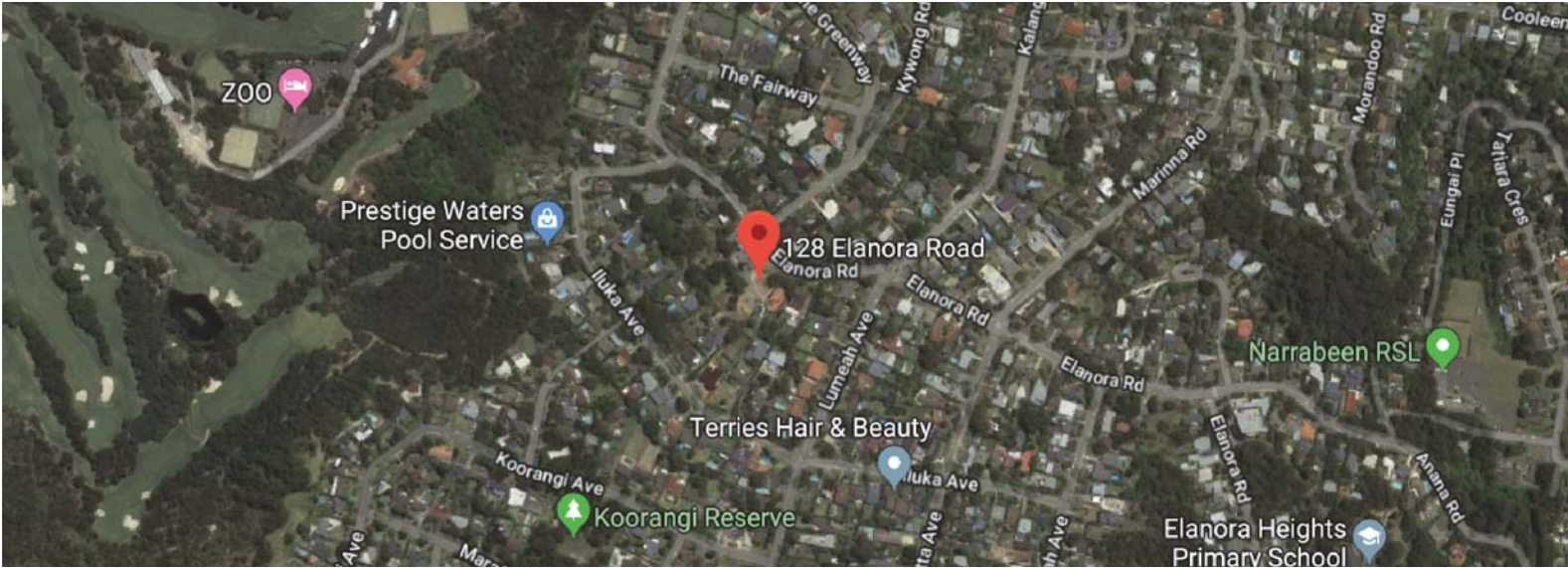




NTS

LOCATION PLAN



INDEX	LAYOUT	DRAWING		UPDATED DATE
		ID	NAME	
APPLICATION PACKAGE				
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	A0 COVER PAGE		DRAWING LIST	20/02/2020 12:40 PM
	A0 COVER PAGE		FRONT RENDER	20/02/2020 12:40 PM
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SITE INFORMATION :

Climate Zone

5

Wind Class

N2 (AS 4055-2006)

Soil Class

Unconfirmed (AS 2870-2011)

BAL

N/A

Alpine Area

<300 (Figure 3.7.5.2 NCC 2016 Vol. 2)

Corrosion Environment

Medium (Table 3.5.1.1a NCC 2016 Vol. 2)

Other Hazards

Earthquake, flooding, landslip, dispersive soils, sand dunes, mine subsidence, landfill, snow & ice or other relevant factors

Drawn | Checked KS |

Plot Date: 20/02/2020

Lot/Sec./DP: Lot 1, DP 1237847

The Rubix Collective
Contemporary Residential Designers

Newcastle: Ph +61 02 4089 4520

Sydney: Ph +61 02 9844 9847

office@therubixcollective.com

www.therubixcollective.com

DRAWING TITLE :

19128ELA
Lot 1, 128 Elanora Rd

PROJECT NAME :

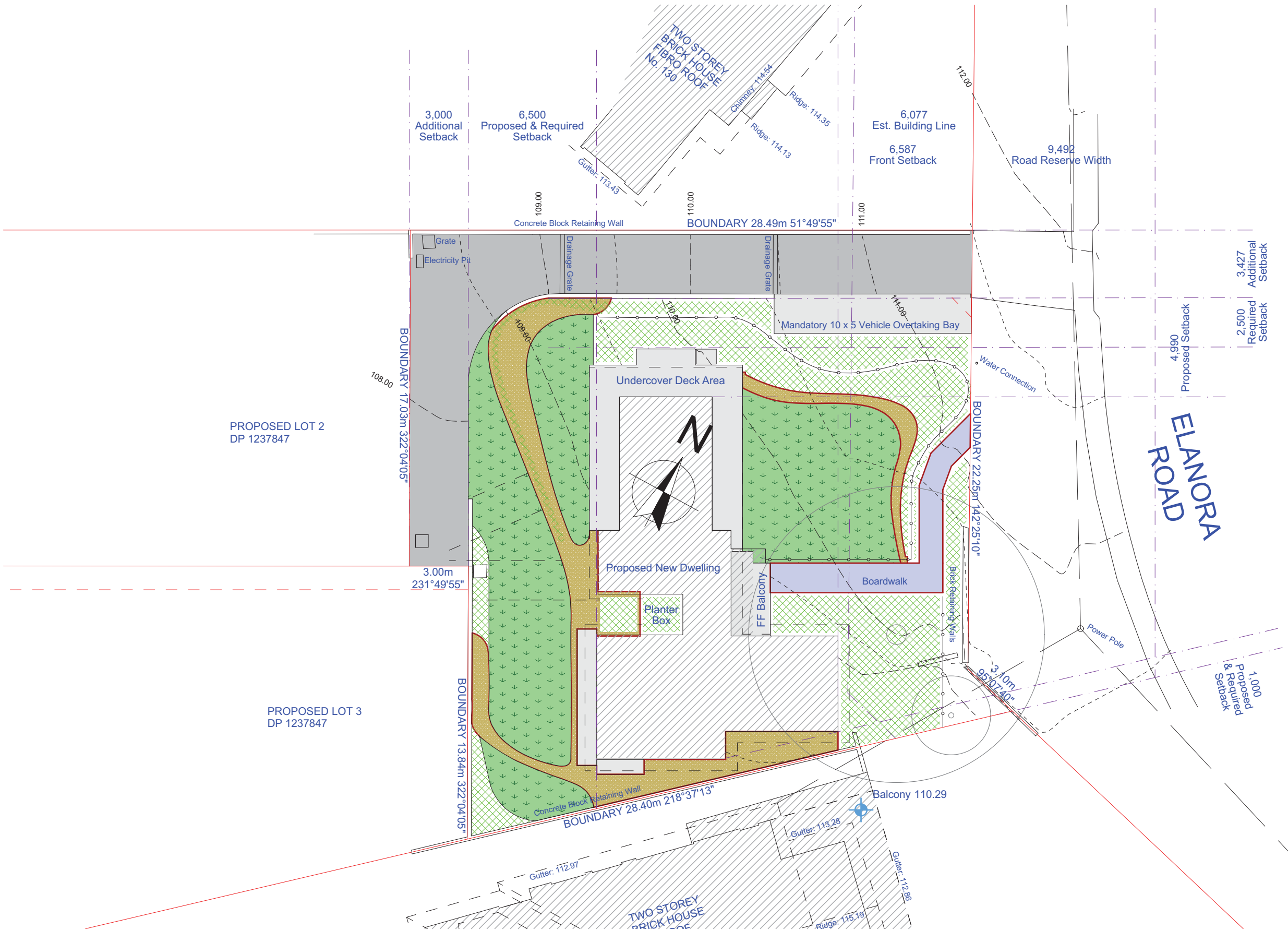
Elanora Passive

REVISION NO.

02

DRAWING NO.

A0



SITE PLAN LEGEND & NOTES

Existing Relative Level

Proposed Relative Level

Contour Interval = 0.5m

- Landscaped area calculations and further landscape details shown on A5.1 landscape plan

- For further Driveway details see A5.4 Driveway Plan & Section

- For further excavation information see A5.3 Excavation & Fill Plan

1

SITE ANALYSIS
1:200

5.4
NATIONWIDE
HOUSE
ENERGY RATING SCHEME
58.7 MJ/m²
www.nathers.gov.au

Certificate no.: 0004643268
Assessor Name: Tracey Cools
Accreditation no.: HERA10033
Certificate date: 03 Mar 2020
Dwelling Address: 128 Elanora Road
Elanora Heights, NSW
2101
www.nathers.gov.au

NOTE
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www.rubixcollective.com
office@rubixcollective.com

RevID	ChID	Change Name	Date

Drawn | Checked KS |
Plot Date: 20/02/2020
Sheet Size: A3
Project NO: 19128ELA
Project Status: For Coordination

Client: Clair & Peter Shilling
Site: Lot 1, 128 Elanora Rd Elanora
Heights NSW 2101 Australia



DRAWING TITLE :

SITE DRAWINGS
SITE PLAN

PROJECT NAME :

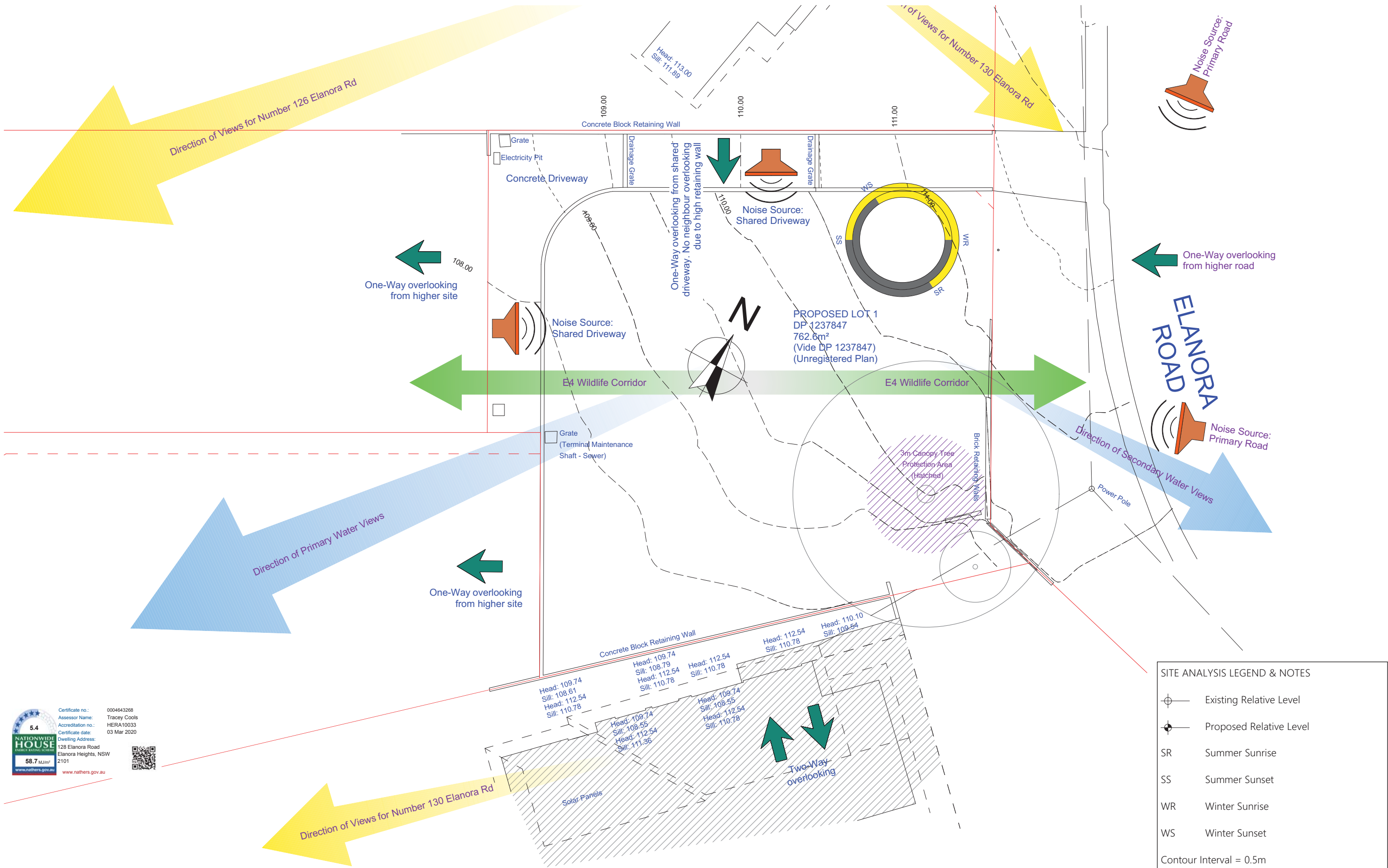
Elanora Passive

REVISION NO.

