

# Land Use Planning and Approvals Act 1993

APPLICATION NO.

DA2024/237

LOCATION OF AFFECTED AREA

72 ELDERSLIE ROAD, BRIGHTON

DESCRIPTION OF DEVELOPMENT PROPOSAL

# **MULTIPLE DWELLINGS X 13 (STAGED DEVELOPMENT)**

A COPY OF THE DEVELOPMENT APPLICATION MAY BE VIEWED AT <a href="https://www.brighton.tas.gov.au">www.brighton.tas.gov.au</a> AND AT THE COUNCIL OFFICES, 1 TIVOLI ROAD, OLD BEACH, BETWEEN 8:15 A.M. AND 4:45 P.M, MONDAY TO FRIDAY OR VIA THE QR CODE BELOW. ANY PERSON MAY MAKE WRITTEN REPRESENTATIONS IN ACCORDANCE WITH S.57(5) OF THE LAND USE PLANNING AND APPROVALS ACT 1993 CONCERNING THIS APPLICATION UNTIL 4:45 P.M. ON 06/05/2025. ADDRESSED TO THE CHIEF EXECUTIVE OFFICER AT 1 TIVOLI ROAD, OLD BEACH, 7017 OR BY EMAIL

AT

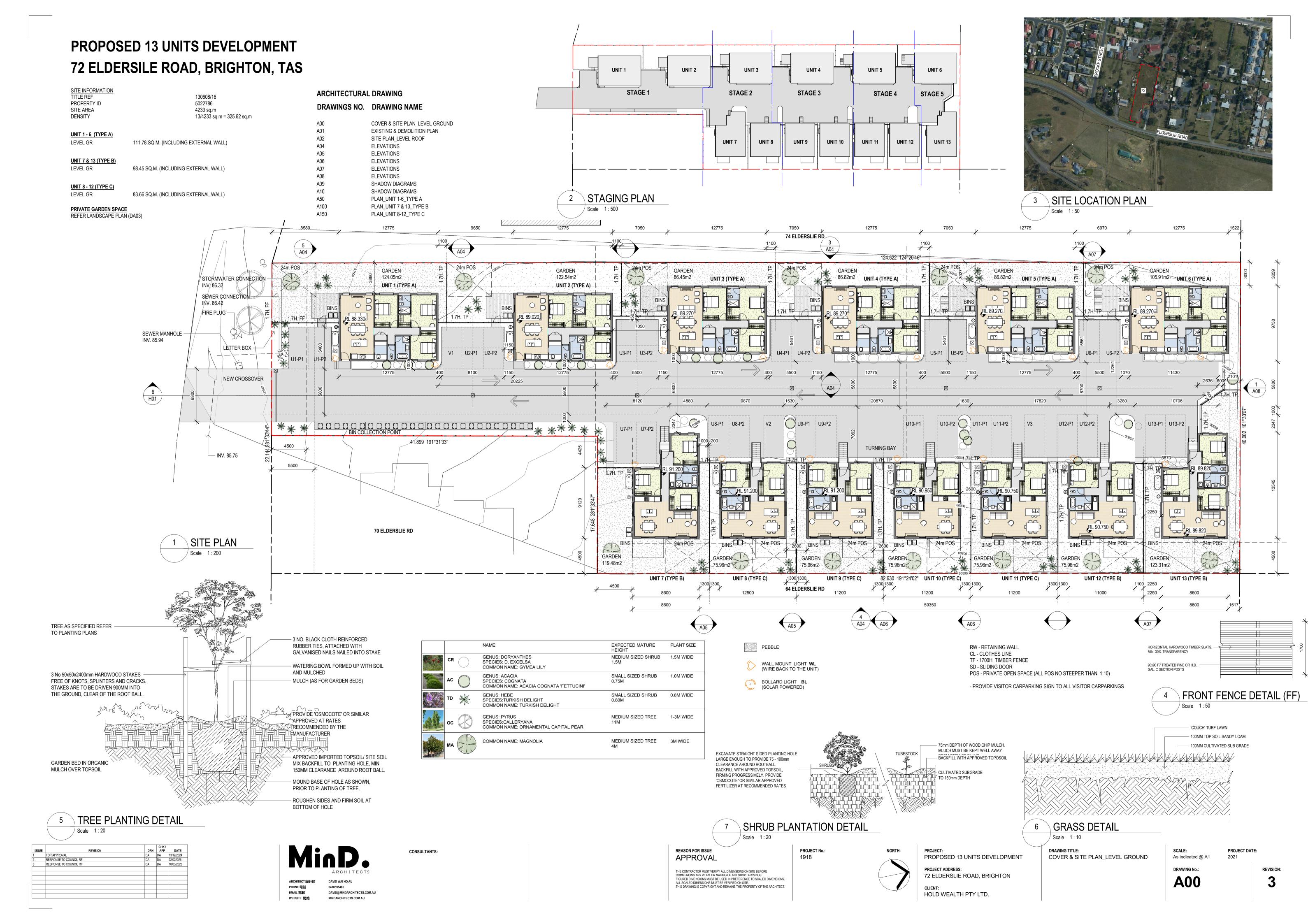
development@brighton.tas.gov.au.

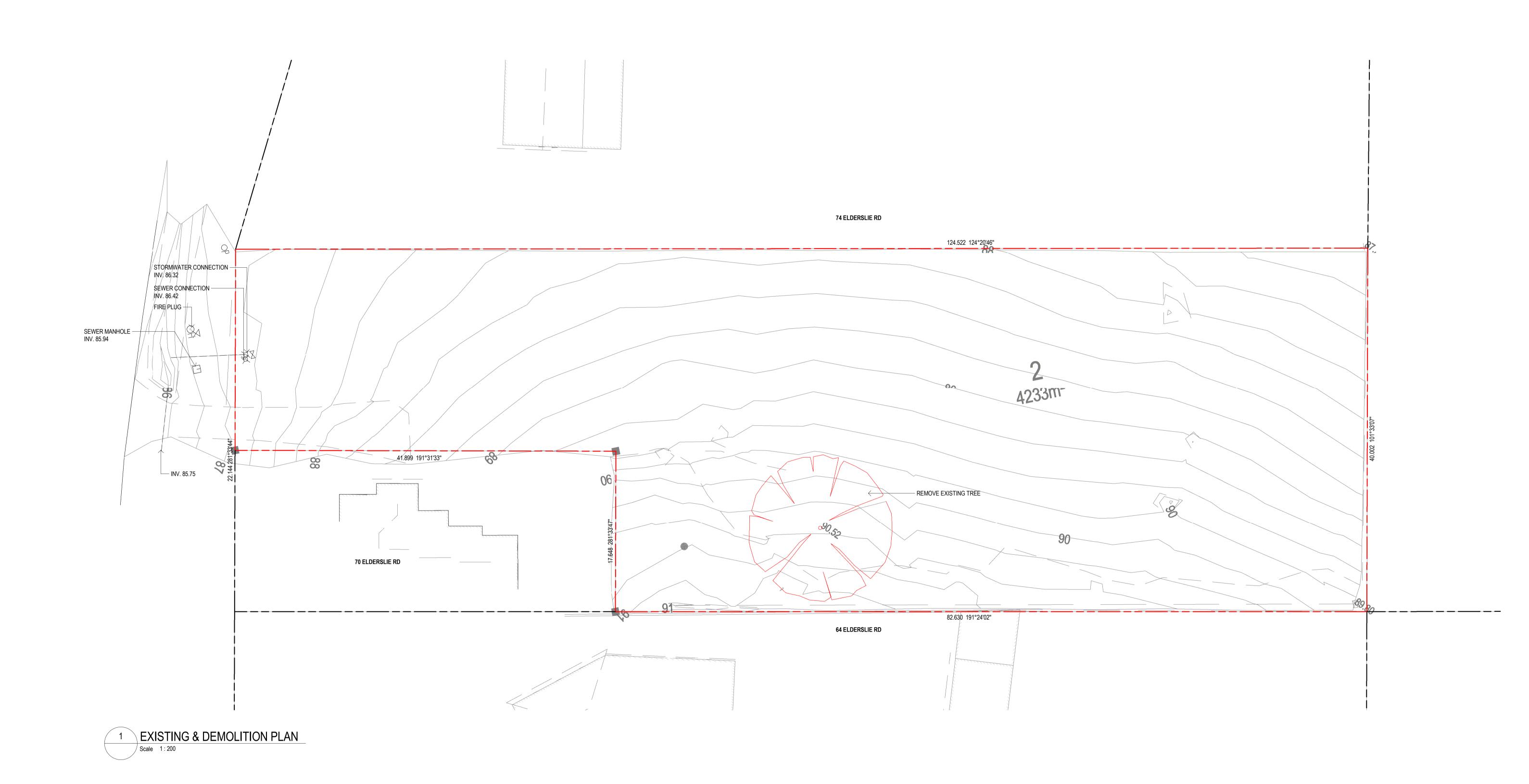
REPRESENTATIONS SHOULD INCLUDE A DAYTIME TELEPHONE NUMBER TO ALLOW COUNCIL OFFICERS TO DISCUSS, IF NECESSARY, ANY MATTERS RAISED.

JAMES DRYBURGH
Chief Executive Officer







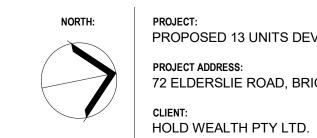


FOR APPROVAL
RESPONSE TO COUNCIL RFI
RESPONSE TO COUNCIL RFI



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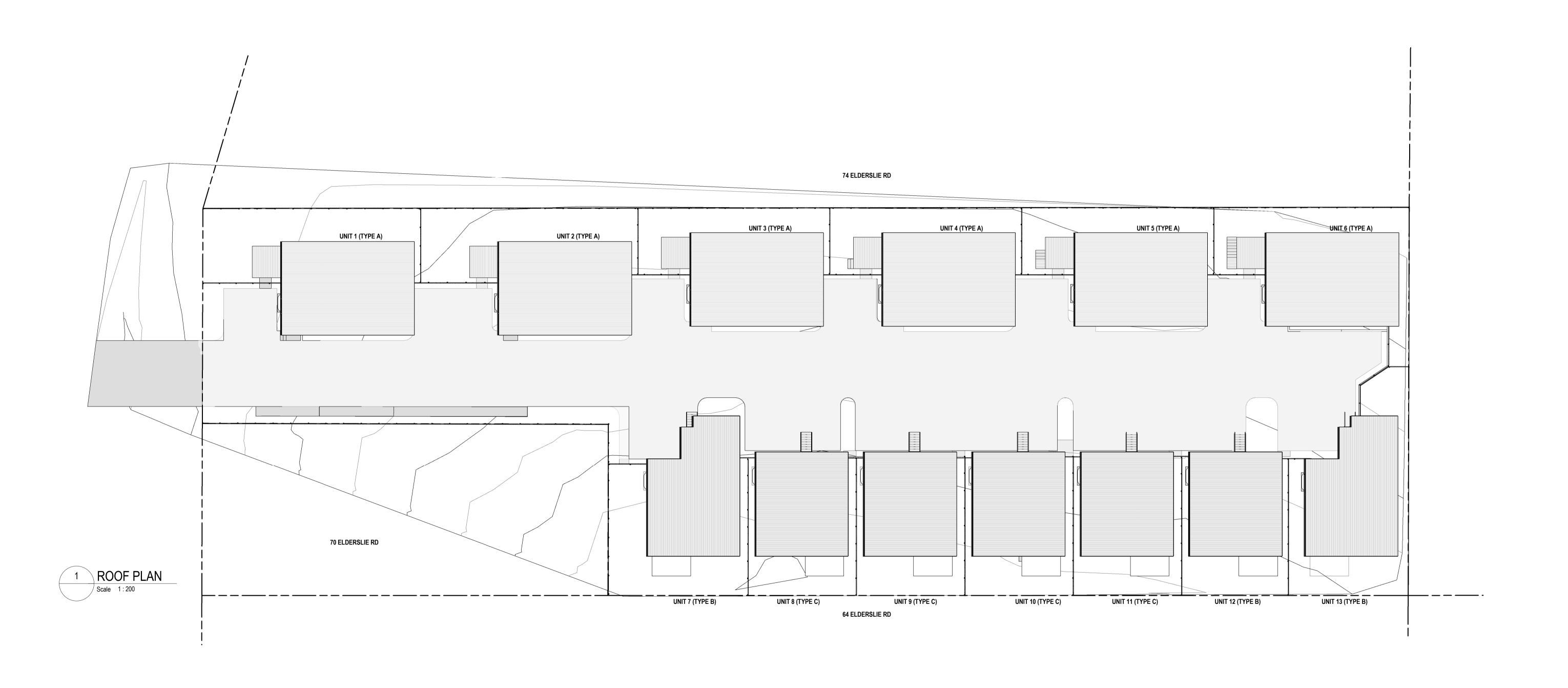
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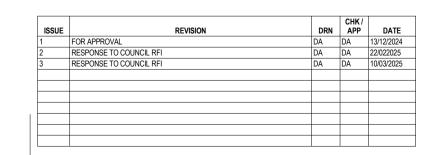
PROJECT: PROPOSED 13 UNITS DEVELOPMENT PROJECT ADDRESS: 72 ELDERSLIE ROAD, BRIGHTON

