

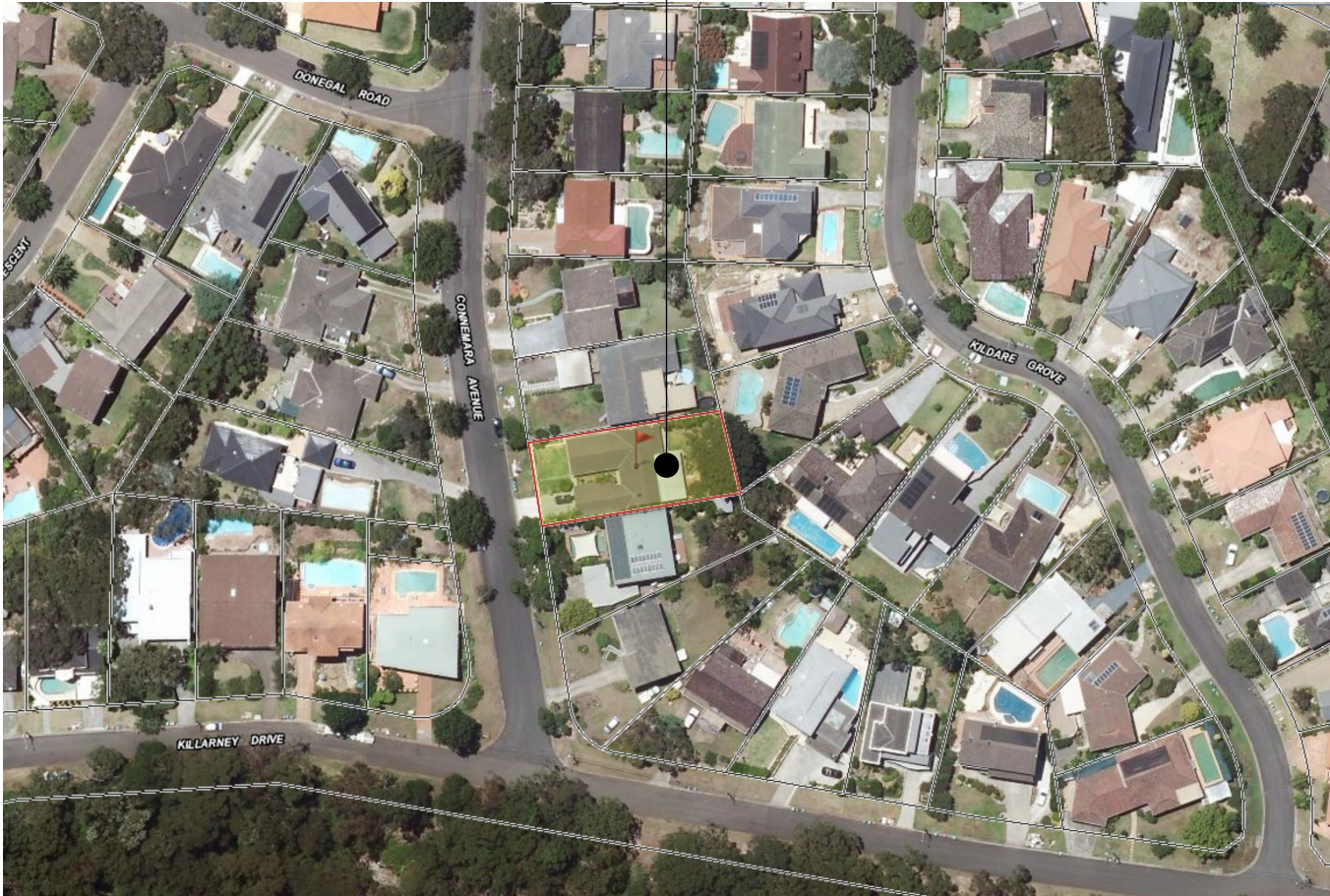
Drawing register

Issue Date
day 10
month 10
year 21

Drawing Number	Drawing Title	Revision
A 00	Drawing Register & Gen. Specification	0
A 01	Site Analysis 1:200	0
A 02	Demolition / Excavation & Fill / E&SCP	0
A 03	Site Plan 1:200, Area Calculations	0
A 04	Ground Floor Plan - Existing 1:100	0
A 05	Ground Floor Plan - Proposed 1:100	0
A 06	First Floor Plan 1:100	0
A 07	Roof Plan & Concept Stormwater Plan	0
A 08	Existing Elevations	0
A 09	North & East Elevations	0
A 10	South & West Elevations	0
A 11	Section A-A & B-B	0
A 12	Section C-C & Front Fence Elevation	0
A 13	Driveway Sections	0
A 14	Site Shadows - 9am JUNE 21 1:200	0
A 15	Site Shadows - Noon JUNE 21 1:200	0
A 16	Site Shadows - 3pm JUNE 21 1:200	0
A 17	Window / Door Schedule & External Finishes	0
A 18	BASIX Requirements (sheet 1)	0
A 19	BASIX Requirements (sheet 2)	0
A 20	3D Perspective Views	0

Document Distribution:	DA1
Client	0
Structural Engineer	
Approval Authority	0

22A Connemara Ave, KILLARNEY HTS



LOCATION PLAN - not to scale

(Source SIXmaps)

GENERAL BUILDING SPECIFICATION

- All general construction to conform to the current BCA and Local Govt conditions of Development Consent.
- Demolition works to be carried out in accordance with AS 2601.
- All masonry work in accordance with AS 3700.
- Termite protection to be installed in accordance with AS 3660.1 and the current BCA.
- All roof water and storm-water runoff to be connected to a Council approved system of collection and/or disposal.
- All carpentry work to conform to AS1684 for Light Timber Framing.
- All sewer waste to be connected to the existing mains service in accordance with AS 3500.
- All pre-fabricated timber trusses and frames to utilize sustainable plantation timbers installed to the manufacturer's detail and specification.
- All concrete slabs, retaining walls, structural steel, foundations and footings to be designed & specified by the consulting structural engineer and built strictly in accordance with such details, as approved.
- Plumbing services to be carried out only by licenced tradespersons and in accordance with AS 3500.3.2, AS 3500.2.2, AS 3500.1.2, AG 601 and other associated standards and codes.
- All electrical services to be installed by licenced electricians and in accordance with AS3000. Telecommunications cabling to be installed in accordance with AS/ACIF S009:2000 and associated standards and guidelines. Upgrade safety switches & smoke alarms as required to meet relevant standards.
- All measurements shown and scheduled are nominal. The contractor shall check all measurements on site before ordering materials and check any anomalies with Cadence & Co Design before proceeding.
- All insulation to be provided and installed in accordance with AS4859.1, AS3999 (bulk insul'n), AS1904 (foil insul'n) and associated standards and codes.
- Proposed RL's shown on drawings are to be FINISHED LEVELS. Builder to provide set down's and allowances to accommodate finished levels.

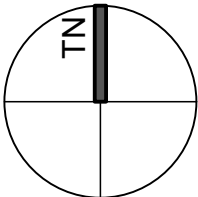


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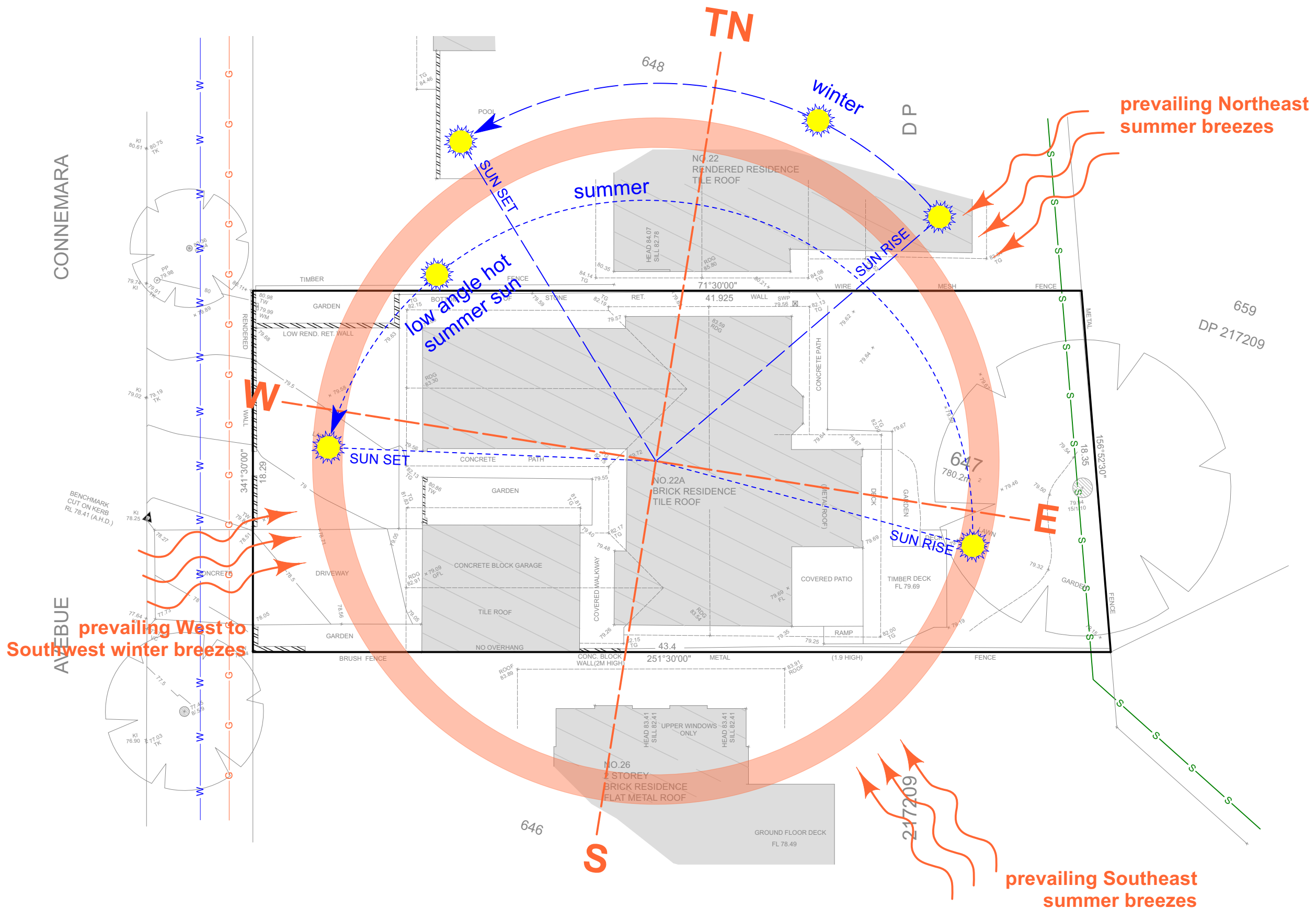
REVISION DATE REVISION NOTE

FOR DA SUBMISSION



PROJECT:	Alterations & Additions	DRAWING:	Drawing Register	SHEET NO.:	A00
CLIENT:	Mike & Tina Bocock	ISSUE DATE:	10/10/21	ORIGINAL SHEET SIZE:	A3
ADDRESS:	22A Connemara Ave, KILLARNEY HTS Being LOT 647 in D.P. 217209	PROJECT NO.:	0917	DRAWN:	DV
		PROJECT TYPE:	DA1	CHKD:	
				REVISION:	

GENERAL NOTES: ALL RL'S SHOWN ARE FINISHED LEVELS, BUILDER TO PROVIDE SET DOWNS & ALLOWANCES AS REQUIRED. ALL OPENING DIMENSIONS ARE NOMINAL, BUILDER TO CHECK SIZES ON-SITE BEFORE ORDERING WINDOW AND DOOR UNITS.