01

DRAWING NO.

A1.1



5.4
NATIONWIDE HOUSE
ENERGY RATING SCHEME
58.7 U_{all} m²
www.nathers.gov.au

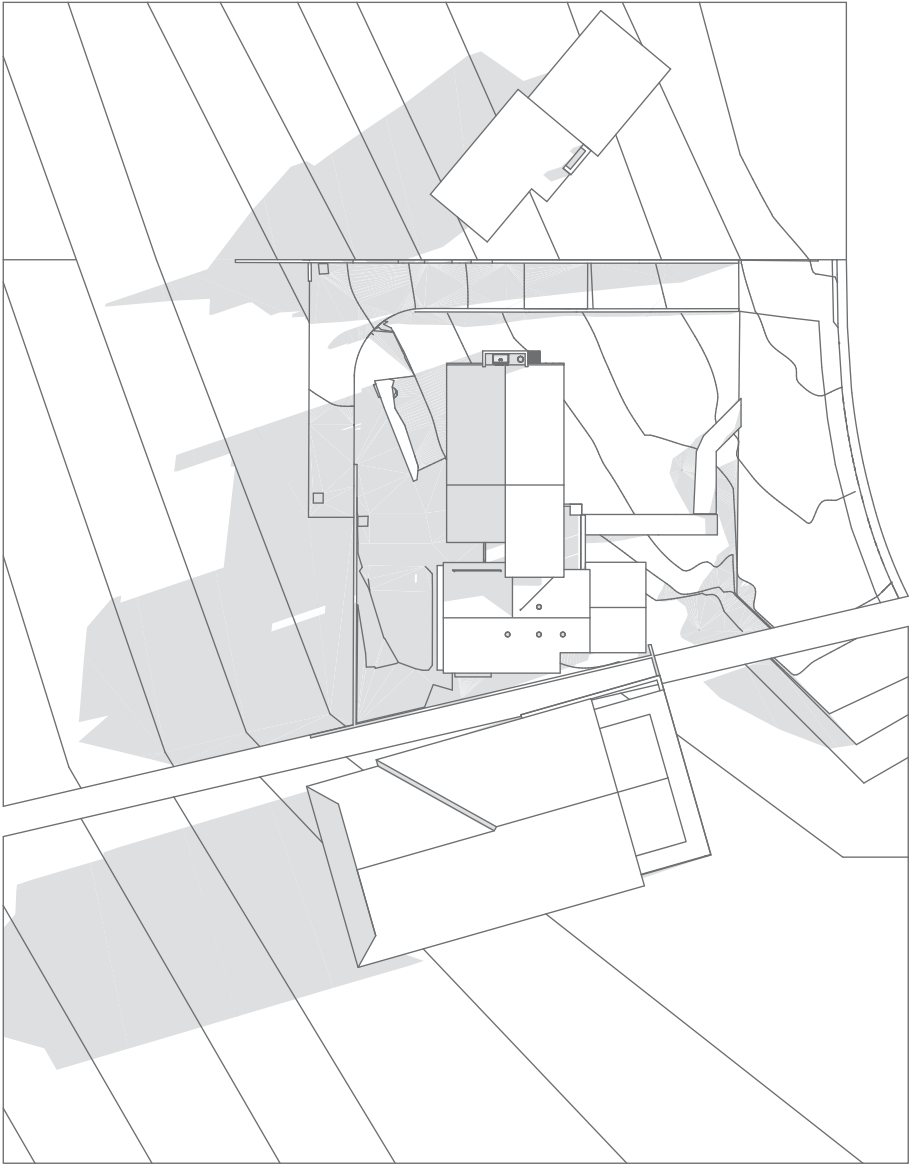
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Elanora Heights, NSW 2101
www.nathers.gov.au

NOTES

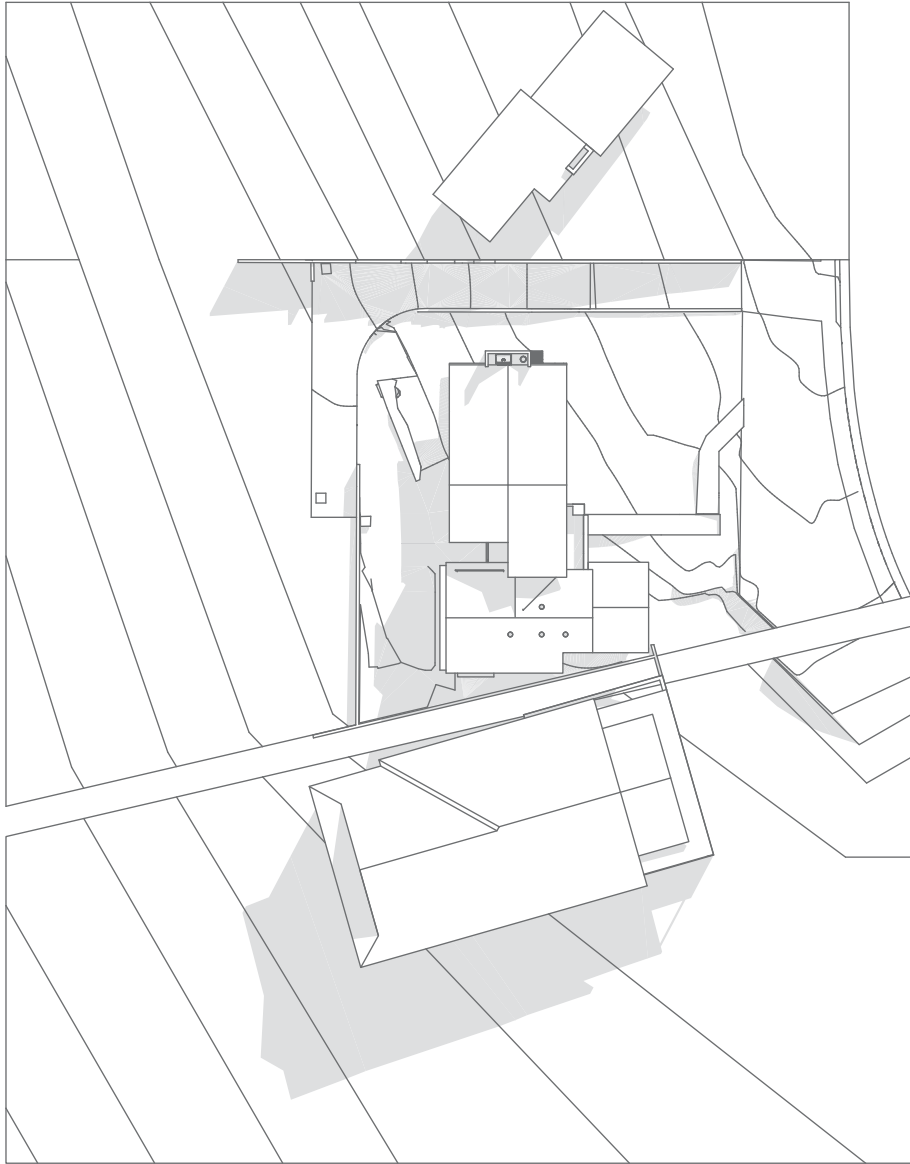
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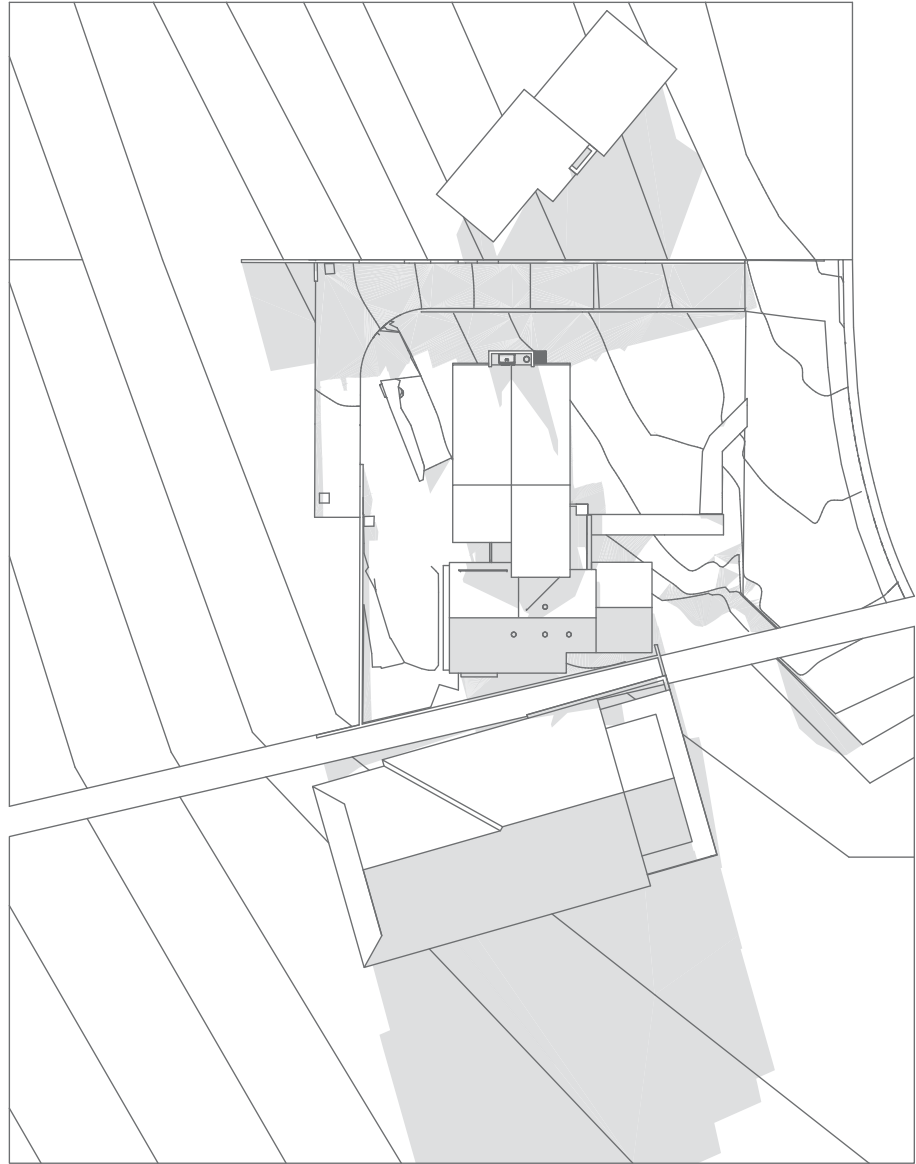
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01 SHADOW PLAN 21 JUN at 0900h
1:500



02 SHADOW PLAN 21 JUN at 1200h
1:500



03 SHADOW PLAN 21 JUN at 1500h
1:500



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Accreditation no.: HERA10033
Certificate date: 03 Mar 2020
Dwelling Address: 128 Elanora Road
Elanora Heights, NSW
2101
www.nathers.gov.au