DRAWING TITLE: EXISTING & DEMOLITION PLAN

PROJECT DATE: SCALE: 1 : 200 @ A1 DRAWING No.:

**A01** 



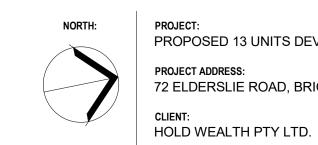




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PROJECT No.:

1918

PROJECT:
PROPOSED 13 UNITS DEVELOPMENT

PROJECT ADDRESS:
72 ELDERSLIE ROAD, BRIGHTON

DRAWING TITLE: SITE PLAN\_LEVEL ROOF SCALE: PROJECT DATE: 1:200 @ A1 2021

DRAWING No.:

**A02** 

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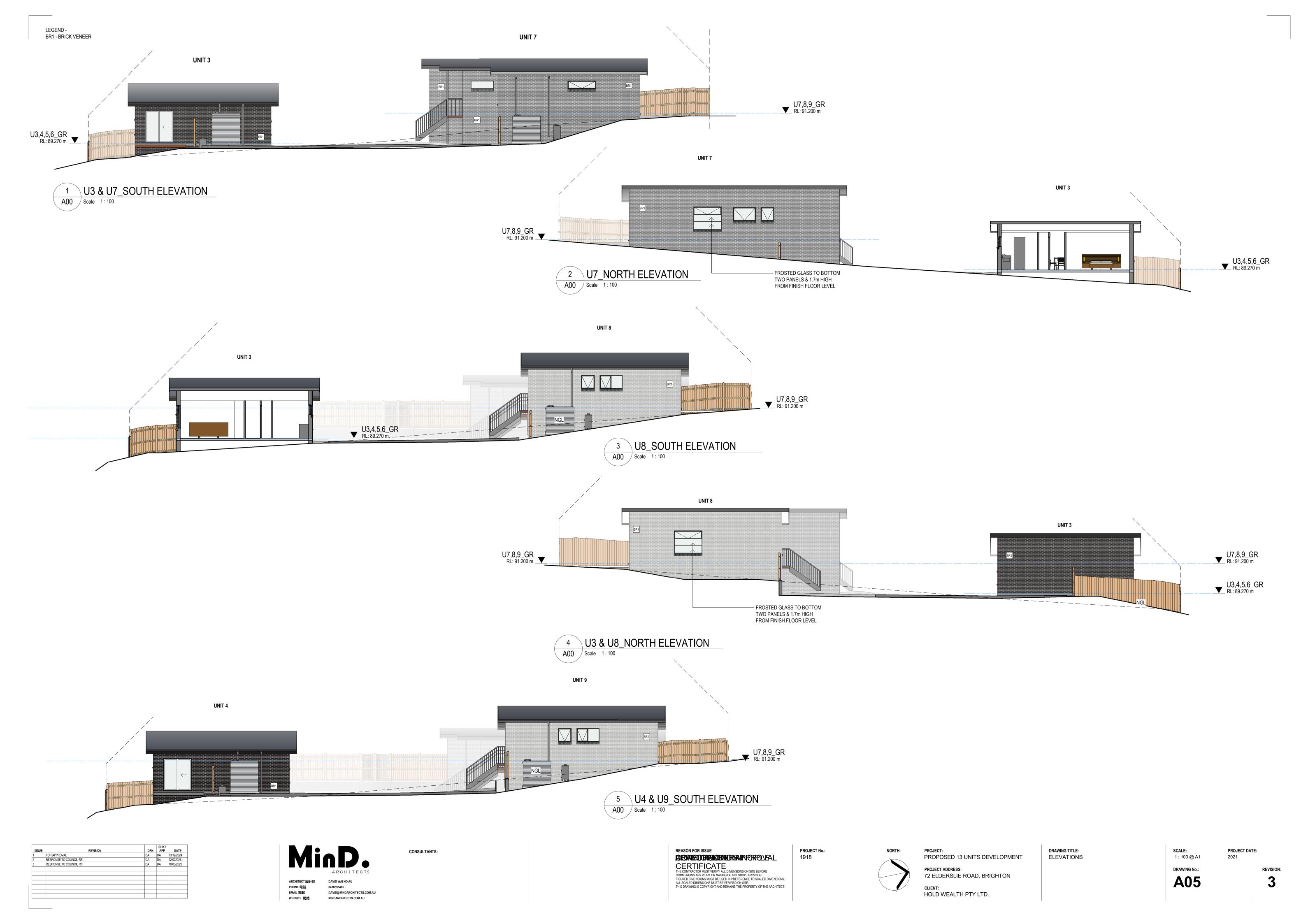
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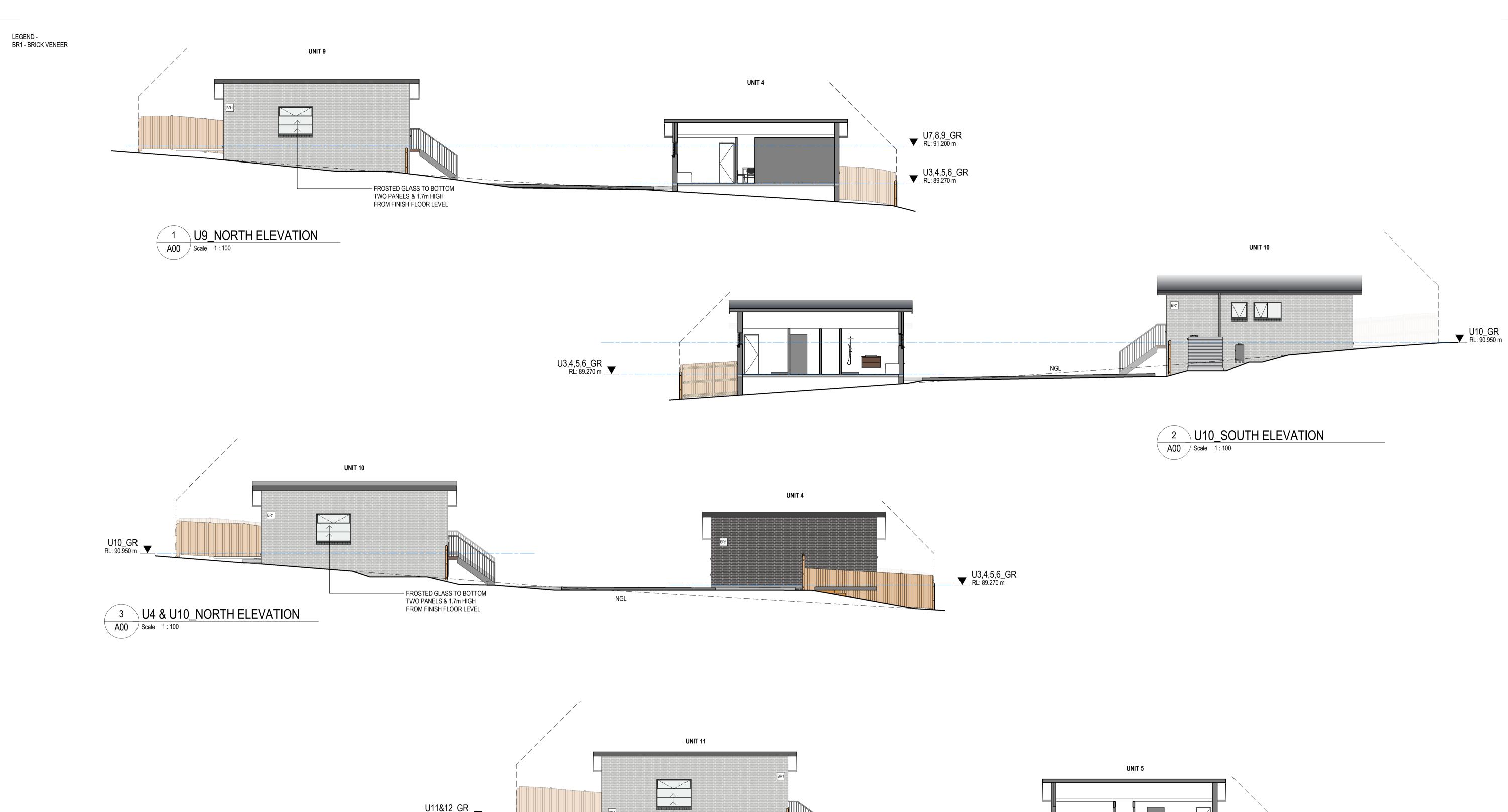
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EMAIL 電郵 DAYID MIND ARCHITECTS.COMAU

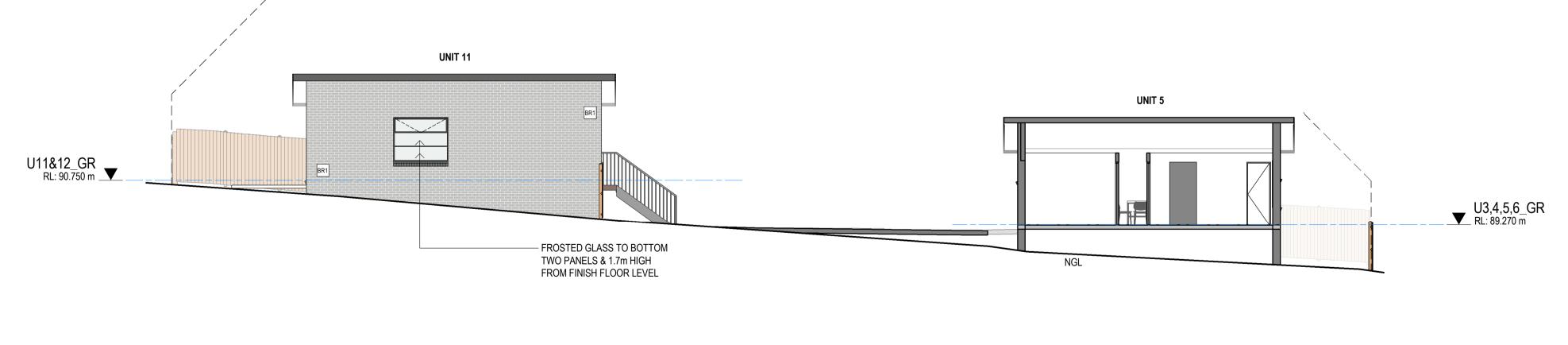
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4 U11\_NORTH ELEVATION
A00 Scale 1:100

| ISSUE | REVISION                | DRN | CHK /<br>APP | DATE       |
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| 1     | FOR APPROVAL            | DA  | DA           | 13/12/2024 |
| 2     | RESPONSE TO COUNCIL RFI | DA  | DA           | 22/022025  |
| 3     | RESPONSE TO COUNCIL RFI | DA  | DA           | 10/03/2025 |
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PHONE 電話 EMAIL 電郵 WEBSITE 網站 DAVID@MINDARCHITECTS.COM.AU MINDARCHITECTS.COM.AU

