

Wise Wellness, Mulgrave Children's Centre - Town Planning

Prepared for

Issuec

05 October 2017

We create amazing places



SJB is passionate about the possibilities of architecture, interiors, urban design and planning.

Let's collaborate.

Version: 01
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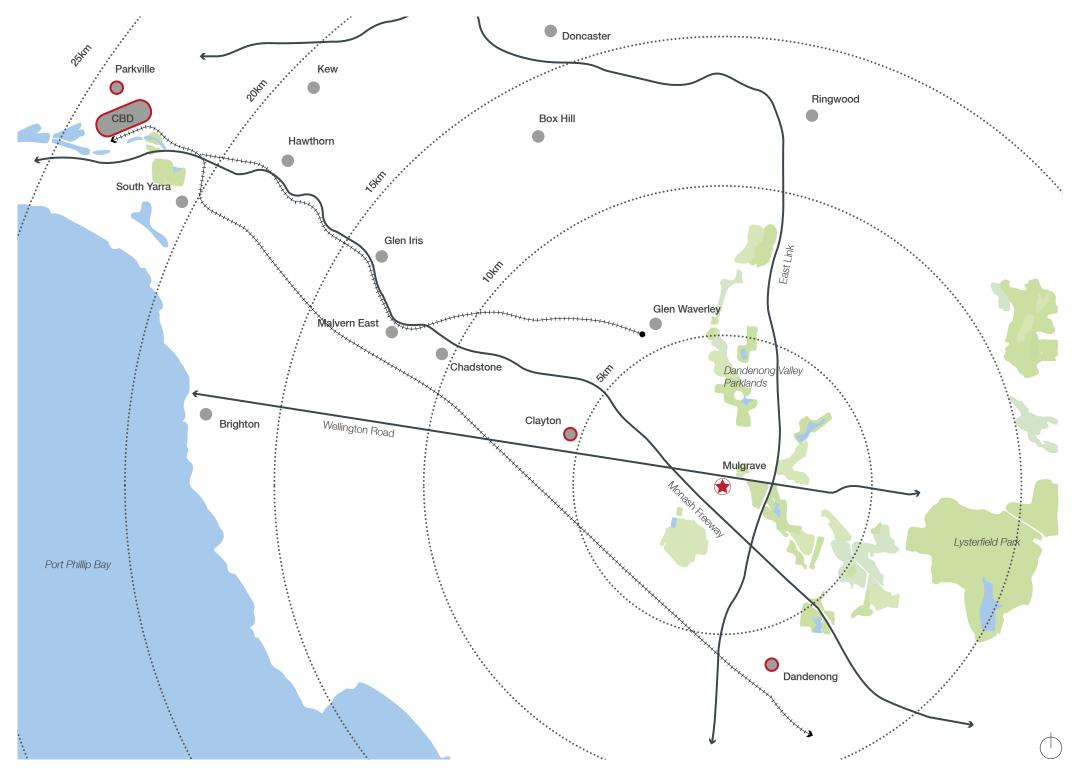
1.1 Strategic Site Location

Located in the suburb of Mulgrave, 25km southeast of the Melbourne CBD, the subject site is in a predominantly low-density residential area adjacent to the suburbs of Clayton, Clayton South, Springvale, Wheelers Hill and Notting Hill.

Monash Freeway and the East Link are the major roads and transport corridors connecting the site to the Melbourne CBD and other regional precincts. Wellington Road provides direct connection to Port Phillip Bay and its adjacent suburbs.

The site benefits from proximity to areas of interest, such as Dandenong Valley Parklands (1.6km), and Dandenong and Clayton national employment and innovation clusters (1.8km and 5.3km respectively).

Glen Waverley is the closest railway station, 6.2km north west of the site. High-frequency bus services (routes 900, 802, 682, 850, 691, 862) with stops on Wellington Road and Jacksons Road directly adjacent to the site, ensure residents enjoy ready access to surrounding neighbourhoods.



Subject Site
Town Centres
National Employment Cluster
Arterial Route
Railway Line

1.2 Urban Context

Location

At a neighbourhood scale the site is almost completely cut-off from the surrounding residential context, both visually and physically, with Wellington Road running along its northern perimeter and Jacksons Road along its eastern perimeter intersecting in the northeast corner. Both roads, in particular Wellington Road, carry heavy vehicle traffic, including buses and trucks, which create a barrier between the site and its surrounding residential context.

The separation of the site is accentuated by the internal and surrounding topography with a steep slope from the western boundary down toward the east and another one between the two land parcels. The site level is above the residences across Wellington and Jacksons Roads and below the developments along its southern and western perimeters.

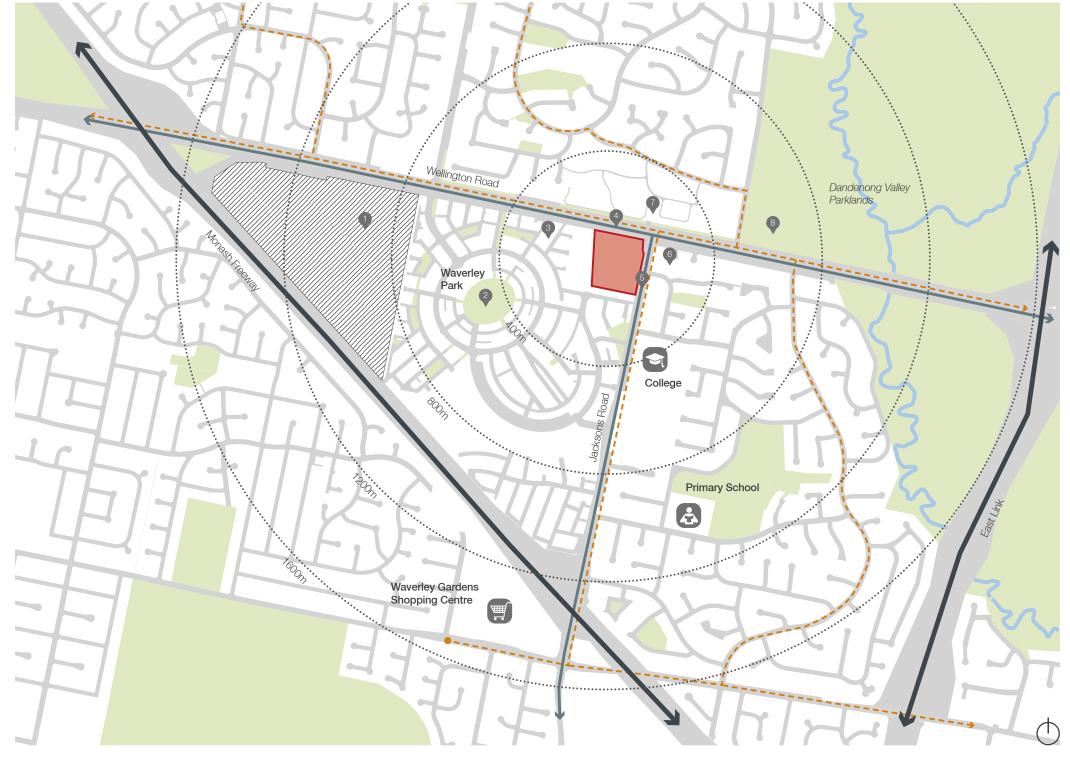
This level separation leads to a lack of connectivity with the surrounding context however, it provides opportunities for an higher built form with very limited amenity impacts on neighbouring developments.

Built Form

The subject site currently lacks an established urban typology or a defined urban configuration. The existing buildings are recessed from the roads and cannot be seen by pedestrians and drivers passing by.

In contrast, the surrounding development pattern is generally comprised of one and two-storey detached single houses with some warehouse buildings along Wellington Road. Within this context the site presents an opportunity to introduce a new urban typology that is responsive to neighboring properties, while addressing street frontages.

Subject Site
Land Parcels
Warehouse/Industrial Typology
Low Scale Residential Context
Open Space
Freeway
Arterial Route
Bus Route



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1.3 Site Conditions

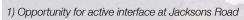
The subject site is a rectangular shape, with a 184 metre frontage to Wellington Road, a 208 metre secondary frontage to Jacksons Road, and an area of 36,673 sqm (being 3.67 hectares). The site's topography rises 15 metres towards the west, with landscape mounding and retaining walls abutting parts of all frontages of the site. It sits adjacent to a low-density residential context, which contains fine grain established detached properties abutting the site to the south. The site currently has two access points, one at Wellington Road the other one at Jacksons Road, which facilitates pick-ups and drop-offs.





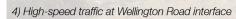
1.4 Photos of Site's Opportunities and Constraints



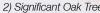


3) Bike path at Wellington Road

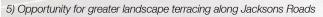














6) Topography levels along the southern boundary of the site

1.5 Existing Planning Controls

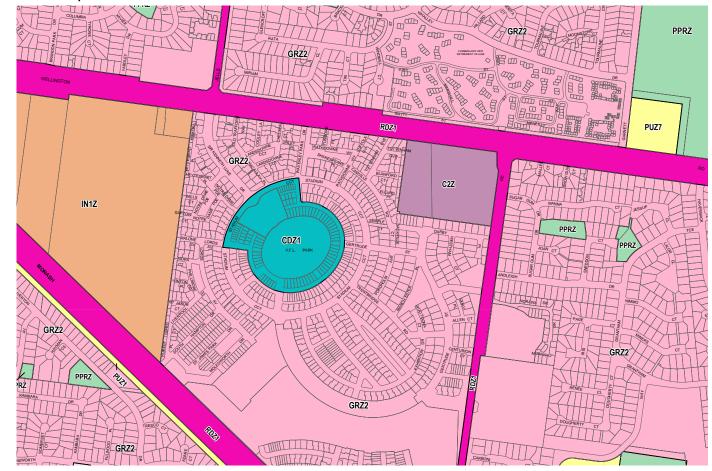
The site is currently zoned Commercial 2 and covered by a notably seeks for a 20-metre building setback from both Design and Development Overlay Schedule 1.

The key purpose of the Commercial 2 Zone is to encourage commercial areas for offices, appropriate manufacturing and industries, bulky goods retailing, other retail uses, and associated business and commercial services. Notably the construction and use of childcare centres are allowed under this zoning.

