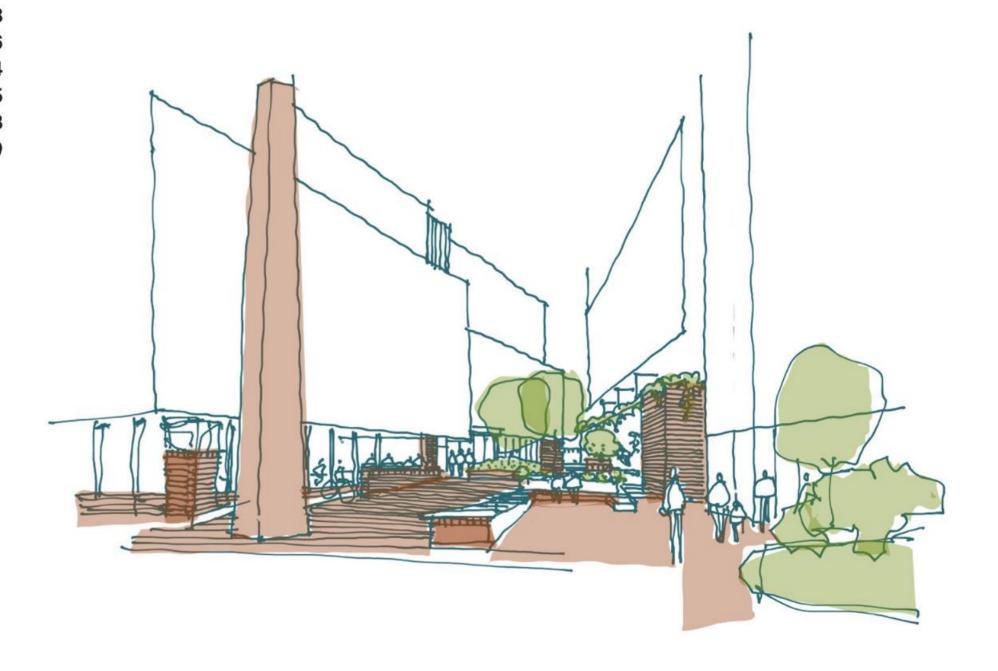




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Humffray St South

1. Overview



Overview 1.0 Six Degrees Architects

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Established in 1992, Six Degrees is one of Australia's leading architectural practices.

We work across hospitality, institutional, residential, retail, health and commercial environments, delivering design solutions for new and heritage places. We develop planning and design strategies for large public and private clients to create new urban places and to activate underperforming civic precincts.

Our success can be measured not just by AIA and industry awards. More meaningfully, our buildings and precincts are inspiring places attuned to their communities. They are enduring and intensely used places that perform well for clients and the public alike.

The founding principle of Six Degrees is to address human needs through the built form. Alive to the social and cultural aspects of place, we design functional, aesthetic and sustainable environments. This approach has made Six Degrees a specialist in creating high-use places that vary in both application and scale. We deliver fresh, interesting and lasting places attuned to human needs and positioned for the future.









- Nightingale 2.0 Fairfield
- 2. Hawke & King Apartments
- 3. Heller Street Park & Residence

Overview

1.2 Executive Summary

This project is located at 102-108 Humffray Street, Bakery Hill. Occupied by a timber merchant for many decades, the site offers the opportunity to begin the regeneration of the wider area, transitioning the big boxes & at-grade carparks to a vibrant, higher density, mixed use precinct.

The site has street addresses to the East (Humffray St), the North (Porter St) and the West (Bradbys Ln). It is located in an early part of Ballarat, indicated by the haphazard street pattern, as distinct from the grid further west. The surrounding area comprises a lively mix of heritage and more contemporary buildings of various architectural styles and types.

The proposal is to develop a mixed use precinct, comprising a residential building and a commercial building, with shared communal / public space between. The existing heritage smoke stack is retained and becomes a marker in an active and landscaped ground plane.

1.3 The Site

102-108 Humffray Street, Bakery Hill is approximately 4214sqm and is an unusually shaped polygon, addressing multiple street frontages.

The site has a 61m frontage to the Humffray St, a 98m frontage to Porter St, and an 81m frontage to Bradbys Lane. It currently contains a mix of dilapidated houses (repurposed for the timber yard), timber storage sheds and truck access. The land use in the area generally has a history of light industrial and commercial use, with the area transitioning to low rise residential housing to the other side of Humffray St to the South-East.

Local government policy is encouraging the renewal of the area, and recognises the ability of the precinct to help accommodate Ballarat's growing population, both residential and commercial, in a convenient proximity to the city centre.

1.4 Consultant List

Stantec

Acre

Fire Engineer

any other purpose. By taking a copy of this document you acknowledge and agree that you will only use the document for the purpose specified above and that any dissemination, distribution or copying of this document is strictly prohibited. Structural Engineer Services Engineer **BRT Consulting** 159 Victoria Parade, Collingwood VIC 3066 Level 25/55 Collins Street, Melbourne VIC 3000

Traffic & Waste Consultants **ESD Consultant** One Mile Grid Shared Space Architecture 56 Down St, Collingwood VIC 3066 31a Susan Street, Eltham VIC 3095 (03) 9939 8250 Planning

Niche Studio 1/286 Ferrars Street, South Melbourne VIC 3204

Landscape

3/4 Brown Street, Collingwood VIC 3066

Red Fire Engineers Suite 49/1 St Kilda Rd, St Kilda VIC 3182

(03) 9079 4143

Wind Consultant

Mel Consultants

22 Cleeland Road, South Oakleigh VIC 3167

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(03) 8516 9680

Urban Design

Blades

124 Albert Street, Ballarat Central VIC 3350

0431 326 507

- 2.1 Urban Context and Location
- 2.2 Local Precedents Residential
- 2.3 Local Precedents Commercial
- 2.4 Existing Precinct Site Analysis and Location

2. Urban Context & Site Analysis

- 2.5 Planning Zone Overlays
- 2.6 Site Survey
- 2.7 Site Photos

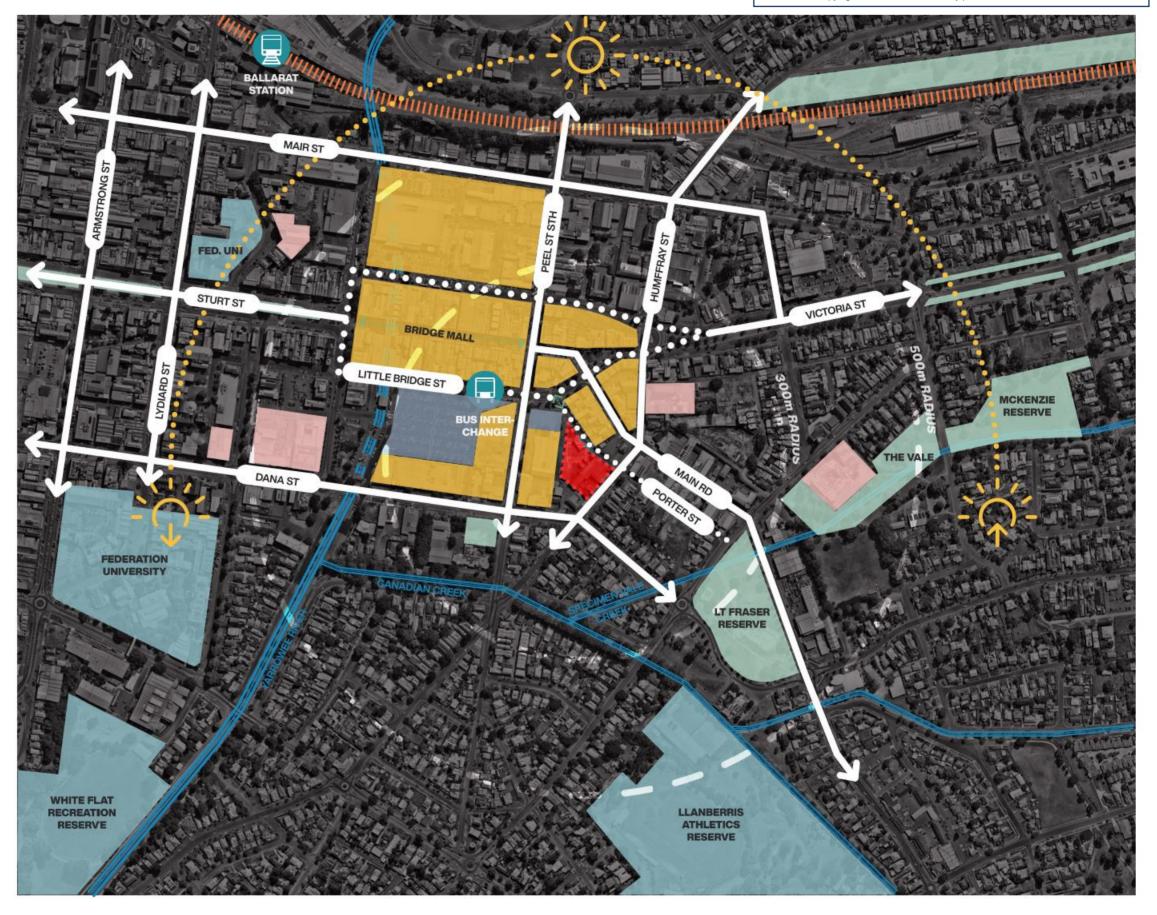




Urban Context & Site Analysis 2.1 Urban Context and Location



Key	
••••	Site (Address)
Features	
	Retail Precinct
	Public Amenity
	Public Park
	Community Services
	Carpark
	Waterway
Transport	
-	Main Road
• • • •	Secondary Road
Ш	Rail Line
·····>	Pedestrian Access



Urban Context & Site Analysis

2.2 Local Precedents - Residential



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Key

1 Webster Apartments, 21 Webster St

3 Storeys

2 Apartments, 2 Albert St

4 Storeys

3 Nightingale Ballarat, 11 Davey St

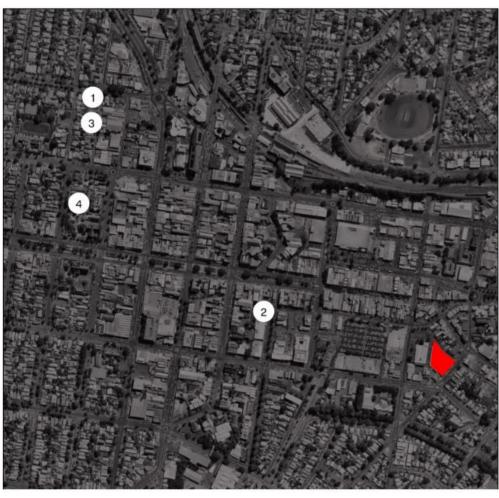
5 Storeys

4 Lyons Place, 6 Lyons St North

7 Storeys











Urban Context & Site Analysis

2.3 Local Precedents - Commercial



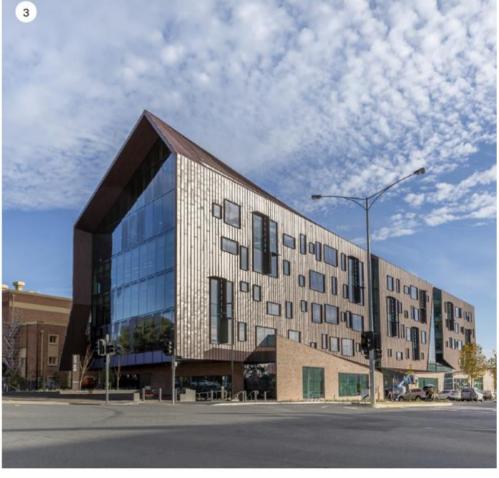
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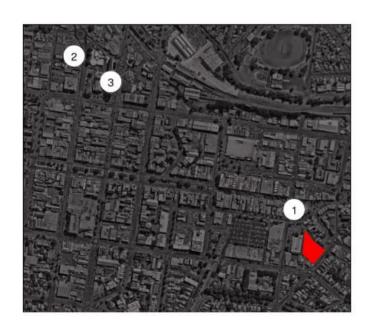
Key

- 1 3 Peel St South, Bakery Hill
 - 3 Storeys
- 2 9 Creswick Rd, Ballarat Central
 - 3 Storeys
- 3 Ballarat GovHub, 300-304 Mair Street, Ballarat
 - 6 Storeys