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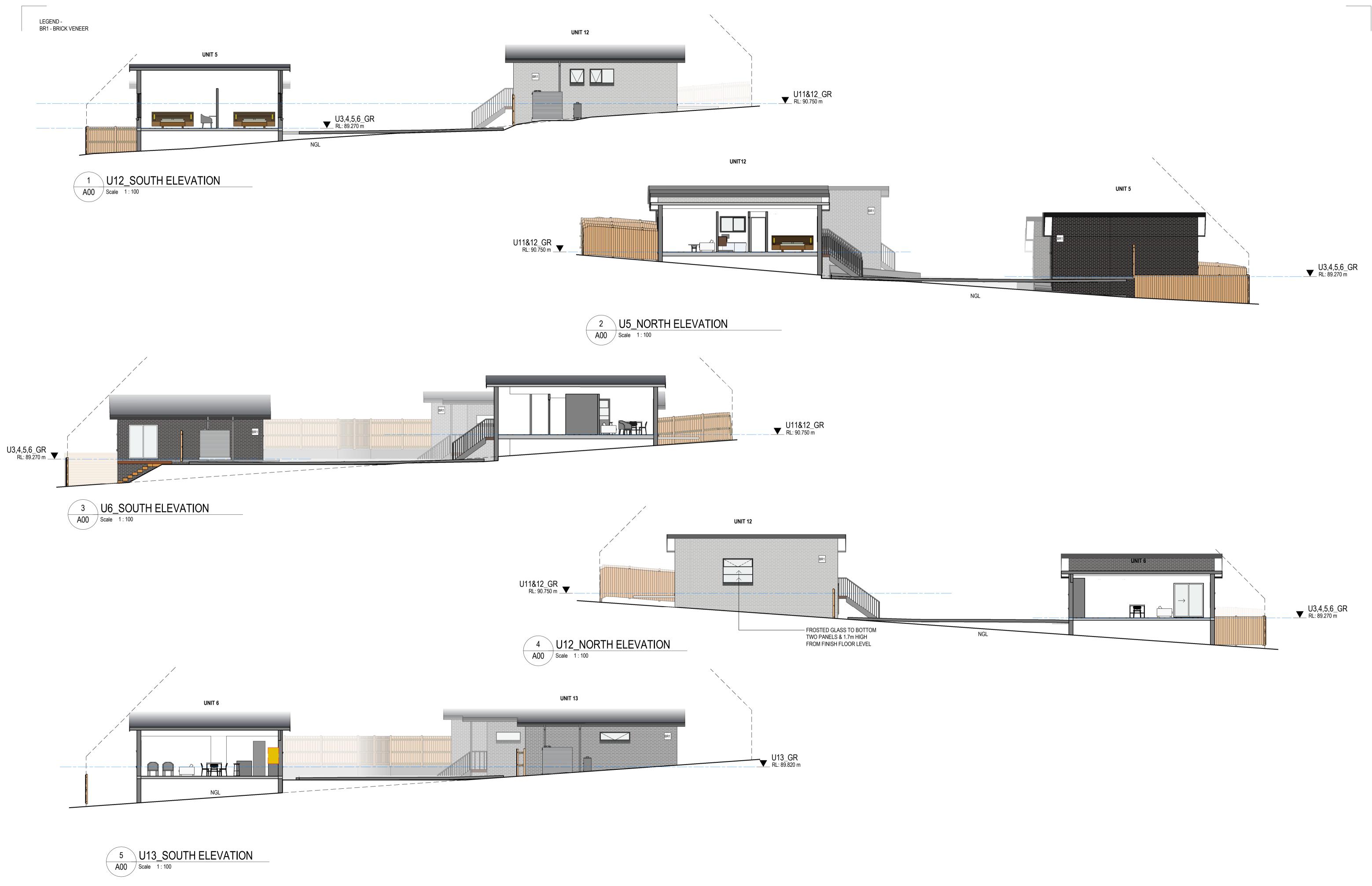
HOLD WEALTH PTY LTD.

DRAWING TITLE: **ELEVATIONS** 

SCALE: PROJECT DATE: 1 : 100 @ A1 DRAWING No.:

REVISION: **A06** 

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 ISSUE
 REVISION
 DRN
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 RESPONSE TO COUNCIL RFI
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 DA
 DA
 10/03/2025

ARCHITECT設計師
PHONE 電話
EMAIL 電郵
WEBSITE 網站

ARCHITECTS

DAVID WAI HO AU
0410595465
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PROJECT No.:

1918

REASON FOR ISSUE

PROJECT:
PROPOSED 13 UNITS DEVELOPMENT

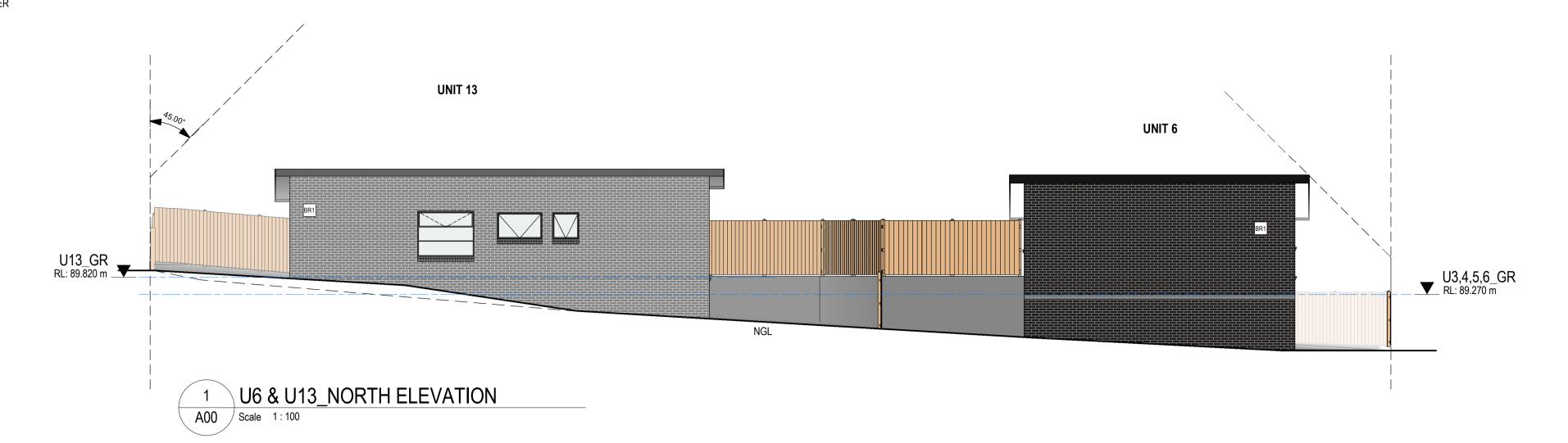
PROJECT ADDRESS:
72 ELDERSLIE ROAD, BRIGHTON

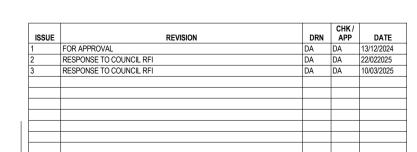
CLIENT:
HOLD WEALTH PTY LTD.

DRAWING TITLE: ELEVATIONS SCALE: PROJECT DATE: 1:100 @ A1 2021

A07

LEGEND -BR1 - BRICK VENEER







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PROJECT No.:

1918

PROJECT:
PROPOSED 13 UNITS DEVELOPMENT
PROJECT ADDRESS:
72 ELDERSLIE ROAD, BRIGHTON

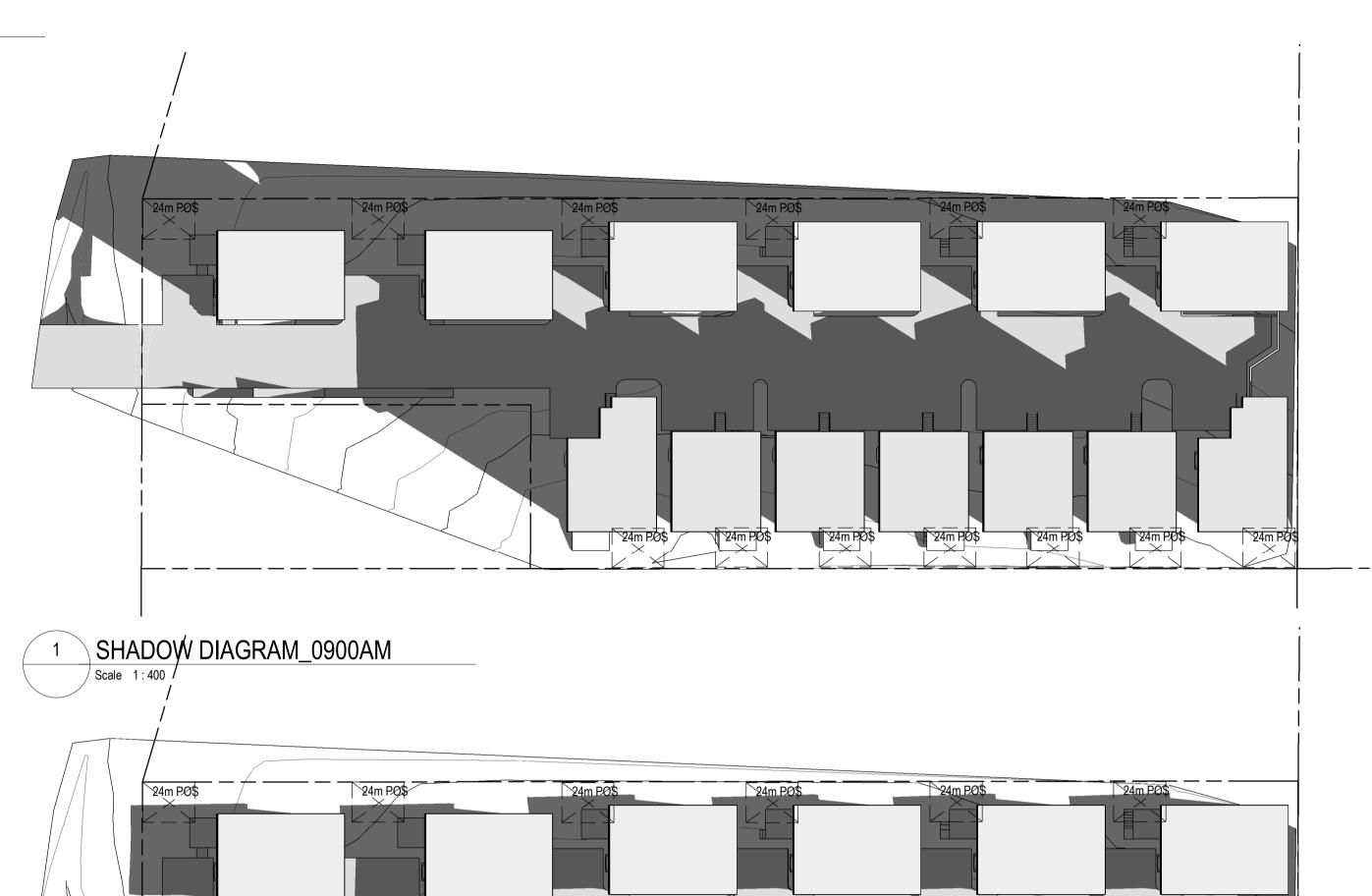
CLIENT: HOLD WEALTH PTY LTD. DRAWING TITLE: ELEVATIONS 
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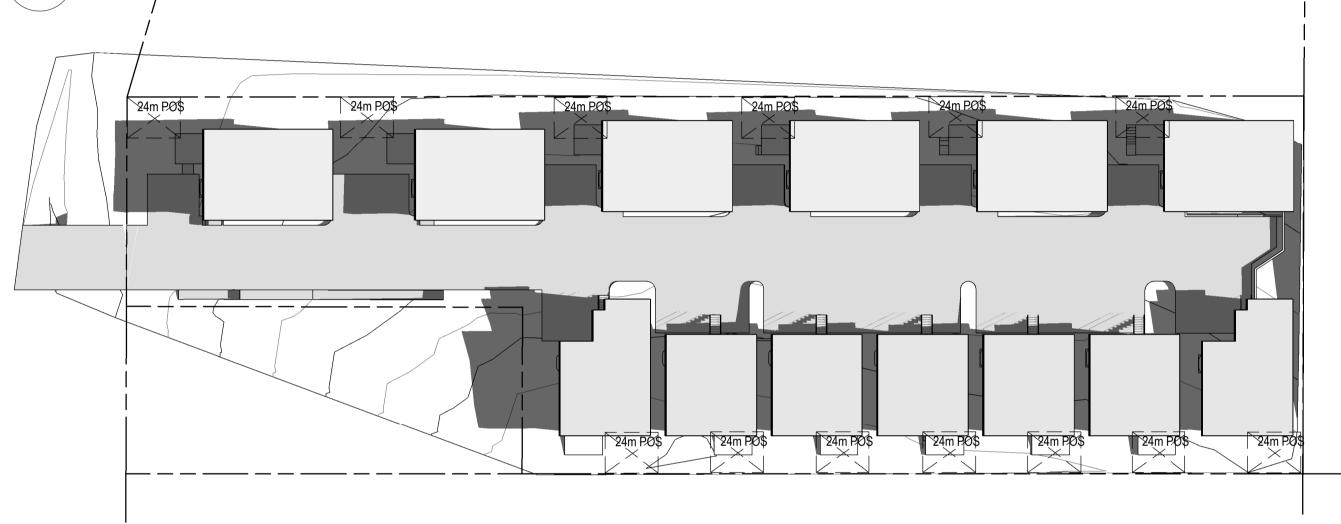
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A08