The key purpose of the Design and Development Overlay is to identify areas which are affected by specific requirements relating to the design and built form of new development. Schedule 1 relates to 'industrial and commercial design' and, whilst not mandatory,

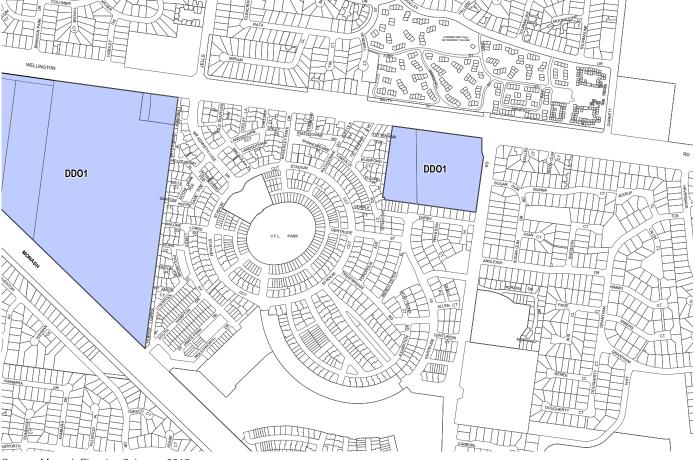
Wellington Road and Jacksons Road along the subject

Zones Map



Source: Monash Planning Scheme, 2014

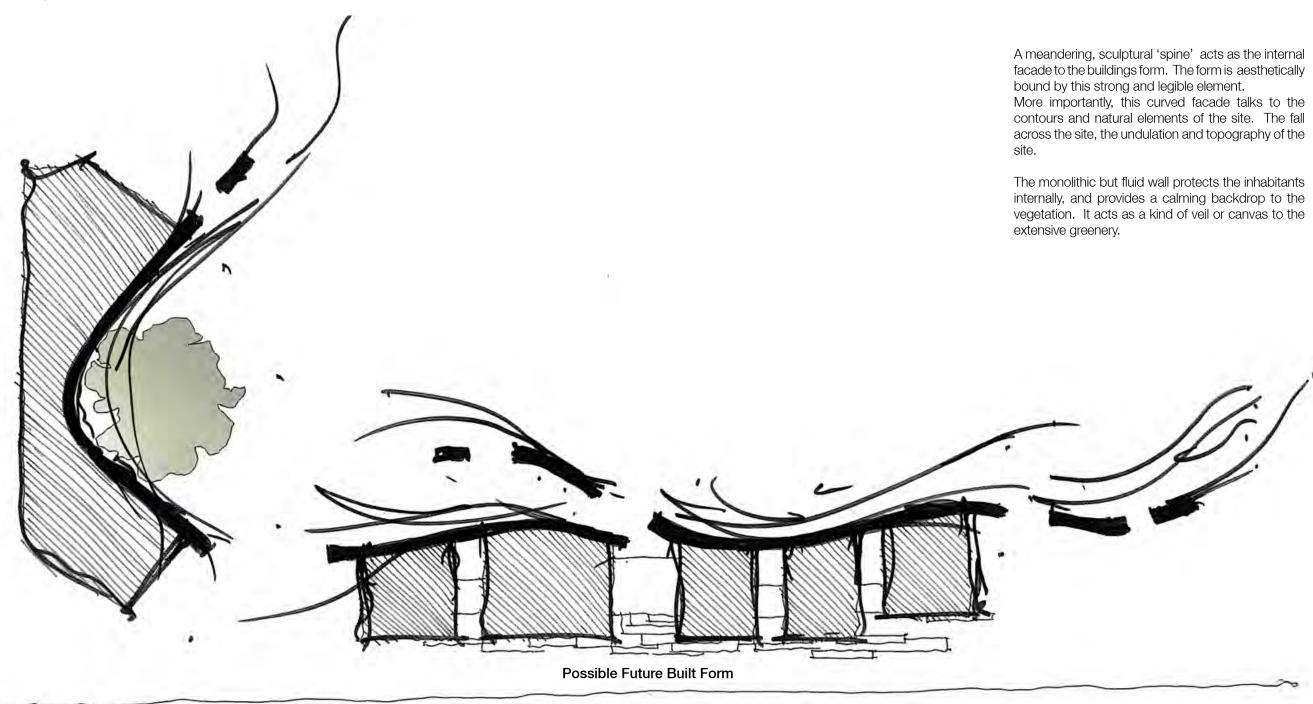
Design and Development Overlay Map



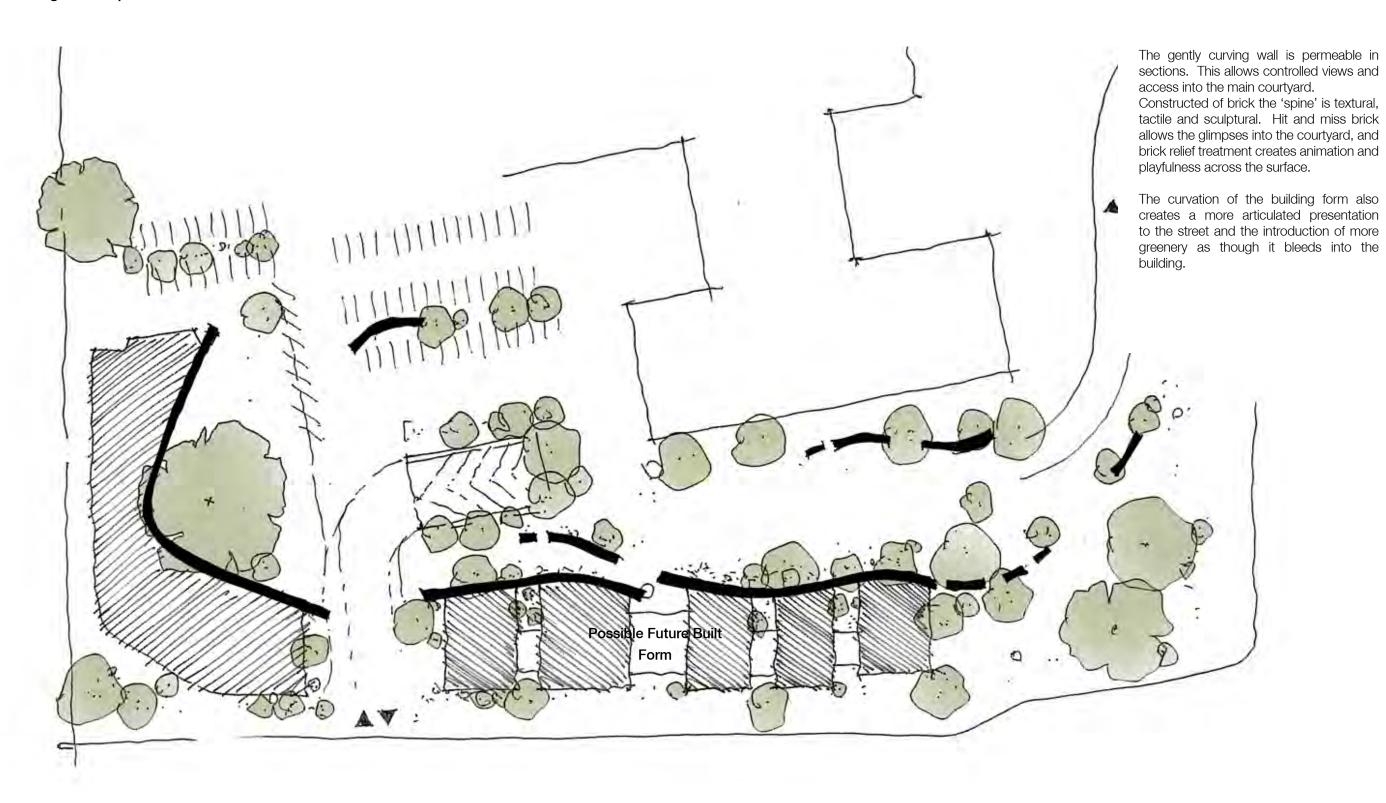
Source: Monash Planning Scheme, 2015

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2.1 Design Concept



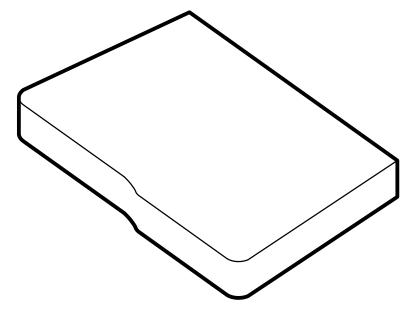
2.2 Design Concept



2.3 Children's Centre Concept

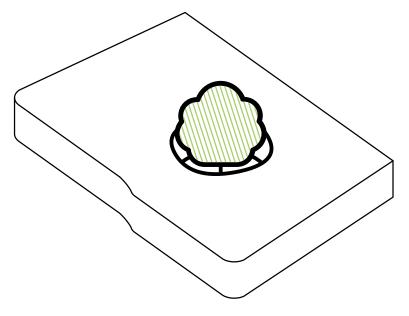


2.4 Massing Diagrams



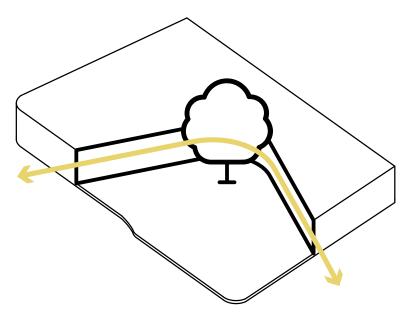
Site:

Two to three level extrusion.



Tree:

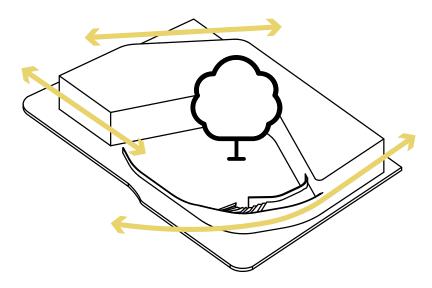
Significant tree retained. Building wraps around tree.



North:

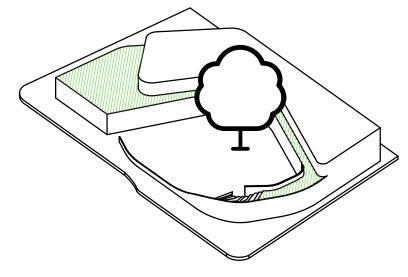
Open up main play space to the north. Tree focal point of sculpting.

2.5 Massing Diagrams



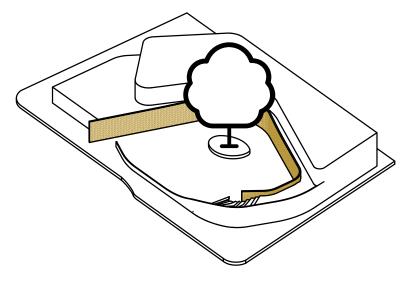
Setback Sculpting:

Building form pulls away from boundary and curve opens up entry.



Rooftop:

Upper level is sculpted revealing north and east facing roof terraces that scoop down to the ground.



Wall:

Brick wall surrounds northern courtyard and continues gesture from Wellness Centre connecting the two buildings sculpturally.