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RevID	ChID	Change Name	Date

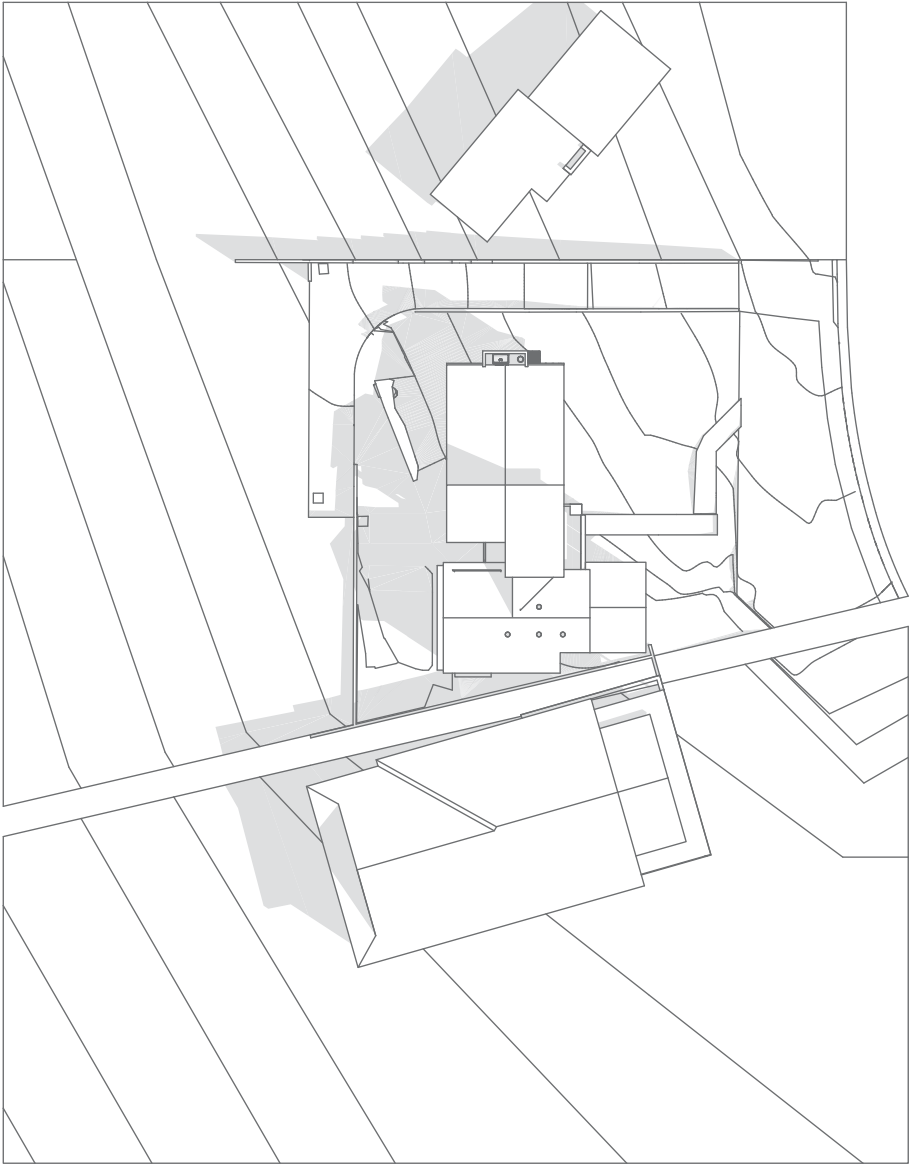
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Plot Date: 20/02/2020
Sheet Size: A3
Project NO: 19128ELA
Project Status: For Coordination

Client Site: Clair & Peter Shilling
Lot 1, 128 Elanora Rd Elanora
Heights NSW 2101 Australia



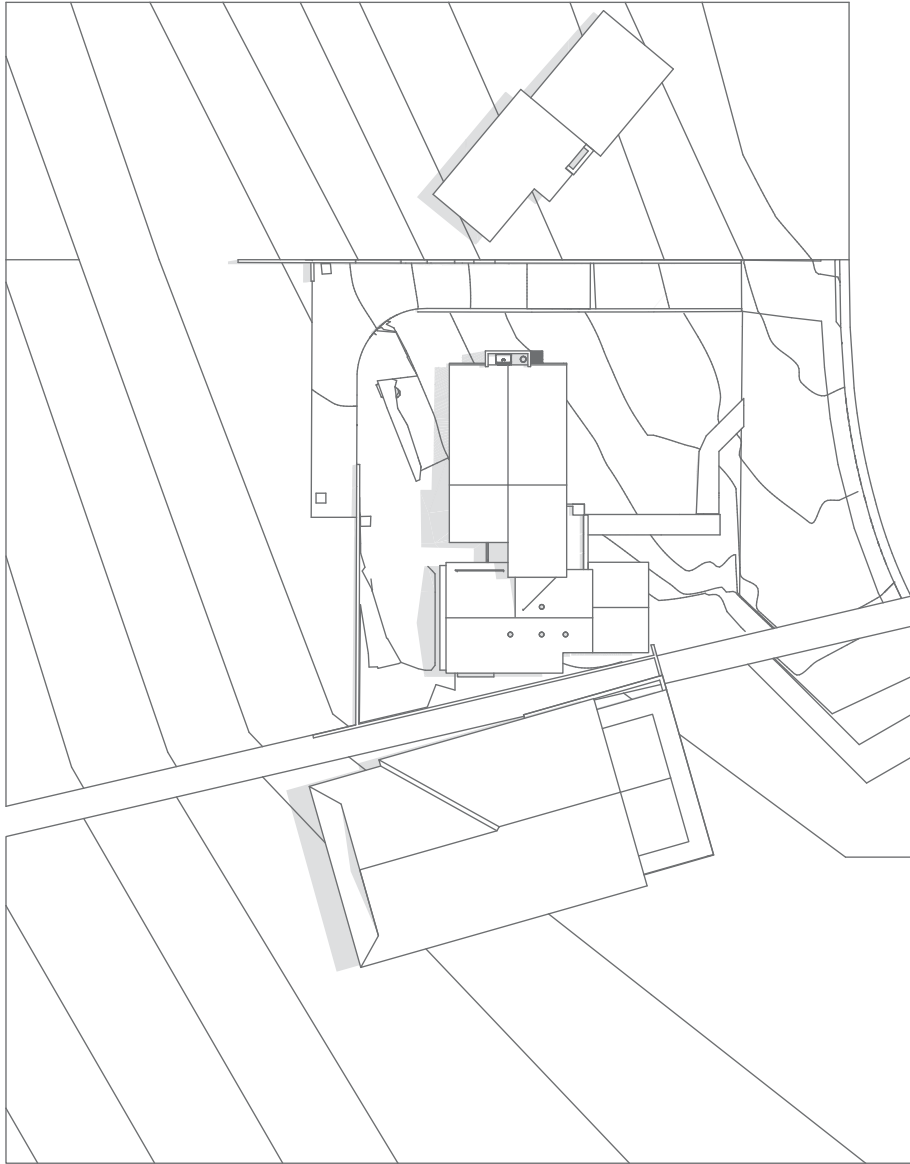
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SHADOW PLANS
JUNE SHADOW PLANS
PROJECT NAME :
Elanora Passive

REVISION NO:
02
DRAWING NO:
A1.301



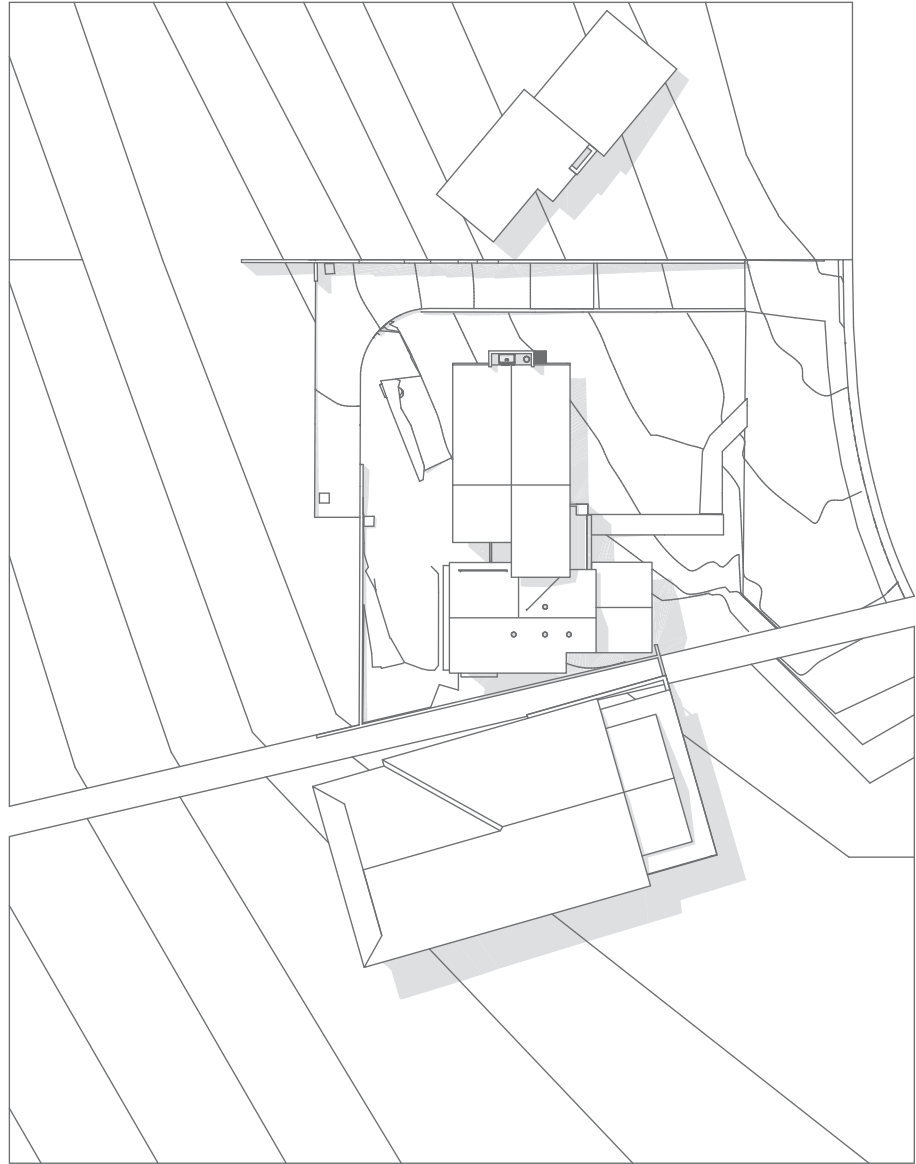
04

SHADOW PLAN 21 DEC at 0900h
1:500



05

SHADOW PLAN 21 DEC at 1200h
1:500



06

SHADOW PLAN 21 DEC at 1500h
1:500

5.4

NATIONWIDE
HOUSE

58.7 m²

www.nathers.gov.au

Certificate no.: 0004643268

Assessor Name: Tracey Cools

Accreditation no.: HERA10033

Certificate date: 03 Mar 2020

Dwelling Address:
128 Elanora Road
Elanora Heights, NSW
2101

www.nathers.gov.au

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RevID	ChID	Change Name	Date

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Sheet Size: A3
Project NO: 19128ELA
Project Status: For Coordination

Client
Site: Clair & Peter Shilling
Lot 1, 128 Elanora Rd Elanora
Heights NSW 2101 Australia