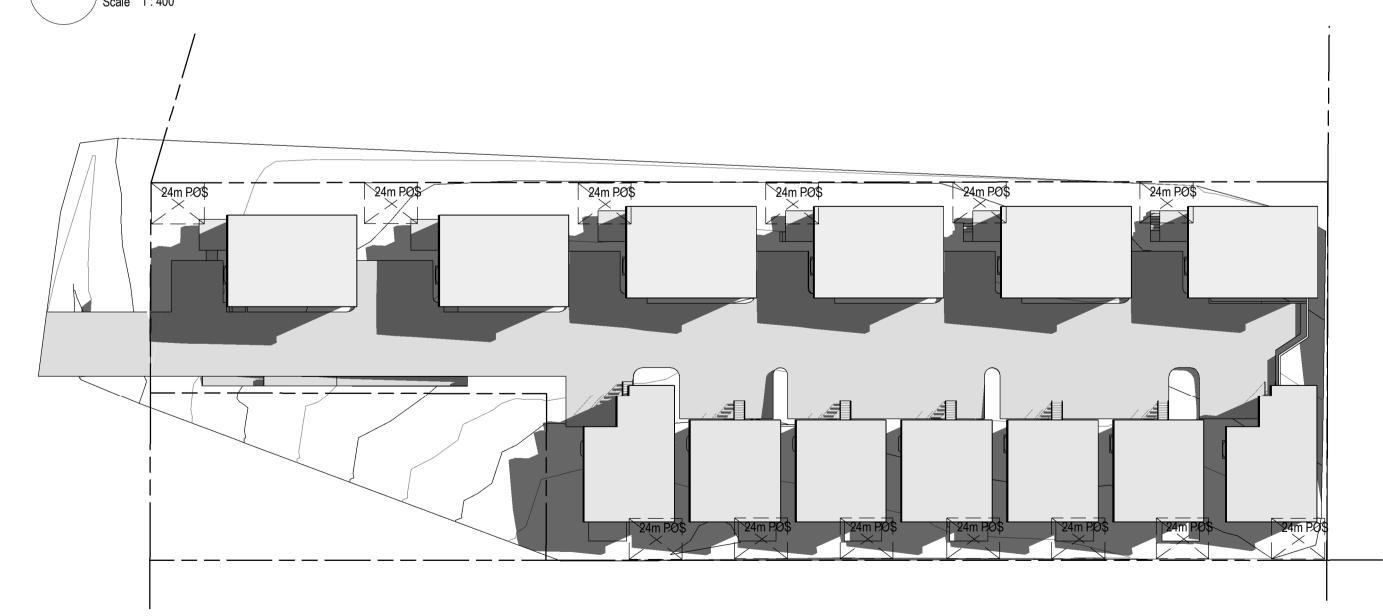
REVISION:

3





SHADOW DIAGRAM\_1100AM



SHADOW DIAGRAM\_1300PM Scale 1:400

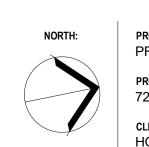
NOTE -- 21 JUNE - SHADOW ONLY CAST INSIDE THE PROPERTY BOUNDARY.

RESPONSE TO COUNCIL RFI



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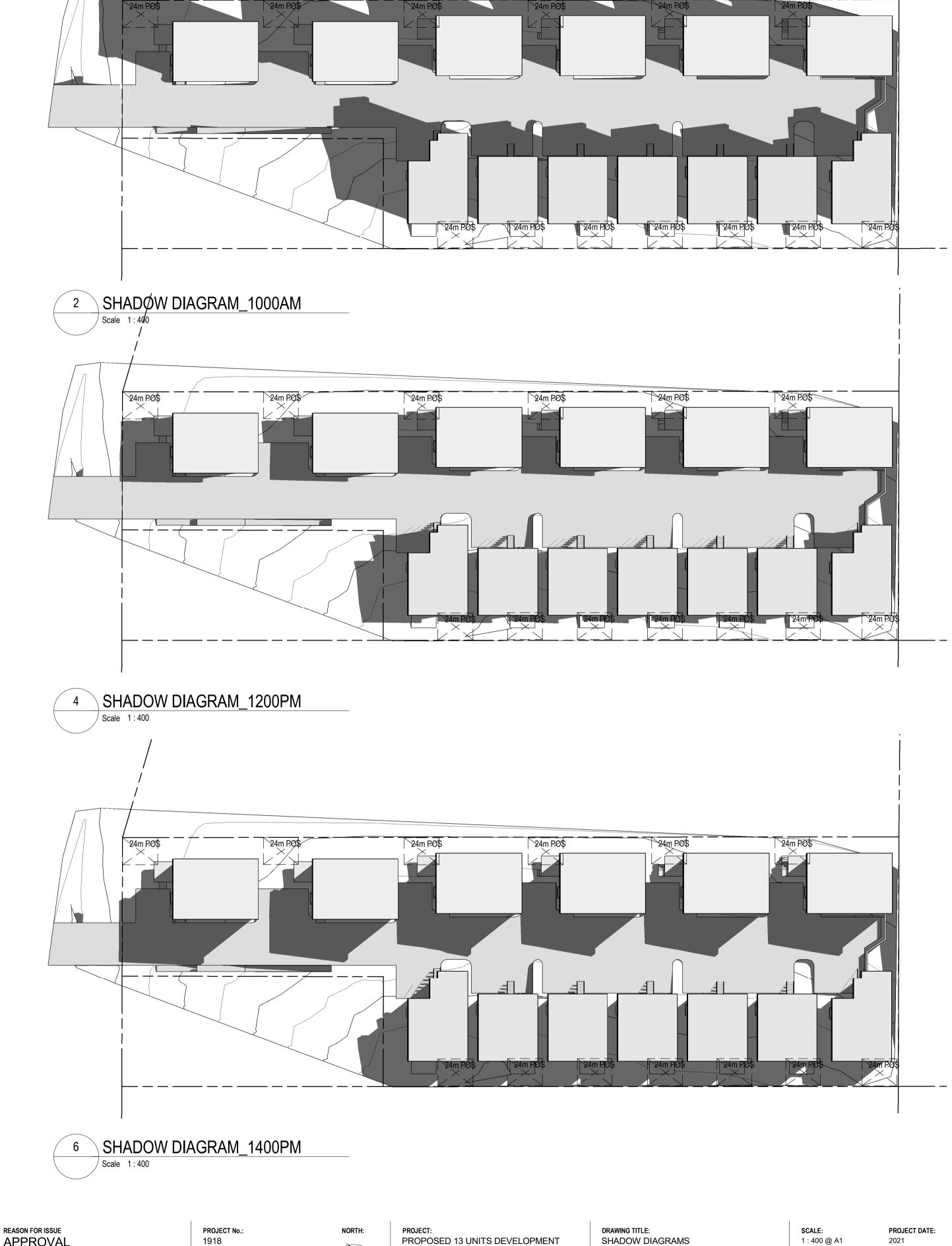


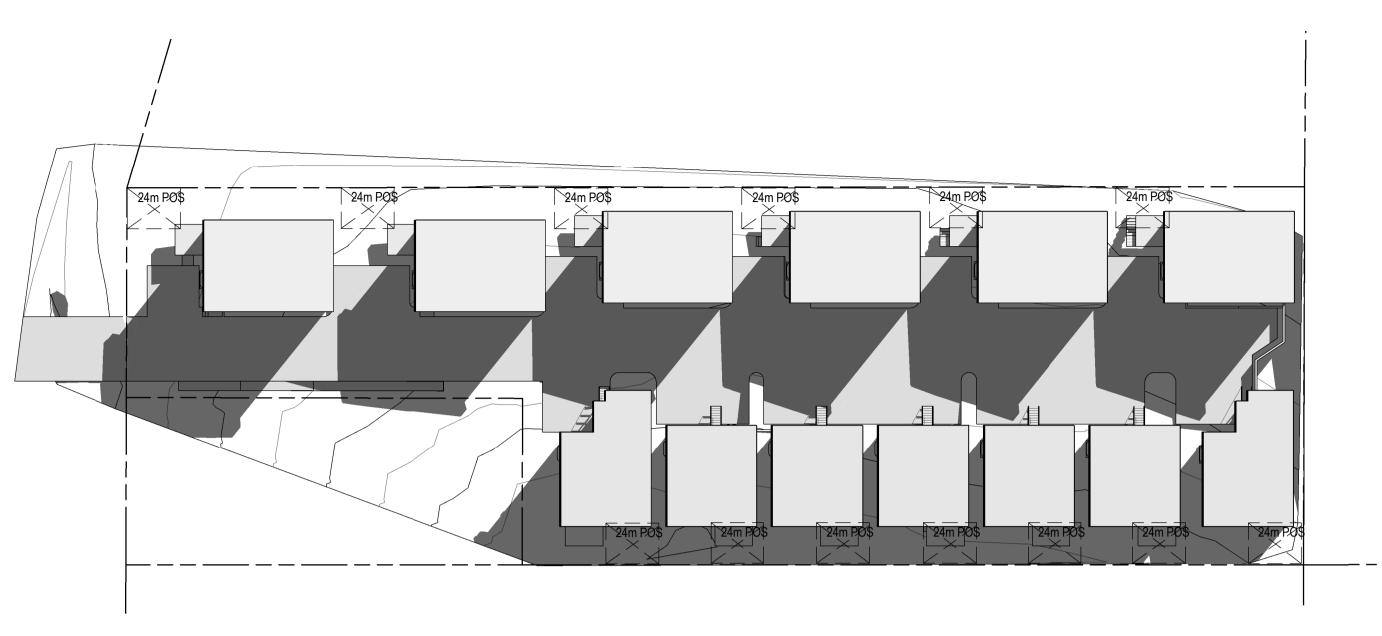
PROPOSED 13 UNITS DEVELOPMENT PROJECT ADDRESS: 72 ELDERSLIE ROAD, BRIGHTON HOLD WEALTH PTY LTD.

DRAWING TITLE: SHADOW DIAGRAMS

SCALE: 1 : 400 @ A1 DRAWING No.:

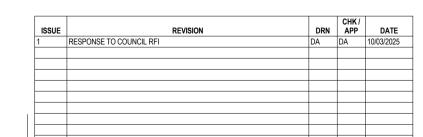
**A09** 





1 SHADOW DIAGRAM\_1500PM
Scale 1:400

NOTE -- 21 JUNE - SHADOW ONLY CAST INSIDE THE PROPERTY BOUNDARY.

