

VERVE RESIDENCES DEVELOPMENT

464 - 470 KING STREET, NEWCASTLE

Location Map



External Perspective



DEVELOPMENT APPLICATION

Drawing Register

A1 Drawings

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BASIX Specification

Building Sustainability Assessment	Minimum BASIX Requirements	Proposed BASIX Performance
Energy	Energy consumption must be less than or equal to the maximum energy consumption allowed by the BASIX tables for the proposed building type and use.	Energy consumption is less than the maximum allowed by the BASIX tables.
Water	Water consumption must be less than or equal to the maximum water consumption allowed by the BASIX tables for the proposed building type and use.	Water consumption is less than the maximum allowed by the BASIX tables.
Thermal Comfort	Thermal comfort must be maintained throughout the year for all occupied spaces.	Thermal comfort is maintained throughout the year for all occupied spaces.
Glare	Glare must be controlled to prevent visual discomfort and damage to building materials.	Glare is controlled to prevent visual discomfort and damage to building materials.
Lighting	Lighting must be designed to provide adequate illumination while minimizing energy consumption.	Lighting is designed to provide adequate illumination while minimizing energy consumption.
Acoustics	Acoustic performance must be maintained to ensure a high quality indoor environment.	Acoustic performance is maintained to ensure a high quality indoor environment.
Indoor Air Quality	Indoor air quality must be maintained to ensure a healthy and comfortable living environment.	Indoor air quality is maintained to ensure a healthy and comfortable living environment.
External Noise	External noise must be controlled to prevent disturbance to the surrounding community.	External noise is controlled to prevent disturbance to the surrounding community.
Material and Resource Efficiency	Materials and resources must be used efficiently to minimize waste and environmental impact.	Materials and resources are used efficiently to minimize waste and environmental impact.

DA-001 - 464-470 King Street, Newcastle
The owner is responsible for ensuring that the development complies with the BASIX tables and the BASIX specification.
The owner is responsible for ensuring that the development complies with the BASIX tables and the BASIX specification.



Windermere Developments
464-470 King Street
Newcastle
NSW

hill thalys
ARCHITECTURE
ARCHITECTURE + URBAN PROVISION

VERVE
RESIDENCES

General
Cover Sheet

Project: 1518
Drawing: DA-001
Date: 11/03/18
Scale: 1:1000
Author: [Name]
Check: [Name]
Approved: [Name]

Local Views

The City of Newcastle is located on the northern shore of the Hunter River. The City is bounded by the Hunter River to the north, the Pacific Highway to the east, and the Newcastle Harbour to the south. The City is a coastal city with a mix of urban, suburban, and rural landscapes. The City is a coastal city with a mix of urban, suburban, and rural landscapes. The City is a coastal city with a mix of urban, suburban, and rural landscapes.



Legend

- View Corridor
- View of the Harbour
- View of the City
- View of the Harbour Bridge
- View of the Newcastle Central Business District
- View of the Hunter River
- View of the Pacific Highway

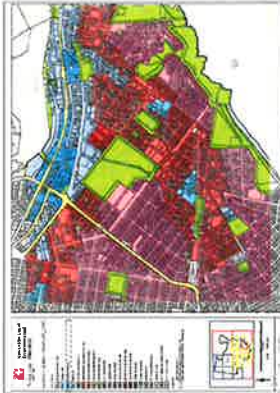
Distant Views

The City of Newcastle is located on the northern shore of the Hunter River. The City is bounded by the Hunter River to the north, the Pacific Highway to the east, and the Newcastle Harbour to the south. The City is a coastal city with a mix of urban, suburban, and rural landscapes. The City is a coastal city with a mix of urban, suburban, and rural landscapes. The City is a coastal city with a mix of urban, suburban, and rural landscapes.



Legend

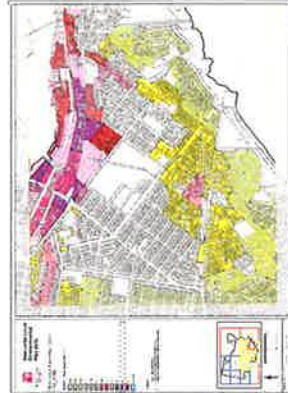
- View Corridor
- View of the Harbour
- View of the City
- View of the Harbour Bridge
- View of the Newcastle Central Business District
- View of the Hunter River
- View of the Pacific Highway



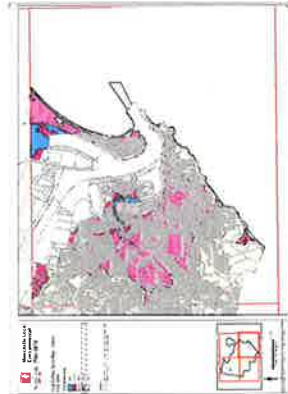
Land Zoning - B3 Commercial Core



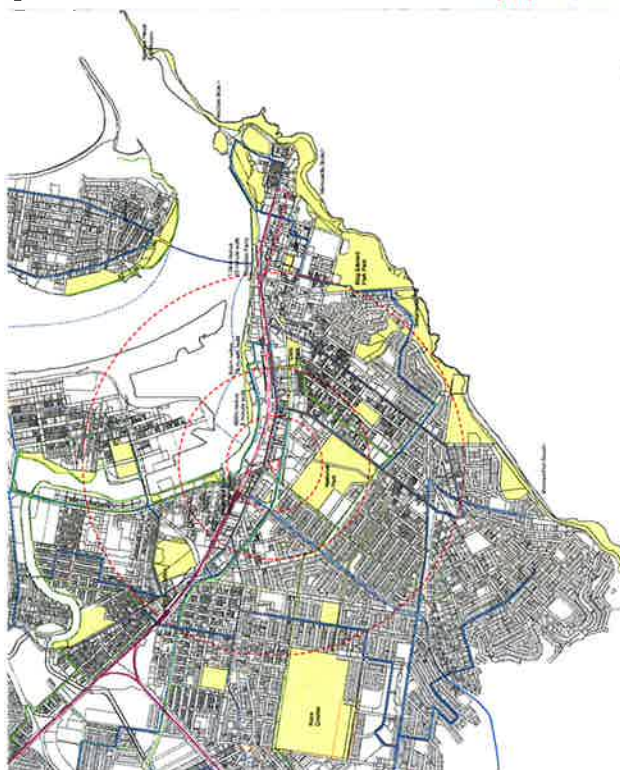
Height of Building - 60m



Floor Space Ratio 5:1 for Residential (6:1 for Commercial)



Add Suburban Sites - Class 4



Urban Transport

The City of Newcastle is located on the northern shore of the Hunter River. The City is bounded by the Hunter River to the north, the Pacific Highway to the east, and the Newcastle Harbour to the south. The City is a coastal city with a mix of urban, suburban, and rural landscapes. The City is a coastal city with a mix of urban, suburban, and rural landscapes. The City is a coastal city with a mix of urban, suburban, and rural landscapes.



Legend

- Walking
- Cycling
- Public Transport
- Major Roads
- Hunter River

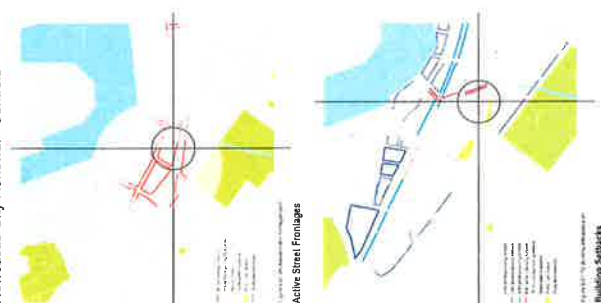
Control	Value
Height	60m
Floor Space Ratio	5:1
Land Zoning	B3 Commercial Core
Add Suburban Sites	Class 4

Car Parking Requirements

NCC Control Summary for 404 King Street

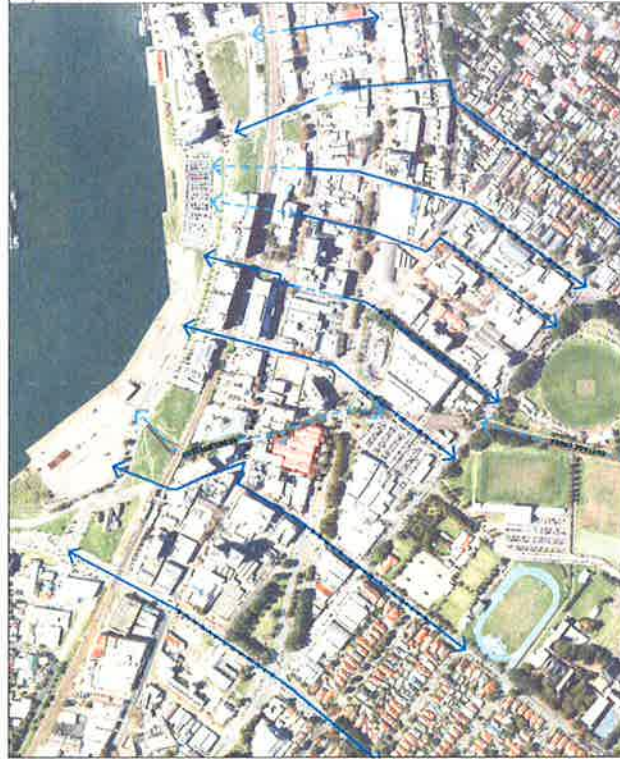
- Site Area: 4,385 sqm
- FSC 1.1: 22,075 sqm
- Building Height: 60m
- Notes: Potential for 10% extra height and FSC (design excellence is achieved)
- Zoning: B3 Commercial Core
- Add Suburban: Class 4
- Building Setback: 5m to College Creek, 5m to King Street
- Street Wall Height: 10m
- In a Heritage Conservation Zone
- Part of the Newcastle Harbour - West End Character Area

Newcastle City Renewal - Controls



Legend

- Height
- Floor Space Ratio
- Land Zoning
- Add Suburban Sites



Site Connections

This site has a variety of large-scale connections to surrounding areas, including the waterfront, the city center, and the surrounding residential areas. The connections are shown in blue arrows on the map.

- 1. Existing path to the waterfront
- 2. Existing path to the city center
- 3. Existing path to the surrounding residential areas



College Creek

The following information outlines the location of the site relative to the surrounding areas, including the waterfront, the city center, and the surrounding residential areas. The connections are shown in orange arrows on the map.

1. Access and Connections
 - Provide a 'gateway' to the site from the waterfront, the city center, and the surrounding residential areas.
 - Create a 'gateway' to the site from the waterfront, the city center, and the surrounding residential areas.
 - Create a 'gateway' to the site from the waterfront, the city center, and the surrounding residential areas.
2. Public Domain Features
 - Provide a 'gateway' to the site from the waterfront, the city center, and the surrounding residential areas.
 - Create a 'gateway' to the site from the waterfront, the city center, and the surrounding residential areas.
 - Create a 'gateway' to the site from the waterfront, the city center, and the surrounding residential areas.
3. Landmarking
 - Provide a 'gateway' to the site from the waterfront, the city center, and the surrounding residential areas.
 - Create a 'gateway' to the site from the waterfront, the city center, and the surrounding residential areas.
 - Create a 'gateway' to the site from the waterfront, the city center, and the surrounding residential areas.
4. Public Transport
 - Provide a 'gateway' to the site from the waterfront, the city center, and the surrounding residential areas.
 - Create a 'gateway' to the site from the waterfront, the city center, and the surrounding residential areas.
 - Create a 'gateway' to the site from the waterfront, the city center, and the surrounding residential areas.

- 1. Existing path to the waterfront
- 2. Existing path to the city center
- 3. Existing path to the surrounding residential areas

1518: DA-003 AA
1518: DA-003 AA
1518: DA-003 AA

Windham Developments



1518: DA-003 AA
1518: DA-003 AA
1518: DA-003 AA

Item	Location	Area	Notes
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2	1518: DA-003 AA	1518: DA-003 AA	1518: DA-003 AA
3	1518: DA-003 AA	1518: DA-003 AA	1518: DA-003 AA
4	1518: DA-003 AA	1518: DA-003 AA	1518: DA-003 AA
5	1518: DA-003 AA	1518: DA-003 AA	1518: DA-003 AA
6	1518: DA-003 AA	1518: DA-003 AA	1518: DA-003 AA
7	1518: DA-003 AA	1518: DA-003 AA	1518: DA-003 AA
8	1518: DA-003 AA	1518: DA-003 AA	1518: DA-003 AA
9	1518: DA-003 AA	1518: DA-003 AA	1518: DA-003 AA
10	1518: DA-003 AA	1518: DA-003 AA	1518: DA-003 AA

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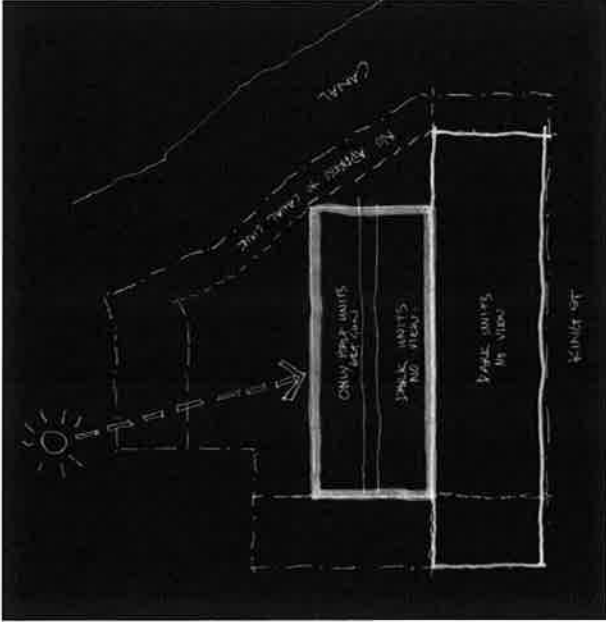
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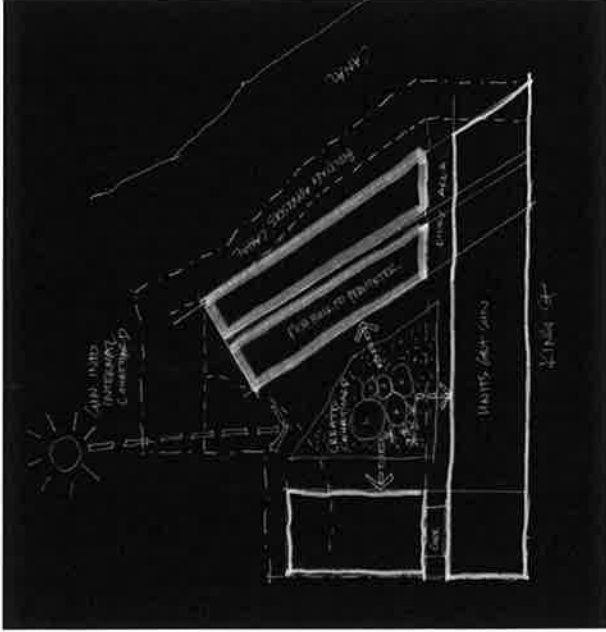
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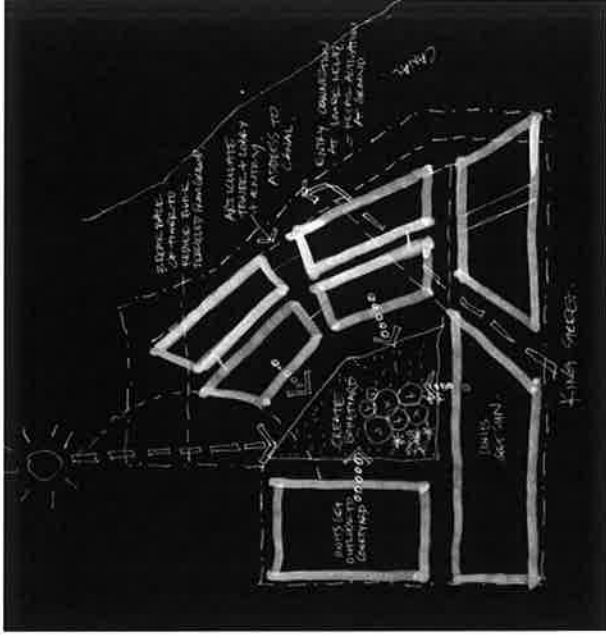
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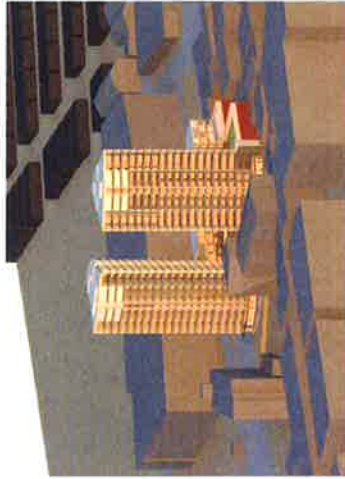
Concept Review:
preliminary feasibility test



