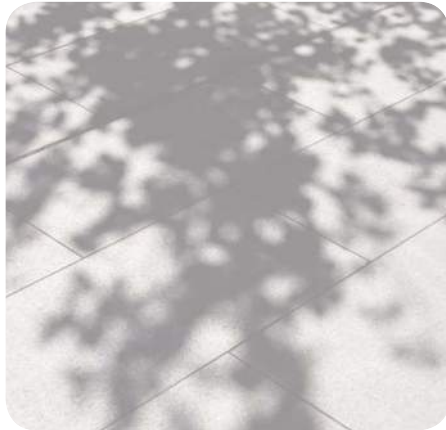




Gosford Hospital
Landscape SSD Report
March 2015



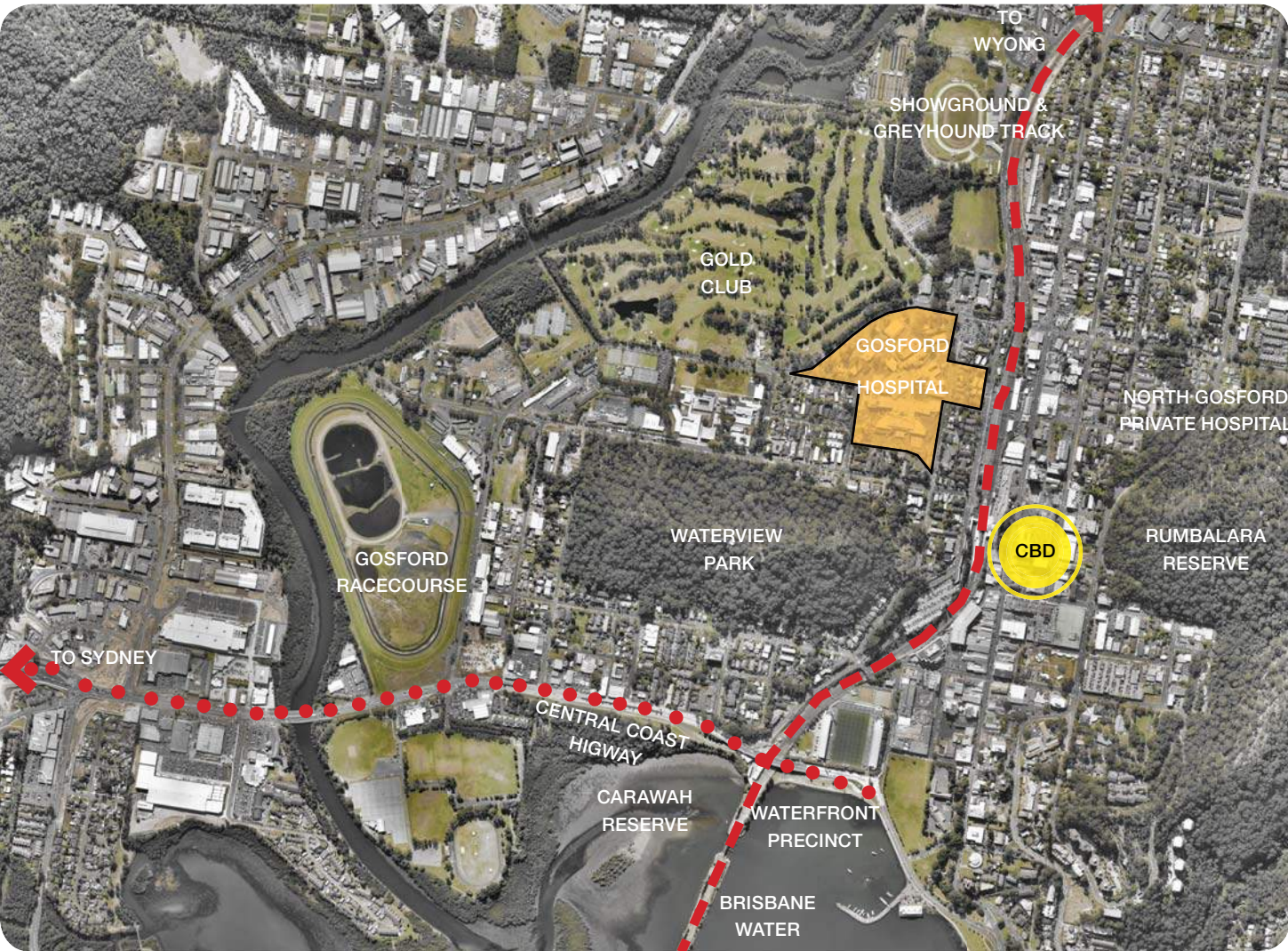


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1.0 Introduction



Introduction

This Landscape State Significant Development Report has been prepared by Site image Landscape Architects on behalf of NSW Health Infrastructure in conjunction with Jacobs to outline the Landscape Design associated with the development proposal for the Gosford Hospital.

This report sets out landscape considerations and design proposals associated with the site development and is to be read in conjunction with related planning, architectural and consultant reports describing the allied aspects of the works. Those reports comprehensively describe the physical site, context, constraints, controls, and built form and associated proposals and assessed impacts and benefits. This report will focus on landscape aspects of the site and proposals, and aims to minimize duplication of information contained in accompanying reports.

Generally, this report describes the existing landscape conditions, the development and landscape considerations and design responses.

NOTE: ALL WORK ILLUSTRATED IN THIS REPORT IS **SCHEMATIC ONLY**. DETAIL DESIGN IS TO OCCUR AT A LATER STAGE.

Site Context

Located approximately 50Km north of Sydney with access via the F3 freeway and a regular electrified train service, the site is close to Gosford CBD and the main railway station. The site is surrounded by residential properties to the east, west and south, the golf course and Victoria Park to the north and schools to the north east. The CCLHD owns many of the properties adjacent to the site, particularly along Holden Street to the east.