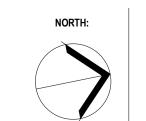




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PROPOSED 13 UNITS DEVELOPMENT

PROJECT ADDRESS:
72 ELDERSLIE ROAD, BRIGHTON

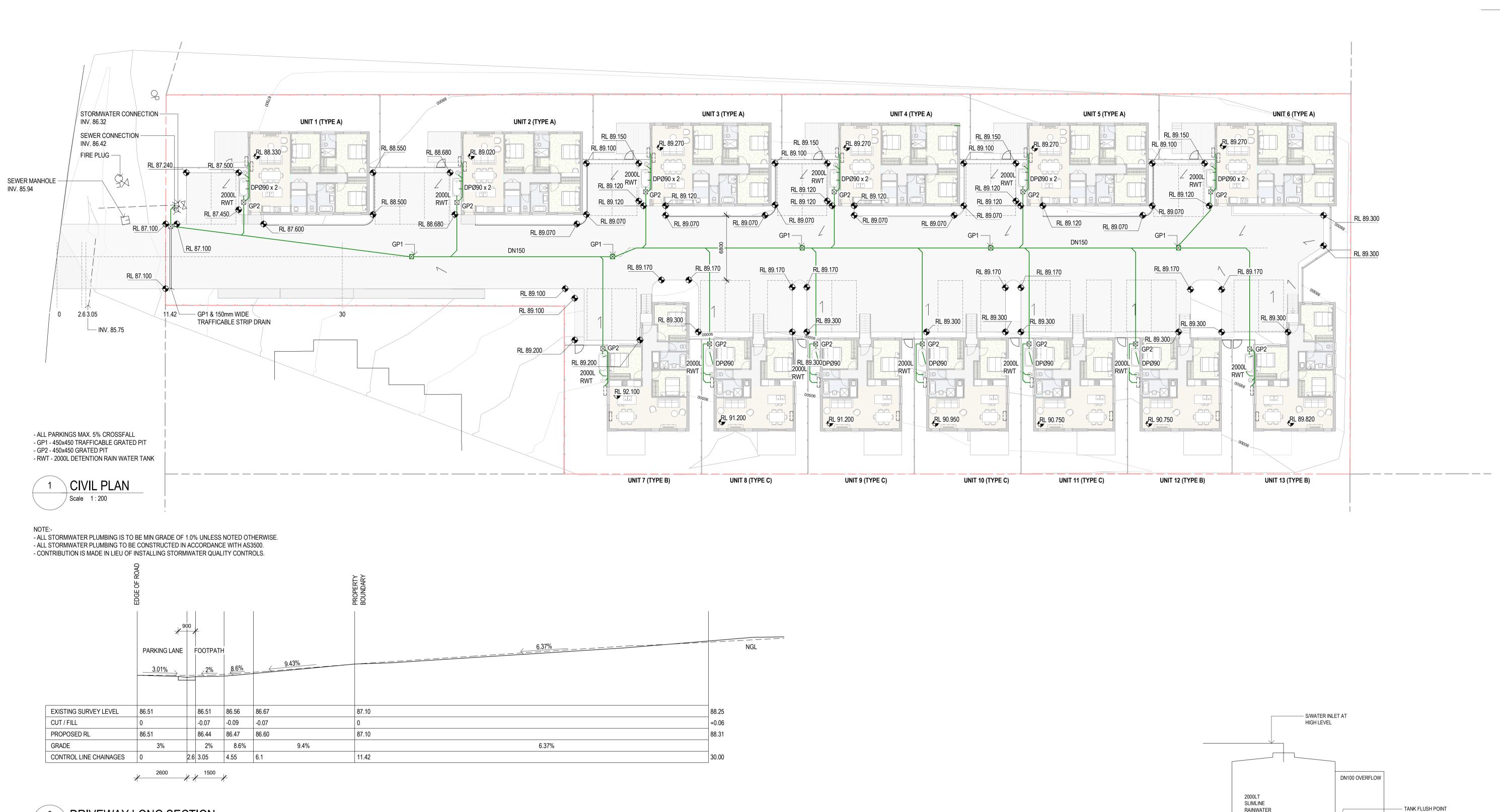
CLIENT:
HOLD WEALTH PTY LTD.

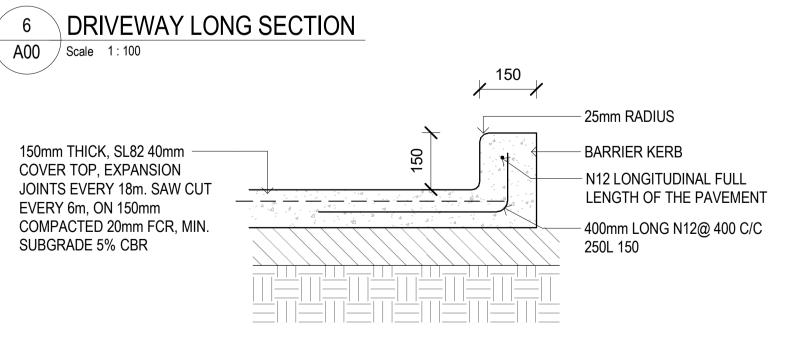
DRAWING TITLE: SHADOW DIAGRAMS SCALE: PROJECT DATE: 1: 400 @ A1 2021

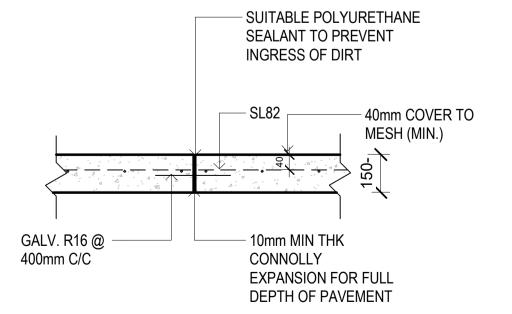
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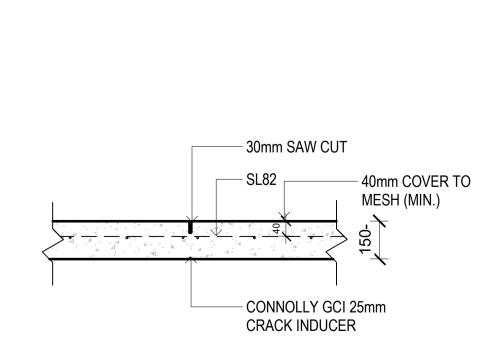
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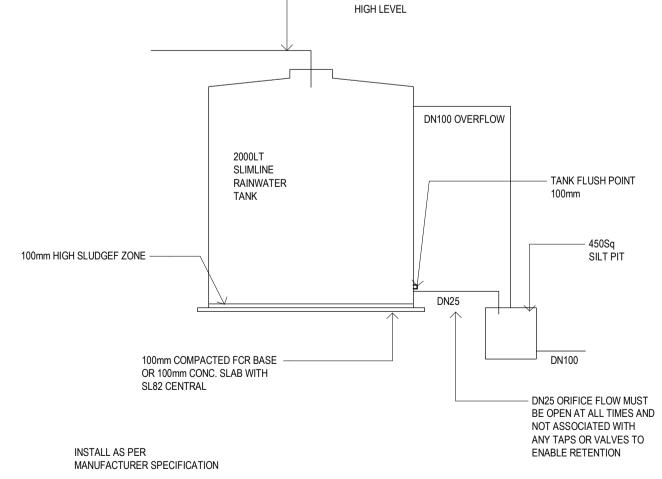
A10











2 DRIVEWAY+KERB DETAIL
Scale 1:10

3 EXPANSION JOINT DETAIL - 18m SPACING (TYP.)
Scale 1:10

4 SAW CUT JOINT DETAIL - 6m SPACING (TYP.)

Scale 1:10

5 TYP. S/WATER RAINWATER TANK
Scale 1:100

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| Mi            | ARCHITECTS                  |
|---------------|-----------------------------|
| ARCHITECT 設計師 | DAVID WAI HO AU             |
| PHONE 電話      | 0410595465                  |
| EMAIL 電郵      | DAVID@MINDARCHITECTS.COM.AU |
| WEBSITE 網站    | MINDARCHITECTS.COM.AU       |



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|        | CLIENT:<br>HOLD WEALTH PTY LTD.                 |                 |

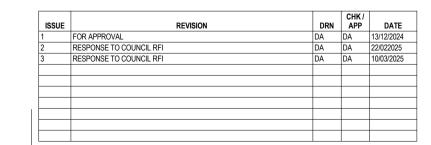
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SCALE: PROJECT DATE: 2021

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1 SWEPT PATH
Scale 1:200

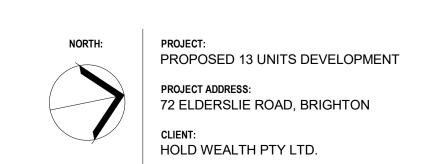




CONSULTANTS:

REASON FOR ISSUE
APPROVAL

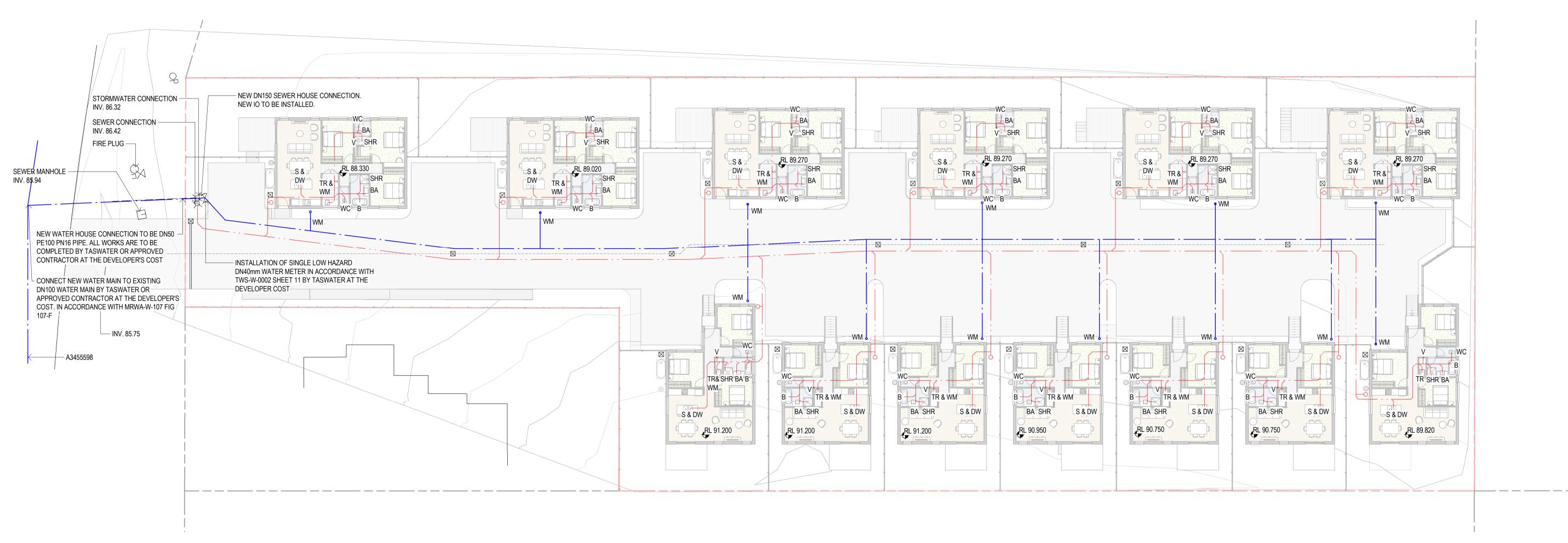
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DRAWING TITLE: SWEPT PATH SCALE: PROJECT DATE: 1:200 @ A1 2021

DRAWING No.:

**H02** 



SEWER & WATER PLAN Scale 1 : 200

NOTE:-

- ALL INTERNAL SEWER TO BE MIN GRADE OF 1 IN 60 UNLESS NOTED OTHERWISE.