Concept review:
rational site strategy



Concept review:
shaping the rational site strategy



8 am



9 am



10 am



11 am



12 pm



1 pm



2 pm



3 pm

Winter Sun Analysis - June 21

Project Name: 1518: DA-006 AA Client: Hill Thalys Architecture Location: 45-47 King Street, Newcastle NSW		General Winter Sun Analysis Winter Solstice June 21		V E R V E RESIDENCES	
Project No: 1518-001 Scale: 1:500 Date: 22/03/18		Project No: 1518-001 Scale: 1:500 Date: 22/03/18		Project No: 1518-001 Scale: 1:500 Date: 22/03/18	
Project Name: 1518: DA-006 AA Client: Hill Thalys Architecture Location: 45-47 King Street, Newcastle NSW		Project Name: 1518: DA-006 AA Client: Hill Thalys Architecture Location: 45-47 King Street, Newcastle NSW		Project Name: 1518: DA-006 AA Client: Hill Thalys Architecture Location: 45-47 King Street, Newcastle NSW	



8 am



9 am



10 am



11 am



12 pm



1 pm



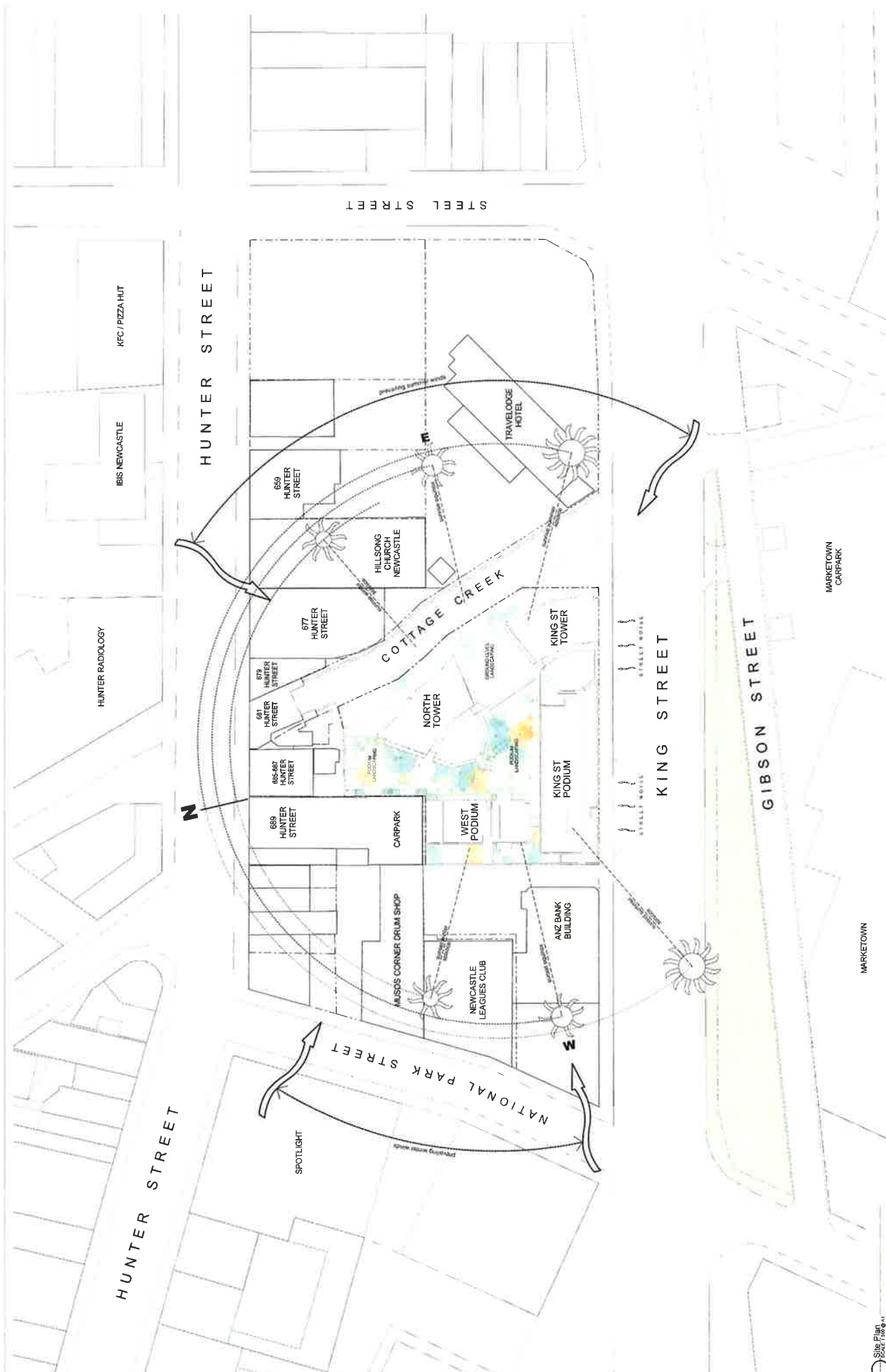
2 pm



3 pm

Winter Shadow Diagrams - June 21

DATE: 15/06/2020 DRAWN BY: [Name] CHECKED BY: [Name] PROJECT: [Name] SHEET: 1 OF 1		64,000 King Street Melbourne VIC 3000		Windham Developments		hill thalis ARCHITECTURE + INTERIOR DESIGN		CKOS ARCHITECTURE		General Winter Shadow Diagrams Winter Solstice June 21		1518: DA-007 AA	
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Site Plan
444/450 King Street
Newcastle
NSW

Item	Description	Area	Volume
1	Site Plan	0.15	0.15
2	Site Plan	0.15	0.15
3	Site Plan	0.15	0.15
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9	Site Plan	0.15	0.15
10	Site Plan	0.15	0.15



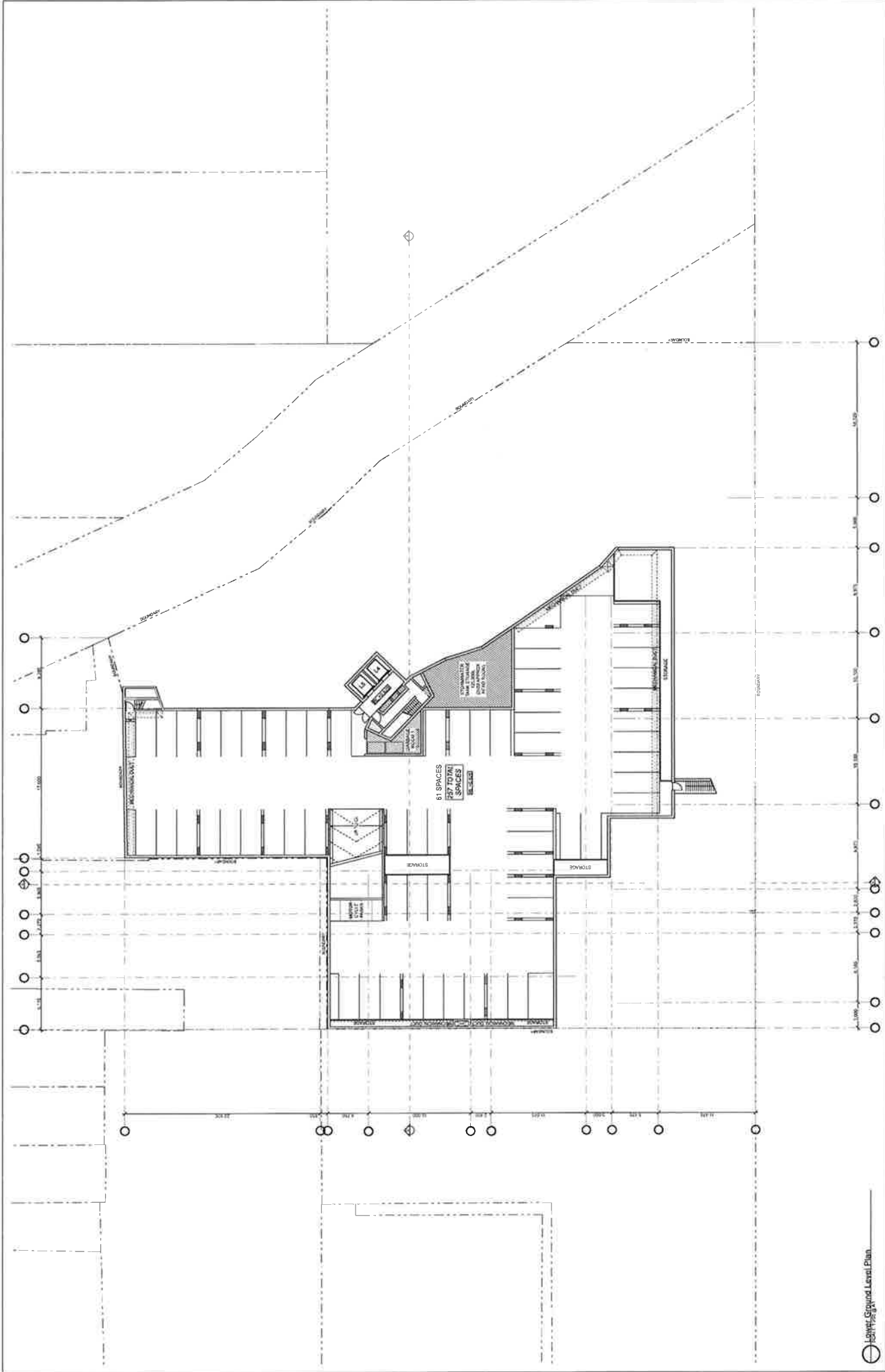
Windham Developments

hill thalis
444/450 KING STREET
NEWCASTLE

CKDS ARCHITECTURE

VERVE
General
Site Plan
RESIDENCES

Item	Description	Area	Volume
1	Site Plan	0.15	0.15
2	Site Plan	0.15	0.15
3	Site Plan	0.15	0.15
4	Site Plan	0.15	0.15
5	Site Plan	0.15	0.15
6	Site Plan	0.15	0.15
7	Site Plan	0.15	0.15
8	Site Plan	0.15	0.15
9	Site Plan	0.15	0.15
10	Site Plan	0.15	0.15



Lower Ground Level Plan

Project: 1518: DA-101 AA

Client: Hill Thalys Architecture

Architect: Hill Thalys Architecture

Scale: 1:100

Date: 22.03.18

Overall Plans

Lower Ground Level Plan

V E R V E

R E S I D E N C E S

Rev	Description	Date
1	Issue for Approval	22.03.18
2	Issue for Construction	22.03.18

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Building
14912236
Accommodation
1518: DA-106 AA