1 Site Analysis Plan
A01 Scale: 1:200

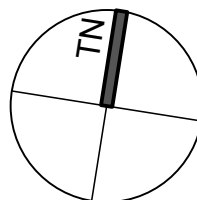
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REVISION DATE REVISION NOTE

FOR DA SUBMISSION



PROJECT: Alterations & Additions

CLIENT: Mike & Tina Bocock

ADDRESS: 22A Connemara Ave, KILLARNEY HTS
Being LOT 647 in D.P. 217209

DRAWING: Site Analysis Plan

ISSUE DATE: 10/10/21

PROJECT NO.: 0917

ORIGINAL SHEET SIZE: A3

PROJECT TYPE: DA1

DRAWN: DV

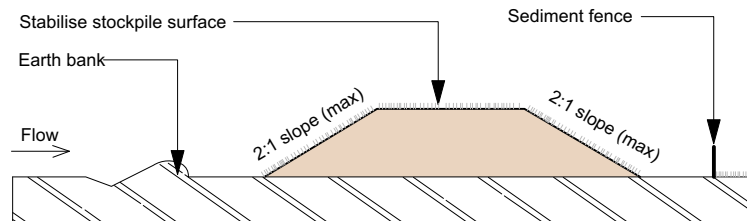
CHKD:

SHEET NO.: A01

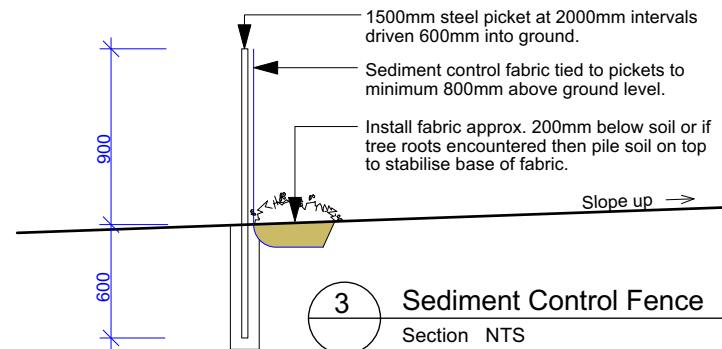
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REVISION:

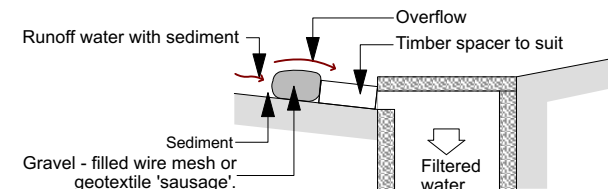
GENERAL NOTES: ALL RL'S SHOWN ARE FINISHED LEVELS, BUILDER TO PROVIDE SET DOWNS & ALLOWANCES AS REQUIRED. ALL OPENING DIMENSIONS ARE NOMINAL, BUILDER TO CHECK SIZES ON-SITE BEFORE ORDERING WINDOW AND DOOR UNITS.



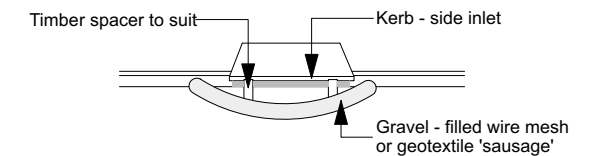
2 Soil Stockpile detail
Section NTS



3 Sediment Control Fence
Section NTS

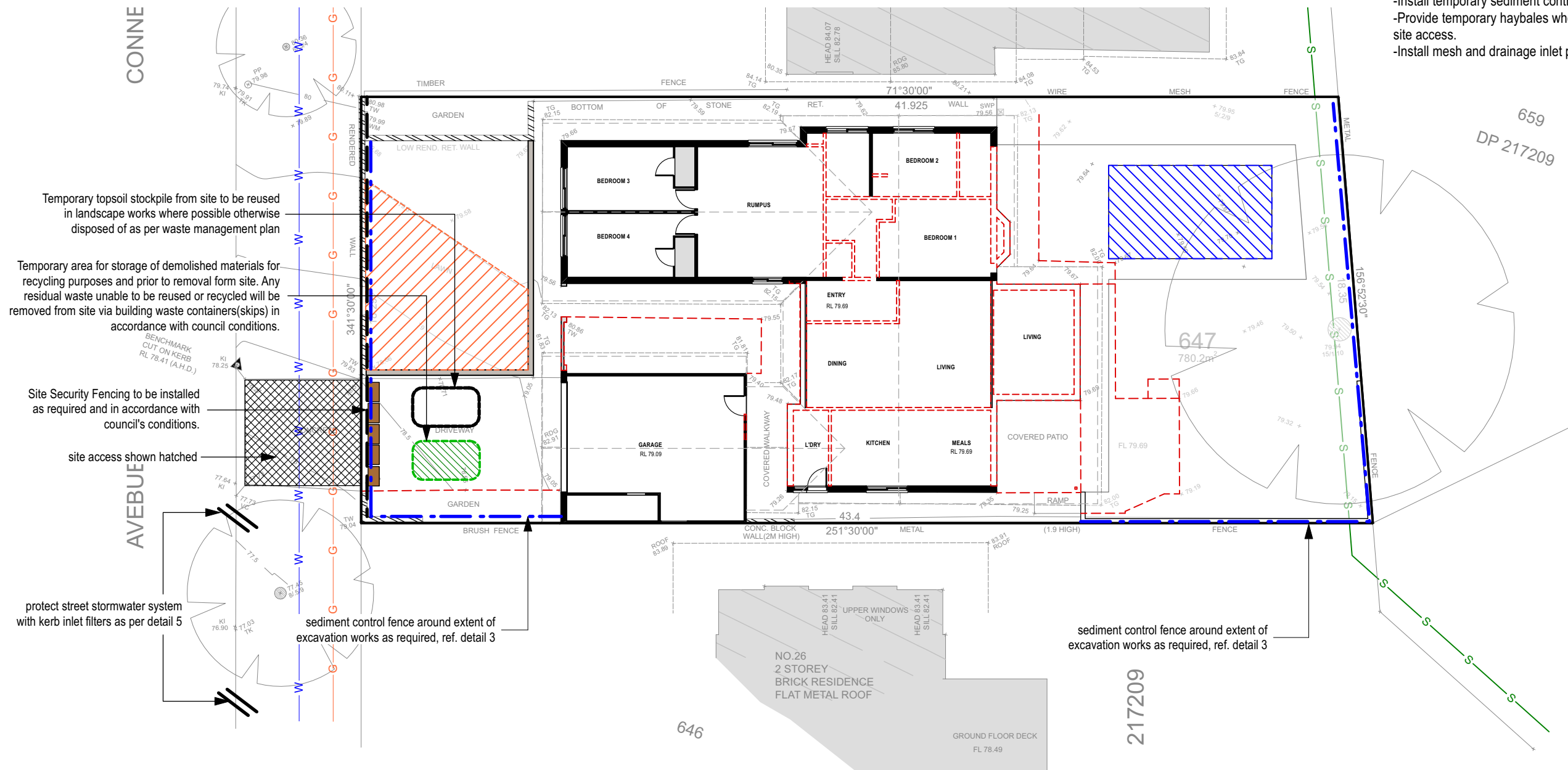


4 Mesh & gravel inlet filter
Section NTS



5 Mesh & gravel inlet filter
Plan NTS

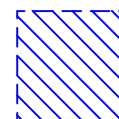
GENERAL NOTES:
-Install temporary sediment control fence as shown.
-Provide temporary haybales where sediment control fence requires dismantling for site access.
-Install mesh and drainage inlet protection on stormwater inlets down slope of site



1 Demolition / Excavation & Fill / E&SCP
A02 Scale: 1:200



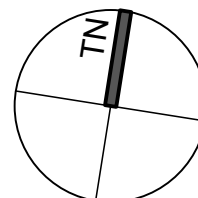
PROPOSED AREA OF SITE FILL

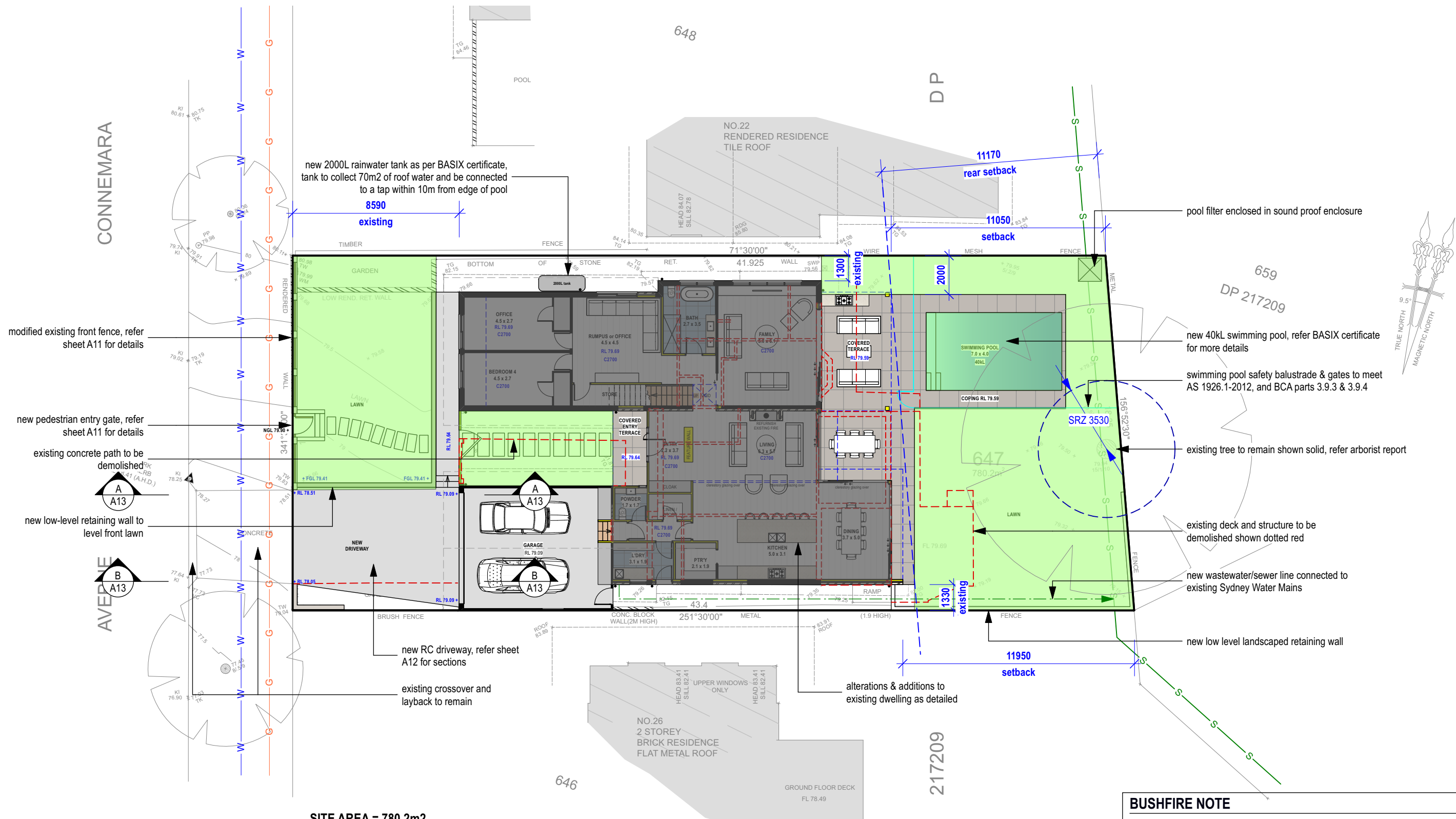


PROPOSED EXCAVATION AREA



EXISTING STRUCTURE TO BE DEMOLISHED





SITE AREA = 780.2m²
LANDSCAPE OPEN SPACE CONTROL = 40% minimum (or 312.08m²)

LANDSCAPE OPEN SPACE = 305.6m²

BUSHFIRE NOTE

The highest Bushfire Attack Level to the alterations and additions was determined from Table 2.4.2 of AS 3959 – 2009 to be 'BAL 29'. The new works are therefore required to comply with BAL 29 under section 3 and section 7 of AS 3959 – 2009 and Appendix 3 under PBP 2006. Due to shielding provided by the building itself the northern facade has been downgraded to BAL 19.