- ALL SEWER AND WATER PLUMBING TO BE CONSTRUCTED IN ACCORDANCE WITH AS3500. - ALL WORKS ARE TO BE IN ACCORDANCE WITH THE WATER SUPPLY CODE OF AUSTRALIA WSA 03-2011-3.1 VERSION

- MRWA EDITION V2.0 AND SEWERAGE CODE OF AUSTRALIA MELBOURNE RETAIL WATER AGENCIES CODE WSA 02 - 2014-3.1 MRWA VERSION 2 AND TASWATER'S SUPPLEMENTS TO THESE CODES.

SERVICES NOTES:

WATER SUPPLY 1. ALL WATER SUPPLY WORKS IN PRIVATE AREAS TO COMPLY WITH AS3500.1 AND AS 3500.4 AND LOCAL BUILDING AND HEALTH AUTHORITY REGULATION. 2. THE PLUMBING CONTRACTOR TO PLAN AND

INSTALLED ALL INTERNAL WATER SUPPLY SERVICES AND ALL WORK TO ACCORDANCE WITH AS3500. 3. ALL HOT WATER LINES ARE TO BE FULLY LAGGED. 4. ALL HOT WATER SERVICES SHALL COME WITH TEMPERING DEVICES SUPPLYING WATER AT NOT MORE THAN 45 DEGREES C. TO ACCORRED TO AS 3500.4.

5. ALL SEWER DRAINS PROVIDED IS DN100 OR WITH OTHERS UNLESS APPROVED OTHERWISE.

50mm 50mm 50mm 50mm 100mm 100mm UNO DISH WASHER TROUGH SINK SHR OVERFLOW RELIEFT GULLY VENT VENT RISER WC WM TGD WATER CLOSET WASHING MACHINE 50mm TRENCH GRATE DRAIN

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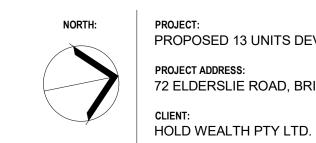






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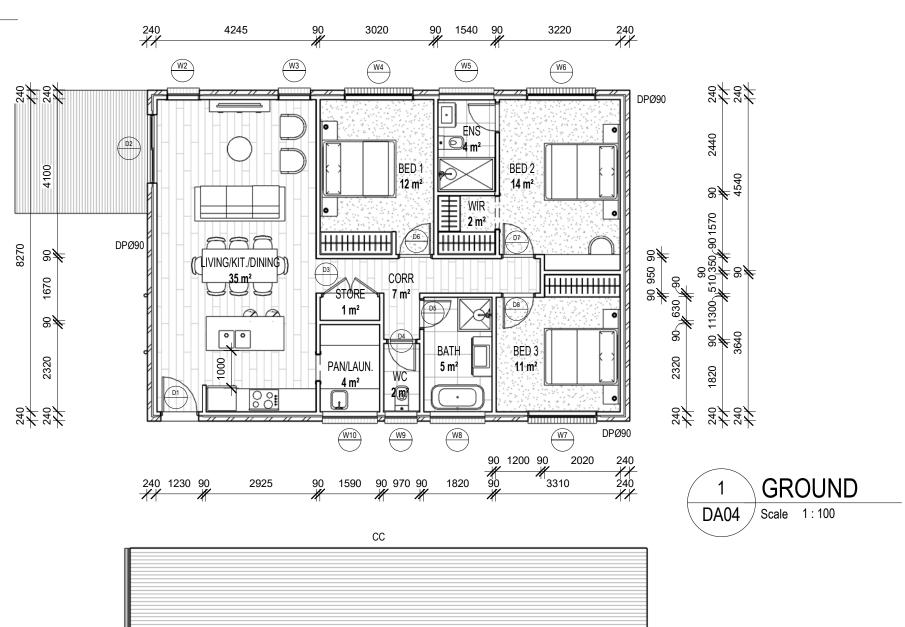
1918



PROPOSED 13 UNITS DEVELOPMENT PROJECT ADDRESS: 72 ELDERSLIE ROAD, BRIGHTON

DRAWING TITLE: SEWER & WATER PLAN SCALE: PROJECT DATE: 1 : 200 @ A1 2021

DRAWING No.: **H03** 



| NAME               | AREA  |
|--------------------|-------|
| IVAIIL             | ANLA  |
| BED 1              | 12 m² |
| BED 2              | 14 m² |
| PAN/LAUN.          | 4 m²  |
| CORR               | 7 m²  |
| BED 3              | 11 m² |
| LIVING/KIT./DINING | 35 m² |
| BATH               | 5 m²  |
| WC                 | 2 m²  |
| ENS                | 4 m²  |
| WIR                | 2 m²  |
| STORE              | 1 m²  |

UNIT AREA - 111.78SQ.M. (INC. EXTERNAL WALL)

| EG      | 5° FALL | ၁၁ |
|---------|---------|----|
| DPØ90 k |         |    |
| DPØ90 k |         |    |
|         | CC      |    |

2 ROOF
DA04 Scale 1:100

| ISSUE | REVISION     | DRN | CHK /<br>APP | DATE       |
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| 1     | FOR APPROVAL | DA  | DA           | 13/12/2024 |
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MinD.

DESIGNER 設計師 PHONE 電話 EMAIL 電郵 WEBSITE 網站 DAVID WAI HO AU 0410595465 DAVID@MINDARCHITECTS.COM.AU MINDARCHITECTS.COM.AU

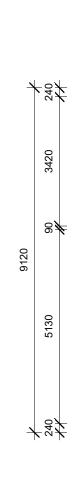
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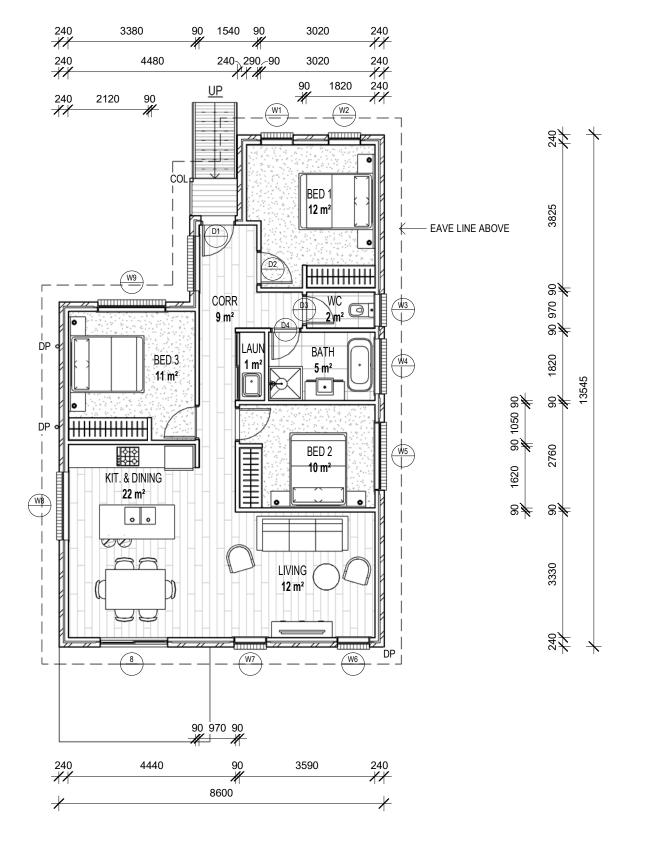
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PROJECT ADDRESS:
72 ELDERSLIE ROAD, BRIGHTON
CLIENT:
HOLD WEALTH PTY LTD

PROJECT:
PROPOSED 13 UNITS DEVELOPMENT
PROJECT ADDRESS:
72 ELDERSLIE ROAD, BRIGHTON
PROJECT NO::
1918

SCALE: 1:100@ A3 DRAWING No.:





| ROOM SCHED | ULE  |
|------------|------|
| Name       | Area |
|            |      |

| CORR          | 9 m <sup>2</sup>  |
|---------------|-------------------|
| KIT. & DINING | 22 m²             |
| LAUN          | 1 m <sup>2</sup>  |
| WC            | 2 m <sup>2</sup>  |
| BATH          | 5 m²              |
| BED 1         | 12 m <sup>2</sup> |
| BED 2         | 10 m <sup>2</sup> |
| BED 3         | 11 m <sup>2</sup> |
| LIVING        | 12 m²             |
|               |                   |

UNIT AREA - 98.45SQ.M. (INC. EXTERNAL WALL)

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DA13

**GROUND** 

/ Scale 1 : 100

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- NOTIFY THE ARCHITECT MIMEDIATELY OF ANY DISCREPANCY FOUND HEREIN.

PROPOSED 13 UNITS DEVELOPMENT PLAN\_UNIT 7 & 13\_TYPE B

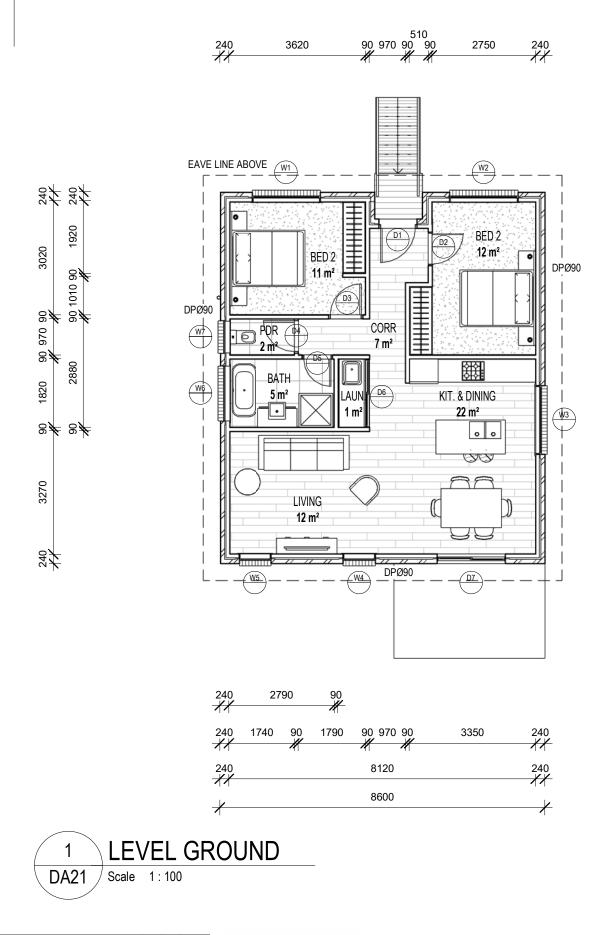
PROJECT ADDRESS: 72 ELDERSLIE ROAD, BRIGHTON

HOLD WEALTH PTY LTD

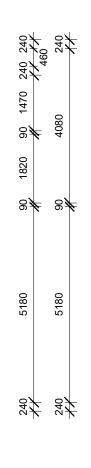
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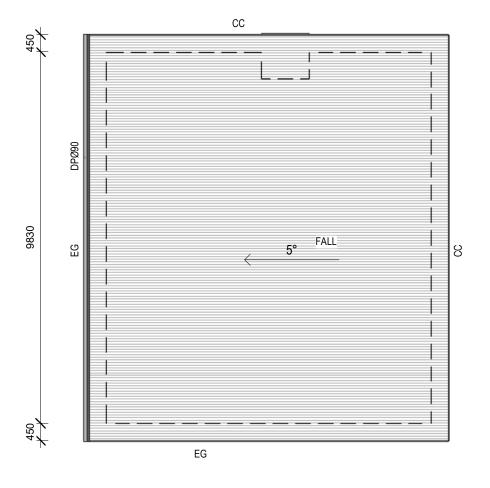
1918