Overall Plans
Podium Level 4 Plan

VERVE

RESIDENCES

hill thalis

ARCHITECTURE

Windham Developments

484-470 King Street
Sydney
NSW

Podium Level 4 Plan

Scale 1:100

Project Name

14912236

Project Number

1518: DA-106 AA

Project Address

484-470 King Street, Sydney, NSW

Project Date

2023/10/10

Project Status

Approved

Project Manager

DA-106 AA

Project Engineer

DA-106 AA

Project Designer

DA-106 AA

Project Checker

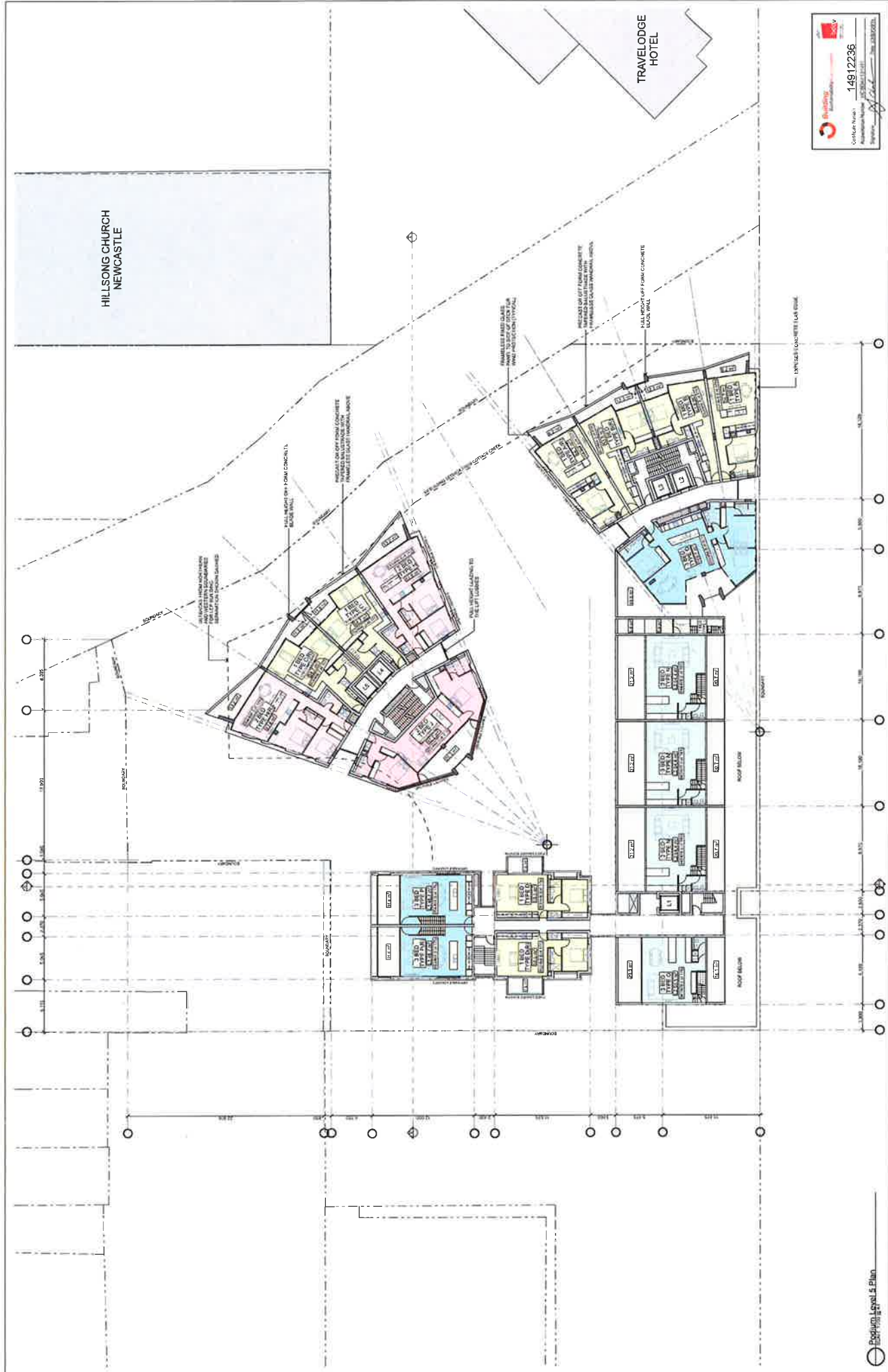
DA-106 AA

Project Approver

DA-106 AA

Project Sign-off

DA-106 AA



Architect
Hill Thalys Architecture
14912236
1516: DA-107 AA

Project Name	1516: DA-107 AA
Project Number	14912236
Project Address	1516: DA-107 AA
Project Date	1516: DA-107 AA

VERVE RESIDENCES

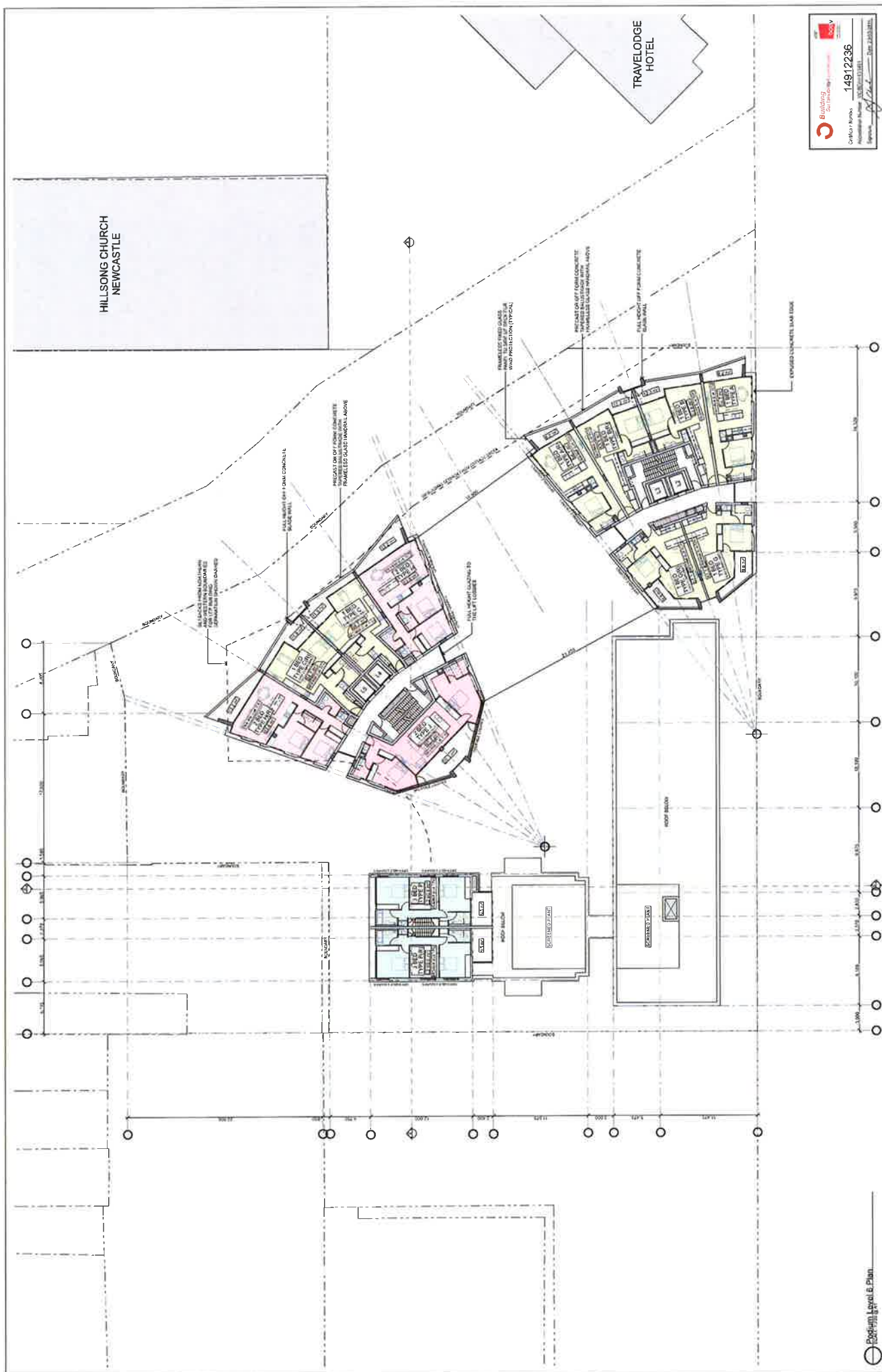
hill thalys
ARCHITECTURE
ARCHITECTURE + URBAN DESIGN + IDP

Windham Developments



404-471 King Street
Newcastle
NSW

Project Name	1516: DA-107 AA
Project Number	14912236
Project Address	1516: DA-107 AA
Project Date	1516: DA-107 AA



Building
14912236
Certificate Number
14912236
1518: DA-108 AA

Project Name	14912236	Project No.	1518: DA-108 AA
Project Address	14912236	Project Date	1518: DA-108 AA
Project Owner	14912236	Project Status	1518: DA-108 AA
Project Location	14912236	Project Type	1518: DA-108 AA

Overall Plans Podium Level 6 Plan

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ARCHITECTURE - URBAN PROJECTS

Windham Developments



484-45 King Street
NEWCASTLE
NSW

Sheet No.	1518: DA-108 AA
Sheet Title	Podium Level 6 Plan
Sheet Date	1518: DA-108 AA
Sheet Author	1518: DA-108 AA
Sheet Checker	1518: DA-108 AA
Sheet Approver	1518: DA-108 AA



Redding
 14912236
 14/03/2018
 15/03/2018

Project Name	1518: DA-112 AA
Project Number	1518: DA-112 AA
Project Date	15/03/2018
Project Location	1518: DA-112 AA

Overall Plans Tower Levels 17-19 Plan

V E R V E RESIDENCES



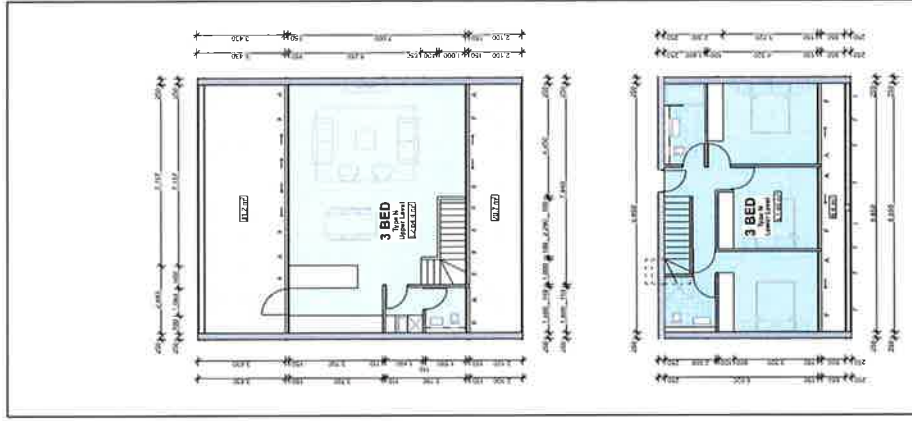
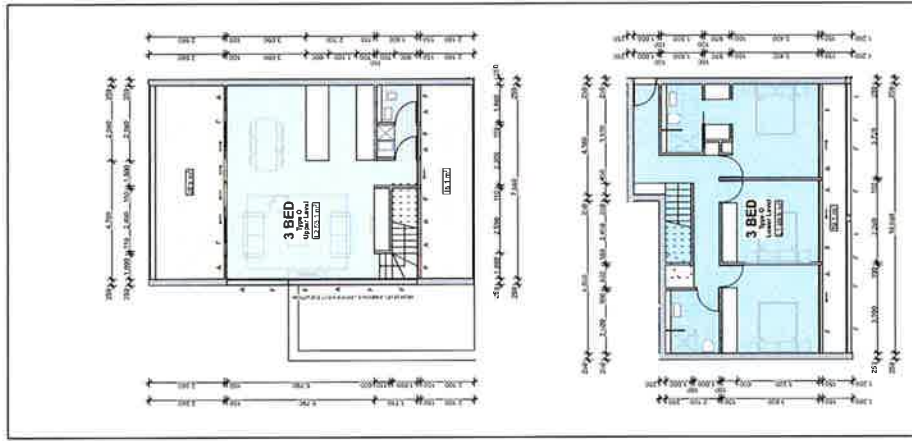
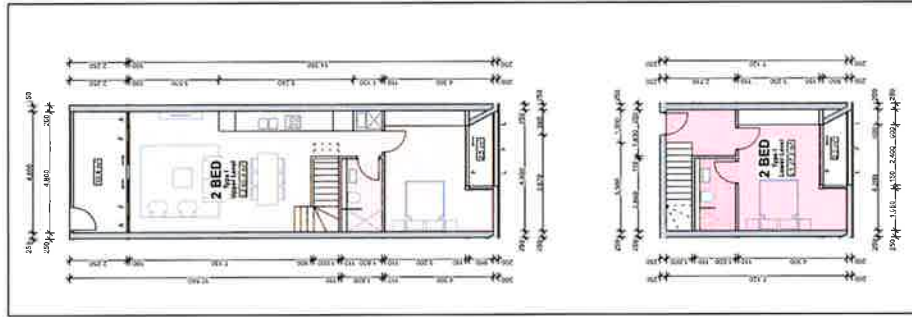
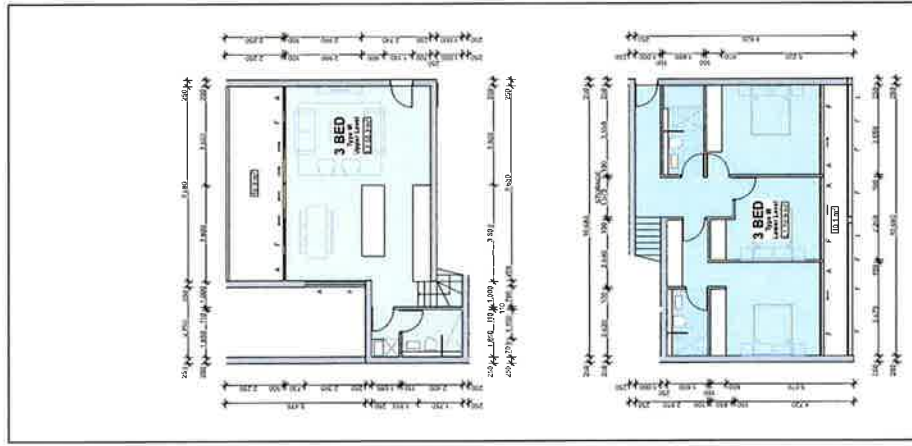
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Windham Developments



Project Name	1518: DA-112 AA
Project Number	1518: DA-112 AA
Project Date	15/03/2018
Project Location	1518: DA-112 AA

1518: DA-112 AA
 15/03/2018
 15/03/2018



These drawings are prepared for the purpose of obtaining a Development Application and are not to be used for any other purpose without the written consent of the Architect. The Architect is not responsible for the accuracy of the information provided in these drawings and does not warrant the accuracy of the information provided in these drawings.