1 Site Plan
A03 Scale: 1:200

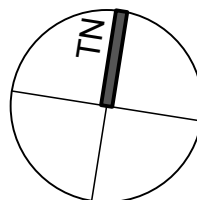
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REVISION DATE REVISION NOTE

FOR DA SUBMISSION



PROJECT: Alterations & Additions

CLIENT: Mike & Tina Bocock

ADDRESS: 22A Connemara Ave, KILLARNEY HTS
Being LOT 647 in D.P. 217209

DRAWING: Site Plan

ISSUE DATE: 10/10/21

PROJECT NO.: 0917

ORIGINAL SHEET SIZE: A3

PROJECT TYPE: DA1

DRAWN: DV

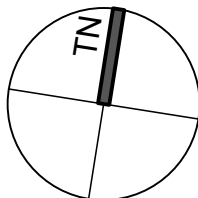
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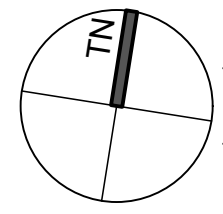
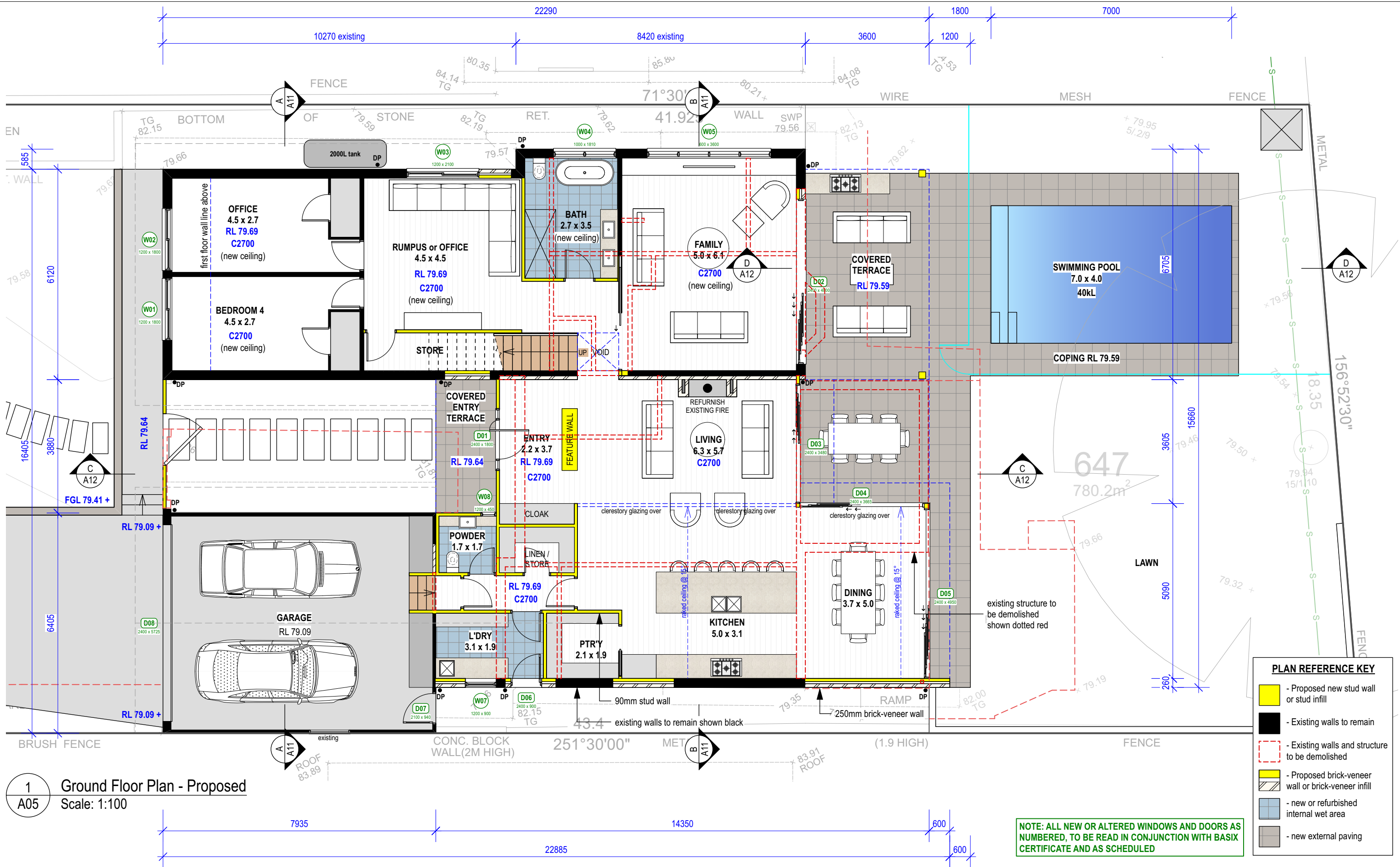
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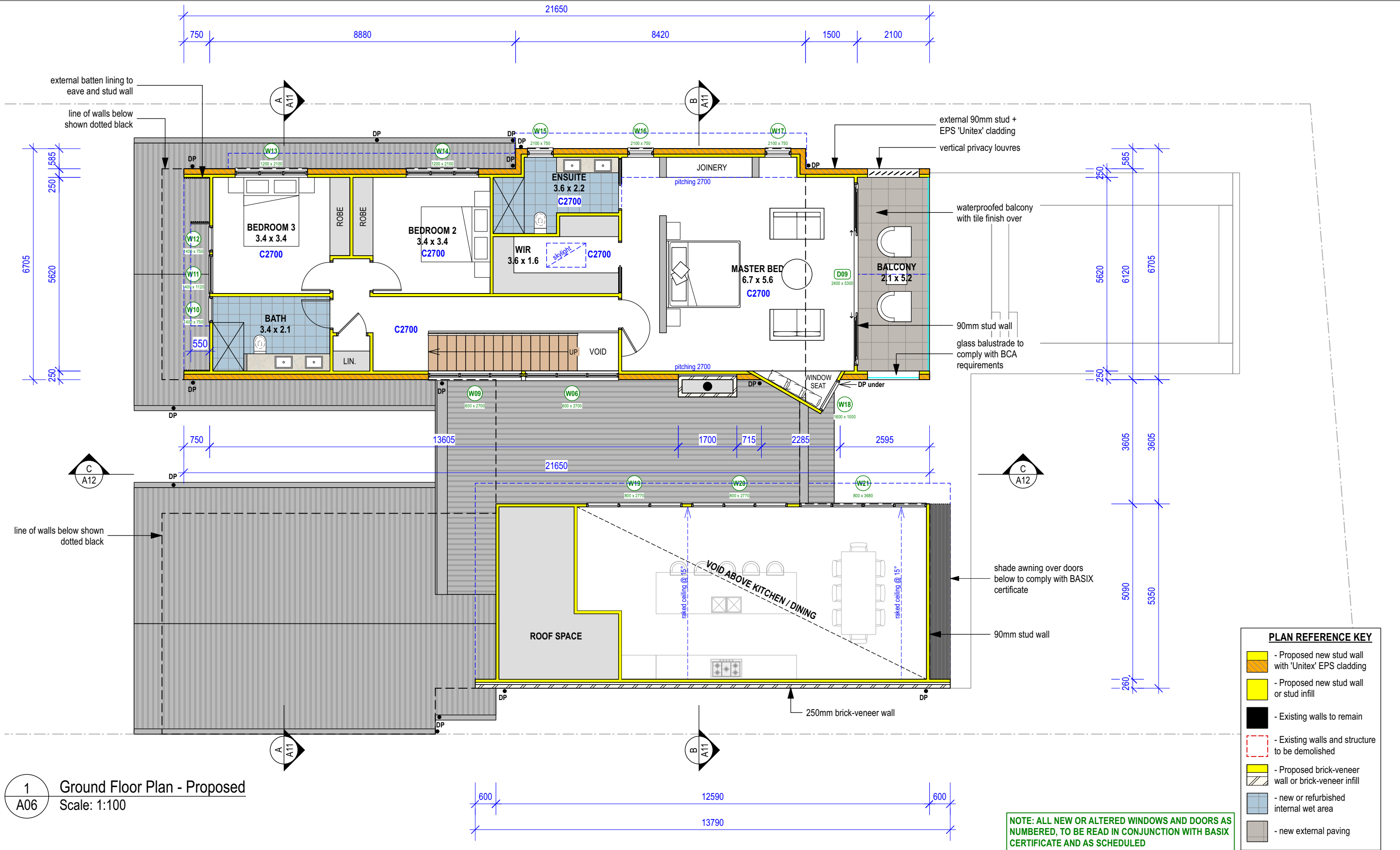
SCALE @ A3: 1:200

REVISION:

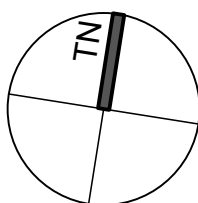
GENERAL NOTES: ALL RL'S SHOWN ARE FINISHED LEVELS, BUILDER TO PROVIDE SET DOWNS & ALLOWANCES AS REQUIRED. ALL OPENING DIMENSIONS ARE NOMINAL, BUILDER TO CHECK SIZES ON-SITE BEFORE ORDERING WINDOW AND DOOR UNITS.