The 8.1 hectare campus is bounded by Racecourse Road, Holden Street, Bean Street West, Cape Street and Ward Street. An internal hospital-owned road, Hospital Street, traverses the site. A feature of the site is the steep topography – sloping from RL34 at the Level 4 main entry down to almost RL15 at Racecourse Road (approximately 19 vertical metres). Similar topography is evident between the main hospital entrance and the railway / CBD, making pedestrian access challenging.



2.0 Existing Landscape Character



The existing site is comprised predominantly of native species referencing the surrounding area however, it still lacks a distinguishable landscape character. Expansive managed lawn areas are found to the north, with patches of endemic tree plantings throughout. The dramatic topography creates views and vistas throughout the site, however there is a lack of site legibility without any distinguishable site axes.

3.0 Proposed Site Plan



The scope of the landscape design, is mainly concentrated on the creation of new courtyards, as well as the refurbishment of 2 existing courtyard areas. Areas disturbed by construction will be re-vegetated / made good.

All courtyards and external spaces, aim to directly respond to the functions demanded on them. However these various spaces i.e Rehabilitation, Geriatric IPU and ICU etc courtyards have similar thread of outcomes;

- provide greenery; allowing for an instant contact with nature for users,
- provide functional and accessible areas for all users,
- provide an easily maintained and sustainable spaces for many future years

KEY

- Trees not identified by arborist
- Trees to be retained
- Trees to be removed
- Refer to Fitzpatrick & Partners drawings

Note: All trees shown to be retained or removed are based off the *Arborocultural Impact Assessment* produced by 'treeIQ' dated 3/03/2015

- 1. New Forecourt
- 2. Courtyard Refurbishment
- 3. New Courtyards
- 4. Make good
- 5. Emergency Department / Ambulance parking



4.1 Forecourt - Vision



Vision

The provision of a new hospital forecourt looks to create an open space area that will provide flexible passive recreation spaces for patients, visitors and staff, while also enhancing pedestrian circulation routes. The forecourt will allow for chairs and tables to spill out into the undercroft

area to utilise space for the new retail area, with additional concrete benches for users. The entrance from Holden Street will also be re-graded with the provision of new ramps and stairs to allow for better access for patients.

- Proposed forecourt
- - - Playground extension for Pediatrics Ward to future detail
- ← - → Building access
- - - Fitzpatrick / Spackman Scope



4.2 Forecourt - Design Overview

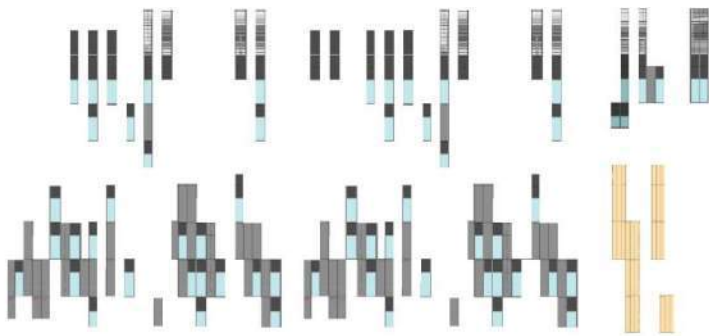
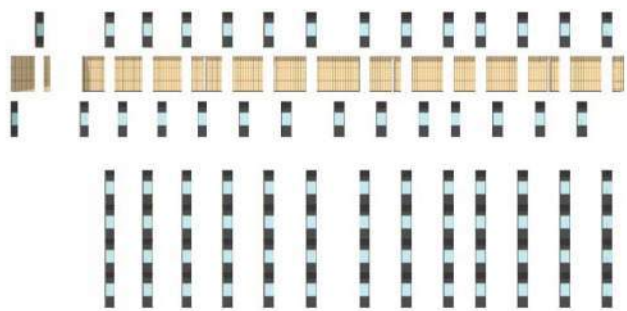
The new landscaped forecourt evokes the strong lineal geometry proposed for the new façade. Lineal bands of planting will extend from window panels on the level above, with specimen shade trees enhancing these axes.

The forecourt is defined by a series of lawn nodes with bench seating for staff, patients and visitors to enjoy. The paving banding encroaches on the lawn areas to allow for wheelchair access to ensure an equitable space for all uses.

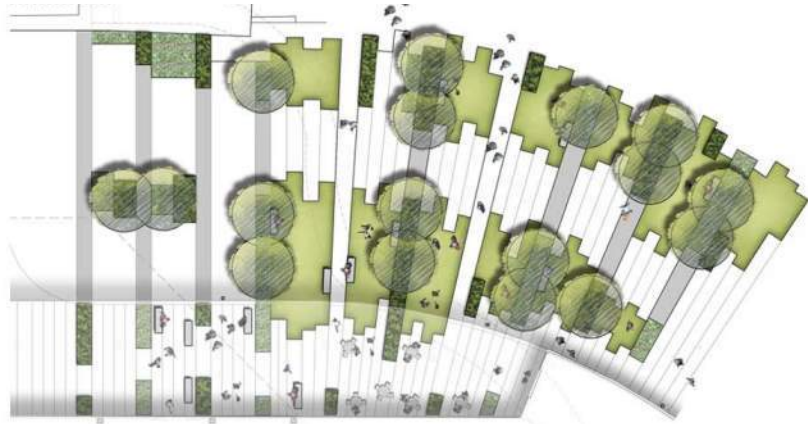
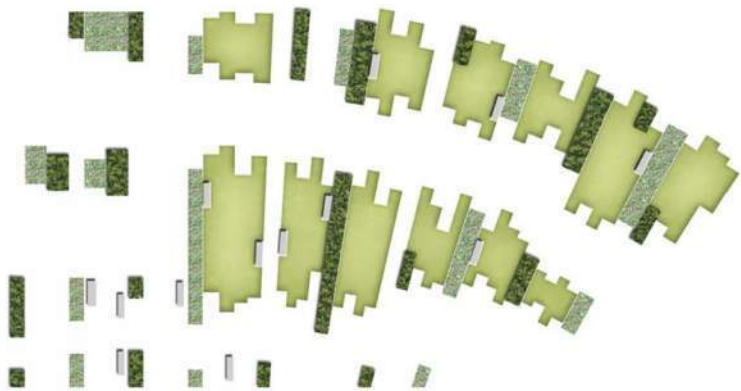
Cross site links have been carefully selected to allow access to the existing Mental Health building. The design is also sympathetic to the new Health and Well-Being Precinct being constructed east of the site, with the lineal modulation reflected throughout both designs.