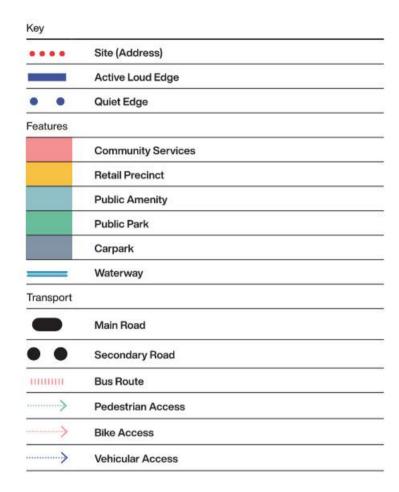




Urban Context & Site Analysis

2.4 Existing Precinct Site Analysis and Location







Urban Context & Site Analysis 2.5 Planning Zone Overlays

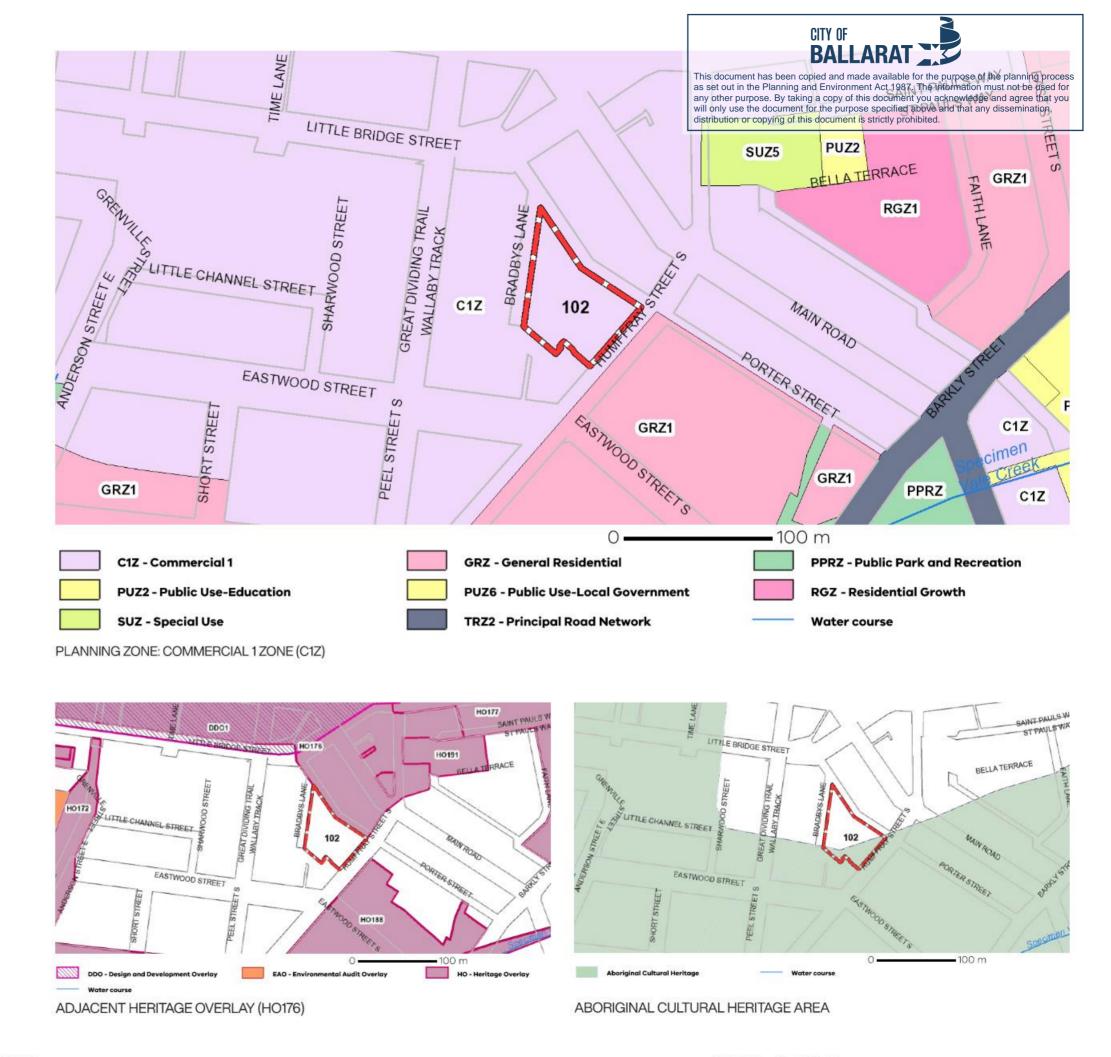
The site sits on the edge of a Commercial-1 zone (C1Z) that covers a large area to the west of Humffray Street, including the established Bridge Mall shopping precinct, which offers close access to services, shopping and cafes. Just to the North of the site, Main Rd is developing into a small precinct of new restaurants and bars. The address has a Walk Score of 84 – "Very walkable - most errands can be accomplished on foot". Several bus routes are within close proximity and Ballarat Station is within 15 minutes' walk. A bicycle route runs down Porter St, connects to the extensive inner urban network of both on and off road bike paths that have been developed over the past few years.

The proposed development should seek to make the most of its location both in terms of the site's proximity to public transport and its location within close proximity of an established commercial strip. Any development of the site should look at the role it can play in helping to improve the walkable nature of the precinct. The development should also consider how the history of the site can be told, including the retention of the smoke stack to the northern edge.

The surrounding historic context of the site is mixed and includes heritage and more contemporary buildings of various architectural styles, ages and types. While there are locations in Ballarat which are more architecturally and chronologically homogenous, the 102-108 Humffray Street site is located in an area that has undergone substantial change over past decades. The area is now at the beginning of a renewal process that will see the consolidation of at-grade carparks and big box stores into a more sophisticated urban realm, more appropriate to its proximity to Ballarat city centre. The challenge at this site is how to respond architecturally to the important place the site occupies as one of the first of the higher density developments that will make up this renewal process.

Although the site lends itself to higher density development, care should be taken to ensure articulation of the building mass, to scale the development appropriately and avoid the outcome of a single unarticulated object. Significant landscaping and vegetation should be incorporated into any development to limit any heat island effect caused by the thermal mass of the buildings and to help lessen any perceived loss of amenity for the surrounding residents. This is a unique site, with unique opportunities. The development has the potential to help kick start the renewal of the precinct, and provide exemplar residential and commercial buildings for Ballarat City Council.

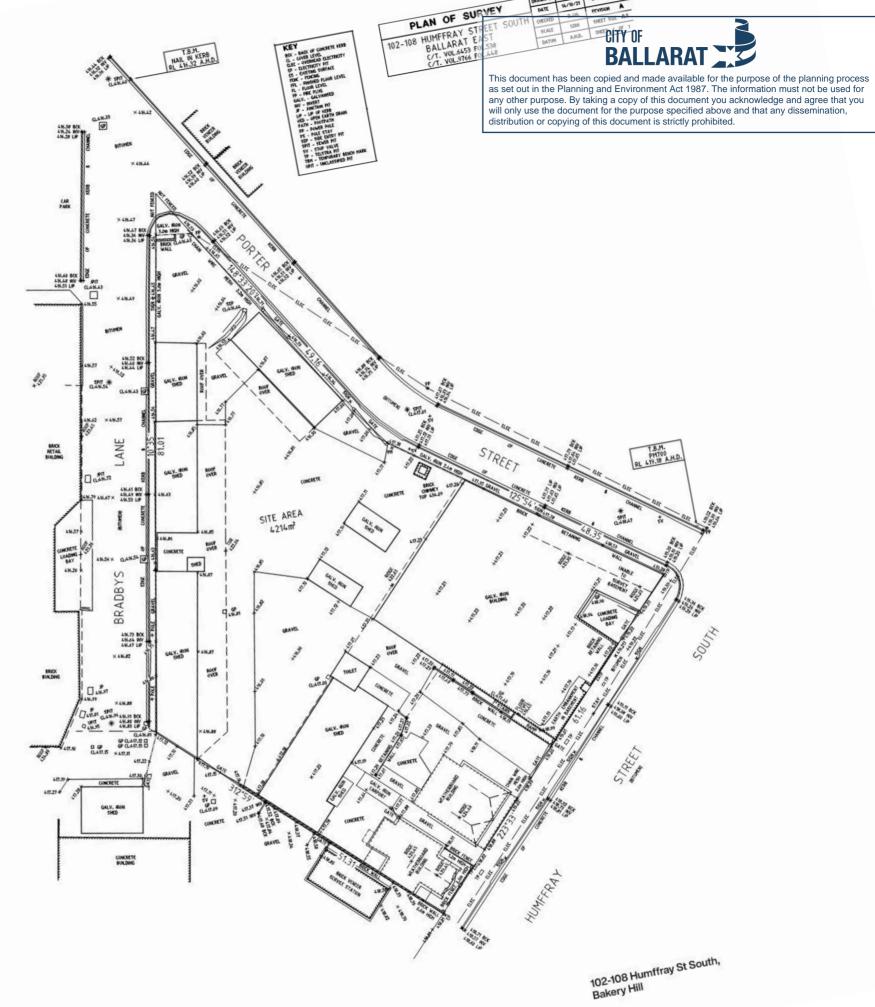
Please refer to the Urban Design / Planning Report for further detail on context and planning considerations.



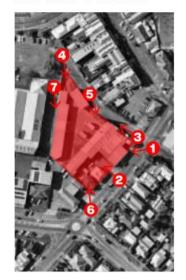
110 Argyle Street T 61 3 9635 6000 ABN 68 101 224 593 Fitzroy VIC 3065 F 61 3 9635 6060 www.sixdegrees.com.a an Context & Site Analysis Site Survey



ARN 68 101 224 593



Urban Context & Site Analysis 2.7 Site Photos





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3. Design Response

- 3.1 Design Statement
- 3.2 Massing Diagrams
- 3.3 Ground Floor Concept
- 3.4 Facade Treatment Residential
- 3.5 External Material Palette Residential
- 3.6 Facade Treatment Commercial
- 3.7 External Material Palette Commercial
- 3.8 Looking South from Porter St
- 3.9 Looking West from Porter St
- 3.10 Looking West from Humffray St Sth

3.1 Design Statement

Form & Articulation

The site is unusual in its shape, its broadening to the north and the three street frontages that it addresses. These attributes, along with the size of the site, allow for the design of two separate buildings with a public space between, opening to the northern sunlight.

From an urban design perspective, the key design moves undertaken have been to:

- Create two separate buildings, commercial to the East and residential to the West.
- Push each of the buildings to its boundary, opening up a shared sunlit plaza between.
- Encourage a permeable shared ground plane
- Break down the scale of the buildings, through massing and articulation
- Prioritise the pedestrian to the ground plane, placing all cars underground and providing good end of trip facilities for cyclists.
- Provide as active a ground plane as possible.
- Recognise and celebrate the history of the site through the retention of the heritage smoke stack as a key marker in the
- Provide a tactile and landscaped ground plane, scaled and detailed to the pedestrian.

Residential Building

The proposal locates an 8 storey residential building to the west side of the site. The building mass is highly articulated and broken into two smaller forms, breaking down the urban scale of the development. The building elements are purposefully of differing expression, giving the sense that these are possibly different buildings.

To the north, the building pulls back from the boundary to create a small plaza with northern exposure that provides the opportunity for a F&B tenancy with a landscaped terrace at ground level. This landscaped northern edge gives back to the public realm and provides access to the building entry. The northern end of the building also pulls back from the western boundary, opening up views down Bradby's lane, and taking first steps towards its transformation into a future good, landscaped urban street. The pull back of the north half of the building also enhances the visual separation between the two halves of the building.

The building is designed to avoid sheer facades. Articulated through its balconies and changes in materials, it is further activated through a series of planters that are somewhat randomly placed to balconies and Juliet balcony windows. The facades are further animated through the use of external blinds, which will be important for the mediation of summer sun.

Commercial Building

On the east side of the site, running along Humffray Street, the proposal locates an 8-storey commercial building. The building volume incorporates a series of setbacks to break up its overall mass and adapt to the site. Similar to the residential building, the building is splits into two main halves to create an east west thoroughfare connecting Humffray St to the internal communal open space. The building mass is further broken down through

varying window grid articulations. The intention is to mediate the massing of the building by expressing it as a number of different

The footprint has a series of setbacks from the eastern and northern boundaries to help scale its presence on Humffray St and to create a height transition in its interface with Porter Street. In doing so, it creates a series of landscaped terraces that will provide amenity to the building's users, perched landscape visible from below and a reduced visual mass from the street. The building also sets back from the south boundary to avoid a shear blank façade to this boundary and to allow access to southern light. Roof top activity and perched planting is clearly apparent from below from all sides, as we believe it important to provide a varied and active skyline and a visual connection between these terrace spaces and the street below.

Ground Plane

Finally, the pedestrian experience in the streets and ground plane adjacent to the development has been thoroughly considered. Landscaping and hardscaping are purposefully scaled to the pedestrian. The base of the building is carved and textured, using materials such as concrete, timber, brick, brass, stained glass and tile details. High quality and robust materials give gravitas to the buildings, while a level of detail provides a richness and warmth to the pedestrian experience.

Six Degrees has always pursued active ground planes on our projects, and considers the interaction of any building with its public interface to be of great importance. The ground floor of the proposed development has been designed to encourage activation of the street and support the local precinct.

The proposal pushes the two buildings to their boundaries, thereby providing space between the buildings open to northern light. This space will be the heart of the project; a large open space, heavily landscaped, with the brick smoke stack serving as a strong marker of the historical identity of the place. This open space will serve both the residential and the commercial communities, along with the wider precinct. Landscaped and terraced, the open space provides access points to both buildings, allows permeability to the site, and offers various spots for different groups or individuals to occupy. Active uses are proposed to the ground floor of both buildings, where this open space meets Porter St. Deep planting zones, pergolas and planter-boxes offer ample space for vegetation to thrive. Recreational garden space, herbs, BBQ facilities and outdoor dining areas are provided.

The site is pedestrianised by limiting vehicular access to two locations. There is a commercial carpark access and truck loading bay, to the SE of the site, off Humffray St, and a residential carpark access point to the SW corner of the site, off Bradbys Ln. Bicycle access to both buildings is clear and well provisioned.

The scale and articulation of the architectural expression at the ground floor is purposefully more intricate than above. Six Degrees are well known for a textural and fine grain approach to urban planning and design, and have developed a thorough understanding of how spaces are occupied and experienced

and how a detailed ground plane helps to catalyse active public

Amenity

Private & Communal Open Space

Direct access to the outdoors has been provided to all apartments, by way of balconies and Juliet balcony windows. All apartment balconies easily meet BADS compliance, their dimensions providing ample area to comfortably have outdoor furniture and pot plants in place, suitable to the size of the apartment and number of likely occupants.

The articulation of the building mass, provides opportunity for landscaped external terraces to the commercial building, on various floors. The ground floor of this building also benefits from the landscaped ground plane.

A large communal area on the ground provides additional amenity for all residents and commercial occupants. The natural tendency of the commercial building occupants to utilise this open space during the day, and the residents to occupy it in the evening and weekends, suggests a well-used, highly occupied space. We would encourage some overlap of occupation of the space by these two cohorts, as a way of enabling the development of a mixed use community. Bookable BBQs, recreational gardens, pergolas and seating areas, provide amenity that is shared. Rather than one large open space, the layout of the ground plane purposefully supports multiple and different sized groups of people, allowing the spaces to be occupied concurrently by different individuals or groups, along with their family, friends or work colleagues in many permutations.

