





27 February 2024 **Our Ref:** 23-1045 **Your Ref:** MCUC 2023 5563

Chief Executive Officer

Douglas Shire Council PO Box 723 MOSSMAN QLD 4873

Attention: Daniel Lamond (daniel.lamond@douglas.qld.gov.au)

Dear Daniel,

RE: RESPONSE TO COUNCIL'S INFORMATION REQUEST ASSOCIATED WITH A MATERIAL CHANGE OF USE (DWELLING HOUSE) AT 12 MURPHY STREET PORT DOUGLAS.

I INTRODUCTION

We refer to the above matter and confirm that Urban Sync Pty Ltd ('Urban Sync') continues to provide support and development advisory servcies to KP Cullen & NG Biddle (the 'Applicant') in respect of this project. This submission seeks to address Douglas Shire Council's (Council) Information Request issued on 1 February 2024.

In support of this correspondence, we attach the following documents to assist with Council's assessment:

- Updated Plans (Rev 'l' 8/02/2024) of Development by 'Balay Vandyke Designs' as Attachment 1;
- Supplementary Engineering Information (Aplin Consulting) as Attachment 2;

Revised plans are submitted to specifically address access setback arrangements for landscaping, earthworks in proximity to boundaries and the suitability of the project in meeting Council's planning assessment.

The applicant and the project team remain confident that the revised design works, and additional technical information will result in a suitable outcome and will not contribute to any significant and unreasonable development impacts that would prescribe a refusal and thereby prevent this approval being issued.

Urban Sync confirm that in accordance with Part 3, s13.2(a) of the Development Assessment Rules give effect under s68(1) of the *Planning Act 2016*, the below outlines a response to <u>all</u> the information requested by Council in their Information Request dated 27 September 2023.

2 RESPONSE TO INFORMATION REQUEST ITEMS

Side Boundary Setbacks

1. The proposed two (2) metre side boundary setback to the walls is considered to fall short of compliance with the Environmental Management Zone Code. Provide amended plans consistent with the side boundary setbacks previously approved for the site.

Applicants Response:

The applicant along with the design team at Balay Vandyke Design and Prime Constructions have reviewed the previously approved development and the design outcomes that were established via that assessment and approvals. The setbacks arrangements are still complimentary to the design and provide for:

- 3.0 metres to the rear boundary.
- 3.0 metres increased to the southern boundary.
- 2.182 for the pool & retaining feature (+1.1m) for the building setback to the northern boundary.

While there is generally acceptance that setbacks provide for separation between landuses and building, privacy for residents and maintain some view-lines and provide for visual amenity, there is very little prospect of there being a building on the adjoining property to the north which is a reserve and not likely to ever be subject of development assessment.

The applicant and the project team remain confident that this design recognises this and seeks to maintain that philosophy for the submitted overall building and provides a suitable level of separation to this boundary. We ask Council Officers to review this overall approach in context with the land, the outcomes sought for the Environmental Management Zone 'outcomes' and support the plans included as **Attachment 1**.

Allotment Access

- 2. Confirm the proposed width of the sealed access within the Murphy Street Road reserve. Officers note a 2.6m wide access is proposed on Balay Vandyke Drawing 7 of 14 (Site Plan Revision F) for the frontage of the subject site. The application material does not demonstrate how access will be provided to Murphy Street sealed road formation. This lower section services 10, 12 and 14 Murphy Street. Concern is raised regarding the ability for vehicles using the shared access to safely pass one another at low speed without departing from the road. Reference is made to Complete Streets Table 6-2 for minimum widths for passing vehicles.
- 3. Clarify the proposed width of the sealed driveway internal to the development site. Officers note a 4m wide driveway is nominated on Balay Vandyke Drawing 7 of 14 (Site Plan Revision F), however, the width shown on this drawing is scaled at approximately 2.6m.

Applicants Response:

Council's assessment seeks additional technical information around allotment access, and this is resolved in the submitted Engineering Plans (Applin Consulting Engineers). In particular, the shared driveway is intended to have a nominal width of 4.5metre which is considered suitable for this low-speed environment and the internal access driveway width is intended to be 3.5 metres for private vehicle access.

Please Refer directly to **Attachment 2** for plans and Engineering Commentary.

Retaining Walls & Earthworks

4. Concern is raised regarding the requirement for a 1.8m retaining wall proposed in the Murphy Street Road reserve shown on Balay Vandyke Drawing 7 of 14 (Site Plan- Revision F). Note, the proposed retaining wall also appears to be located near the top of an existing steep batter which may have stability implications for the road reserve. Note that a retaining wall in road reserve of this height is considered to be an unacceptable solution.

Clarify the justification for raising the level of the shared access external to the site within the Murphy Street Road reserve. Options to minimise the level change in Murphy Street are to be considered.

Provide a cross section through the proposed 1.8m retaining structure through to and including the Murphy Street Road formation.

Advice Note: The contour information shown on the Site Plan appears to indicate the extent of the design creates a large flat driveway section within the site (adjacent the garage). The absence of grade transition in this area appear to reduce the length MCUC2023_5563 Page 2 of 4 Doc ID: 1207948 available for the driveway grading and appears to dictate the level at the interface with the shared access at Murphy Street (to achieve the proposed 1 in 4 gradient).

Officers note that it appears if part of the footprint of the flat portion of the internal driveway was utilised to manage the level transition, this may minimise the level change (and fill required) in Murphy Street. This would lower the height of the proposed retaining wall.

Applicants Response:

Commentary provided in the submission by Applin Consulting (**Attachment 2**) reflects that the driveway design has been regraded slightly to negate the need for any retaining walls of structures to be in the Road Reserve (complying with DSC Items).

Please Refer directly to **Attachment 2** for plans and Engineering Commentary

5. Subject to the further advice provided in relation to Item 3 above, clarification is sought on the ownership and maintenance for any private infrastructure proposed in the Murphy Street Road reserve. Council is not supportive of additional asset obligations in its road reserve that benefit private access arrangements.

Applicants Response:

Commentary provided in the submission by Applin Consulting (**Attachment 2**) reflects that the driveway design has been regraded slightly to negate the need for any retaining walls of structures to be in the Road Reserve (complying with DSC Items).

Please Refer directly to **Attachment 2** for plans and Engineering Commentary

6. Provide further information in the form of longitudinal and cross sections indicating the cut and fill required to construct the shared access in Murphy Steet, and the internal driveway.

Please Refer directly to Attachment 2 for plans and Engineering Commentary

7. Confirm the maximum height of retaining structures proposed as part of this development.

Officers note the response provided as part of the Code Assessment for Performance Outcome 2 nominates a maximum height of 2.52m for retaining structures. Sections provided in the application appear to indicate higher retaining elements are proposed.

In particular, what treatment/s are proposed for the 3m high retaining walls shown on Balay Vandyke Drawing 7 of 14 (Site Plan - Revision F) along the western and northern extents of the dwelling house.

Please Refer directly to **Attachment 2** for plans and Engineering Commentary

8. Confirm the retaining wall treatment/s (type/s) proposed in the Murphy Street Road Reserve. Note the response to this item may be addressed or amended as a result of responding to earlier Information Request items.

Please Refer directly to **Attachment 2** for plans and Engineering Commentary

Vegetation Clearing

9. Clarify the extent of vegetation to be retained/cleared to enable construction of the driveway on the alignment proposed in the Murphy Street Road reserve. Significant trees are to be surveyed and shown on the civil works drawings. The response should also assess any additional clearing required for stability measures and foundations for any retaining wall elements proposed in the road reserve noting the presence of the steep downslope batter below the driveway.

Applicants Response:

The clearing required for shared access is to be minimised throughout the design and construction phase wherever practical. However, some areas will need to be cleared t provide for suitably safe and effective access. Site Survey works and previous environmental assessment works have identified the affected vegetation.

Refer to the previously submitted environmental assessment completed by RPS Group

Site Access & Service Connections

10. Confirm if the development proposes to adopt the site access and service connections (water, sewer, and stormwater) previously proposed in Murphy Street shown on Edge Consulting Drawing C301, C302, C601, and C701 (Revision P6) dated 30 May 2023. Provide a drawing/s showing the proposed access and services connections for the development site in Murphy Street.

Applicants Response:

Applin Consulting Engineers proposes to work closely with Council's engineering and follow to the previously approved Edge Consulting Engineers designs.

Please Refer directly to **Attachment 2** for plans and Engineering Commentary

3 CONCLUSION

Urban Sync are providing this submission on behalf of the Applicant and confirms it represents their response to <u>all</u> the matters raised by Council in their Information Request dated 22 November 2023. Should you require any additional information or wish to discuss this request in further detail, please do not hesitate to contact me.

Yours faithfully,

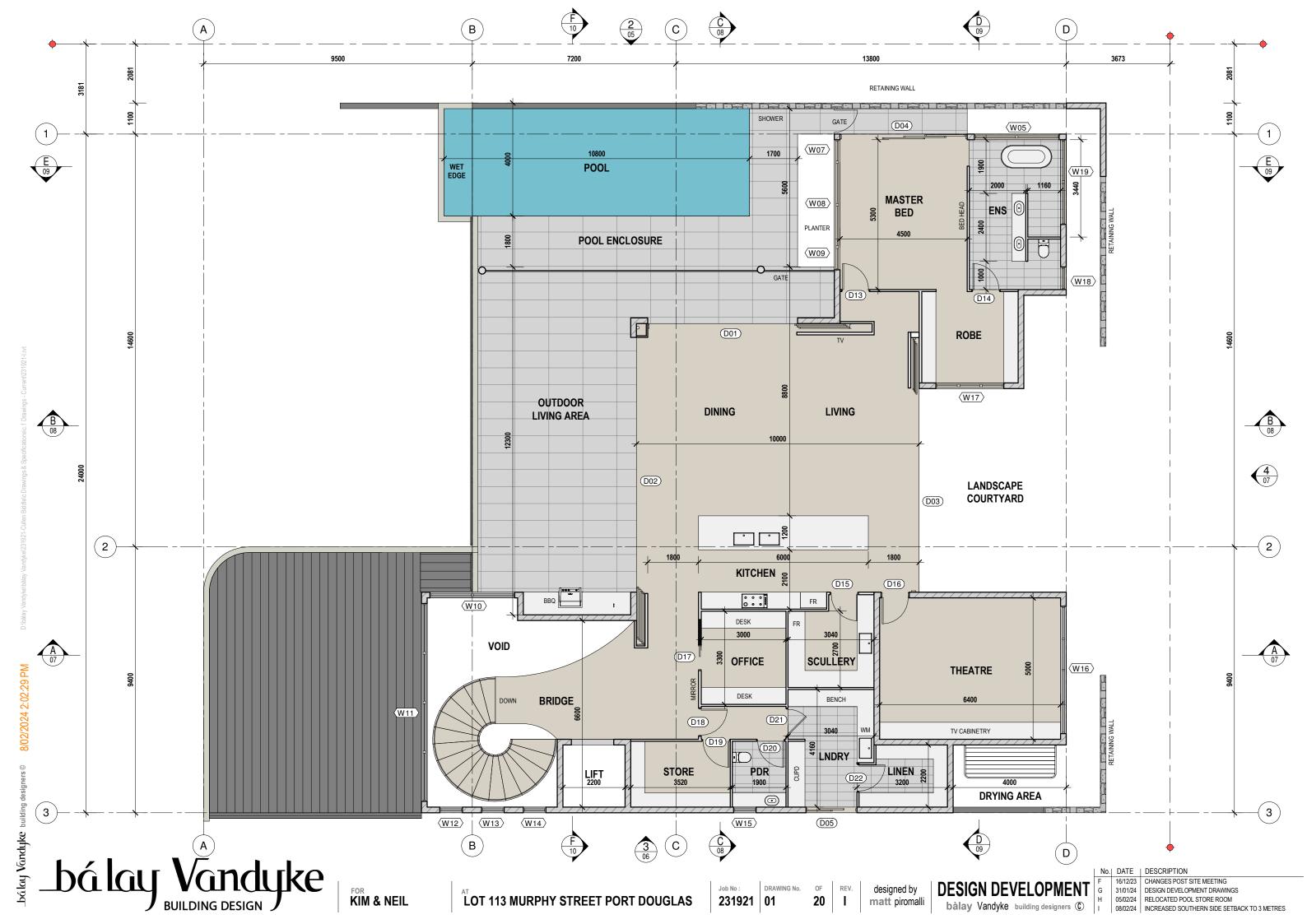
Stuart Ricketts.