Architect: 40-44 King Street
Newcastle
NSW



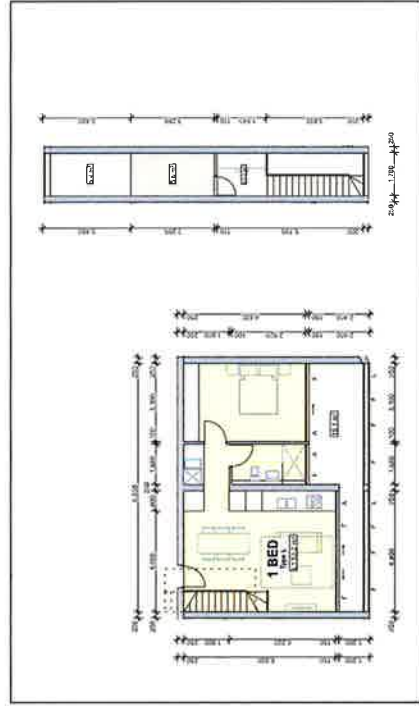
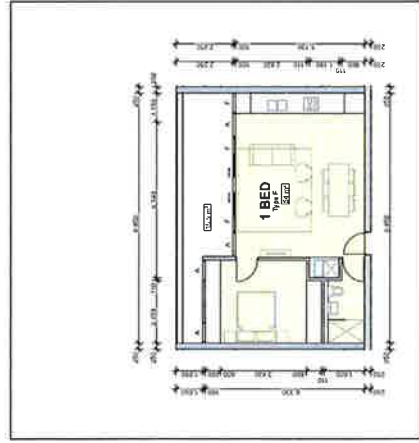
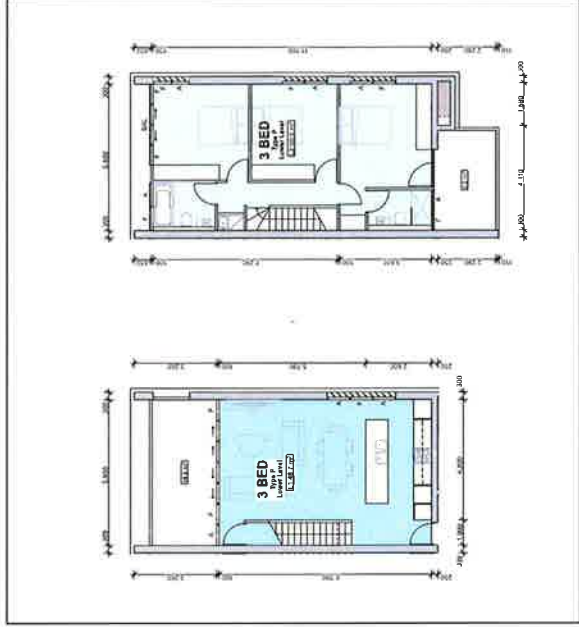
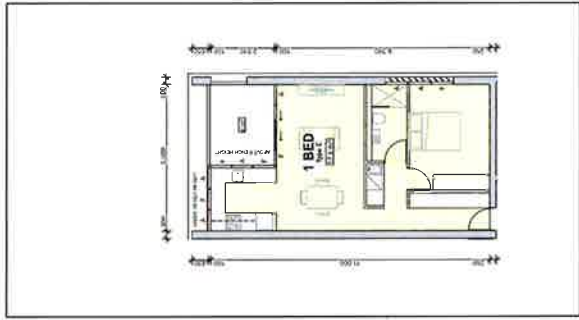
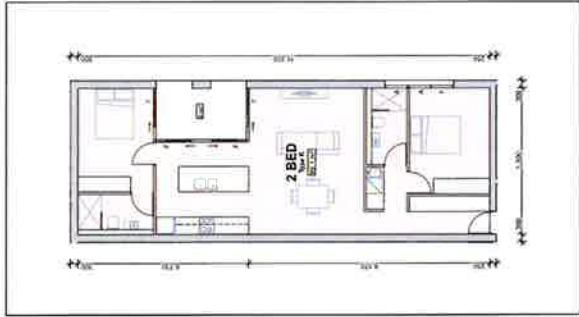
Wintham Developments

hill thalis ARCHITECTURE
ARCHITECTS & URBAN PLANNERS PTY LTD

V E R V E
RESIDENCES

Unit Plans
Podium Unit Plans

Project Name	SSSD - SC	Sheet	1518: DA-201	AA
Project No	1518: DA-201	Project	1518: DA-201	AA
Project Date	1518: DA-201	Project	1518: DA-201	AA



Architect: Hill Thalys Architects
 Project: 1518: DA-202 AA
 Date: 2023-05-01
 Scale: 1:100
 Sheet: 1 of 1

684-470 King Street
 Newcastle
 NSW



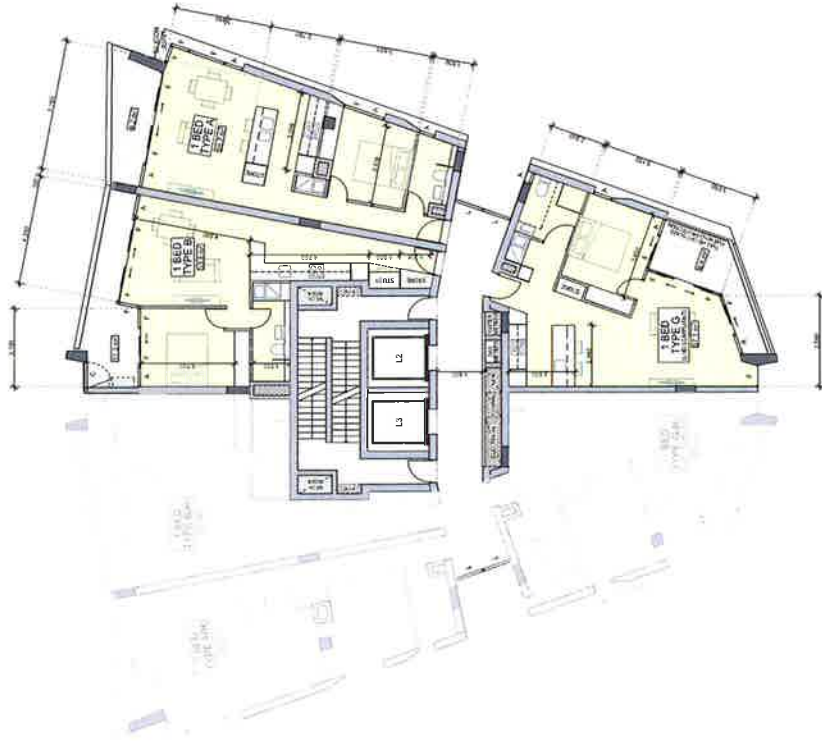
Wincham Developments

hill thalys
 ARCHITECTS & DESIGNERS

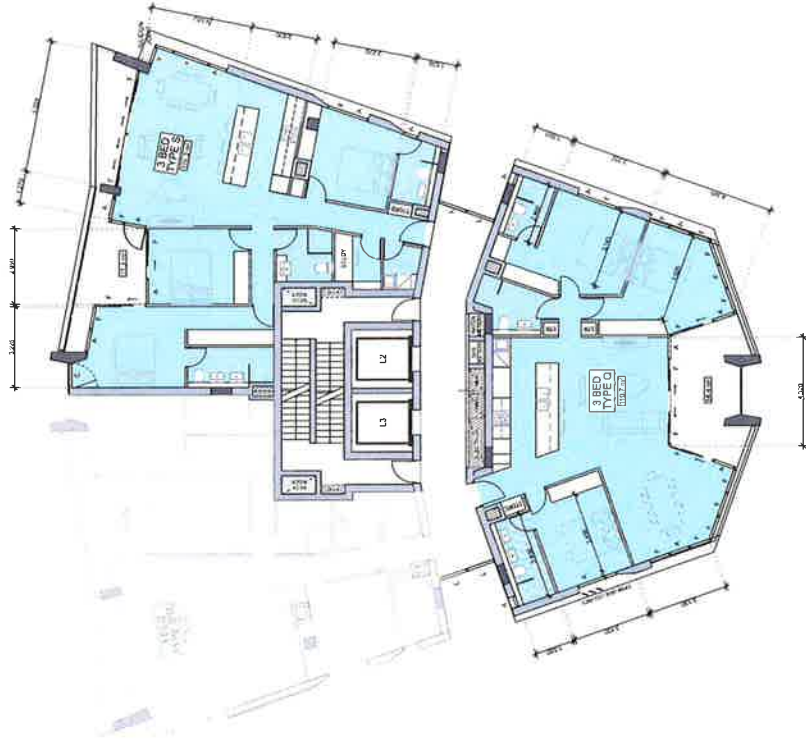
CKOS ARCHITECTURE

Unit Plans
 Podium Unit Plans

1518: DA-202 AA



South Tower Levels 1.2



South Tower Levels 3-10

DA-203 AA
1518
45-40 King Street
Sydney NSW



Windham Developments

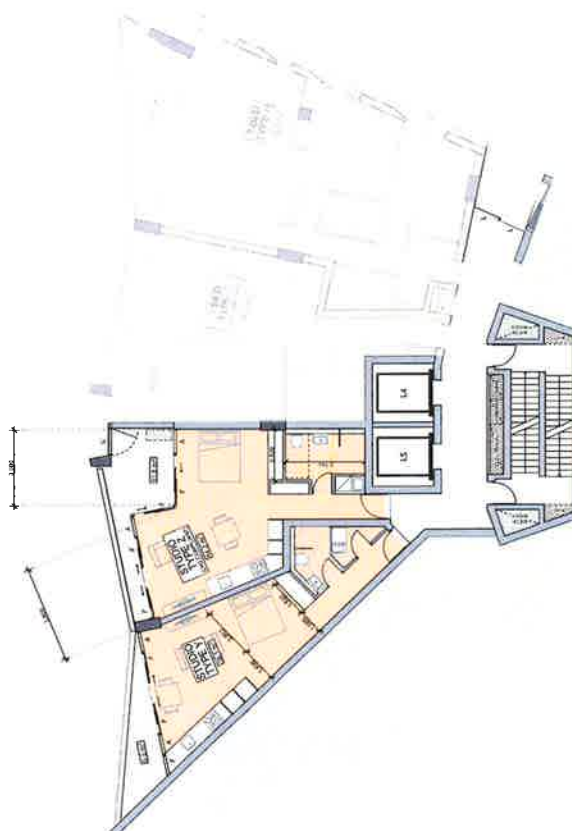
hill thalis
ARCHITECTURE
ARCHITECTURE + INTERIOR DESIGN

CKDS ARCHITECTURE

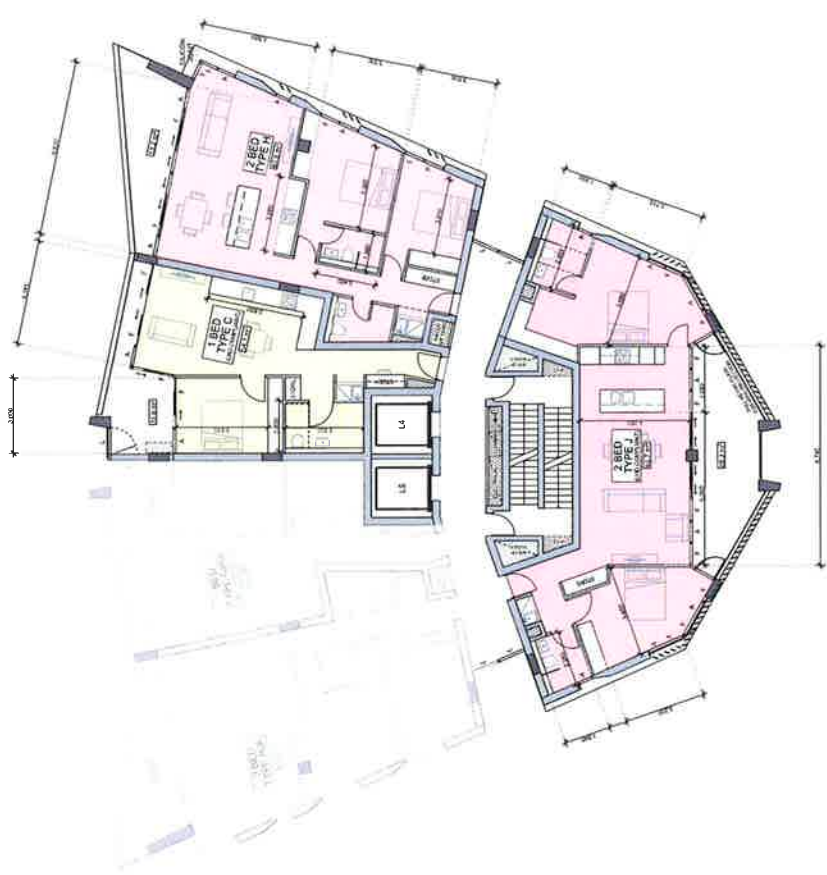
V E R V E
RESIDENCES

Unit Plans
King Street Tower Unit
Plans

DA-203 AA
1518
45-40 King Street
Sydney NSW



North Tower Levels 1-2



North Tower Levels 3-10

Architect: CKDS ARCHITECTURE
 Project: 1518: DA-204 AA
 Date: 22/12/14
 Scale: 1:1000
 Sheet: 1 of 1

Room	Area	Volume	Notes
1.1	1.1	1.1	1.1
1.2	1.2	1.2	1.2
1.3	1.3	1.3	1.3
1.4	1.4	1.4	1.4
1.5	1.5	1.5	1.5
1.6	1.6	1.6	1.6
1.7	1.7	1.7	1.7
1.8	1.8	1.8	1.8
1.9	1.9	1.9	1.9
1.10	1.10	1.10	1.10

45-47 King Street
 Sydney
 NSW

Windham Developments

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 ARCHITECTURE & URBAN PROJECTS PTY LTD

CKDS ARCHITECTURE

V E R V E
 RESIDENTS

Unit Plans
 North Tower Lower Unit
 Plans

1518: DA-204 AA



North Tower Levels 12-19

North Tower Levels 13-19

V E R V E

RESIDENCES

Unit Plans
North Tower Upper Unit
Plans

1518 DA-205 AA

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ARCHITECTURE + URBAN PROJECTS PTY LTD

Windham Developments

464-470 King Street
Sydney
NSW

Item	Description	Quantity	Unit	Value
1	Architectural Services	1	Unit	10,000.00
2	Engineering Services	1	Unit	5,000.00
3	Construction Management	1	Unit	15,000.00
4	Surveying Services	1	Unit	2,000.00
5	Quantity Surveying	1	Unit	3,000.00
6	Interior Design	1	Unit	1,000.00
7	Project Management	1	Unit	8,000.00
8	Legal Services	1	Unit	4,000.00
9	Marketing Services	1	Unit	6,000.00
10	Other Professional Fees	1	Unit	2,000.00
Total				76,000.00



South Elevation (King Street)

Building
14912236

1518: DA-301 AA

hills thalis

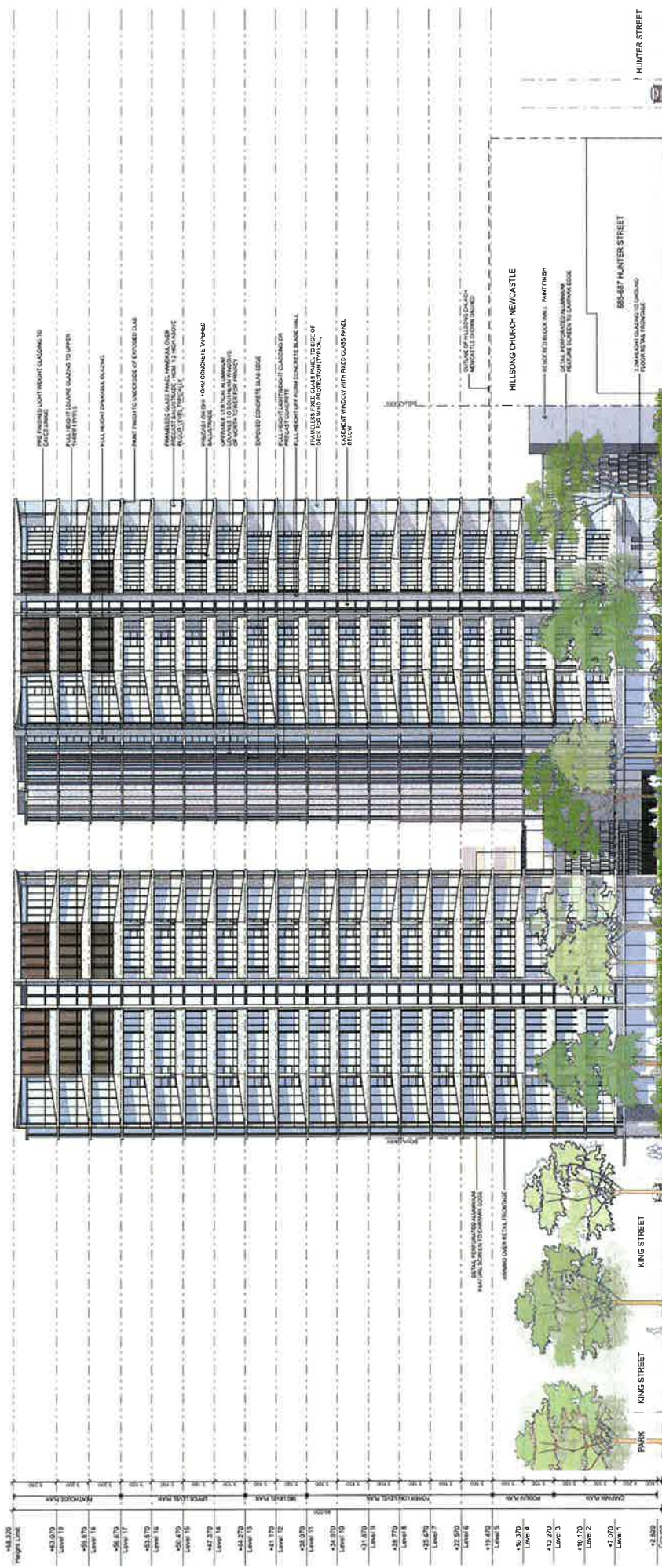
ARCHITECTURE

VERVE

RESIDENCES

Windham Developments

64-67 King Street
Newcastle
NSW



East Elevation (Cottage Creek)