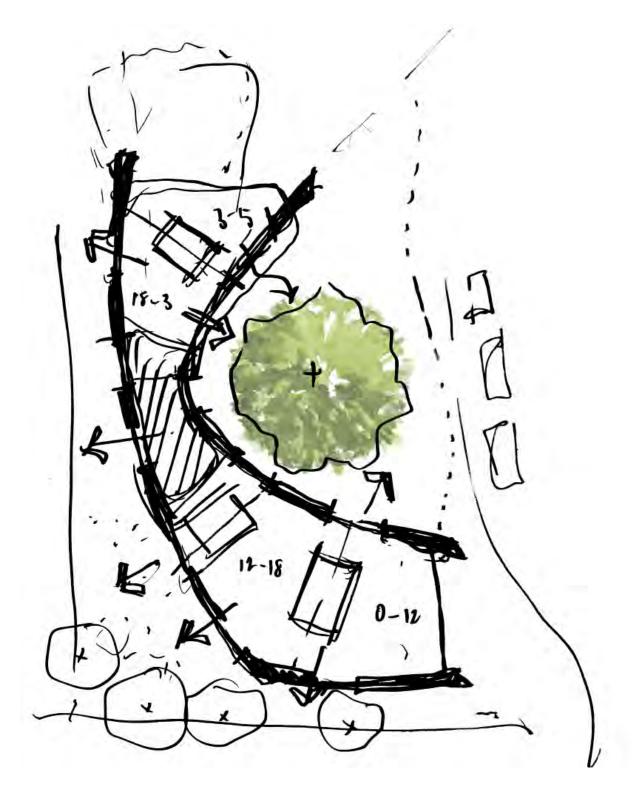
2.6 Design Concept









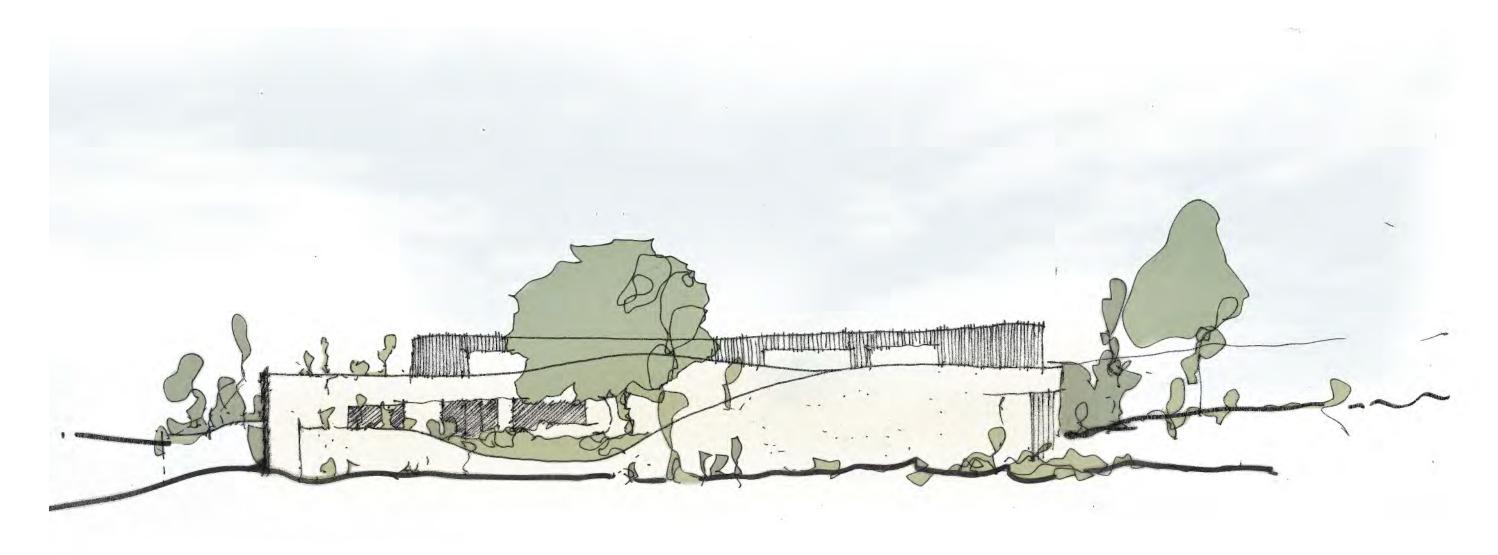


2.7 Design Concept



Internal site view - Looking towards north facade of Children's Centre.

2.8 Design Concept



2.9 Precedent Study



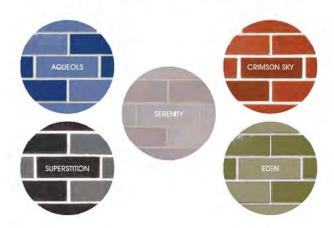






Glazed Brick

Coloured glazed bricks contrast the white sandstone brickwork and charred timber, creating animation and a sense of playfullness along the facade.



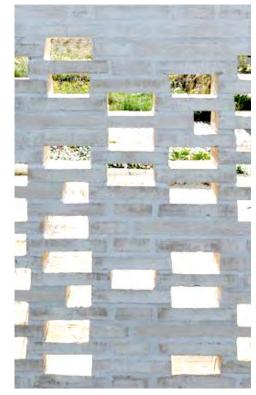
2.10 Precedent Study

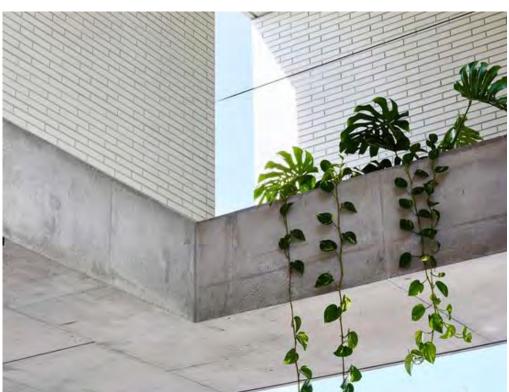












2.11 Precedent Study













2.12 Perspective - North Elevation



2.13 Perspective - Entry



2.14 Perspective - North Courtyard



2.15 Perspective - North Courtyard



2.16 Perspective - Jacksons Road



2.17 Perspective - Jacksons Road looking North



2.18 Perspective - Topographical Change in Height along Southern Boundary

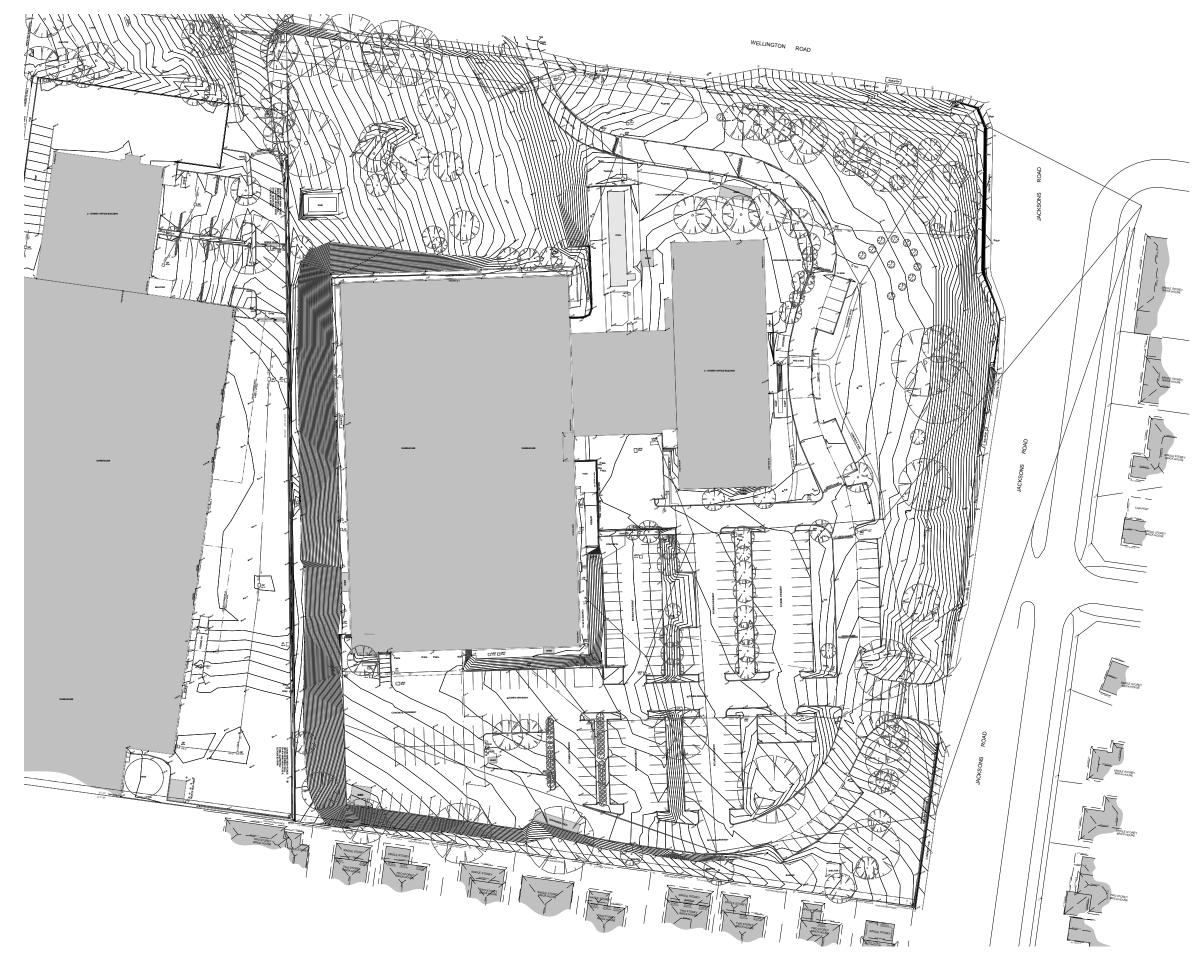


Looking North from Jacksons Road.