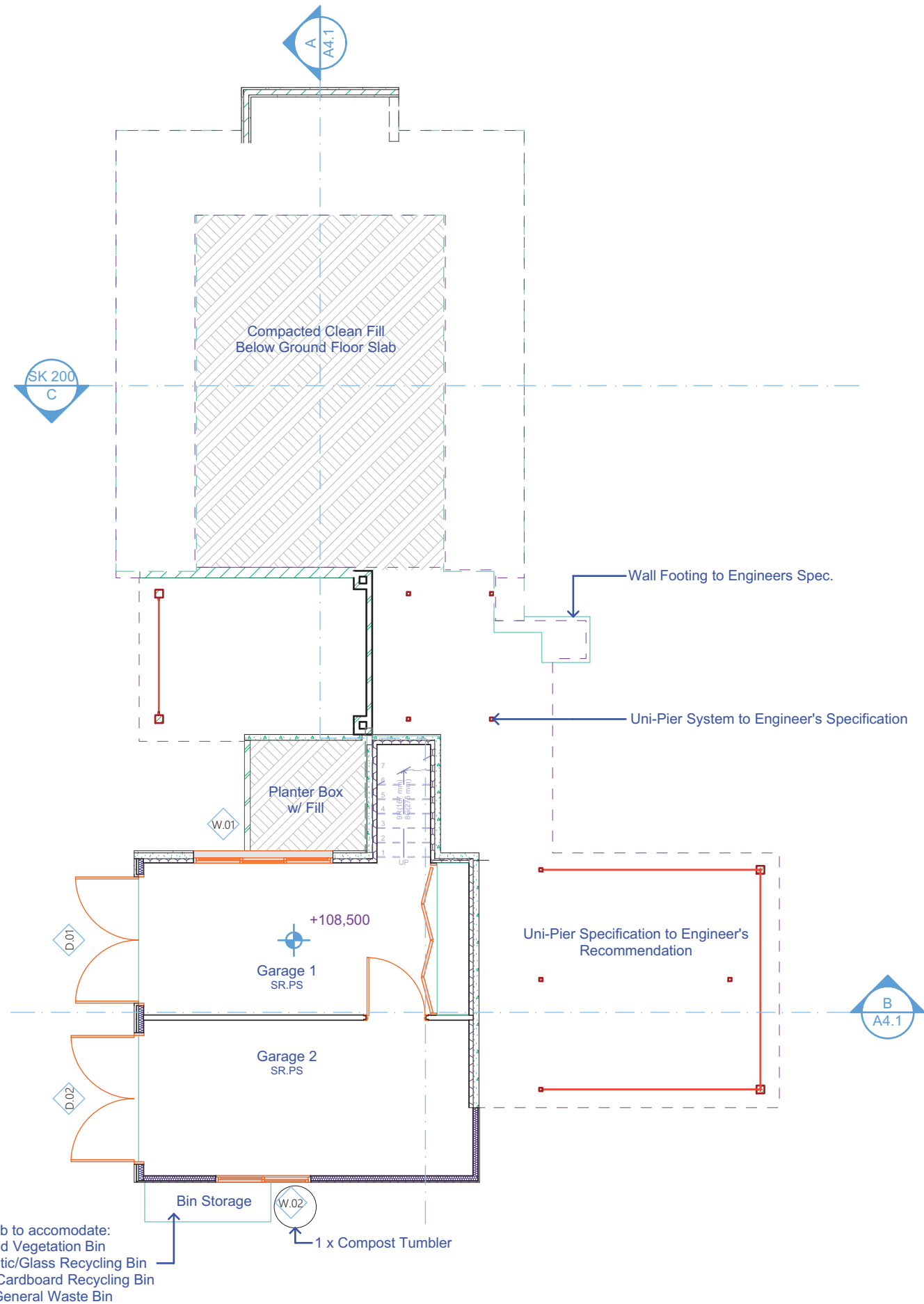


DRAWING TITLE : SHADOW PLANS
**DECEMBER SHADOW
PLANS**

PROJECT NAME :
Elanora Passive

REVISION NO.
02

DRAWING NO.
A1.302



FLOOR PLAN LEGEND & NOTES

FF.C+
(FF) = Floor Construction Type (C) = Floor Finish (+) = Plasterboard lined underside

FLOOR CONSTRUCTION TYPE QUICK REF.

FF	Framed Floor
SR	Stiffened Raft Slab
SS	Suspended Slab
SP	Structurally Insulated Panel
CL	Cross Laminated Timber

FLOOR FINISH REFERENCE

CT	Ceramic Floor Tile - Dry Area
CW	Ceramic Floor Tile - Wet Area
PT	Porcelain Floor Tile - Dry Area
PW	Porcelain Floor Tile - Wet Area
HT	Hardwood Floorboards
EF	Engineered Floating Floorboards
FL	Laminate Floating Floorboards
PS	Polished Slab
SC	Sealed Concrete Slab
C	Carpet w/ Underlay

DP Downpipe

W.T.T Wall-Type Transition Point (Used when the construction type changes on walls aligned in the same direction)

- Existing floors are shown with black label text, new floors are shown with blue label text. On occasion an existing floor may have a new finish or a new ceiling lining on the underside. In this case, the parts of the label referencing the finish/ceiling will be shown blue whilst the construction type is shown black. Assumptions have been made regarding existing floor construction, core and skins. Builder to site check and confirm all floor construction types are consistent with the plans and immediately notify the designer and engineer if otherwise.

- In case of conflict, all structural details on this plan are superseded by the Structural Engineer's Drawings.

- For wall construction and finish details see A6.1 Wall schedule. (E.g. LC.61, IP.11, etc.)

5.4
NATIONWIDE HOUSE
FAIRLY RATING, 5.4/5.0
58.7 MJ/m²
www.nathurs.gov.au

Certificate no.: 0004643268
Assessor Name: Tracey Cools
Accreditation no.: HERA10033
Certificate date: 03 Mar 2020
Dwelling Address: 128 Elanora Road, Elanora Heights, NSW 2101
www.nathurs.gov.au

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RevID	ChID	Change Name	Date

Drawn | Checked KS |
Plot Date: 20/02/2020
Sheet Size: A3
Project NO: 19128ELA
Project Status: For Coordination

Client: Clair & Peter Shilling
Site: Lot 1, 128 Elanora Rd Elanora Heights NSW 2101 Australia

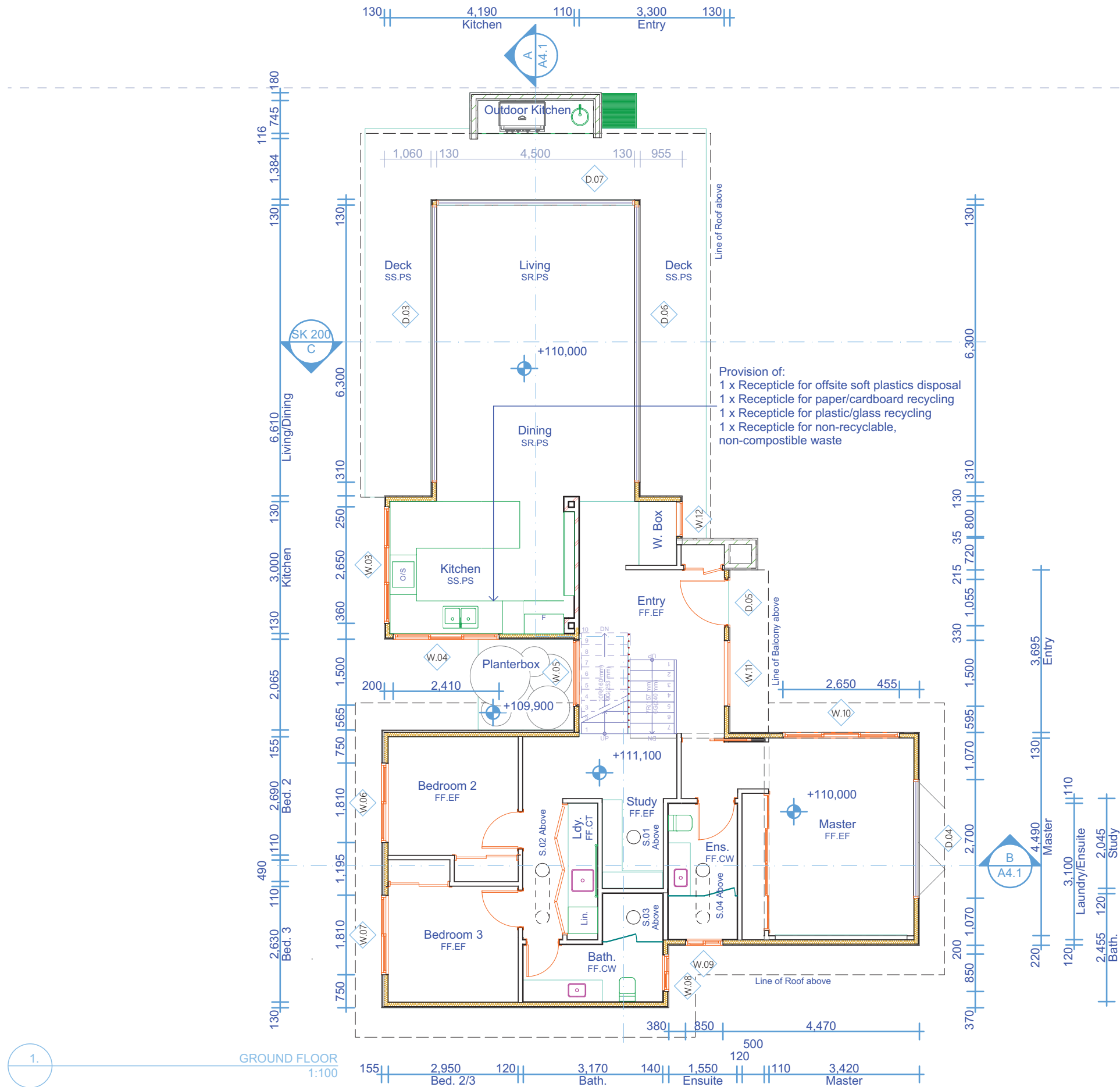


DRAWING TITLE :
FLOOR PLANS
LOWER GROUND FLOOR

PROJECT NAME :
Elanora Passive

REVISION NO:
02

DRAWING NO:
A2.1



FLOOR PLAN LEGEND & NOTES

FF.C+

(FF) = Floor Construction Type

(C) = Floor Finish

(+) = Plasterboard lined underside

FLOOR CONSTRUCTION TYPE QUICK REF.

FF	Framed Floor
SR	Stiffened Raft Slab
SS	Suspended Slab
SP	Structurally Insulated Panel
CL	Cross Laminated Timber

FLOOR FINISH REFERENCE

CT	Ceramic Floor Tile - Dry Area
CW	Ceramic Floor Tile - Wet Area
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PW	Porcelain Floor Tile - Wet Area
HT	Hardwood Floorboards
EF	Engineered Floating Floorboards
FL	Laminate Floating Floorboards
PS	Polished Slab
SC	Sealed Concrete Slab
C	Carpet w/ Underlay

DP

Downpipe

W.T.T

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office@rubixcollective.com

RevID	ChID	Change Name	Date

Drawn | Checked KS |
Plot Date: 20/02/2020
Sheet Size: A3
Project NO: 19128ELA
Project Status: For Coordination

Client: Clair & Peter Shilling
Site: Lot 1, 128 Elanora Rd Elanora Heights NSW 2101 Australia



DRAWING TITLE :
**FLOOR PLANS
GROUND FLOOR**

PROJECT NAME :
Elanora Passive

REVISION NO:
02

DRAWING NO:
A2.2

5.4

NATIONWIDE HOUSE ENERGY RATING 5.4

58.7 MJ/m²

www.nathers.gov.au

Certificate no.: 0004643268

Assessor Name: Tracey Cools

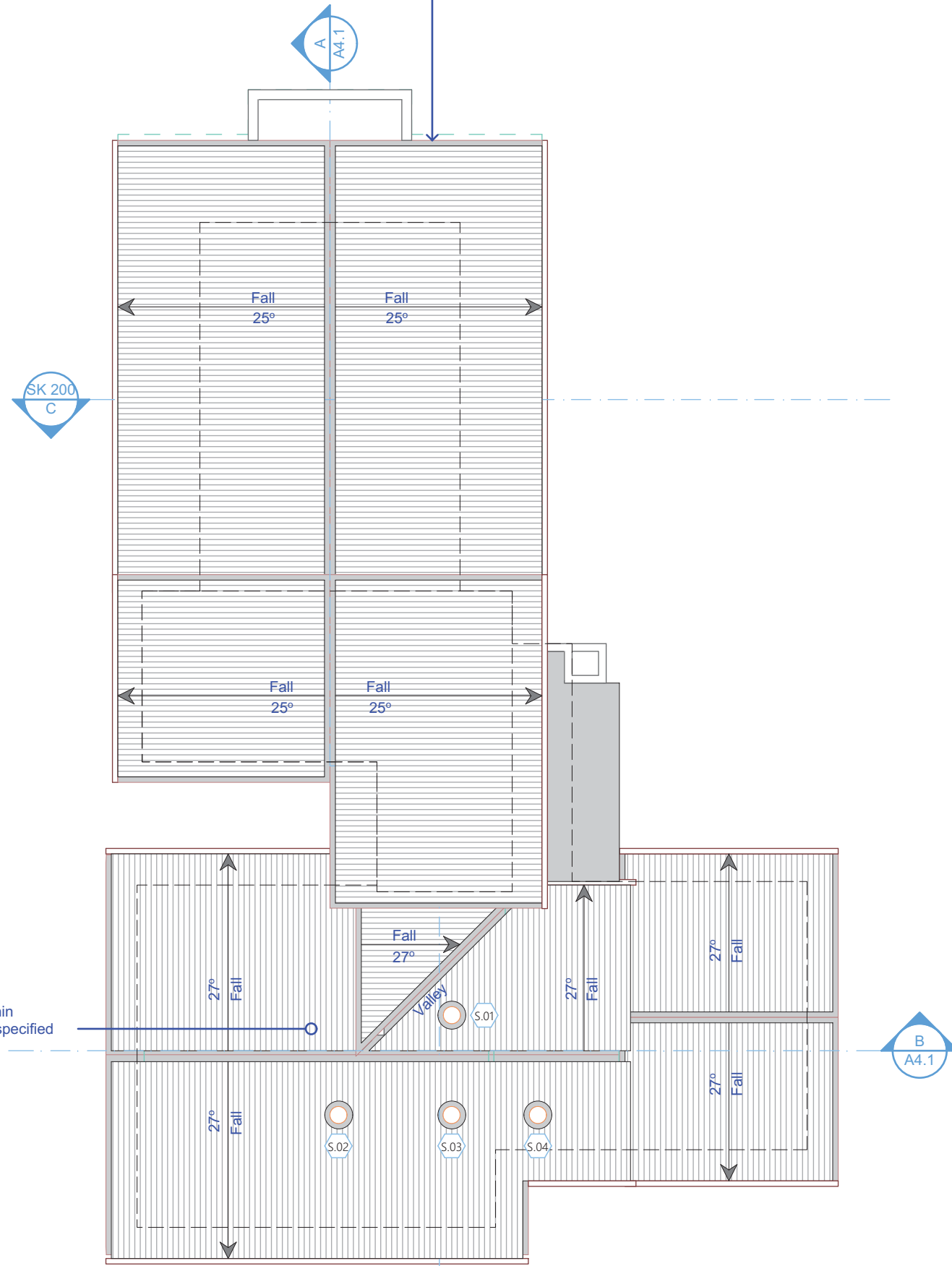
Accreditation no.: HERA10033

Certificate date: 03 Mar 2020

Dwelling Address: 128 Elanora Road Elanora Heights, NSW 2101

www.nathers.gov.au

Clerestory Window Shown on First Floor Plan



Ventis Mechanical Ventilation within roofspace. Intake Location to be specified prior to construction.