Good access to light and ventilation has been achieved through the stand alone nature of both buildings. Access to light and ventilation is also provided to the lift lobbies and corridors.

In the apartment building, all living spaces and bedrooms have direct access to natural light, avoiding borrowed light from neighbouring rooms, deep recesses and light wells. BADS compliance is easily met and cross ventilation is achieved to more than 50% of the apartments. The apartments face east, north and west ensuring excellent access to sunlight, Eastern facing apartments will receive glorious morning light, while western facing apartments will benefit from afternoon and evening light. Western light is a warm and lovely direct light that will penetrate deep into the apartments. Solar heat gain is controlled in the hotter months, through the use of external blinds to mitigate this direct western light. The northern corner apartment will benefit from a mix of these sunlights.

The commercial building benefits from light to all sides, with the core and services located in the middle of the floor plate. Sunlight penetration is mediated to a sensible level through opening sizes in the concrete facades, to avoid excessive heat gain.

Environmentally sustainable design is a fundamental aspect of the project which targets a minimum 7 star NatHERS thermal performance rating for the apartments, 5 star Greenstar and 5.5 star NABERS for the commercial building, along with the use of zero fossil fuel in operation throughout. Please refer to the Sustainability Management Plan for further details.

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In summary this project is an exciting opportunity to showcase advanced current sustainability initiatives and technologies, providing an exemplar high density mixed use environment and actively promoting ideas around community, shared spaces and environmental sustainability.

Material Selection

The concept for the building facades stays away from the glass box, curtain wall typology, working instead with a wall and fenestration approach to engage with the Bakery Hill heritage. The red textured concrete references the heritage brick facades of the nearby old commercial buildings and St Paul's church, visible up Humffray Street. While the window articulation respects the regularity seen in some of the grand old buildings of Ballarat.

High quality and robust materials have been selected for the development. Concrete gives gravitas and longevity to the buildings. A high level of detailing and articulation provide visual interest at the ground plane for pedestrians and helps to ground the building in its setting. Steelwork, tiling, and brass are all used, along with the judicious use of stained glass. Those familiar with the work of Six Degrees Architects will understand the importance of materiality in our projects. Familiar, textured, natural and recycled materials all assist in creating a building that is architecturally accessible, humanly scaled and relevant to the experience of the surrounding community.

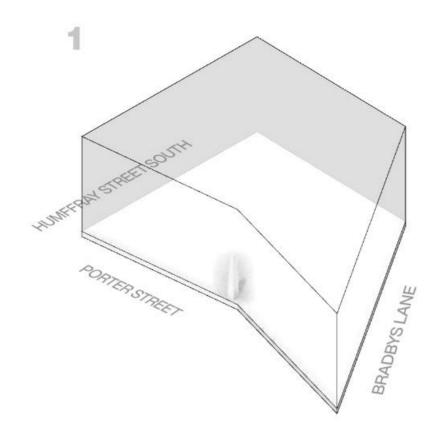


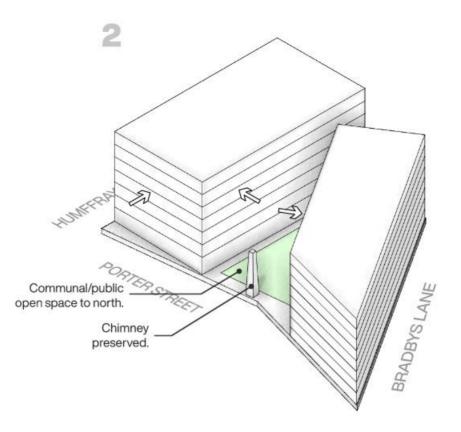


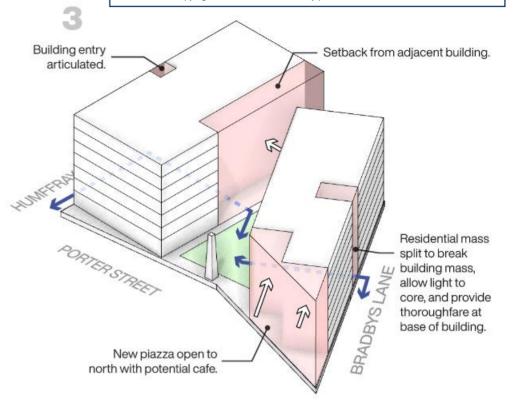
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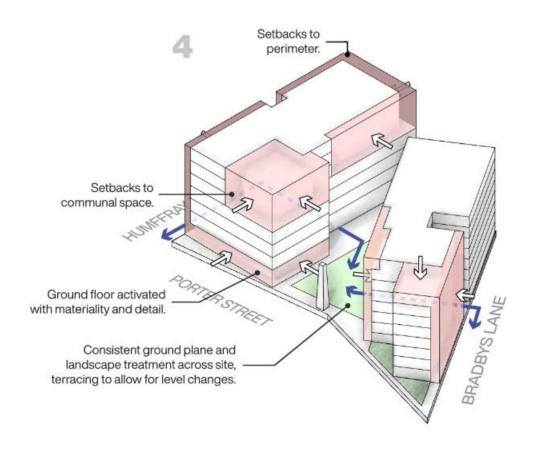
3.2 Massing Diagrams

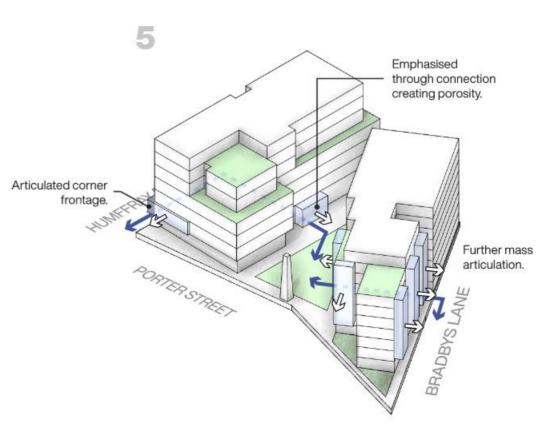






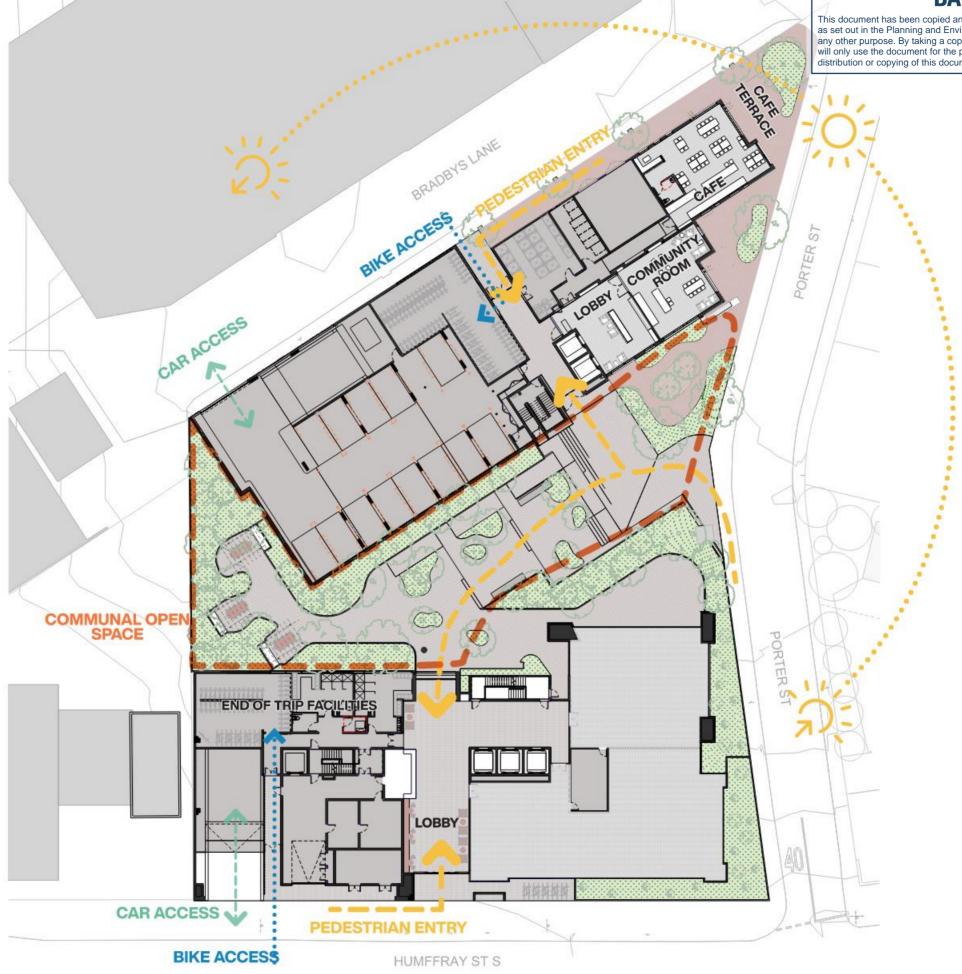








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3.4 Facade Treatment - Residential





Painted steel balconies contrasting concrete facades.





Breezeblock for open-air ventilation in car park.





Brickwork & stained glass providing texture at ground level.





Residential - Looking west from Porter St

3.5 External Material Palette - Residential



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Key

1 CN01 12 GL04
Plain Concrete Clear Glass Louvres
2 CN02 13 BW01

Roughcast Concrete Brick Type 1
3 CN03 14 BW02

Patterned Concrete Brick Type 2

4 CN04 15 BW03

Pattern Concrete - Dark Breezeblock

5 MF01 16 BL01

White Metal Finish External Blind Type 01

6 MF02 17 BL02

Black Metal Finish External Blind Type 02

7 MF03 18 RF0

Coloured Metal Finish Roof Type 01

8 MF05 19 ST01

Black Perforated Metal Finish Bluestone

9 GL01 20 TL01

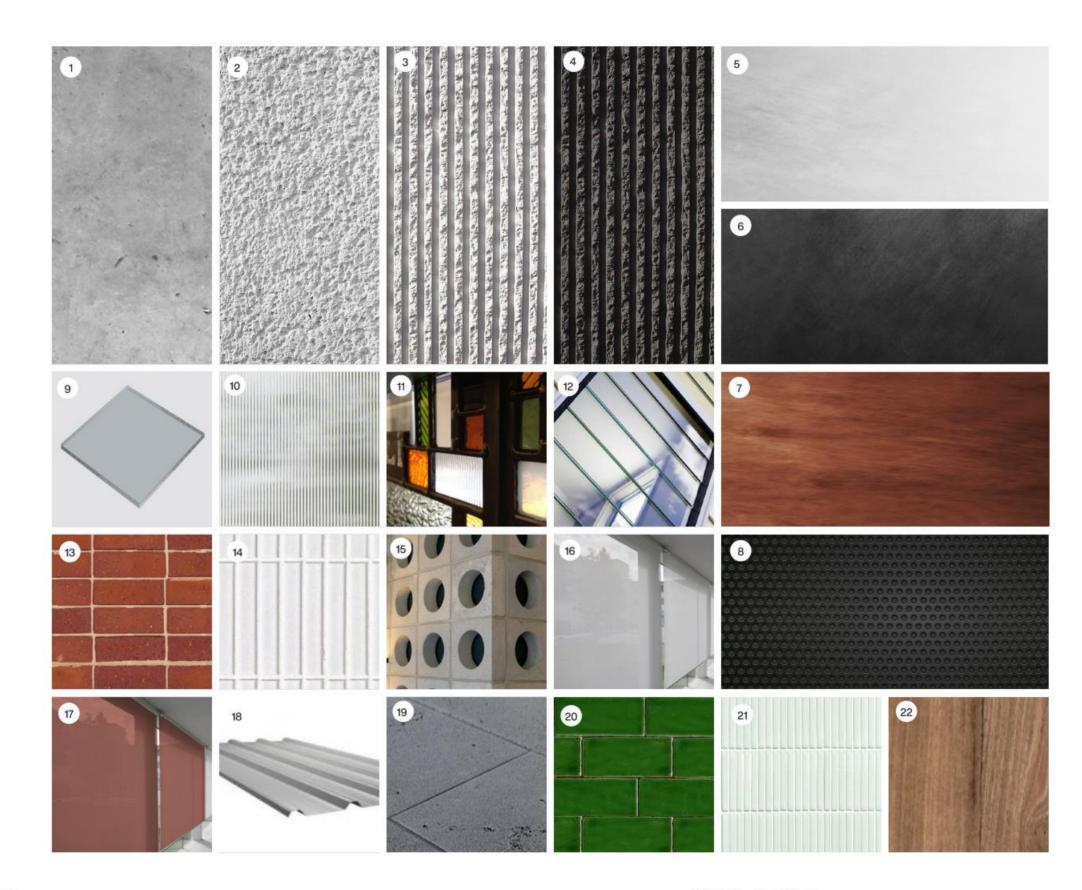
Clear Glass Tile Type 1

10 GL02 21 TL02

Fluted Glass Tile Type 2

11 GL03 22 TF01

Stained Glass Timber Finish



3.6 Facade Treatment - Commercial





Landscaped terraces providing comfortable outdoor space to office tenants.



Expressed concrete grid with recessed glazing.



Stained glass detailing at ground level.



