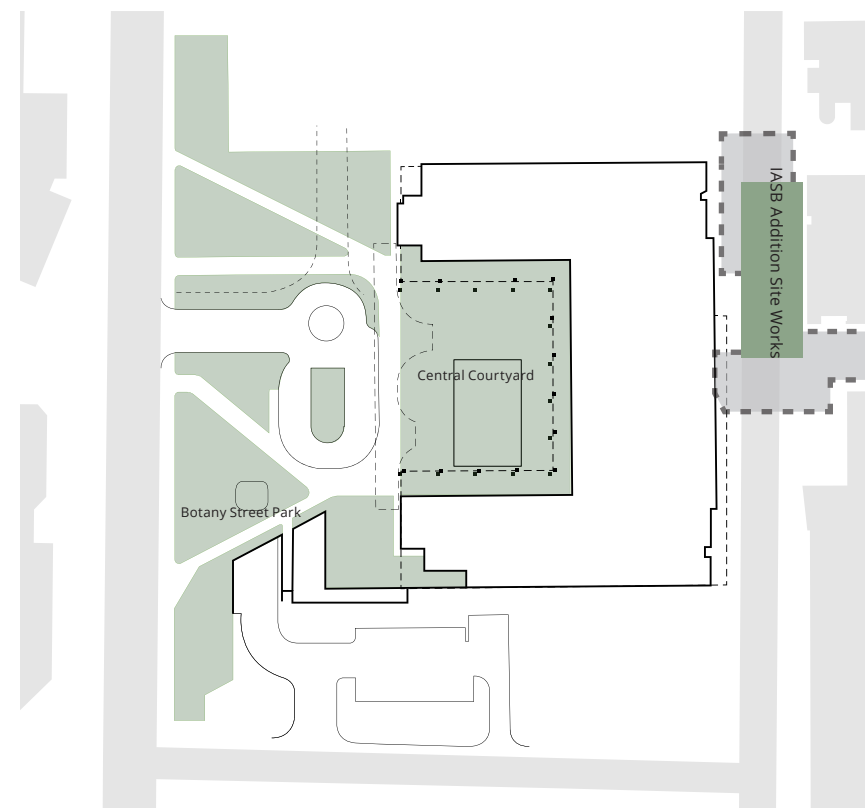


Provide intuitive wayfinding



DELIVER ENGAGING OPEN SPACES

- IASB Addition open spaces and public domain will promote the identity of the Campus while being cognisant of the broader precinct within which the site sits.
- These spaces must go beyond the provision of design elements to meet functional requirements, and will speak to the regenerative potential of landscape and the role that these spaces will play in the context of the Campus.