3.

ROOF PLAN
1:100

NOTE

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Drawn | Checked KS |
Plot Date: 20/02/2020
Sheet Size: A3
Project NO: 19128ELA
Project Status: For Coordination

Client Site: Clair & Peter Shilling
Lot 1, 128 Elanora Rd Elanora
Heights NSW 2101 Australia



DRAWING TITLE :

FLOOR PLANS
ROOF PLAN

PROJECT NAME :

Elanora Passive

Certificate no.: 0004643268
Assessor Name: Tracey Cools
Accreditation no.: HERA10033
Certificate date: 03 Mar 2020



Dwelling Address:
128 Elanora Road
Elanora Heights, NSW
2101

www.nathers.gov.au

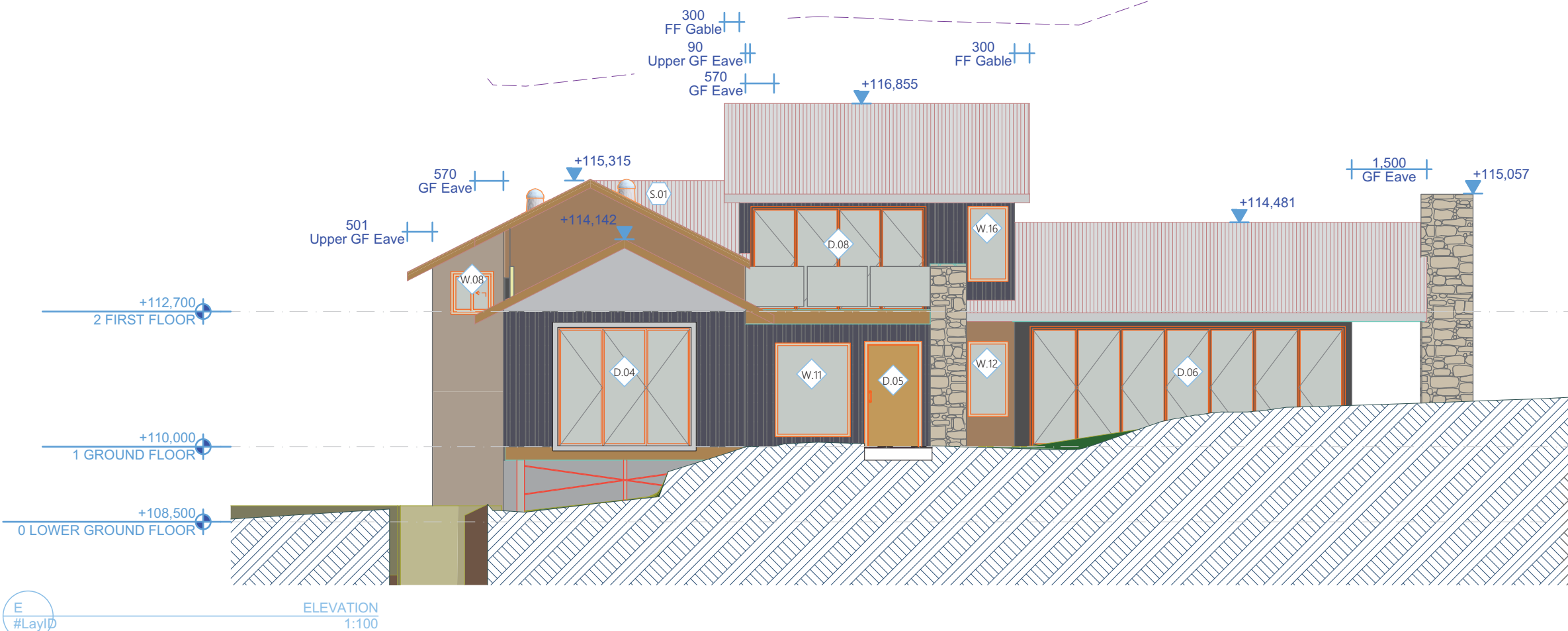
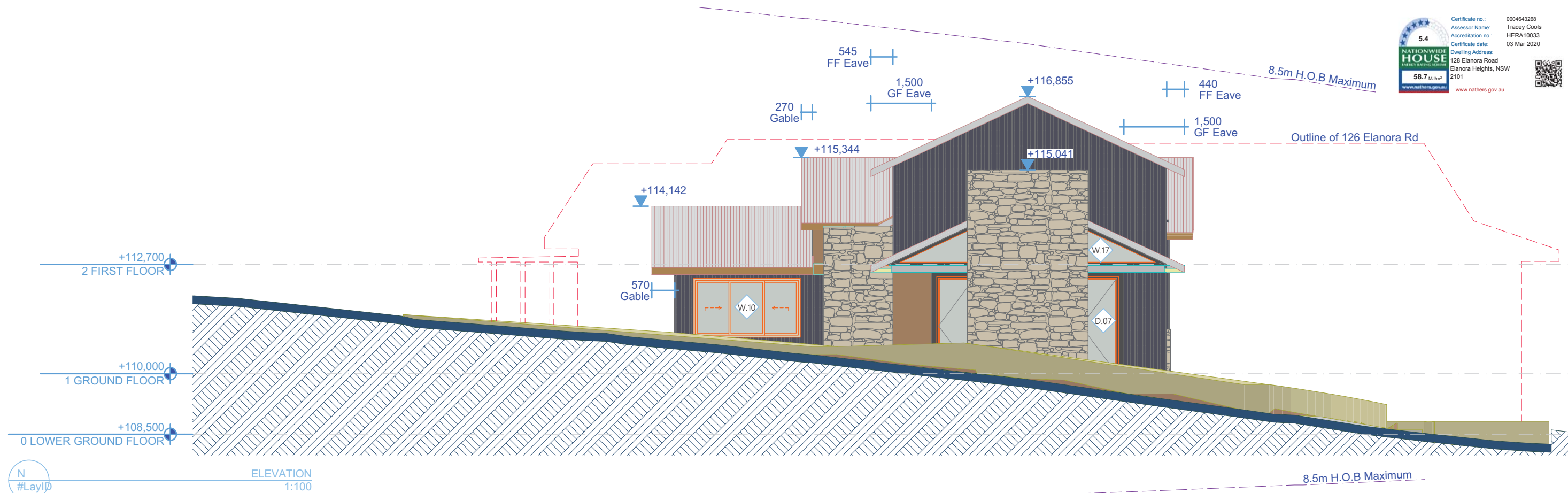


REVISION NO.

02

DRAWING NO.

A2.4



ELEVATION LEGEND & NOTES

CJ Control Joint

DP Downpipe

- For wall finish details, see A6.1 Wall schedule and corresponding notation on floor plans.

- For window details and opening types see A6.2 Opening Schedule

- Shown storey levels are not finished floor levels. Storey levels are for construction purposes and show the relative level for the top of the structural core of the floor system (i.e. top of joist or concrete slab prior to an applied floor substrate). Finished floor levels are identified with a dimension marker in section and plan view. Any slab (or joist) setdowns from the average marked storey levels will be specifically notated as such on the drawings.

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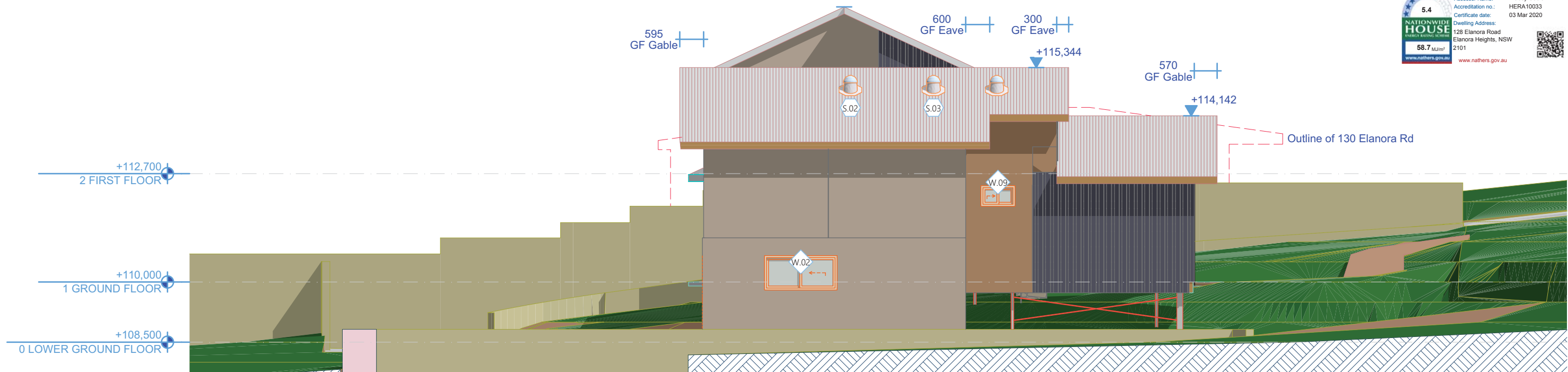


DRAWING TITLE :
ELEVATIONS
NORTH/EAST

PROJECT NAME :
Elanora Passive

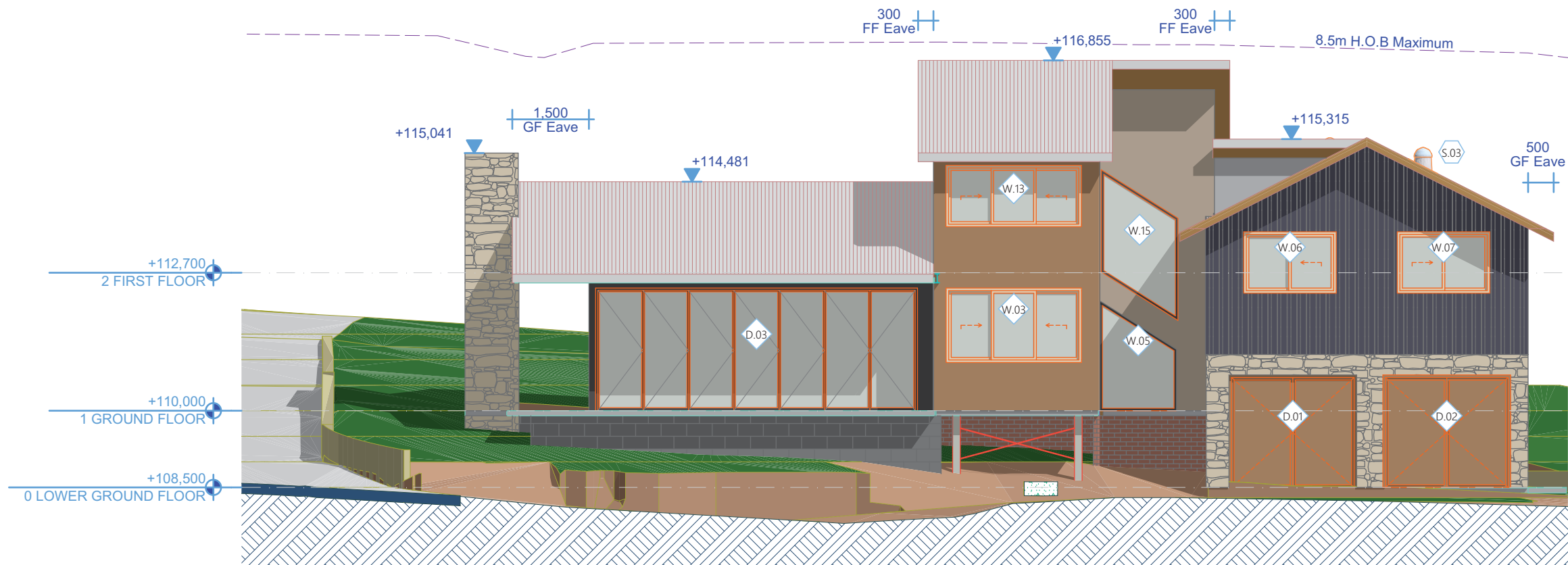
REVISION NO:
02

DRAWING NO:
A3.1



S
#LayID

ELEVATION
1:100



W
#LayID

ELEVATION
1:100

ELEVATION LEGEND & NOTES

CJ Control Joint

DP Downpipe

- For wall finish details, see A6.1 Wall schedule and corresponding notation on floor plans.