Commercial - Looking from Humffray S

3.7 External Material Palette - Commercial



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1 CN01A

Plain Concrete - Red Oxide

2 CN03A

Patterned Concrete - Red Oxide

3 CN03B

Patterned Concrete - Grey Oxide

4 MF02

Black Metal Finish

5 MF03

Red Metal Finish

6 MF04

Corrugated Steel

7 GL01

Clear Glass

8 GL02

Fluted Glass

9 GL03

Stained Glass

10 GL05

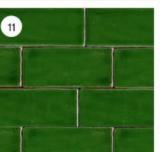
11 TL01

12 TL02

Tile Type 2

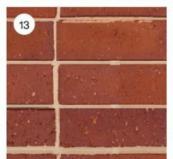
15 ST01

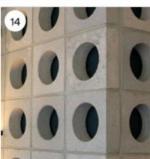
Bluestone





8







10



Clear Glass - Darkened

Tile Type 1

13 BW01

Brick Type 1

14 BW03

Breezeblock



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4

5

3.8 Looking South from Porter St





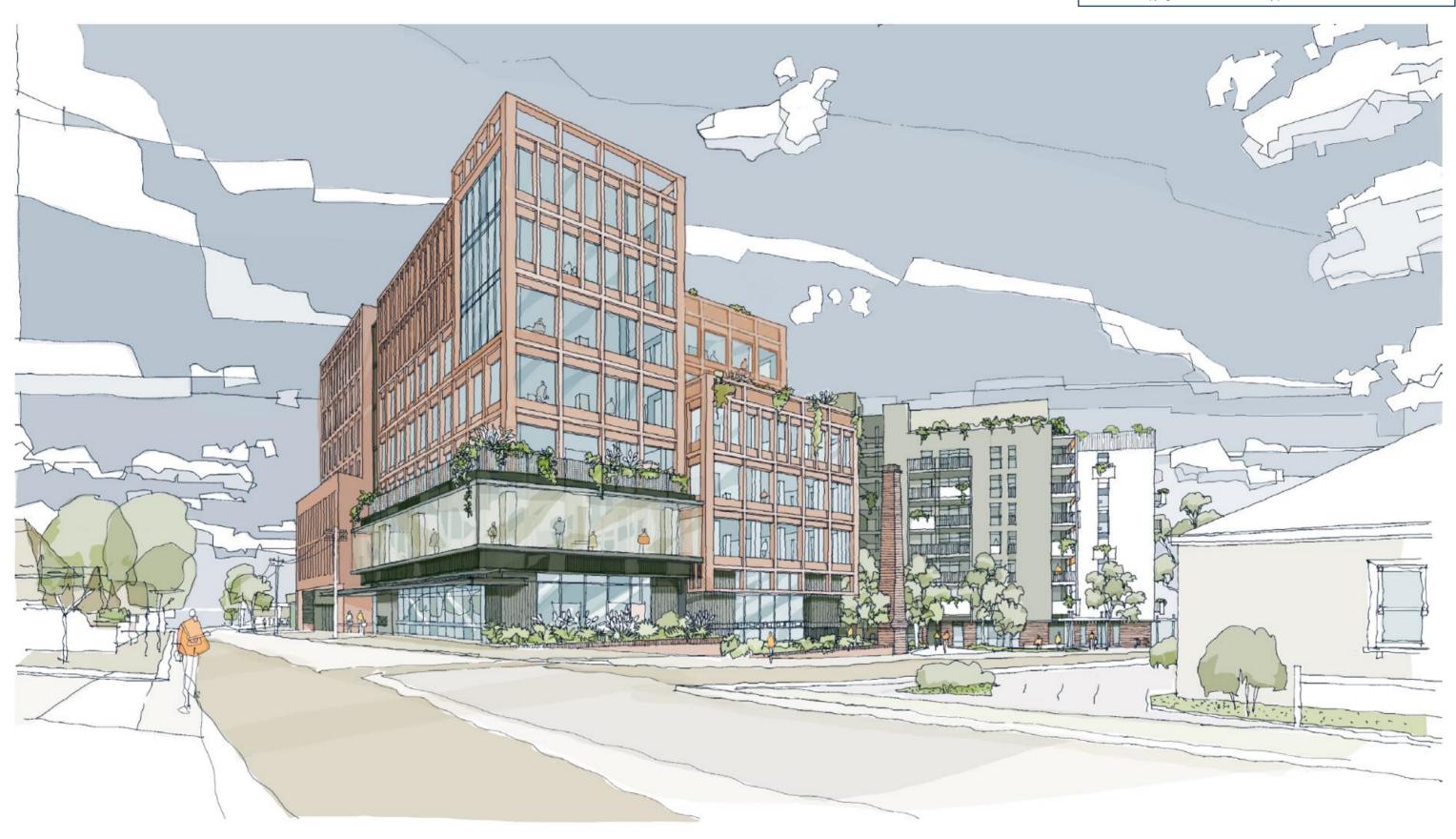
3.9 Looking West from Porter St





3.10 Looking West from Humffray St Sth





4. Shadow Analysis



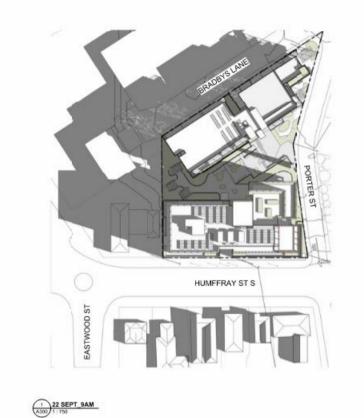
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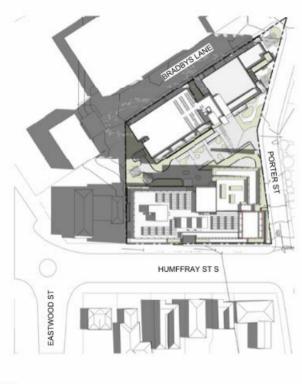


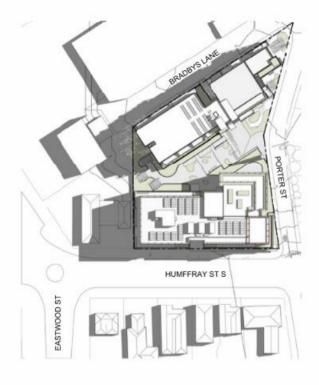
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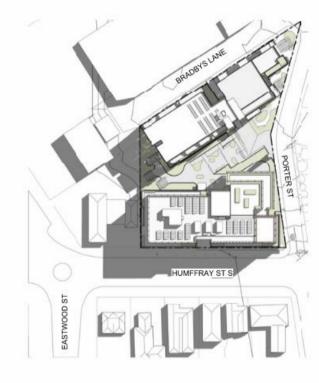
4. Shadow Analysis











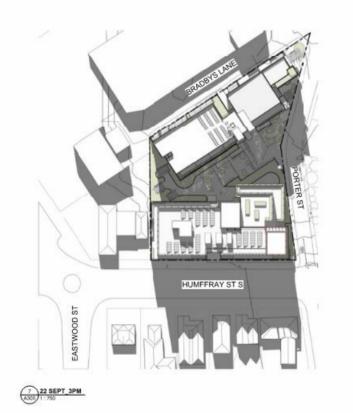






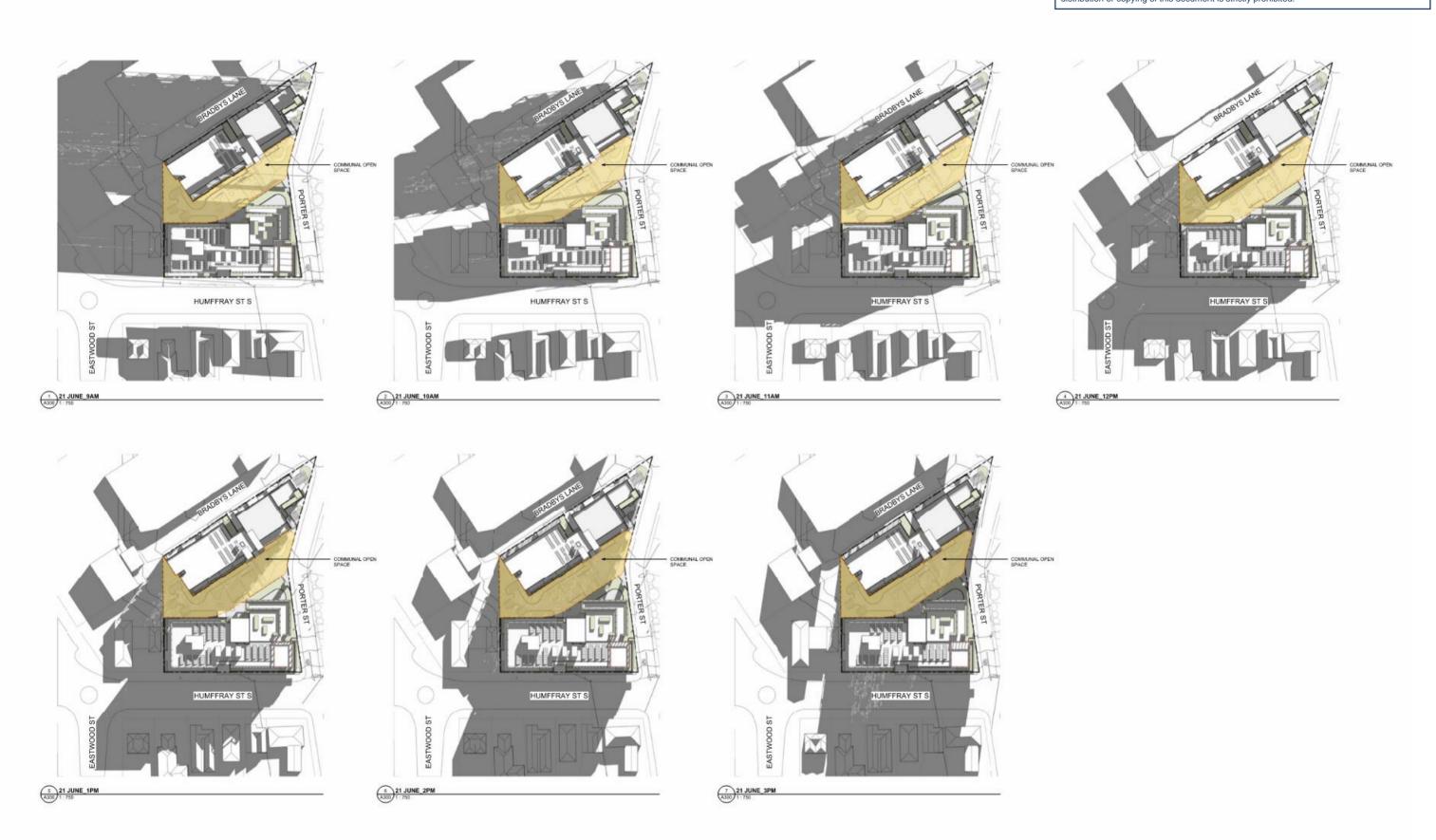






4. Shadow Analysis







5. Development Summary





5. Development Summary



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RESIDENTIAL BUILDING

LEVEL	GROSS FLOOR AREA	GFA CARPARKING	NET SALEABLE AREA	RESIDENTIAL AMENITIES(*)	NLA RETAIL	CIRCULATION SERVICES & STORE	TERRACE	No 1 BED UNITS	No 1 BED UNITS PLUS STUDY	No 2 BED UNITS	No 3 BED UNITS	UNIT TOTALS
GROUND	545.2 m ⁴	664.4 m ^a	0.0 m*	79.4 m²	109.3 m/	290.1 m²	0.0 m°		- 0	. 0	1.5	
LEVEL 1	501.8 m²	537,0 m ²	385.8 m²	0.0 m ²	0.0 m²	116.2 m²	185.6 m ²		1	- 4		
LEVEL 2	1021.1 mf	Pro: 0.0	837.4 m²	0.0 m ^o	0.0 m²	183.7 m ²	181.7 m ⁴		- 1	8		12
LEVEL 3	1021.6 m²	0.0 m ²	837.9 m²	0.0 m²	0.0 m²	163.7 m²	186.0 m²	S 3	- 1		- 31	12
LEVEL 4	1021.6 m ⁴	0.0 m ⁴	837.9 m ^e	0.0 m ^a	0.0 m²	183.7 m/	186.0 m ⁴	3	- 1	. 8	- 51	12
LEVEL 5	1021.6 m²	0.0 m ²	837.9 m²	0.0 m²	0.0 m²	183.7 m²	186.0 m ³	2 8	- 1	8	- 31	12
LEVEL 6	1021.5 m ⁴	0.0 m ⁴	837.8 m²	0.0 m ^a	0.0 m²	183.7 m²	. 186.0 m²	3 3	1	8	- 1	12
LEVEL 7	853.9 m²	0.0 m²	700.4 m²	0.0 m ²	5m 0,0	153,5 m²	253.2 m ²	3	. 0	4	123	4 3
ROOF	853.1 m ⁴	0.0 m ^a	0.0 m²	0.0 m²	0.0 m ^a	853.1 m ^a	0.0 m²	- 0	0	0	2.1	
	7881.2 m²	1202.3 m²	5274.7 m²	79.4 m²	109.3 m²	2331.4 m ²	1364.7 m²	18	6	48		2 74





IN COMMUNITY ROOM

COMMERCIAL BUILDING

LEVEL	GROSS FLOOR AREA	GFA CARPARKING	RESIDENTIAL AMENITIES	NLA OFFICE	NLA COMMERCIAL	CIRCULATION SERVICES & STORE	
GROUND	1160.0 m²	143.3 m²	29.3 m²	306.9 m²	. 401,1 m²	237.4 m	
LEVEL 1	1477.9 m²	9.0 m ²	72.1 m²	1289.5 m ²	9m.0:0	116.3 m	
LEVEL 2	1394.1 m ⁴	0,0 m²	72.1 m²	1205.6 m²	0.0 m²	118,3 m	
LEVEL 3	1236.0 m ³	0.0 m²	72.1 m²	1047.6 m ²	0.0 m²	116.3 m	
LEVEL 4	1093.7 m ⁴	0.0 m²	72.5 m²	905.3 m²	0.0 m²	116.3 m	
LEVEL 5	1093.9 m ²	0.0 m ²	61.1 m ¹	916.5 m ³	0.0 m²	116.3 m	
TEAHT 8	907.5 m²	0.0 m²	61.1 m²	730.3 m²	0.0 m²	116.2 m	
LEVEL B1	149.3 m ²	1881,2 m ²	0.0 m ³	0.0 m ²	0.0 m²	149.3 m	
LEVEL 82	62.7 m²	959,3 m ⁴	0.0 m*	0.0 m²	0.0 m²	62.7 m	
LEVEL MEZ	691.9 m²	1 (0.0 m) ²	44.9 m ²	399.1 m ²	0.0 m²	248.0 m	
ROOF	652.1 m ^a	0.0 m/	0.0 m*	0.0 m²	0.0 m²	652.1 m	
0.407.70	9919.1 m²	2983.8 m²	484.8 m²	6802.7 m ²	401.1 m²	2047.1 m	

NOTE: NLA AREAS ARE INDICATIVE AND ARE INCLUDED FOR BUILDING COSTING AND PLANNING PURPOSES ONLY.