New Build Elevation - The facade is comprised of vertically arranged panels that create a unique, and strong lineal geometry



The vertically arranged panels can be extruded into the landscape to establish a language between the built form and the forecourt.



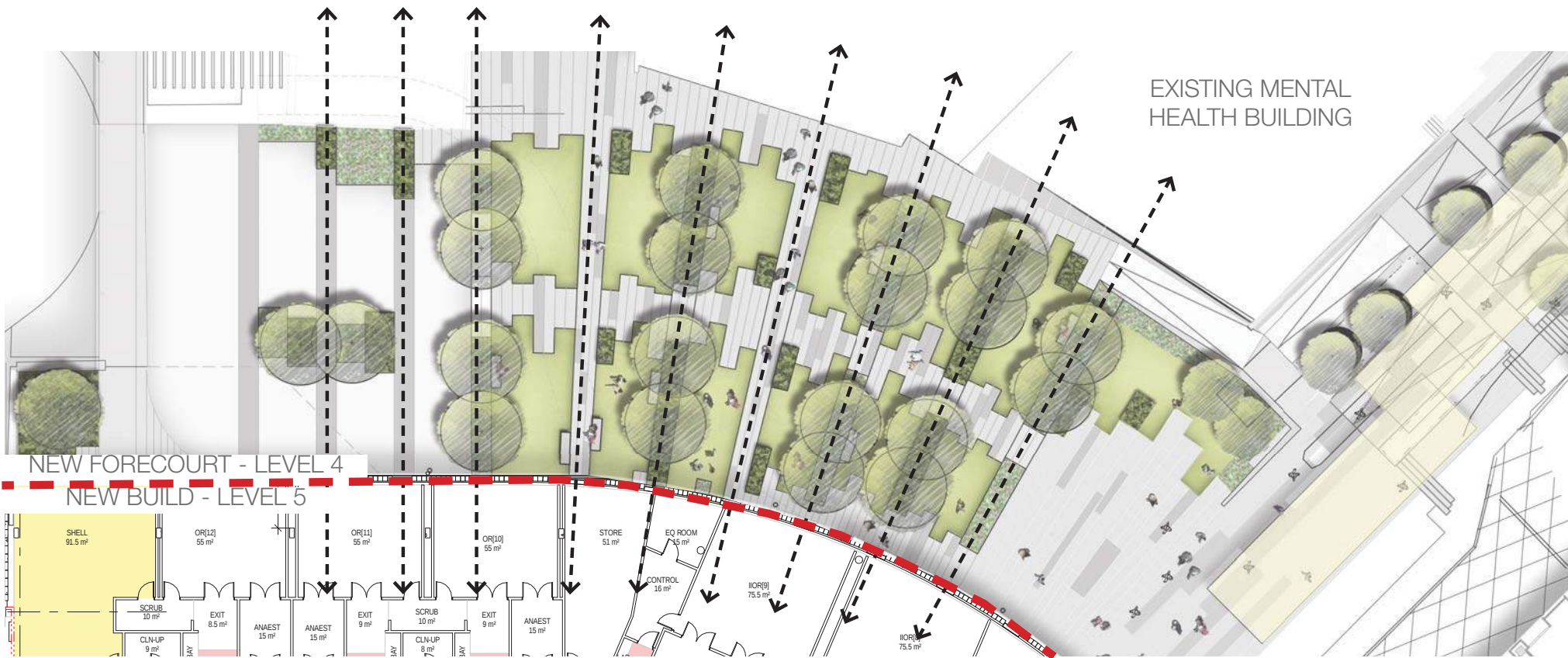
Landscaped Forecourt: The shifting lineal bands in the landscape will create unique respite nodes for patients, visitors, and staff. Planting strips will create subtle boundaries between these nodes, offering privacy while still retaining clear sightlines.