- For window details and opening types see A6.2 Opening Schedule

- Shown storey levels are not finished floor levels. Storey levels are for construction purposes and show the relative level for the top of the structural core of the floor system (i.e. top of joist or concrete slab prior to an applied floor substrate). Finished floor levels are identified with a dimension marker in section and plan view. Any slab (or joist) setbacks from the average marked storey levels will be specifically notated as such on the drawings.

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- Mechanical Engineer - N/A
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RevID	ChID	Change Name	Date

Drawn | Checked KS |
Plot Date: 20/02/2020
Sheet Size: A3
Project NO: 19128ELA
Project Status: For Coordination

Client: Clair & Peter Shilling
Site: Lot 1, 128 Elanora Rd Elanora Heights NSW 2101 Australia



DRAWING TITLE :

ELEVATIONS
SOUTH/WEST

PROJECT NAME :

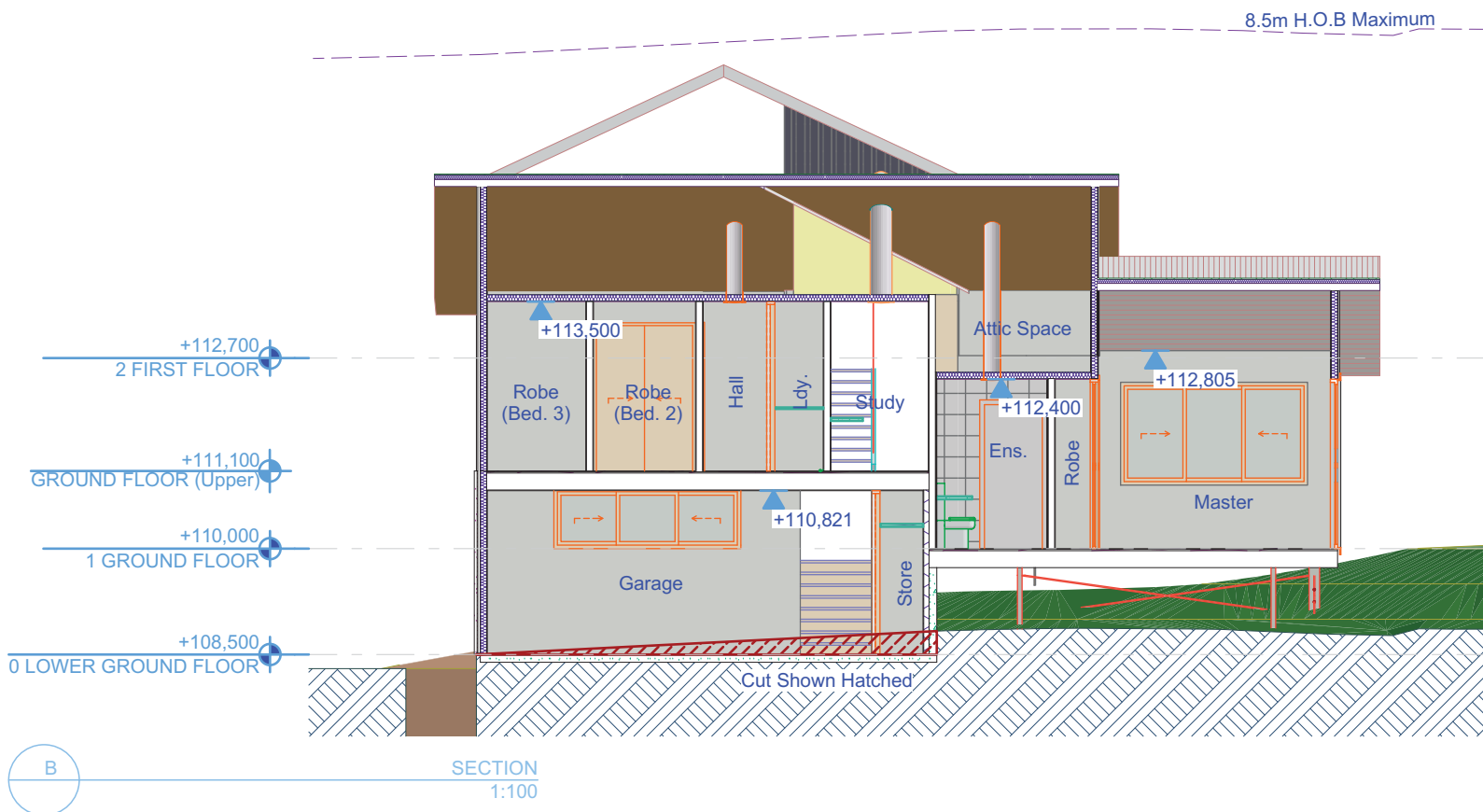
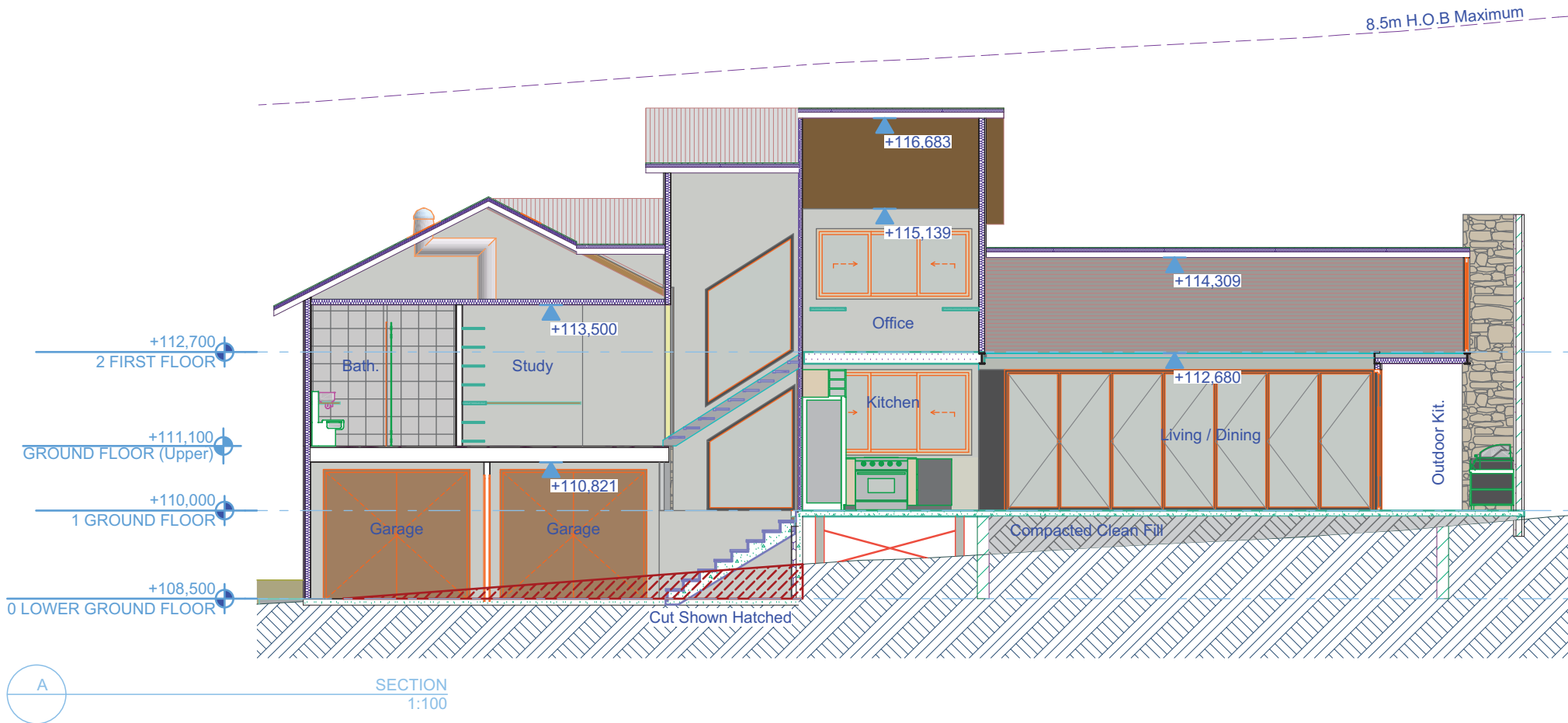
Elanora Passive

REVISION NO.

02

DRAWING NO.

A3.2



ELEVATION LEGEND & NOTES

CJ Control Joint

DP Downpipe

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- For window details and opening types see A6.2 Opening Schedule

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Client: Clair & Peter Shilling
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DRAWING TITLE :

SECTIONS
SECTION A-A & B-B

PROJECT NAME :

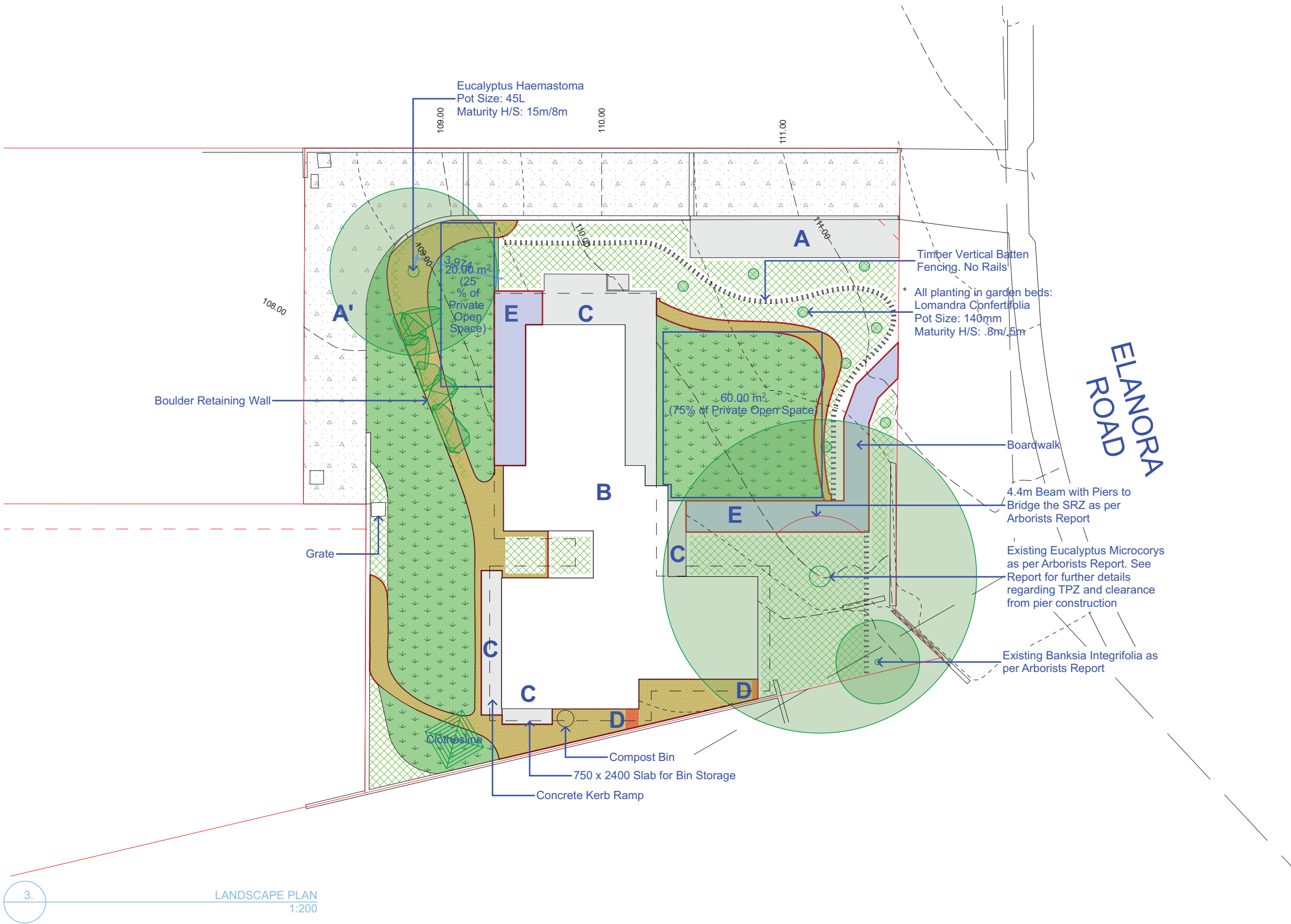
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REVISION NO.