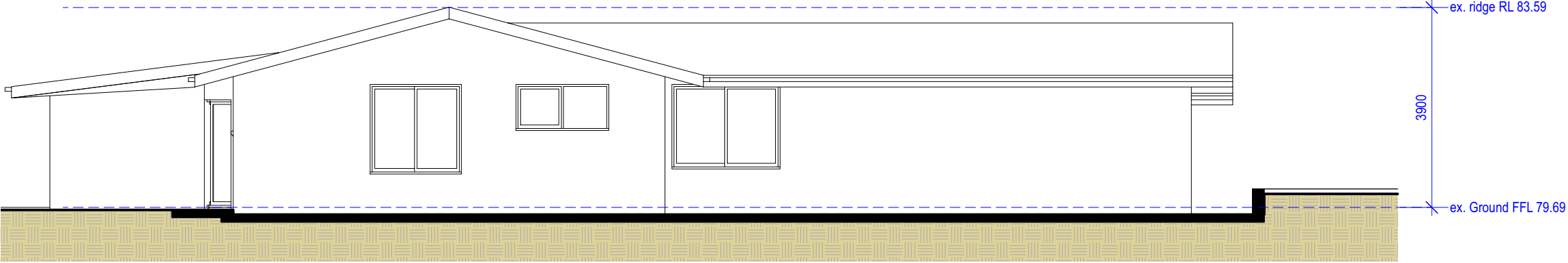




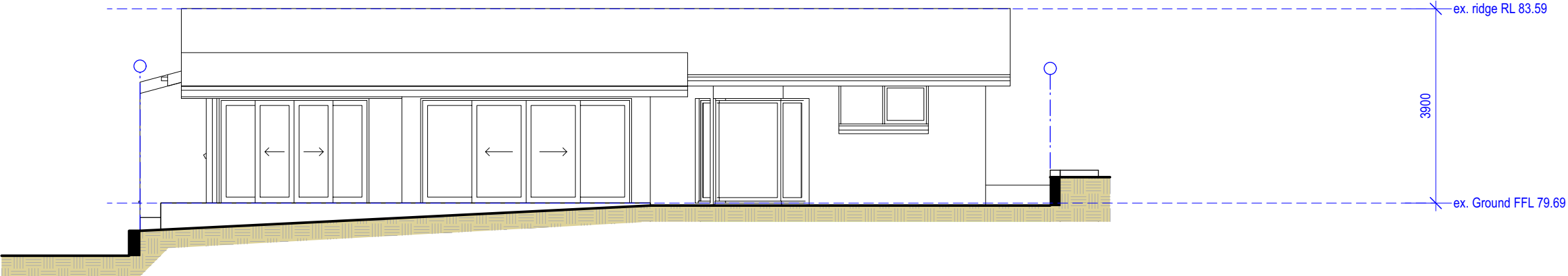
1 Ground Floor Plan - Proposed
A06 Scale: 1:100



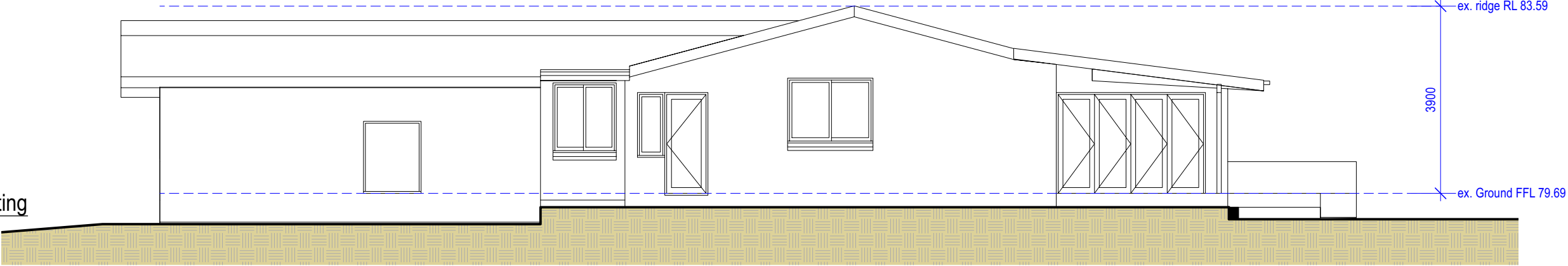
1 North Elevation - Existing
Scale: 1:100



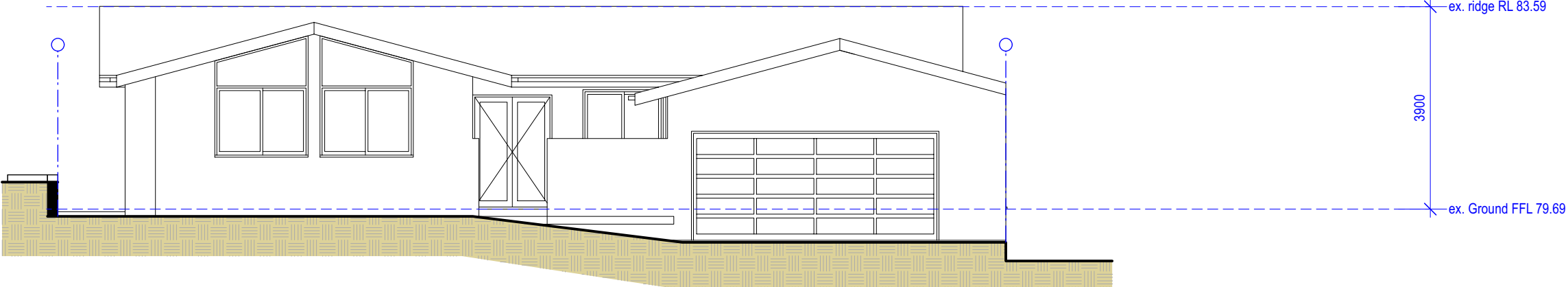
2 East Elevation - Existing
Scale: 1:100

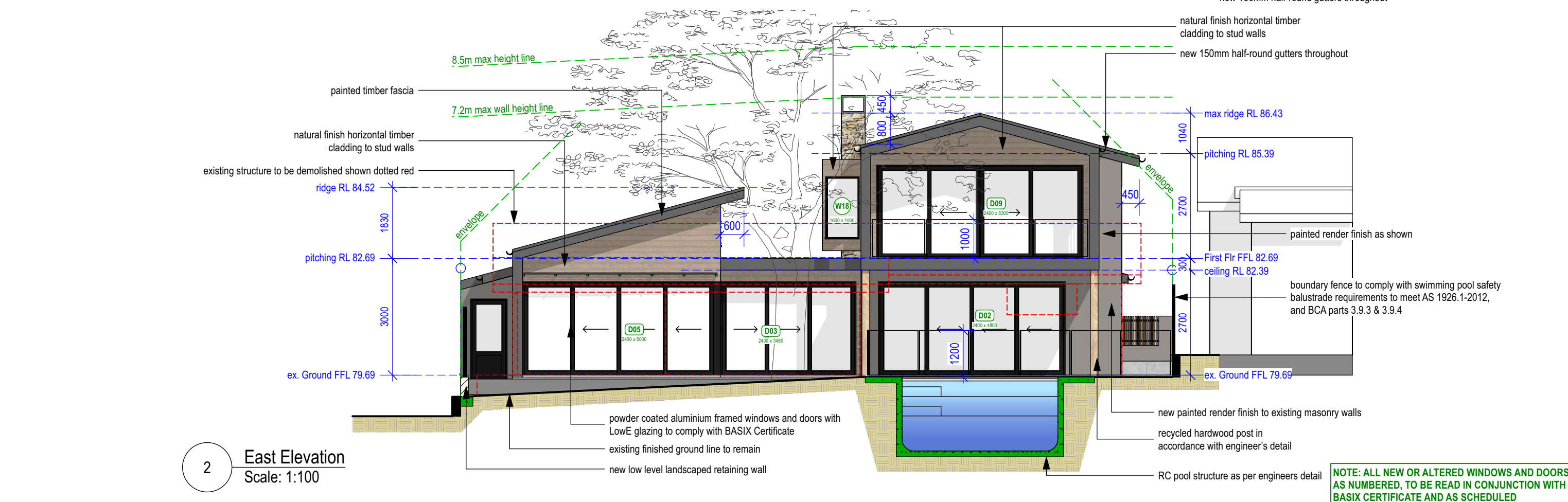
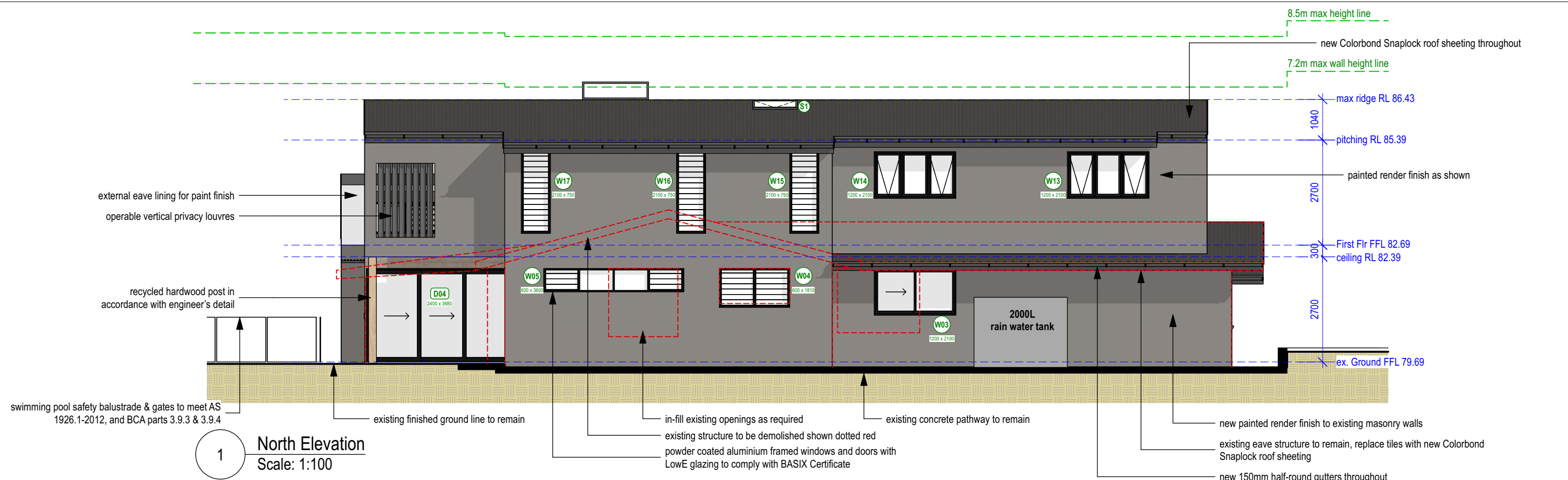