Building
14912236
As Shown
1518: DA-302 AA
1518: DA-302 AA
1518: DA-302 AA

hill thalis
ARCHITECTURE + URBAN PROJECTS PTY LTD

CKDS ARCHITECTURE

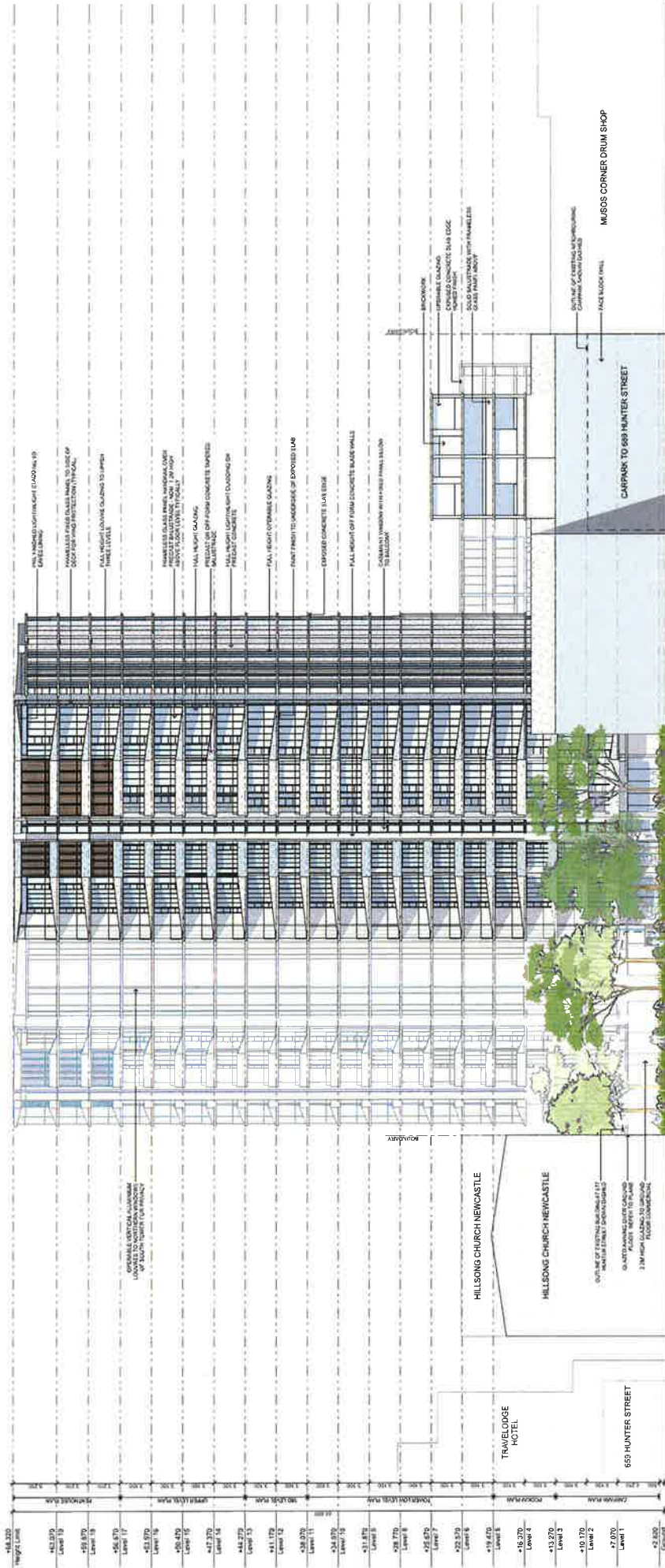
V E R V E
RESIDENTS

Elevations
East Elevation (Cottage Creek)

Windham Developments

46-47 King Street
NSW

1518: DA-302 AA
1518: DA-302 AA
1518: DA-302 AA



Certificate Number: 14912236
 Accreditation Number: 2020/01/11/2021
 Signature: [Signature]
 Date: 2020/01/11/2021

Project Name	VERVE
Project Address	650 HUNTER STREET, NEWCASTLE
Project Type	RESIDENCES
Project Stage	DA-303
Project Date	AA

Elevations North Elevation

V E R V E RESIDENCES

hill thalis
 ARCHITECTS + DESIGN PROJECTS PTY LTD

Windham Developments



650 Hunter Street
Newcastle
NSW

Level	Height	Area	Volume
Level 1	2.000	1.000	2.000
Level 2	2.000	1.000	2.000
Level 3	2.000	1.000	2.000
Level 4	2.000	1.000	2.000
Level 5	2.000	1.000	2.000
Level 6	2.000	1.000	2.000
Level 7	2.000	1.000	2.000
Level 8	2.000	1.000	2.000
Level 9	2.000	1.000	2.000
Level 10	2.000	1.000	2.000
Level 11	2.000	1.000	2.000
Level 12	2.000	1.000	2.000
Level 13	2.000	1.000	2.000
Level 14	2.000	1.000	2.000
Level 15	2.000	1.000	2.000
Level 16	2.000	1.000	2.000
Level 17	2.000	1.000	2.000
Level 18	2.000	1.000	2.000
Level 19	2.000	1.000	2.000
Level 20	2.000	1.000	2.000
Level 21	2.000	1.000	2.000
Level 22	2.000	1.000	2.000
Level 23	2.000	1.000	2.000
Level 24	2.000	1.000	2.000
Level 25	2.000	1.000	2.000
Level 26	2.000	1.000	2.000
Level 27	2.000	1.000	2.000
Level 28	2.000	1.000	2.000
Level 29	2.000	1.000	2.000
Level 30	2.000	1.000	2.000
Level 31	2.000	1.000	2.000
Level 32	2.000	1.000	2.000
Level 33	2.000	1.000	2.000
Level 34	2.000	1.000	2.000
Level 35	2.000	1.000	2.000
Level 36	2.000	1.000	2.000
Level 37	2.000	1.000	2.000
Level 38	2.000	1.000	2.000
Level 39	2.000	1.000	2.000
Level 40	2.000	1.000	2.000
Level 41	2.000	1.000	2.000
Level 42	2.000	1.000	2.000
Level 43	2.000	1.000	2.000
Level 44	2.000	1.000	2.000
Level 45	2.000	1.000	2.000
Level 46	2.000	1.000	2.000
Level 47	2.000	1.000	2.000
Level 48	2.000	1.000	2.000
Level 49	2.000	1.000	2.000
Level 50	2.000	1.000	2.000
Level 51	2.000	1.000	2.000
Level 52	2.000	1.000	2.000
Level 53	2.000	1.000	2.000
Level 54	2.000	1.000	2.000
Level 55	2.000	1.000	2.000
Level 56	2.000	1.000	2.000
Level 57	2.000	1.000	2.000
Level 58	2.000	1.000	2.000
Level 59	2.000	1.000	2.000
Level 60	2.000	1.000	2.000
Level 61	2.000	1.000	2.000
Level 62	2.000	1.000	2.000
Level 63	2.000	1.000	2.000
Level 64	2.000	1.000	2.000
Level 65	2.000	1.000	2.000
Level 66	2.000	1.000	2.000
Level 67	2.000	1.000	2.000
Level 68	2.000	1.000	2.000
Level 69	2.000	1.000	2.000
Level 70	2.000	1.000	2.000
Level 71	2.000	1.000	2.000
Level 72	2.000	1.000	2.000
Level 73	2.000	1.000	2.000
Level 74	2.000	1.000	2.000
Level 75	2.000	1.000	2.000
Level 76	2.000	1.000	2.000
Level 77	2.000	1.000	2.000
Level 78	2.000	1.000	2.000
Level 79	2.000	1.000	2.000
Level 80	2.000	1.000	2.000
Level 81	2.000	1.000	2.000
Level 82	2.000	1.000	2.000
Level 83	2.000	1.000	2.000
Level 84	2.000	1.000	2.000
Level 85	2.000	1.000	2.000
Level 86	2.000	1.000	2.000
Level 87	2.000	1.000	2.000
Level 88	2.000	1.000	2.000
Level 89	2.000	1.000	2.000
Level 90	2.000	1.000	2.000
Level 91	2.000	1.000	2.000
Level 92	2.000	1.000	2.000
Level 93	2.000	1.000	2.000
Level 94	2.000	1.000	2.000
Level 95	2.000	1.000	2.000
Level 96	2.000	1.000	2.000
Level 97	2.000	1.000	2.000
Level 98	2.000	1.000	2.000
Level 99	2.000	1.000	2.000
Level 100	2.000	1.000	2.000

650 Hunter Street
 Newcastle
 NSW



West Elevation (Podium)

B Building
 14912236
 Certificate Number
 Architect Number
 Signature
 Date 23/03/2018

hill thalis ARCHITECTURE + URBAN PROJECTS PTY LTD	Elevations West Elevation (Podium)	V E R V E RESIDENCES	1518: DA-304 AA	404/470 King Street NEWCASTLE NSW	Windham Developments	404/470 King Street NEWCASTLE NSW	404/470 King Street NEWCASTLE NSW
				404/470 King Street NEWCASTLE NSW	404/470 King Street NEWCASTLE NSW	404/470 King Street NEWCASTLE NSW	



Section B
Scale: 1:100

hillingbury
Architects

Client: **14912236**
Architect: **14912236**
Date: **20/01/2021**

Project No.	14912236
Client Name	14912236
Project Name	14912236
Project Address	14912236
Project Date	14912236
Project Status	14912236
Project Type	14912236
Project Location	14912236
Project Description	14912236
Project Notes	14912236
Project Contact	14912236
Project Email	14912236
Project Phone	14912236
Project Website	14912236
Project Social Media	14912236
Project Other	14912236

V E R V E RESIDENCES

hill thalis
ARCHITECTURE + URBAN PROJECTS PTY LTD

CRDS ARCHITECTURE

Windham Developments



40-470 King Street
Newcastle
NSW

NO.	REVISION	DATE	BY	CHKD
1	ISSUED FOR PERMIT	20/01/2021	14912236	14912236
2	ISSUED FOR PERMIT	20/01/2021	14912236	14912236
3	ISSUED FOR PERMIT	20/01/2021	14912236	14912236
4	ISSUED FOR PERMIT	20/01/2021	14912236	14912236
5	ISSUED FOR PERMIT	20/01/2021	14912236	14912236
6	ISSUED FOR PERMIT	20/01/2021	14912236	14912236
7	ISSUED FOR PERMIT	20/01/2021	14912236	14912236
8	ISSUED FOR PERMIT	20/01/2021	14912236	14912236
9	ISSUED FOR PERMIT	20/01/2021	14912236	14912236
10	ISSUED FOR PERMIT	20/01/2021	14912236	14912236