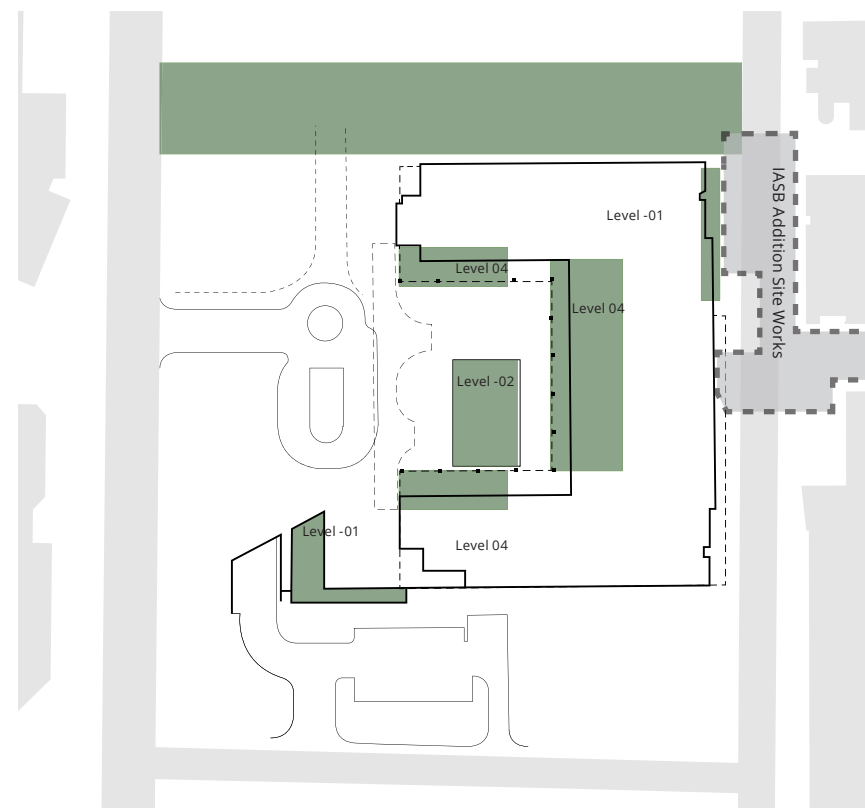


Deliver engaging open spaces



PROVIDE PLANTED OUTLOOKS

- Design of spaces will be cognisant of the visual connections between internal building spaces, the public domain, and rooftop landscapes, and the regenerative role that these views play in patient recovery and staff well-being.
- External views to planted areas and open sky will be maximised to enable patient and staff access to views of nature from inside the ASB.
- The Level 04 trafficable rooftop will provide opportunities for breakout spaces for staff as well as serving the rehabilitation needs of patients.

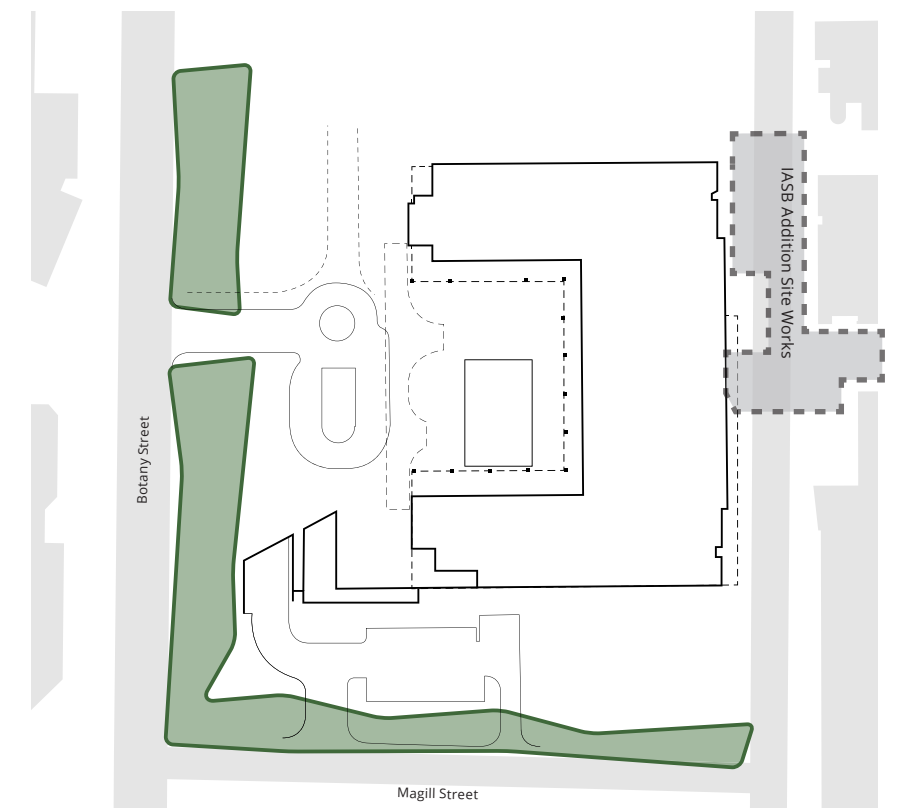


Provide planted outlooks



INTEGRATE WITH SURROUNDING CONTEXT

- Public domain and streetscape interfaces will provide distinctive and legible entries to the site, while integrating with the broader Precinct, to create an inviting, safe, and permeable environment that improves local pedestrian and ecological connectivity.
- Landscape spaces within the site will be designed with regard to the broader landscape context within which the site is located (the ESBS ecology).
- Technical constraints such as level changes and vehicular access are resolved in a way that prioritises pedestrian and streetscape amenity, balancing access requirements into the site with safe and legible access along adjoining streets.



