

progressive plans

Residential Dwelling
MONA VALE, NSW 2103
04 December 2024
Issue A

Prepared for
JENNIFER ROBINS

Development Application

18 HILLCREST AVE



NO:	SHEET NAME	DATE
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SITE AREA:
3495.00m²
LAND ZONE:
C4 - ENVIRONMENTAL LIVING

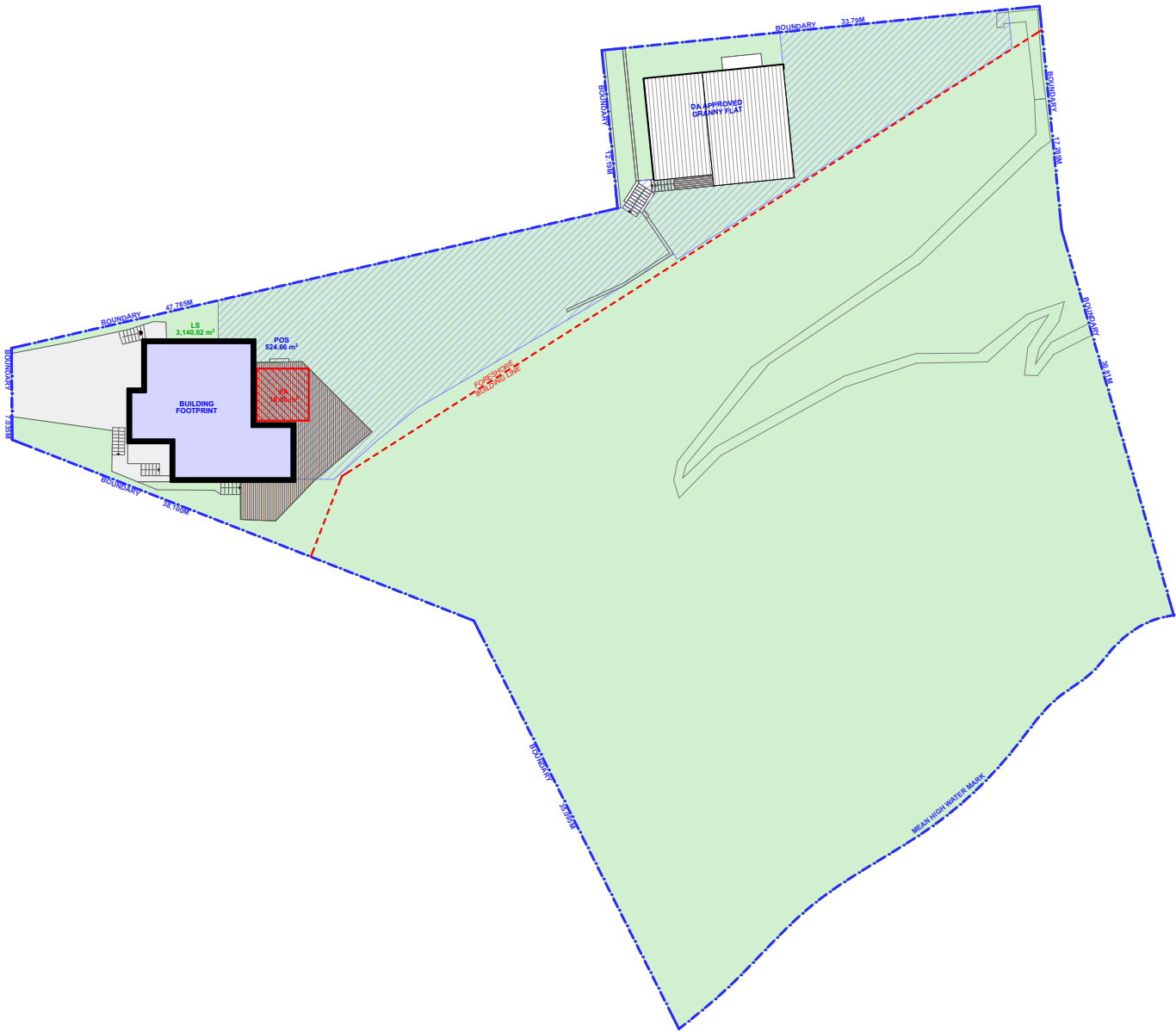
BUILDING FOOTPRINT

LANDSCAPING:
REQUIRED 60.00% (2097.00 m²)
EXISTING 89.84% (3140.02 m²)
PROPOSED 86.21% (3013.33 m²)

PRIVATE OPEN SPACE (MIN. 3M X 3M)
REQUIRED 80.00m²
EXISTING 524.66m²
PROPOSED 390.64m²

IMPERVIOUS AREAS LESS THAN 1M INCLUDED IN LANDSCAPED AREA

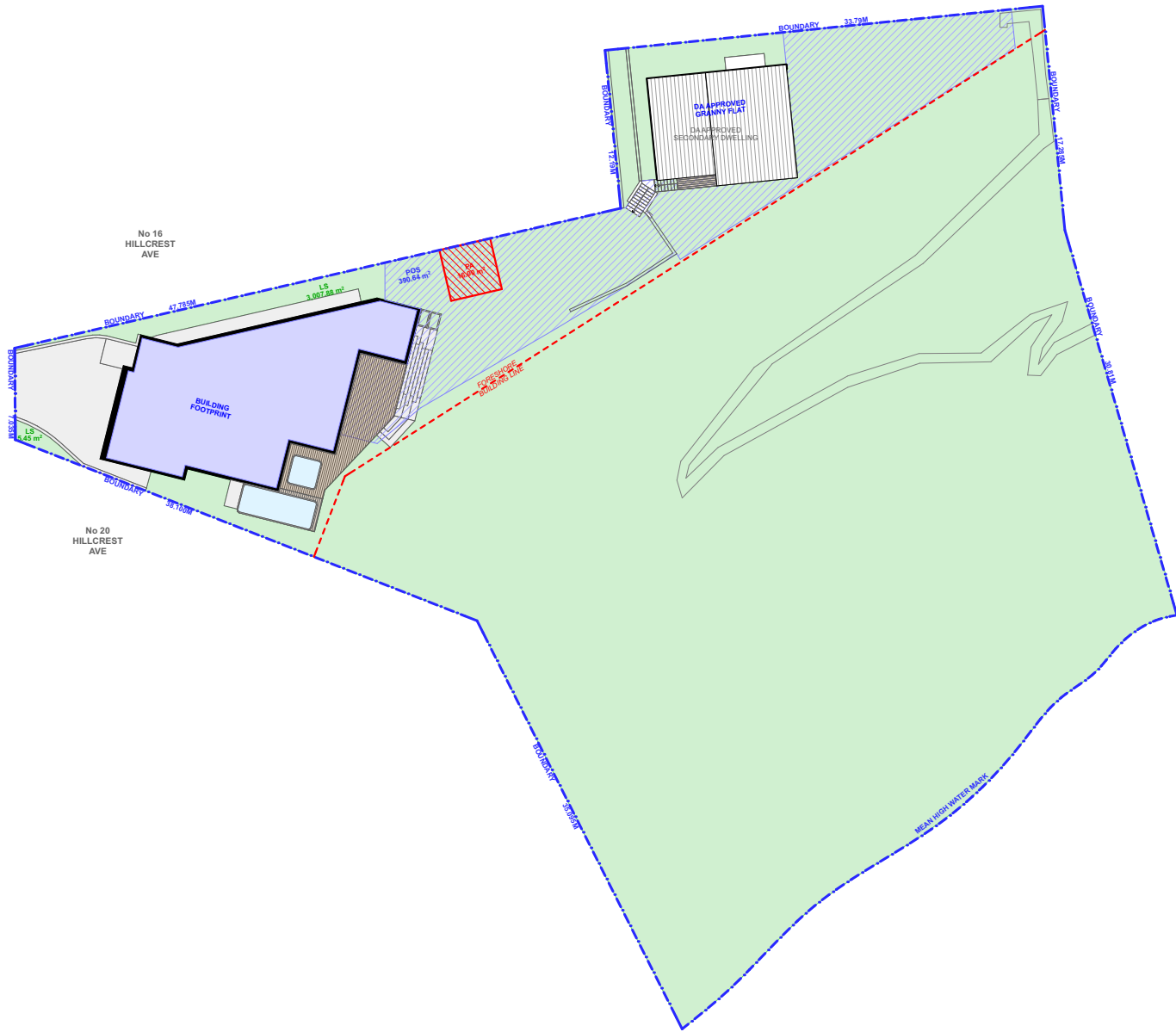
PRINCIPAL AREA (MIN. 4M X 4M)
REQUIRED 16.00m²
PROPOSED 16.00m²



1

EXISTING AREA CALCULATIONS

1:500



2

PROPOSED AREA CALCULATIONS

1:500



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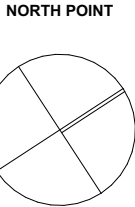
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NOTES

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REV.	NOTES.	INITIAL	DATE
A	DA DOCUMENTATION	SB	09.09.24
B	DOOR&WINDOW SCHEDULE	SB	11.09.24

LEGEND
<div></div> DWELLING WALLS
<div></div> CONCRETE / PAVERS
<div></div> TIMBER DECK
<div></div> POOL / WATER



CLIENTS:
NEIL BURNARD

SITE ADDRESS:
18 HILLCREST AVE
MONA VALE, NSW, 2103

DRAWING TITLE:
AREA CALCULATIONS

SCALE: 1:500 @A3	DATE: 4/12/2024
PROJECT NO: 1084	DRAWING NO: DA02



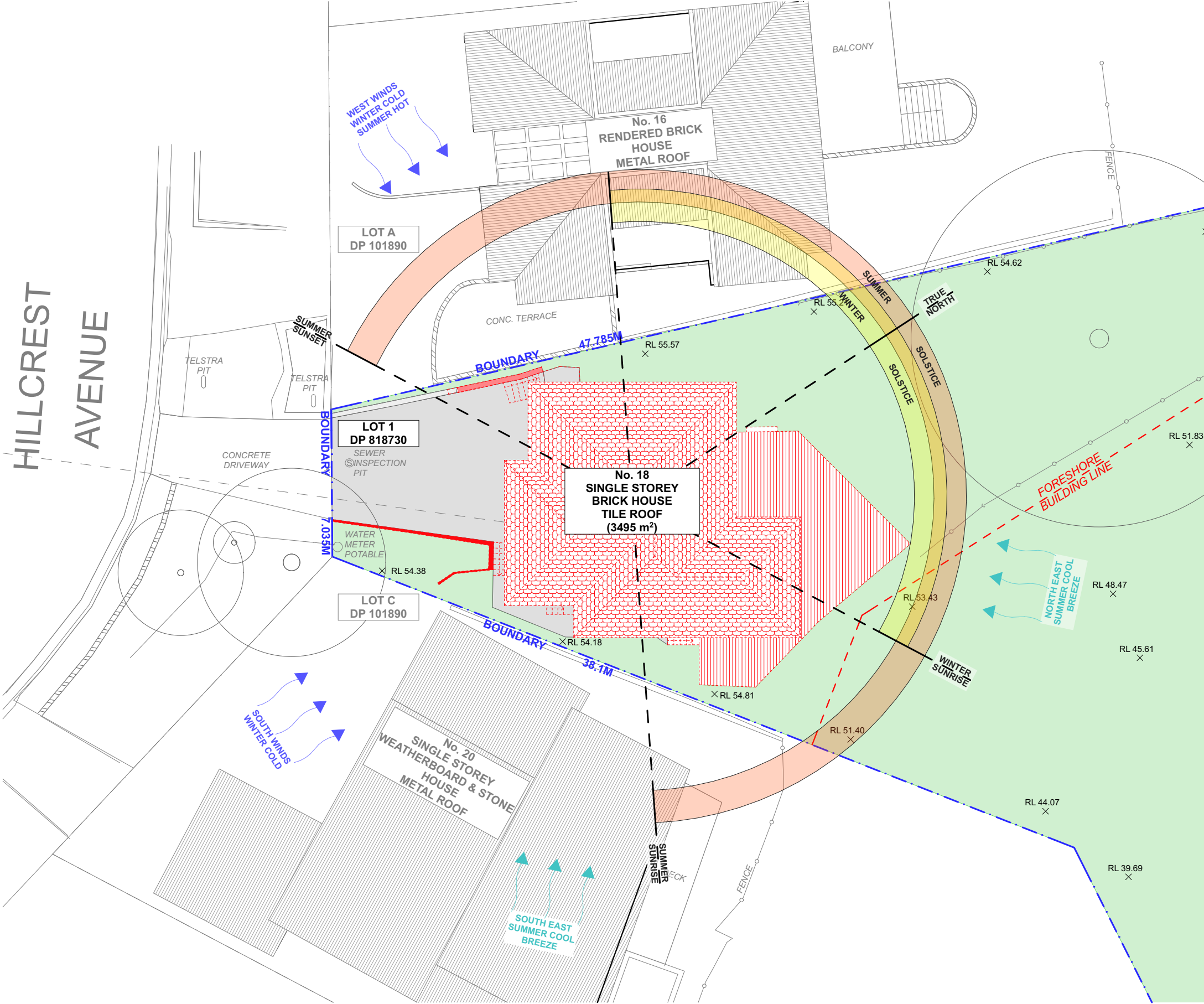
EXTERNAL VIEW



LOCATION MAP



AERIAL MAP



1

SITE ANALYSIS

1:200

NOTE: ALL DEMOLITION WORK TO BE CARRIED OUT IN ACCORDANCE WITH AS2601-2001



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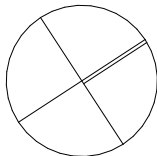
LEGEND

	EXISTING		LANDSCAPE / GRASS
	DEMOLISHED		CONCRETE / PAVERS
	EXISTING ROOF		TIMBER DECK
	PROPOSED ROOF		POOL / WATER
	SEDIMENT EROSION FENCE		

ABBREVIATIONS

DP: DEPOSIT PLAN
RL: REDUCED LEVEL
SP: STRATA PLAN

NORTH POINT



CLIENTS:

NEIL BURNARD

SITE ADDRESS:

18 HILLCREST AVE
MONA VALE, NSW, 2103

DRAWING TITLE:

SITE ANALYSIS

1:200, 1:4.38,
1:4.38; 1:3.07
@A3

DATE:
4/12/2024

PROJECT NO:

1084

DRAWING NO:

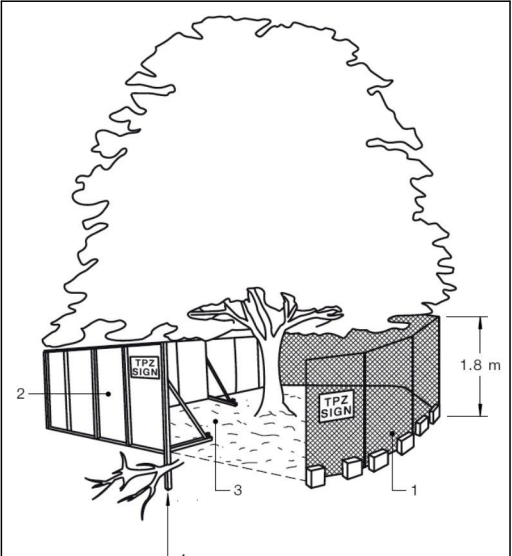
DA03

SKIP BIN
RECYCLING

SKIP BIN
WASTE

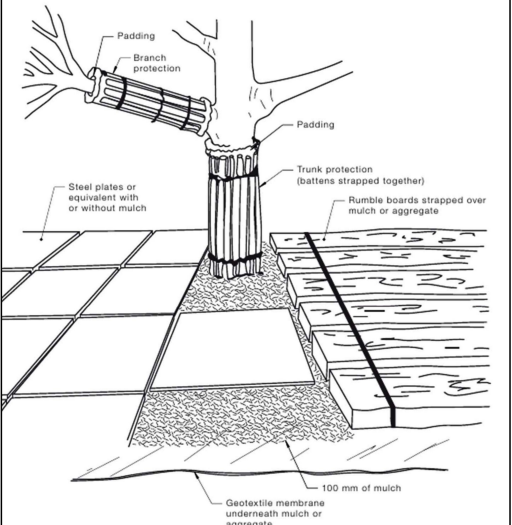
MATERIAL
STORAGE

SKIP BINS & MATERIAL STORAGE TO BE STORED IN
FRONT YARD OR DRIVEWAY



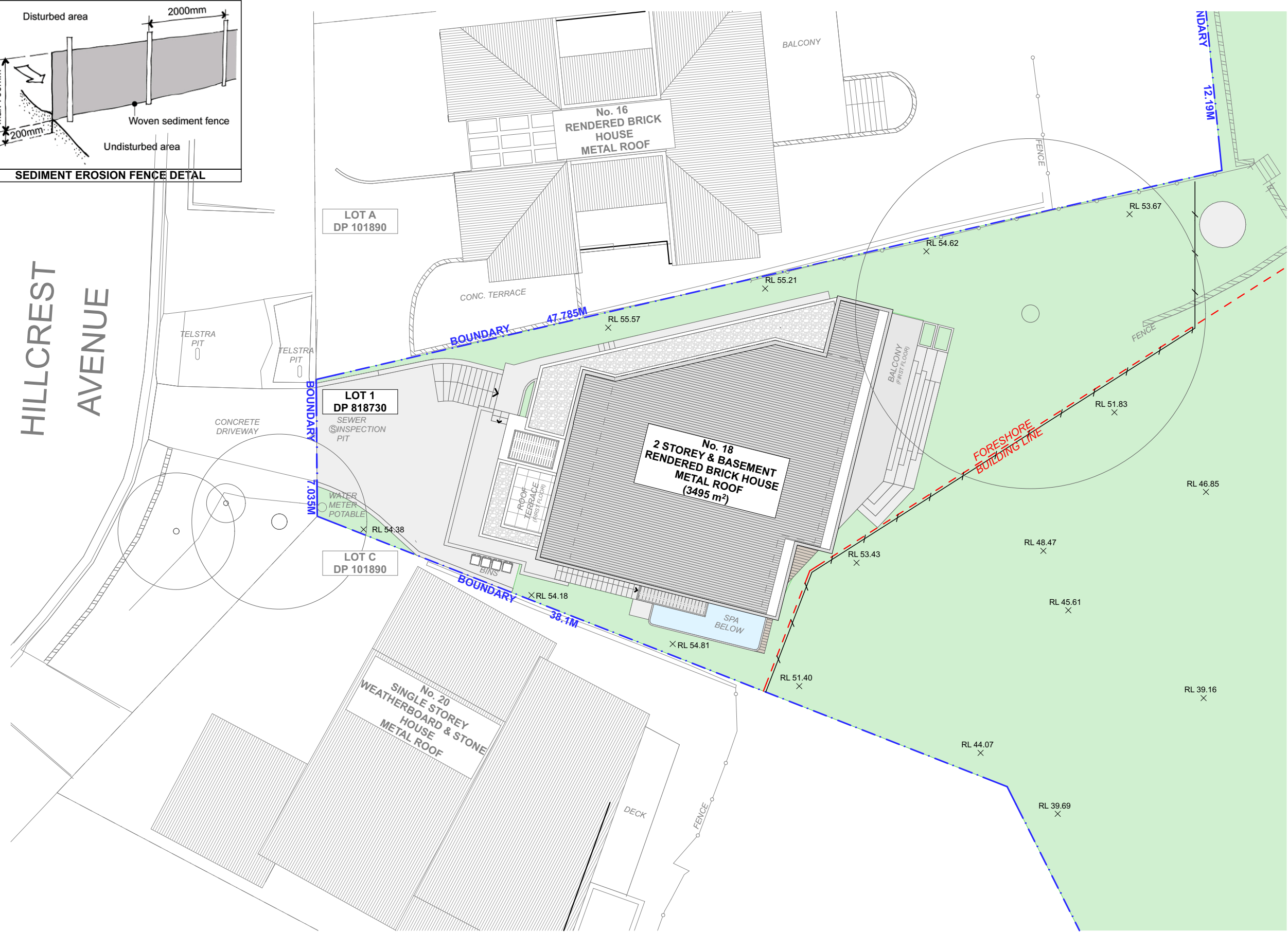
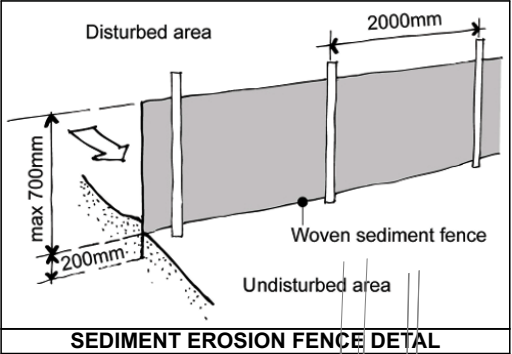
TREE PROTECTION ZONE (TPZ) FENCING (WHEN POSSIBLE):

- CHAIN WIRE MESH PANELS WITH SHADE CLOTH (IF REQUIRED) ATTACHED, HELD IN PLACE WITH CONCRETE FEET.
- ALTERNATIVE PLYWOOD OR WOODEN PALING FENCE PANELS. THE FENCING MATERIAL ALSO PREVENTS BUILDING MATERIALS OR SOIL ENTERING THE TPZ.
- MULCH INSTALLATION ACROSS SURFACE OF TPZ (AT THE DISCRETION OF THE PROJECT ARBORIST). NO EXCAVATION, CONSTRUCTION ACTIVITY, GRADE CHANGES, SURFACE TREATMENT OR STORAGE OF MATERIALS OF ANY KIND IS PERMITTED WITHIN THE TPZ.
- BRACING IS PERMISSIBLE WITHIN THE TPZ. INSTALLATION OF SUPPORTS TO AVOID DAMAGING ROOTS.



TREE PROTECTION ZONE (TPZ) FENCING (NOT POSSIBLE):


- FOR TRUNK AND BRANCH PROTECTION USE BOARDS AND PADDING THAT WILL PREVENT DAMAGE TO BARK. BOARDS ARE TO BE STRAPPED TO TREES, NOT NAILED, OR SCREWED.
- RUMBLE BOARDS SHOULD BE OF SUITABLE THICKNESS TO PREVENT SOIL COMPACTION AND ROOT DAMAGE.



1

SITE - WASTE - SEDIMENT PLAN

1:200



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LEGEND

EXISTING

DEMOLISHED

EXISTING ROOF

PROPOSED ROOF

SEDIMENT EROSION FENCE

LANDSCAPE / GRASS

CONCRETE / PAVERS

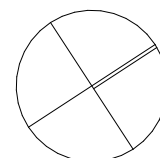
TIMBER DECK

POOL / WATER

ABBREVIATIONS

DP: DEPOSIT PLAN
RL: REDUCED LEVEL
SP: STRATA PLAN

NORTH POINT



CLIENTS:

NEIL BURNARD

SITE ADDRESS:

18 HILLCREST AVE
MONA VALE, NSW, 2103

DRAWING TITLE:

SITE - WASTE - SEDIMENT PLAN

SCALE:

1:200 @A3

PROJECT NO:

1084

DATE:

4/12/2024

DRAWING NO:

DA04



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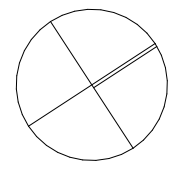
LEGEND

- EXISTING
- DEMOLISHED
- PROPOSED

ABBREVIATIONS

CPD: CUPBOARD
DP: DOWNPIPE
DPS: DOWN PIPE SPITTER
DPRH: DOWN PIPE RAIN HEAD
FFL: FINISHED FLOOR LEVEL
FW: FLOOR WASTE
HWS: HOT WATER SYSTEM
RL: REDUCED LEVEL
SA: SMOKE ALARM

NORTH POINT



CLIENTS:

NEIL BURNARD

SITE ADDRESS:
18 HILLCREST AVE
MONA VALE, NSW, 2103

DRAWING TITLE:

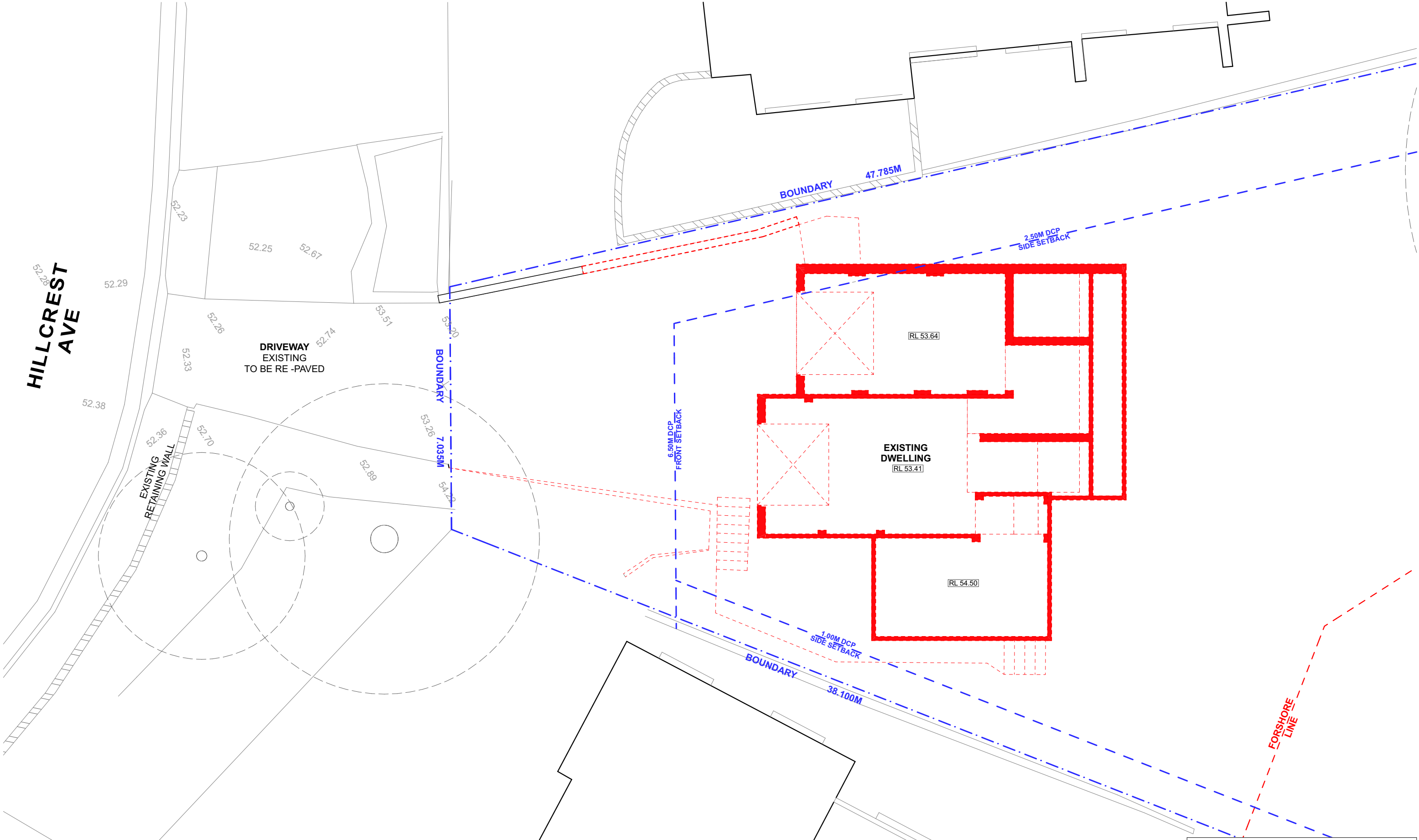
SITE PLAN 1:250

SCALE:
1:250 @A3

DATE:
4/12/2024


PROJECT NO:
1084

DRAWING NO:
DA05



NOTE: ALL DEMOLITION WORK TO BE CARRIED OUT IN ACCORDANCE WITH AS2601-2001

1 EXISTING LOWER GROUND FLOOR PLAN 1:100



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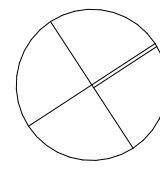
LEGEND