INDICATIVE NEA AREAS ASSUME A SINGLE TENANCY PER LEVEL.

FINAL NUA WILL BE CALCULATED WHEN BUILDING FABRIC IS RATIFIED AND TENANCY SPACES HAVE BEEN ALLOCATED IN ORDER TO DETERMINE SHIGLE OR MULTIPLE TENANCIES PER LEVEL, AS THESE ASPECTS IMPACT FINAL NUA CALCULATIONS.

SHARED OFFICE FACILITIES IN PUBLIC AREAS (in LOBBIES & END OF TRIP FACILITIES) LETTABLE AREA VALUE YET TO BE DETERMINED AND MAY BE MEASURED ON AN N.A. BASIS. INCLUSION OF THIS AREA IN TOTAL N.L.A IS SUBJECT TO BUILDING TENANCY OPERATION & COMMERCIAL NEGOTIATION.

6° SIX DEGREES

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6. Drawings

6.1 Site Information

TP011 Existing Condition & Site Plan

TP012 Demolition Plan

TP013 Proposed Site Plan

6.2 General Arrangement Plans

TP100 Basement B2 Plan

TP101 Basement B1 Plan

TP102 Ground Floor Plan

TP103 Mezzanine Floor Plan

TP104 Level 1 Plan

TP105 Level 2 Plan

TP106 Level 3 Plan

TP107 Level 4 Plan

TP108 Level 5 Plan

TP109 Level 6 Plan

TP110 Level 7 Plan

TP111 Roof Plan

6.3 General Arrangement Elevations

TP200 Residential North & South

TP201 Residential East & West

TP202 Commercial North & South

TP203 Commercial East & West

6.4 General Arrangement Sections

TP300 Residential Sections

TP301 Site Sections

TP302 Commercial Sections

TP303 Site Sections

6.5 Residential Floorplans

TP600 Ground Floor Plan

TP601 Level 1 Plan

TP602 Level 2-6 Plan (Typical)

TP607 Level 7 Plan

TP608 Roof Plan

6.6 Apartment Typologies

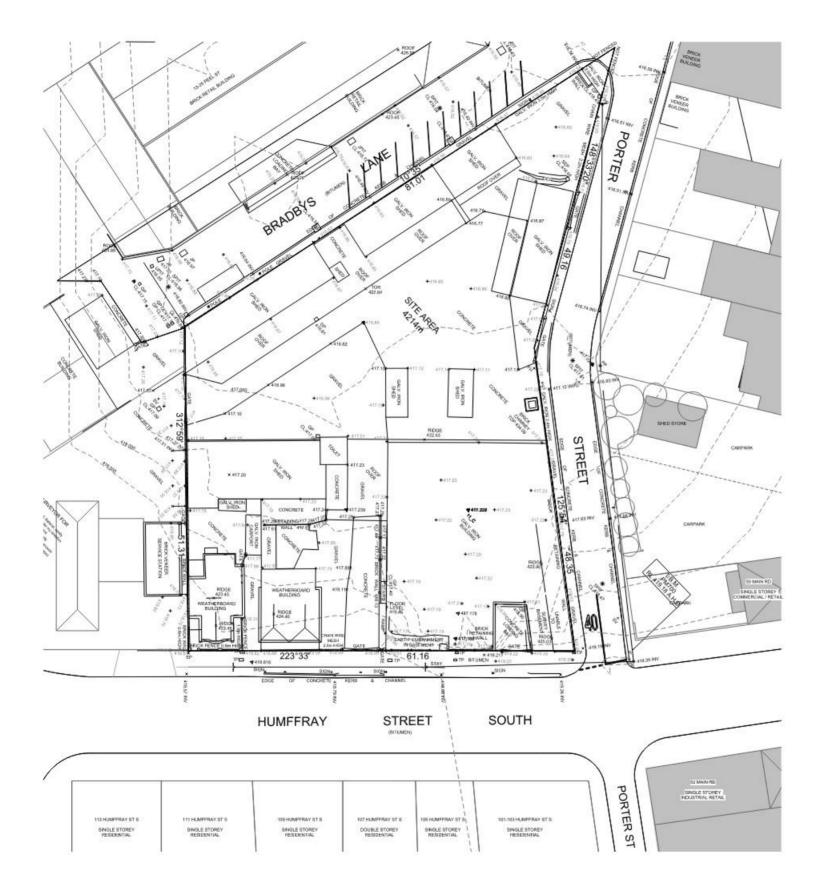
Apartment Plans

BADS Compliance Table

6.7 Licenced Premises Plan

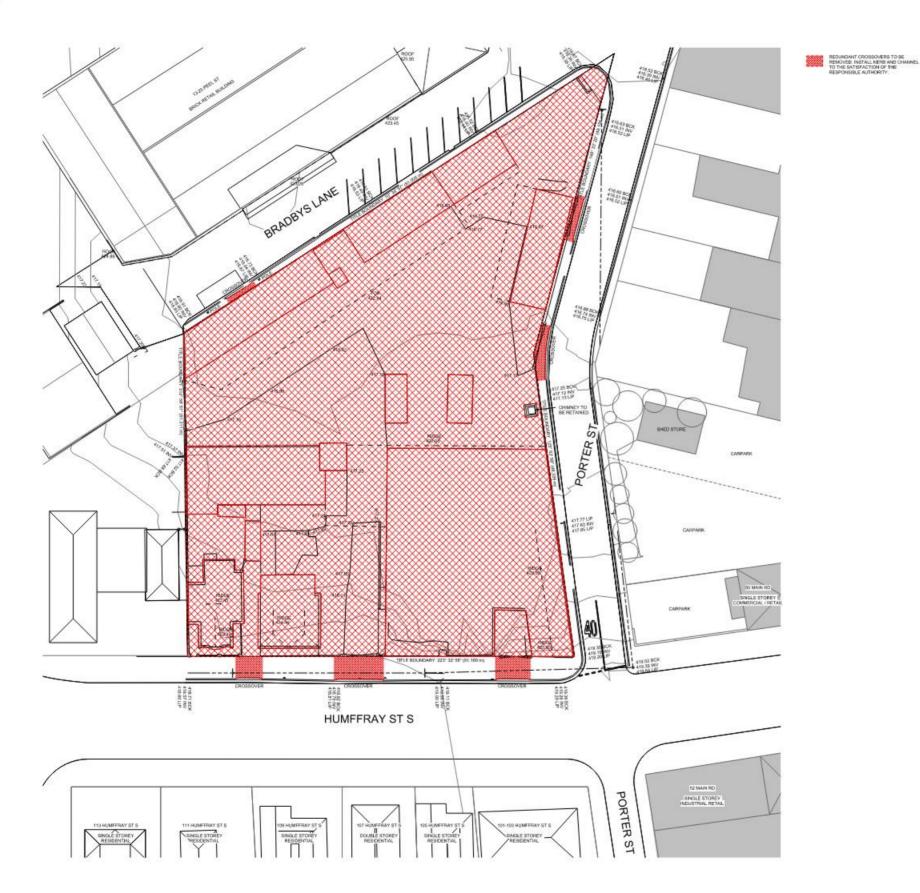


6.1 Drawings





6.1 Drawings



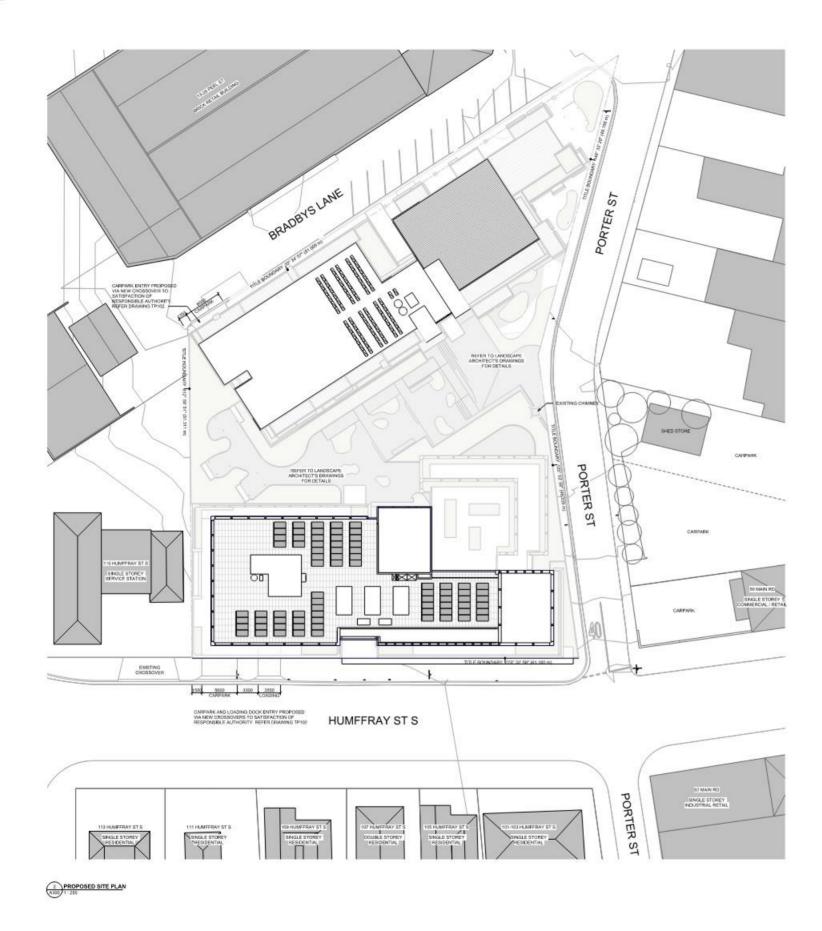


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Demolition TP012 Plan

6.1 Drawings





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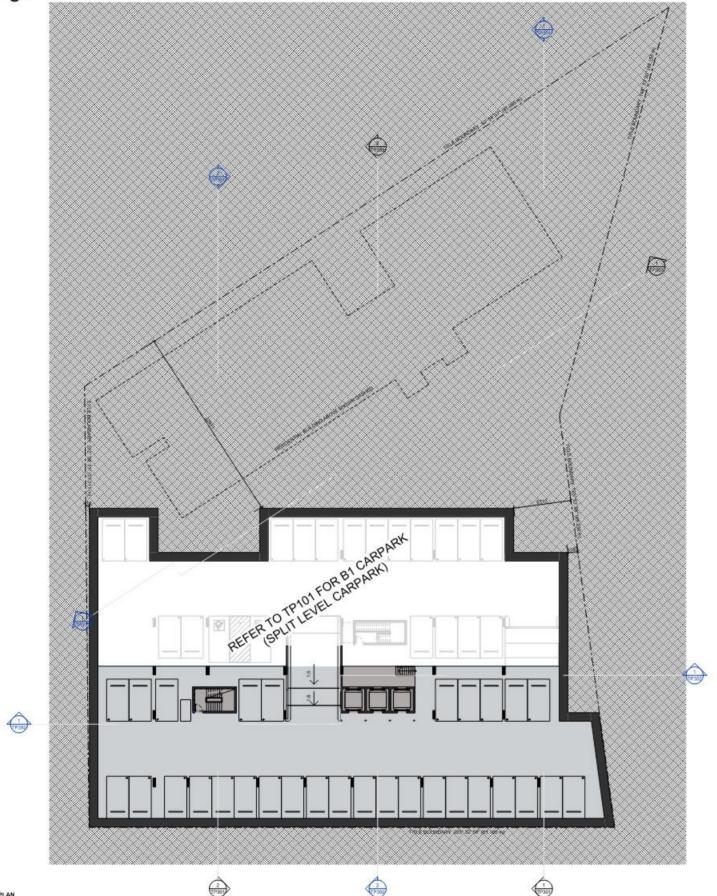


F 61 3 9635 6060 www.sixdegrees.com.au

Scale 1: 250



6.2 Drawings





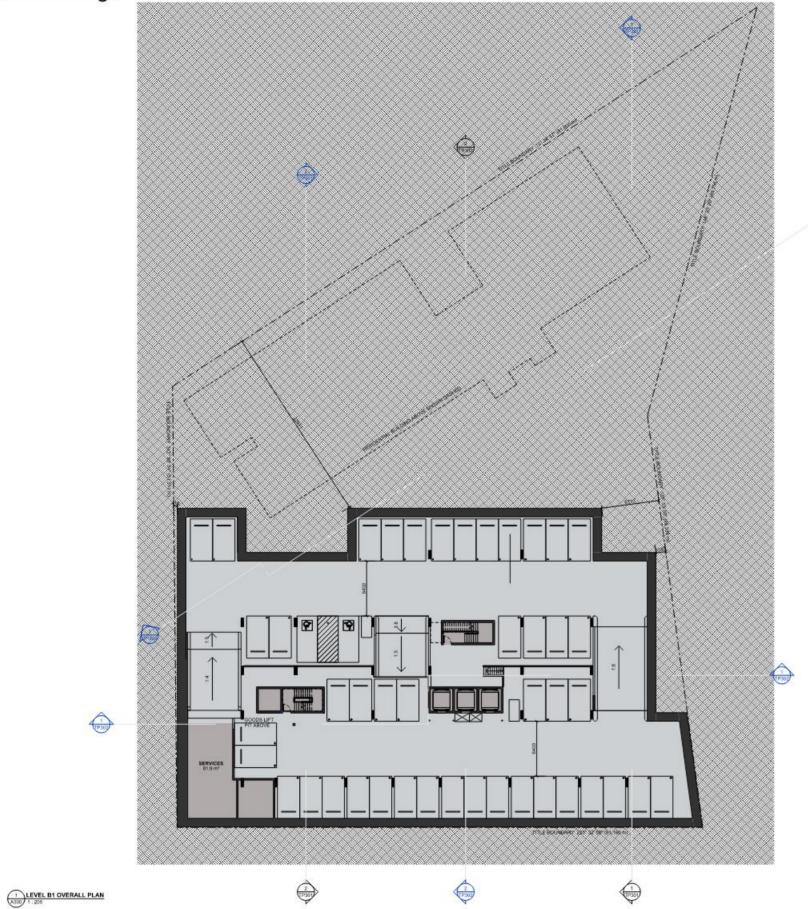
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LEVEL B2 OVERALL PLAN 1:200