Integrate with surrounding context

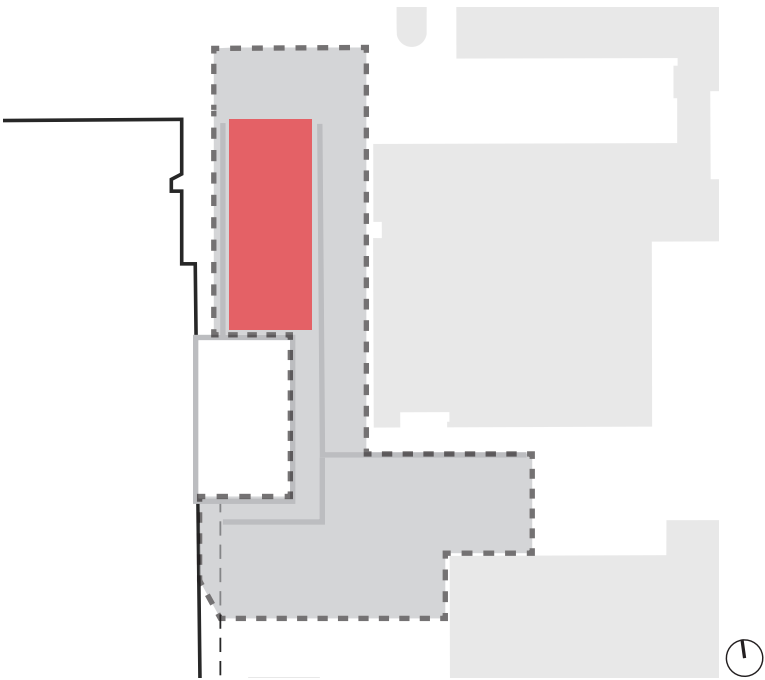


Hospital Road Design Moves

The design moves discussed in this section illustrate the priority design intent incorporated within the public domain design in achieving the design principles.

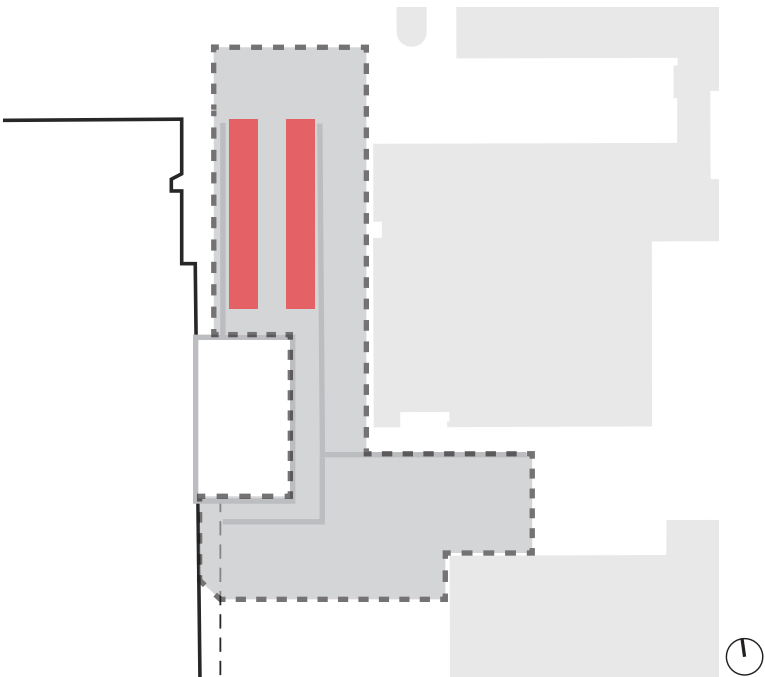
CREATE A WELCOMING ARRIVAL SPACE

As pedestrians move south from High Street approaching the IASB Addition, the experience should create a welcoming entrance to the building with planting and seating opportunities.



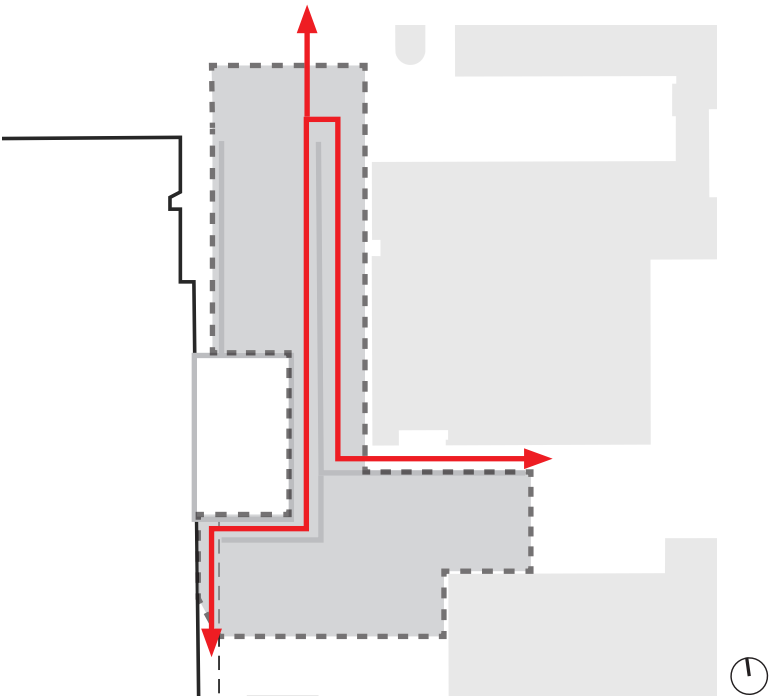
GREEN PODIUM EDGES

Planting should be used to create a verdant and lush edge to the podium edge. Planting will provide a protective barrier to significant level changes and discourage pedestrians climbing over walls.