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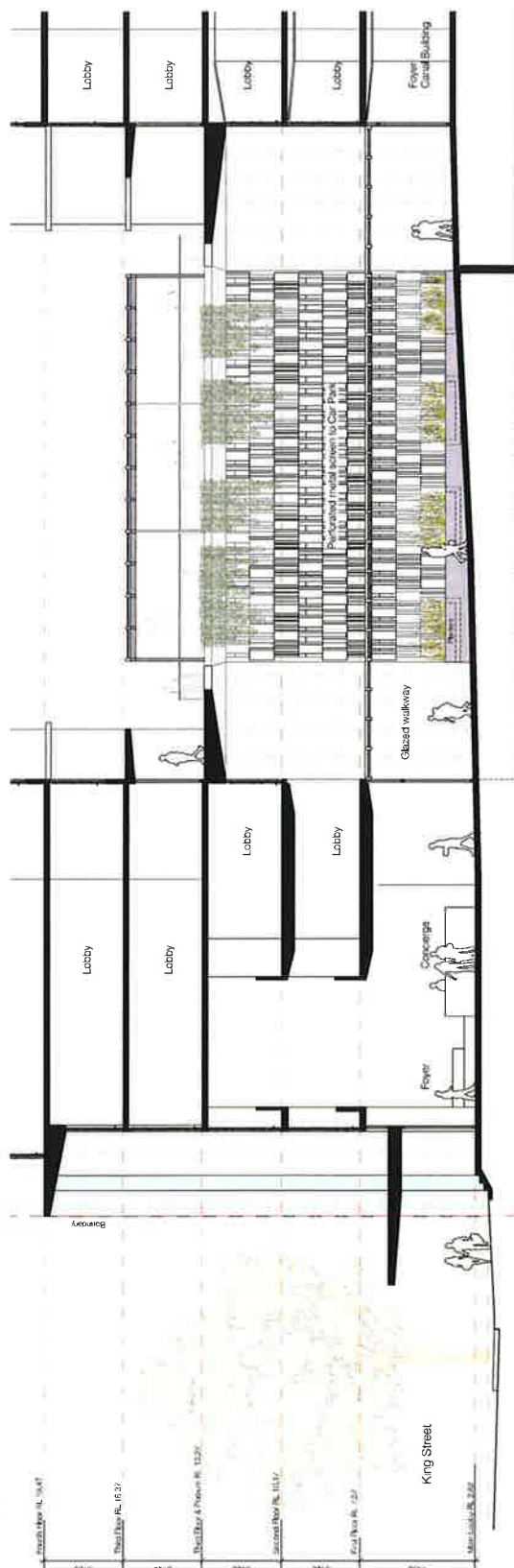
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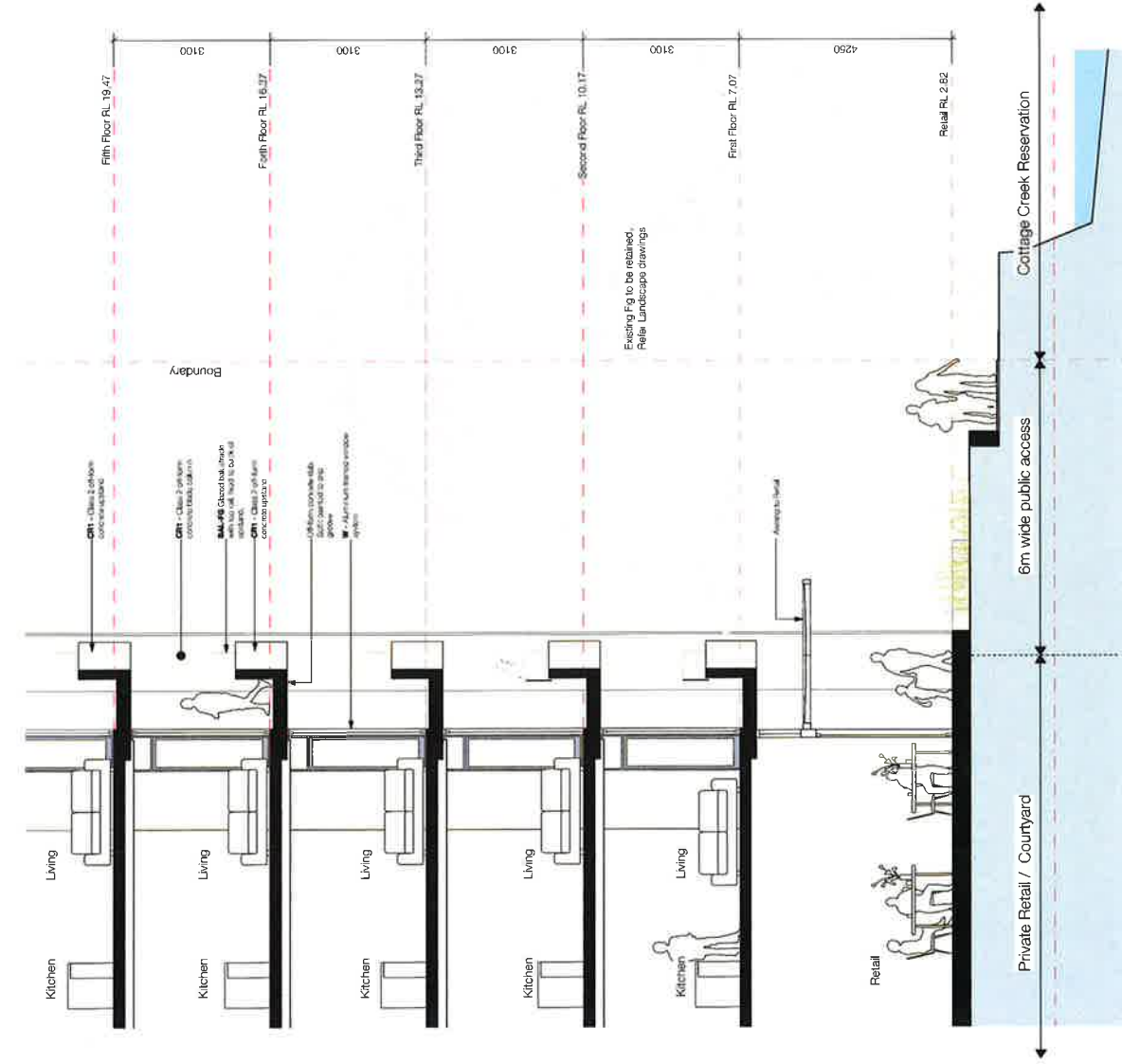
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2 Section Through Courtyard & Walkway
1:100 @ A1



④ Long Section Through Main Entry
2,100 @ A1



1 Section Through Towers on Cottage Creek
1:50 @ A1



2 Section Through King Street Elevation
1:50 @ A1

DA-502 AA
1518: DA-502 AA
1518: DA-502 AA

DA-502 AA
1518: DA-502 AA
1518: DA-502 AA

DA-502 AA
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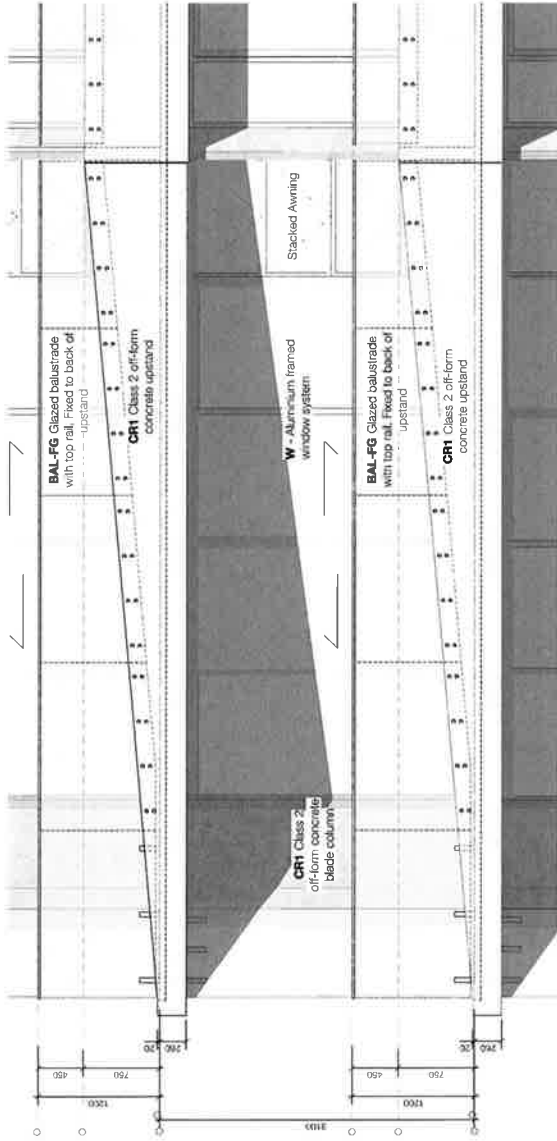
DA-502 AA
1518: DA-502 AA
1518: DA-502 AA

DA-502 AA
1518: DA-502 AA
1518: DA-502 AA

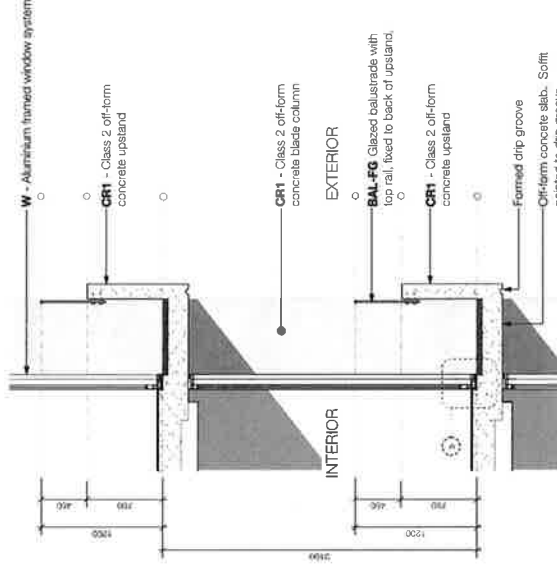
DA-502 AA
1518: DA-502 AA
1518: DA-502 AA

DA-502 AA
1518: DA-502 AA
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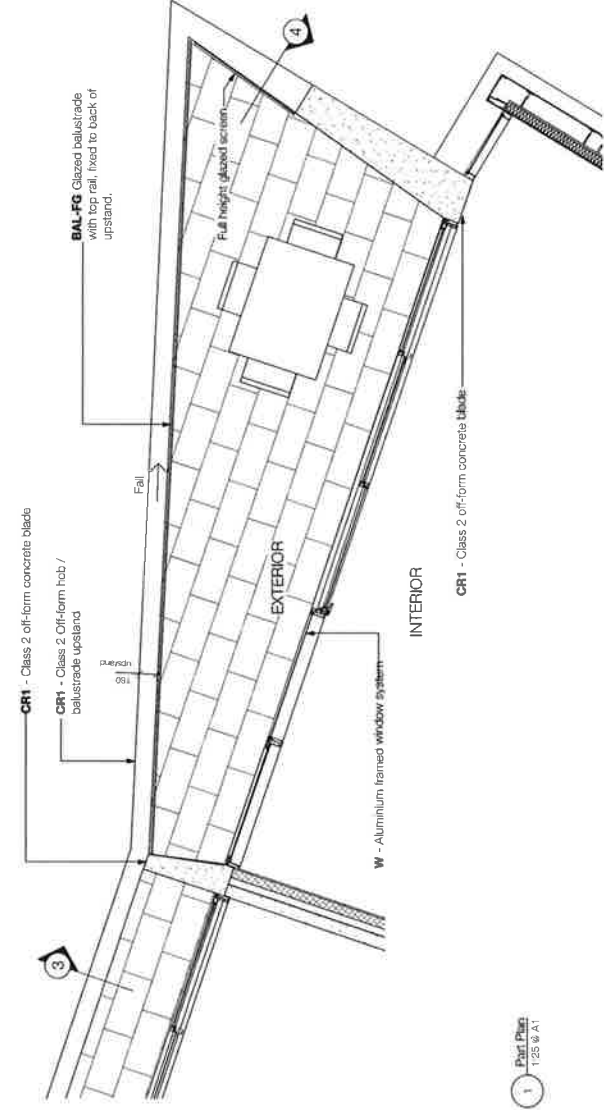
DA-502 AA
1518: DA-502 AA
1518: DA-502 AA