3 South Elevation - Existing
Scale: 1:100

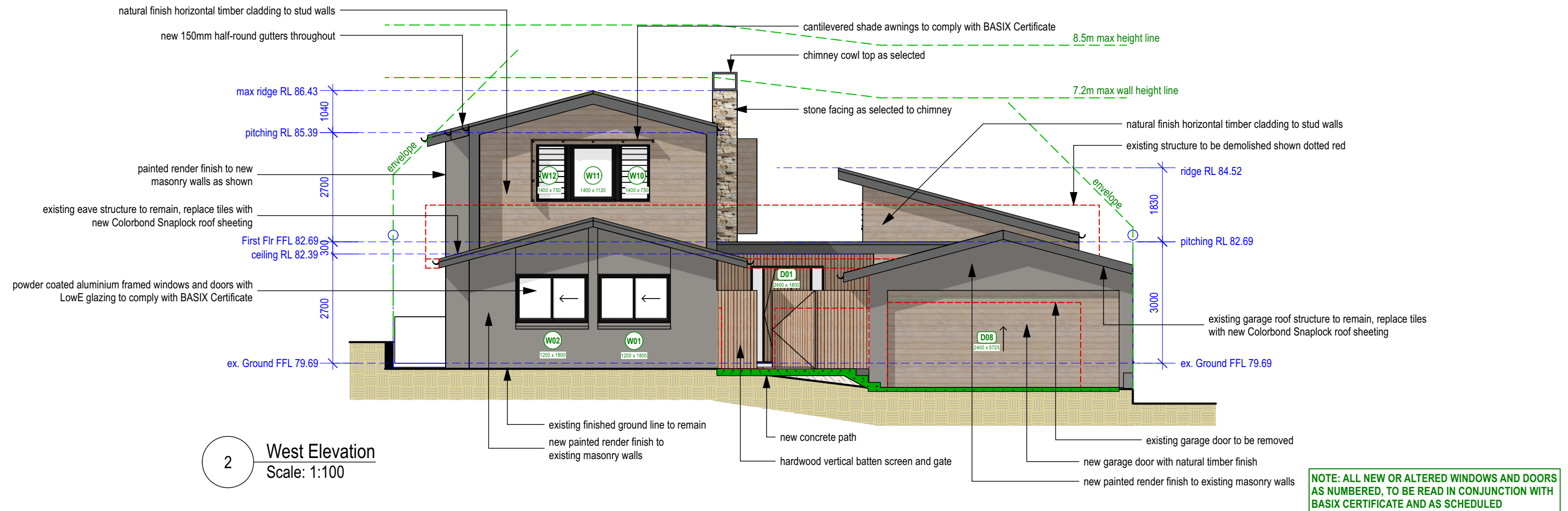
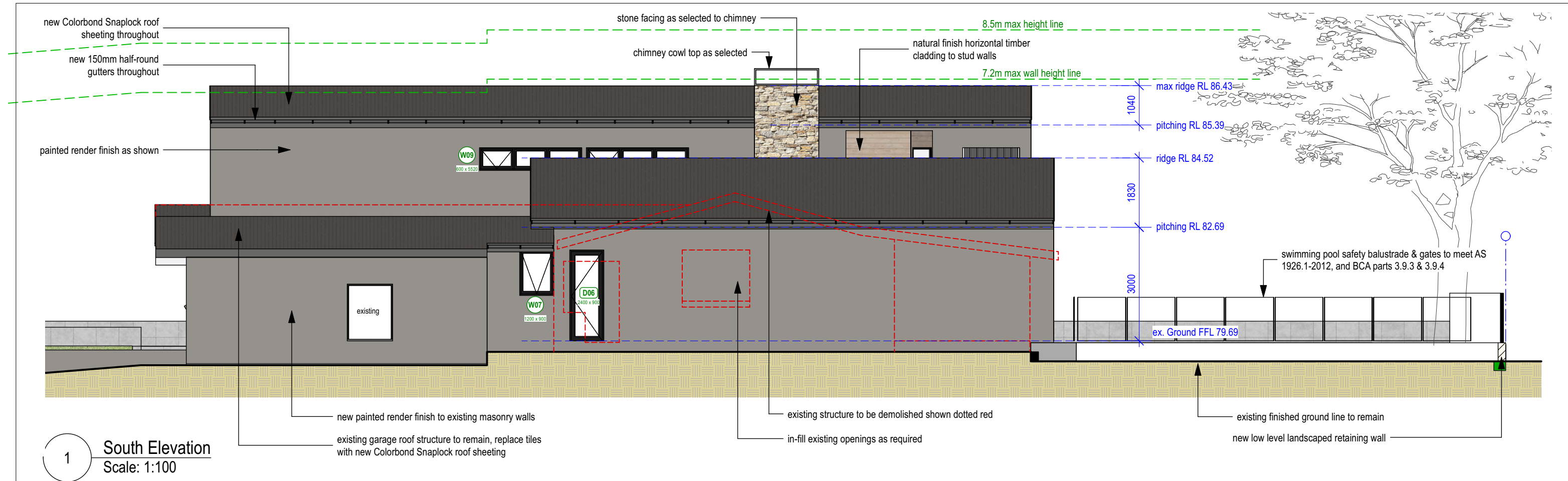


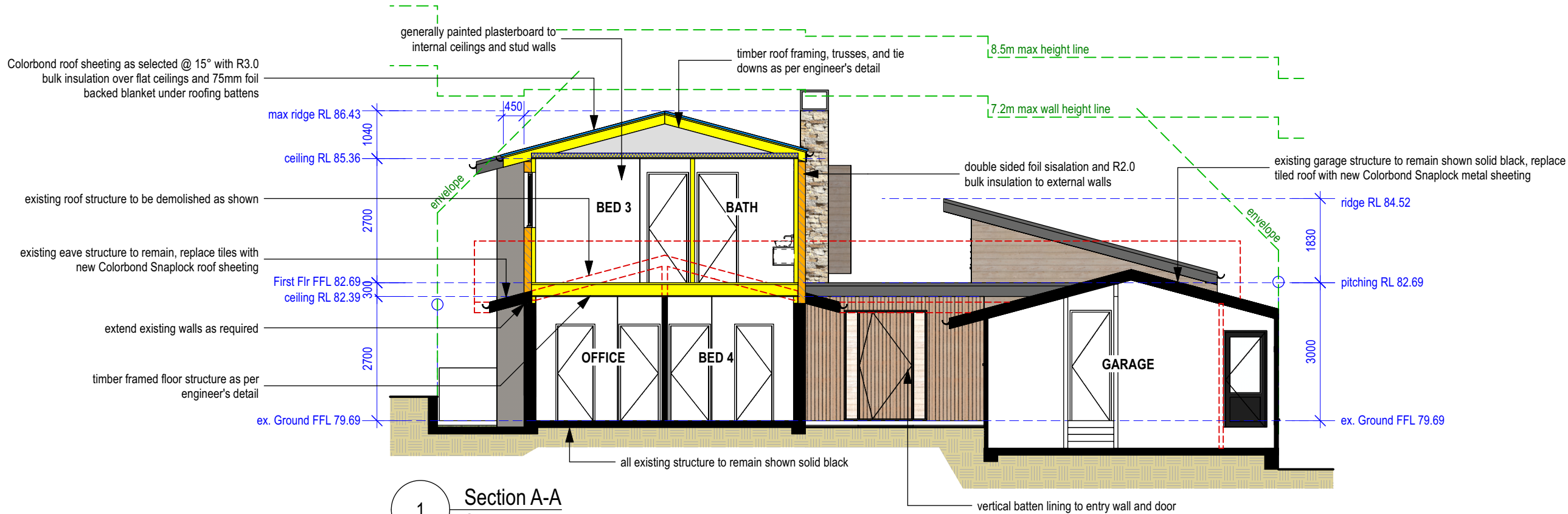
4 West Elevation - Existing
Scale: 1:100



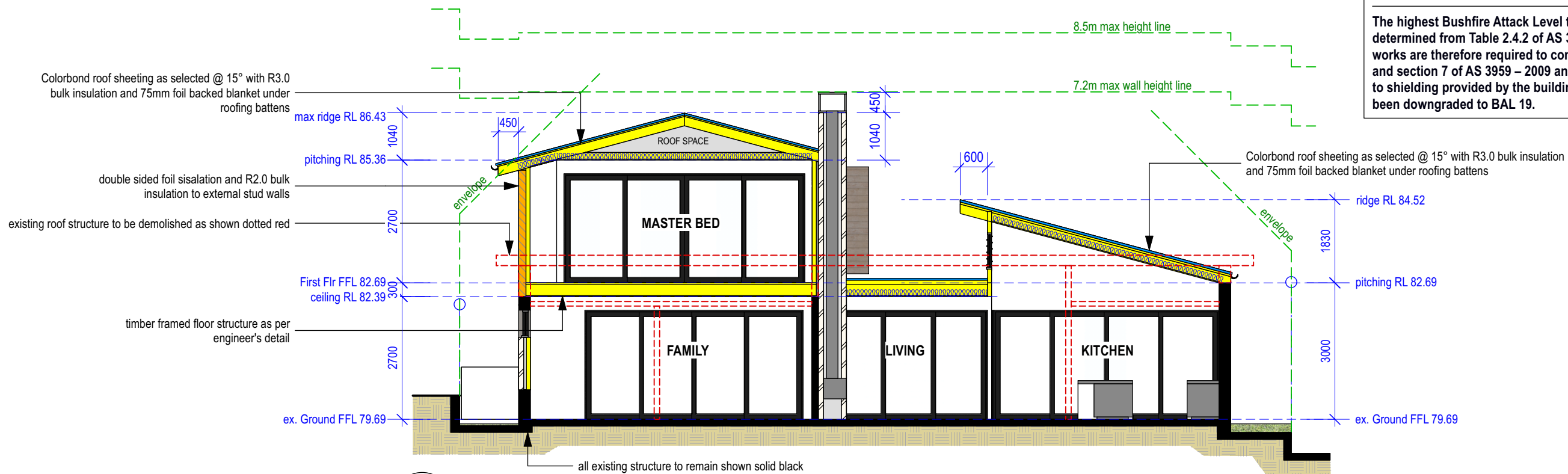


NOTE: ALL NEW OR ALTERED WINDOWS AND DOORS AS NUMBERED, TO BE READ IN CONJUNCTION WITH BASIX CERTIFICATE AND AS SCHEDULED