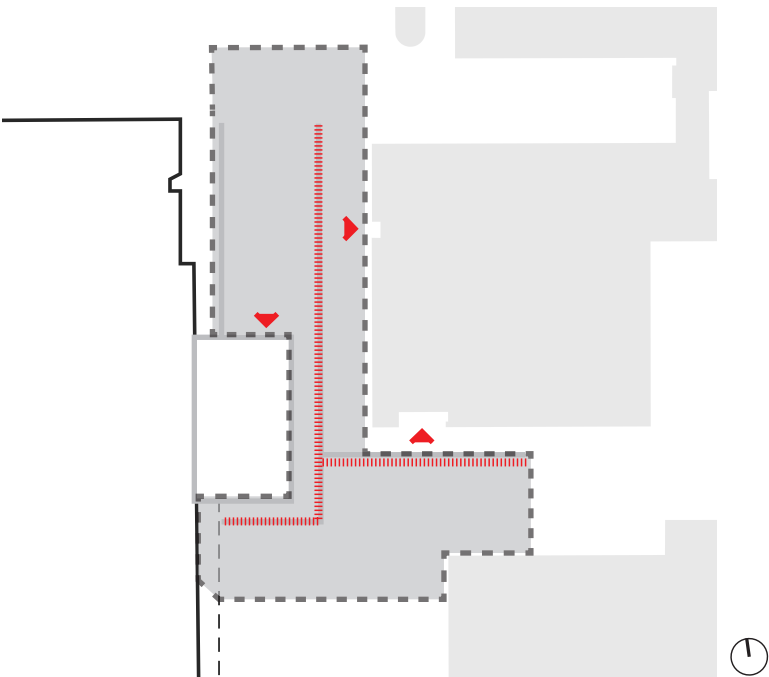
NORTH - SOUTH PEDESTRIAN LINKS

Create an accessible route between Magill Street, with a future connection north along Hospital Road to High Street.



MANAGE LEVELS & EXISTING ACCESS POINTS

Maintain existing access to the Ainsworth Building and circulation around the southern corner to Delivery Drive.



3.0 Scope

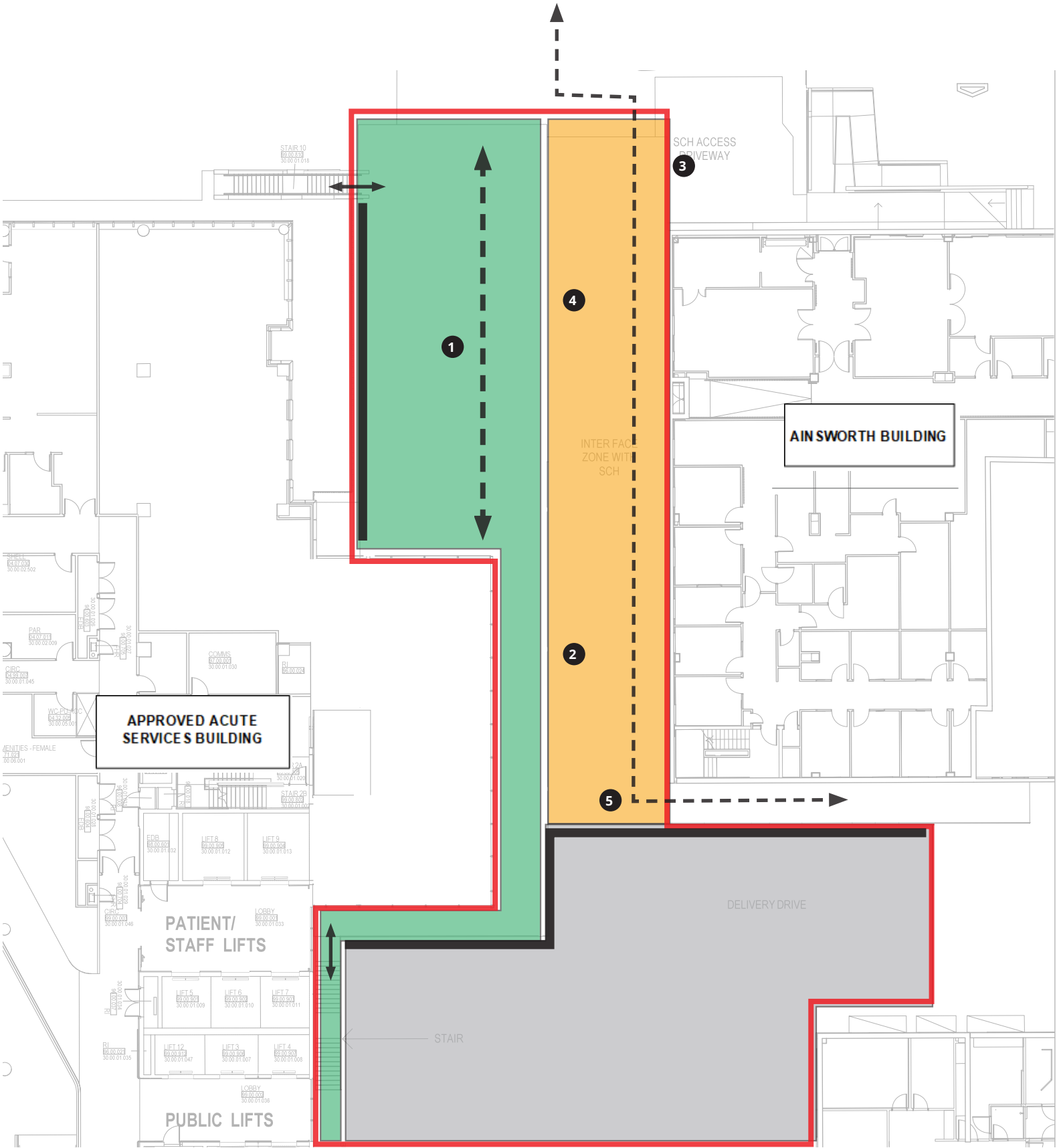
The landscape project scope will create a key amenity space to the entrance of the new IASB Addition and address key interfaces with the existing Ainsworth Building.