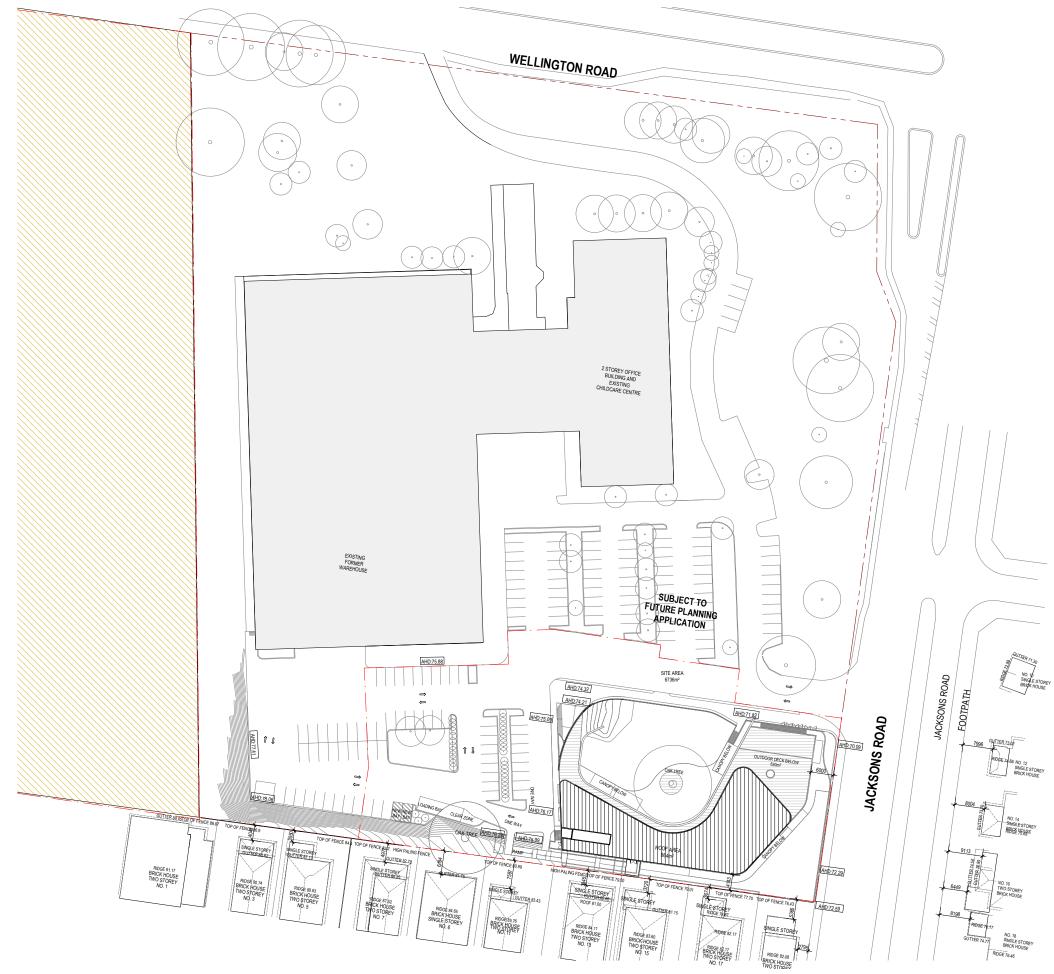
Documentation

J

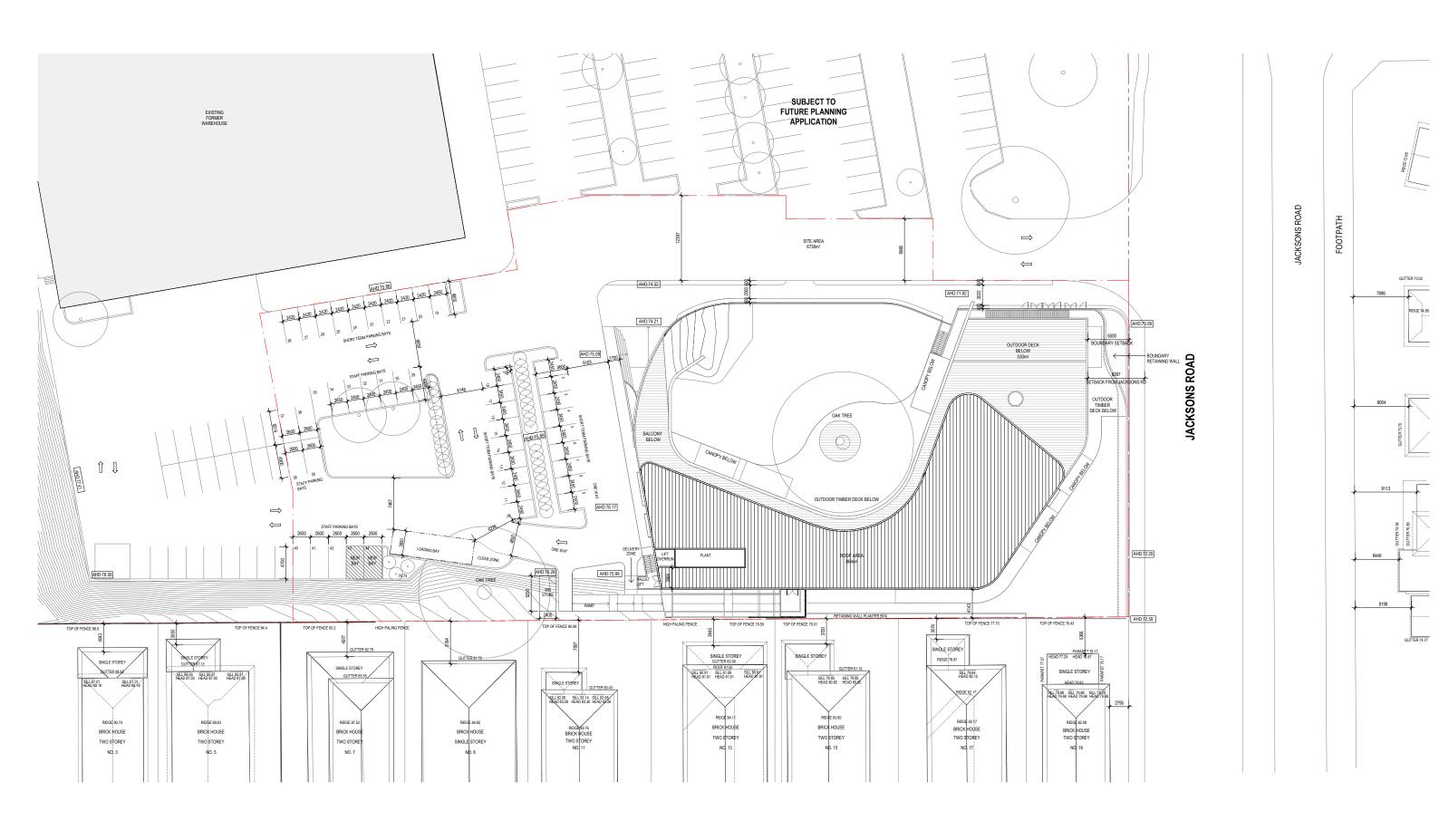
Children's Centre











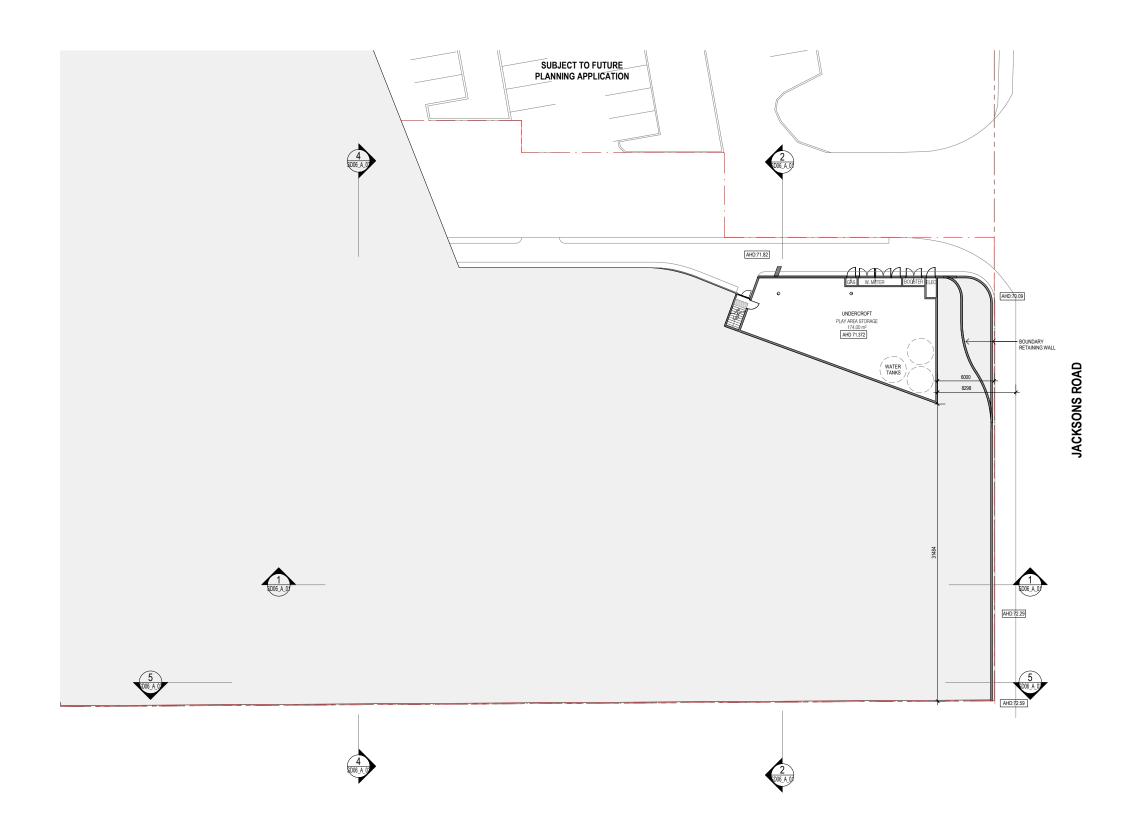
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Project address
Wise Wellness, Mulgrave Client Adidem Group

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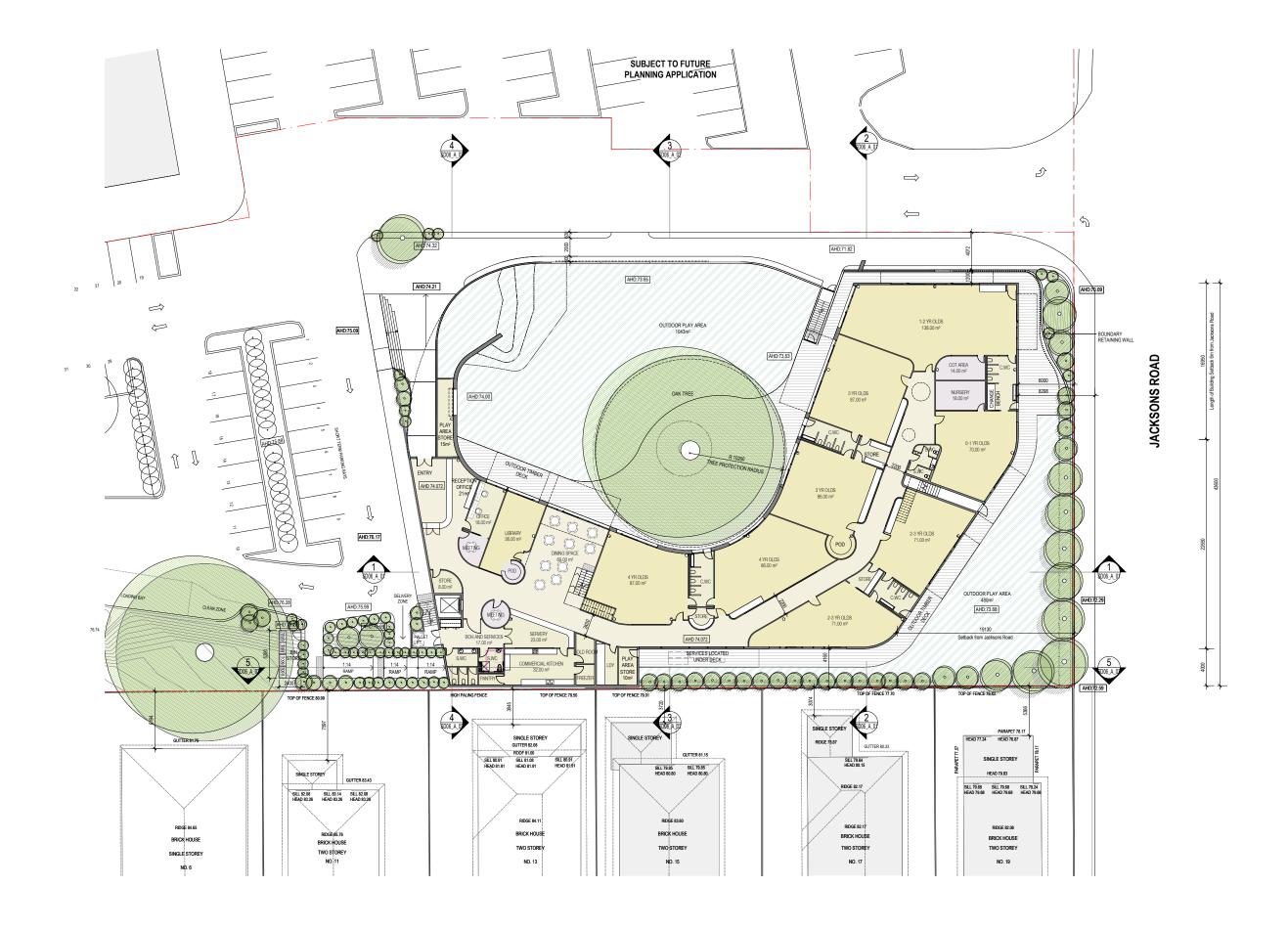