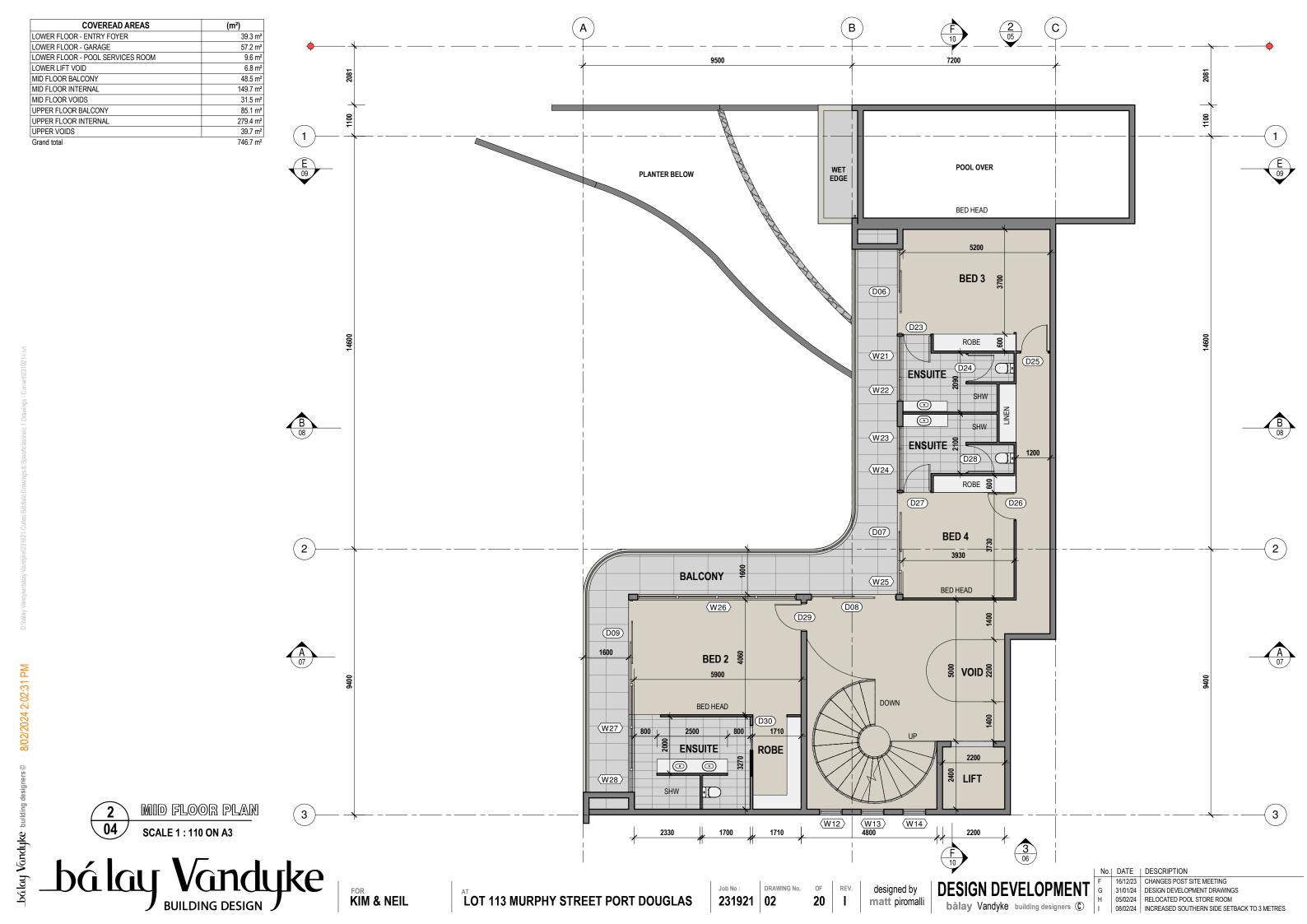
Director – Senior Planner.

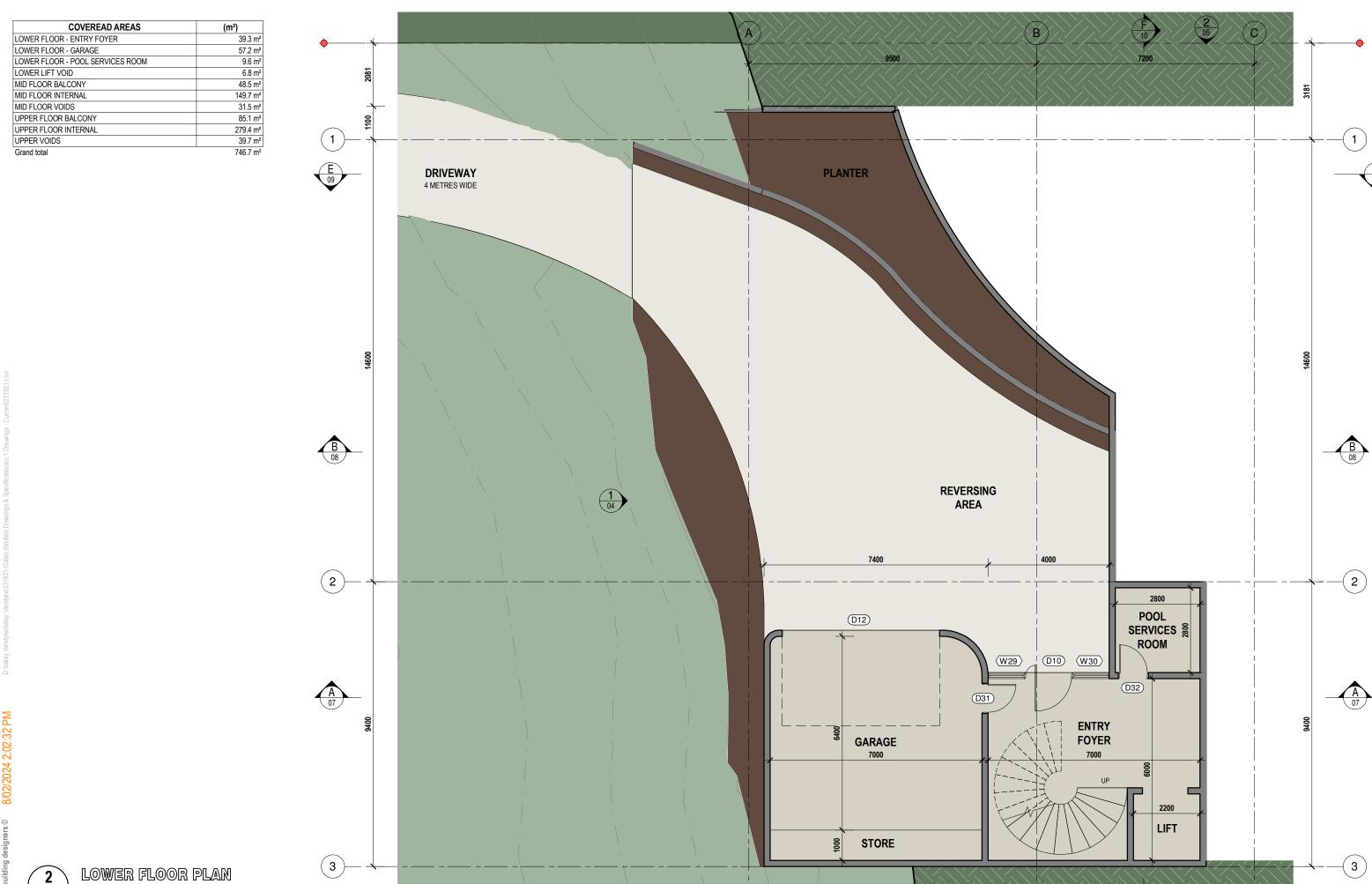
E stuart@urbansync.com.au | **T** (07) 4051 6946 | **M** 0418 985 935

ATTACHMENT 1

AMENDED PLANS (08/02/2024) – BALAY VANDYKE DESIGNS







Job No:

231921 03

LOT 113 MURPHY STREET PORT DOUGLAS

DRAWING No. OF

20

No.| DATE | DESCRIPTION

DESIGN DEVELOPMENT | G | 16/12/23 | CHANGES POST SITE MEETING | 31/01/24 | DESIGN DEVELOPMENT DRAWINGS | 05/02/24 | RELOCATED POOL STORE ROOM | 08/02/24 | INCREASED SOUTHERN SIDE SETBACK TO 3 METRES

designed by matt piromalli

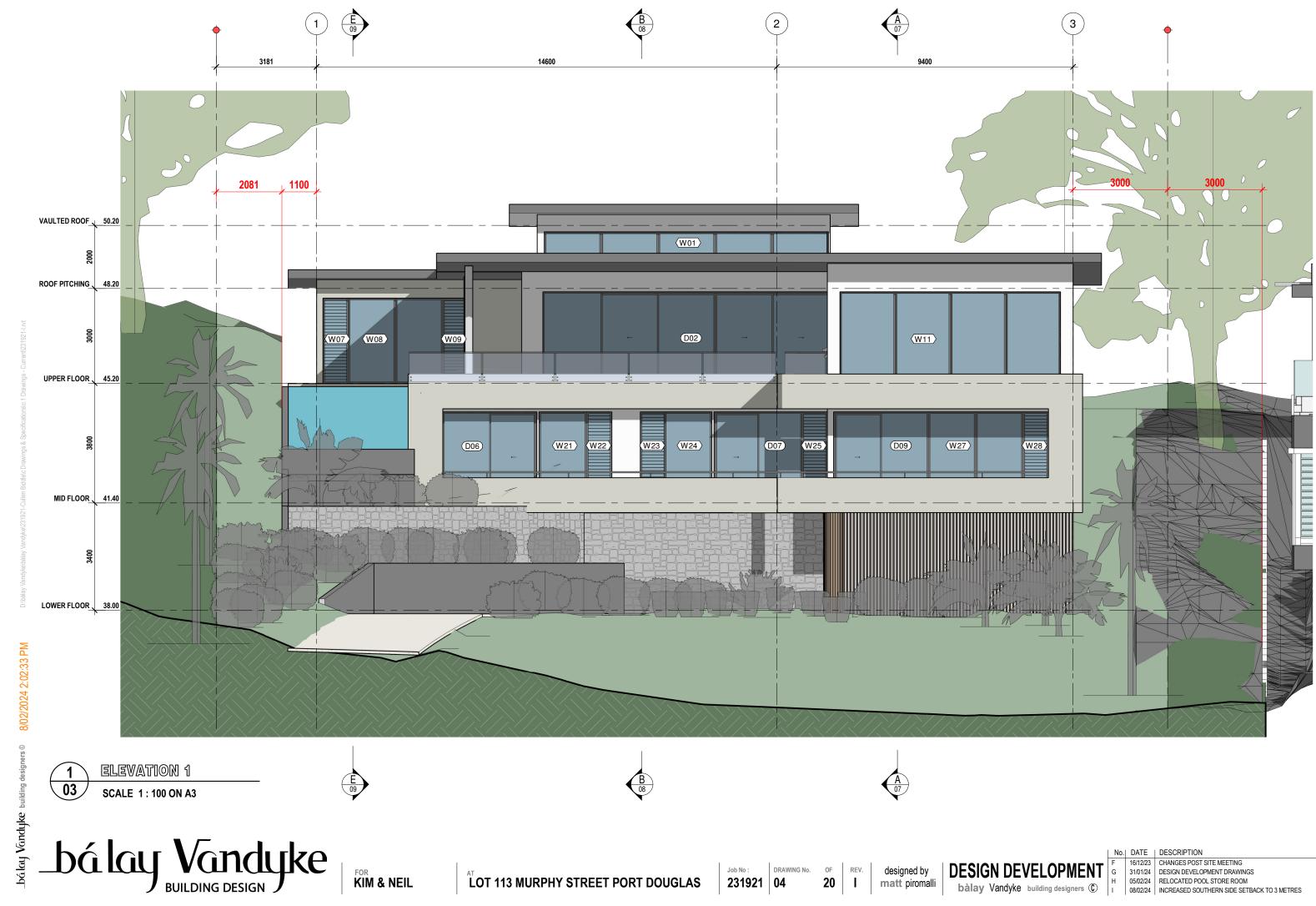
REV.