An important consideration is the continued access requirements to the Ainsworth. Delivery, drop off and pedestrian access must be retained while the construction of the IASB Addition is undertaken.

Legend

- Phase 2 Works Boundary
- Area to be made good.
- Podium Landscape / Amenity Space
- Ground Floor Vehicle Drop Off / Access To Car Park

- 1 Proposed landscape and amenity space to podium.
- 2 Removal of 6 car parking spaces.
- 3 Retention of existing loading and drop off zone to Ainsworth Building.
- 4 5 No. Disabled Car Parking spaces removed as part of public domain redesign.
- 5 Maintain existing access around Ainsworth Building.



4.0 Landscape Proposals

LEVEL 00 General Arrangement

The landscape design responds to its context and creates a welcoming entrance to the IASB Addition featuring high quality planting, paving and street furniture.

The planted areas outside the IASB Addition entrance will feature raised steel planters with a palette of native shrubs, grasses and ground covers. Native feature trees will add structure and shade to the garden.

The western planter will feature species that will cascade over the edge and create a green ‘veil’ in front of the basement wall.

Seating areas create a space for staff to break away and take a moment, socialise or eat lunch.

A larger, social space and a series of small private seating areas are offered to accommodate a variety of use.

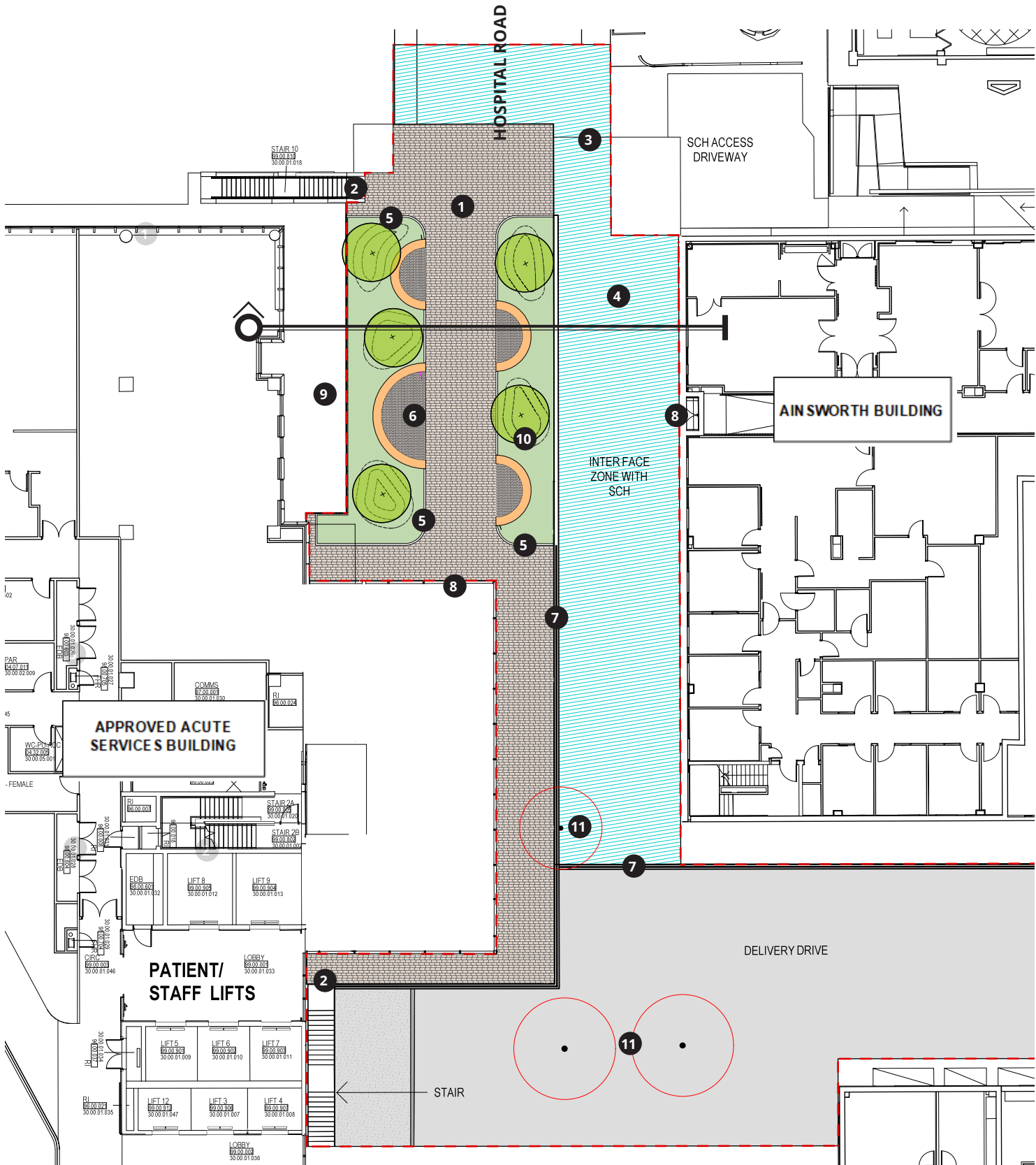
Existing access will be maintained to the Ainsworth Building and where significant level change occurs, a retaining wall and protective handrail will be used.

Existing delivery and drop off access is also maintained to the Ainsworth, which will be made good post construction.