Project address
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Client
Adidem Group







Drawing number SD02_A_02 Revision number 01

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Project name
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Project address
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Client
Adidem Group

Key





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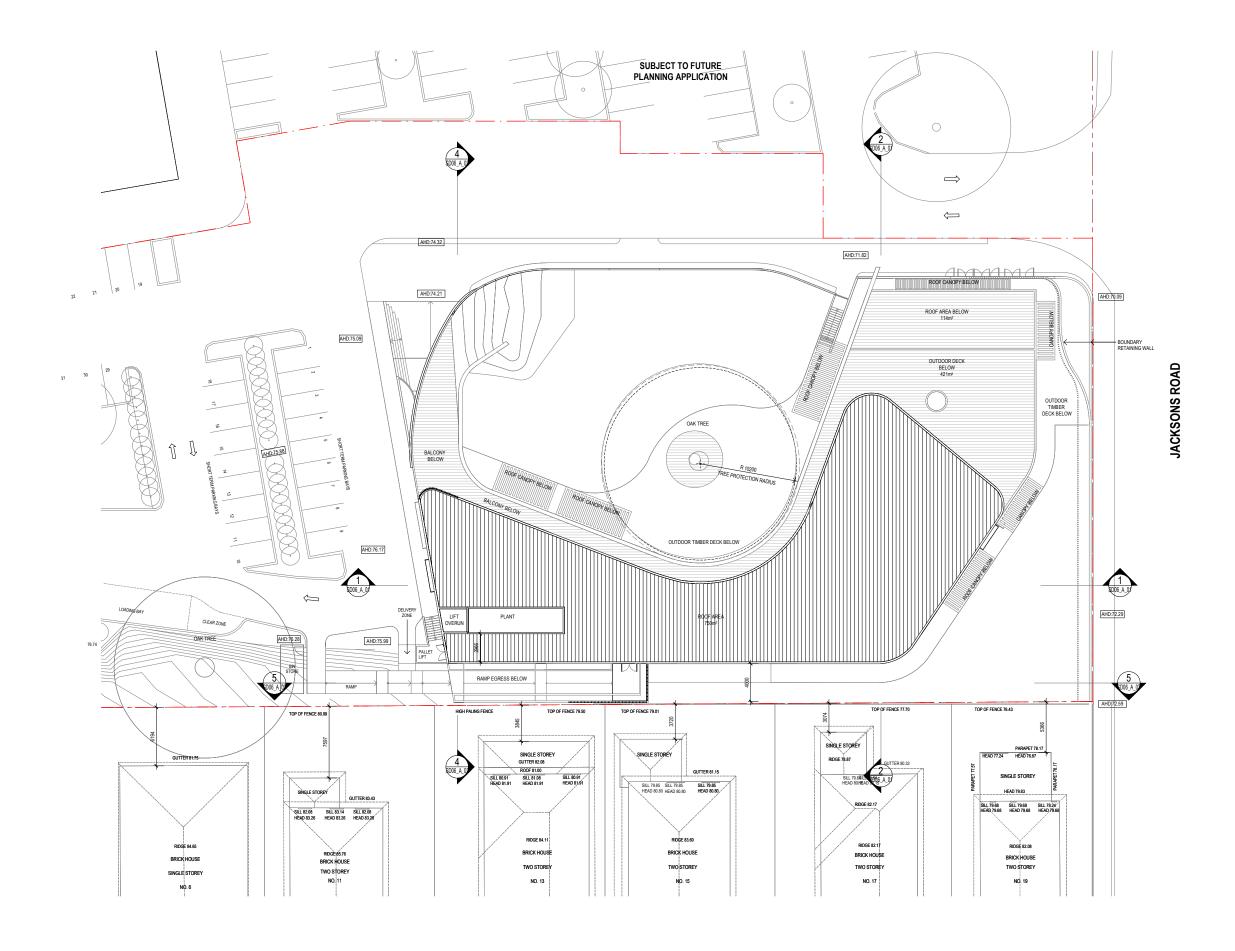
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Project number 21264 Project name Children's Centre, Mulgrave

Project address
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Project address
Wise Wellness, Mulgrave
Client
Adidem Group





Drawing number SD05_A_02 Revision number Project number
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Project name
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Drawing number SD05_A_03 Revision number Project number 21264 Project name Children's Centre, Mulgrave

Project address
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East Elevation_Landscaped

Scale 0 1 2 3 4 5 1:200@A3

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Children's Centre, Mulgrave

Project address
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Client
Adidem Group



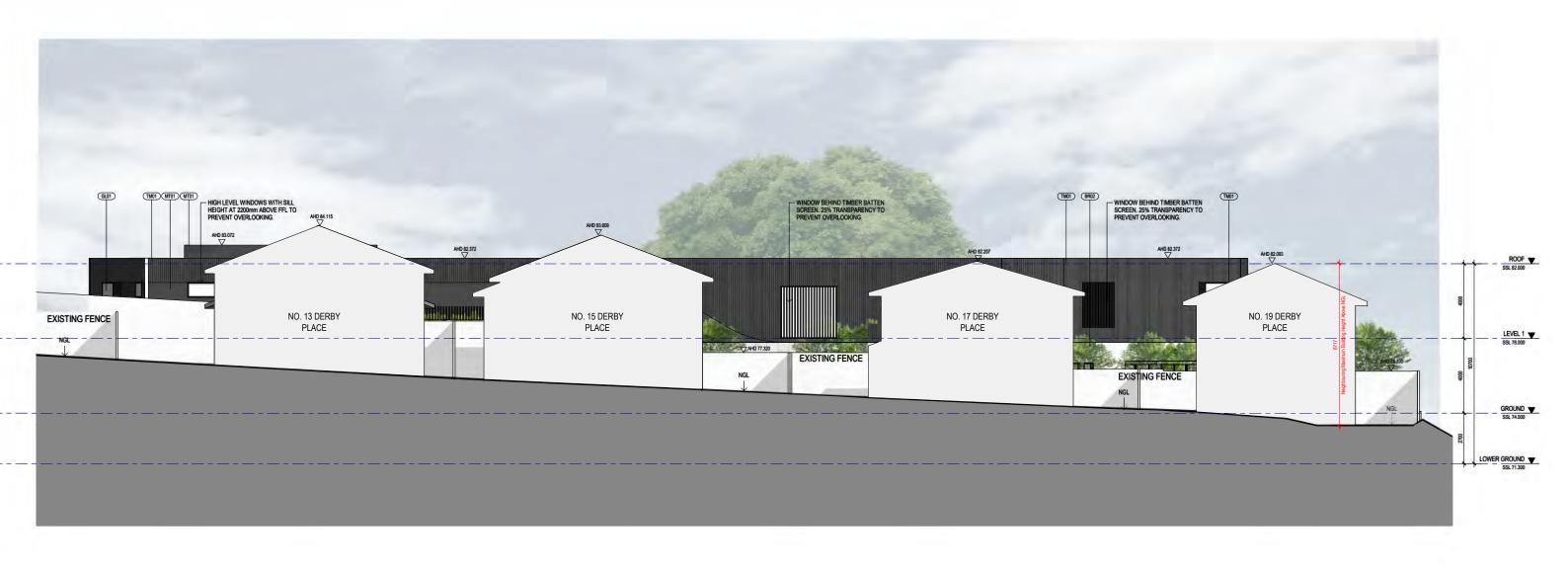


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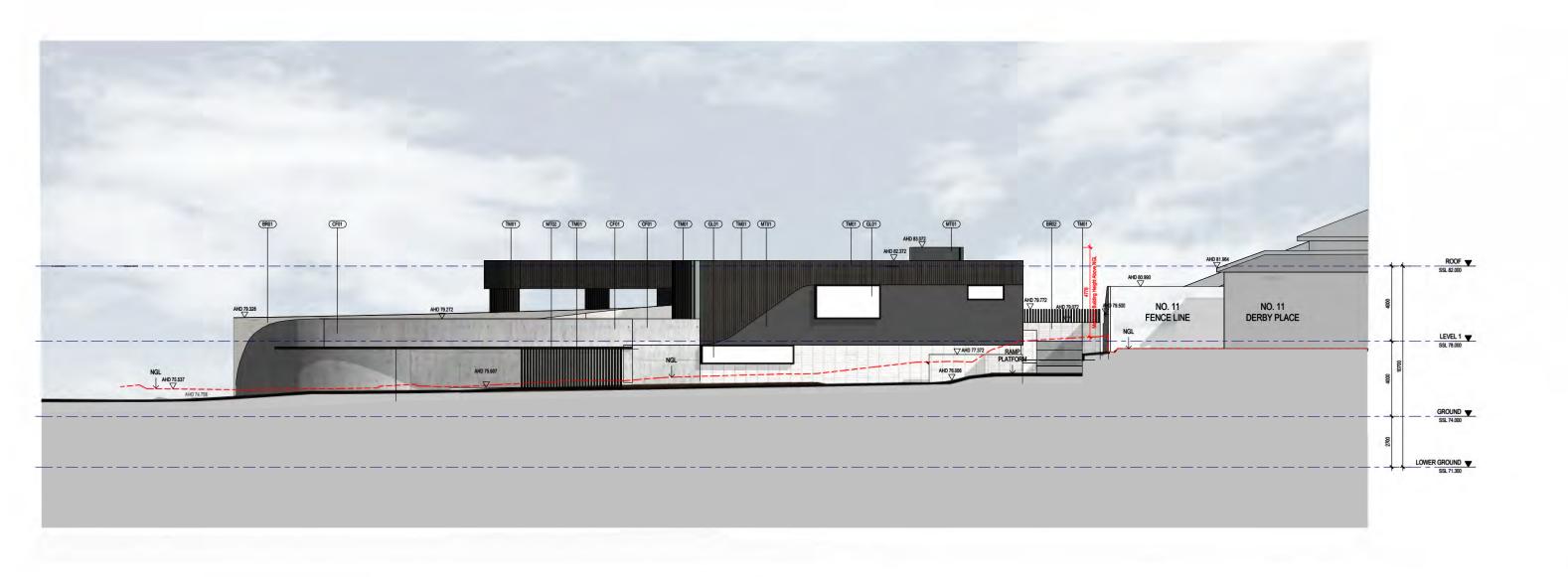
South Elevation_Landscaped