4.3 Forecourt - Desire Lines



New Build - Elevation

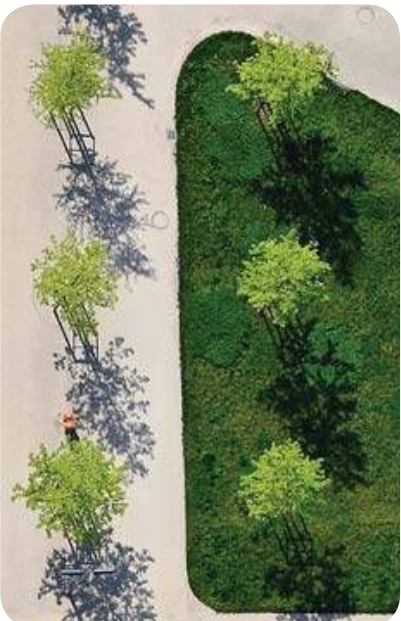
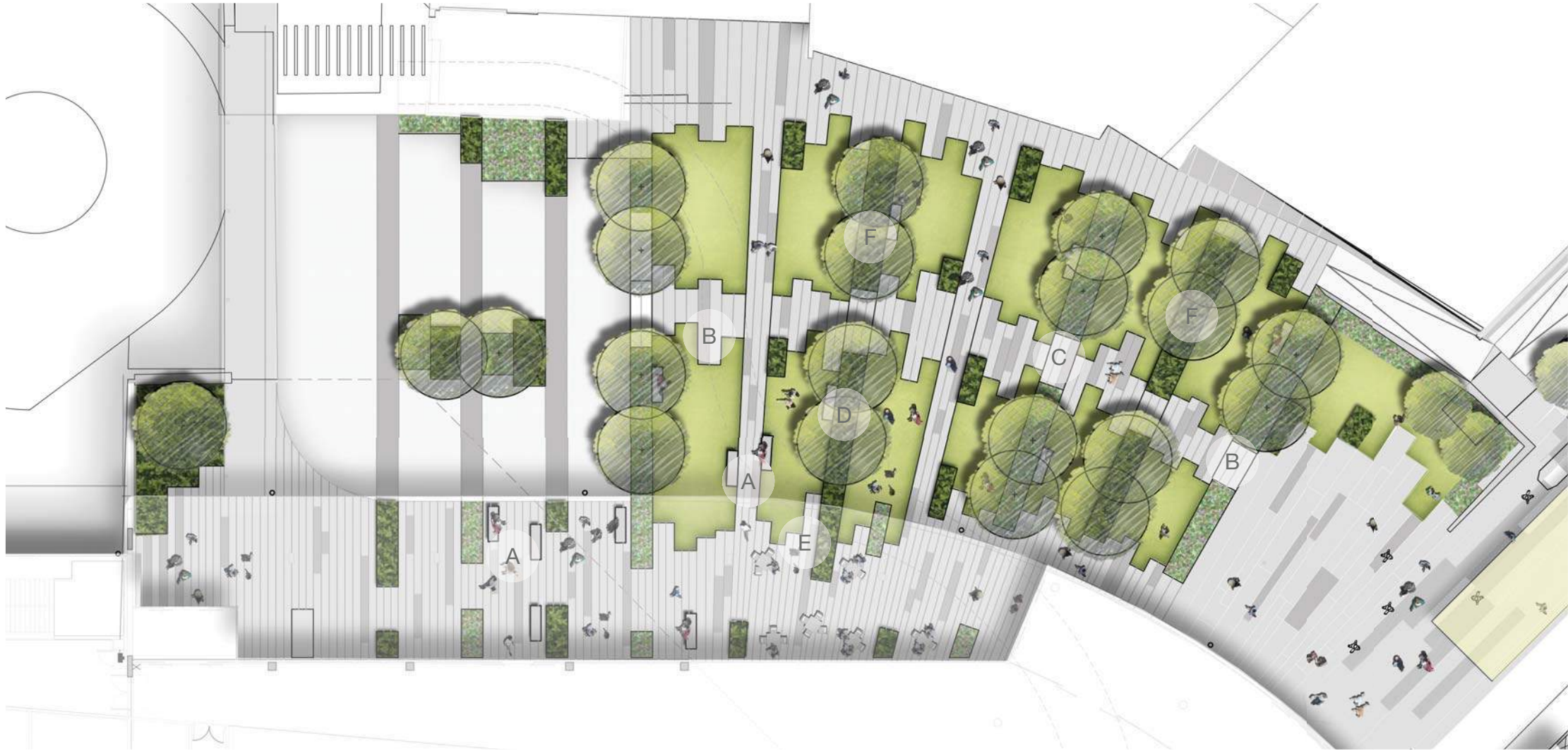
The strong axes created from the glazing and charcoal coloured panels on level 5 will extend into the landscape below on Level 4.



Level 4/ 5 Composite Plan

Lineal bands of planting/ pathways on level 4 will reflect the facade on level 5. Clear canopy shade trees will enhance these axes while also providing vertical articulation to the space.