16/12/23 CHANGES POST SITE MEETING

SCALE 1 : 110 ON A3

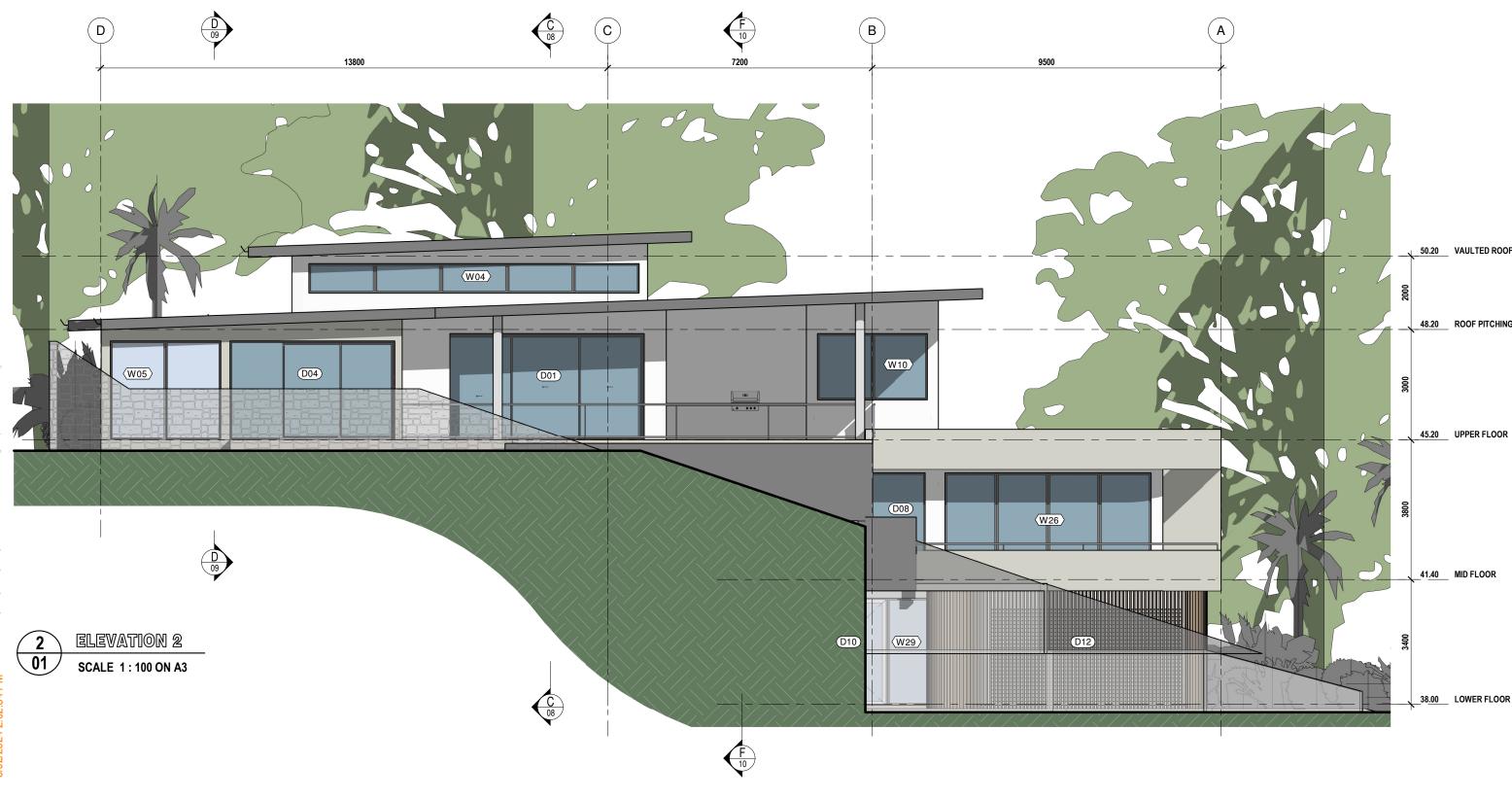
bálay Vandyke BUILDING DESIGN

FOR KIM & NEIL



LOT 113 MURPHY STREET PORT DOUGLAS

bàlay Vandyke building designers © | | 08/02/24 | INCREASED SOUTHERN SIDE SETBACK TO 3 METRES