Scale 0 1 2 3 4 5 1:200@A3

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Adidem Group

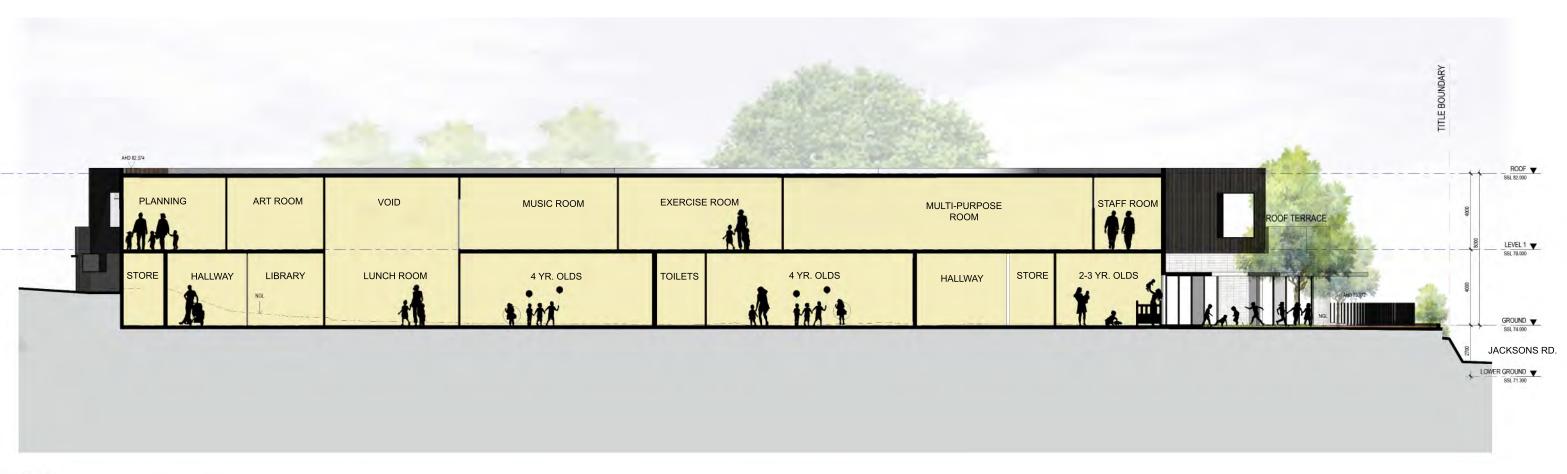
















SECTION 02

Section 1 and 2

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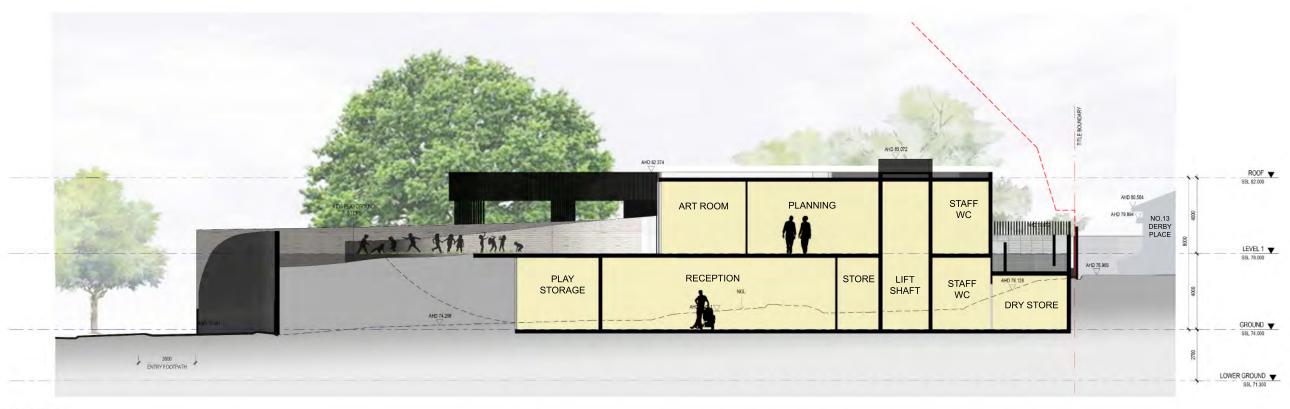
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SECTION 03



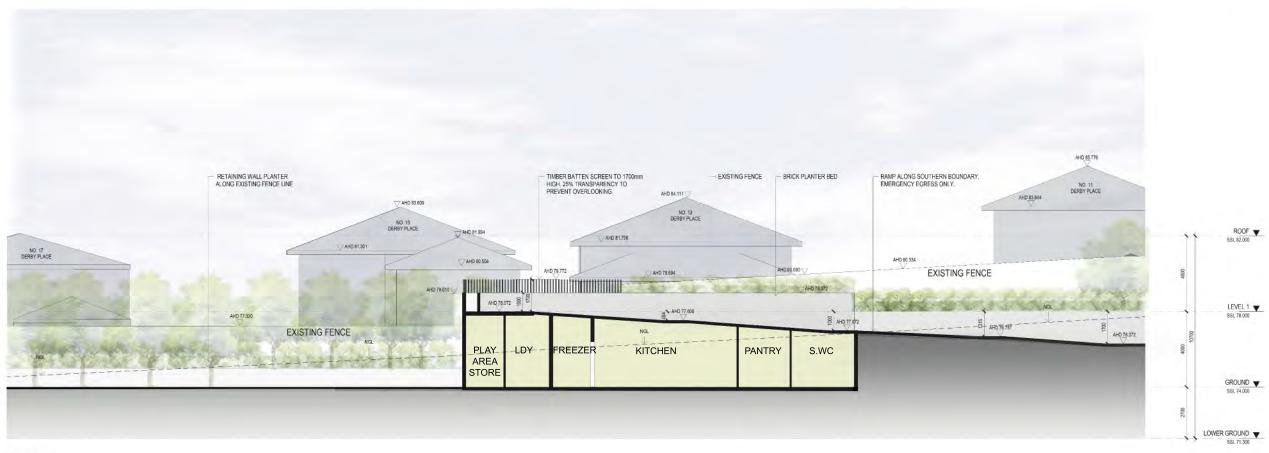
SECTION 04

Section 3 and 4

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SECTION 05

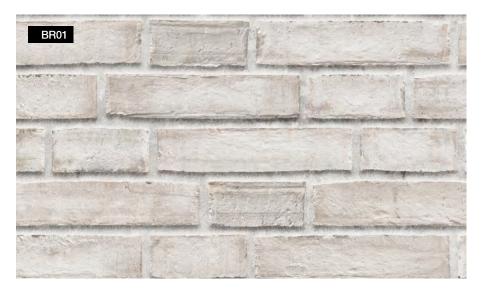


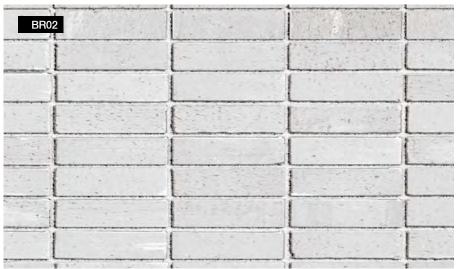
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Project number 21264 Project name

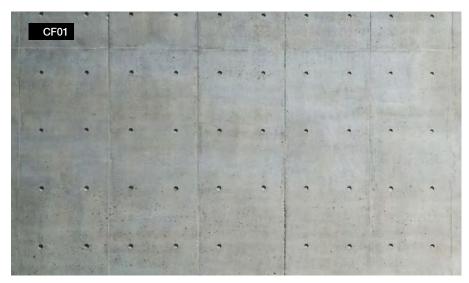
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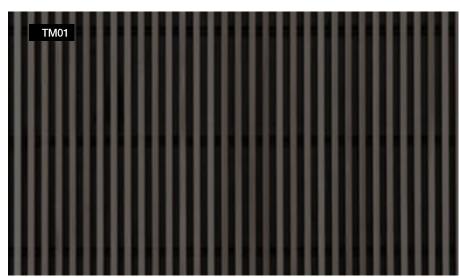


















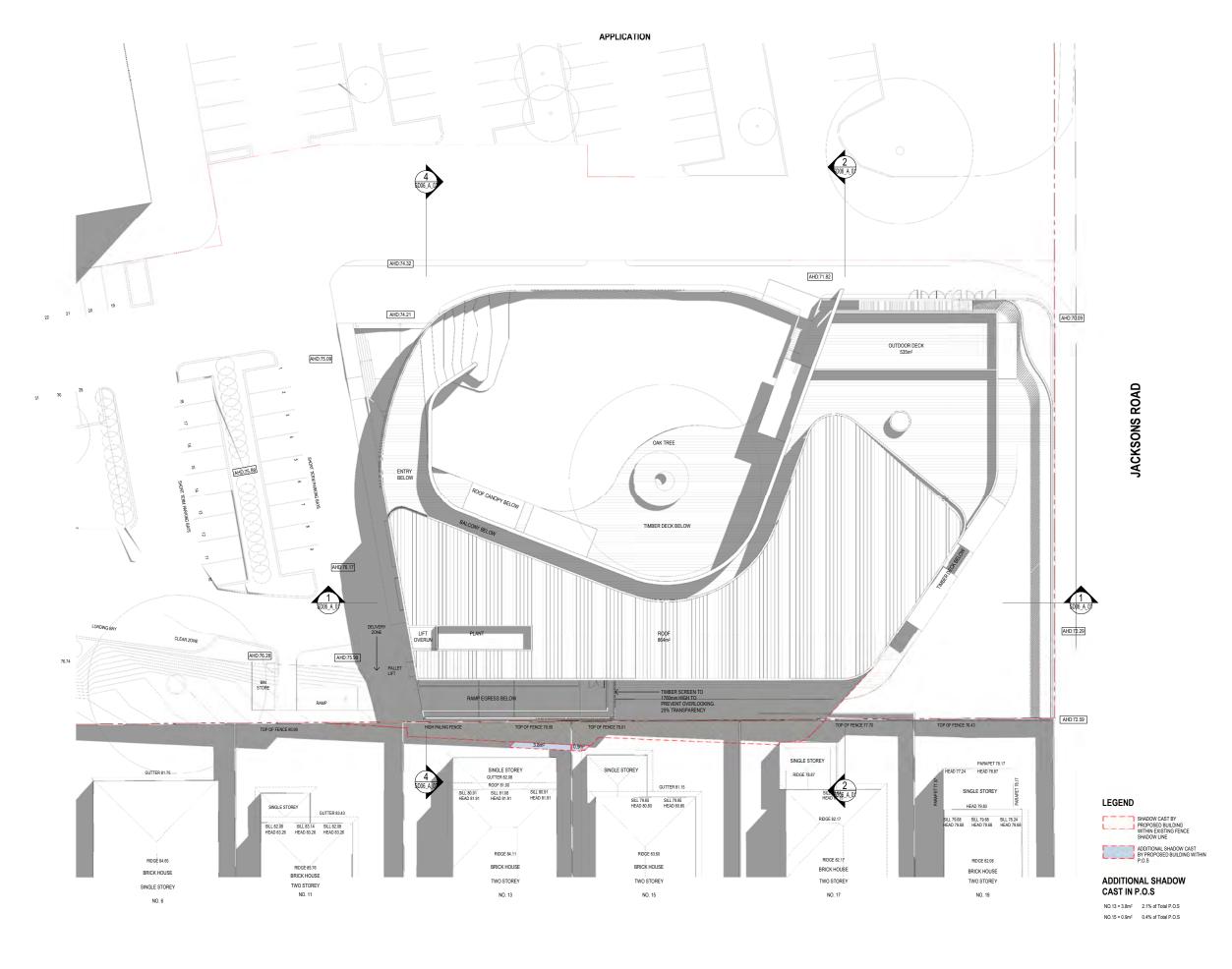


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Project address Wise Wellness, Mulgrave Client Adidem Group