4.4 Forecourt - Precedents



F - Lines of specimen trees



E - Lineal modulation



A - Concrete bench seating



B - Lineal banding

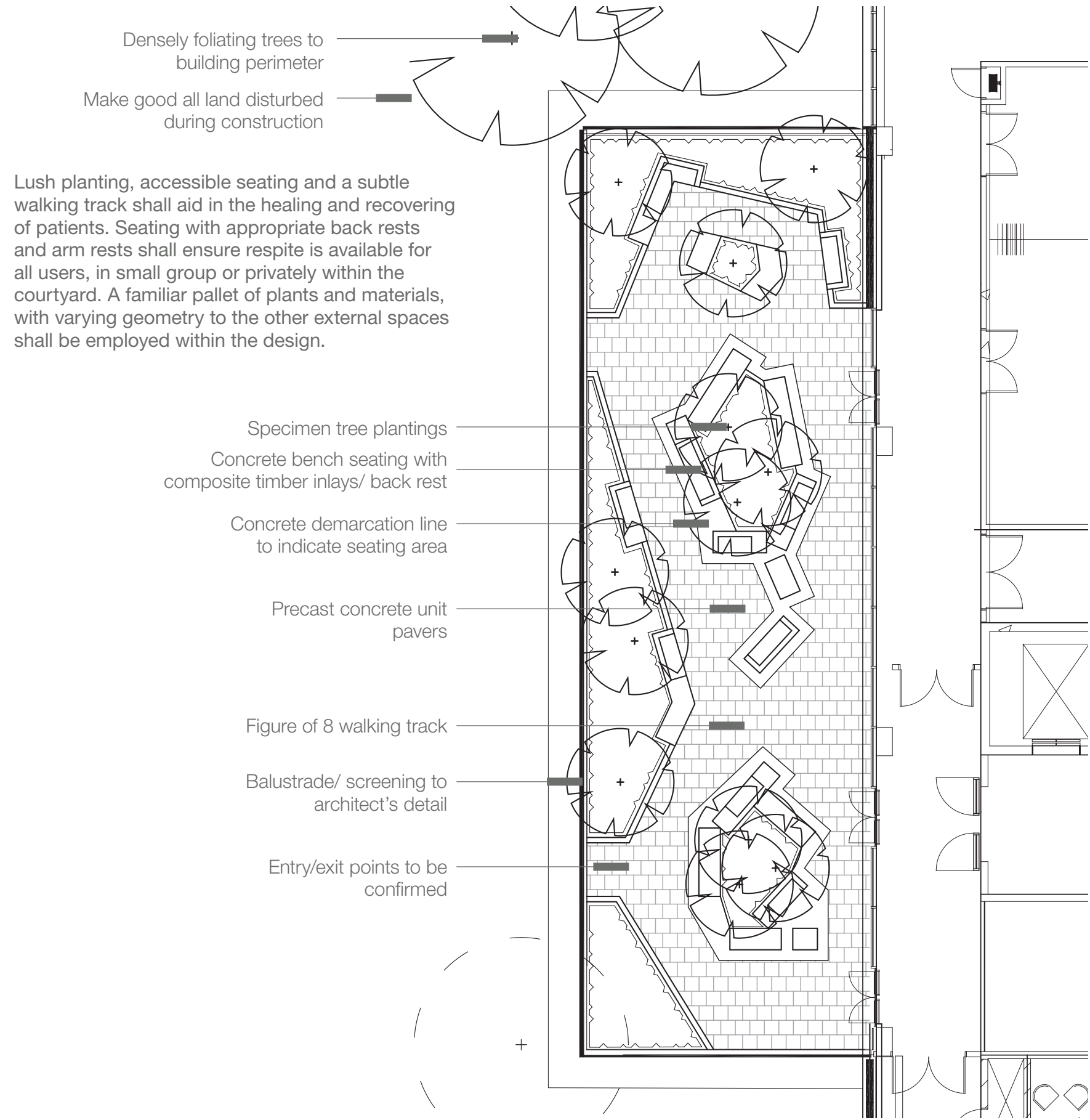


D - Planting strips

C - Feature paving



5.1.1 Level 1 - Rehab Courtyard



Charcoal unit pavers



Specimen tree plantings



Island planters



Geometric shapes in paving

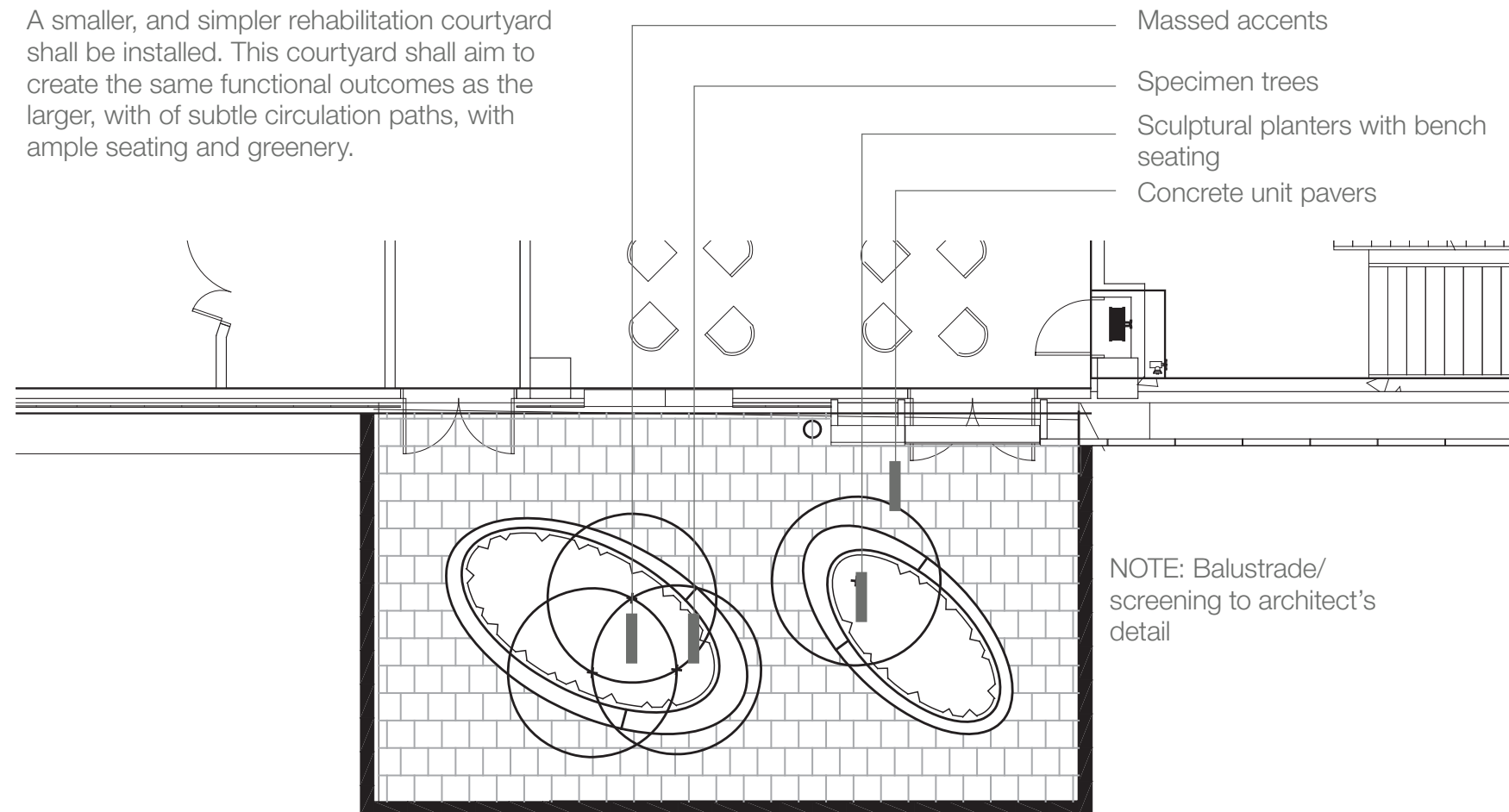


Bench seating with back & arm rests



5.1.2 Level 1 - Rehab Courtyard

A smaller, and simpler rehabilitation courtyard shall be installed. This courtyard shall aim to create the same functional outcomes as the larger, with of subtle circulation paths, with ample seating and greenery.