02

DRAWING NO.

A4.1



LANDSCAPE CALCULATIONS	
Minimum Landscaped Open Space Required	60% (358.78m²*)
Proposed Landscaped Open Space:	71.95% (430.22m²*)
Hard Surface Calculation	
A: Shared Communal Area	- 164.63m²
B: Dwelling	- 132.6m²
C: Paths, Decks & Hard Surface	- 34.31m²
D: Areas <1m wide & Other	- .84m²
SUBTOTAL:	332.38m²
Landscape Calculation	
E: Permissible Impervious Landscape Treatments (6%)	- 35.85m²
F: Landscaped Open Area	- 394.37m²
SUBTOTAL:	430.22m²
TOTAL	100% (762.60m²)

NB: "A: Shared Communal Area" has not been included in the calculations of the Minimum Landscaped Open Space. Thus the ratios have been calculated on a site area of 597.97m². See Statement of Environmental Effects for further details.

For further ground level information, see 5.4 Driveway Plan & Section and 5.3 Excavation and Fill Plan

LANDSCAPE LEGEND	
Lawn	
Crushed Stone/Gravel	
Mulch/Garden Bed	



5.4
NATHAN'S HOUSE
128 Elanora Road
Elanora Heights, NSW
2101
www.nathans.gov.au

Certificate no.: 0004643268
Assessor Name: Tracey Cools
Accreditation no.: HERA10033
Certificate date: 03 Mar 2020
Dwelling Address: 128 Elanora Road
Elanora Heights, NSW
2101
www.nathans.gov.au



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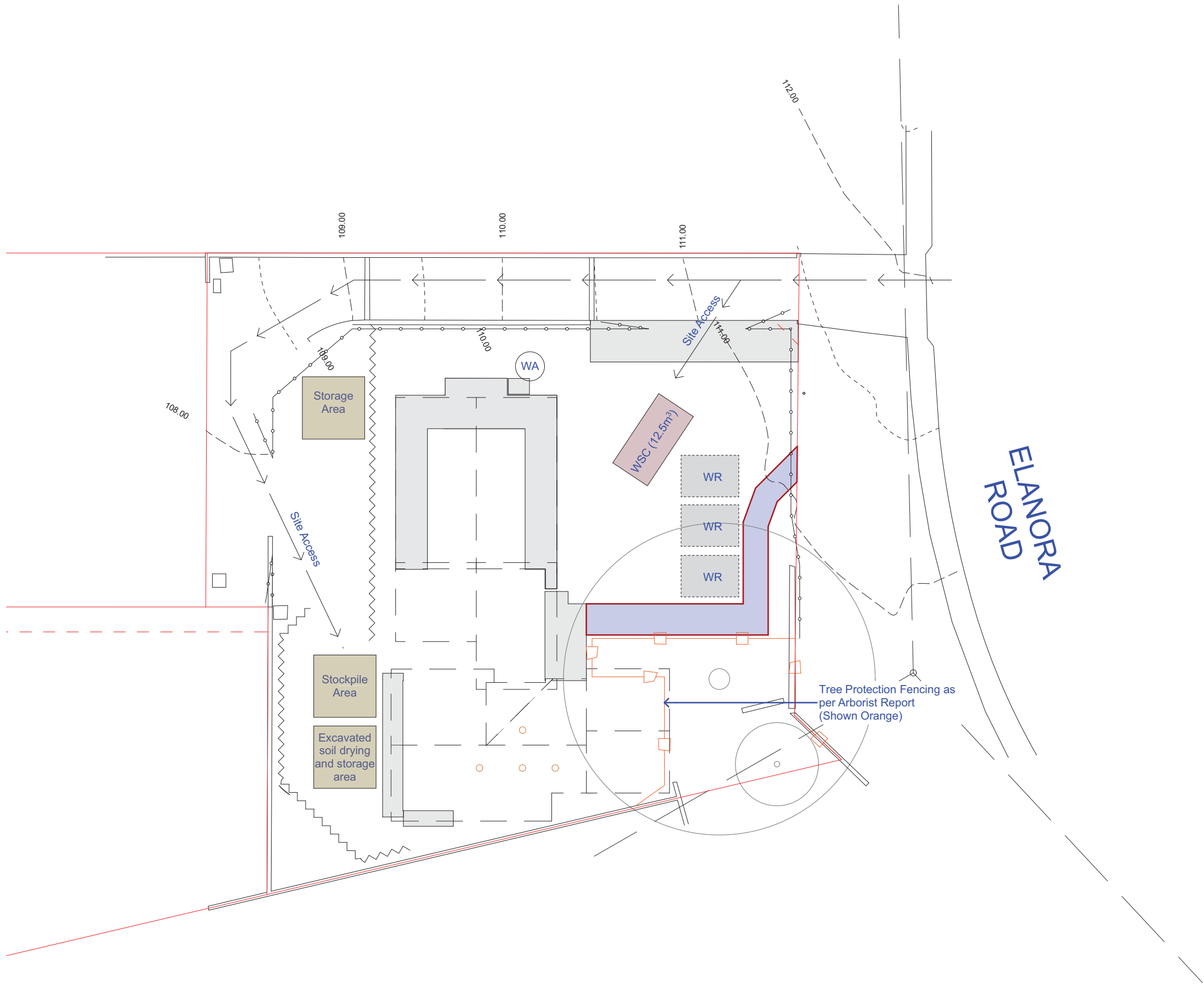
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Sheet Size: A3
Project NO: 19128ELA
Project Status: For Coordination
Client: Clair & Peter Shilling
Site: Lot 1, 128 Elanora Rd Elanora Heights NSW 2101 Australia

DRAWING TITLE :
OTHER PLANS
LANDSCAPE PLAN
PROJECT NAME :
Elanora Passive

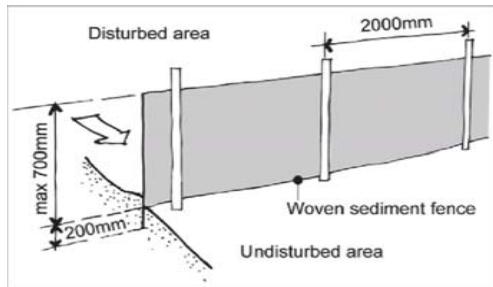
REVISION NO:
02
DRAWING NO:
A5.1



E & S CONTROL PLAN LEGEND & NOTES

- SA Stockpile Area
- WA Wash Area
- STA Storage Area
- WSC Waste Storage Container
- WR Waste Recycling
- Sediment Control Fence

SEDIMENT CONTROL FENCE EXAMPLE



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YourHome, 5th Edition

5.4

NATIONWIDE
HOUSE
ENERGY RATING GUIDE

58.7 MJ/m²

www.nathers.gov.au

Certificate no.: 0004643268

Assessor Name: Tracey Cools

Accreditation no.: HERA10033

Certificate date: 03 Mar 2020

Dwelling Address: 128 Elanora Road
Elanora Heights, NSW
2101

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1

EROSION & SEDIMENT CONTROL PLAN
1:200

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Project Status: For Coordination

Client Site: Clair & Peter Shilling
Lot 1, 128 Elanora Rd Elanora
Heights NSW 2101 Australia



DRAWING TITLE :

OTHER PLANS
EROSION & SEDIMENT
CONTROL PLAN

PROJECT NAME :

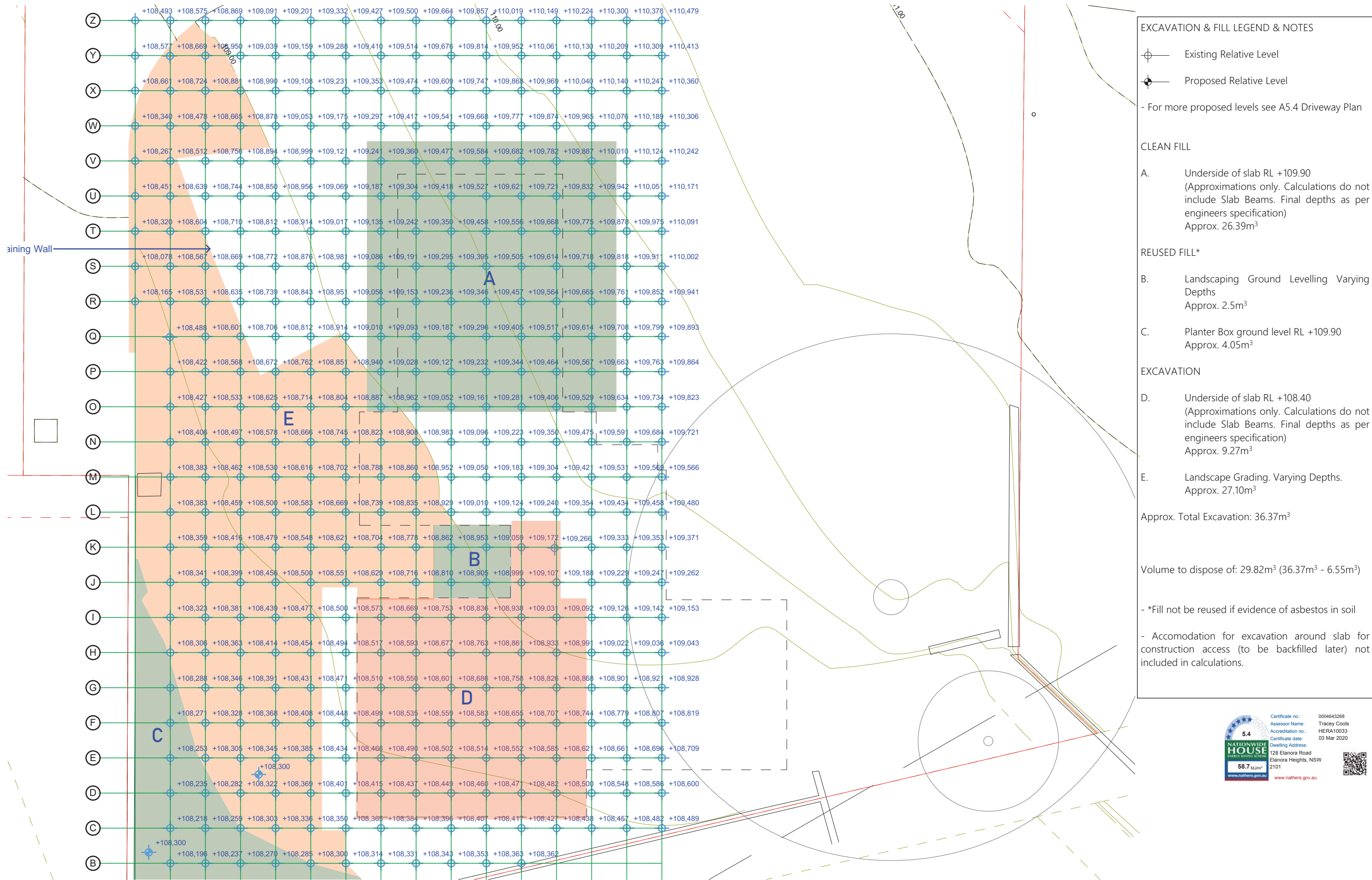
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REVISION NO.

02

DRAWING NO.