bolod Lay Vandyke Building Design

231921 05

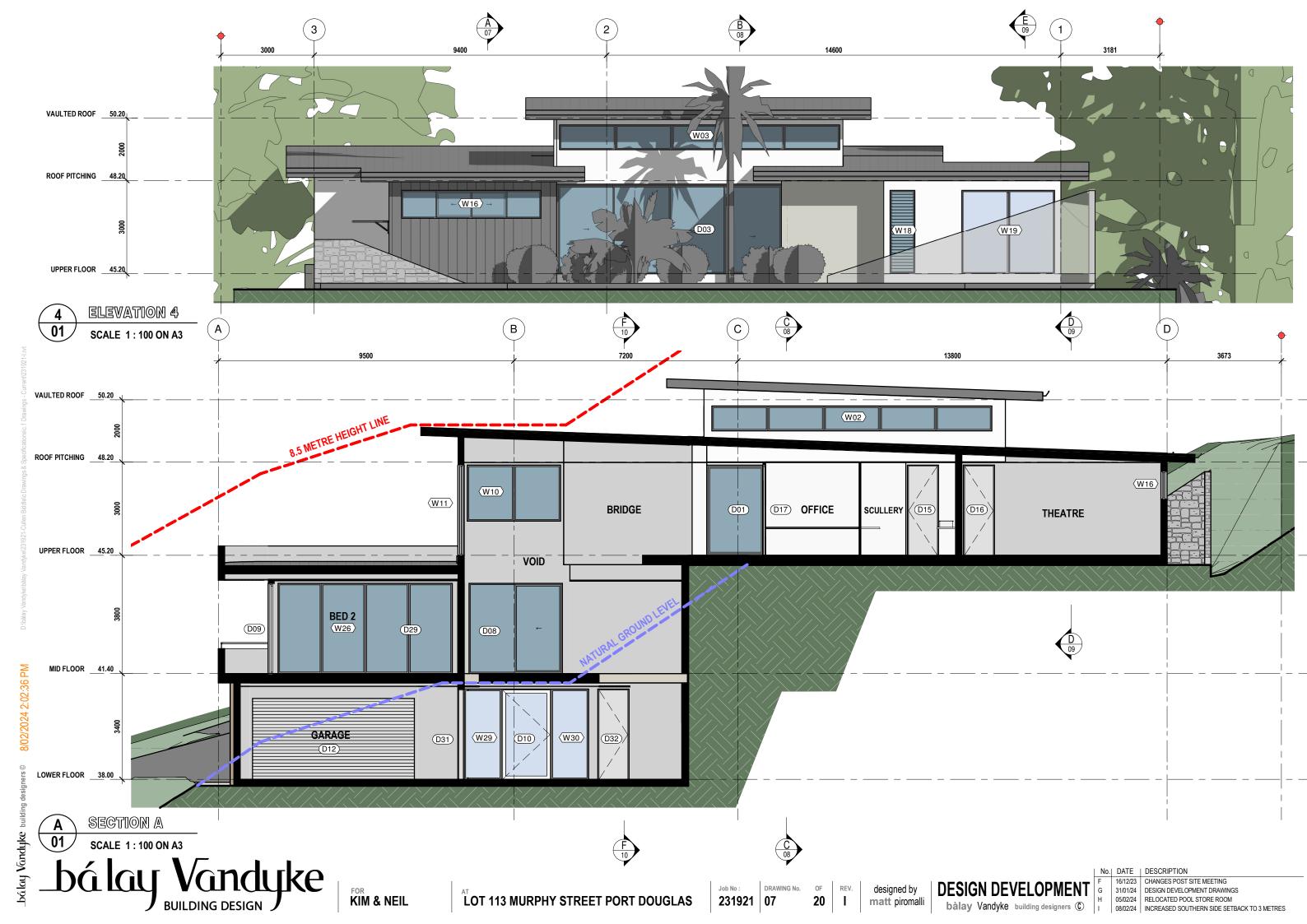
bàlay Vandyke building designers ©

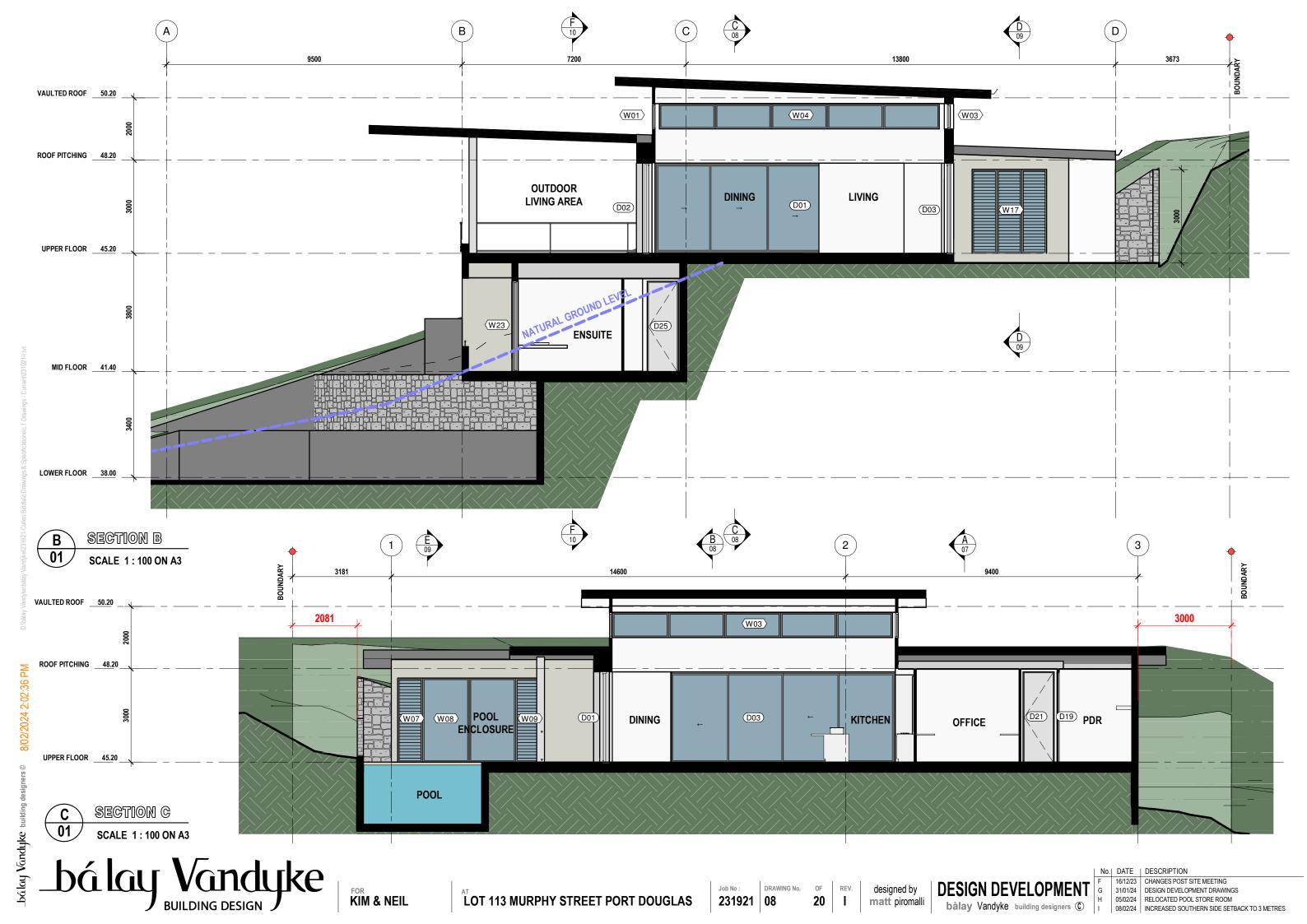


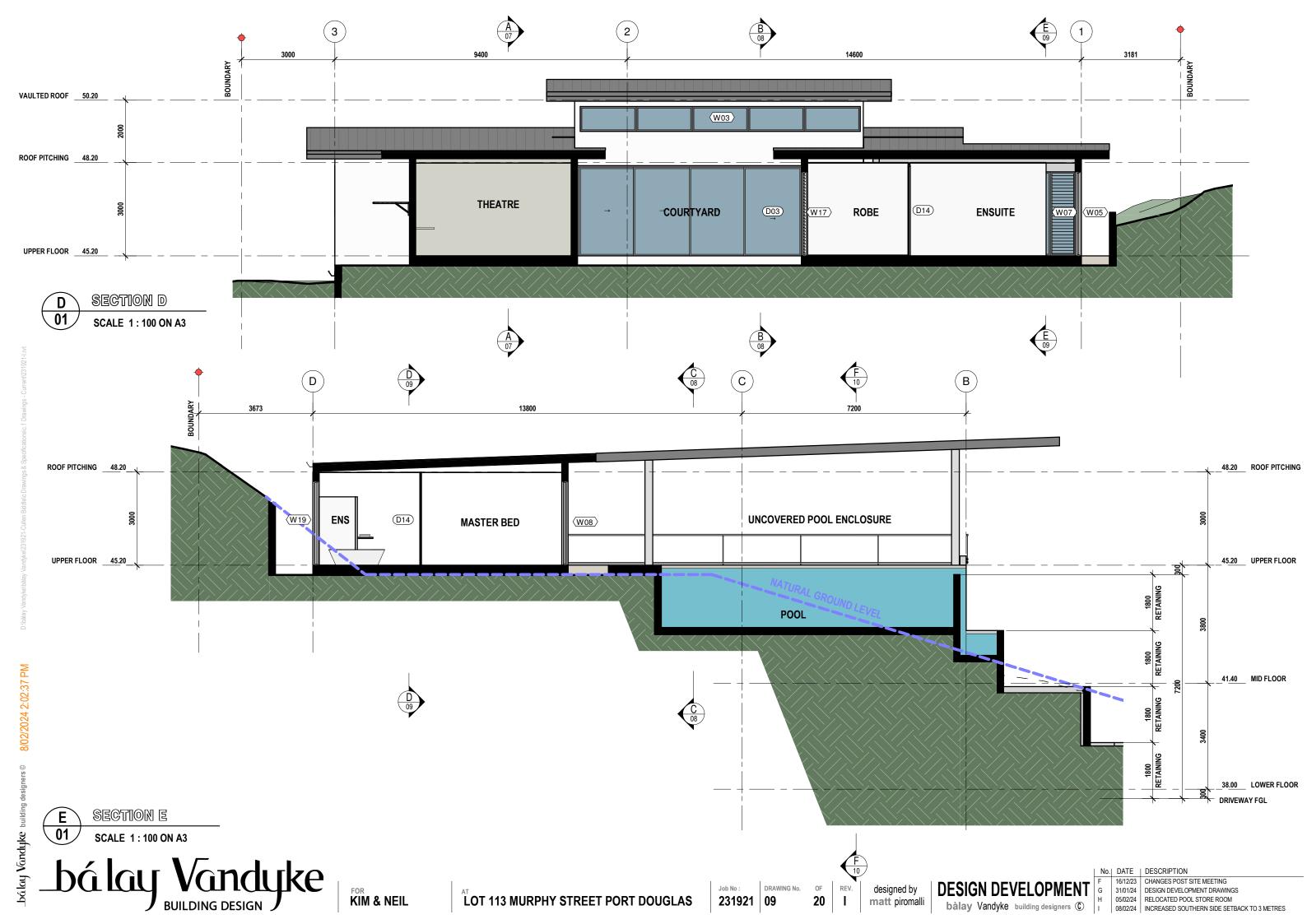


Job No : DRAWING No. OF 231921 06 20

No.| DATE | DESCRIPTION bàlay Vandyke building designers ©







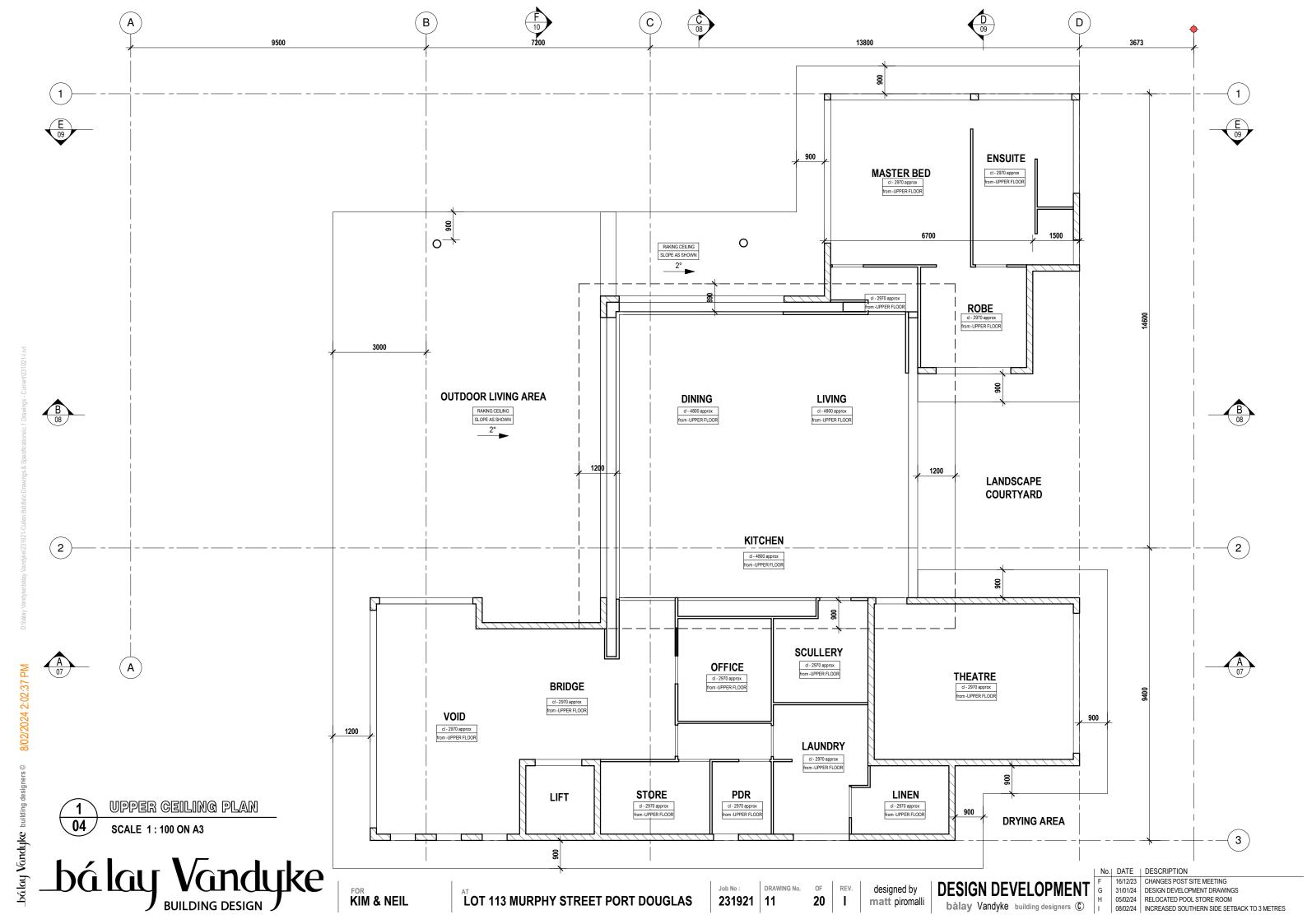


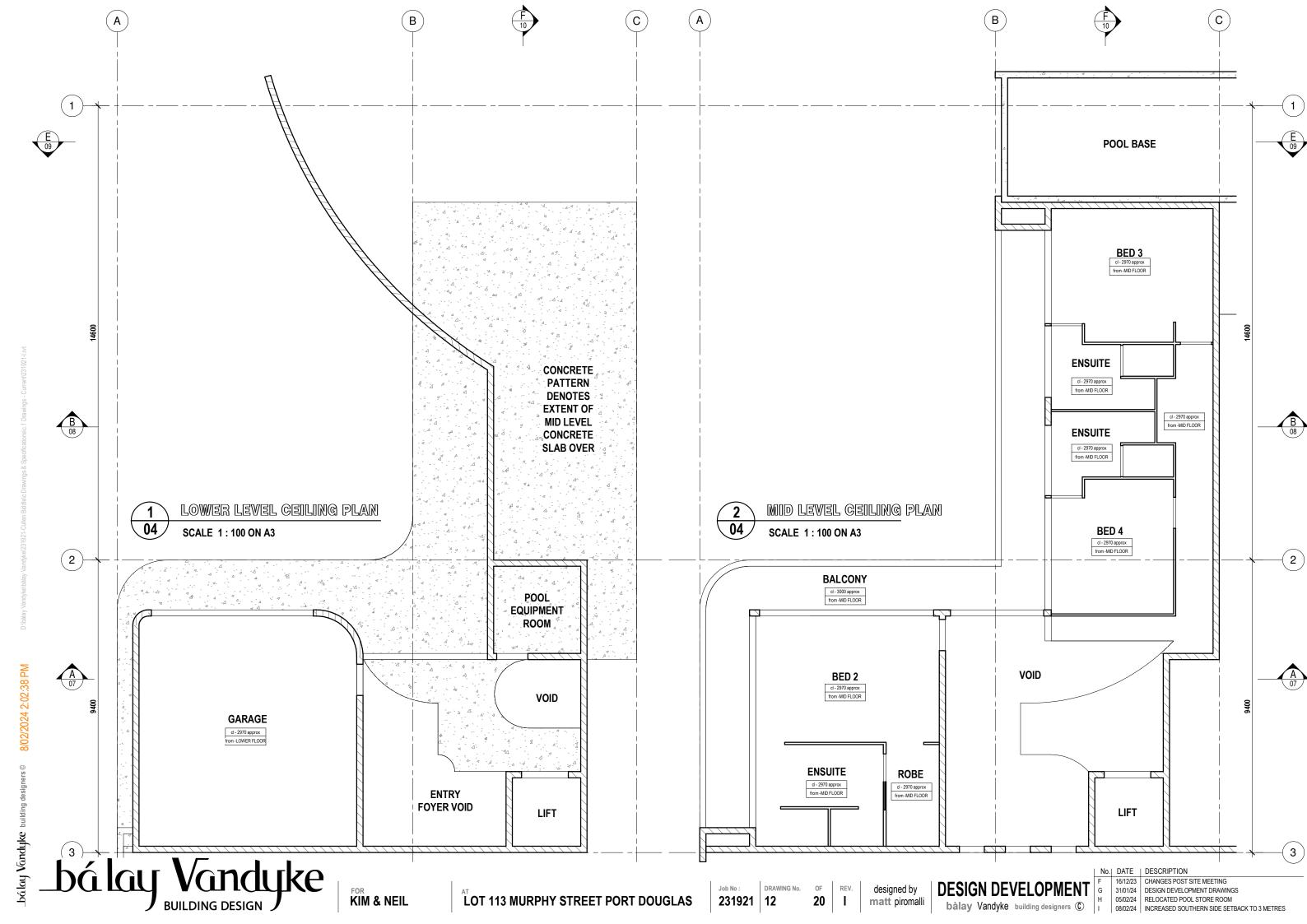
bolg Lay Vandyke Building design

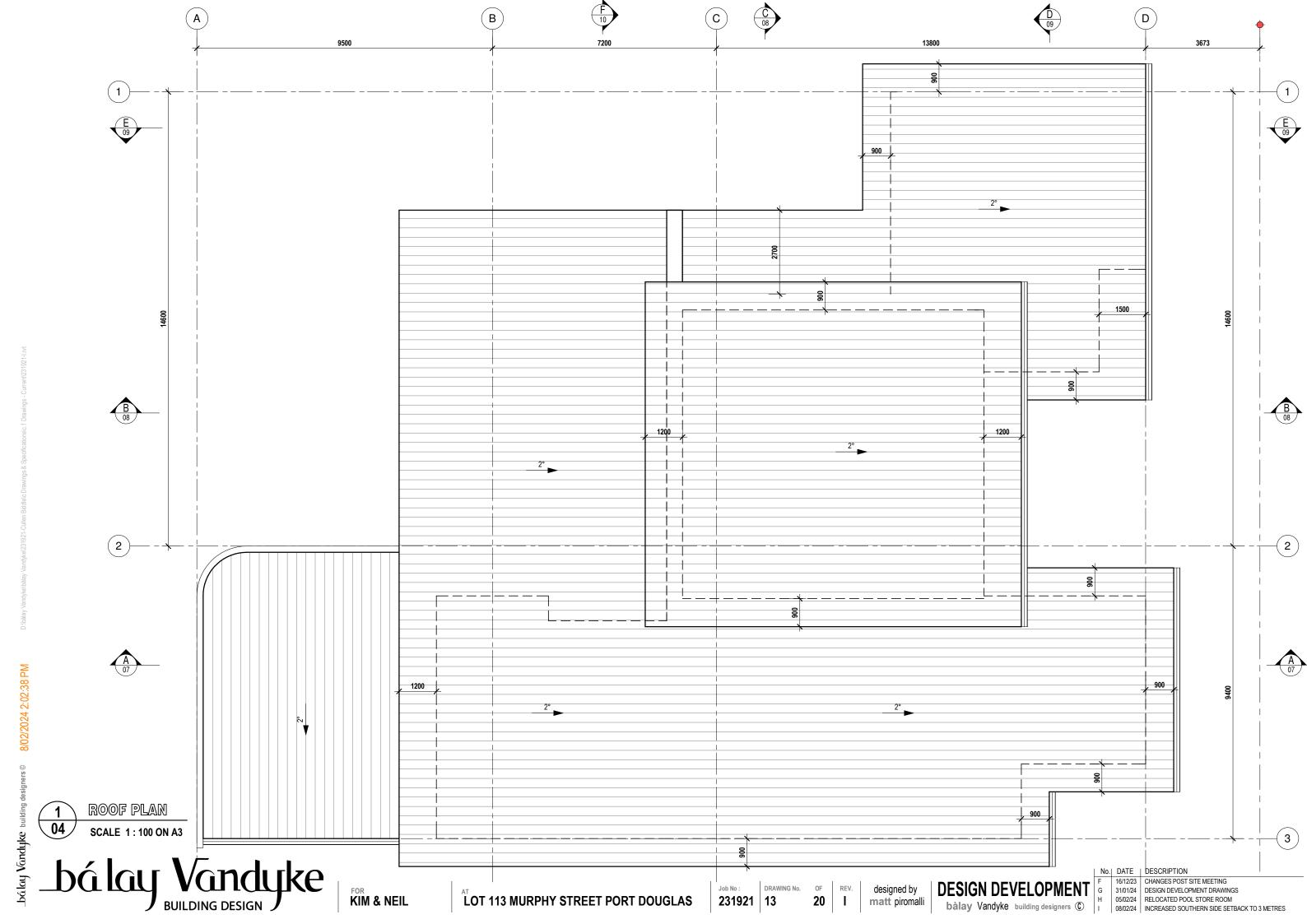
LOT 113 MURPHY STREET PORT DOUGLAS

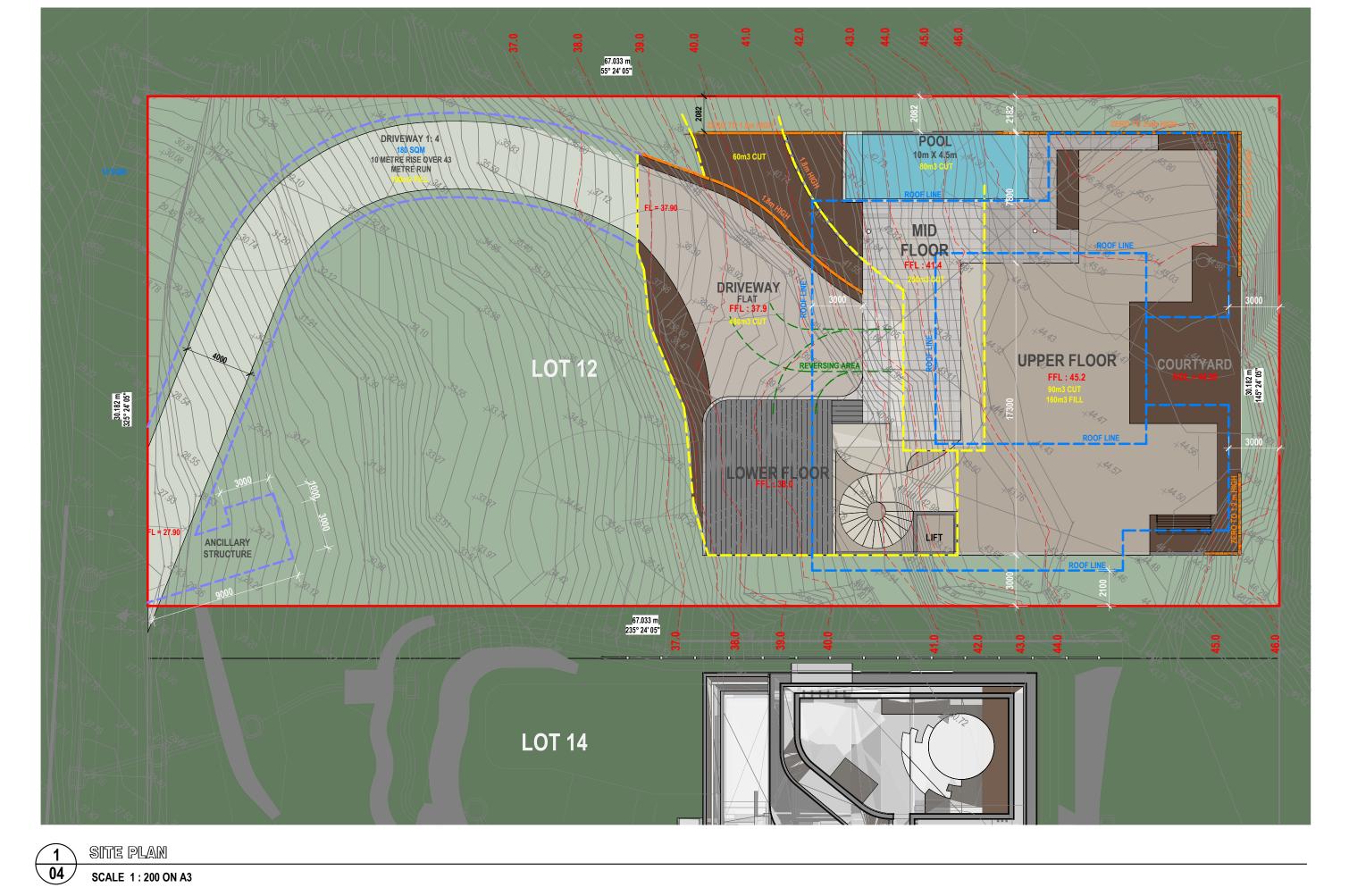