Seating with back and arm rests



Specimen tree plantings



Accent planting



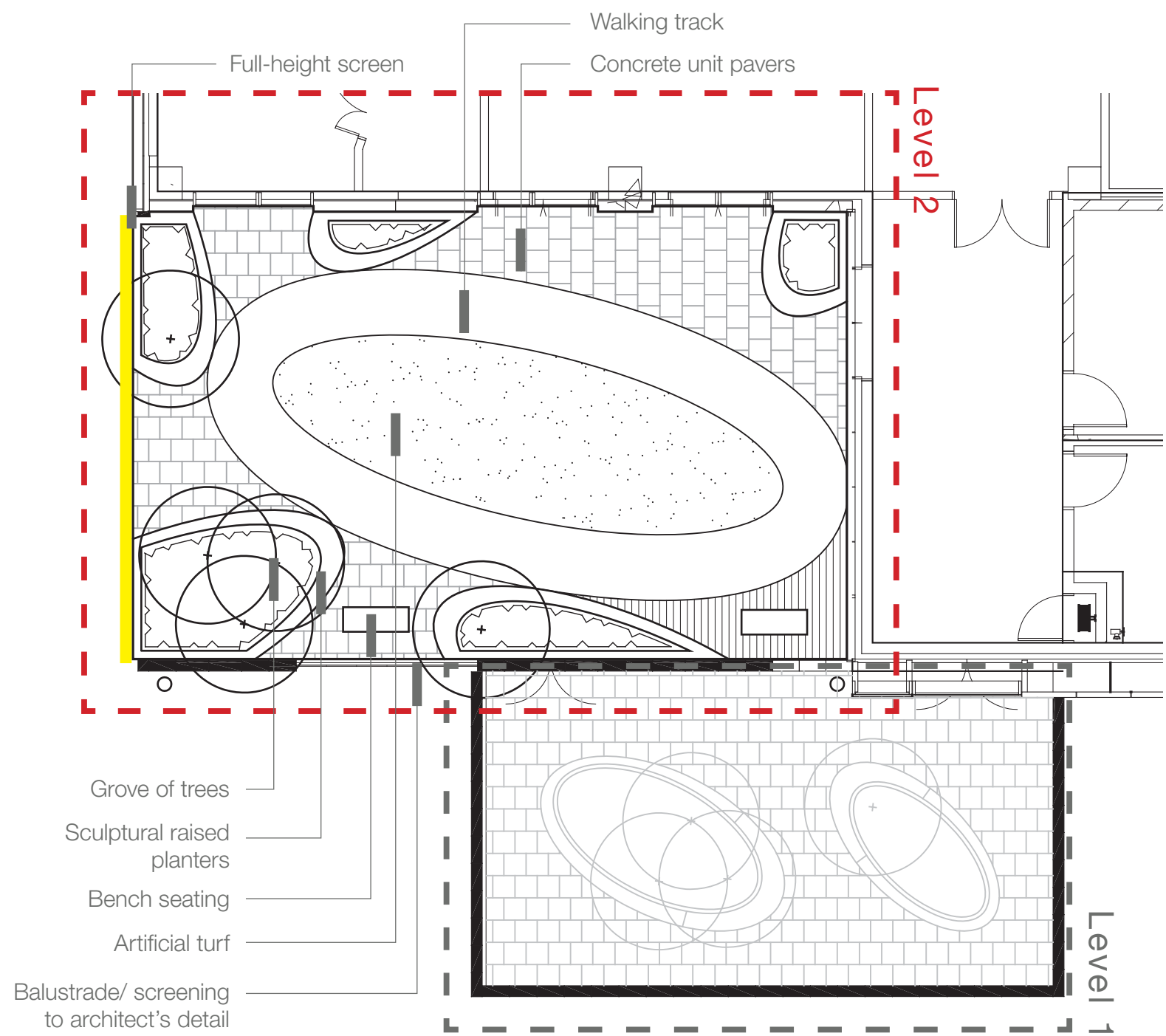
Sculptural raised planters



Sculptural raised planters



5.2 Level 2 - Geriatric IPU Courtyard



A clear circular ‘track’ for the geriatric courtyard, surrounding artificial turf will be the main feature in the this courtyard. Accessible seating and rest areas shall be incorporated. While there is a mix of ground plan materials, all shall be flush to avoid trip hazards.