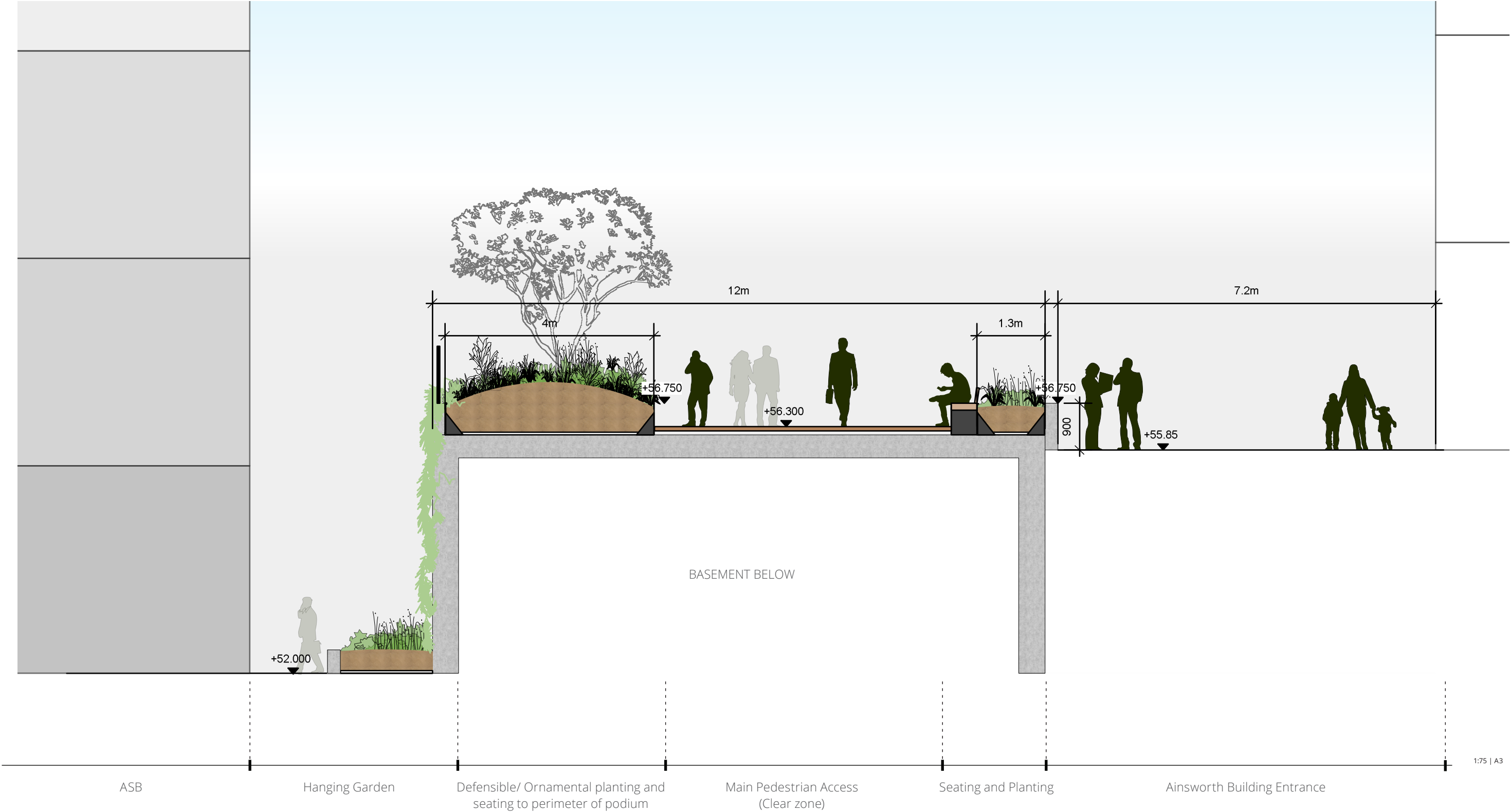
CHARACTER IMAGES

- Legend
- 1 Primary pedestrian connection from Hospital Road to building entry
 - 2 Secondary pedestrian connection
 - 3 Public drop-off
 - 4 Area to be made good and access maintained to Ainsworth Building.
 - 5 Raised planters on podium
 - 6 Social seating / break out spaces
 - 7 Handrail to edge of retaining wall
 - 8 Main Ainsworth Building entry
 - 9 Internal lower level courtyard & hanging garden
 - 10 Native ornamental tree and understorey planting
 - 11 Existing tree removed