Shadow Analysis_10am Equinox

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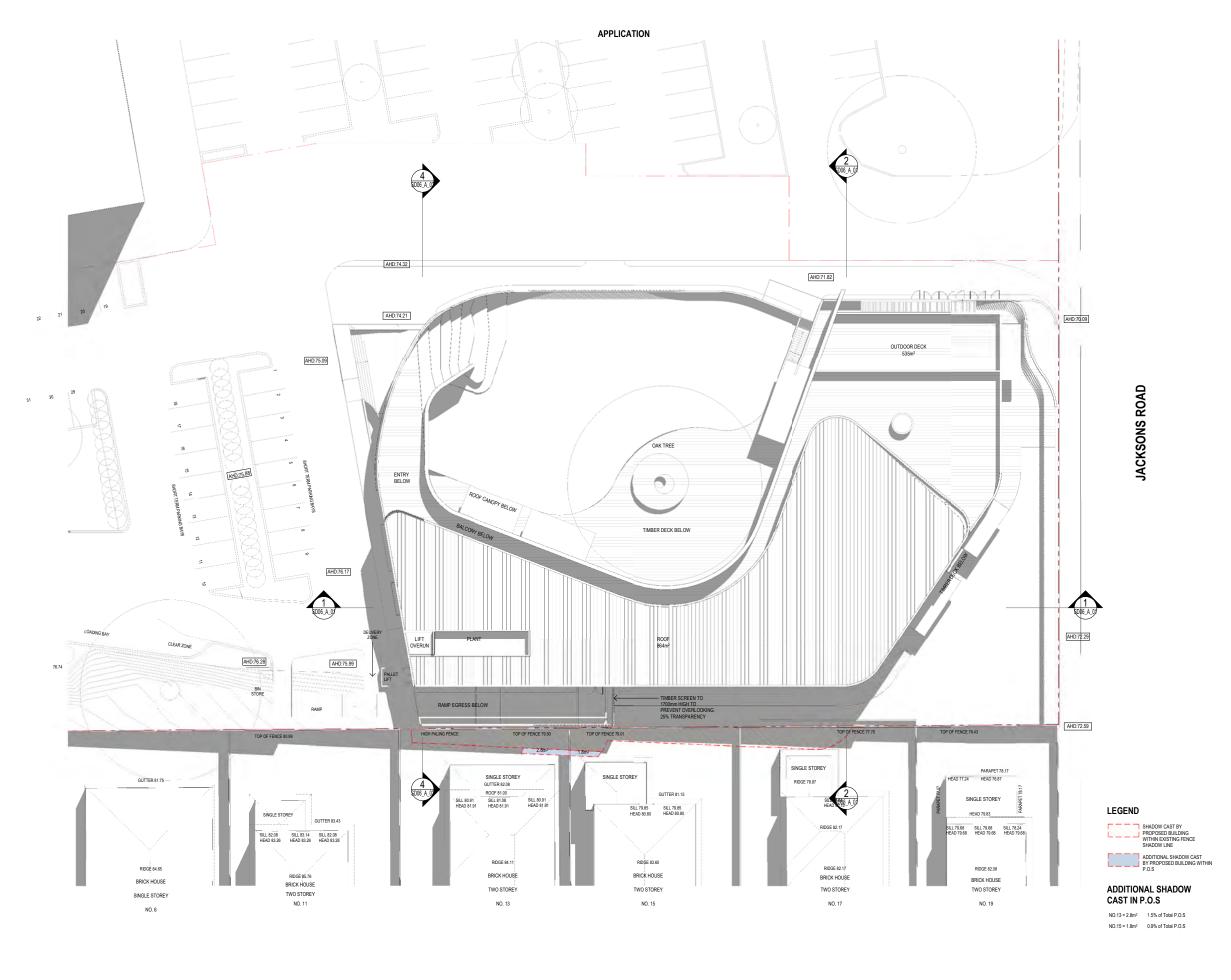


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Project address Wise Wellness, Mulgrave Client Adidem Group

Key





Shadow Analysis_11am Equinox



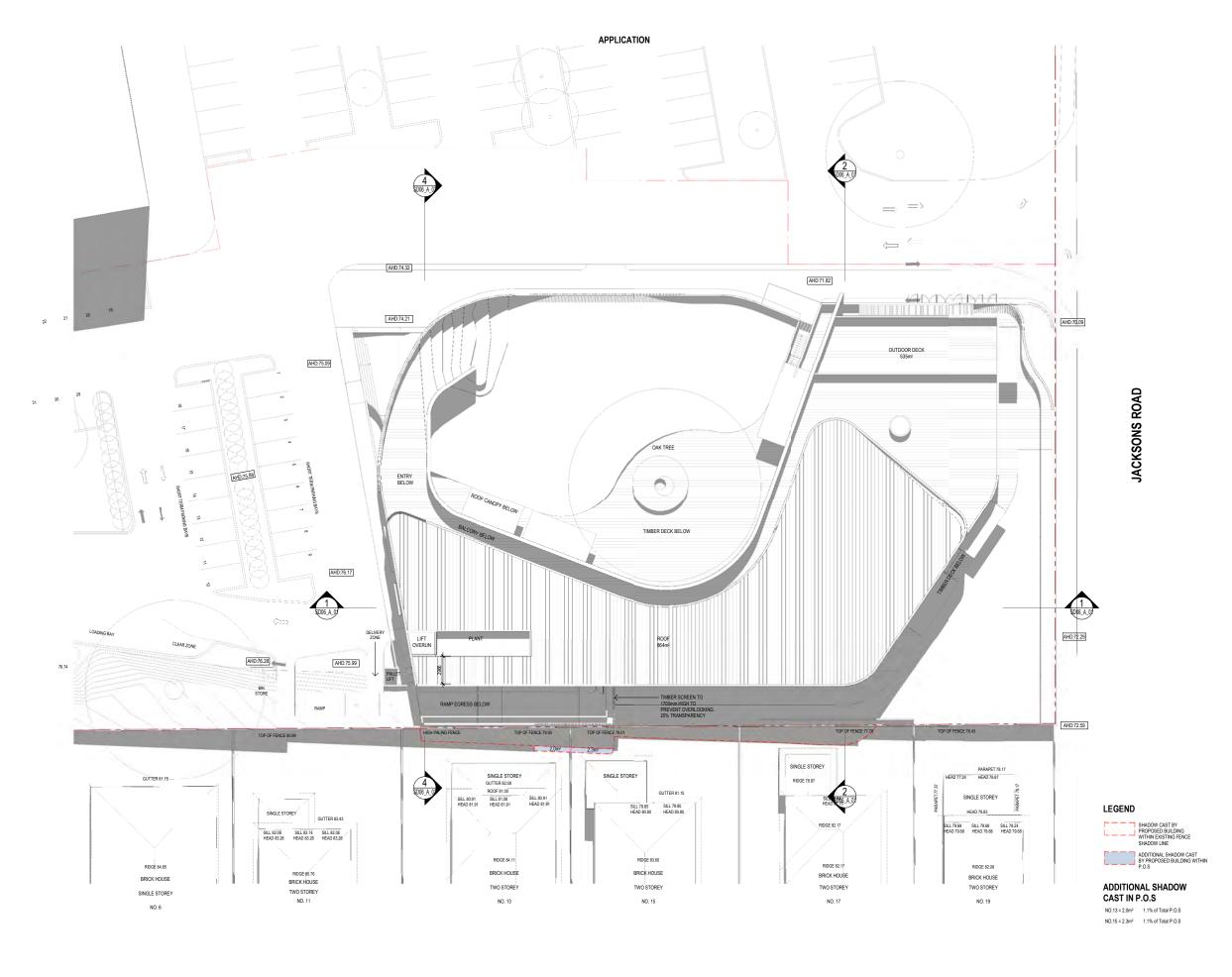
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number Project number 21264
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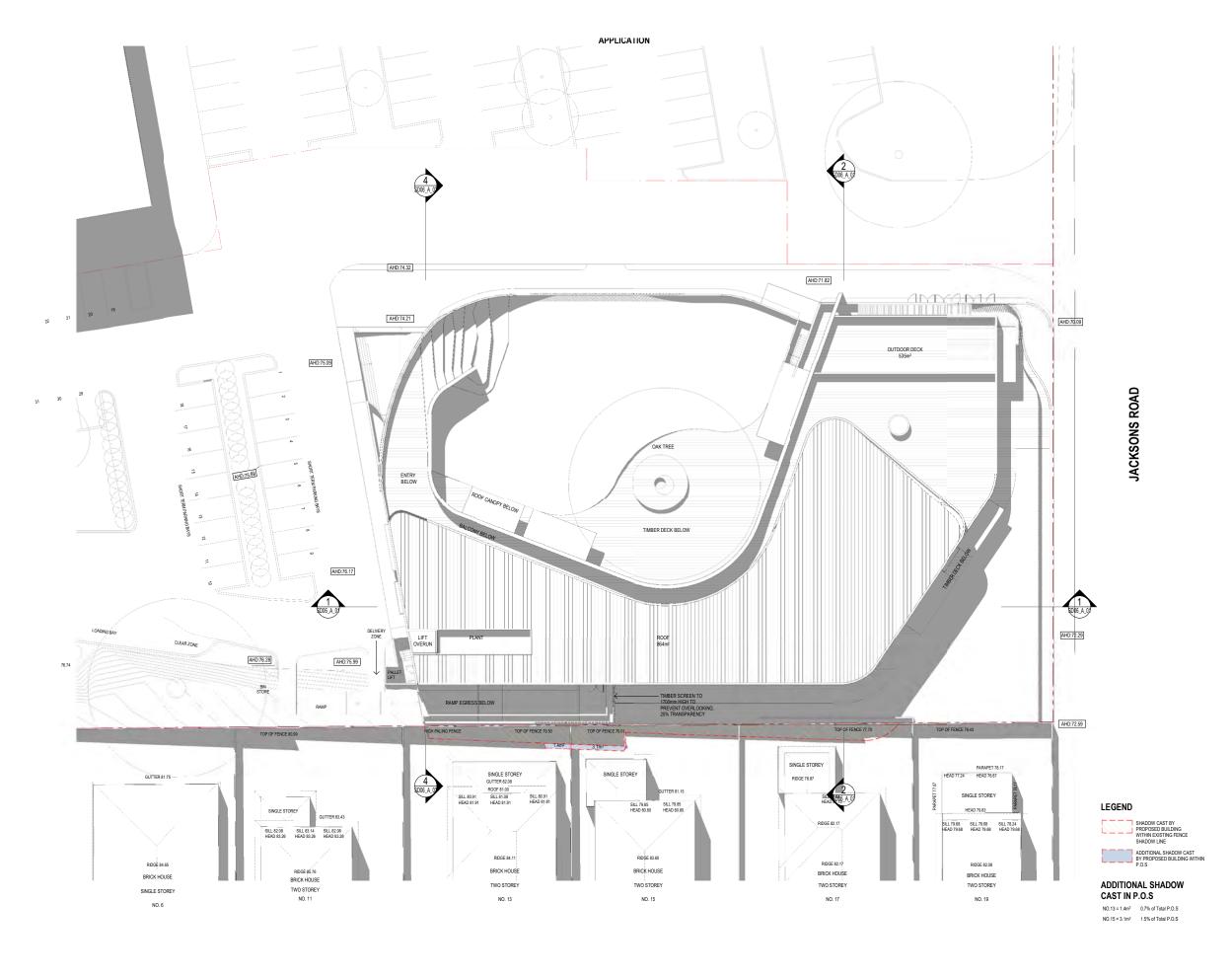
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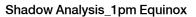
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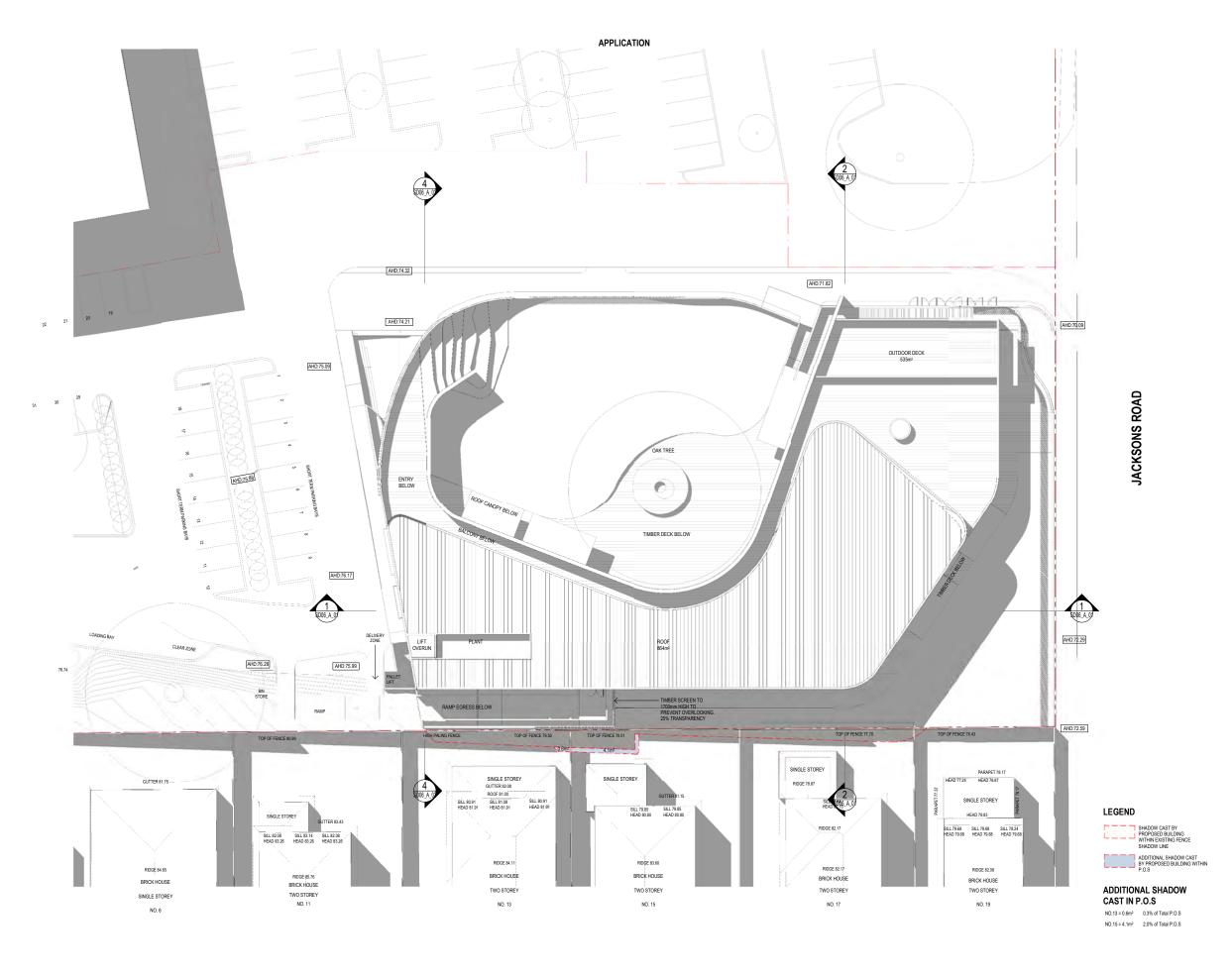