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6.2 Drawings





6.2 Drawings

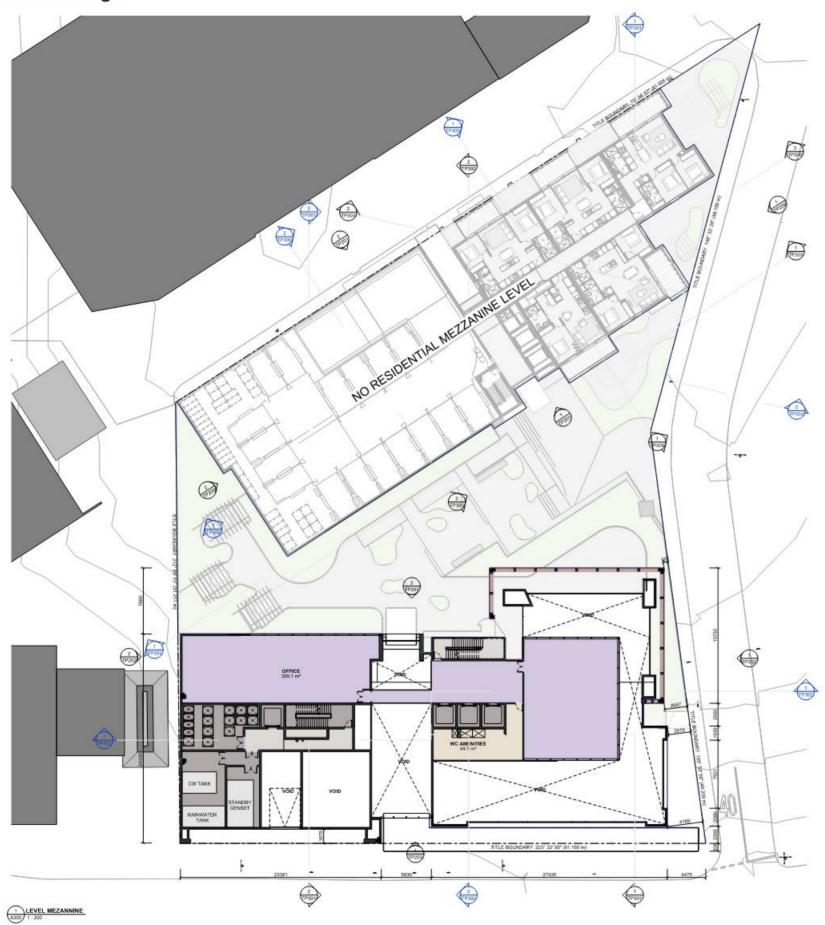




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Ground Floor

TP102 Plan





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Mezzanine

TP103 Plan





















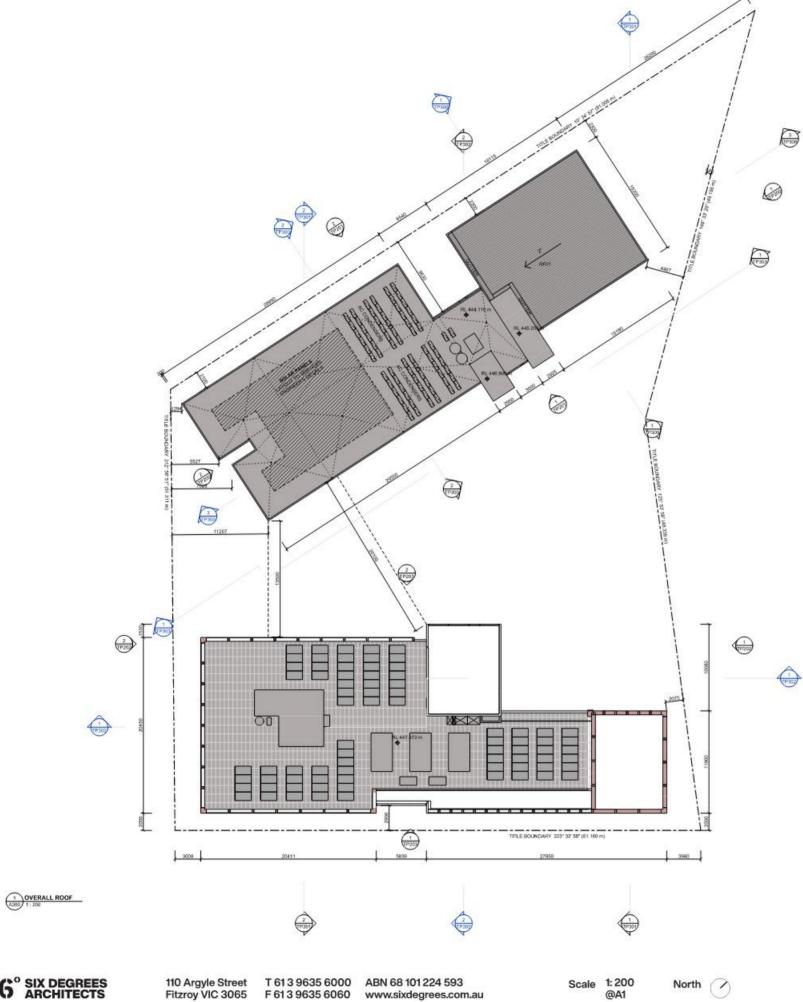
















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NORTH RESIDENTIAL ELEVATION
1 : 200

SOUTH RESIDENTIAL ELEVATION





EAST RESIDENTIAL ELEVATION



2 WEST RESIDENTIAL ELEVATION 1:200



110 Argyle Street T 61 3 9635 6000 ABN 68 101 224 593 Fitzroy VIC 3065 F 61 3 9635 6060 www.sixdegrees.com.au Scale 1: 200 @A1 Residential East & West TP201 Elevations 102-108 Humffray St South, Bakery Hill























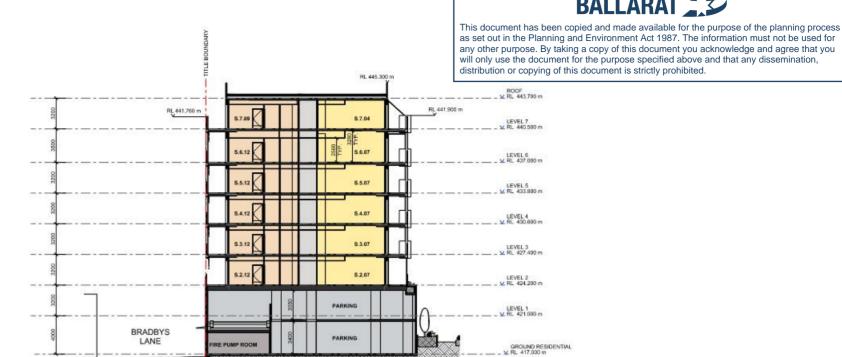
Scale 1: 200 @A1



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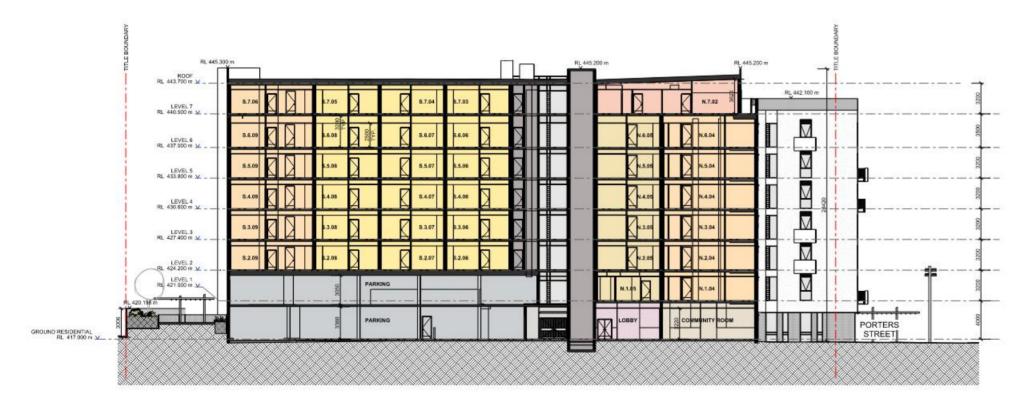
102-108 Humffray St South, Commercial East & West Bakery Hill **TP203 Elevations**





1 RESI_EAST WEST_01 1: 200

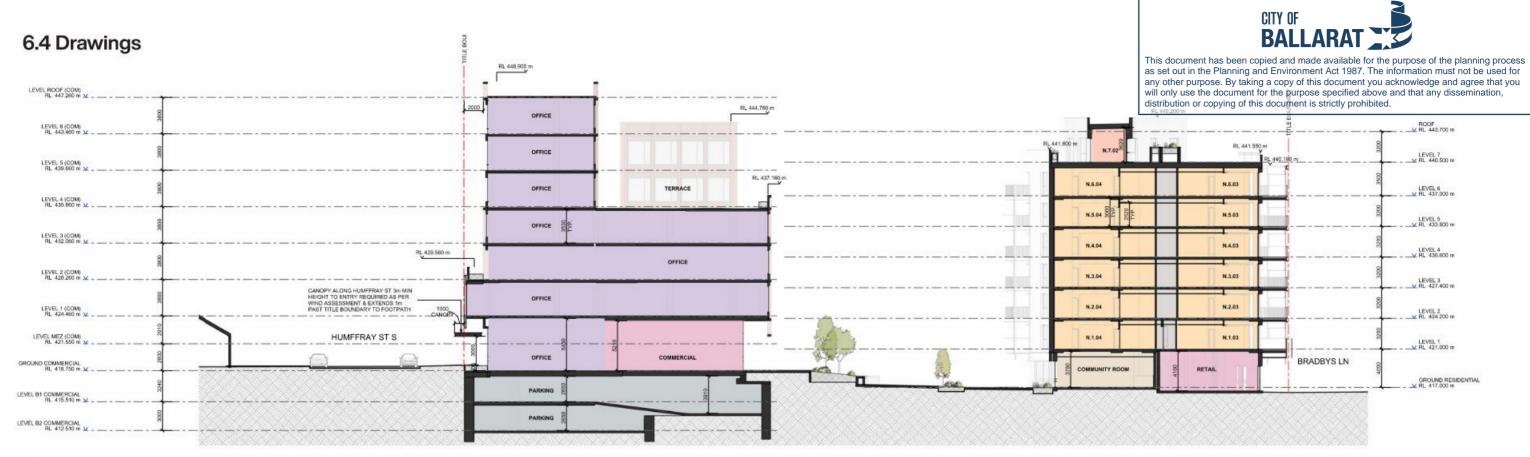








CITY OF



CROSS SECTION_EAST WEST_01

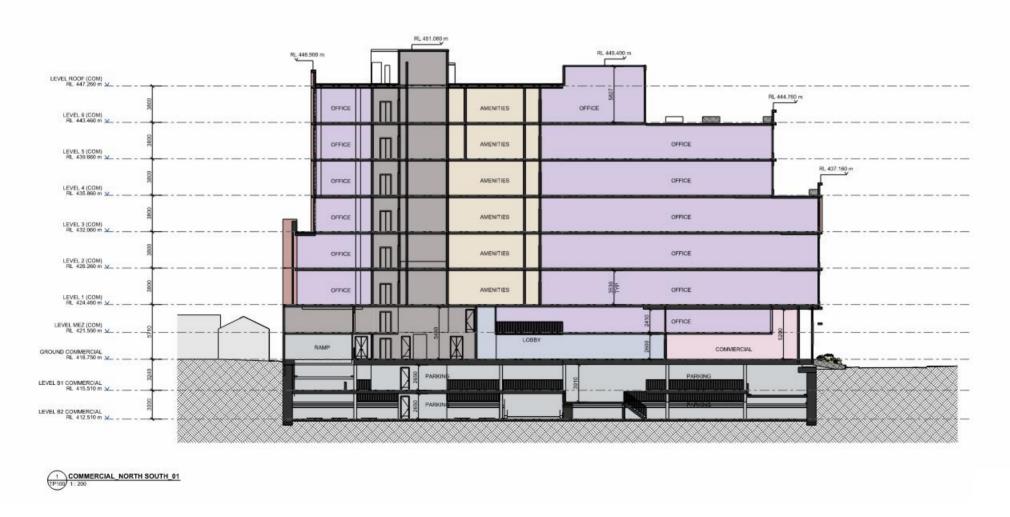


6° SIX DEGREES ARCHITECTS

110 Argyle Street T 61 3 9635 6000 ABN 68 101 224 593 Fitzroy VIC 3065 F 61 3 9635 6060 www.sixdegrees.com.au

Scale 1: 200 @A1 Entire Site TP301 Sections 102-108 Humffray St South, Bakery Hill