EXISTING
DEMOLISHED
PROPOSED

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NORTH POINT

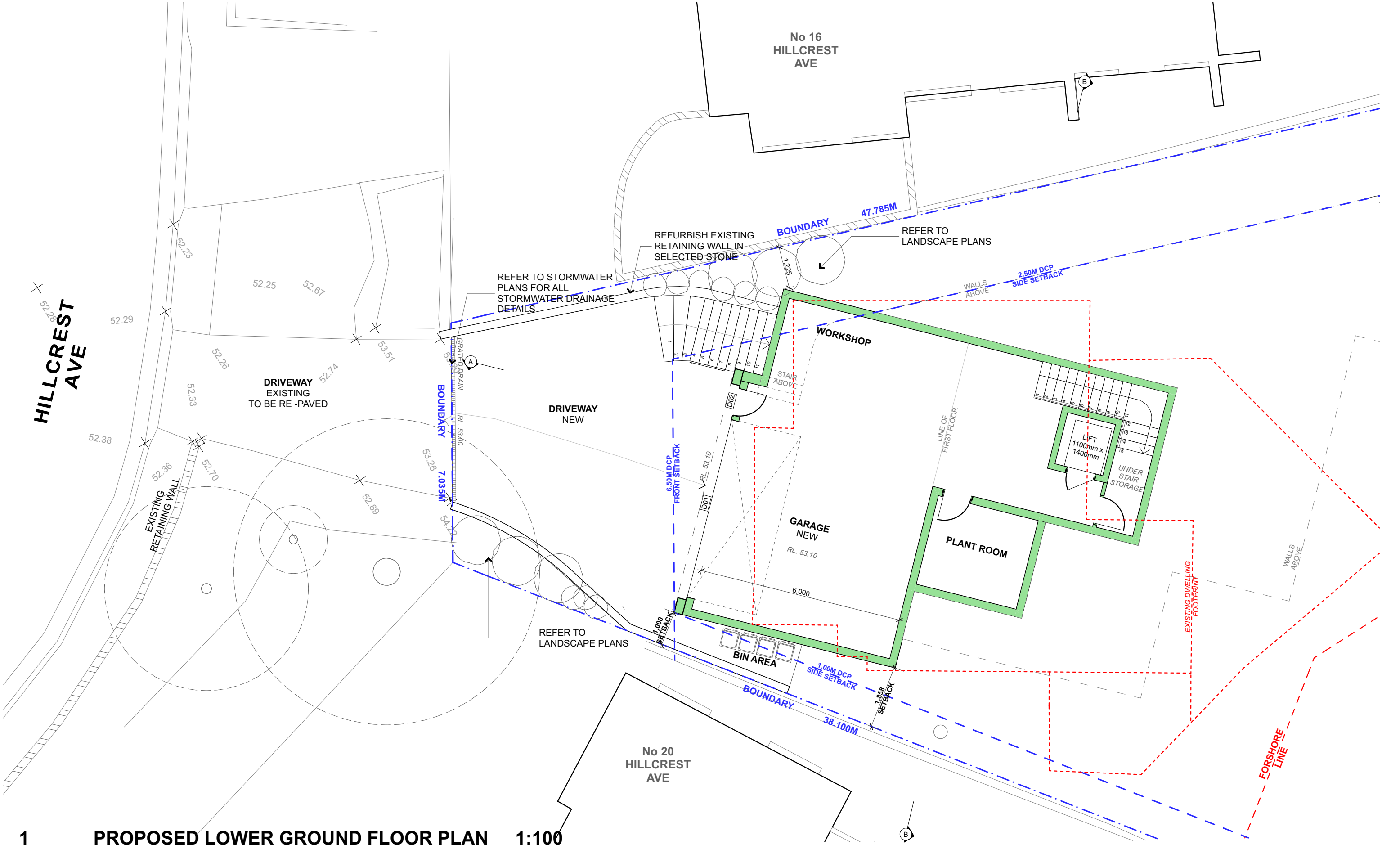


CLIENTS:
NEIL BURNARD

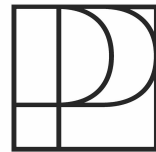
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18 HILLCREST AVE
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DRAWING TITLE:
EXISTING LOWER GROUND FLOOR PLAN

SCALE: 1:100 @A3	DATE: 4/12/2024
PROJECT NO: 1084	DRAWING NO: DA06



1 PROPOSED LOWER GROUND FLOOR PLAN 1:100



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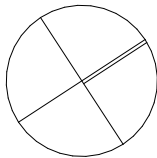
LEGEND

- EXISTING
- DEMOLISHED
- PROPOSED

ABBREVIATIONS

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NORTH POINT



CLIENTS:

NEIL BURNARD

SITE ADDRESS:

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MONA VALE, NSW, 2103

DRAWING TITLE:

PROPOSED LOWER GROUND FLOOR PLAN

SCALE:

1:100 @A3

DATE:

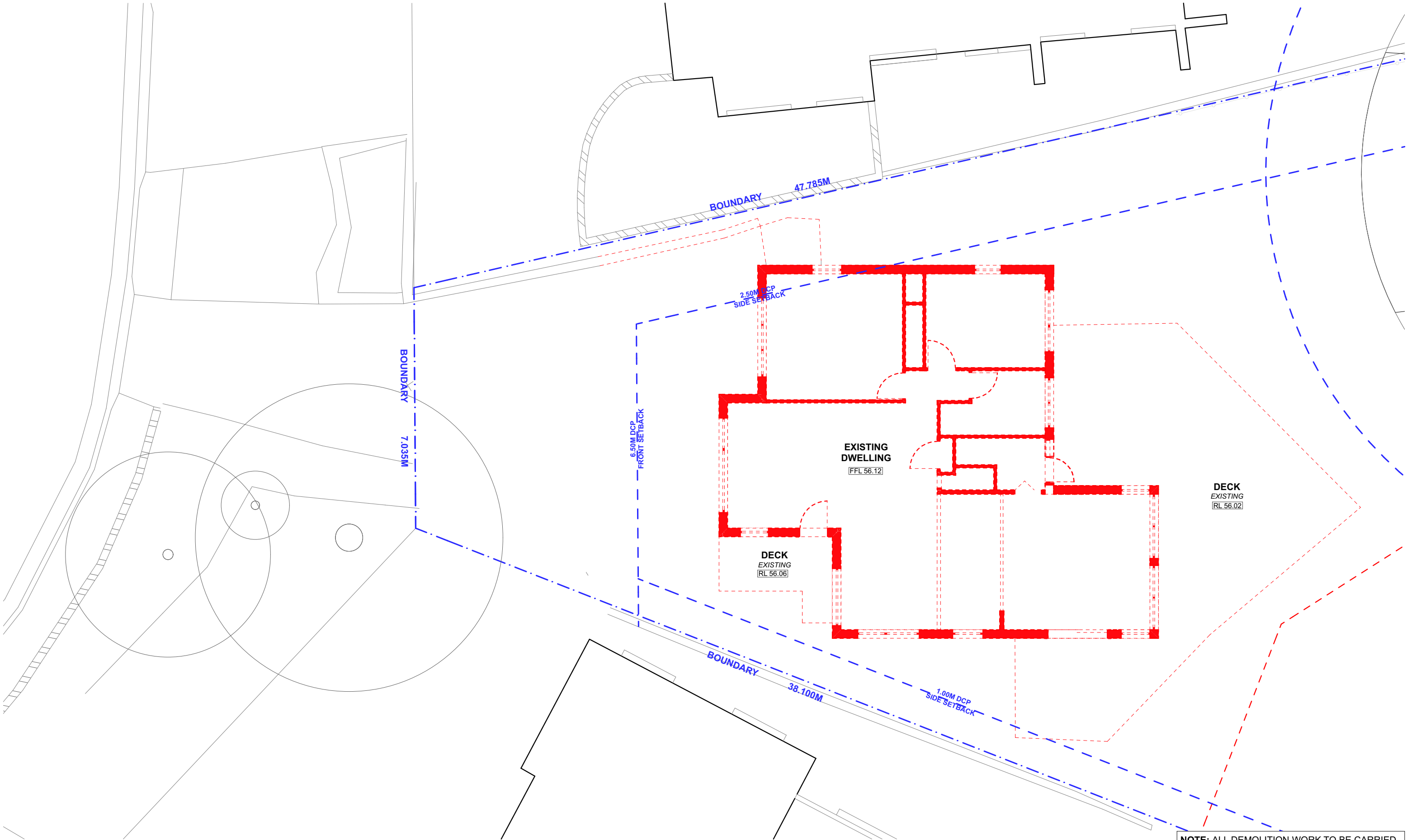
4/12/2024

PROJECT NO:

1084

DRAWING NO:

DA07



1 **EXISTING GROUND FLOOR PLAN** **1:100**

NOTE: ALL DEMOLITION WORK TO BE CARRIED OUT IN ACCORDANCE WITH AS2601-2001



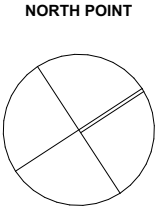
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LEGEND
EXISTING
DEMOLISHED
PROPOSED

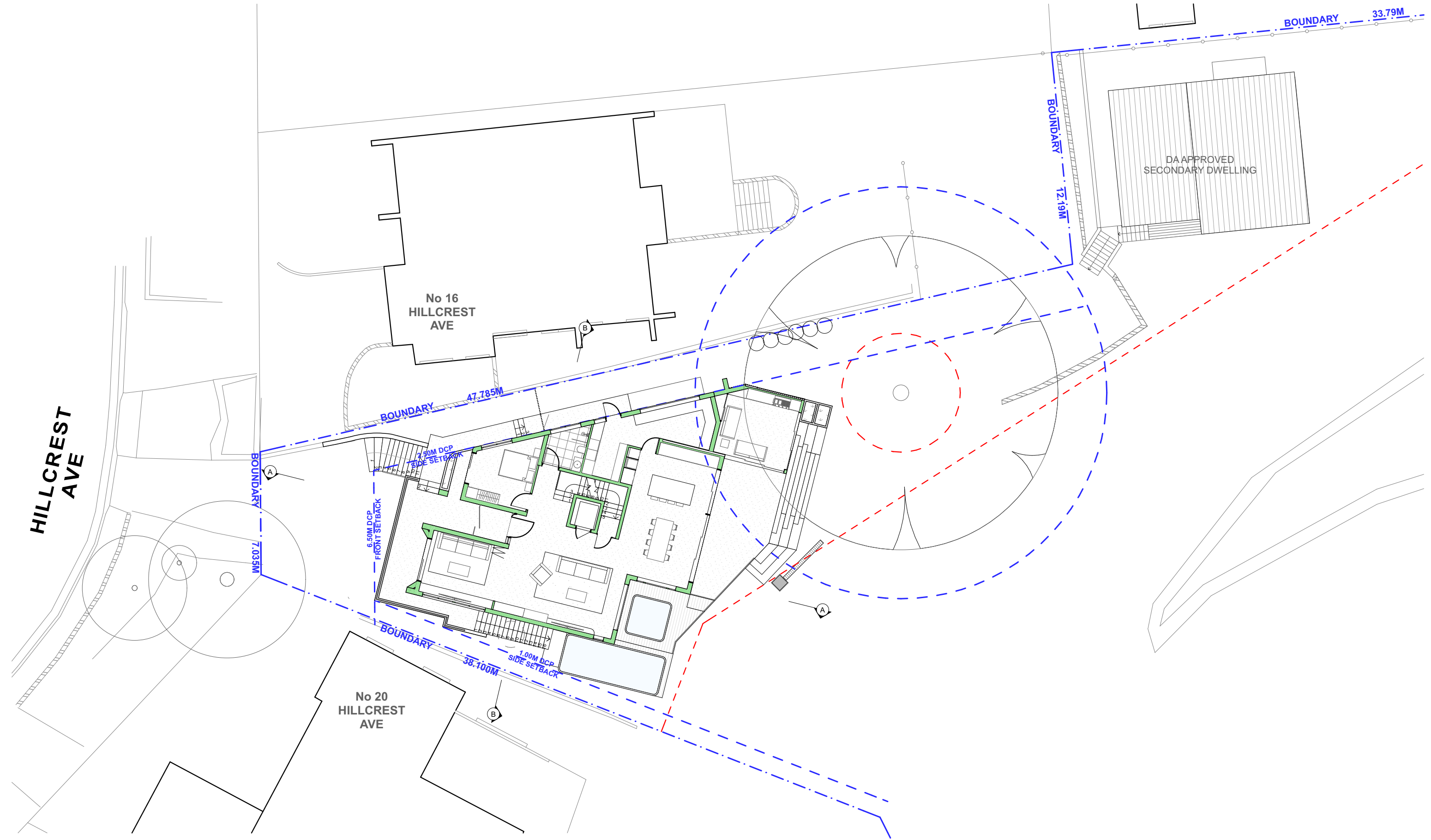
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CLIENTS:
NEIL BURNARD

SITE ADDRESS:
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MONA VALE, NSW, 2103

DRAWING TITLE:	
EXISTING GROUND FLOOR PLAN	
SCALE: 1:100 @A3	DATE: 4/12/2024
PROJECT NO: 1084	DRAWING NO: DA08



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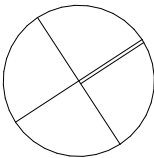
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NORTH POINT



CLIENTS:

NEIL BURNARD

SITE ADDRESS:

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MONA VALE, NSW, 2103

DRAWING TITLE:

PROPOSED GROUND FLOOR PLAN
1:200

SCALE:

1:200 @A3

DATE:

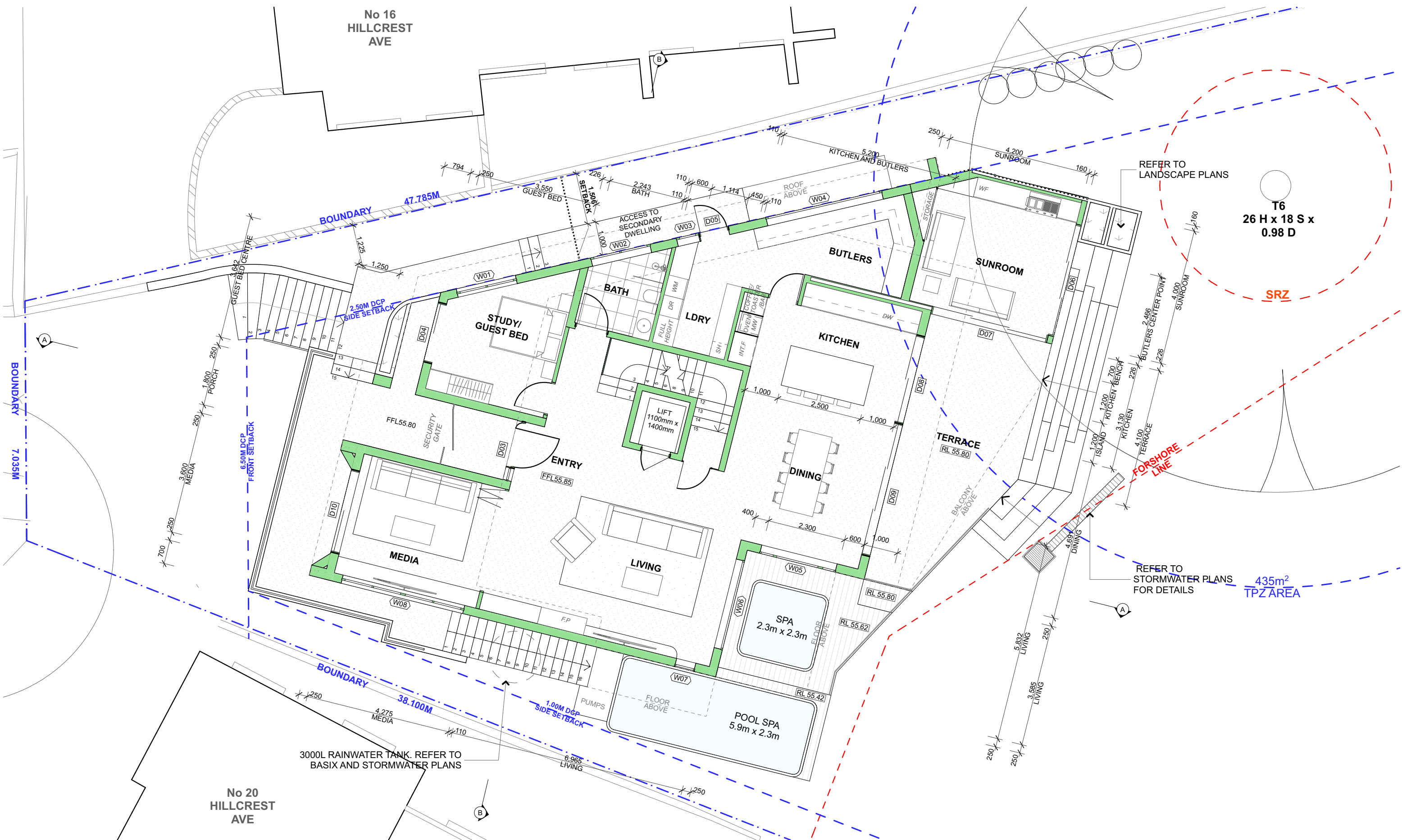
4/12/2024

PROJECT NO:

1084

DRAWING NO:

DA09



1 PROPOSED GROUND FLOOR PLAN 1:100



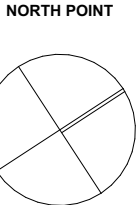
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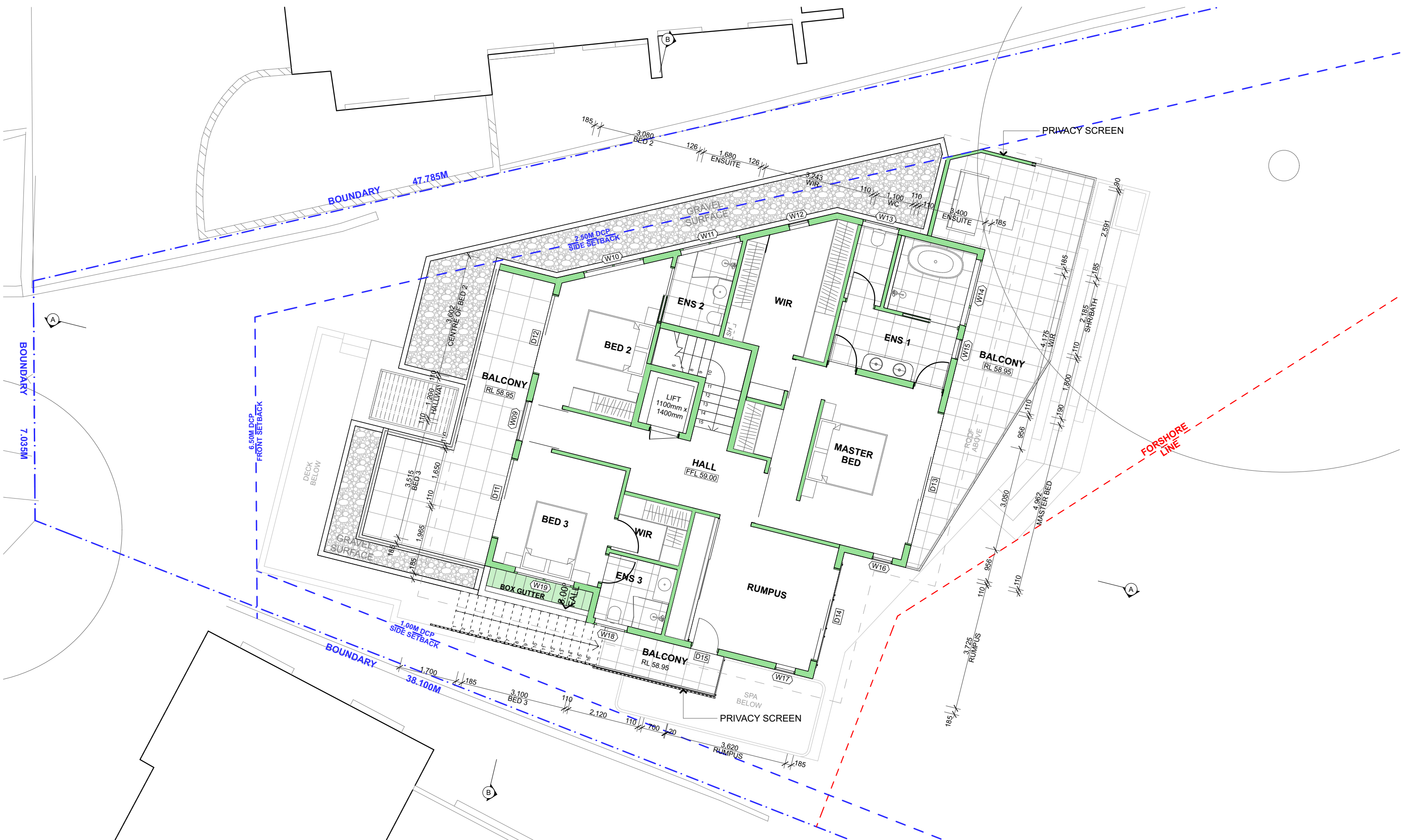
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MONA VALE, NSW, 2103

DRAWING TITLE: PROPOSED GROUND FLOOR PLAN	
SCALE: 1:100 @A3	DATE: 4/12/2024
PROJECT NO: 1084	DRAWING NO: DA10



1 PROPOSED FIRST FLOOR PLAN 1:100



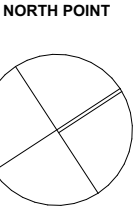
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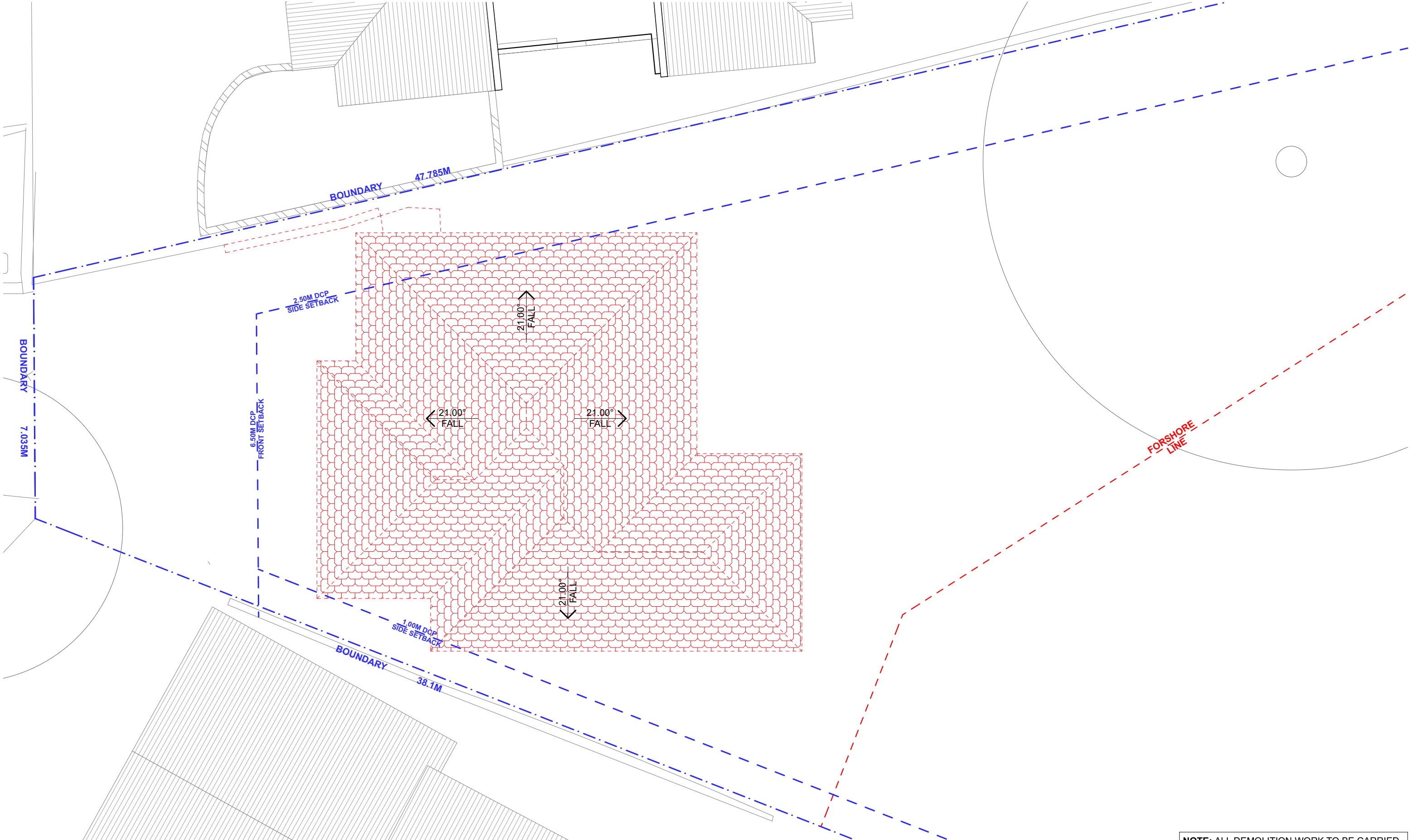
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MONA VALE, NSW, 2103

DRAWING TITLE:
PROPOSED FIRST FLOOR PLAN
SCALE:
1:100 @A3
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4/12/2024
PROJECT NO:
1084
DRAWING NO:
DA11



NOTE: ALL DEMOLITION WORK TO BE CARRIED OUT IN ACCORDANCE WITH AS2601-2001

1

EXISTING ROOF PLAN

1:100



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NOTES

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REV.	NOTES.	INITIAL	DATE
A	DA DOCUMENTATION	SB	09.09.24
B	DOOR&WINDOW SCHEDULE	SB	11.09.24

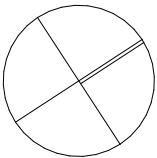
LEGEND

- EXISTING
- DEMOLISHED
- PROPOSED

ABBREVIATIONS

CPD: CUPBOARD
DP: DOWNPIPE
DPS: DOWN PIPE SPITTER
DPRH: DOWN PIPE RAIN HEAD
FFL: FINISHED FLOOR LEVEL
FW: FLOOR WASTE
HWS: HOT WATER SYSTEM
RL: REDUCED LEVEL
SA: SMOKE ALARM

NORTH POINT



CLIENTS:

NEIL BURNARD

SITE ADDRESS:

18 HILLCREST AVE
MONA VALE, NSW, 2103

DRAWING TITLE:

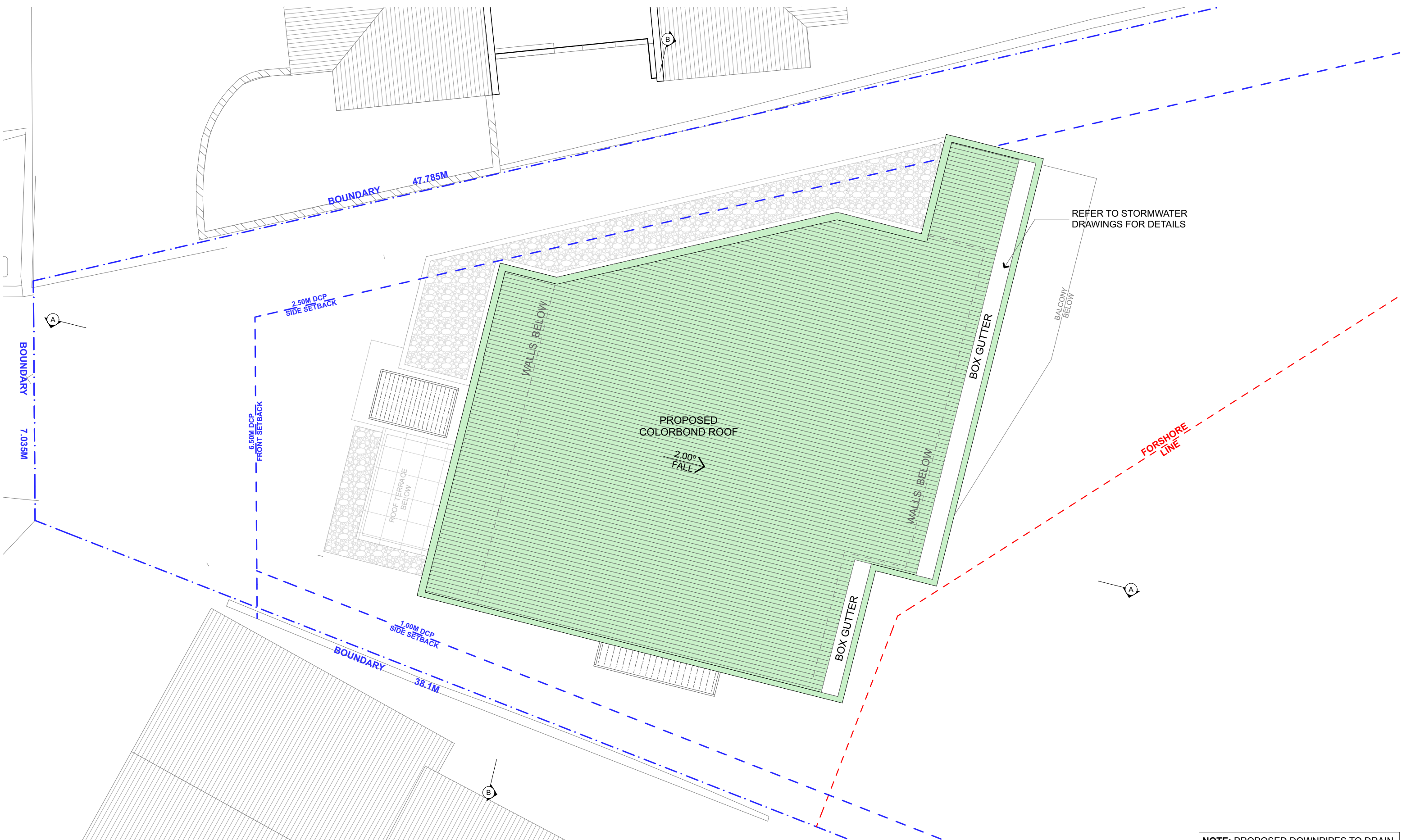
EXISTING ROOF PLAN

SCALE:
1:100 @A3

DATE:
4/12/2024

PROJECT NO:
1084

DRAWING NO:
DA12




1

PROPOSED ROOF PLAN

1:100

NOTE: PROPOSED DOWNPIPES TO DRAIN INTO EXISTING STORMWATER LINES



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A	DA DOCUMENTATION	SB	09.09.24
B	DOOR&WINDOW SCHEDULE	SB	11.09.24

LEGEND

EXISTING

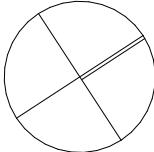
DEMOLISHED

PROPOSED

ABBREVIATIONS

CPD: CUPBOARD
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SA: SMOKE ALARM

NORTH POINT



CLIENTS:

NEIL BURNARD

SITE ADDRESS:

18 HILLCREST AVE
MONA VALE, NSW, 2103

DRAWING TITLE:

PROPOSED ROOF / CONCEPT STORMWATER PLAN

SCALE:

1:100 @A3

DATE:

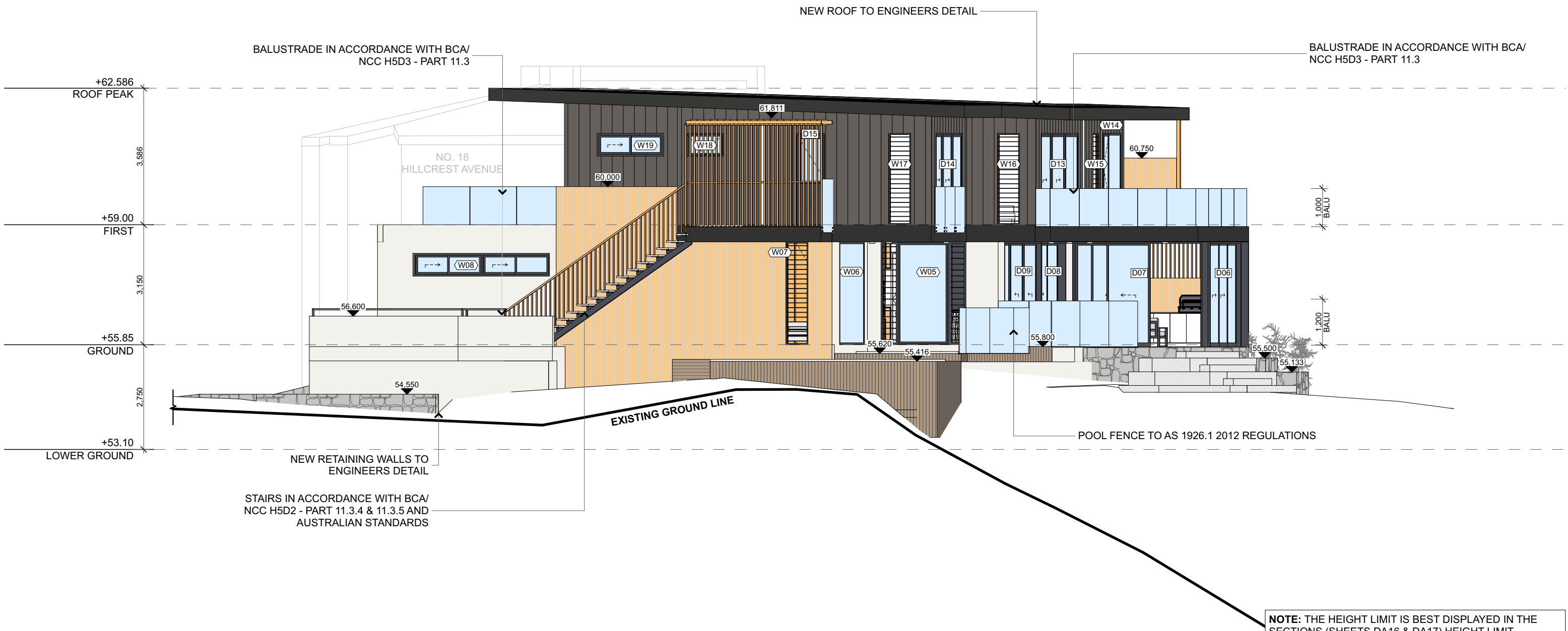
4/12/2024

PROJECT NO:

1084

DRAWING NO:


DA13

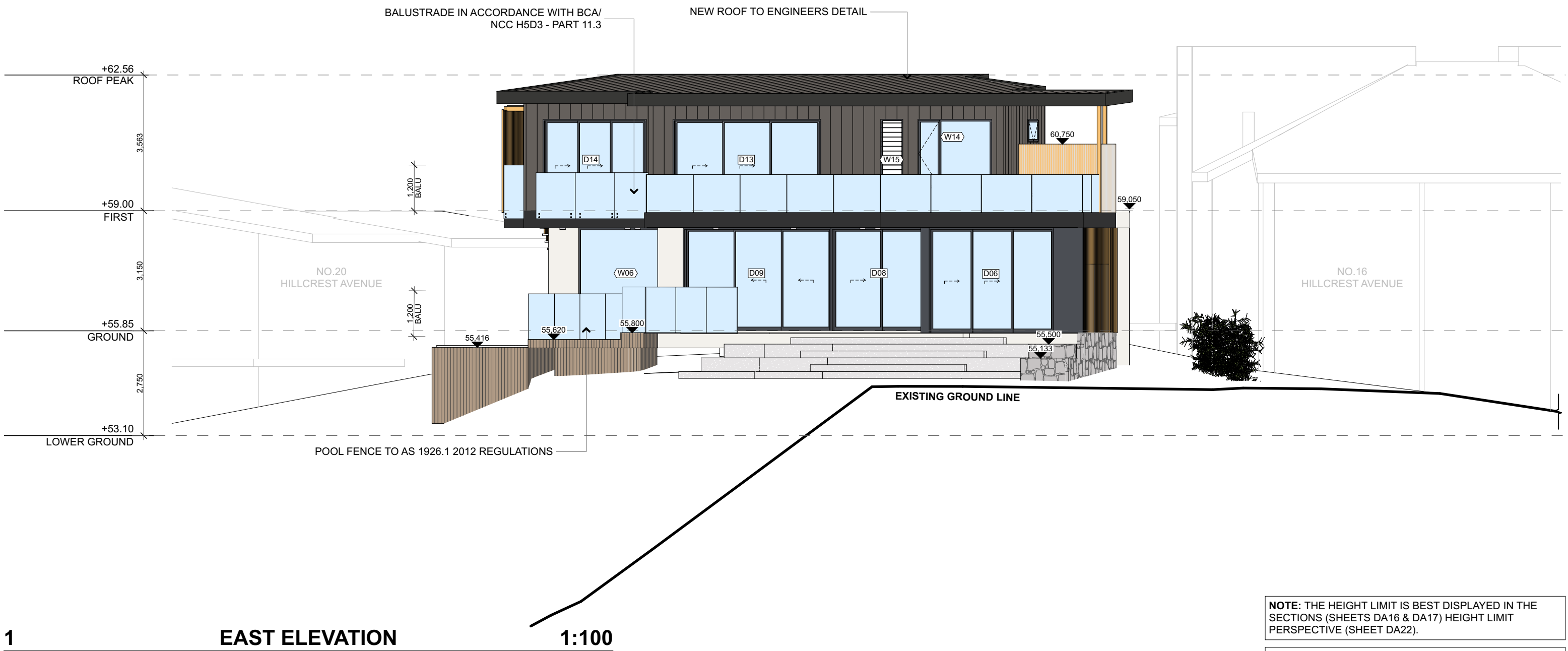













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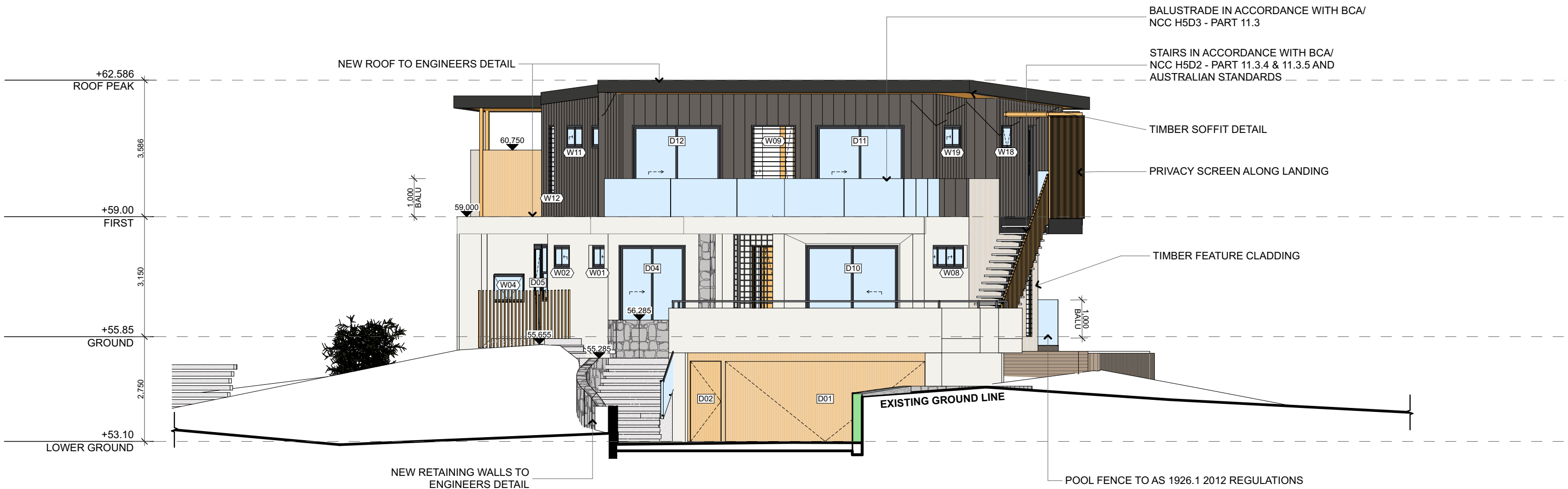
SOUTH ELEVATION

1:100

 <div>progressive plans 0400 699 850 16 BOWLING GREEN LANE AVALON, NSW, 2107 HELLO@PROGRESSIVEPLANS.COM.AU WWW.PROGRESSIVEPLANS.COM.AU</div>	NOTES THE BUILDER SHALL CHECK AND VERIFY ALL DIMENSIONS AND VERIFY ALL ERRORS AND OMISSIONS TO THE DRAFTING OFFICE. DO NOT SCALE THE DRAWING. DRAWINGS SHALL NOT BE USED FOR CONSTRUCTION PURPOSES UNTIL ISSUED BY THE DRAFTING OFFICE FOR CONSTRUCTION AND NOTED ON THE TITLE BLOCK. THE WORK MUST BE VERIFIED BY STRUCTURAL ENGINEER BEFORE WORK COMMENCES.	REV.	NOTES.	INITIAL	DATE	LEGEND <div>EXISTING</div> <div>DEMOLISHED</div> <div>CUT THROUGH PROPOSED</div> <div>CONCRETE FINISH</div> <div>GLASS</div> <div>CB WOODLAND GREY PANEL</div> <div>RENDERED WHITE FINISH</div> <div>SLATTED TIMBER FINSH</div> <div>TIMBER FINISH</div> <div>STONE CRAZY PAVING</div>	ABBREVIATIONS CPD: CUPBOARD DP: DOWNPIPE DPS: DOWN PIPE SPITTER DPRH: DOWN PIPE RAIN HEAD FFL: FINISHED FLOOR LEVEL HWS: HOT WATER SYSTEM RL: REDUCED LEVEL	CLIENTS: NEIL BURNARD SITE ADDRESS: 18 HILLCREST AVE MONA VALE, NSW, 2103	DRAWING TITLE: ELEVATIONS - SOUTH SCALE: 1:100 @A3 PROJECT NO: 1084	DATE: 4/12/2024 DRAWING NO: DA15
		A	DA DOCUMENTATION	SB	09.09.24					
		B	DOOR&WINDOW SCHEDULE	SB	11.09.24					