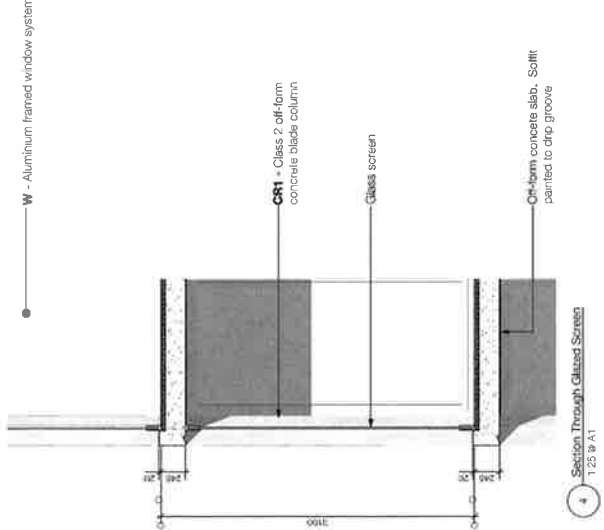
2 Part Elevation
1:25 @ A1



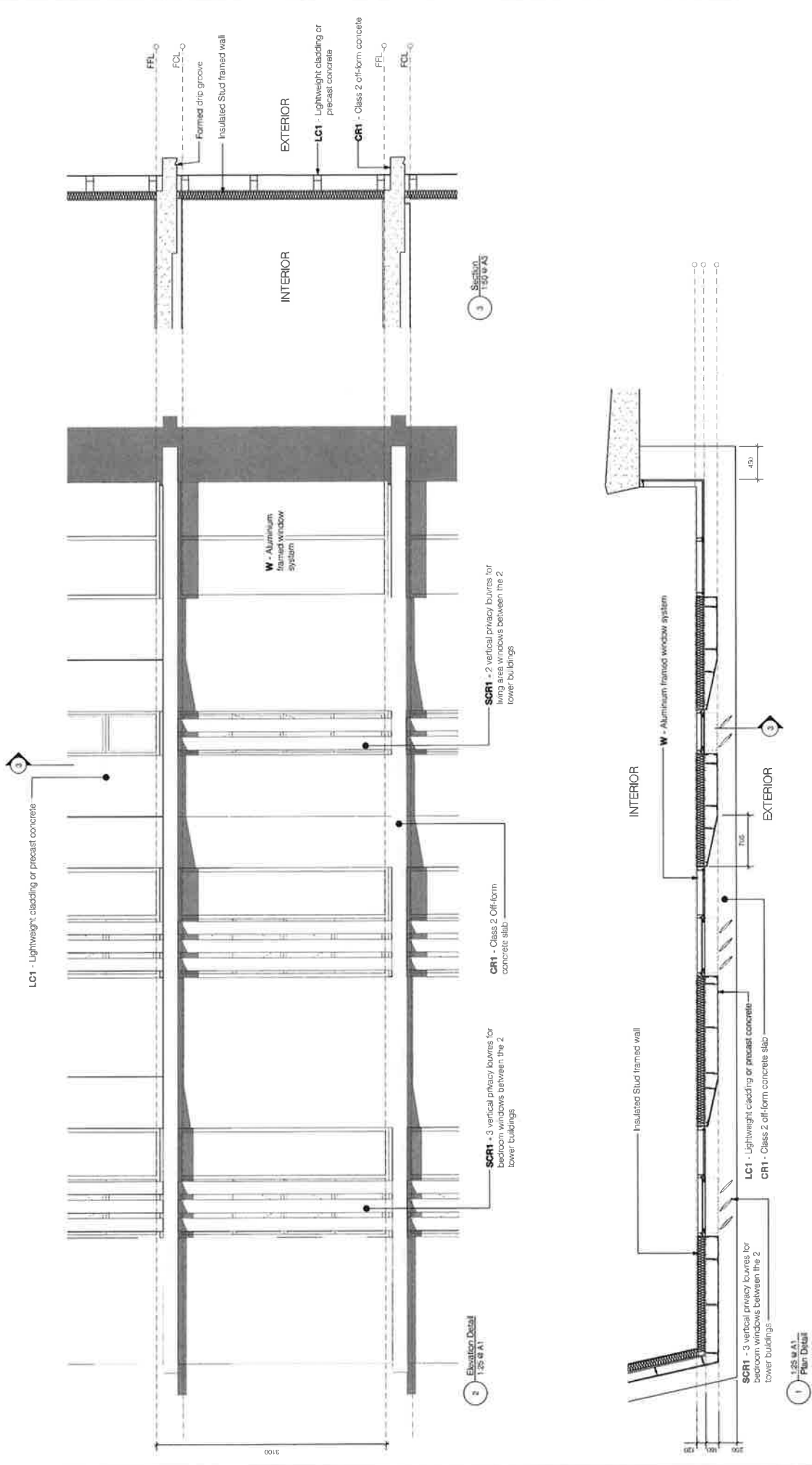
3 Section Through Balustrade
1:25 @ A1



1 Part Plan
1:25 @ A1



4 Section Through Glazed Screen
1:25 @ A1



VERVE

RESIDENCES

Details
North/South Facade
Details

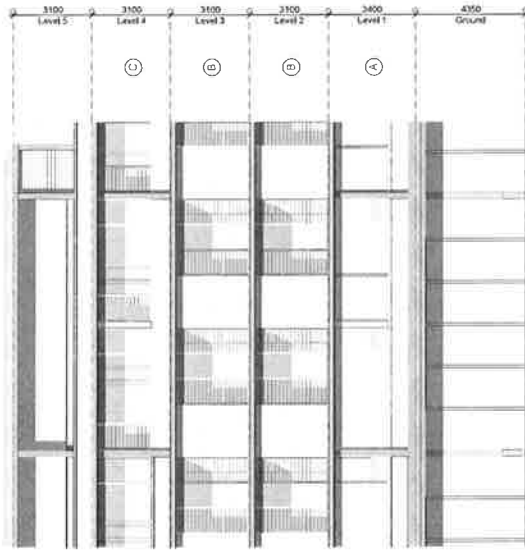
hill thalis

ARCHITECTURE + INTERIOR DESIGN

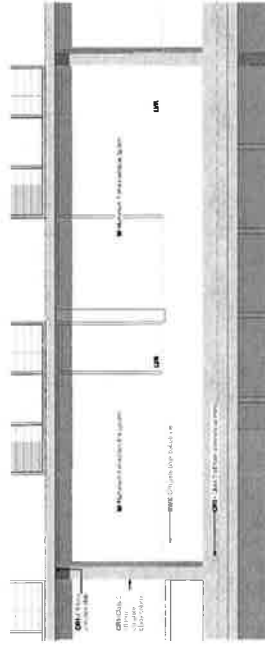
Windham Developments

604/70 King Street
Newcastle
NSW

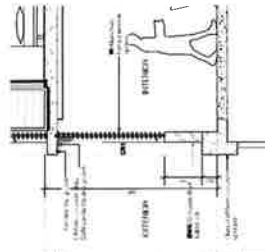
DA-504 AA



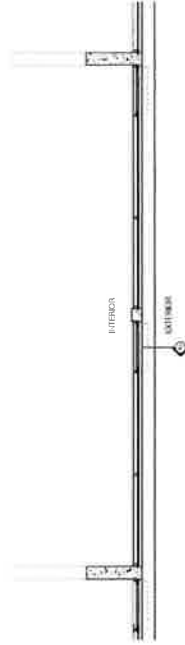
1 Part Elevation of King St Podium Facade
1:100/BA1



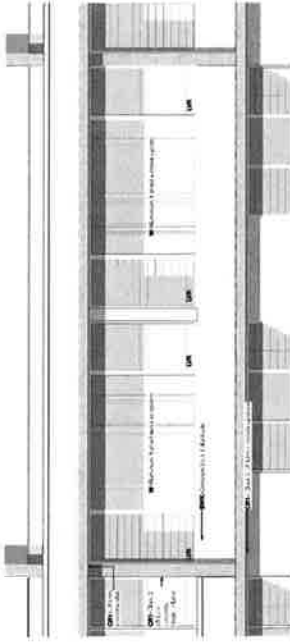
A1 Part Elevation of King St Podium Facade
Level 1 Commercial



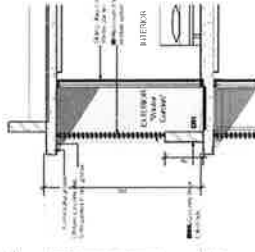
A2 Part Section of King St Podium Facade
Level 1 Commercial



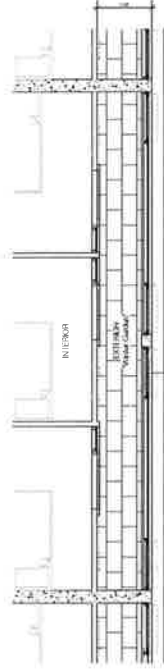
A3 Part Plan of King St Podium Facade
Level 1 Commercial



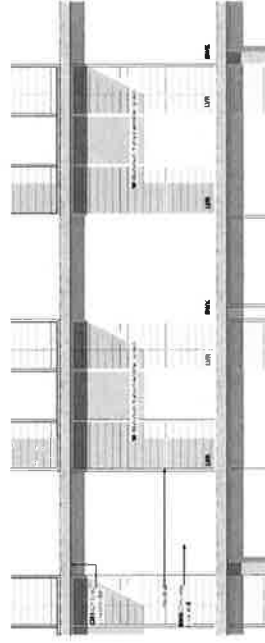
C1 Part Elevation of King St Podium Facade
Level 4 Residential



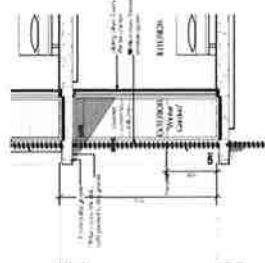
C3 Part Section of King St Podium Facade
Level 4 Residential



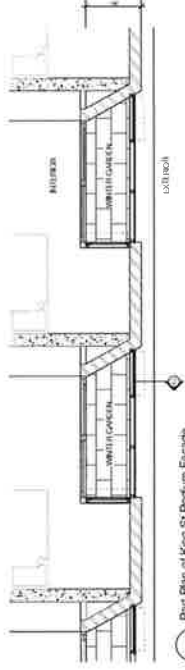
C2 Part Plan of King St Podium Facade
Level 4 Residential



B1 Part Elevation of King St Podium Facade
Level 2 + 3 Residential



B3 Part Section of King St Podium Facade
Level 2 + 3 Residential



B2 Part Plan of King St Podium Facade
Level 2 + 3 Residential

404/10 King Street
Sydney
NSW



Windham Developments

hill thalis
ARCHITECTURE
ANGIE CLIFFORD ARCHITECTS PTY LTD

V E R V E
RESIDENCES

Details
King Street Podium
Details

1518: DA-506 AA
2013 N
2013 N



LC1 - Lightweight cladding or precast concrete white (example)



CR1 - Class 2 off-form concrete



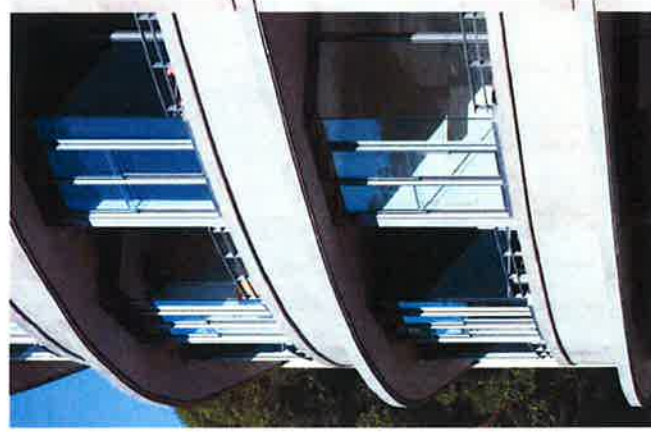
BWK - light coloured brickwork



BWK - light coloured brickwork finish



Example of **LC1** in-fill between **CR1** off form concrete slab



W - Aluminium framed windows - light grey finish
CR1 - Off form concrete slab edge and upstand (example)



W - Aluminium framed windows - light grey finish (example)



3CR1 - Elliptical privacy screens - finish colour to match **FC1** cladding (example)



BAL-FG - Frameless glass balustrade fixed to back of upland (filing example)



BAL-FG - Frameless glass balustrade fixed to back of upland (loftal example)

1518 - VERVE RESIDENCES

Unit Breakdown - Issue date 23.03.2016

Residential						
	No. Studios	No. 1 Beds	No. 2 Beds	No. 3 Beds	No. 5 Beds	

GFA Calculations	
Site Area m2	4585
Permissible GFA (5:1)	22925
Total Unit GFA m2	15492
Total Retail GFA m2	599
Total Commercial GFA m2	451
Total Residential Podium Common/Circulation/Foyers GFA m2	48
Total Residential Tower Common/Circulation/Foyers GFA m2	1240
Total Commercial Circulation GFA m2	24
Additional GFA from extra carspaces (see Carpark Calculations Table below)	450
Total GFA	18304
Resultant FSR	4.0
Total Net Sellable Unit Area (Unit External and Internal Areas)	18602.9

Unit Mix Calculations						
Sub total unit numbers achieved	4	109	40	41	3	
Percentage mix achieved	2.03%	54.77%	20.30%	20.60%	1.52%	
Total number of units						197

SEPP 65 Calculations	
Total units with cross ventilation	195
% units with cross ventilation	99%
Total units with 2hr sun mid winter	196
% units with 2hr sun mid winter	99%
Total LHD compliant units	45
% LHD compliant units	23%

Carpark Calculations	
Unit Carspaces required by NCC (0.6 per 1B, 0.9 per 2B, 1.4 per 3B)	165
Visitors Carspaces required by NCC (0.2 per unit)	39.4
Retail/Commercial Carspaces required by NCC (1 per 60m2)	17.5
Total Carspaces required	222
Total Carspaces provided	257
Additional GFA from extra carspaces	450

Unit Types			
Type	Beds	Total	LHD compliant
A	1	32	
B	1	32	
C	1	22	Yes
D	1	6	
E	1	2	
F	1	4	
G	1	10	Yes
H	2	22	
I	2	8	
J	2	8	Yes
K	2	2	
L	1	1	
M	3	2	
N	3	3	
O	3	1	
P	3	2	
Q	3	10	
R	3	8	
S	3	6	
T	3	9	
V	5	3	Yes
Y	Studio	2	
Z	Studio	2	Yes

1518 - VERVE RESIDENCES

Unit Breakdown - Issue date 23.03.2016

Non Residential			GFA m2
Level	Use		
GL	Retail		599
L01	Commercial		451

Residential																	
Level	Location	Unit	Lot	Unit Type	Unit Storeys	Cross ventilation	SEPP 85 sunlight	LHD compliant	No. Studios	No. 1 Beds	No. 2 Beds	No. 3 Beds	No. 5 Beds	Internal m2	External m2	Net sellable unit area	GFA/floor m2
L01	N Tower	014/466	091	Y	1-storey	0	1		1					39.1	6.5	45.6	442.8
	N Tower	013/466	092	Z	1-storey	1	1	1	1					44.2	11.8	56	
	N Tower	012/466	093	C	1-storey	1	1	1		1				54.7	11.8	66.5	
	N Tower	011/466	094	H	1-storey	1	1				1			83.8	13.2	97	
	S Tower	014/464	001	A(R)	1-storey	1	1			1				56.7	8.2	64.9	
	S Tower	013/464	002	B(R)	1-storey	1	1			1				53.8	12.3	66.1	
	S Tower	012/464	003	B	1-storey	1	1			1				53.8	12.3	66.1	
	S Tower	011/464	004	A	1-storey	1	1			1				56.7	8.2	64.9	
L02	N Tower	024/466	095	Y	1-storey	0	1		1					39.1	6.5	45.6	1311.8
	N Tower	023/466	096	Z	1-storey	1	1	1	1					44.2	11.8	56	
	N Tower	022/466	097	C	1-storey	1	1	1		1				54.7	11.8	66.5	
	N Tower	021/466	098	H	1-storey	1	1				1			83.8	13.2	97	
	S Tower	024/464	005	A(R)	1-storey	1	1			1				56.7	8.2	64.9	
	S Tower	023/464	006	B(R)	1-storey	1	1			1				53.8	12.3	66.1	
	S Tower	022/464	007	B	1-storey	1	1			1				53.8	12.3	66.1	
	S Tower	021/464	008	A	1-storey	1	1			1				56.7	8.2	64.9	
	Podium	021/470	189	M	2-storey	1	1					1		128.2	75	203.2	
	Podium	022/470	190	I	2-storey	1	1				1			92.6	15.4	108	
	Podium	023/470	191	I	2-storey	1	1				1			92.6	15.4	108	
	Podium	024/470	192	I	2-storey	1	1				1			92.6	15.4	108	
	Podium	025/470	193	I	2-storey	1	1				1			92.6	15.4	108	
	Podium	026/470	194	I	2-storey	1	1				1			92.6	15.4	108	
	Podium	027/470	195	I	2-storey	1	1				1			92.6	15.4	108	
	Podium	028/470	196	I	2-storey	1	1				1			92.6	15.4	108	
	Podium	029/470	197	I	2-storey	1	1				1			92.6	15.4	108	
L03	N Tower	034/466	099	H(R)	1-storey	1	1					1		83.8	13.2	97	998.1
	N Tower	033/466	100	C(R)	1-storey	1	1	1		1				54.7	11.8	66.5	
	N Tower	032/466	101	C	1-storey	1	1	1		1				54.7	11.8	66.5	
	N Tower	031/466	102	H	1-storey	1	1				1			83.8	13.2	97	
	N Tower	035/466	103	J	1-storey	1	1	1			1			92.7	22.6	115.3	
	S Tower	034/464	009	A(R)	1-storey	1	1			1				56.7	8.2	64.9	
	S Tower	033/464	010	B(R)	1-storey	1	1			1				53.8	12.3	66.1	
	S Tower	032/464	011	B	1-storey	1	1			1				53.8	12.3	66.1	
	S Tower	031/464	012	A	1-storey	1	1			1				56.7	8.2	64.9	
	Podium	031/470	188	M	2-storey	1	1					1		128.2	27	155.2	
	Podium	033/468	167	K(R)	1-storey	1	1				1			89.1	104	193.1	
	Podium	034/468	168	K	1-storey	1	1				1			89.1	40	129.1	
	Podium	032/468	169	D(R)	1-storey	1	1			1				50.5	63.8	114.3	
	Podium	031/468	170	D	1-storey	1	1			1				50.5	20.8	71.3	
L04	N Tower	044/466	104	H(R)	1-storey	1	1					1		83.8	13.2	97	1575.2
	N Tower	043/466	105	C(R)	1-storey	1	1	1		1				54.7	11.8	66.5	
	N Tower	042/466	106	C	1-storey	1	1	1		1				54.7	11.8	66.5	
	N Tower	041/466	107	H	1-storey	1	1				1			83.8	13.2	97	
	N Tower	045/466	108	J	1-storey	1	1	1			1			92.7	22.6	115.3	
	S Tower	044/464	013	A(R)	1-storey	1	1			1				56.7	8.2	64.9	
	S Tower	043/464	014	B(R)	1-storey	1	1			1				53.8	12.3	66.1	
	S Tower	042/464	015	B	1-storey	1	1			1				53.8	12.3	66.1	
	S Tower	041/464	016	A	1-storey	1	1			1				56.7	8.2	64.9	
	Podium	041/470	179	O	2-storey	1	1					1		122.9	47.1	170	
	Podium	046/470	184	F	1-storey	1	1			1				54	15.5	69.5	
	Podium	047/470	185	F	1-storey	1	1			1				54	15.5	69.5	
	Podium	048/470	186	F	1-storey	1	1			1				54	15.5	69.5	
	Podium	049/470	187	F	1-storey	1	1			1				54	15.5	69.5	
	Podium	042/470	180	N	2-storey	1	1					1		124.4	61.3	185.7	
	Podium	043/470	181	N	2-storey	1	1					1		124.4	61.3	185.7	
	Podium	044/470	182	N	2-storey	1	1					1		124.4	61.3	185.7	
	Podium	045/470	183	L	2-storey	1	1			1				56.2	26.1	82.3	
L05	Podium	043/468	171	E(R)	1-storey	1	0			1				57.6	8	65.6	1030
	Podium	044/468	172	E	1-storey	1	1			1				57.6	8	65.6	
	Podium	041/468	174	D	1-storey	1	1			1				50.5	7.6	58.1	
	Podium	042/468	173	D(R)	1-storey	1	1			1				50.5	7.6	58.1	
	N Tower	054/466	109	H(R)	1-storey	1	1				1			83.8	13.2	97	
	N Tower	053/466	110	C(R)	1-storey	1	1	1		1				54.7	11.8	66.5	
	N Tower	052/466	111	C	1-storey	1	1	1		1				54.7	11.8	66.5	
	N Tower	051/466	112	H	1-storey	1	1				1			83.8	13.2	97	
L05	N Tower	055/466	113	J	1-storey	1	1	1				1		92.7	22.6	115.3	1030
	S Tower	054/464	017	A(R)	1-storey	1	1			1				56.7	8.2	64.9	
	S Tower	053/464	018	B(R)	1-storey	1	1			1				53.8	12.3	66.1	
	S Tower	052/464	019	B	1-storey	1	1			1				53.8	12.3	66.1	
	S Tower	051/464	020	A	1-storey	1	1			1				56.7	8.2	64.9	
	S Tower	055/464	021	Q	1-storey	1	1					1		119.7	47.6	167.3	
	Podium	051/468	178	D	1-storey	1	1			1				50.5	7.6	58.1	
	Podium	052/468	177	D(R)	1-storey	1	1			1				50.5	7.6	58.1	
	Podium	053/468	175	P(R)	2-storey	1	1					1		109.3	24.1	133.4	
	Podium	054/468	176	P	2-storey	1	1					1		109.3	24.1	133.4	