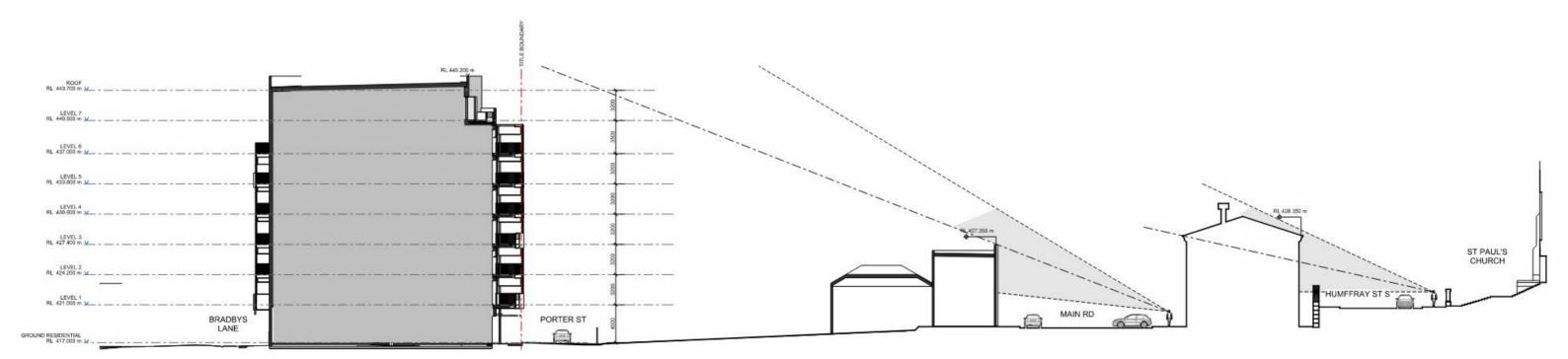


110 Argyle Street T 61 3 9635 6000 ABN 68 101 224 593 Fitzroy VIC 3065 F 61 3 9635 6060 www.sixdegrees.com.au

Scale 1: 200 @A1 Commercial 102-108 Hui TP302 Sections Bakery Hill









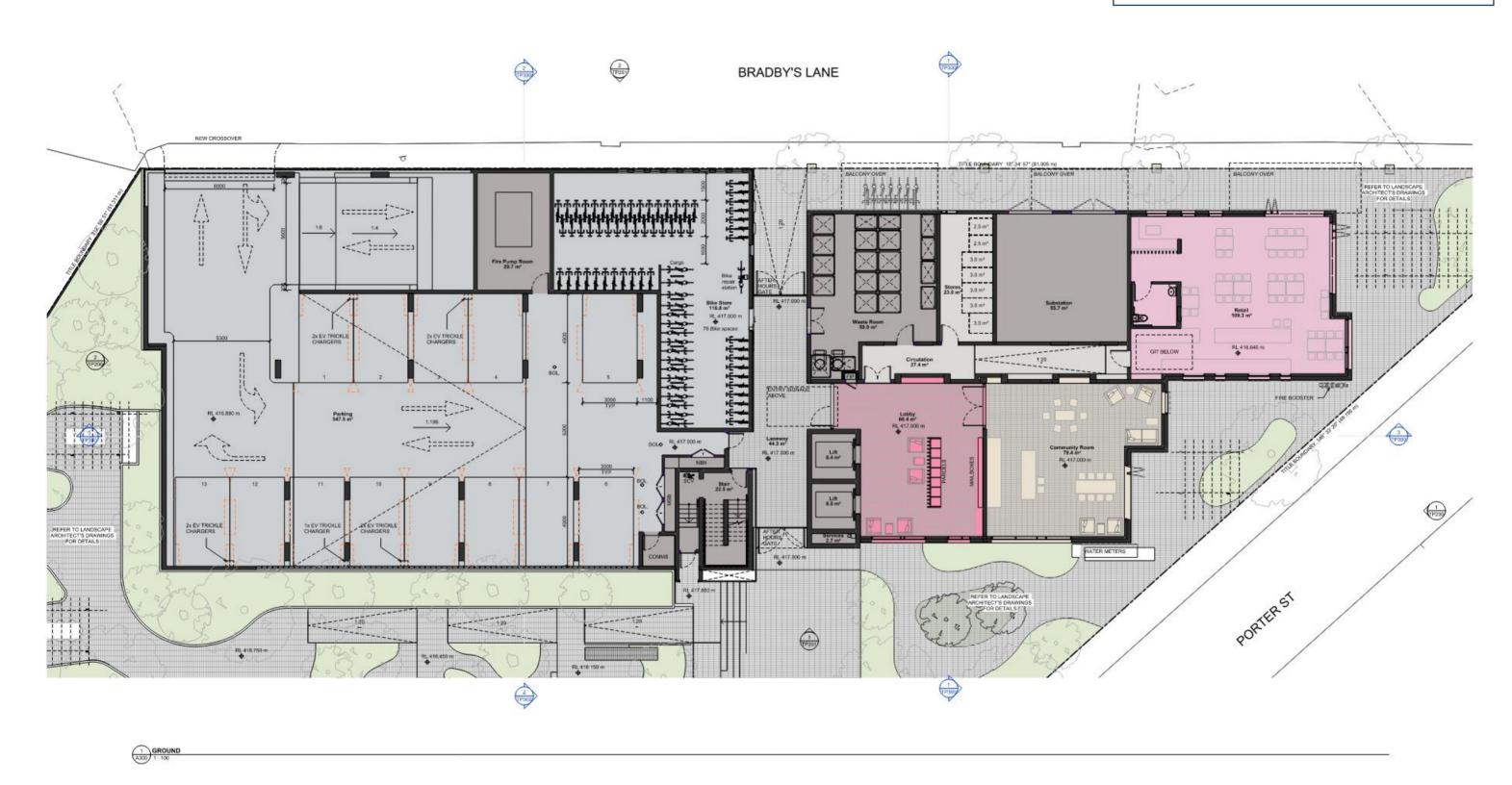
2 CROSS SECTION_MAIN RD

110 Argyle Street T 61 3 9635 6000 ABN 68 101 224 593 Fitzroy VIC 3065 F 61 3 9635 6060 www.sixdegrees.com F 61 3 9635 6060 www.sixdegrees.com.au

Scale 1: 200

Entire Site **TP303 Sections** 102-108 Humffray St South, Bakery Hill









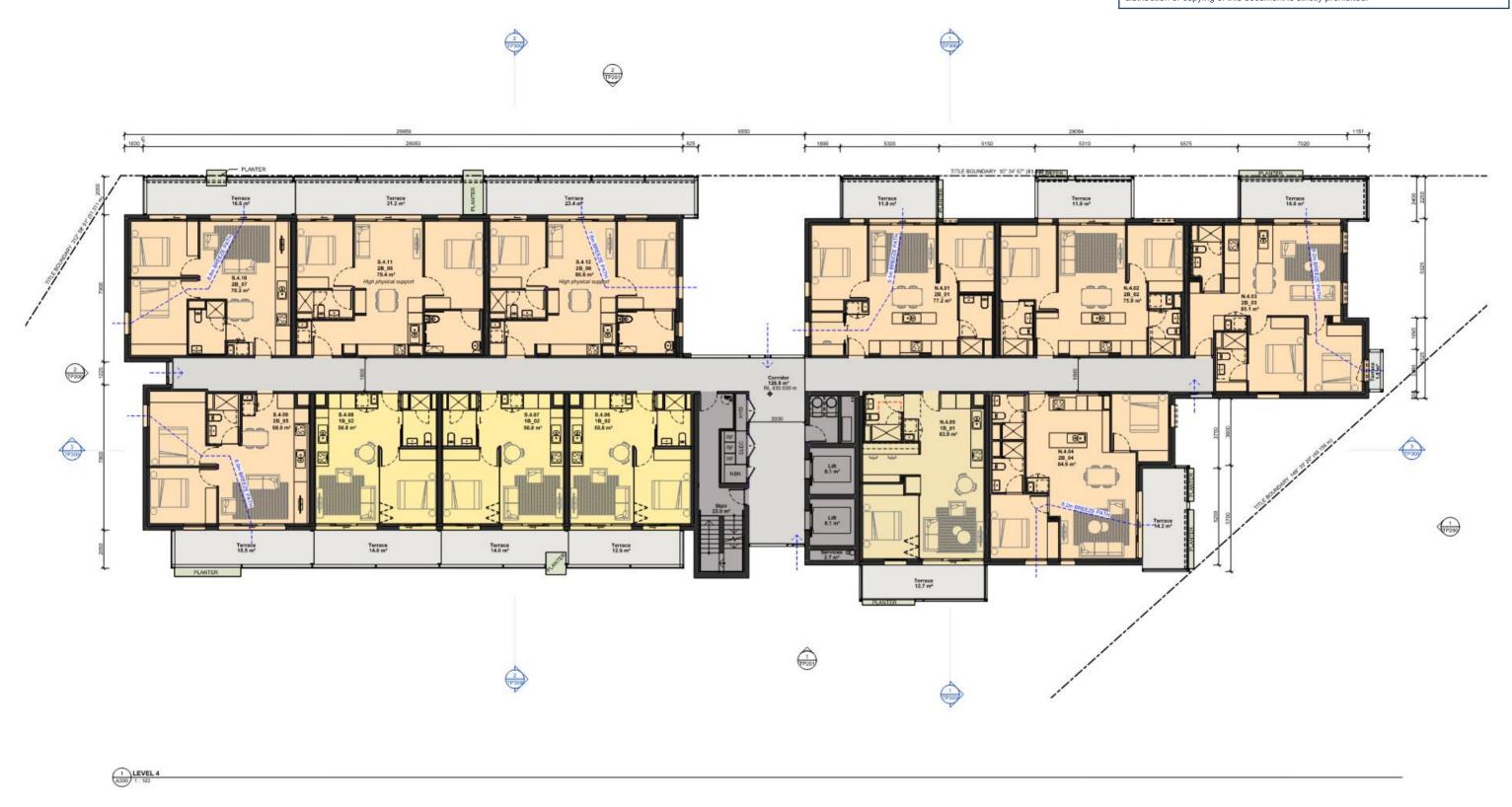




Residential Level 1 Plan

TP601





6° SIX DEGREES ARCHITECTS

110 Argyle Street T 61 3 9635 6000 ABN 68 101 224 593 Fitzroy VIC 3065 F 61 3 9635 6060 www.sixdegrees.com.au

Scale 1: 100 @A1



---- CROSS/VENTU ATION P.

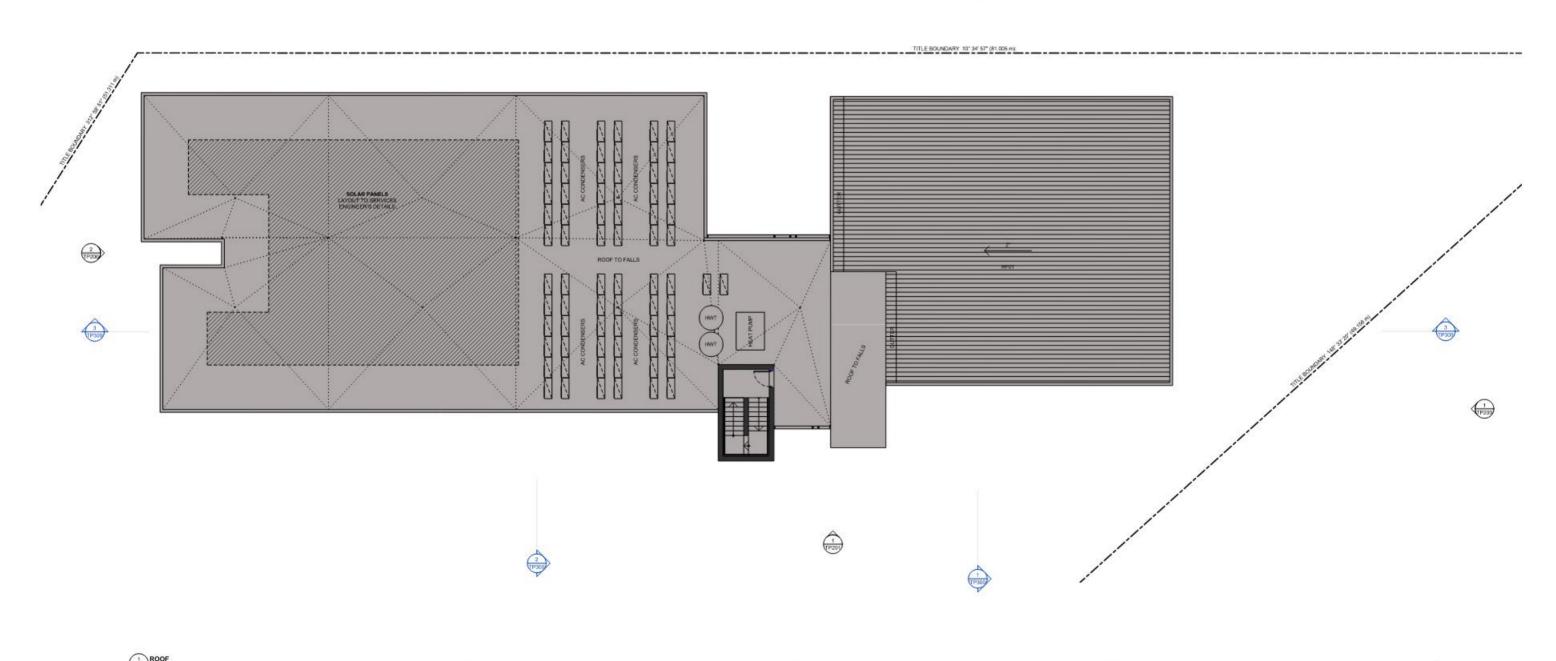






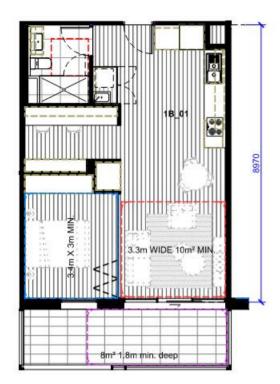


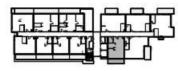






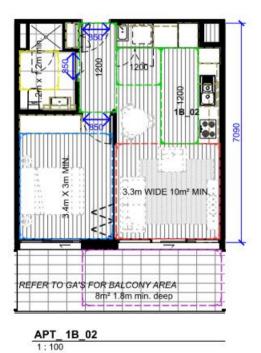
TP608





LEVEL 2-6







LEVEL 2-6



LEVEL 7



110 Argyle Street T 61 3 9635 6000 ABN 68 101 224 593 Fitzroy VIC 3065 F 61 3 9635 6060 www.sixdegrees.com F 61 3 9635 6060 www.sixdegrees.com.au