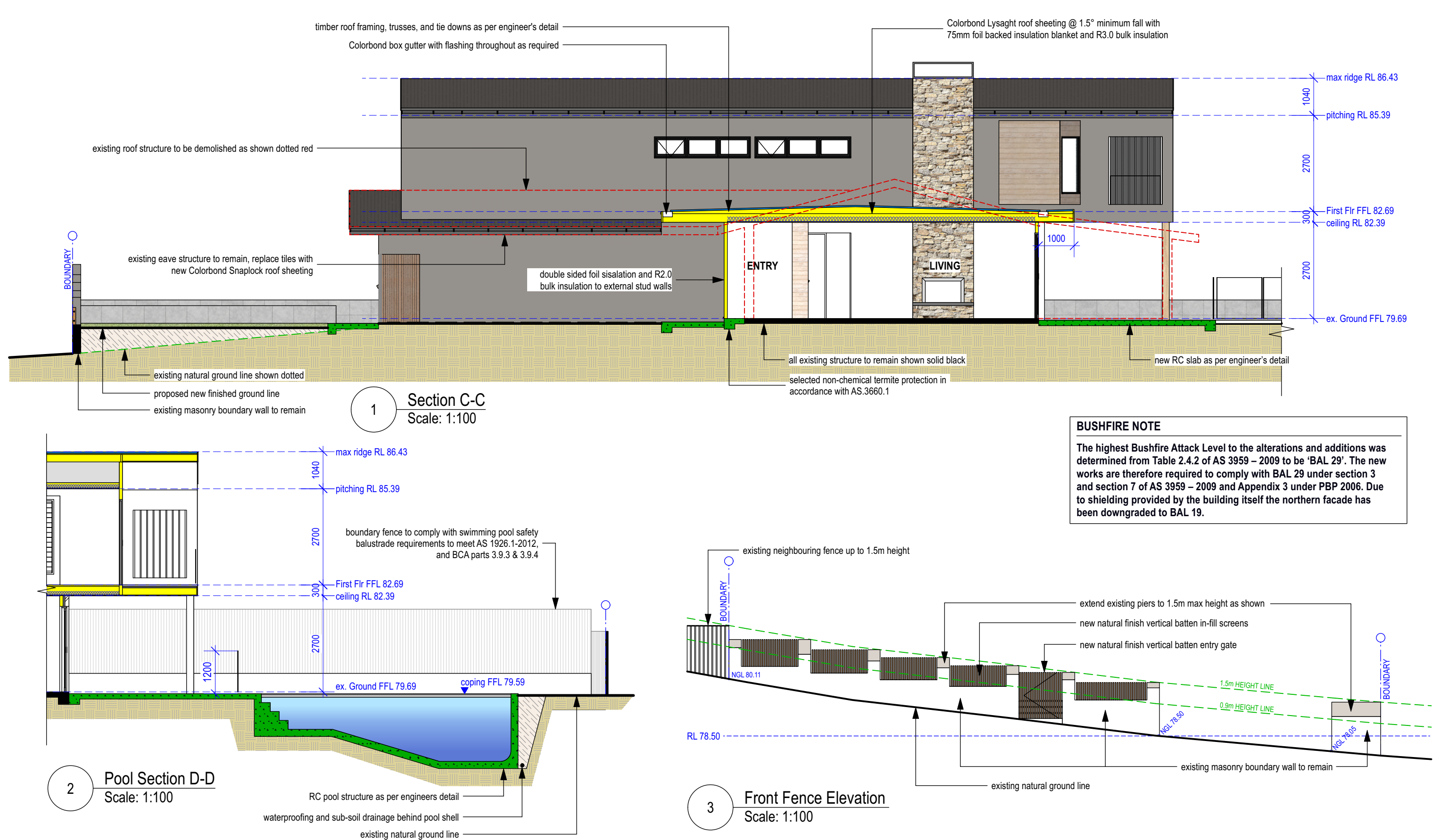
1 Section A-A
Scale: 1:100

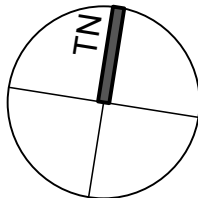
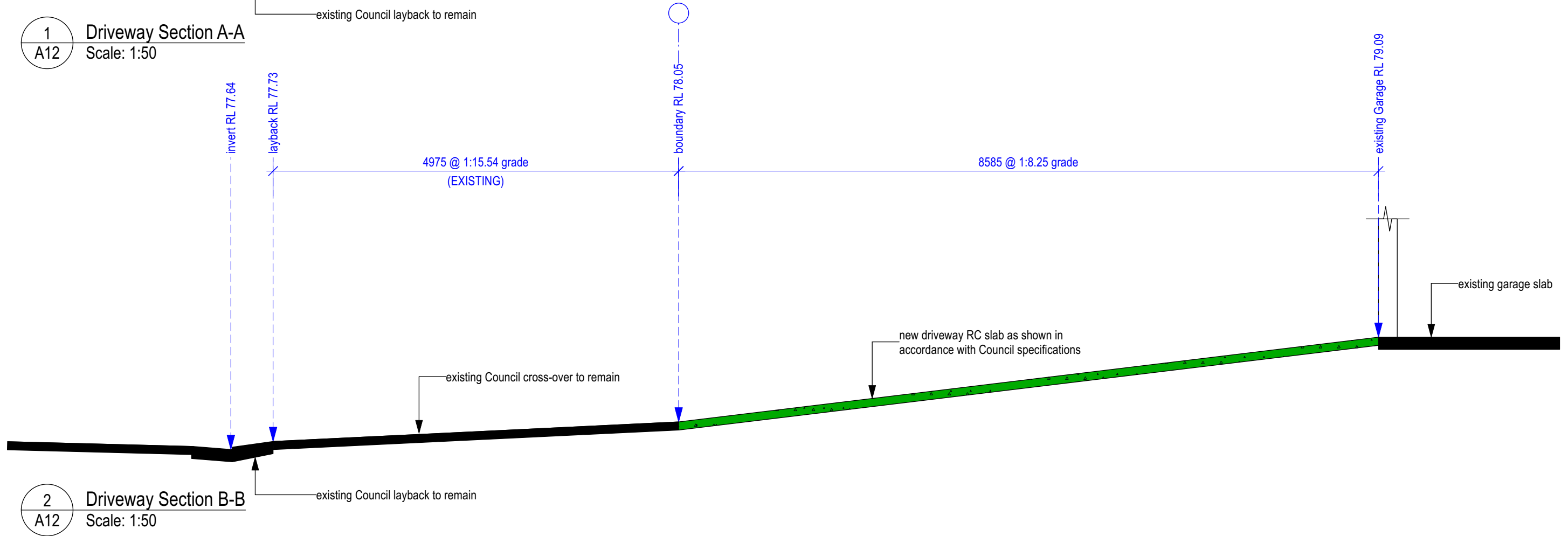
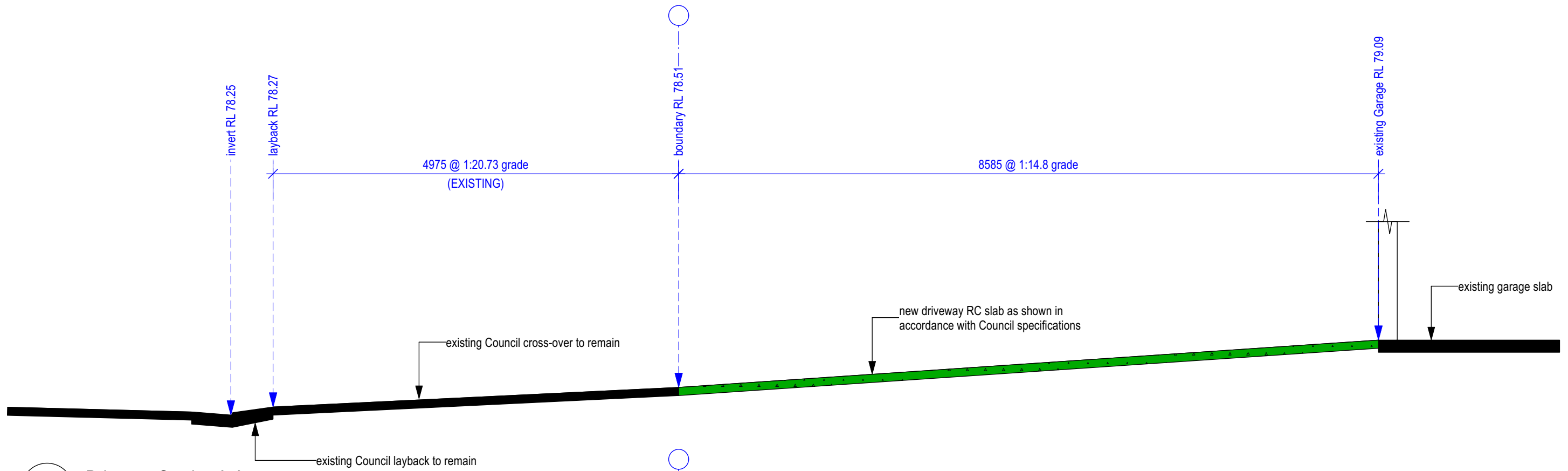


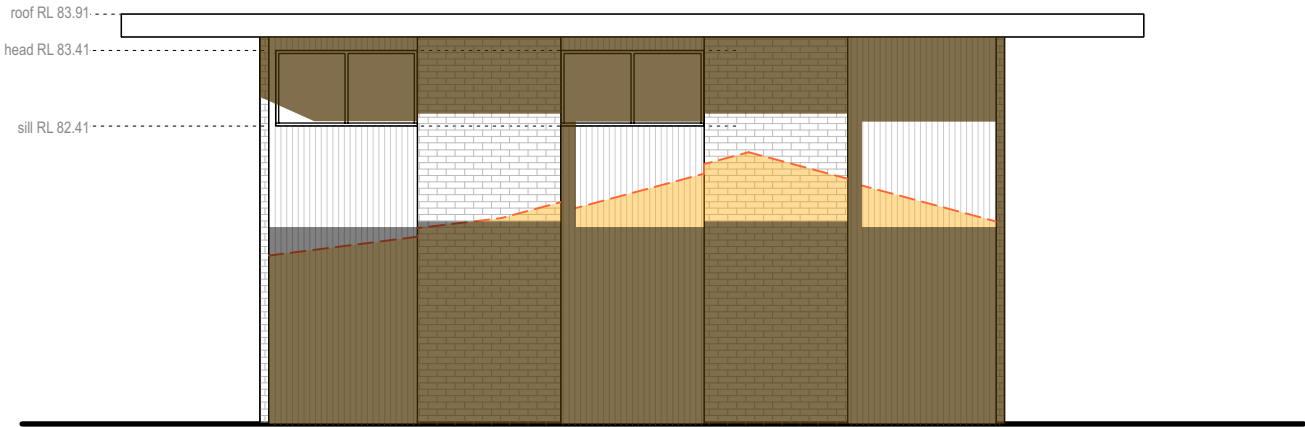
2 Section B-B
Scale: 1:100

BUSHFIRE NOTE

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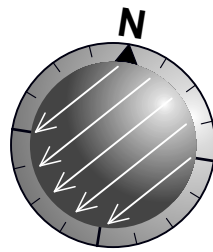
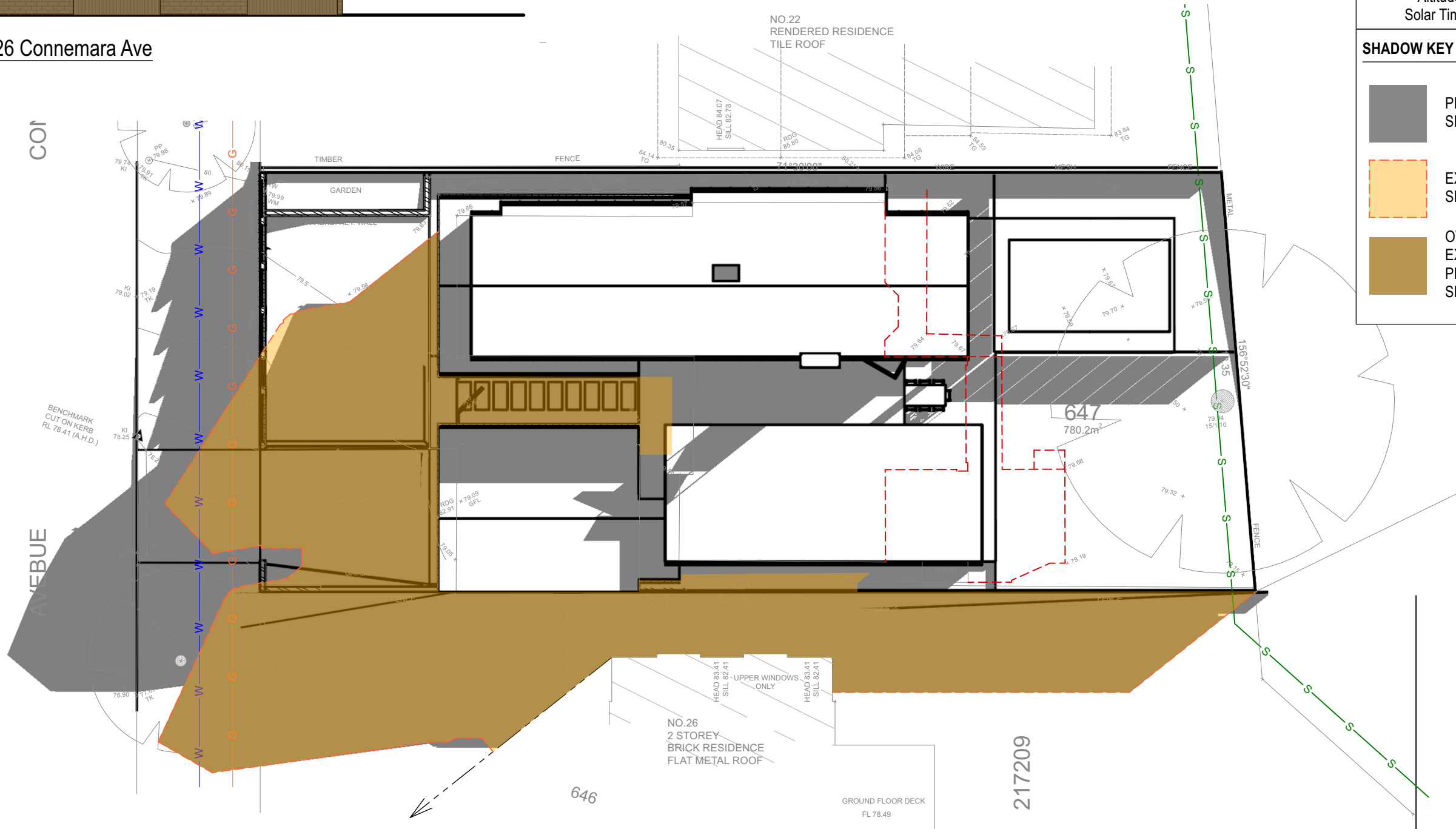






1

Elevation Shadows - 26 Connemara Ave
Scale: 1:100



9:00 AM
Sydney
June 21
Azimuth: 42° 32' [42° 0' east]
Altitude: 18° 56'
Solar Time: 9:03 AM