Grove of trees



Seating with back and arm rests



Precast concrete unit pavers



Sensory plantings

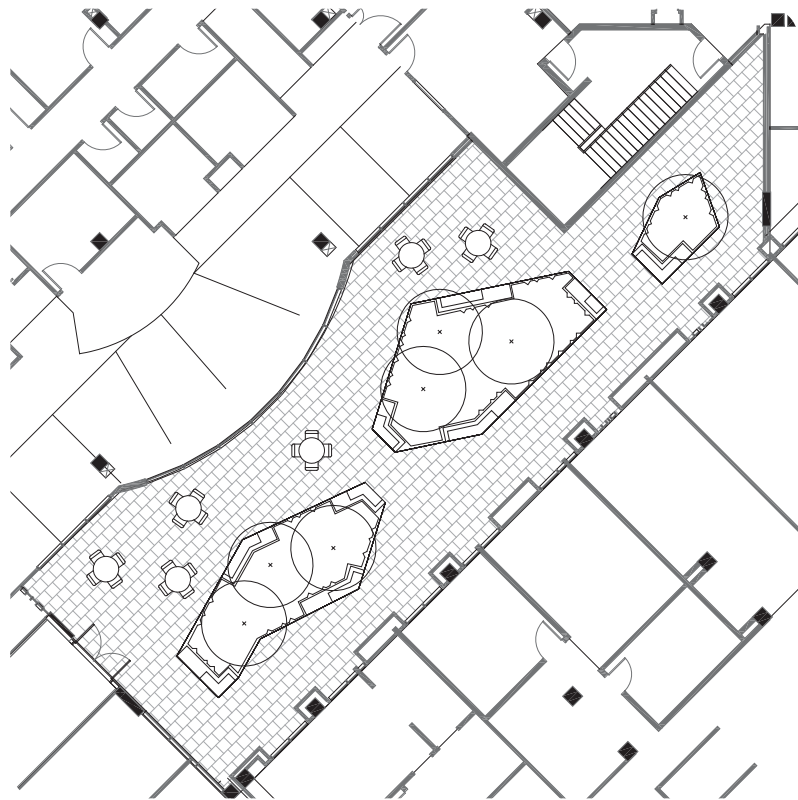


Sculptural raised planters

5.3 Level 3 - Courtyard Refurb



Perspective



Plan

Budget prohibitive, a refurbishment of the existing courtyard will aim to provide a cohesive aesthetic across the hospital, increase greenery (for both users within and staff and patients views inwards), up graded seating and general amenity of this existing space.



Concrete benche seating with composite timber inlays



Native plant mix



Sculptural shapes to be viewed from above

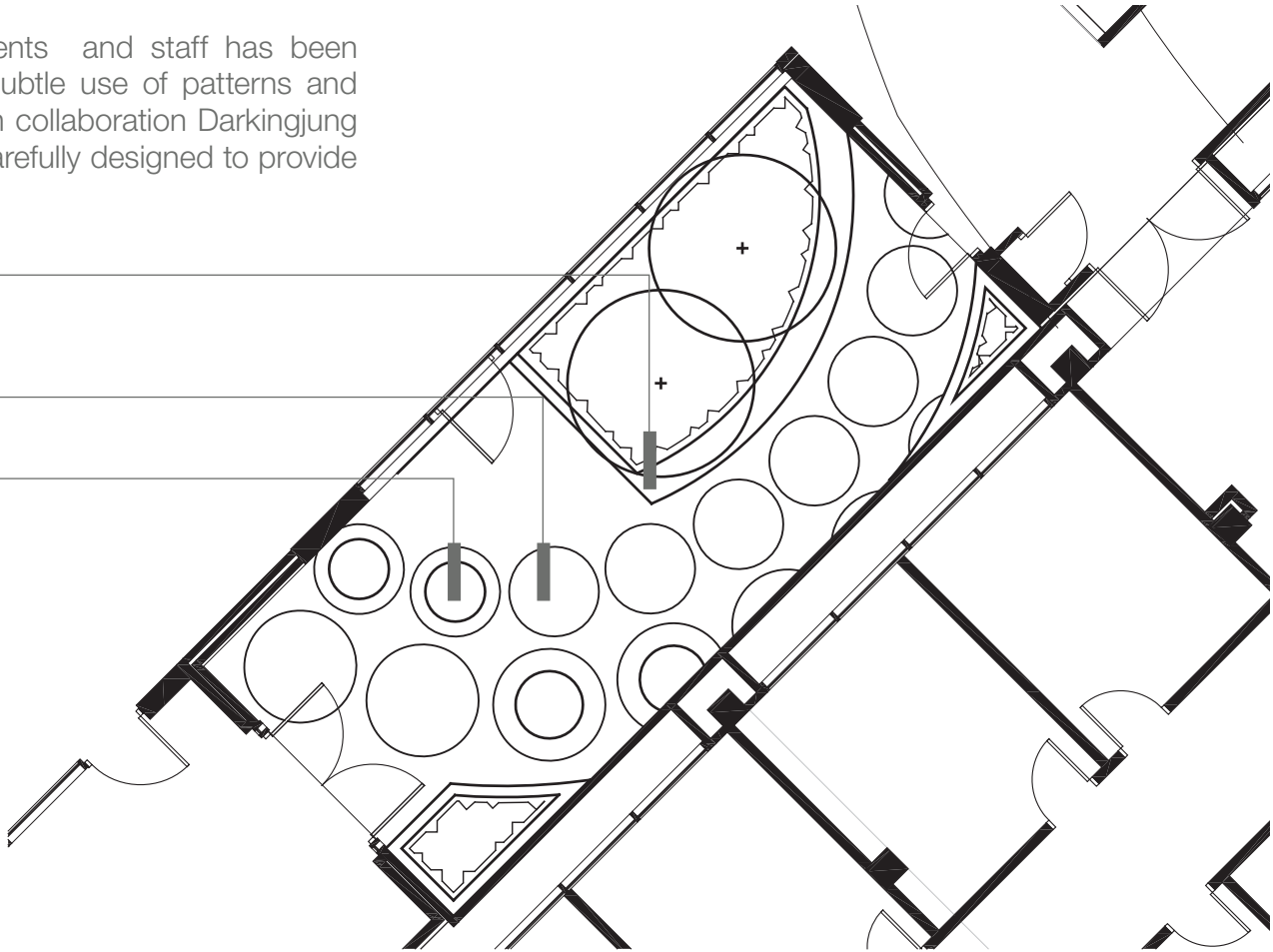


Concrete unit pavers

5.4 Level 4 - Cultural Courtyard

A cultural courtyard for indigenous visitors, patients and staff has been proposed. Whilst the design is only schematic, subtle use of patterns and colours would be encouraged. This will be done in collaboration Darkinjung Local Aboriginal Land Council. The area is to be carefully designed to provide screening to create a private area for reflection