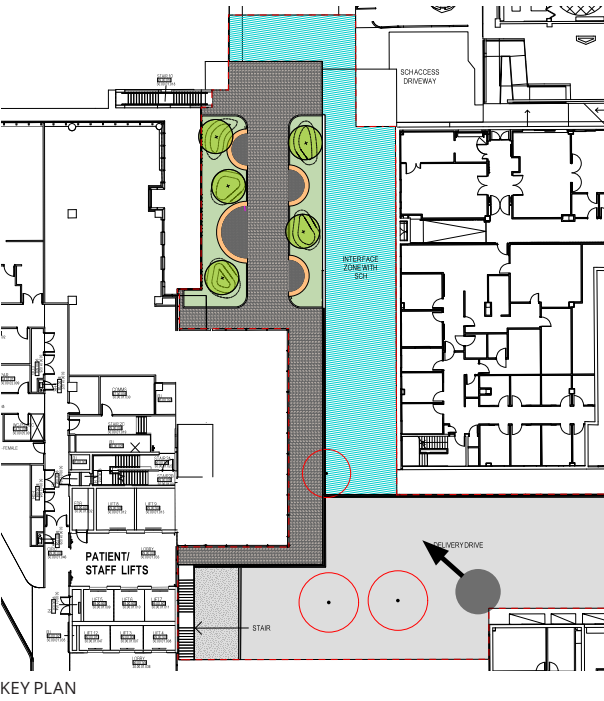


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LEVEL 00 Section

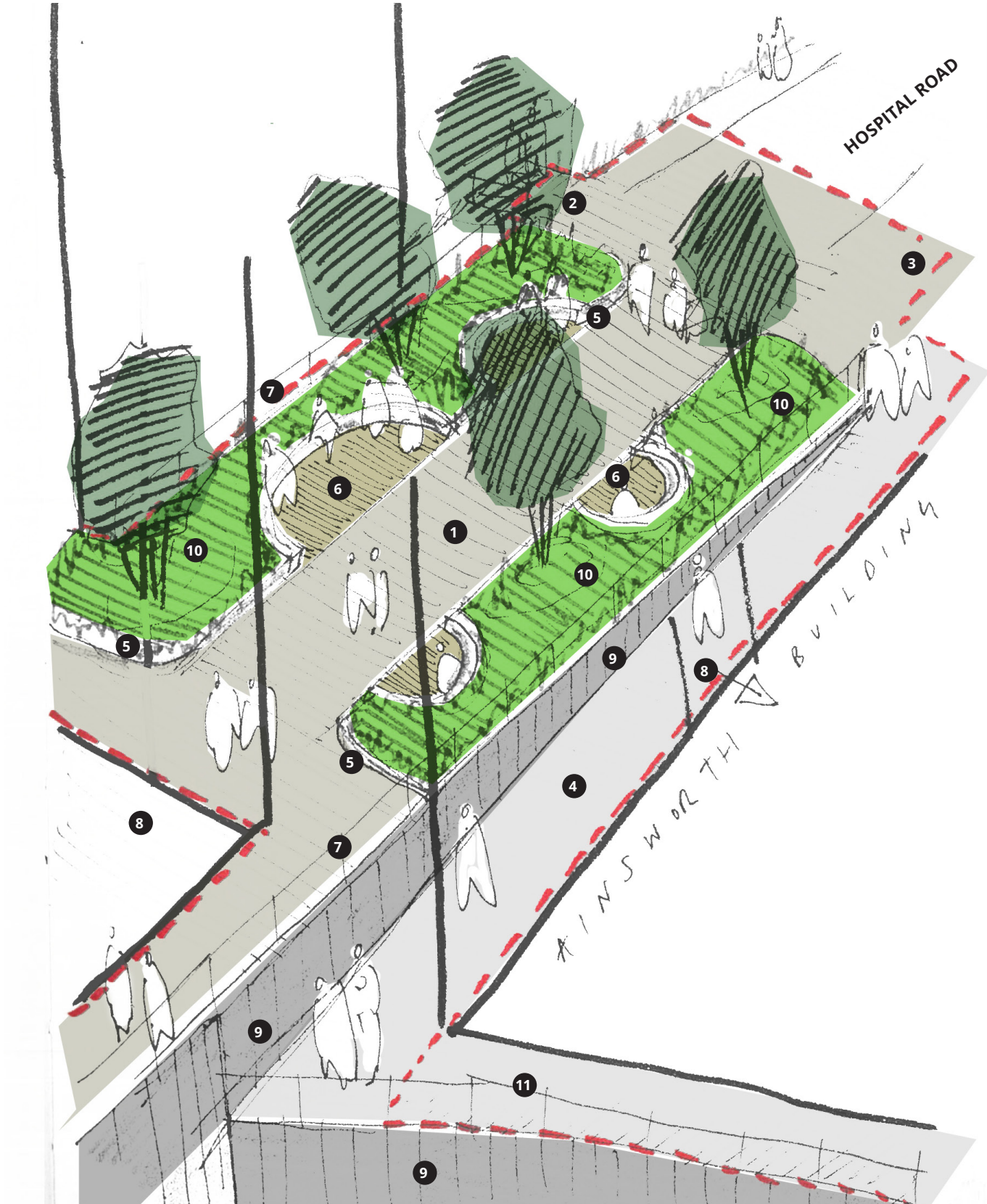


LEVEL 00 Landscape Design



KEY PLAN

- Legend
- 1 Primary pedestrian connection from Hospital Road to building entry
 - 2 Secondary pedestrian connection
 - 3 Public drop-off
 - 4 Area to be made good and access maintained to Ainsworth Building.
 - 5 Raised planters on podium
 - 6 Social seating / break out spaces
 - 7 Handrail
 - 8 Main Ainsworth Building entry
 - 9 Retaining wall
 - 10 Native ornamental tree and understorey planting
 - 11 Access to delivery drive maintained



SKETCH VIEW

LEVEL 00 Material Palette

Hardworks

The public domain will feature concrete pavers, raised steel planters and curved bench seats with back rests. Materials and finishes are consistent with the wider masterplan landscape design.



Timber seating with backrests



Concrete pavers



Raised steel planters



Decorative gravel mulch

Softworks

Planting within the amenity space includes a range of native species with a focus on bright flowered and bird attracting shrubs and small trees and shade tolerant species.

SMALL TREES



Tristaniopsis laurina

SHRUBS



Auranticarpa rhombifolia

GRASSES AND GROUNDCOVERS



Austrodanthonia setacea.



Carpobrotus glaucescens

CASCADING PLANTS



Rhipsalis baccifera



Auranticarpa rhombifolia



Macrozamia communis



Pteridium esculentum



Dianella revoluta



Clematis aristata