<div><div></div><div><div>progressive plans</div><div>0400 699 850 16 BOWLING GREEN LANE AVALON, NSW, 2107 HELLO@PROGRESSIVEPLANS.COM.AU WWW.PROGRESSIVEPLANS.COM.AU</div></div></div>	NOTES THE BUILDER SHALL CHECK AND VERIFY ALL DIMENSIONS AND VERIFY ALL ERRORS AND OMISSIONS TO THE DRAFTING OFFICE. DO NOT SCALE THE DRAWING. DRAWINGS SHALL NOT BE USED FOR CONSTRUCTION PURPOSES UNTIL ISSUED BY THE DRAFTING OFFICE FOR CONSTRUCTION AND NOTED ON THE TITLE BLOCK. THE WORK MUST BE VERIFIED BY STRUCTURAL ENGINEER BEFORE WORK COMMENCES.	REV.	NOTES.	INITIAL	DATE	LEGEND <div><div> EXISTING</div><div> DEMOLISHED</div><div> CUT THROUGH PROPOSED</div><div> CONCRETE FINISH</div><div> GLASS</div><div> CB WOODLAND GREY PANEL</div><div> RENDERED WHITE FINISH</div><div> SLATTED TIMBER FINSH</div><div> TIMBER FINISH</div><div> STONE CRAZY PAVING</div></div>	ABBREVIATIONS CPD: CUPBOARD DP: DOWNPIPE DPS: DOWN PIPE SPITTER DPRH: DOWN PIPE RAIN HEAD FFL: FINISHED FLOOR LEVEL HWS: HOT WATER SYSTEM RL: REDUCED LEVEL	CLIENTS: NEIL BURNARD SITE ADDRESS: 18 HILLCREST AVE MONA VALE, NSW, 2103	DRAWING TITLE: ELEVATIONS - EAST	
		A	DA DOCUMENTATION	SB	09.09.24				SCALE: 1:100 @A3	DATE: 4/12/2024
		B	DOOR&WINDOW SCHEDULE	SB	11.09.24				PROJECT NO: 1084	DRAWING NO: DA16




1

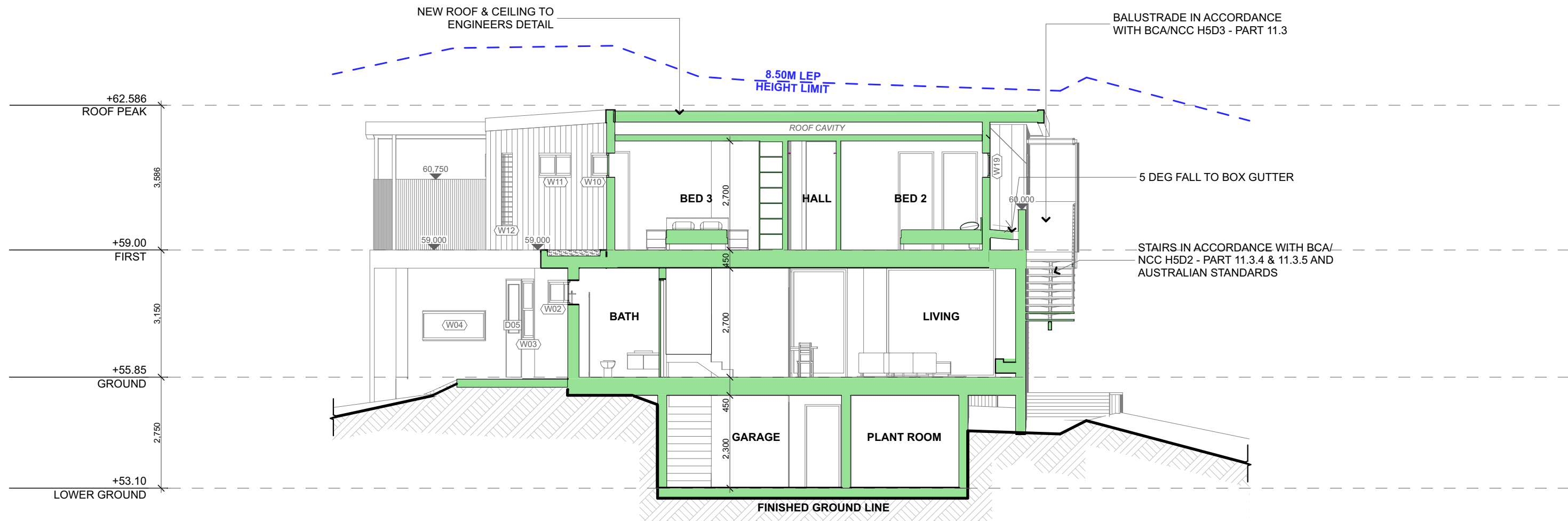
WEST ELEVATION

1:100

NOTE: THE HEIGHT LIMIT IS BEST DISPLAYED IN THE SECTIONS (SHEETS DA16 & DA17) HEIGHT LIMIT PERSPECTIVE (SHEET DA22).

NOTE: SITE BOUNDARIES & SETBACKS ARE BEST DISPLAYED ON FLOOR PLANS DUE TO THE EXTEND AND SHAPE OF THE LOT.

 <div>progressive plans 0400 699 850 16 BOWLING GREEN LANE AVALON, NSW, 2107 HELLO@PROGRESSIVEPLANS.COM.AU WWW.PROGRESSIVEPLANS.COM.AU</div>	NOTES THE BUILDER SHALL CHECK AND VERIFY ALL DIMENSIONS AND VERIFY ALL ERRORS AND OMISSIONS TO THE DRAFTING OFFICE. DO NOT SCALE THE DRAWING. DRAWINGS SHALL NOT BE USED FOR CONSTRUCTION PURPOSES UNTIL ISSUED BY THE DRAFTING OFFICE FOR CONSTRUCTION AND NOTED ON THE TITLE BLOCK. THE WORK MUST BE VERIFIED BY STRUCTURAL ENGINEER BEFORE WORK COMMENCES.	REV.	NOTES.	INITIAL	DATE	LEGEND <div>EXISTING</div> <div>DEMOLISHED</div> <div>CUT THROUGH PROPOSED</div> <div>CONCRETE FINISH</div> <div>GLASS</div> <div>CB WOODLAND GREY PANEL</div> <div>RENDERED WHITE FINISH</div> <div>SLATTED TIMBER FINSH</div> <div>TIMBER FINISH</div> <div>STONE CRAZY PAVING</div>	ABBREVIATIONS CPD: CUPBOARD DP: DOWNPIPE DPS: DOWN PIPE SPITTER DPRH: DOWN PIPE RAIN HEAD FFL: FINISHED FLOOR LEVEL HWS: HOT WATER SYSTEM RL: REDUCED LEVEL	CLIENTS: NEIL BURNARD SITE ADDRESS: 18 HILLCREST AVE MONA VALE, NSW, 2103	DRAWING TITLE: ELEVATIONS - WEST SCALE: 1:100 @A3 PROJECT NO: 1084	DATE: 4/12/2024 DRAWING NO: DA17
		A	DA DOCUMENTATION	SB	09.09.24					
		B	DOOR&WINDOW SCHEDULE	SB	11.09.24					

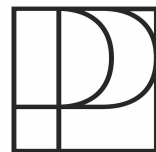


1

SECTION B

1:100

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REV.

NOTES.

INITIAL

DATE

A	DA DOCUMENTATION	SB	09.09.24
B	DOOR&WINDOW SCHEDULE	SB	11.09.24

LEGEND

- EXISTING
- DEMOLISHED
- PROPOSED

ABBREVIATIONS

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FFL: FINISHED FLOOR LEVEL
HWS: HOT WATER SYSTEM
RL: REDUCED LEVEL

CLIENTS:

NEIL BURNARD

SITE ADDRESS:

18 HILLCREST AVE
MONA VALE, NSW, 2103

DRAWING TITLE:

SECTION - B

SCALE:

1:100 @A3

PROJECT NO:

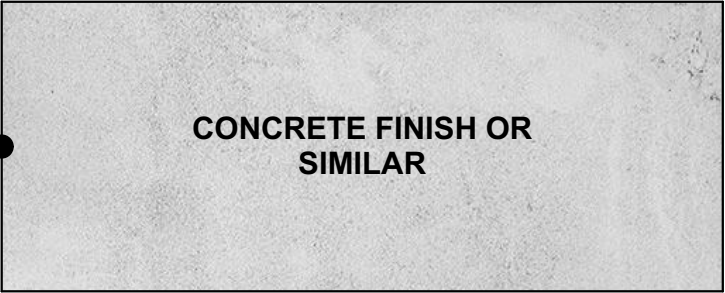
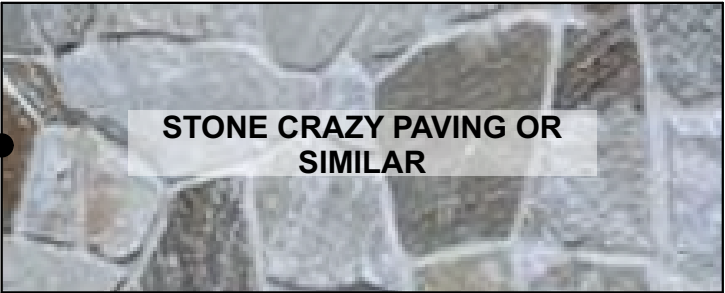
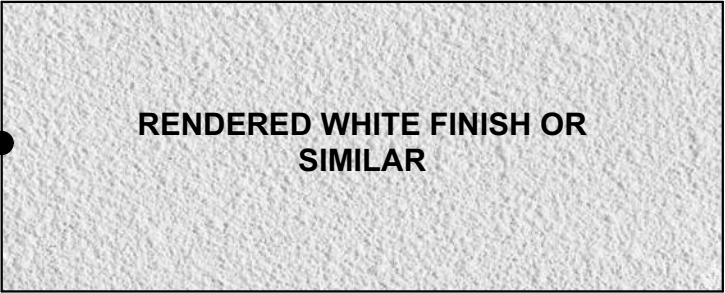
1084

DATE:

4/12/2024

DRAWING NO:

DA19



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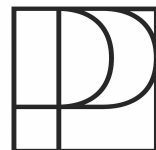
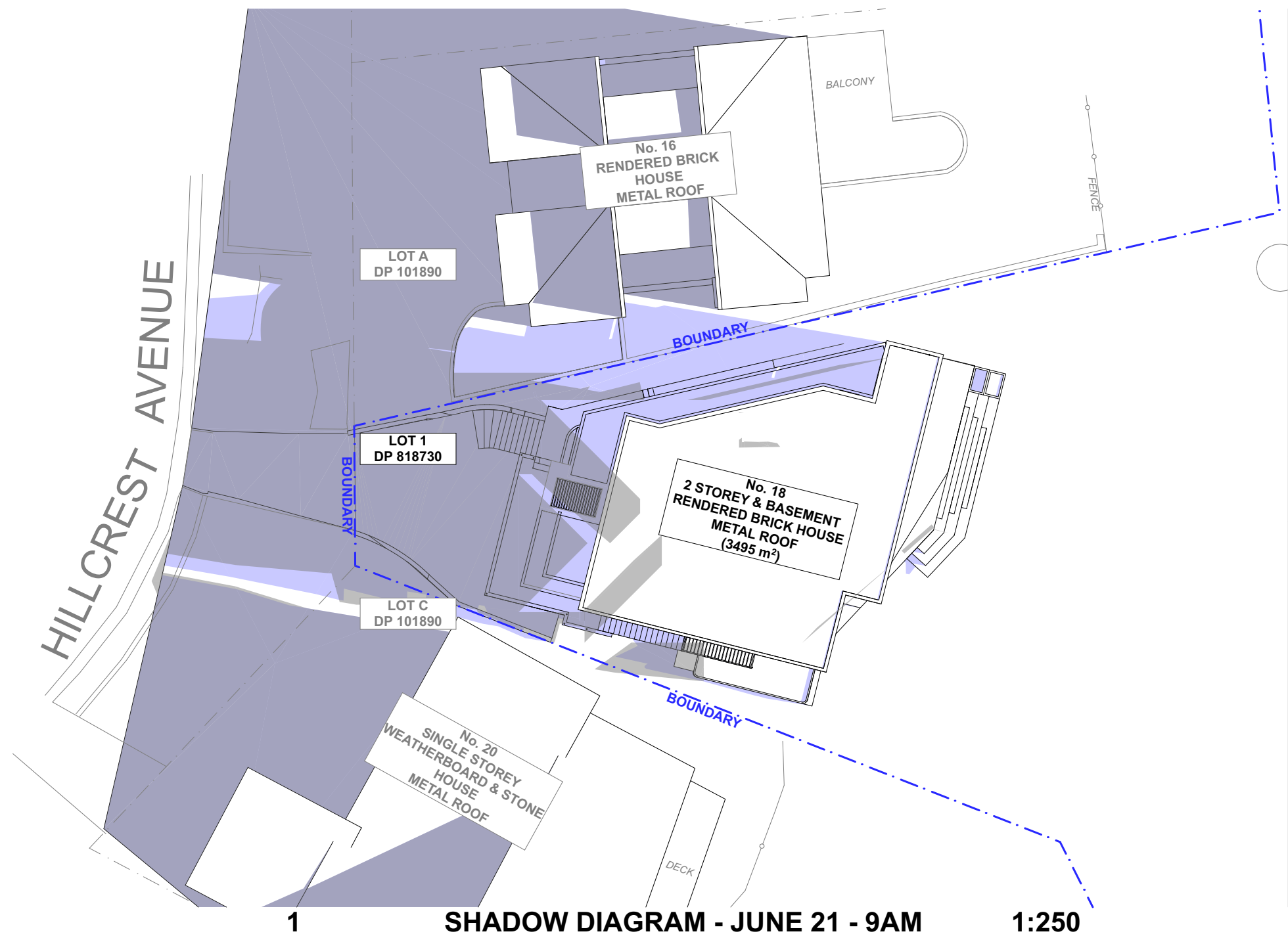
NOTES
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REV.	NOTES.	INITIAL	DATE
A	DA DOCUMENTATION	SB	09.09.24
B	DOOR&WINDOW SCHEDULE	SB	11.09.24