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designed by matt piromalli











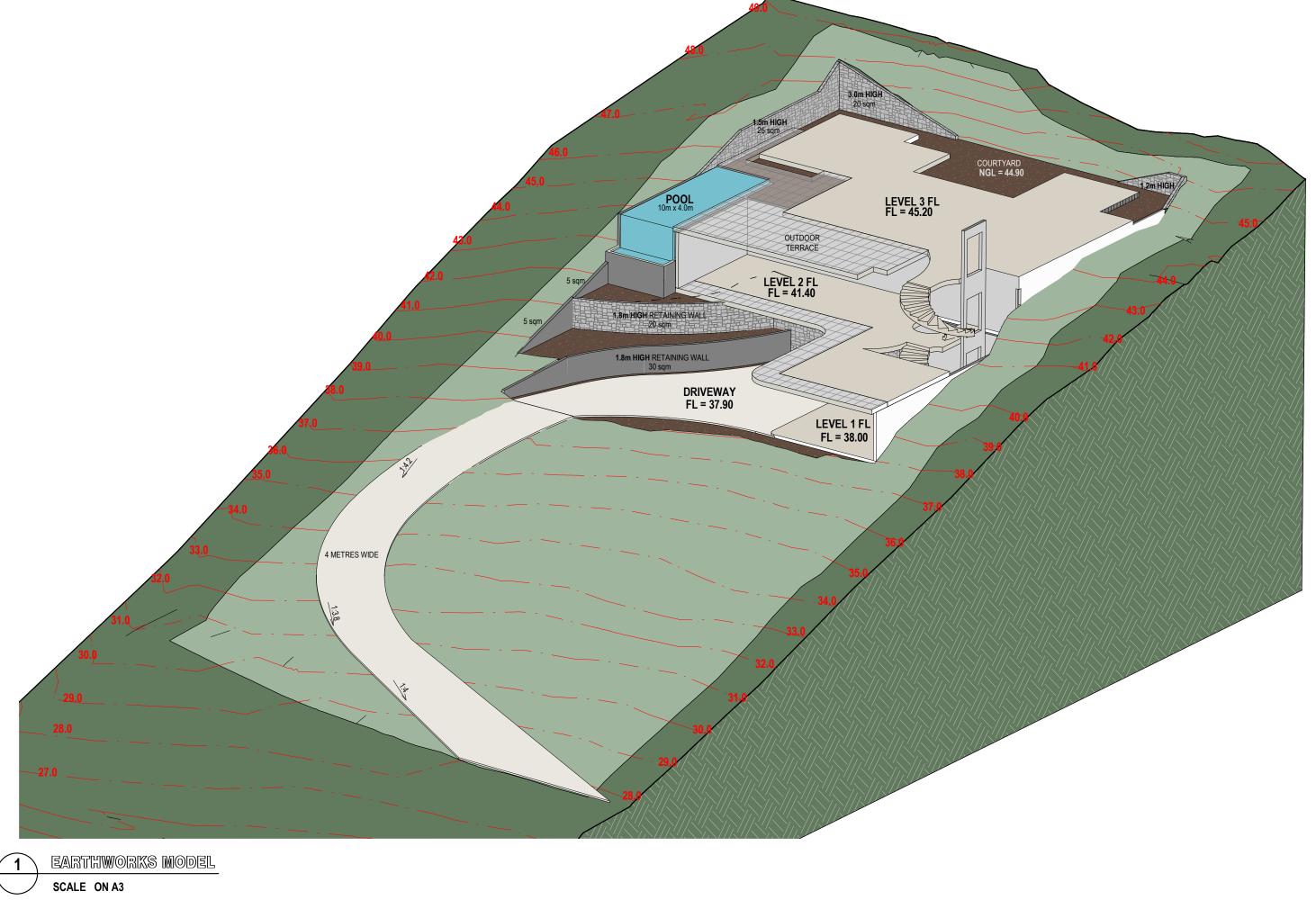
FOR KIM & NEIL

LOT 113 MURPHY STREET PORT DOUGLAS

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designed by matt piromalli

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FOR KIM & NEIL

LOT 113 MURPHY STREET PORT DOUGLAS

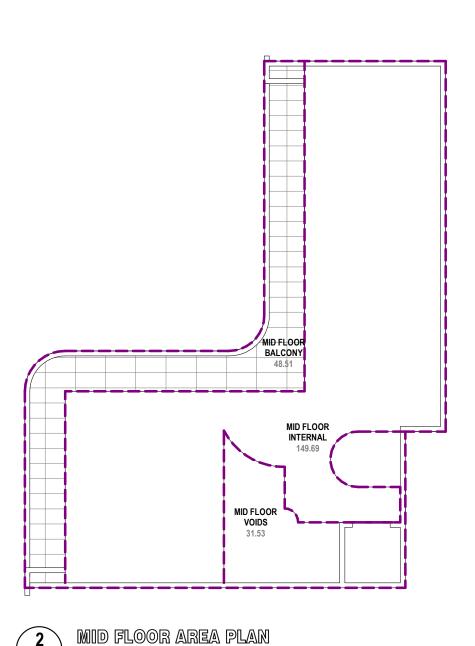
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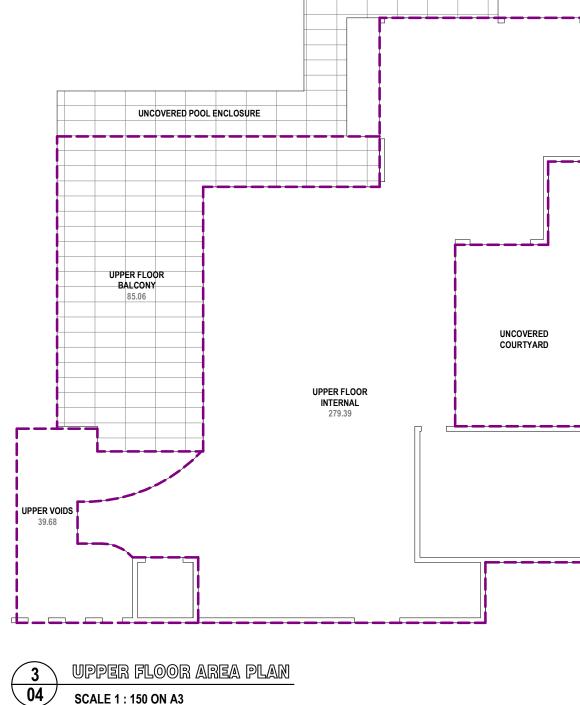
designed by matt piromalli