SHADOW KEY

- PROPOSED SITE SHADOWS
- EXISTING SITE SHADOWS
- OVERLAP OF EXISTING & PROPOSED SHADOWS

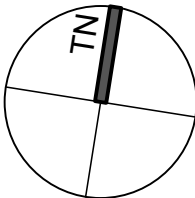
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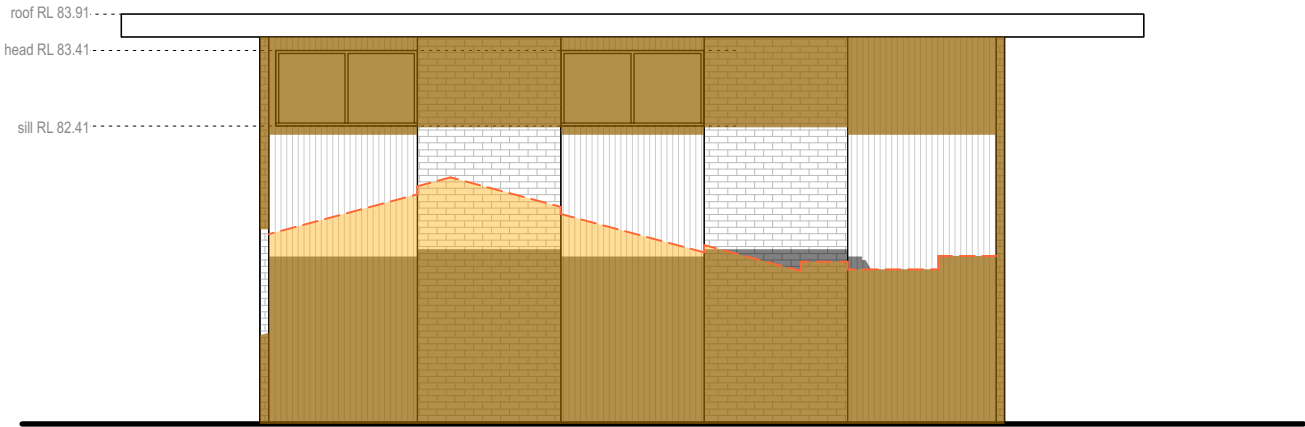


PROJECT: Alterations & Additions
CLIENT: Mike & Tina Bocock
ADDRESS: 22A Connemara Ave, KILLARNEY HTS
Being LOT 647 in D.P. 217209

DRAWING: Site Shadows - June 21 @ 9am
ISSUE DATE: 10/10/21
PROJECT NO.: 0917
ORIGINAL SHEET SIZE: A3
PROJECT TYPE: DA1
DRAWN: DV
CHKD:

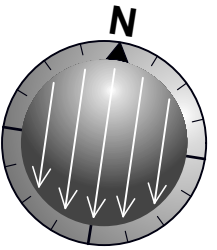
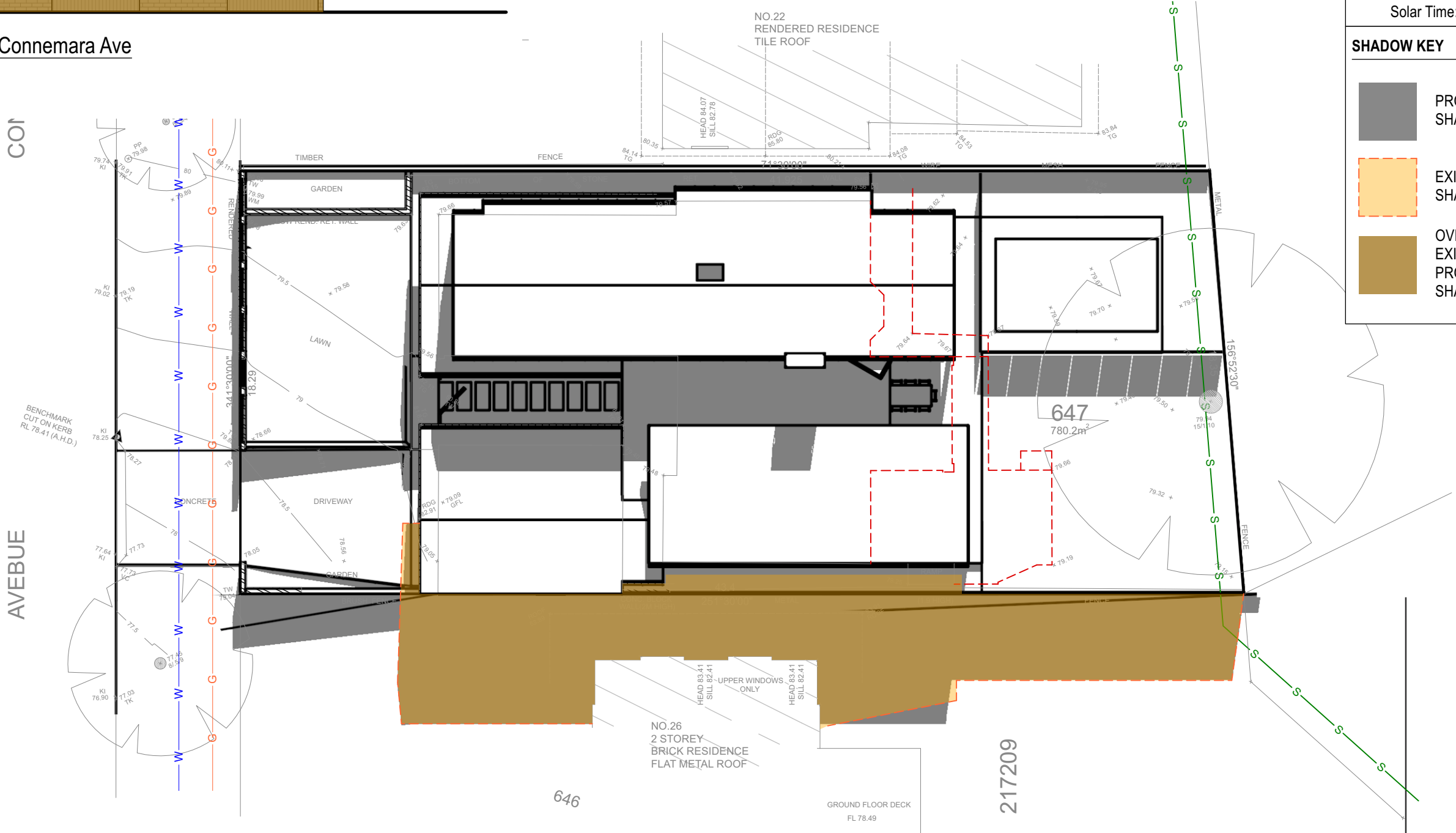
SHEET NO.: **A14**
SCALE @ A3: 1:200
REVISION:

GENERAL NOTES: ALL RL'S SHOWN ARE FINISHED LEVELS, BUILDER TO PROVIDE SET DOWNS & ALLOWANCES AS REQUIRED. ALL OPENING DIMENSIONS ARE NOMINAL, BUILDER TO CHECK SIZES ON-SITE BEFORE ORDERING WINDOW AND DOOR UNITS.



1

Elevation Shadows - 26 Connemara Ave
Scale: 1:100



12:00 PM

Sydney
June 21
Azimuth: 359° 7' [0° 0' west]
Altitude: 32° 40'
Solar Time: 12:03 PM

SHADOW KEY

- PROPOSED SITE SHADOWS
- EXISTING SITE SHADOWS
- OVERLAP OF EXISTING & PROPOSED SHADOWS

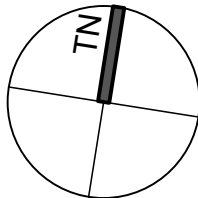
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REVISION DATE REVISION NOTE

FOR DA SUBMISSION



PROJECT: Alterations & Additions

CLIENT: Mike & Tina Bocock

ADDRESS: 22A Connemara Ave, KILLARNEY HTS
Being LOT 647 in D.P. 217209

DRAWING: Site Shadows - June 21 @ 12Noon

ISSUE DATE: 10/10/21

PROJECT NO.: 0917

ORIGINAL SHEET SIZE: A3

PROJECT TYPE: DA1

DRAWN: DV

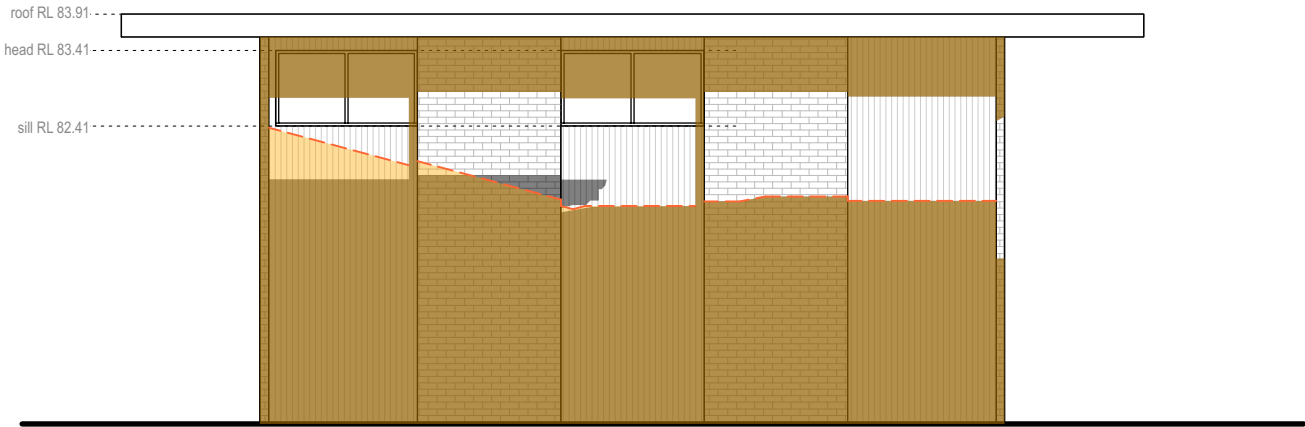
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SHEET NO.: A15