A5.2



EXCAVATION & FILL LEGEND & NOTES

- Existing Relative Level
- Proposed Relative Level

- For more proposed levels see A5.4 Driveway Plan

CLEAN FILL

- A. Underside of slab RL +109.90
(Approximations only. Calculations do not include Slab Beams. Final depths as per engineers specification)
Approx. 26.39m³

REUSED FILL*

- B. Landscaping Ground Levelling Varying Depths
Approx. 2.5m³
- C. Planter Box ground level RL +109.90
Approx. 4.05m³

EXCAVATION

- D. Underside of slab RL +108.40
(Approximations only. Calculations do not include Slab Beams. Final depths as per engineers specification)
Approx. 9.27m³
- E. Landscape Grading. Varying Depths.
Approx. 27.10m³

Approx. Total Excavation: 36.37m³

Volume to dispose of: 29.82m³ (36.37m³ - 6.55m³)

- *Fill not be reused if evidence of asbestos in soil

- Accomodation for excavation around slab for construction access (to be backfilled later) not included in calculations.



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Project Status: For Coordination

Client: Clair & Peter Shilling
Site: Lot 1, 128 Elanora Rd Elanora Heights NSW 2101 Australia



DRAWING TITLE :

OTHER PLANS
EXCAVATION PLAN

PROJECT NAME :

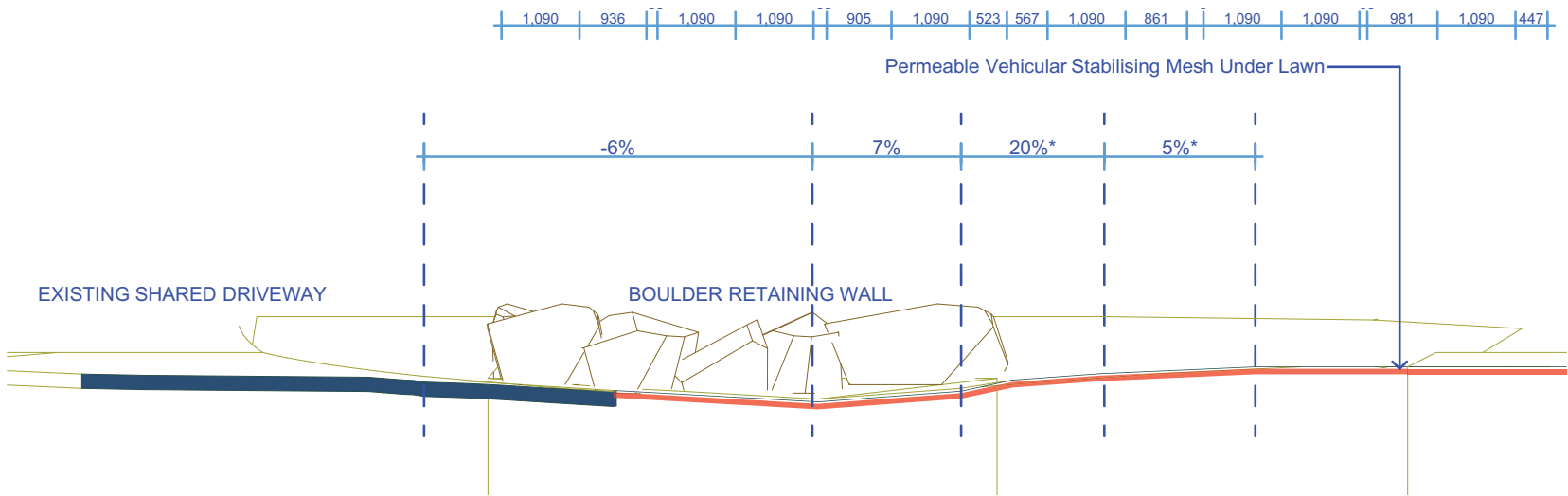
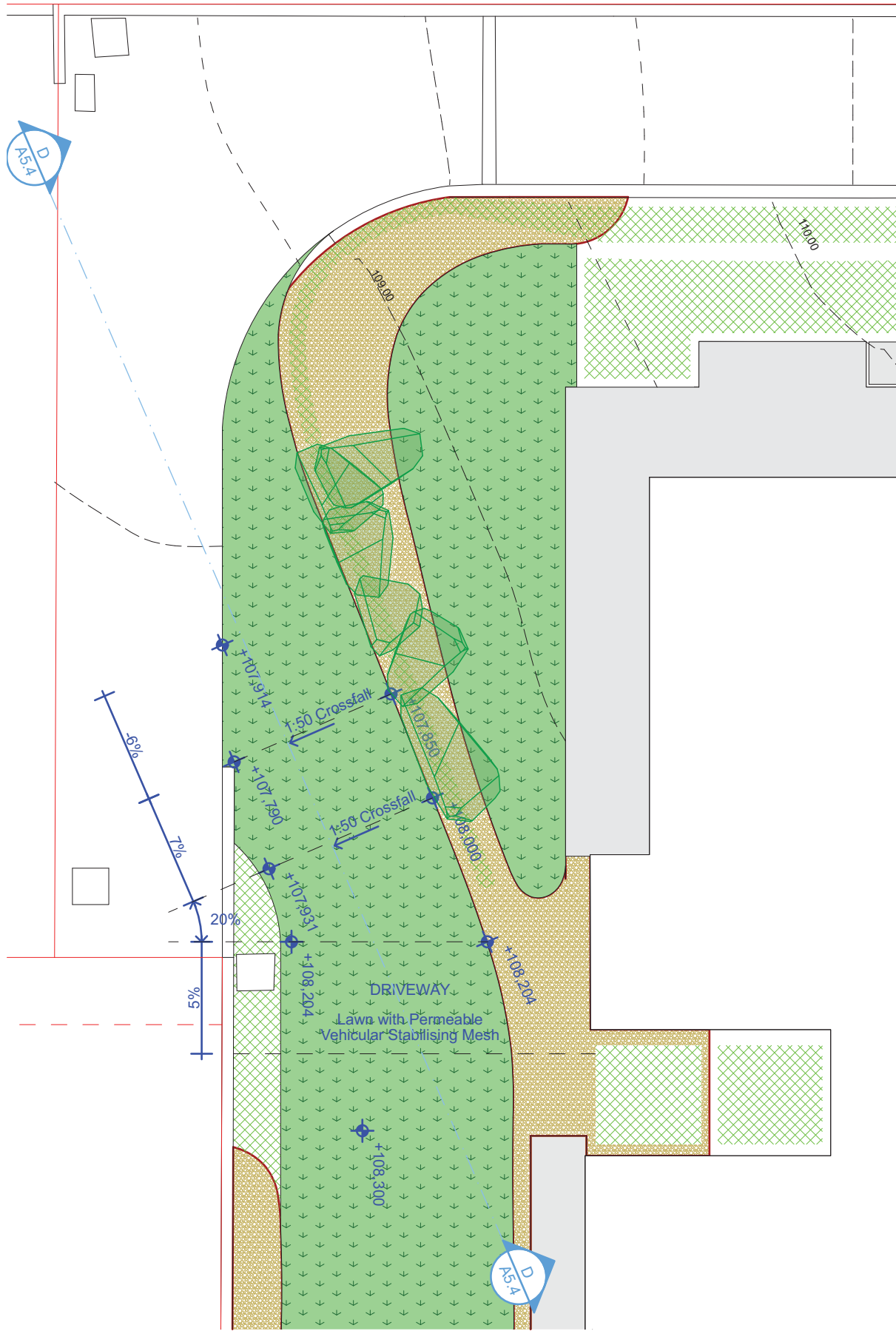
Elanora Passive

REVISION NO.

02

DRAWING NO.

A5.3



* Section line is not parallel with these grades therefore slope may be less steep in section. Grades are specified at their steepest location

3. DRIVEWAY PLAN
1:100

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Sheet Size: A3
Project NO: 19128ELA
Project Status: For Coordination
Client Site: Clair & Peter Shilling
Lot 1, 128 Elanora Rd Elanora
Heights NSW 2101 Australia

DRAWING TITLE :
OTHER PLANS
DRIVEWAY PLAN &
SECTION
PROJECT NAME :
Elanora Passive



Certificate no.: 0004643268
Assessor Name: Tracey Cools
Accreditation no.: HERA10033
Certificate date: 03 Mar 2020
Dwelling Address:
128 Elanora Road
Elanora Heights, NSW
2101
www.nathers.gov.au



REVISION NO:
01
DRAWING NO:
A5.4

OPENING LIST													
ID	D.01	D.02	D.03	D.04	D.05	D.06	D.07	D.08	S.01	S.02	S.03	S.04	W.01
Width	2,500	2,500	6,300	2,700	1,055	6,300	4,500	3,500	310	310	310	310	2,650
Height	2,200	2,200	2,400	2,400	2,058	2,400	2,400	2,100	310	310	310	310	857
Elevation to Project Zero	108,500	108,500	110,000	110,000	110,000	110,000	110,000	112,700	113,567	113,567	113,567	113,567	110,000
Manufacturer	TBA	TBA	AWS	AWS	TBA	AWS	AWS	AWS	SOLATUBE	SOLATUBE	SOLATUBE	SOLATUBE	GEM
Model	BARN DOOR	BARN DOOR	VANTAGE	VANTAGE	-	VANTAGE	VANTAGE	VANTAGE	-	-	-	-	TBA
Serial No.	W/ AUTO GATE OPENER	W/ AUTO GATE OPENER	411 - BI-FOLD	411 - BI-FOLD	SOLID CORE DOOR	411 - BI-FOLD	411 - BI-FOLD	411 - BI-FOLD	160 DS	160 DS	160 DS	160 DS	SSW0927
2D Plan Preview													
View from Interior													
Accessories	Retractable Pleated Flyscreen	Remote Gate Opener	Retractable Pleated Flyscreen	Retractable Pleated Flyscreen		Retractable Pleated Flyscreen	Retractable Pleated Flyscreen	Retractable Pleated Flyscreen	NIL	NIL	NIL	NIL	Alum. Flyscreen

OPENING LIST													
ID	W.02	W.03	W.04	W.05	W.06	W.07	W.08	W.09	W.10	W.11	W.12	W.13	W.14
Width	1,810	2,650	2,410	1,500	1,810	1,810	850	850	2,650	1,500	800	2,650	2,650
Height	857	1,457	1,457	2,147	1,200	1,200	857	514	1,457	1,870	1,500	1,200	857
Elevation to Project Zero	109,800	110,943	110,943	110,000	112,300	112,300	112,643	111,886	110,900	110,200	110,600	113,600	113,943
Manufacturer	GEM	GEM	GEM	TBA	GEM	GEM	GEM	GEM	GEM	TBA	TBA	GEM	GEM
Model	TBA	TBA	TBA	FIXED	TBA	TBA	TBA	TBA	TBA	FIXED	FIXED	TBA	TBA
Serial No.	SSW0918	SSW1527	SSW1524-3	CUSTOM	SSW1218	SSW1218	SSW0909	SSW0609	SSW1527	CUSTOM	CUSTOM	SSW1227	SSW0927
2D Plan Preview													
View from Interior													
Accessories	Alum. Flyscreen	NIL	Alum. Flyscreen	NIL	Alum. Flyscreen	Alum. Flyscreen	Alum. Flyscreen	Alum. Flyscreen	Alum. Flyscreen	NIL	NIL	NIL	Alum. Flyscreen

02.

WINDOW/SKYLIGHT SCHEDULE1:1

5.4

NATIONWIDE HOUSE

58.7 MJ/m²

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Assessor Name: Tracey Cools

Accreditation no.: HERA10033

Certificate date: 03 Mar 2020

Dwelling Address: 128 Elanora Road, Elanora Heights, NSW 2101

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OPENING LIST			
ID	W.15	W.16	W.17
Width	1,500	800	6,985
Height	2,947	1,500	1,619
Elevation to Project Zero	111,767	113,300	112,680
Manufacturer	TBA	TBA	TBA
Model	FIXED	FIXED	FIXED
Serial No.	CUSTOM	CUSTOM	CUSTOM
2D Plan Preview			
View from Interior			
Accessories	NIL	NIL	NIL

5.4

NATIONWIDE HOUSE

ENERGY RATING SCHEME

58.7 MJ/m²

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Elanora Heights, NSW 2101
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DRAWING TITLE :

SCHEDULES
OPENINGS SCHEDULE

PROJECT NAME :

Elanora Passive

REVISION NO:

01

DRAWING NO:

A6.2