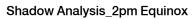
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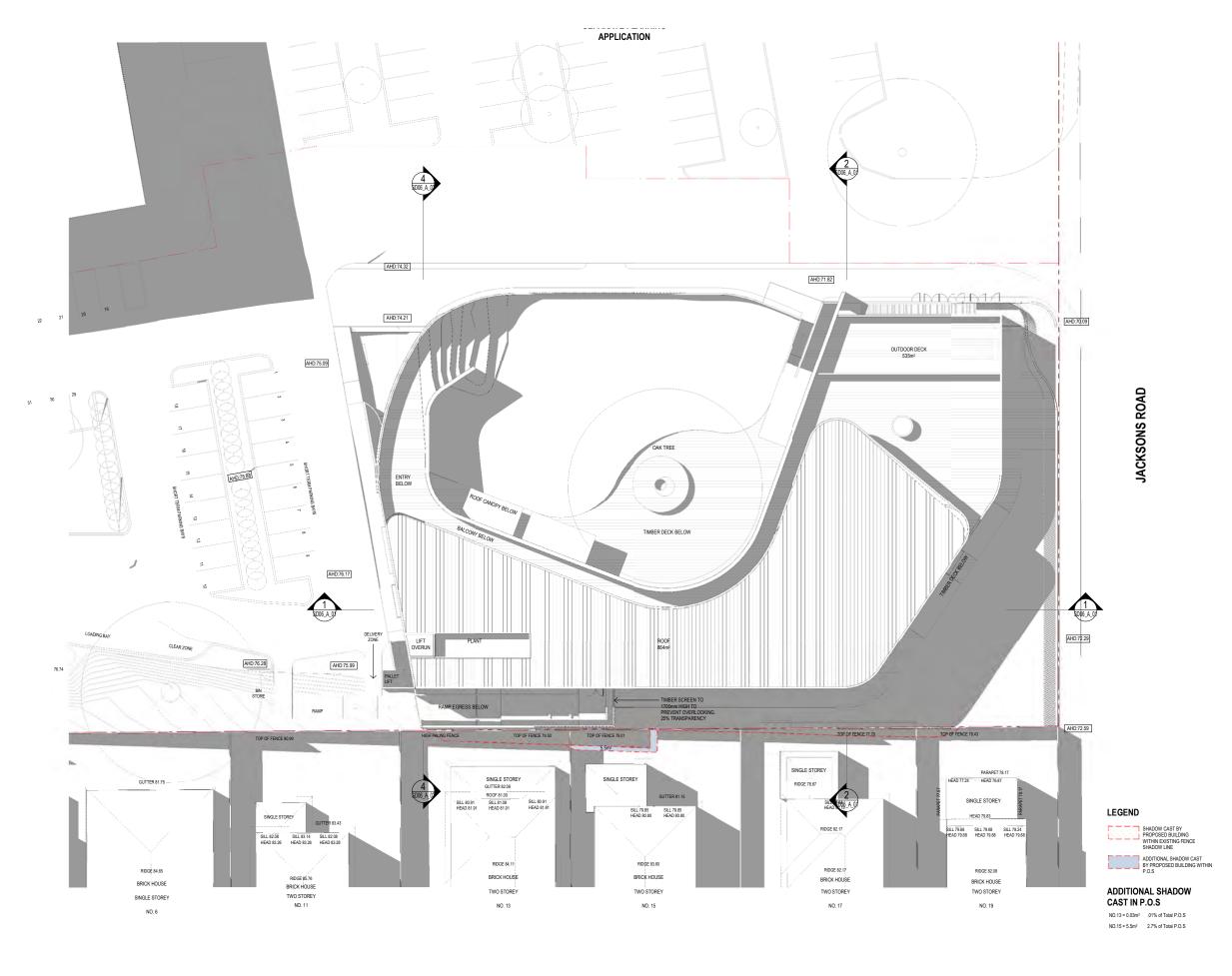
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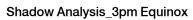
Project number 21264 Project name Children's Centre, Mulgrave

Project address Wise Wellness, Mulgrave Client Adidem Group

Key









Drawing number SD07_A_07 Revision number

Project number 21264 Project name Children's Centre, Mulgrave

Project address Wise Wellness, Mulgrave Client Adidem Group

Key



*All figures are approximate Site Area: 3,150m²

	Children's Cent	Children's Centre				
LEVEL	GFA	TENANCY	OUTDOOR (PLAY	COMMON /B.O.H	CARS AT GRADE	
			SPACE/DECK)	SERVICES/STORAGE	(No)	
Lower Ground				265 m ²	44	
Ground	1,424 m²	991 m²	1,600 m ²	433 m²		
Level 01	1,220 m ²	565 m ²	497 m²	158 m²		
TOTAL	0 644 m²	1 556 m²	2 007 m²	501 m²	44 No	
IOIAL	2,644 m ²	1,556 m ²	2,097 m ²	591 m ²	44 No.	
Children No. Operating Hours	200 7:30am - 6pm					

SJB Wise Wellness, Mulgrave 58

SJB Architects

sjb.com.au

We create spaces people love SJB is passionate about the possibilities of architecture, interiors, urban design and planning.

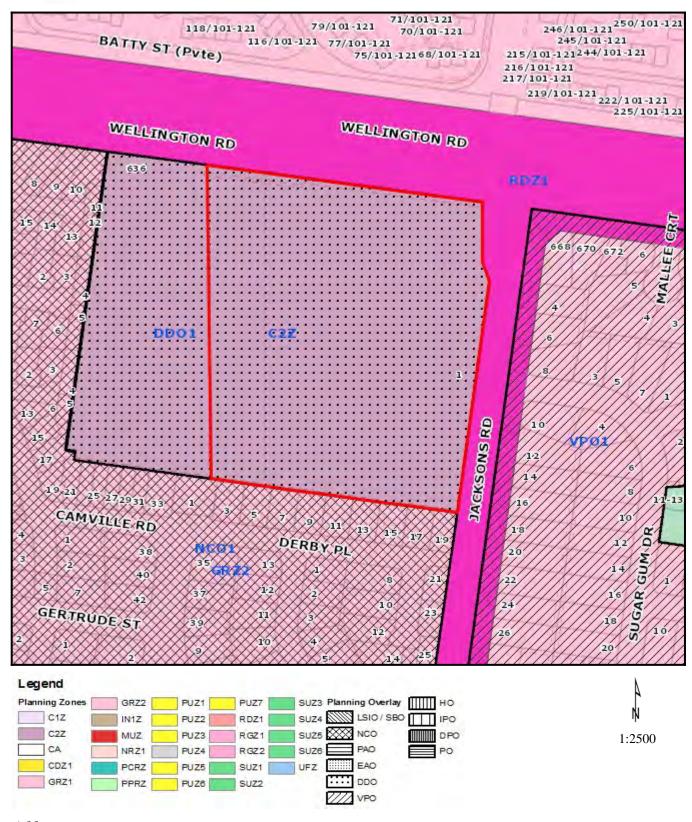
Let's collaborate

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Planning Overlays and Zones



Address

1 Jacksons Road MULGRAVE VIC 3170