No.| DATE | DESCRIPTION DESIGN DEVELOPMENT

F 16/12/23 CHANGES POST SITE MEETING
DESIGN DEVELOPMENT DRAWINGS
31/01/24 DESIGN DEVELOPMENT DRAWINGS
N5/02/24 RELOCATED POOL STORE ROOM
N8/02/24 INCREASED SOUTHERN SIDE SETBACK TO 3 METRES

SCALE 1: 150 ON A3





bolg Lay Vandyke building design building design

FOR KIM & NEIL

Job No:

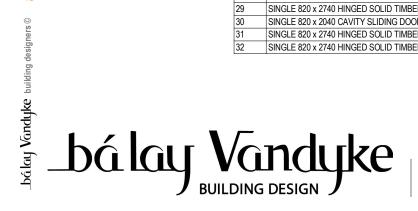
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REV. designed by matt piromalli

SCALE 1: 150 ON A3

| | | | | WINDOW | SCHEDULE | | | | | |
|----|--------------------------------------------------|------|-------------|----------|----------|-------------|-------------|---------------------|------------------|------------|
| # | DESCRIPTION | TYPE | REFERENCE | WIDTH | HEIGHT | SILL HEIGHT | HEAD HEIGHT | FRAME MATERIAL | GLAZING / FINISH | SCREENING |
| 01 | MULTI PANEL FIXED GLASS WINDOW | F | UPPER FLOOR | 9,000 mm | 800 mm | 4,000 mm | 4800 mm PC | DWDERCOAT ALUMINIUM | GREY GLASS | NONE |
| 02 | MULTI PANEL FIXED GLASS WINDOW | F | UPPER FLOOR | 9,000 mm | 800 mm | 4,000 mm | 4800 mm PC | DWDERCOAT ALUMINIUM | GREY GLASS | NONE |
| 03 | MULTI PANEL FIXED GLASS WINDOW | F | UPPER FLOOR | 9,000 mm | 800 mm | 4,000 mm | 4800 mm P0 | DWDERCOAT ALUMINIUM | GREY GLASS | NONE |
|)4 | MULTI PANEL FIXED GLASS WINDOW | F | UPPER FLOOR | 9,000 mm | 800 mm | 4,000 mm | 4800 mm PC | DWDERCOAT ALUMINIUM | GREY GLASS | NONE |
|)5 | MULTI PANEL FIXED GLASS WINDOW | F | UPPER FLOOR | 3,000 mm | 2,700 mm | 0 mm | 2700 mm PC | OWDERCOAT ALUMINIUM | OBSCURE GLASS | NONE |
| 17 | SINGLE PANEL VARIABLE GLASS BLADE LOUVRE | GL | UPPER FLOOR | 800 mm | 2,700 mm | 0 mm | 2700 mm PC | DWDERCOAT ALUMINIUM | GREY GLASS | FLYSCREEN |
|)8 | MULTI PANEL FIXED GLASS WINDOW | F | UPPER FLOOR | 3,000 mm | 2,700 mm | 0 mm | 2700 mm PC | DWDERCOAT ALUMINIUM | GREY GLASS | NONE |
| 19 | SINGLE PANEL VARIABLE GLASS BLADE LOUVRE | GL | UPPER FLOOR | 800 mm | 2,700 mm | 0 mm | 2700 mm PC | OWDERCOAT ALUMINIUM | GREY GLASS | FLYSCREEN |
| 0 | MULTI PANEL FIXED GLASS WINDOW | F | UPPER FLOOR | 3,000 mm | 1,800 mm | 1,100 mm | 2900 mm PC | DWDERCOAT ALUMINIUM | GREY GLASS | NONE |
| 1 | MULTI PANEL FIXED GLASS WINDOW | F | UPPER FLOOR | 7,000 mm | 2,900 mm | 0 mm | 2900 mm PC | OWDERCOAT ALUMINIUM | GREY GLASS | NONE |
| 12 | SINGLE PANEL FIXED GLASS WINDOW | F | UPPER FLOOR | 800 mm | 5,000 mm | -2,100 mm | 2900 mm PC | DWDERCOAT ALUMINIUM | GREY GLASS | FLYSCREEN |
| 3 | SINGLE PANEL FIXED GLASS WINDOW | F | UPPER FLOOR | 800 mm | 5,000 mm | -2,100 mm | 2900 mm PC | DWDERCOAT ALUMINIUM | GREY GLASS | FLYSCREEN |
| 4 | SINGLE PANEL FIXED GLASS WINDOW | F | UPPER FLOOR | 800 mm | 5,000 mm | -2,100 mm | 2900 mm PC | DWDERCOAT ALUMINIUM | GREY GLASS | FLYSCREEN |
| 5 | SINGLE PANEL VARIABLE OBSCURE GLASS BLADE LOUVRE | GL | UPPER FLOOR | 800 mm | 1,600 mm | 1,300 mm | 2900 mm PC | OWDERCOAT ALUMINIUM | GREY GLASS | FLYSCREEN |
| 6 | FOUR PANEL SLIDING GLASS WINDOW | OXXO | UPPER FLOOR | 4,500 mm | 900 mm | 1,800 mm | 2700 mm PC | DWDERCOAT ALUMINIUM | GREY GLASS | NONE |
| 7 | MULTI PANEL VARIABLE GLASS BLADE LOUVRE | GL | UPPER FLOOR | 2,400 mm | 2,700 mm | 0 mm | 2700 mm PC | DWDERCOAT ALUMINIUM | GREY GLASS | FLYSCREENS |
| 8 | SINGLE PANEL VARIABLE OBSCURE GLASS BLADE LOUVRE | GL | UPPER FLOOR | 800 mm | 2,700 mm | 0 mm | 2700 mm PC | OWDERCOAT ALUMINIUM | GREY GLASS | FLYSCREEN |
| 9 | MULTI PANEL FIXED GLASS WINDOW | F | UPPER FLOOR | 3,000 mm | 2,700 mm | 0 mm | 2700 mm PC | DWDERCOAT ALUMINIUM | OBSCURE GLASS | NONE |
| 1 | SINGLE PANEL FIXED GLASS WINDOW | F | MID FLOOR | 1,500 mm | 2,900 mm | 0 mm | 2900 mm PC | DWDERCOAT ALUMINIUM | GREY GLASS | NONE |
| 2 | SINGLE PANEL VARIABLE OBSCURE GLASS BLADE LOUVRE | GL | MID FLOOR | 800 mm | 2,900 mm | 0 mm | 2900 mm PC | DWDERCOAT ALUMINIUM | GREY GLASS | FLYSCREEN |
| :3 | SINGLE PANEL VARIABLE OBSCURE GLASS BLADE LOUVRE | GL | MID FLOOR | 800 mm | 2,900 mm | 0 mm | 2900 mm PC | OWDERCOAT ALUMINIUM | GREY GLASS | FLYSCREEN |
| 4 | SINGLE PANEL FIXED GLASS WINDOW | F | MID FLOOR | 1,500 mm | 2,900 mm | 0 mm | 2900 mm PC | DWDERCOAT ALUMINIUM | GREY GLASS | NONE |
| 5 | SINGLE PANEL VARIABLE GLASS BLADE LOUVRE | GL | MID FLOOR | 800 mm | 2,900 mm | 0 mm | 2900 mm PC | OWDERCOAT ALUMINIUM | GREY GLASS | FLYSCREEN |
| :6 | MULTI PANEL FIXED GLASS WINDOW | F | MID FLOOR | 5,600 mm | 2,900 mm | 0 mm | 2900 mm PC | OWDERCOAT ALUMINIUM | GREY GLASS | NONE |
| .7 | MULTI PANEL FIXED GLASS WINDOW | F | MID FLOOR | 3,000 mm | 2,900 mm | 0 mm | 2900 mm PC | OWDERCOAT ALUMINIUM | GREY GLASS | NONE |
| 8 | SINGLE PANEL VARIABLE OBSCURE GLASS BLADE LOUVRE | GL | MID FLOOR | 800 mm | 2,900 mm | 0 mm | 2900 mm PC | DWDERCOAT ALUMINIUM | GREY GLASS | FLYSCREEN |
| .9 | SINGLE PANEL FIXED GLASS WINDOW | F | LOWER FLOOR | 1,200 mm | 2,900 mm | 0 mm | 2900 mm PC | DWDERCOAT ALUMINIUM | OBSCURE GLASS | NONE |
| 30 | SINGLE PANEL FIXED GLASS WINDOW | F | LOWER FLOOR | 1,200 mm | 2,900 mm | 0 mm | 2900 mm PC | DWDERCOAT ALUMINIUM | OBSCURE GLASS | NONE |