CLIENTS:
NEIL BURNARD

SITE ADDRESS:
18 HILLCREST AVE
MONA VALE, NSW, 2103

DRAWING TITLE: FINISHES BOARD	
SCALE: NTS	DATE: 4/12/2024
PROJECT NO: 1084	DRAWING NO: DA20



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B	DOOR&WINDOW SCHEDULE	SB	11.09.24

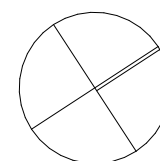
LEGEND

- EXISTING SHADOWS
- PROPOSED SHADOW REDUCTIONS
- PROPOSED SHADOW ADDITIONS

ABBREVIATIONS

DP: DEPOSIT PLAN
SP: STRATA PLAN

NORTH POINT



CLIENTS:

NEIL BURNARD

SITE ADDRESS:

18 HILLCREST AVE
MONA VALE, NSW, 2103

DRAWING TITLE:

SHADOW DIAGRAM - JUNE 21ST - 9AM

SCALE:

1:250 @A3

PROJECT NO:

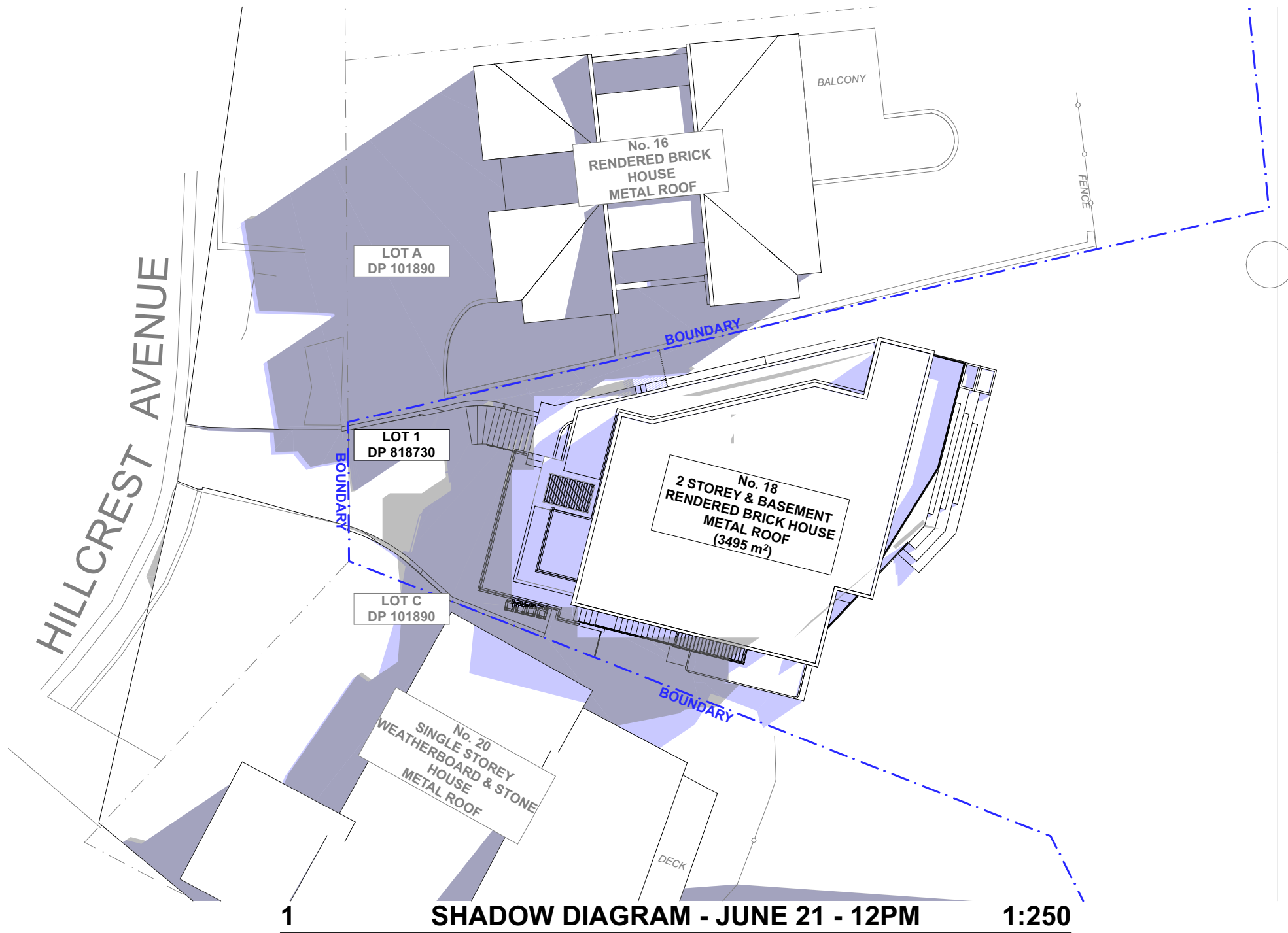
1084

DATE:

4/12/2024

DRAWING NO:

DA21



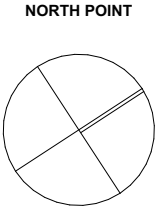
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REV.	NOTES.	INITIAL	DATE
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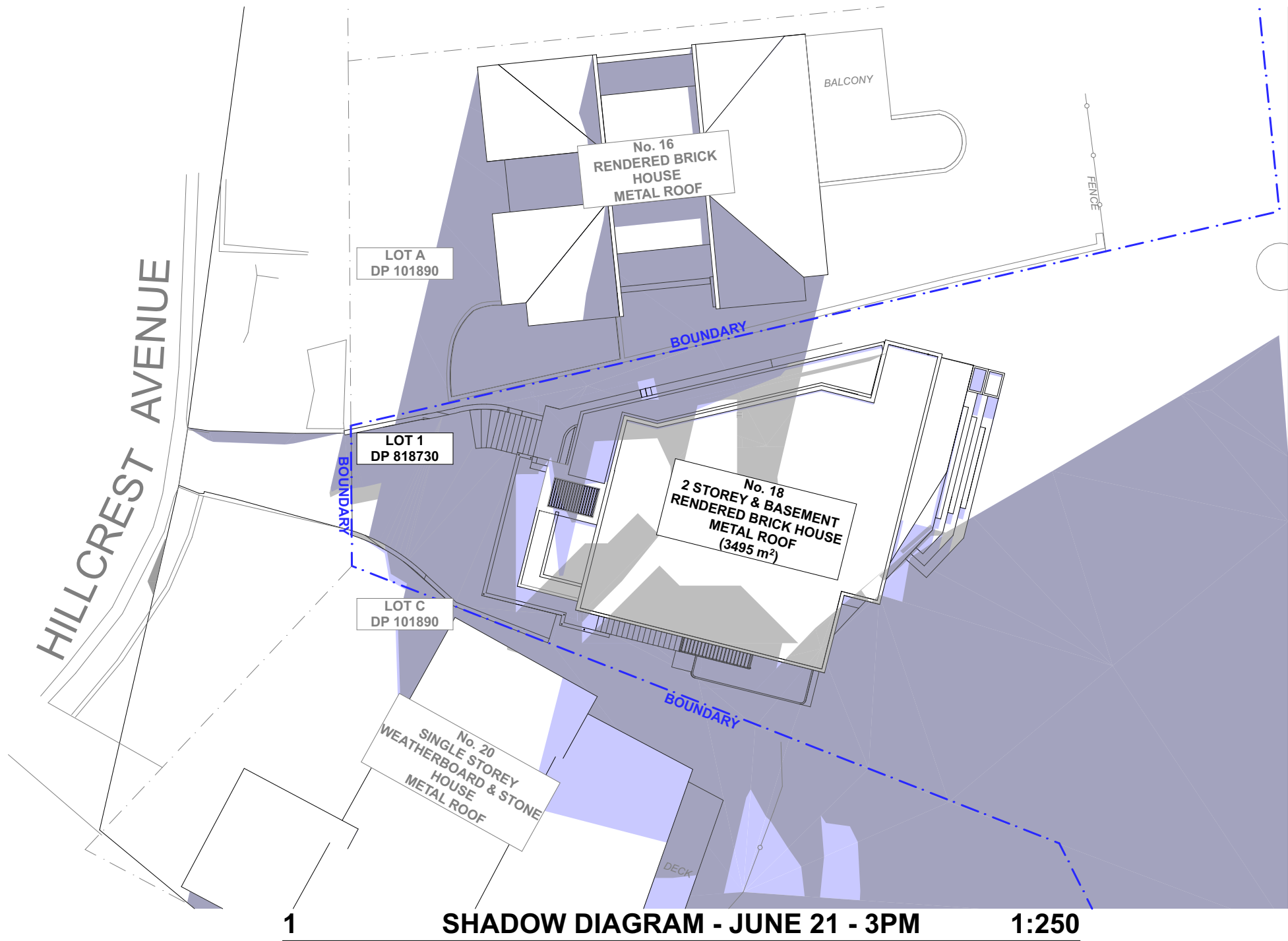
LEGEND
EXISTING SHADOWS
PROPOSED SHADOW REDUCTIONS
PROPOSED SHADOW ADDITIONS

ABBREVIATIONS
DP: DEPOSIT PLAN
SP: STRATA PLAN



CLIENTS: NEIL BURNARD
SITE ADDRESS: 18 HILLCREST AVE MONA VALE, NSW, 2103

DRAWING TITLE: SHADOW DIAGRAM - JUNE 21ST - 12PM	
SCALE: 1:250 @A3	DATE: 4/12/2024
PROJECT NO: 1084	DRAWING NO: DA22



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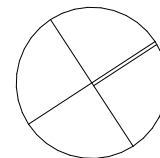
LEGEND

- EXISTING SHADOWS
- PROPOSED SHADOW REDUCTIONS
- PROPOSED SHADOW ADDITIONS

ABBREVIATIONS

DP: DEPOSIT PLAN
SP: STRATA PLAN

NORTH POINT



CLIENTS:

NEIL BURNARD

SITE ADDRESS:

18 HILLCREST AVE
MONA VALE, NSW, 2103

DRAWING TITLE:

SHADOW DIAGRAM - JUNE 21ST - 3PM

SCALE:

1:250 @A3

PROJECT NO:

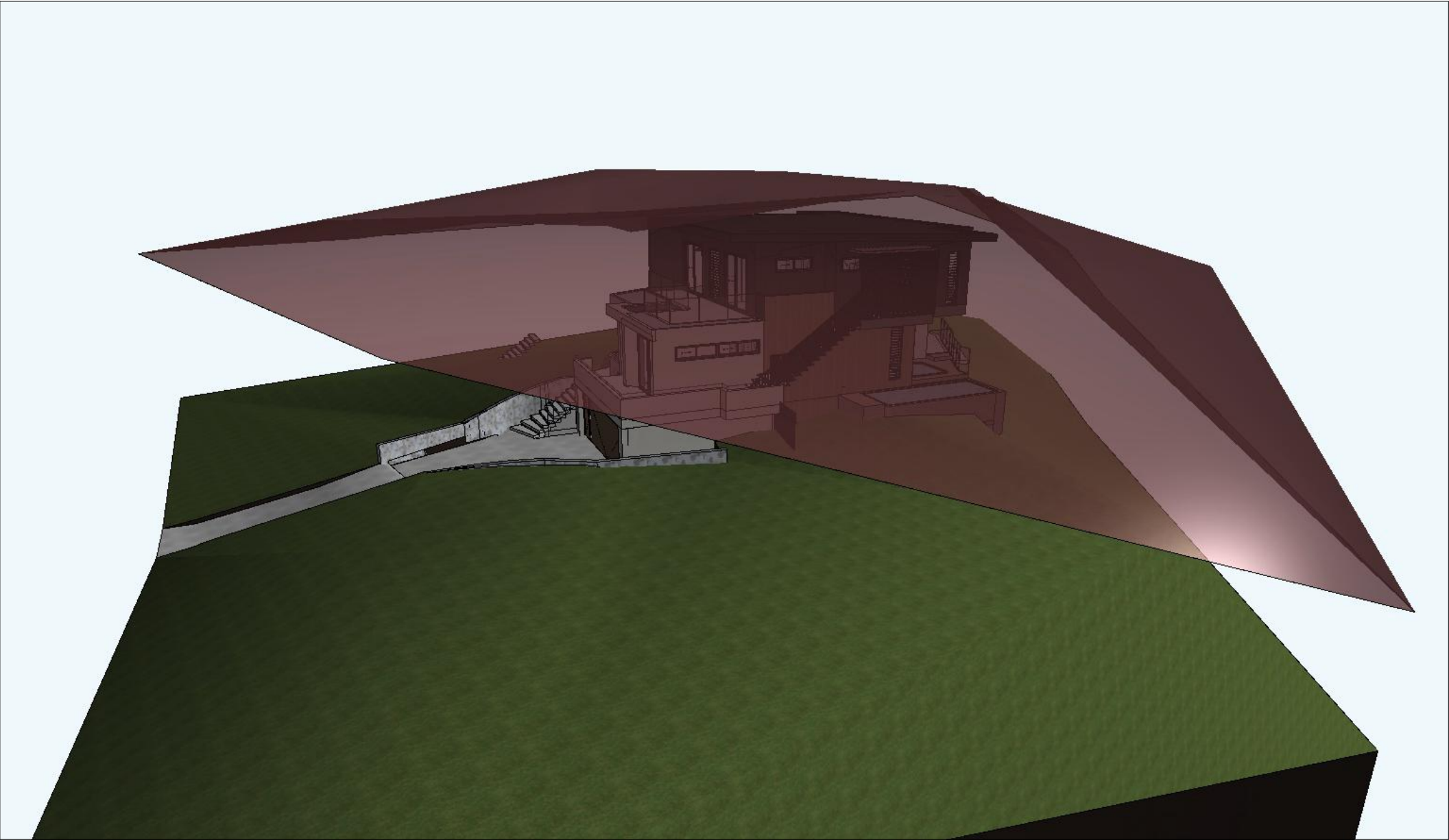
1084

DATE:

4/12/2024

DRAWING NO:

DA23



1

LEP HEIGHT LIMIT - 8.50M



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REV.	NOTES.	INITIAL	DATE
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B	DOOR&WINDOW SCHEDULE	SB	11.09.24

LEGEND

	EXISTING		CB WOODLAND GREY PANEL
	DEMOLISHED		RENDERED WHITE FINISH
	CUT THROUGH PROPOSED		SLATTED TIMBER FINSH
	CONCRETE FINISH		TIMBER FINISH
	GLASS		STONE CRAZY PAVING

ABBREVIATIONS

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RL: REDUCED LEVEL

CLIENTS:

NEIL BURNARD

SITE ADDRESS:

18 HILLCREST AVE
MONA VALE, NSW, 2103

DRAWING TITLE:

LEP HEIGHT LIMIT

SCALE:

1:100 @A3

DATE:

4/12/2024

PROJECT NO:

1084

DRAWING NO:

DA24

Single Dwelling

Certificate number: 1766586S

This certificate confirms that the proposed development will meet the NSW government's requirements for sustainability, if it is built in accordance with the commitments set out below. Terms used in this certificate, or in the commitments, have the meaning given by the document entitled "BASIX Definitions" dated 10/09/2020 published by the Department. This document is available at www.basix.nsw.gov.au

Secretary
Date of issue: Saturday, 28 September 2024
To be valid, this certificate must be submitted with a development application or lodged with a complying development certificate application within 3 months of the date of issue.



Project summary		
Project name	18 Hillcrest Avenue Mona Vale	
Street address	18 HILLCREST Avenue MONA VALE 2103	
Local Government Area	Northern Beaches Council	
Plan type and plan number	Deposited Plan DP818730	
Lot no.	1	
Section no.	-	
Project type	dwelling house (detached)	
No. of bedrooms	4	
Project score		
Water	✔ 40	Target 40
Thermal Performance	✔ Pass	Target Pass
Energy	✔ 84	Target 72
Materials	✔ -68	Target n/a

Project address	
Project name	18 Hillcrest Avenue Mona Vale
Street address	18 HILLCREST Avenue MONA VALE 2103
Local Government Area	Northern Beaches Council
Plan type and plan number	Deposited Plan DP818730
Lot no.	1
Section no.	-
Project type	
Project type	dwelling house (detached)
No. of bedrooms	4
Site details	
Site area (m²)	3495
Roof area (m²)	130
Conditioned floor area (m²)	213.0
Unconditioned floor area (m²)	23.2
Total area of garden and lawn (m²)	100
Roof area of the existing dwelling (m²)	0

Assessor details and thermal loads		
Assessor number	HERA10205	
Certificate number	S48QEENU8N	
Climate zone	56	
Area adjusted cooling load (MJ/ m².year)	10	
Area adjusted heating load (MJ/ m².year)	19	
Project score		
Water	✔ 40	Target 40
Thermal Performance	✔ Pass	Target Pass
Energy	✔ 84	Target 72
Materials	✔ -68	Target n/a

Water Commitments	Show on DA plans	Show on CC/CDC plans & specs	Certifier check
Landscape			
The applicant must plant indigenous or low water use species of vegetation throughout 70 square metres of the site.	✔	✔	
Fixtures			
The applicant must install showerheads with a minimum rating of 4 star (> 4.5 but <= 6 L/min plus spray force and/or coverage tests) in all showers in the development.		✔	✔
The applicant must install a toilet flushing system with a minimum rating of 5 star in each toilet in the development.		✔	✔
The applicant must install taps with a minimum rating of 5 star in the kitchen in the development.		✔	
The applicant must install basin taps with a minimum rating of 5 star in each bathroom in the development.		✔	
Alternative water			
Rainwater tank			
The applicant must install a rainwater tank of at least 3000 litres on the site. This rainwater tank must meet, and be installed in accordance with, the requirements of all applicable regulatory authorities.	✔	✔	✔
The applicant must configure the rainwater tank to collect rain runoff from at least 130 square metres of the roof area of the development (excluding the area of the roof which drains to any stormwater tank or private dam).		✔	✔
The applicant must connect the rainwater tank to: <ul style="list-style-type: none">at least one outdoor tap in the development (Note: NSW Health does not recommend that rainwater be used for human consumption in areas with potable water supply.)		✔	✔
Swimming Pool			

Water Commitments	Show on DA plans	Show on CC/CDC plans & specs	Certifier check
The swimming pool must not have a volume greater than 8.5 kilolitres.	✔	✔	
The swimming pool must be outdoors.	✔	✔	
Outdoor Spa			
The spa must not have a volume greater than 1.65 kilolitres.	✔	✔	
The spa must be shaded.	✔	✔	

Thermal Performance and Materials commitments	Show on DA plans	Show on CC/CDC plans & specs	Certifier check
Simulation Method			
Assessor details and thermal loads			
The applicant must attach the certificate referred to under "Assessor Details" on the front page of this BASIX certificate (the "Assessor Certificate") to the development application and construction certificate application for the proposed development (or, if the applicant is applying for a complying development certificate for the proposed development, to that application). The applicant must also attach the Assessor Certificate to the application for an occupation certificate for the proposed development.			
The Assessor Certificate must have been issued by an Accredited Assessor in accordance with the Thermal Comfort Protocol.			
The details of the proposed development on the Assessor Certificate must be consistent with the details shown in this BASIX certificate, including the Cooling and Heating loads shown on the front page of this certificate and the "Construction" and "Glazing" tables below.			
The applicant must show on the plans accompanying the development application for the proposed development, all matters which the Assessor Certificate requires to be shown on those plans. Those plans must bear a stamp of endorsement from the Accredited Assessor to certify that this is the case. The applicant must show on the plans accompanying the application for a construction certificate (or complying development certificate, if applicable), all thermal performance specifications set out in the Assessor Certificate, and all aspects of the proposed development which were used to calculate those specifications.	✔	✔	✔
The applicant must construct the development in accordance with all thermal performance specifications set out in the Assessor Certificate, and in accordance with those aspects of the development application or application for a complying development certificate which were used to calculate those specifications.		✔	✔
The applicant must show on the plans accompanying the development application for the proposed development, the locations of ceiling fans set out in the Assessor Certificate. The applicant must show on the plans accompanying the application for a construction certificate (or complying development certificate, if applicable), the locations of ceiling fans set out in the Assessor Certificate.	✔	✔	✔

Thermal Performance and Materials commitments	Show on DA plans	Show on CC/CDC plans & specs	Certifier check
Construction			
The applicant must construct the floors, walls, roofs, ceilings and glazing of the dwelling in accordance with the specifications listed in the tables below.	✔	✔	✔
The applicant must show through receipts that the materials purchased for construction are consistent with the specifications listed in the tables below.			✔

Construction	Area - m²	Insulation
floor - concrete slab on ground, conventional slab.	92	none
garage floor - concrete slab on ground, waffle pod slab.	92	none
external wall: cavity brick; frame: no frame.	161	foil-foam composite board
external wall: framed (metal clad); frame: timber - H2 treated softwood.	122	fibreglass batts or roll
internal wall: single skin masonry; frame: no frame.	93	none
internal wall: plasterboard; frame: timber - H2 treated softwood.	127	none
ceiling and roof - flat ceiling / pitched roof, framed - metal roof, timber - H2 treated softwood.	130	ceiling: fibreglass batts or roll; roof: foil backed blanket.

Thermal Performance and Materials commitments	Show on DA plans	Show on CC/CDC plans & specs	Certifier check
Glazing			
The applicant must install windows, glazed doors and skylights as described in the table below, in accordance with the specifications listed in the table.	✔	✔	✔

Frames	Maximum area - m2
aluminium	96.55
timber	0
uPVC	0
steel	0
composite	0

Glazing	Maximum area - m2
single	0
double	96.55
triple	0



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NOTES

THE BUILDER SHALL CHECK AND VERIFY ALL DIMENSIONS AND VERIFY ALL ERRORS AND OMISSIONS TO THE DRAFTING OFFICE. DO NOT SCALE THE DRAWING. DRAWINGS SHALL NOT BE USED FOR CONSTRUCTION PURPOSES UNTIL ISSUED BY THE DRAFTING OFFICE FOR CONSTRUCTION AND NOTED ON THE TITLE BLOCK. THE WORK MUST BE VERIFIED BY STRUCTURAL ENGINEER BEFORE WORK COMMENCES.

REV.

NOTES.

INITIAL

DATE

A	DA DOCUMENTATION	SB	09.09.24
B	DOOR&WINDOW SCHEDULE	SB	11.09.24

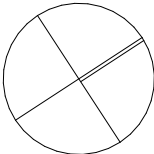
LEGEND

- EXISTING
- DEMOLISHED
- PROPOSED

ABBREVIATIONS

CPD: CUPBOARD
DP: DOWNPIPE
DPS: DOWN PIPE SPITTER
DPRH: DOWN PIPE RAIN HEAD
FFL: FINISHED FLOOR LEVEL
FW: FLOOR WASTE
HWS: HOT WATER SYSTEM
RL: REDUCED LEVEL
SA: SMOKE ALARM

NORTH POINT



CLIENTS:

NEIL BURNARD

SITE ADDRESS:

18 HILLCREST AVE
MONA VALE, NSW, 2103

DRAWING TITLE:

BASIX

SCALE: 1:1.72
@A3

PROJECT NO:

1084


DATE:

4/12/2024

DRAWING NO:

DA25

Energy Commitments	Show on DA plans	Show on CC/CDC plans & specs	Certifier check
Hot water			
The applicant must install the following hot water system in the development, or a system with a higher energy rating: electric heat pump with a performance of 31 to 35 STCs or better.	✔	✔	✔
Cooling system			
The applicant must install the following cooling system, or a system with a higher energy rating, in at least 1 living area: 1-phase airconditioning - ducted; Energy rating: 3 Star (old label)		✔	✔
The applicant must install the following cooling system, or a system with a higher energy rating, in at least 1 bedroom: 1-phase airconditioning - ducted; Energy rating: 3 Star (old label)		✔	✔
Heating system			
The applicant must install the following heating system, or a system with a higher energy rating, in at least 1 living area: 1-phase airconditioning - ducted; Energy rating: 3 Star (old label)		✔	✔
The applicant must install the following heating system, or a system with a higher energy rating, in at least 1 bedroom: 1-phase airconditioning - ducted; Energy rating: 3 Star (old label)		✔	✔
Ventilation			
The applicant must install the following exhaust systems in the development: At least 1 Bathroom: individual fan, ducted to façade or roof; Operation control: manual on / timer off Kitchen: individual fan, ducted to façade or roof; Operation control: manual switch on/off Laundry: individual fan, ducted to façade or roof; Operation control: manual on / timer off		✔ ✔ ✔	✔ ✔ ✔
Artificial lighting			
The applicant must ensure that a minimum of 80% of light fixtures are fitted with fluorescent, compact fluorescent, or light-emitting-diode (LED) lamps.		✔	✔
Natural lighting			
The applicant must install a window and/or skylight in the kitchen of the dwelling for natural lighting.	✔	✔	✔
The applicant must install a window and/or skylight in 4 bathroom(s)/toilet(s) in the development for natural lighting.	✔	✔	✔
Swimming pool			
The applicant must install the following heating system for the swimming pool in the development (or alternatively must not install any heating system for the swimming pool): electric heat pump		✔	
The applicant must install the following pump for the swimming pool in the development, or a pump with a higher energy rating: single speed with a performance of 4 stars.		✔	
The applicant must install a timer for the swimming pool pump in the development.		✔	
Outdoor spa			
The applicant must install the following heating system for the spa in the development (or alternatively must not install any heating system for the spa): electric heat pump		✔	
The applicant must install a timer for the spa pump in the development.		✔	
Alternative energy			
The applicant must install a photovoltaic system as part of the development. The applicant must connect this system to the development's electrical system.	✔	✔	✔
The photovoltaic system must consist of: <ul style="list-style-type: none">photovoltaic collectors with the capacity to generate at least 4 peak kilowatts of electricity, installed at an angle between 0 degrees and 10 degrees to the horizontal facing west	✔	✔	✔
Other			
The applicant must install a fixed outdoor clothes drying line as part of the development.		✔	
Legend			
In these commitments, "applicant" means the person carrying out the development.			
Commitments identified with a ✔ in the "Show on DA plans" column must be shown on the plans accompanying the development application for the proposed development (if a development application is to be lodged for the proposed development).			
Commitments identified with a ✔ in the "Show on CC/CDC plans and specs" column must be shown in the plans and specifications accompanying the application for a construction certificate / complying development certificate for the proposed development.			
Commitments identified with a ✔ in the "Certifier check" column must be certified by a certifying authority as having been fulfilled, before a final occupation certificate (either interim or final) for the development may be issued.			



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REV.	NOTES.	INITIAL	DATE
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B	DOOR&WINDOW SCHEDULE	SB	11.09.24

LEGEND

EXISTING

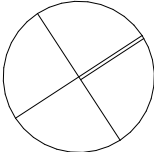
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