Unit Breakdown - Issue date 23.03.2016

Residential																	
Level	Location	Unit Number		Unit Type	Unit Storeys	Cross Ventilation	SEPP 65 Sunlight	LHD Compliant	No. Studios	No. 1 Beds	No. 2 Beds	No. 3 Beds	No. 5 Beds	Internal m2	External m2	Net sellable unit area	GFA/floor m2
L06	N Tower	064/466	114	H(R)	1-storey	1	1				1			83.8	13.2	97	705.3
	N Tower	063/466	115	C(R)	1-storey	1	1	1		1				54.7	11.8	66.5	
	N Tower	062/466	116	C	1-storey	1	1	1		1				54.7	11.8	66.5	
	N Tower	061/466	117	H	1-storey	1	1				1			83.8	13.2	97	
	N Tower	065/466	118	J	1-storey	1	1	1			1			92.7	22.6	115.3	
	S Tower	064/464	022	A(R)	1-storey	1	1			1				56.7	8.2	64.9	
	S Tower	063/464	023	B(R)	1-storey	1	1			1				53.8	12.3	66.1	
	S Tower	062/464	024	B	1-storey	1	1			1				53.8	12.3	66.1	
	S Tower	061/464	025	A	1-storey	1	1			1				56.7	8.2	64.9	
	S Tower	066/464	026	G	1-storey	1	1	1		1				57.3	9.6	66.9	
S Tower	065/464	027	G(R)	1-storey	1	1	1	1	1				57.3	9.6	66.9		
L07	N Tower	074/466	119	H(R)	1-storey	1	1				1			83.8	13.2	97	705.3
	N Tower	073/466	120	C(R)	1-storey	1	1	1		1				54.7	11.8	66.5	
	N Tower	072/466	121	C	1-storey	1	1	1		1				54.7	11.8	66.5	
	N Tower	071/466	122	H	1-storey	1	1				1			83.8	13.2	97	
	N Tower	075/466	123	J	1-storey	1	1	1			1			92.7	22.6	115.3	
	S Tower	074/464	028	A(R)	1-storey	1	1			1				56.7	8.2	64.9	
	S Tower	073/464	029	B(R)	1-storey	1	1			1				53.8	12.3	66.1	
	S Tower	072/464	030	B	1-storey	1	1			1				53.8	12.3	66.1	
	S Tower	071/464	031	A	1-storey	1	1			1				56.7	8.2	64.9	
	S Tower	076/464	032	G	1-storey	1	1	1		1				57.3	9.6	66.9	
S Tower	075/464	033	G(R)	1-storey	1	1	1	1	1				57.3	9.6	66.9		
L08	N Tower	084/466	124	H(R)	1-storey	1	1				1			83.8	13.2	97	705.3
	N Tower	083/466	125	C(R)	1-storey	1	1	1		1				54.7	11.8	66.5	
	N Tower	082/466	126	C	1-storey	1	1	1		1				54.7	11.8	66.5	
	N Tower	081/466	127	H	1-storey	1	1				1			83.8	13.2	97	
	N Tower	085/466	128	J	1-storey	1	1	1			1			92.7	22.6	115.3	
	S Tower	084/464	034	A(R)	1-storey	1	1			1				56.7	8.2	64.9	
	S Tower	083/464	035	B(R)	1-storey	1	1			1				53.8	12.3	66.1	
	S Tower	082/464	036	B	1-storey	1	1			1				53.8	12.3	66.1	
	S Tower	081/464	037	A	1-storey	1	1			1				56.7	8.2	64.9	
	S Tower	086/464	038	G	1-storey	1	1	1		1				57.3	9.6	66.9	
S Tower	085/464	039	G(R)	1-storey	1	1	1	1	1				57.3	9.6	66.9		
L09	N Tower	094/466	129	H(R)	1-storey	1	1				1			83.8	13.2	97	705.3
	N Tower	093/466	130	C(R)	1-storey	1	1	1		1				54.7	11.8	66.5	
	N Tower	092/466	131	C	1-storey	1	1	1		1				54.7	11.8	66.5	
	N Tower	091/466	132	H	1-storey	1	1				1			83.8	13.2	97	
	N Tower	095/466	133	J	1-storey	1	1	1			1			92.7	22.6	115.3	
	S Tower	094/464	040	A(R)	1-storey	1	1			1				56.7	8.2	64.9	
	S Tower	093/464	041	B(R)	1-storey	1	1			1				53.8	12.3	66.1	
	S Tower	092/464	042	B	1-storey	1	1			1				53.8	12.3	66.1	
	S Tower	091/464	043	A	1-storey	1	1			1				56.7	8.2	64.9	
	S Tower	096/464	044	G	1-storey	1	1	1		1				57.3	9.6	66.9	
S Tower	095/464	045	G(R)	1-storey	1	1	1	1	1				57.3	9.6	66.9		
L10	N Tower	104/466	134	H(R)	1-storey	1	1				1			83.8	13.2	97	705.3
	N Tower	103/466	135	C(R)	1-storey	1	1	1		1				54.7	11.8	66.5	
	N Tower	102/466	136	C	1-storey	1	1	1		1				54.7	11.8	66.5	
	N Tower	101/466	137	H	1-storey	1	1				1			83.8	13.2	97	
	N Tower	105/466	138	J	1-storey	1	1	1			1			92.7	22.6	115.3	
	S Tower	104/464	046	A(R)	1-storey	1	1			1				56.7	8.2	64.9	
	S Tower	103/464	047	B(R)	1-storey	1	1			1				53.8	12.3	66.1	
	S Tower	102/464	048	B	1-storey	1	1			1				53.8	12.3	66.1	
	S Tower	101/464	049	A	1-storey	1	1			1				56.7	8.2	64.9	
	S Tower	106/464	050	G	1-storey	1	1	1		1				57.3	9.6	66.9	
S Tower	105/464	051	G(R)	1-storey	1	1	1	1	1				57.3	9.6	66.9		
L11	N Tower	114/466	139	H(R)	1-storey	1	1				1			83.8	13.2	97	718
	N Tower	113/466	140	C(R)	1-storey	1	1	1		1				54.7	11.8	66.5	
	N Tower	112/466	141	C	1-storey	1	1	1		1				54.7	11.8	66.5	
	N Tower	111/466	142	H	1-storey	1	1				1			83.8	13.2	97	
	N Tower	115/466	143	T	1-storey	1	1					1		100.3	14	114.3	
	S Tower	114/464	052	A(R)	1-storey	1	1			1				56.7	8.2	64.9	
	S Tower	113/464	053	B(R)	1-storey	1	1			1				53.8	12.3	66.1	
	S Tower	112/464	054	B	1-storey	1	1			1				53.8	12.3	66.1	
	S Tower	111/464	055	A	1-storey	1	1			1				56.7	8.2	64.9	
	S Tower	116/464	056	Q	1-storey	1	1					1		119.7	14.6	134.3	
L12	N Tower	124/466	144	H(R)	1-storey	1	1				1			83.8	13.2	97	718
	N Tower	123/466	145	C(R)	1-storey	1	1	1		1				54.7	11.8	66.5	
	N Tower	122/466	146	C	1-storey	1	1	1		1				54.7	11.8	66.5	
	N Tower	121/466	147	H	1-storey	1	1				1			83.8	13.2	97	
	N Tower	125/466	148	T	1-storey	1	1					1		100.3	14	114.3	
	S Tower	124/464	057	A(R)	1-storey	1	1			1				56.7	8.2	64.9	
	S Tower	123/464	058	B(R)	1-storey	1	1			1				53.8	12.3	66.1	
	S Tower	122/464	059	B	1-storey	1	1			1				53.8	12.3	66.1	
	S Tower	121/464	060	A	1-storey	1	1			1				56.7	8.2	64.9	
	S Tower	126/464	061	Q	1-storey	1	1					1		119.7	14.6	134.3	

1518 - VERVE RESIDENCES

Unit Breakdown - Issue date 23.03.2016

Residential																	
Level	Location	Unit Number		Unit Type	Unit Storeys	Cross Ventilation	SEPP 65 Sunlight	LHD Compliant	No. Studios	No. 1 Beds	No. 2 Beds	No. 3 Beds	No. 5 Beds	Internal m2	External m2	Net sellable unit area	GFA/floor m2
L13																	
	N Tower	131/466	150	R	1-storey	1	1					1		145.3	22.9	168.2	731.6
	N Tower	132/466	149	R(R)	1-storey	1	1					1		145.3	22.9	168.2	
	N Tower	133/466	151	T	1-storey	1	1					1		100.3	14	114.3	
	S Tower	134/464	062	A(R)	1-storey	1	1			1				56.7	8.2	64.9	
	S Tower	133/464	063	B(R)	1-storey	1	1			1				53.8	12.3	66.1	
	S Tower	132/464	064	B	1-storey	1	1			1				53.8	12.3	66.1	
	S Tower	131/464	065	A	1-storey	1	1			1				56.7	8.2	64.9	
	S Tower	135/464	066	Q	1-storey	1	1					1		119.7	14.6	134.3	
L14																	
	N Tower	141/466	153	R	1-storey	1	1					1		145.1	22.9	168	734.9
	N Tower	142/466	152	R(R)	1-storey	1	1					1		145.1	22.9	168	
	N Tower	143/466	154	T	1-storey	1	1					1		104	14	118	
	S Tower	144/464	067	A(R)	1-storey	1	1			1				56.7	8.2	64.9	
	S Tower	143/464	068	B(R)	1-storey	1	1			1				53.8	12.3	66.1	
	S Tower	142/464	069	B	1-storey	1	1			1				53.8	12.3	66.1	
	S Tower	141/464	070	A	1-storey	1	1			1				56.7	8.2	64.9	
	S Tower	145/464	071	Q	1-storey	1	1					1		119.7	14.6	134.3	
L15																	
	N Tower	151/466	156	R	1-storey	1	1					1		145.1	22.9	168	734.9
	N Tower	152/466	155	R(R)	1-storey	1	1					1		145.1	22.9	168	
	N Tower	153/466	157	T	1-storey	1	1					1		104	14	118	
	S Tower	154/464	072	A(R)	1-storey	1	1			1				56.7	8.2	64.9	
	S Tower	153/464	073	B(R)	1-storey	1	1			1				53.8	12.3	66.1	
	S Tower	152/464	074	B	1-storey	1	1			1				53.8	12.3	66.1	
	S Tower	151/464	075	A	1-storey	1	1			1				56.7	8.2	64.9	
	S Tower	155/464	076	Q	1-storey	1	1					1		119.7	14.6	134.3	
L16																	
	N Tower	161/466	159	R	1-storey	1	1					1		145.1	22.9	168	734.9
	N Tower	162/466	158	R(R)	1-storey	1	1					1		145.1	22.9	168	
	N Tower	163/466	160	T	1-storey	1	1					1		104	14	118	
	S Tower	164/464	077	A(R)	1-storey	1	1			1				56.7	8.2	64.9	
	S Tower	163/464	078	B(R)	1-storey	1	1			1				53.8	12.3	66.1	
	S Tower	162/464	079	B	1-storey	1	1			1				53.8	12.3	66.1	
	S Tower	161/464	080	A	1-storey	1	1			1				56.7	8.2	64.9	
	S Tower	165/464	081	Q	1-storey	1	1					1		119.7	14.6	134.3	
L17																	
	N Tower	171/466	161	V	1-storey	1	1	1					1	292.5	45.2	337.7	745.1
	N Tower	172/466	162	T	1-storey	1	1					1		100.3	13	113.3	
	S Tower	171/466	083	S	1-storey	1	1					1		116.3	17.3	133.6	
	S Tower	172/466	082	S(R)	1-storey	1	1					1		116.3	17.3	133.6	
	S Tower	173/466	084	Q	1-storey	1	1					1		119.7	14.4	134.1	
L18																	
	N Tower	181/466	163	V	1-storey	1	1	1					1	292.5	45.2	337.7	745.1
	N Tower	182/466	164	T	1-storey	1	1					1		100.3	13	113.3	
	S Tower	181/466	086	S	1-storey	1	1					1		116.3	17.3	133.6	
	S Tower	182/466	085	S(R)	1-storey	1	1					1		116.3	17.3	133.6	
	S Tower	183/466	087	Q	1-storey	1	1					1		119.7	14.4	134.1	
L19																	
	N Tower	191/466	191	V	1-storey	1	1	1					1	292.5	45.2	337.7	745.1
	N Tower	192/466	192	T	1-storey	1	1					1		100.3	13	113.3	
	S Tower	191/466	089	S	1-storey	1	1					1		116.3	17.3	133.6	
	S Tower	192/466	088	S(R)	1-storey	1	1					1		116.3	17.3	133.6	
	S Tower	193/466	090	Q	1-storey	1	1					1		119.7	14.4	134.1	