SCALE: 1:100@ DRAWING No.: A100



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| ROOM SCHEDULE |      |  |
|---------------|------|--|
| Name          | Area |  |

| CORR          | 7 m²  |
|---------------|-------|
| KIT. & DINING | 22 m² |
| PDR           | 2 m²  |
| BED 2         | 12 m² |
| BED 2         | 11 m² |
| LIVING        | 12 m² |
| LAUN.         | 1 m²  |
| BATH          | 5 m²  |

**ROOF** DA21 / Scale 1:100

| CORR          | $7 \text{ m}^2$   |
|---------------|-------------------|
| KIT. & DINING | 22 m²             |
| PDR           | 2 m²              |
| BED 2         | 12 m <sup>2</sup> |
| BED 2         | 11 m <sup>2</sup> |
| LIVING        | 12 m <sup>2</sup> |
| LAUN.         | 1 m²              |
| BATH          | 5 m <sup>2</sup>  |
|               |                   |

UNIT AREA - 83.66SQ.M. (INC. EXTERNAL WALL)

|   | REVISION     | DRN | CHK /<br>APP | DATE       |  |
|---|--------------|-----|--------------|------------|--|
|   | FOR APPROVAL | DA  | DA           | 13/12/2024 |  |
|   |              |     |              |            |  |
| _ |              |     |              |            | MIINIJ.                                    |
| _ |              |     |              |            | ARCHITECTS                                 |
| _ |              |     |              |            | AKOIIIIEOIS                                |
| _ |              |     | _            |            |  |
| _ |              |     | _            |            | PHONE 電話 0410595465                        |
| _ |              |     | _            |            | FILAN (FET) DAVID CHINDAD CHITECTO COM AND |
| _ |              |     |              |            | EMAIL 電郵 DAVID@MINDARCHITECTS.COM.AU       |

REASON FOR ISSUE DEVELOPMENT APPROVAL

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PROJECT: DRAWING TITLE: PROPOSED 13 UNITS DEVELOPMENT PLAN\_UNIT 8-12\_TYPE C PROJECT ADDRESS: 72 ELDERSLIE ROAD, BRIGHTON HOLD WEALTH PTY LTD

PROJECT NO.: 1918

SCALE: 1:100@ DRAWING No.: A150

# Stormwater Calculations



# Report for **Hobart**

# **Project Details**

Date report printed: 13/04/2025

| Project Name                                   | 72 Elderslie road  |      |  |
|--|--|------|--|
| InSite User Email                              | david@mindarchitects.com.au                                |      |  |
| Web files link                                 |  |      |  |
| Site Area (m2)                                 | 4233 Project ID  | 4682 |  |
| Planning number                                | Planning   |      |  |
| Development type                               | Multi dwelling (dual occupancy, townhouse, villar unit etc | ·)   |  |
| Existing site details Undeveloped (greenfield) |  |      |  |
| Street address                                 | 72 Elderslie Road, Brighton TAS, Australia                 |      |  |

# Results

|                                       | i   | i                                      | i                       |
|---------------------------------------|---|--|-------------------------|
| VOLUME                                | FLOW  | QUALITY                                | EFFICIENCY              |
| Objective: Reduce annual              | Objective: Control peak                               | Objective: Improve                     | Objective: Increase     |
| average runoff volume by              | discharge flow (litres per                            | stormwater runoff water                | drought resilience      |
| harvesting or infiltrating stormwater | second) with adequate on site detention               | quality<br>(Equivalent to STORM        |                         |
| Stormwater                            | Site deterition                                       | score)                                 |                         |
| Target: No increase in pre-           | Target: less than or equal                            | Target: Achieve a score of             | Target: Achieve greater |
| development annual                    | to zero. If greater than                              | 100 or more                            | than 25% potable water  |
| average runoff volume                 | zero this is the additional                           | This corresponds to a 45%              | use reduction           |
| (Up to a 10% increase is              | Site Storage Requirement                              | reduction in nitrogen                  |                         |
| allowed to account for uncertainties) | (SSR) volume required                                 | runoff                                 |                         |
| VOLUME RESULT                         | FLOW RESULT   | QUALITY RESULT                         | EFFICIENCY RESULT       |
| 261.4                                 | 0.0   | 0                                      | 9.5                     |
| % change in annual average volume     | m <sup>3</sup> of additional site<br>storage required | Pollution reduction score (out of 100) | % water saving          |
| VOLUME FATIC                          | EL OVAL DA CCEC                                       |  | EFFICIENCY FAIL C       |

VOLUME FAILS FLOW PASSES

QUALITY FAILS

**EFFICIENCY FAILS** 

### **Design Criteria**

The items on this page must be reflected on other project plans, specifications and engineering drawings. The development must be designed and constructed in accordance with the following:

### **Rainwater Tank Specifications**

| Total rainwater tank volume (L)                              | 26000                    |                               | *This is the rainwater tank volume retention + detention                        |
|--|--------------------------|-------------------------------|---|
| Total rainwater retention* tank volume (L)                   | 0                        |                               | *This is the rainwater tank volume<br>that is available for reuse               |
| Total rainwater detention* tank volume (L)                   | 26000                    |                               | nis is the rainwater tank volume that is served for slow release to stormwater  |
| Roof connected to rainwater tank (m²)                        | 1544.0                   |                               |   |
|  |                          |                               |   |
| Rainwater tanks connected to                                 | Toilet , Laundry , Irrig | gation                        |   |
| Other rainwater tank end uses (L/day)                        |                          | Irrigated Garden<br>Area (m²) | 50  |
| % building rainwater end uses connected (to rainwater tanks) | 100                      | First Flush<br>Device?        | 0   |
| Additional* Site Storage (L)                                 | 2520                     |                               | ge added adjacent to the legal point of k flow detention or volume infiltration |
| Recycled water source (Yes/No)                               |                          |                               |   |
| Water tank reliability %                                     | 0.0                      |                               |   |
| Rainwater tank overflow %                                    | 100.0                    |                               | 25%, then 30% of the tank's retention   |

### **Water Efficiency Specifications**

| Basin WELS star rating           | > 4 Star WELS rating                                 |
|----------------------------------|--|
| Toilet WELS rating               | > 4 Star WELS rating                                 |
| Bath WELS star rating            | Default or unrated                                   |
| Washing Machine WELS star rating | Default or unrated                                   |
| Kitchen Taps WELS rating         | > 4 Star WELS rating                                 |
| Urinal WELS rating               | Not Applicable                                       |
| Shower WELS star rating          | 3 Star WELS (> 7.5 but <= 9.0) (minimum requirement) |
| Dishwasher WELS star rating      | > 3 Star WELS rating                                 |

2520 litres of additional Site Storage Requirement (SSR) (in addition to the combined rainwater / detention tanks) which is provided by 2520 litres of additional site storage adjacent to the legal point of discharge.

### Stormwater management measures selected are

This includes all impervious areas in the site connected to Council or Stormwater Authority drains. This excludes pervious areas like garden, gravel, and lawn areas)

<sup>•1344</sup>m<sup>2</sup> of Driveway

<sup>•</sup>For the 1544m<sup>2</sup> roof area, Raintank Volume = 26000 litres connected to 1544m<sup>2</sup> of roof, additional water tank based detention volume = 26000 litres. Total tank volume (retention + detention volumes) = 26000.0 litres

# **Building Occupancy Calculations**

# **Building Spaces**

•1285.88m<sup>2</sup> of Individual dwellings - BCA Class 1a with an average occupancy of 25.7 people

Estimated Total Building Occupancy 25.7

# **Stormwater VOLUME Calculations**

| Site Area (m²)                              | 4233   |
|---|--------|
| Post development total impervious area (m2) | 2888.0 |
| Rainwater Tank Overflow (kL/annum)          | 869.9  |
| Pre-development Volume (kL/annum)           | 429.3  |
| Post-development Volume (kL/annum)          | 1551.4 |
| Change in volume %                          | 261.4  |

# **Stormwater QUALITY Calculations**

| Rainwater Tank Runoff reduction (%)             | 0.0 |
|---|-----|
| Rainwater Tank(s) Total Nitrogen (TN) reduction | 0.0 |
| Total Nitrogen (TN) % reduction                 | 0.0 |
| Equivalent STORM Score                          | 0   |

## Water EFFICIENCY Calculations

| Benchmark water use (kL/year)                             | 2241.9                           |
|---|----------------------------------|
| Predicted potable water use (kL/year)                     | 2029.0                           |
| Predicted potable water use (L/person/day)                | 216.3                            |
| Water savings from tank (kL/year)                         | 0.0                              |
| Water saving from efficiency (kL/year)                    | 212.90                           |
| Total water saving % (efficiency + tank + recycled water) | 9.5 Water saving (kL/year) 212.9 |

# Stormwater FLOW Calculations - Swinburne Method

This section outlines rational method calculations for On Site Detention (OSD) and Site Storage Requirements (SSR)

# Permissible Site Discharge (PSD) Calculations

| Calculated PSD   | 15.4   |
|--|--|
| PSD Override Value Used  |  |
| Site Storage Calculations  | Climate Change Uplift Factor 16.3%   |
| Preliminary On Site Detention (OSD) tank size required estimate (m³)                           | 28.52 Swinburne Method Pipe formula  |
| OSD and storages* provided (m³)  | 28.5 Includes storages: rainwater tank retention allowance, rainwater tank detention, and additional added storage volumes |
| Additional detention / retention volume required (m³)  | 0.0  |
| Base case (pre-development) fraction impervious (ratio)  | 0.20   |
| Base case runoff coefficient   | 0.21   |
| Post development total impervious area (in hectares)   | 0.2888   |
| Post development fraction impervious (ratio)   | 0.68   |
| Post development runoff coefficient  | 0.625  |
| Pre-development design storm   | 5% AEP (~1 in 20 ARI) - default industrial   |
| Post development detention required  | 5% AEP (~1 in 20 ARI) - default industrial   |
| Critical Storm Duration - the<br>Catchment time of concentration –<br>Tc(catchment) in minutes | 10   |
| Rainfall Depth (mm) for Critical Storm<br>Duration - Tc(catchment)                             | 7.25   |
| Rainfall intensity - i at Tc(catchment) (mm/h)   | 43.500   |
| Travel time from discharge point to catchment outlet (min) - Tcs                               | 10.0   |
| Rainfall Depth (mm) for Tcs - (IFD at Tcs)   | 8.98   |
| Rainfall intensity - i at tc(site) (mm/h)  | 53.88  |

OSD tank flow restrictor orifice diameter = 86 mm

## Detention Calculator - Site Storage Requirement (SSR)

| Storm Duration (mins) | Rainfall Depth<br>(mm) | Stored Volume<br>(m³) |
|-----------------------|------------------------|-----------------------|
| 5                     |                        |                       |
| 7.5                   |                        |                       |
| 10                    |                        |                       |
| 12.5                  |                        |                       |
| 15                    |                        |                       |
| 20                    |                        |                       |
| 30                    |                        |                       |
| 40                    |                        |                       |
| 60                    |                        |                       |

#### **About In-Site Water**

This report is generated by user inputs from the toolkit at InSite Water. In-Site water is an online Integrated Water Management tool designed for use on smaller sites (less than 2 hectares) in Australia that need quick and accurate stormwater engineering answers. InSite water is simple to use but provides robust stormwater design and engineering answers.

This report includes outputs from the InSite tool that has investigated:

- water tank sizing
- detention tank sizing
- water savings through efficiency
- water WSUD treatments such as raingardens

For enquiries, contact us through www.insitewater.com.au

#### Disclaimer

This guide is of a general nature only. Advice from a suitably qualified professional should be sought for your particular circumstances. Depending on each unique situation, there may be occasions where compliance is not achieved.

This report does not provide a detailed design and layout for the piping and general drainage system in your development, which should be prepared by a suitably qualified professional. In addition, InSite Water does not consider compliance for slope stability or foundation / slab / footing protection, which needs to come from a qualified geotechnical or structural engineer.