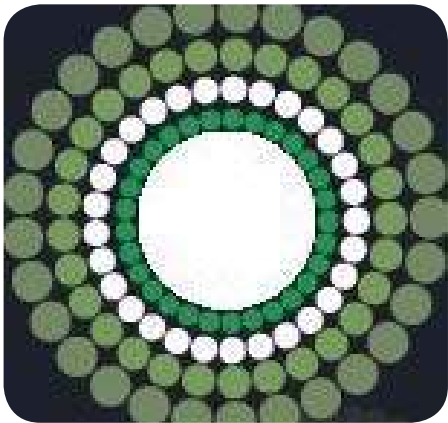
- Bench seating with timber inlays
- Interpretive paving inlays
- Sculptural raised seating



Bench seating with timber inlays



Indigenous art to be incorporated with seating



Darkinjung Land Council - Design generator



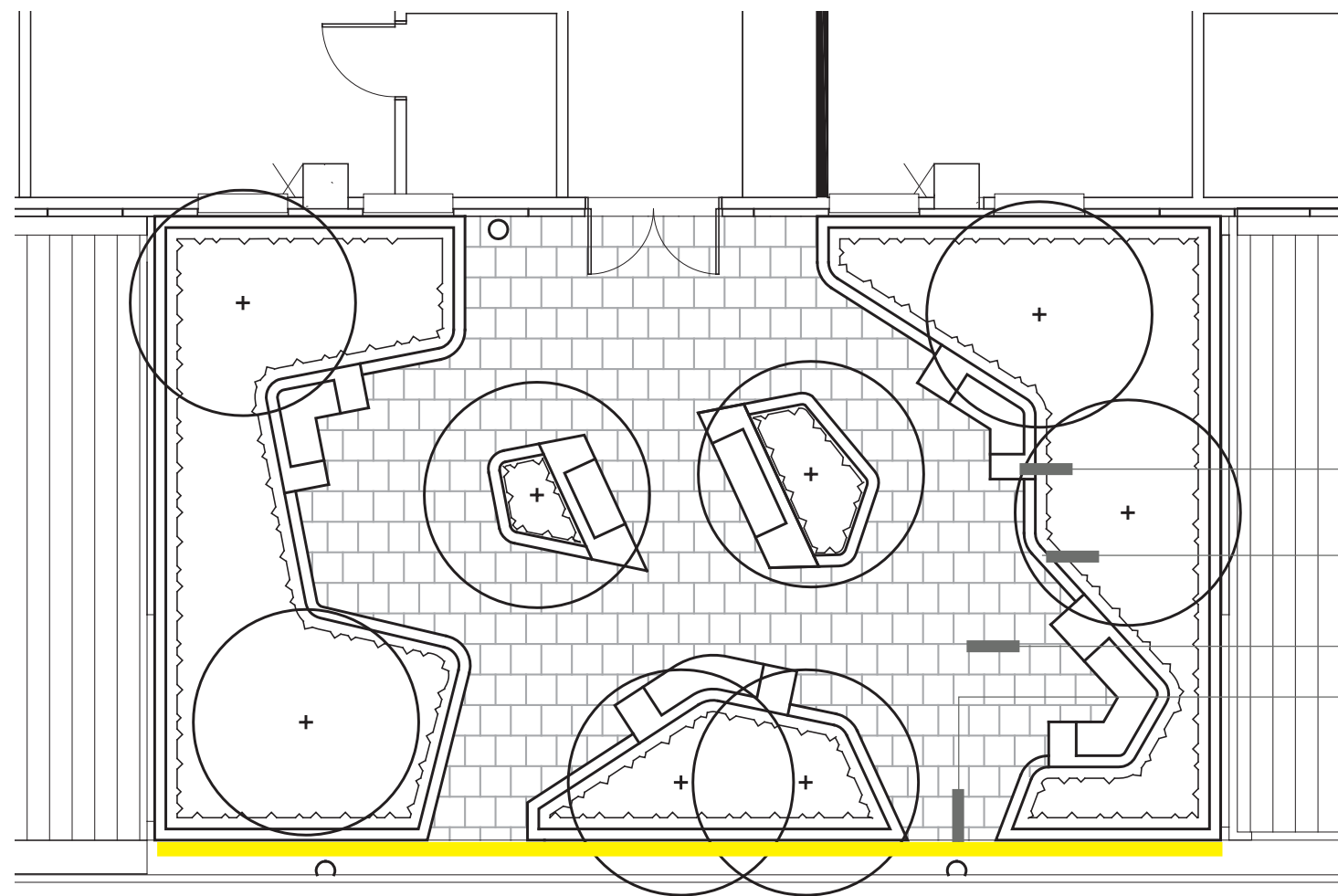
Interpretive paving inlays



Sculptural raised seating



5.5 Level 6 - ICU Courtyard



The ICU courtyard, will employ similar material to the other courtyards, with an organic geometry, providing a large area of greenery and vegetation, ample seating for small groups (2-3) and individuals.

- Concrete bench seating with timber inlays
- Sculptural raised planters
- Precast concrete unit pavers
- Impermeable balustrade/ screen to architect's detail



Massed grass and accent planting



Sculptural raised planters



Concrete bench seating



Seating nodes



Massed grass and accent planting



6.0 Planting Palette



Angophora costata



Angophora floribunda



Tristaniopsis laurina



Backhousia citriodora



Banksia serrata



Acmena smithii



Doryanthes excelsa



Leptospermum



Banksia robur



Westringia fruticosa



Lomandra confertifolia



Dianella revoluta



Dianella caerulea



Poa labillardieri



Lomandra longifolia

All proposed plants are locally indigenous species and have been selected in accordance with the 'Kidsafe NSW Playground Advisory Unit's *Plants for Playspaces*' document.