| | | DOOR SCHEDULE | | | | | | | | | | |
|----|--------------------------------------------------------------------------|---------------|-------------|---------------|----------------|-------------|----------------------|------------------|------------|--|--|--|
| # | DESCRIPTION | TYPE | REFERENCE | OPENING WIDTH | OPENING HEIGHT | HEAD HEIGHT | FRAME MATERIAL | GLAZING & FINISH | SCREENING | | | |
| 01 | THREE PANEL CAVITY SLIDING GLASS DOOR (1.8 METRE WIDE PANELS) | XXX CSGD | UPPER FLOOR | 5,400 mm | 2,900 mm | 2,900 mm | POWDERCOAT ALUMINIUM | GREY GLASS | FLY SCREEN | | | |
| 02 | FIVE PANEL CAVITY SLIDING GLASS DOOR (1.8 METRE WIDE PANELS) | XXXXX CSGD | UPPER FLOOR | 9,000 mm | 2,900 mm | 2,900 mm | POWDERCOAT ALUMINIUM | GREY GLASS | FLY SCREEN | | | |
| 03 | FOUR PANEL CAVITY SLIDING GLASS DOOR (1.8 METRE WIDE PANELS) | XXXX CSGD | UPPER FLOOR | 7,200 mm | 2,900 mm | 2,900 mm | POWDERCOAT ALUMINIUM | GREY GLASS | FLY SCREEN | | | |
| 04 | THREE PANEL SLIDING GLASS DOOR | OXX SGD | UPPER FLOOR | 4,500 mm | 2,700 mm | 2,700 mm | POWDERCOAT ALUMINIUM | GREY GLASS | FLY SCREEN | | | |
| 05 | TWO PANEL SLIDING GLASS DOOR | XO SGD | UPPER FLOOR | 1,800 mm | 2,900 mm | 2,900 mm | POWDERCOAT ALUMINIUM | GREY GLASS | FLY SCREEN | | | |
| 06 | TWO PANEL SLIDING GLASS DOOR | XO SGD | MID FLOOR | 3,000 mm | 2,900 mm | 2,900 mm | POWDERCOAT ALUMINIUM | GREY GLASS | FLY SCREEN | | | |
| 07 | TWO PANEL SLIDING GLASS DOOR | XO SGD | MID FLOOR | 2,800 mm | 2,900 mm | 2,900 mm | POWDERCOAT ALUMINIUM | GREY GLASS | FLY SCREEN | | | |
| 08 | TWO PANEL SLIDING GLASS DOOR | XO SGD | MID FLOOR | 3,000 mm | 2,900 mm | 2,900 mm | POWDERCOAT ALUMINIUM | GREY GLASS | FLY SCREEN | | | |
| 09 | TWO PANEL SLIDING GLASS DOOR | XO SGD | MID FLOOR | 3,000 mm | 2,900 mm | 2,900 mm | POWDERCOAT ALUMINIUM | GREY GLASS | FLY SCREEN | | | |
| 10 | SINGLE 1520 x 2840 PIVOT ALUMINIUM DOOR WITH GLAZED INSERT | 1520 | LOWER FLOOR | 1,600 mm | 2,900 mm | 2,900 mm | POWDERCOAT ALUMINIUM | OBSCURE GLASS | NONE | | | |
| 12 | FLUSH MOUNTED TILT UP GARGE DOOR. ALUMINIUM SLATS TO MATCH WALL CLADDING | PLD | LOWER FLOOR | 5,200 mm | 2,600 mm | 2,600 mm | METAL | METAL | NONE | | | |
| 13 | SINGLE 820 x 2740 HINGED SOLID TIMBER DOOR | 820 | UPPER FLOOR | 1,000 mm | 2,900 mm | 2,900 mm | PAINTED TIMBER | PAINTED TIMBER | NONE | | | |
| 14 | SINGLE 820 x 2740 HINGED SOLID TIMBER DOOR | 820 | UPPER FLOOR | 1,000 mm | 2,900 mm | 2,900 mm | PAINTED TIMBER | PAINTED TIMBER | NONE | | | |
| 15 | SINGLE 820 x 2340 HINGED TIMBER DOOR | 820 | UPPER FLOOR | 1,000 mm | 2,900 mm | 2,900 mm | PAINTED TIMBER | PAINTED TIMBER | NONE | | | |
| 16 | SINGLE 820 x 2740 HINGED SOLID TIMBER DOOR | 820 | UPPER FLOOR | 1,000 mm | 2,900 mm | 2,900 mm | PAINTED TIMBER | PAINTED TIMBER | NONE | | | |
| 17 | SINGLE 820 x 2040 CAVITY SLIDING DOOR | CSD | UPPER FLOOR | 900 mm | 2,900 mm | 2,900 mm | PAINTED TIMBER | PAINTED TIMBER | NONE | | | |
| 18 | SINGLE 820 x 2340 HINGED TIMBER DOOR | 820 | UPPER FLOOR | 1,000 mm | 2,900 mm | 2,900 mm | PAINTED TIMBER | PAINTED TIMBER | NONE | | | |
| 19 | SINGLE 820 x 2340 HINGED TIMBER DOOR | 820 | UPPER FLOOR | 1,000 mm | 2,900 mm | 2,900 mm | PAINTED TIMBER | PAINTED TIMBER | NONE | | | |
| 20 | SINGLE 820 x 2340 HINGED TIMBER DOOR | 820 | UPPER FLOOR | 1,000 mm | 2,900 mm | 2,900 mm | PAINTED TIMBER | PAINTED TIMBER | NONE | | | |
| 21 | SINGLE 820 x 2340 HINGED TIMBER DOOR | 820 | UPPER FLOOR | 1,000 mm | 2,900 mm | 2,900 mm | PAINTED TIMBER | PAINTED TIMBER | NONE | | | |
| 22 | SINGLE 820 x 2340 HINGED TIMBER DOOR | 820 | UPPER FLOOR | 1,000 mm | 2,900 mm | 2,900 mm | PAINTED TIMBER | PAINTED TIMBER | NONE | | | |
| 23 | SINGLE 820 x 2340 HINGED TIMBER DOOR | 820 | MID FLOOR | 1,000 mm | 2,900 mm | 2,900 mm | PAINTED TIMBER | PAINTED TIMBER | NONE | | | |
| 24 | SINGLE 820 x 2340 HINGED TIMBER DOOR | 820 | MID FLOOR | 1,000 mm | 2,900 mm | 2,900 mm | PAINTED TIMBER | PAINTED TIMBER | NONE | | | |
| 25 | SINGLE 820 x 2340 HINGED TIMBER DOOR | 820 | MID FLOOR | 1,000 mm | 2,900 mm | 2,900 mm | PAINTED TIMBER | PAINTED TIMBER | NONE | | | |
| 26 | SINGLE 820 x 2340 HINGED TIMBER DOOR | 820 | MID FLOOR | 1,000 mm | 2,900 mm | 2,900 mm | PAINTED TIMBER | PAINTED TIMBER | NONE | | | |
| 27 | SINGLE 820 x 2340 HINGED TIMBER DOOR | 820 | MID FLOOR | 1,000 mm | 2,900 mm | 2,900 mm | PAINTED TIMBER | PAINTED TIMBER | NONE | | | |
| 28 | SINGLE 820 x 2340 HINGED TIMBER DOOR | 820 | MID FLOOR | 1,000 mm | 2,900 mm | 2,900 mm | PAINTED TIMBER | PAINTED TIMBER | NONE | | | |
| 29 | SINGLE 820 x 2740 HINGED SOLID TIMBER DOOR | 820 | MID FLOOR | 1,000 mm | 2,900 mm | 2,900 mm | PAINTED TIMBER | PAINTED TIMBER | NONE | | | |
| 30 | SINGLE 820 x 2040 CAVITY SLIDING DOOR | CSD | MID FLOOR | 900 mm | 2,900 mm | 2,900 mm | PAINTED TIMBER | PAINTED TIMBER | NONE | | | |
| 31 | SINGLE 820 x 2740 HINGED SOLID TIMBER DOOR | 820 | LOWER FLOOR | 1,000 mm | 2,900 mm | 2,900 mm | METAL | PAINTED TIMBER | NONE | | | |
| 32 | SINGLE 820 x 2740 HINGED SOLID TIMBER DOOR | 820 | LOWER FLOOR | 1,000 mm | 2,900 mm | 2,900 mm | METAL | PAINTED TIMBER | NONE | | | |



FOR KIM & NEIL

Job No : DRAWING No. OF REV. 231921 17 20 | I

designed by matt piromalli

No.| DATE | DESCRIPTION DESIGN DEVELOPMENT
| G | 31/01/24 | DESIGN DEVELOPMENT | G | 31/01/24 | DESIGN DEVELOPMENT DRAWINGS | DESIGN DEVELOPMENT DRAWI







ENTRY PERSPECTIVE 1

SCALE 1:1 ON A3



LOT 113 MURPHY STREET PORT DOUGLAS







ENTRY PERSPECTIVE 2

SCALE 1:1 ON A3



LOT 113 MURPHY STREET PORT DOUGLAS





ENTRY PERSPECTIVE 3

SCALE 1:1 ON A3



LOT 113 MURPHY STREET PORT DOUGLAS

ATTACHMENT 2

SUPPLEMENTARY ENGINEERING REPORT – APPLIN CONSULTING

(FEBRUARY 2024)

Our Ref: 24003 DA RFI Response 12 Murphy Street

23 February 2024

Urban Sync Po Box 2970 CAIRNS QLD 4870

Attention: Stuart Ricketts

Dear Stuart,

RFI CIVIL RESPONSE SUBMISSION
MCU - DWELLING HOUSES MCUC 2023_5563
12 MURPHY STREET, PORT DOUGLAS (L113 PTD2094)

We refer to Douglas Shire Council's (Council) Information Request (IR) dated 1 February 2024.

We note Council had issued a previous Operational Works approval (OP2023_5234/1 (1169419) for the driveway works as detailed by Edge Consulting Engineers and we intend to closely follow that original approval with only minor modifications made to reduce the footprint impact and assist with constructability.

Applin Consulting has been engaged to prepare and compile a response to the civil issues associated with Council's IR and the information requested is repeated below in the order in which it appeared in the IR with the response following:

Allotment Access

2. Confirm the proposed width of the sealed access within the Murphy Street Road reserve.

Officers note a 2.6m wide access is proposed on Balay Vandyke Drawing 7 of 14 (Site Plan - Revision F) for the frontage of the subject site.

The application material does not demonstrate how access will be provided to Murphy Street sealed road formation. This lower section services 10, 12 and 14 Murphy Street.

Concern is raised regarding the ability for vehicles using the shared access to safely pass one another at low speed without departing from the road. Reference is made to Complete Streets Table 6-2 for minimum widths for passing vehicles.

Revised engineering sketch plans, which are similar to the previously approved Operational Works plans by Edge Consulting Engineers, have been created and modelled in 12D and a copy of these sketch plans is included in **Appendix A**.

The proposed shared driveway width is now 4.5m to reduce the footprint and ensure minimal impact to the existing trees by following the existing track alignment.

Table 6.2 of Complete Streets notes a 4.5m carriageway width is adequate for a 2-way shared street at 20km/hr with minimum service vehicles. This proposed driveway has a lesser function and speed environment than a shared street and given the proposed driveway will only service, at the most 4 but more likely 3, residential allotments with both lots 12 and 14 having the ability to enter the shared driveway in a forward manner and to stop at the bottom of their driveways and see any other vehicle on the driveway, a 4.5m shared driveway is of adequate width.

3. Clarify the proposed width of the sealed driveway internal to the development site.

Officers note a 4m wide driveway is nominated on Balay Vandyke Drawing 7 of 14 (Site Plan - Revision F), however, the width shown on this drawing is scaled at approximately 2.6m.

The internal driveway width for 12 Murphy Street is 3.5m.

Retaining Walls & Earthworks

4. Concern is raised regarding the requirement for a 1.8m retaining wall proposed in the Murphy Street road reserve shown on Balay Vandyke Drawing 7 of 14 (Site Plan- Revision F). Note, the proposed retaining wall also appears to be located near the top of an existing steep batter which may have stability implications for the road reserve. Note that a retaining wall in road reserve of this height is considered to be an unacceptable solution.

Clarify the justification for raising the level of the shared access external to the site within the Murphy Street road reserve. Options to minimise the level change in Murphy Street are to be considered.

Provide a cross section through the proposed 1.8m retaining structure through to and including the Murphy Street road formation.

Advice Note: The contour information shown on the Site Plan appears to indicate the extent of the design creates a large flat driveway section within the site (adjacent the garage). The absence of grade transition in this area appear to reduce the length available for the driveway grading and appears to dictate the level at the interface with the shared access at Murphy Street (to achieve the proposed 1 in 4 gradient).

Officers note that it appears if part of the footprint of the flat portion of the internal driveway was utilised to manage the level transition, this may minimise the level change (and fill required) in Murphy Street. This would lower the height of the proposed retaining wall.

The proposed driveway has been regraded slightly to negate the need for any retaining within the road reserve. Sketch plans of the driveway with a long section and cross sections are included in **Appendices A and B**.

5. Subject to the further advice provided in relation to Item 3 above, clarification is sought on the ownership and maintenance for any private infrastructure proposed in the Murphy Street road reserve. Council is not supportive of additional asset obligations in its road reserve that benefit private access arrangements.

The proposed driveway is, like all driveways, the responsibility of the land owner to maintain.

Water and sewer reticulation to service the allotments will be Council owned assets, as requested by Council's Water and Wastewater Engineer.

6. Provide further information in the form of longitudinal and cross sections indicating the cut and fill required to construct the shared access in Murphy Steet, and the internal driveway.

Refer sketches provided in **Appendix B**.

7. Confirm the maximum height of retaining structures proposed as part of this development.

Officers note the response provided as part of the Code Assessment for Performance Outcome 2 nominates a maximum height of 2.52m for retaining structures. Sections provided in the application appear to indicate higher retaining elements are proposed.

In particular, what treatment/s are proposed for the 3m high retaining walls shown on Balay Vandyke Drawing 7 of 14 (Site Plan - Revision F) along the western and northern extents of the dwelling house.

Revision to the house size and sitting have resulted in walls under 2m – refer architectural plans for details.

8. Confirm the retaining wall treatment/s (type/s) proposed in the Murphy Street Road Reserve. Note the response to this item may be addressed or amended as a result of responding to earlier Information Request items.

The revised design has negated the need for any retaining walls.

Site Access & Service Connections

10. Confirm if the development proposes to adopt the site access and service connections (water, sewer, and stormwater) previously proposed in Murphy Street shown on Edge Consulting Drawing C301, C302, C601, and C701 (Revision P6) dated 30 May 2023. Provide a drawing/s showing the proposed access and services connections for the development site in Murphy Street.

Further discussions have been undertaken with Council's Water and Wastewater Engineer and we confirm the services will be documented to closely follow the previously approved Edge Consulting plans mentioned above. Given this outcome will almost be identical, we have not prepared new plans.