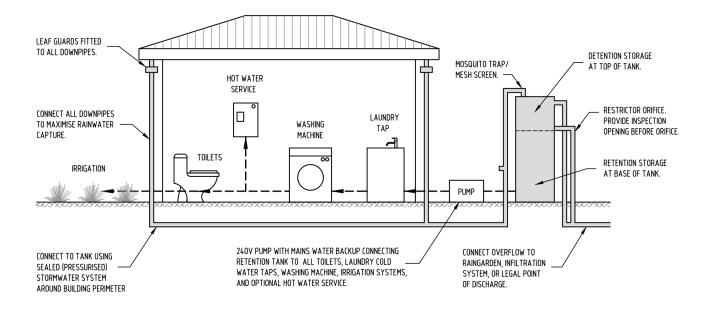
The following is outside the scope of InSite Water, however it is critical that all designers consider the following in drainage design and in using Water Sensitive Urban Design (WSUD) devices and approaches:

- Manage expectations and risks around occasional surface water and ponding.
- Ensure that uncontrolled stormwater does not flow over property boundaries or otherwise cause a nuisance.
- Plan for major flood pathways locate buildings away from, adapt (raise floors above predicted flood levels)
  and defend buildings against potential major flooding.
- Seek professional advice to reduce damage and safety risks.
- Design for local conditions such as vegetation, topography and soils (soil type, reactivity, permeability, water table level, salinity, dispersiveness, acid sulphate soils, contaminated land etc).
- Ensure that soil moisture and building clearance is considered in areas of reactive clays or where varying soil moisture levels could damage buildings or other infrastructure.
- For steeper sites, ensure the design includes geotechnical considerations such as slope stability with varying soil saturation levels.
- Ensure that a Stormwater Risk Assessment and Environmental Management Plan is undertaken for sites that pose a pollution risk.
- Ensure that a Construction Environmental Management Plan (CEMP) is implemented to control sediments and reduce stormwater pollution during construction.
- Compliance with ARR 2019, Australian Rainfall and Runoff: A Guide to Flood Estimation <a href="http://arr.ga.gov.au/">http://arr.ga.gov.au/</a>
- Compliance with NCC plumbing and building standards.
- Compliance with AS/NZS 3500.
- Compliance with EPA and other environmental regulations.
- Compliance with other relevant Australian Standards, regulations and Council requirements.

#### Legal Disclaimer

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### Appendix A: attach further details for this project (if applicable):

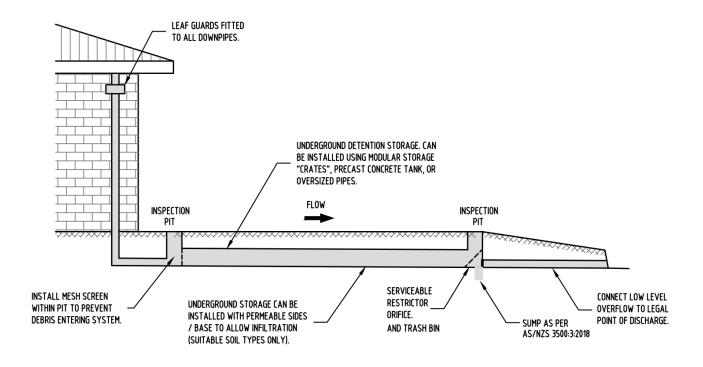


#### RETENTION TANK RETICULATION DETAIL

N.T.S

NOTE: THE DESIGN AND INSTALLATION OF ALL STORMWATER SYSTEMS SHALL COMPLY WITH AS/NZS 3500.3:2018 "STORMWATER DRAINAGE".

Above: treatment drawing (draft for planning approvals only: not for construction, not to scale)

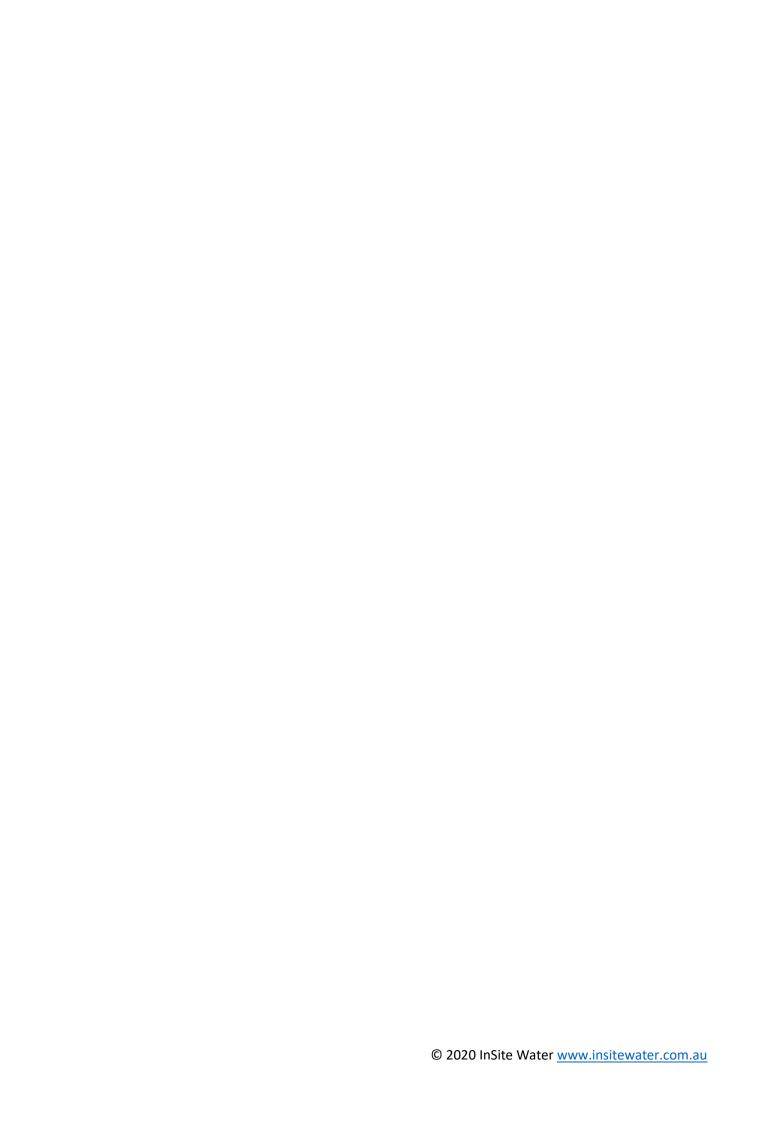


### UNDERGROUND DETENTION SYSTEM

N.T.S.

NOTE: THE DESIGN AND INSTALLATION OF ALL STORMWATER SYSTEMS SHALL COMPLY WITH AS/NZS 3500.3:2018 "STORMWATER DRAINAGE".

Above: treatment drawing (draft for planning approvals only: not for construction, not to scale)





# **Amended Submission to Planning Authority**Notice

#### **Application details**

Council Planning Permit No. DA 2024/237

Council notice date 19/12/2024

TasWater Reference No. TWDA 2024/01477-BTN

Date of response 10/01/2025

Date amended 28/02/2025

TasWater Contact Al Cole

Phone No. 0439605108

Response issued to

Council name BRIGHTON COUNCIL

Contact details development@brighton.tas.gov.au

Development details

Address 72 ELDERSLIE RD, BRIGHTON

Property ID (PID) 9768097

Description of development Multiple Dwellings x 13

Schedule of drawings/documents

| Prepared by | Drawing/document No. | Revision No. | Issue date |
|-------------|----------------------|--------------|------------|
| MinD        | Site Plan            | 2            | 22/02/2025 |

#### **Conditions**

Pursuant to the *Water and Sewerage Industry Act* 2008 (TAS) Section 56P(1) TasWater imposes the following conditions on the permit for this application:

#### **CONNECTIONS, METERING & BACKFLOW**

 A suitably sized water supply with metered connections and sewerage system and connections to the development must be designed and constructed to TasWater's satisfaction and be in accordance with any other conditions in this permit.

**Advice**: TasWater will not accept direct fire boosting from the network unless it can be demonstrated that the periodic testing of the system will not have a significant negative



effect on our network and the minimum service requirements of other customers serviced by the network. To this end break tanks may be required with the rate of flow into the break tank controlled so that peak flows to fill the tank do not also cause negative effect on the network.

2. Any removal/supply and installation of water meters and/or the removal of redundant and/or installation of new and modified property service connections must be carried out by TasWater at the developer's cost.

**Advice:** The sewer property connection will need to be upsized to minimum DN150 in accordance with MRWA-S-Table 104A

3. Prior to commencing construction/use of the development, any water connection utilised for construction/the development must have a backflow prevention device and water meter installed, to the satisfaction of TasWater.

#### **DEVELOPER CHARGES**

- 4. Prior to TasWater issuing a Certificate(s) for Certifiable Work (Building) and/or (Plumbing), the applicant or landowner as the case may be, must pay a developer charge totalling \$14,758.80 to TasWater for water infrastructure for 8.4 additional Equivalent Tenements, indexed by the Consumer Price Index All groups (Hobart) from the date of this Submission to Planning Authority Notice until the date it is paid to TasWater.
- 5. Prior to TasWater issuing Certificate(s) for Certifiable Work (Building) and/or (Plumbing), the applicant or landowner as the case may be, must pay a developer charge totalling \$18,887.75 to TasWater for sewerage treatment infrastructure for 10.75 additional Equivalent Tenements, indexed by the Consumer Price Index All groups (Hobart) from the date of this Submission to Planning Authority Notice until the date it is paid to TasWater.
- 6. In the event Council approves a staging plan, prior to TasWater issuing a Certificate(s) for Certifiable Work (Building) and/or (Plumbing) for each stage, the developer must pay the developer charges commensurate with the number of Equivalent Tenements in each stage, as approved by Council.

#### **DEVELOPMENT ASSESSMENT FEES**

7. The applicant or landowner as the case may be, must pay a development assessment fee of \$775.39 to TasWater, as approved by the Economic Regulator and the fee will be indexed, until the date paid to TasWater.

#### The payment is required within 30 days of the issue of an invoice by TasWater.

In the event Council approves a staging plan, a Consent to Register a Legal Document fee for each stage, must be paid commensurate with the number of Equivalent Tenements in each stage, as approved by Council.

#### Advice

#### General

For information on TasWater development standards, please visit <a href="https://www.taswater.com.au/building-and-development/technical-standards">https://www.taswater.com.au/building-and-development/technical-standards</a>
For application forms please visit <a href="https://www.taswater.com.au/building-and-development/development-application-form">https://www.taswater.com.au/building-and-development/development-application-form</a>

#### **Developer Charges**



For information on Developer Charges please visit the following webpage – <a href="https://www.taswater.com.au/building-and-development/developer-charges">https://www.taswater.com.au/building-and-development/developer-charges</a>

#### **Water Submetering**

As of July 1 2022, TasWater's Sub-Metering Policy no longer permits TasWater sub-meters to be installed for new developments. Please ensure plans submitted with the application for Certificate(s) for Certifiable Work (Building and/or Plumbing) reflect this. For clarity, TasWater does not object to private sub-metering arrangements. Further information is available on our website (<a href="www.taswater.com.au">www.taswater.com.au</a>) within our Sub-Metering Policy and Water Metering Guidelines.

#### **Service Locations**

Please note that the developer is responsible for arranging to locate the existing TasWater infrastructure and clearly showing it on the drawings. Existing TasWater infrastructure may be located by a surveyor and/or a private contractor engaged at the developers cost to locate the infrastructure.

- (a) A permit is required to work within TasWater's easements or in the vicinity of its infrastructure. Further information can be obtained from TasWater.
- (b) TasWater has listed a number of service providers who can provide asset detection and location services should you require it. Visit <a href="https://www.taswater.com.au/building-and-development/service-locations">https://www.taswater.com.au/building-and-development/service-locations</a> for a list of companies.
- (c) Sewer drainage plans or Inspection Openings (IO) for residential properties are available from your local council.

#### Advice to Planning Authority (Council) and developer on fire coverage

TasWater cannot provide a supply of water for the purposes of firefighting to the entirety of the lot on the plan.

#### **Declaration**

The drawings/documents and conditions stated above constitute TasWater's Submission to Planning Authority Notice.