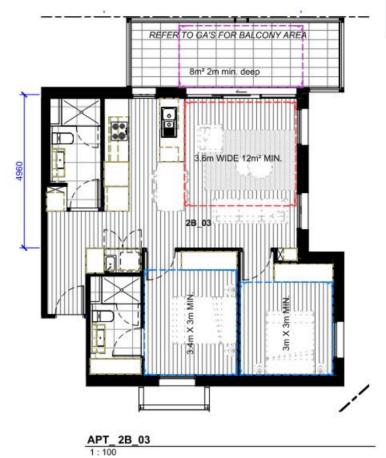


LEVEL 1

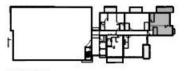


APT_1B_03 1:100

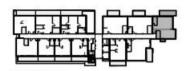








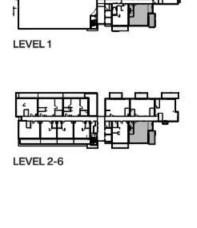
LEVEL 1

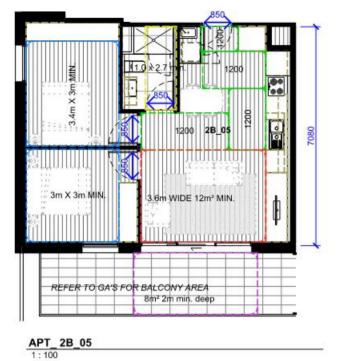


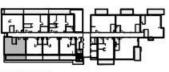
LEVEL 2-6



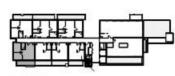








LEVEL 2-6



LEVEL 7

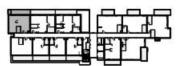




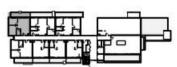
APT_ 2B_07



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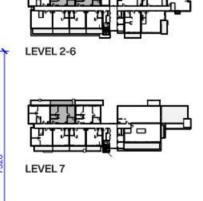


LEVEL 2-6



LEVEL 7



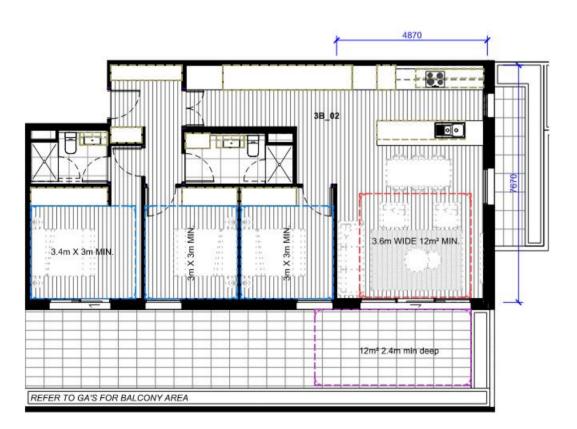


APT_ 2B_06 1:100

Apartment Types

TP500





APT_3B_02 1:100









LEVEL 7



LEVEL 7

6.6 BADS Compliance Table

BADS COMPLIANCE												
LEVEL	UNIT NUMBER	TYPE	Internal Storage	External Storage	BADS ACC	POS	Living	Bedroom Main	Bedroom Secondary	Room Depth	Windows	Ventilation
			124.9 m ²									
VEL 1	N.1.01	2B 02	14.0 m²	0.0 m ³	NA	YES	YES	YES	YES	YES	YES	YES
VEL 1	N.1.02	2B 02	14.0 m³	0.0 m ³	NA NA	YES	YES	YES	YES	YES	YES	NA NA
VEL 1	N.1.03	2B 03	14.0 m³	0.0 m ³	NA	YES	YES	YES	YES	YES	YES	YES
VEL 1	N.1.04	2B 04	11.0 m³	3.0 m ³	YES	YES	YES	YES	YES	YES	YES	YES
VEL 1	N.1.05	1B_02	8.6 m³	2.0 m ³	YES	YES	YES	YES	NA	YES	YES	NA
VEL 2	N.2.01	2B 01	14.0 m ³	0.0 m ²	NA	YES	YES	YES	YES	YES	YES	YES
VEL 2	N.2.02	2B 02	14.0 m³	0.0 m ³	NA	YES	YES	YES	YES	YES	YES	NA
VEL 2	N.2.03	2B 03	14.0 m³	0.0 m ³	NA	YES	YES	YES	YES	YES	YES	YES
VEL 2	N.2.04	2B_04	11.0 m³	3.0 m ³	YES	YES	YES	YES	YES	YES	YES	YES
VEL 2	N.2.05	1B_01	11.5 m ³	0.0 m ³	NA	YES	YES	YES	NA	YES	YES	NA
VEL 2	S.2.06	1B_02	7.7 m ³	2.5 m ³	YES	YES	YES	YES	NA	YES	YES	NA
VEL 2	S.2.07	1B_02	7.7 m³	2.5 m³	YES	YES	YES	YES	NA	YES	YES	NA
VEL 2	S.2.08	1B_02	7.7 m ³	2.5 m ³	YES	YES	YES	YES	NA	YES	YES	NA
VEL 2	S.2.09	2B_05 2B_07	11.8 m ³	2.5 m ³	YES YES	YES	YES	YES YES	YES	YES	YES	YES
VEL 2	S.2.10 S.2.11	2B_07 2B_06	11.7 m³ 11.5 m³	2.5 m ³ 2.5 m ³	NA .	YES	YES	YES	YES	YES	YES	NA NA
VEL 2	S.2.12	2B_06	11.5 m ³	2.5 m ³	NA NA	YES	YES	YES	YES	YES	YES	YES
	4											4
VEL 3	N.3.01	2B_01	14.0 m ³	0.0 m ³	NA	YES	YES	YES	YES	YES	YES	YES
VEL 3	N.3.02	2B_02	14.0 m ³	0.0 m ^a	NA	YES	YES	YES	YES	YES	YES	NA
VEL 3	N.3.03	2B_03	14.4 m³	0.0 m ³	NA	YES	YES	YES	YES	YES	YES	YES
VEL 3	N.3.04	2B_04	11.0 m ²	3.0 m ²	YES	YES	YES	YES	YES	YES	YES	YES
VEL 3	N.3.05 S.3.06	1B_01 1B_02	11.5 m³ 7.7 m³	0.0 m ³ 2.5 m ⁸	NA YES	YES	YES	YES YES	NA NA	YES	YES	NA NA
VEL 3	S.3.06 S.3.07	1B_02	7.7 m ³	2.5 m ³	YES	YES	YES	YES	NA NA	YES	YES	NA NA
VEL 3	S.3.08	1B_02	7.7 m³	2.5 m ³	YES	YES	YES	YES	NA	YES	YES	NA NA
VEL 3	S.3.09	2B 05	11.8 m³	2.5 m ³	YES	YES	YES	YES	YES	YES	YES	YES
VEL 3	S.3.10	2B_07	11.7 m ³	2.5 m³	YES	YES	YES	YES	YES	YES	YES	YES
VEL 3	S.3.11	2B_06	11.5 m ³	2.5 m ³	NA	YES	YES	YES	YES	YES	YES	NA
VEL 3	S.3.12	2B_06	11.5 m ²	2.5 m ³	NA	YES	YES	YES	YES	YES	YES	YES
VEL 4	IN 4 O4	2D 04	14.0 3	0.0 3	INIA	VEC	VEG	VEC	VEC	lyre	lvro.	VEC
VEL 4	N.4.01	2B_01	14.0 m³	0.0 m ³	NA NA	YES	YES	YES	YES	YES	YES	YES
VEL 4	N.4.02 N.4.03	2B_02 2B_03	14.0 m ³	0.0 m ³	NA NA	YES	YES	YES YES	YES YES	YES	YES	NA YES
VEL 4	N.4.04	2B_03	11.0 m ³	3.0 m ³	YES	YES	YES	YES	YES	YES	YES	YES
VEL 4	N.4.05	1B_01	11.5 m ²	0.0 m ³	NA	YES	YES	YES	NA	YES	YES	NA
VEL 4	S.4.06	1B 02	7.7 m ^a	2.5 m ³	YES	YES	YES	YES	NA	YES	YES	NA
VEL 4	S.4.07	1B_02	7.7 m ³	2.5 m ³	YES	YES	YES	YES	NA	YES	YES	NA
EVEL 4	S.4.08	1B_02	7.7 m³	2.5 m³	YES	YES	YES	YES	NA	YES	YES	NA
VEL 4	S.4.09	28_05	11.8 m³	2.5 m³	YES	YES	YES	YES	YES	YES	YES	YES
VEL 4	S.4.10	2B_07	11.7 m³	2.5 m³	YES	YES	YES	YES	YES	YES	YES	YES
VEL 4	S.4.11	2B_06	11.5 m ³	2.5 m³	NA:	YES	YES	YES	YES	YES	YES	NA
VEL 4	S.4.12	2B_06	11.5 m ³	2.5 m ³	NA	YES	YES	YES	YES	YES	YES	YES
VEL 5	N.5.01	2B 01	14.0 m ³	0.0 m ²	NA	YES	YES	YES	YES	YES	YES	YES
VEL 5	N.5.02	2B 02	14.0 m ³	0.0 m ³	NA	YES	YES	YES	YES	YES	YES	NA
VEL 5	N.5.03	2B 03	14.0 m³	0.0 m ^a	NA	YES	YES	YES	YES	YES	YES	YES
VEL 5	N.5.04	2B_04	11.0 m³	3.0 m ³	YES	YES	YES	YES	YES	YES	YES	YES
VEL 5	N.5.05	1B_01	11.5 m³	0.0 m ³	NA	YES	YES	YES	NA	YES	YES	NA.
VEL 5	S.5.06	1B_02	7.7 m ³	2.5 m³	YES	YES	YES	YES	NA	YES	YES	NA
VEL 5	S.5.07	1B_02	7.7 m³	2.5 m ³	YES	YES	YES	YES	NA	YES	YES	NA
VEL 5	S.5.08	1B_02	7.7 m ³	2.5 m ³	YES	YES	YES	YES	NA	YES	YES	NA
VEL 5	S.5.09	2B_05	11.8 m ³	2.5 m ³	YES	YES	YES	YES	YES	YES	YES	YES
VEL 5	S.5.10 S.5.11	2B_07 2B_06	11.7 m ³	2.5 m ²	YES NA	YES	YES	YES	YES	YES	YES YES	YES NA
VEL 5	S.5.11 S.5.12	2B_06	11.5 m²	2.5 m ³	NA NA	YES	YES	YES	YES	YES	YES	YES
	D.O. IE.		12.106.00	2.0	- 41 1	1,20	1,20			120	. 20	123
VEL 6	N.6.01	2B_01	14.0 m ³	0.0 m ³	NA	YES	YES	YES	YES	YES	YES	YES
VEL 6	N.6.02	2B_02	14.0 m³	0.0 m ³	NA	YES	YES	YES	YES	YES	YES	NA
VEL 6	N.6.03	2B_03	14.0 m ^a	0.0 m ³	NA	YES	YES	YES	YES	YES	YES	YES
VEL 6	N.6.04	2B_04	11.0 m ³	3.0 m ²	YES	YES	YES	YES	YES	YES	YES	YES
VEL 6	N.6.05	1B_01	11.5 m ³	0.0 m ^a	NA	YES	YES	YES	NA	YES	YES	NA
VEL 6	S.6.06	1B_02	7.7 m³	2.5 m³	YES	YES	YES	YES	NA	YES	YES	NA
VEL 6	S.6.07	1B_02	7.7 m³	2.5 m ³	YES	YES	YES	YES	NA NA	YES	YES	NA NA
VEL 6	S.6.08 S.6.09	1B_02 2B_05	7.7 m ³ 11.8 m ³	2.5 m ³	YES YES	YES YES	YES	YES	YES	YES	YES YES	YES
VEL 6	S.6.10	2B_05 2B_07	11.8 m²	2.5 m ³	YES	YES	YES	YES	YES	YES	YES	YES
VEL 6	S.6.11	2B_0/	11.5 m ³	2.5 m ³	NA	YES	YES	YES	YES	YES	YES	NA
VEL 6	S.6.12	2B_06	11.5 m ³	2.5 m ³	NA	YES	YES	YES	YES	YES	YES	YES
VEL 7	N.7.01	3B_01	21.8 m³	0.0 m ³	NA	YES	YES	YES	YES	YES	YES	YES
VEL 7	N.7.02	3B_02	25.8 m³	0.0 m ³	NA	YES	YES	YES	YES	YES	YES	YES
VEL 7	S.7.03	1B_02	7.7 m³	2.5 m ³	YES	YES	YES	YES	NA	YES	YES	NA
VEL 7	S.7.04	1B_02	7.7 m ³	2.5 m ³	YES	YES	YES	YES	NA	YES	YES	NA
VEL 7	S.7.05	1B_02	7.7 m ³	2.5 m³	YES	YES	YES	YES	NA	YES	YES	NA
VEL 7 VEL 7	S.7.06 S.7.07	2B_05 2B_07	11.8 m ³	2.5 m ³ 2.5 m ³	YES YES	YES YES	YES	YES YES	YES YES	YES	YES YES	YES
VEL 7	S.7.07 S.7.08	2B_07 2B_06	11.7 m² 11.5 m³	2.5 m ²	NA NA	YES	YES	YES	YES	YES	YES	NA NA
VEL 7	S.7.09	2B_06	11.5 m³	2.5 m ³	NA NA	YES	YES	YES	YES	YES	YES	YES
			975.0 m³		red.		1.25				1.20	



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