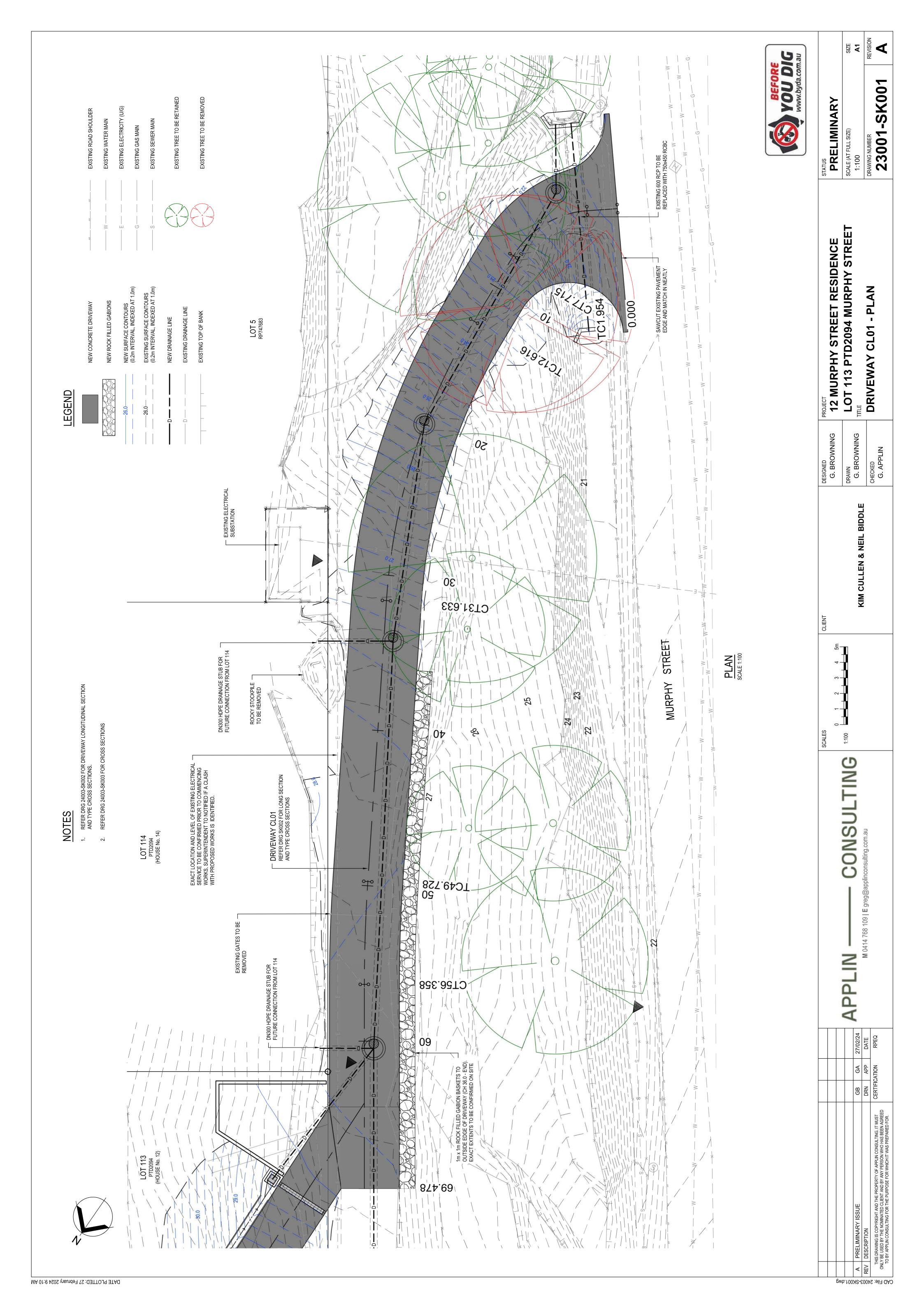
We trust the above and attached is sufficient for Council's purposes and allows Council to finalise the Decision Notice.

Please do not hesitate to contact the undersigned should you have any further questions in relation to this matter.

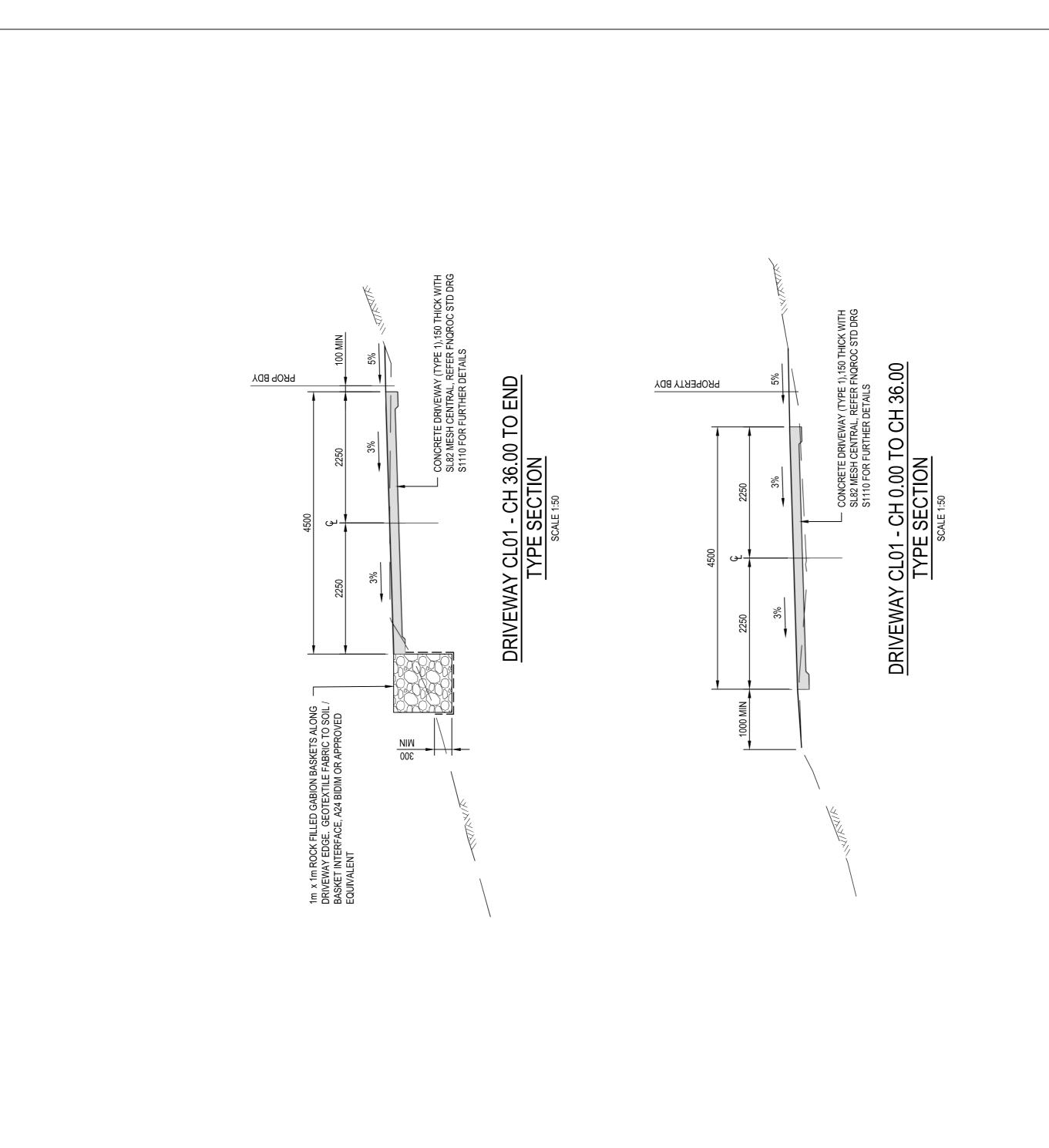
Yours faithfully APPLIN CONSULTING

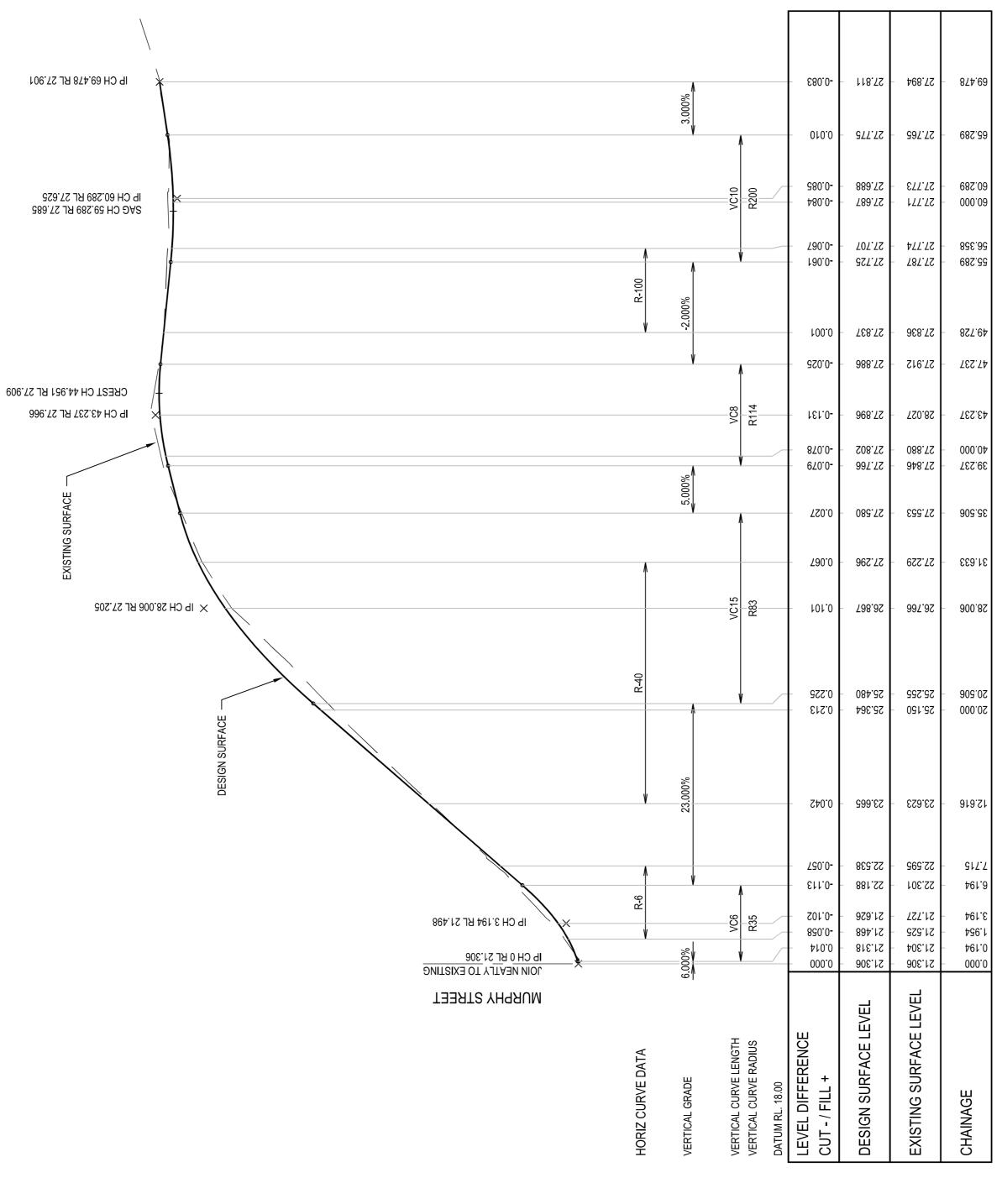
GREG APPLIN B Eng (Civil) RPEQ 6073

APPENDIX A



APPENDIX B





LONGITUDINAL SECTION - DRIVEWAY CL01
HORZ 1:250 VERT 1:50

| | | | M 0414 768 109 E greg@ | |
|-----|------|-------------------|----------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| | | GA 27/02/24 | DATE | RPEQ |
| | | GA | APP | CERTIFICATION |
| | | GB | DRN | CERTIFI |
| | | PRELIMINARY ISSUE | REV DESCRIPTION | THIS DRAWING IS COPYRIGHT AND THE PROPERTY OF APPLIN CONSULTING. IT MUST ONLY BE USED BY THE NOMINATED CLIENT AND BY ANY PERSON WHO HAS BEEN AGREED TO BY APPLIN CONSULTING FOR THE PURPOSE FOR WHICH IT WAS PREPARED FOR. |
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| APPLIN ——— CONSULTING M 0414 768 109 E greg@applinconsulting.com.au | V 1:50 H 1:250 | | 1:50 |
|-----------------------------------------------------------------------|-------------------|-------------------------------------------------|------|
| | | M 0414 768 109 E greg@applinconsulting.com.au | |

| CLIENT | | | |
|--------|--------------------------------------------|------------------------|--|
| | 0 0.5 1 1.5 2 2.5m 0 2.5 5 7.5 10 12.5m | 0 0.5 1.0 1.5 2.0 2.5m | |
| SCALES | V 1:50 H 1:250 | 1:50 | |
| | NSU | .com.au | |

SIZE **A1**

SCALE (AT FULL SIZE) 1:250H / 1:50V

STATUS PRELIMINARY

23001-SK002

DRIVEWAY CL01 - LONGITUDINAL SECTION AND TYPE SECTION

12 MURPHY STREET RESIDENCE
LOT 113 PTD2094 MURPHY STREET

DRAWN G. BROWNING

NEIL BIDDLE

CHECKED G. APPLIN

DESIGNED G. BROWNING