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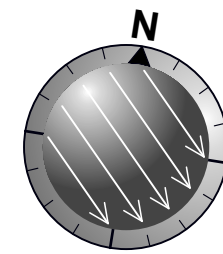
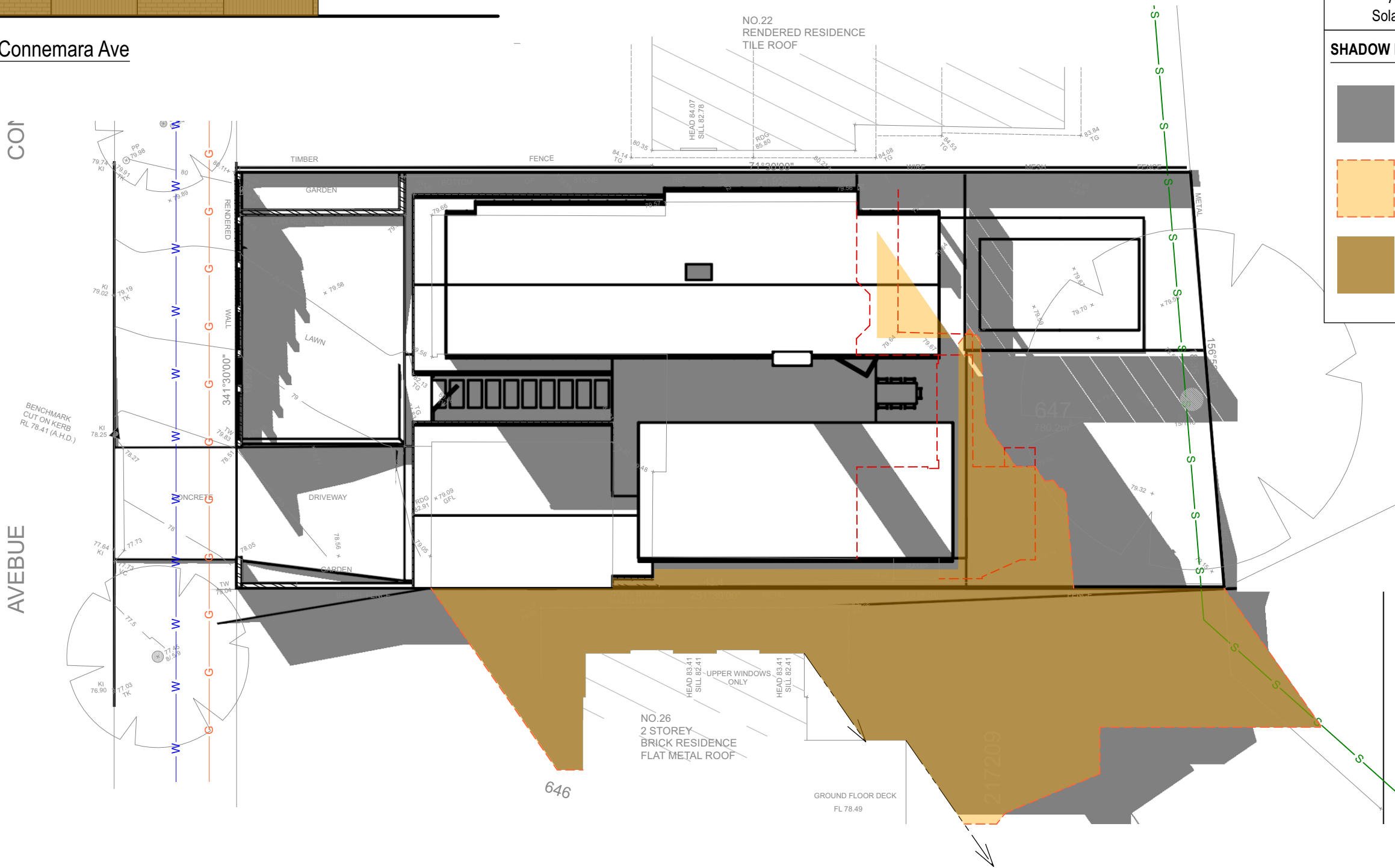
REVISION:

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1

Elevation Shadows - 26 Connemara Ave
Scale: 1:100



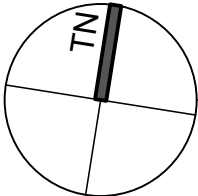
3:00 PM
Sydney
June 21
Azimuth: 316° 14' [43° 0' west]
Altitude: 18° 0'
Solar Time: 3:03 PM

SHADOW KEY

- PROPOSED SITE SHADOWS
- EXISTING SITE SHADOWS
- OVERLAP OF EXISTING & PROPOSED SHADOWS

REVISION	DATE	REVISION NOTE
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FOR DA SUBMISSION



PROJECT: Alterations & Additions
CLIENT: Mike & Tina Bocock
ADDRESS: 22A Connemara Ave, KILLARNEY HTS
Being LOT 647 in D.P. 217209

DRAWING: Site Shadows - June 21 @ 3pm

ISSUE DATE:	ORIGINAL SHEET SIZE:	DRAWN:	SCALE @ A3:
10/10/21	A3	DV	1:200
PROJECT NO.:	PROJECT TYPE:	CHKD:	REVISION:
0917	DA1		

WINDOWS SCHEDULE							
ID	Type	Opening Height	Opening Width	Unit Area	Glazing Type	Head (nom.)	Comments
W01	SLIDING	1200 mm	1800 mm	2.16 m2	LOW-E	2200	SLIDING / FIXED
W02	SLIDING	1200 mm	1800 mm	2.16 m2	LOW-E	2200	SLIDING / FIXED
W03	SLIDING	1200 mm	2100 mm	2.52 m2	LOW-E	2400	SLIDING / FIXED
W04	LOUVRE	1000 mm	1810 mm	1.81 m2	TRANSLUCENT	2400	
W05	LOUVRE	600 mm	3600 mm	2.16 m2	LOW-E	2400	
W06	AWNING	600 mm	2700 mm	1.62 m2	LOW-E	2100	FIXED / FIXED / AWNING
W07	AWNING	1200 mm	900 mm	1.08 m2	LOW-E	2400	
W08	LOUVRE	1200 mm	450 mm	0.54 m2	TRANSLUCENT	2400	
W09	AWNING	600 mm	2700 mm	1.62 m2	LOW-E	2100	AWNING / FIXED / FIXED
W10	LOUVRE	1400 mm	750 mm	1.05 m2	LOW-E	2400	
W11	FIXED	1400 mm	1120 mm	1.57 m2	LOW-E	2400	
W12	LOUVRE	1400 mm	750 mm	1.05 m2	LOW-E	2400	
W13	AWNING	1200 mm	2100 mm	2.52 m2	LOW-E	2400	AWNING / FIXED / AWNING
W14	AWNING	1200 mm	2100 mm	2.52 m2	LOW-E	2400	AWNING / FIXED / AWNING
W15	LOUVRE	2100 mm	750 mm	1.58 m2	TRANSLUCENT	2400	
W16	LOUVRE	2100 mm	750 mm	1.58 m2	LOW-E	2400	
W17	LOUVRE	2100 mm	750 mm	1.58 m2	LOW-E	2400	
W18	FIXED	1600 mm	1000 mm	1.60 m2	LOW-E	2100	
W19	LOUVRE	800 mm	2770 mm	2.22 m2	LOW-E	1100	FIXED / LOUVRE / FIXED - Sill set at 3300mm above floor level
W20	LOUVRE	800 mm	2770 mm	2.22 m2	LOW-E	1100	FIXED / LOUVRE / FIXED - Sill set at 3300mm above floor level
W21	LOUVRE	800 mm	3680 mm	2.94 m2	LOW-E	1100	FIXED / LOUVRE / LOUVRE / FIXED - Sill set at 3300mm above floor level
		VARIES					

DOORS SCHEDULE								
ID	Type	Opening Height	Opening Width	Unit Area	Glazing Type	Head (nom.)	No. Doors	Comments
D01	HINGED	2400 mm	1800 mm	4.32 m2	SOLID	2400	1	1200 Pivot solid entrv door with fixed side-lights
D02	BI-FOLD	2400 mm	4800 mm	11.52 m2	LOW-E	2400	6	
D03	BI-FOLD	2400 mm	3480 mm	8.35 m2	LOW-E	2400	4	
D04	BI-FOLD	2400 mm	3665 mm	8.80 m2	LOW-E	2400	4	
D05	BI-FOLD	2400 mm	4950 mm	11.88 m2	LOW-E	2400	6	
D06	HINGED	2400 mm	900 mm	2.16 m2	LOW-E	2400	1	
D07	HINGED	2100 mm	940 mm	1.97 m2	1/2 GALZED	2100	1	Garage hinged door - BASIX N/A
D08	HINGED	2400 mm	5725 mm	13.74 m2	SOLID	2400	1	Garage door as selected - BASIX N/A
D09	BI-FOLD	2400 mm	5300 mm	12.72 m2	LOW-E	2400	6	

NOTES

1. All external glazing units to have powder coated aluminium frames as selected. Owner to give final approval to external glazing units before ordering.

2. Generally Viridian '**ComfortPlus Clear**' glazing throughout, '**EnergyTech Clear**' 6mm toughened to louvre windows, (translucent to bathrooms / WC's). All glazing to comply with Part 3.6 of the current BCA, and BASIX requirements.

3. Dimensions given are nominal and to suit scheduled opening sizes - Contractor to check all dimensions on site before ordering glazing units. Contact Elevate Design if dimensions conflict.

4. Refer to Elevations for fixed/openable sashes.

5. Provide approved matching insect screens to opening window and door sashes.

6. Internal door sizes generally as noted on plan, to be painted flush solid core doors unless noted otherwise.

7. Provide Brio (or similar) retractable screens to all glazed external sliding doors. Owner to confirm.

8. The highest Bushfire Attack Level to the alterations and additions was determined from Table 2.4.2 of AS 3959 – 2009 to be 'BAL 29'. The new works are therefore required to comply with BAL 29 under section 3 and section 7 of AS 3959 – 2009 and Appendix 3 under PBP 2006. Due to shielding provided by the building itself the northern facade has been downgraded to BAL 19.

EXTERNAL FINISHES SCHEDULE FOR DA

NOTE:

- All colour selections shall be sampled and swatch tested on subject surface prior to final application.

- Colours represented on this schedule do NOT necessarily reflect true colours.



WEATHERBOARD CLADDING
NATURAL TIMBER



ENTRY WALL & FEATURE SCREENS
VERTICAL TIMBER BATTENS



FRONT WINDOW SHADE AWNING
TIMBER BATTENS



STANDING SEAM ROOFING
DARK - eg. MONUMENT



PAINTED RENDER
WARM GREY TONE



FRONT FENCE IN-FILL SCREENS
VERTICAL TIMBER BATTENS



DOOR / WINDOW FRAMES
DARK - eg. MONUMENT



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ABN: 96 155 208 131
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REVISION DATE REVISION NOTE

FOR DA SUBMISSION

PROJECT:
Alterations & Additions

CLIENT:
Mike & Tina Bocock

ADDRESS: 22A Connemara Ave, KILLARNEY HTS
Being LOT 647 in D.P. 217209

DRAWING:
Window / Door Schedule & External Finishes

ISSUE DATE: 10/10/21
ORIGINAL SHEET SIZE: A3
DRAWN: DV

PROJECT NO.: 0917
PROJECT TYPE: DA1

SHEET NO.:
A17

SCALE @ A3:

CHKD: REVISION:

GENERAL NOTES: ALL RL'S SHOWN ARE FINISHED LEVELS, BUILDER TO PROVIDE SET DOWNS & ALLOWANCES AS REQUIRED. ALL OPENING DIMENSIONS ARE NOMINAL, BUILDER TO CHECK SIZES ON-SITE BEFORE ORDERING WINDOW AND DOOR UNITS.

BASIX®Certificate

Building Sustainability Index www.basix.nsw.gov.au

Alterations and Additions

Certificate number: A323303_02

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 Alterations and Additions Definitions" dated 06/10/2017 published by the Department. This document is available at www.basix.nsw.gov.au

Secretary
Date of issue: Monday, 11, October 2021
To be valid, this certificate must be lodged within 3 months of the date of issue.



Planning,
Industry &
Environment

Description of project

Project address	
Project name	Bocock Residence_02
Street address	22A Connemara Avenue Killarney Heights 2087
Local Government Area	Northern Beaches Council
Plan type and number	Deposited Plan 217209
Lot number	647
Section number	
Project type	
Dwelling type	Separate dwelling house
Type of alteration and addition	My renovation work is valued at \$50,000 or more, and includes a pool (and/or spa).

Certificate Prepared by (please complete before submitting to Council or PCA)
Name / Company Name: Elevate Design & Drafting
ABN (if applicable): 96155208131

BASIX Certificate number: A323303_02

page 3 / 9

Fixtures and systems	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: gas instantaneous.	✓	✓	✓
Lighting			
The applicant must ensure a minimum of 40% of new or altered light fixtures are fitted with fluorescent, compact fluorescent, or light-emitting-diode (LED) lamps.		✓	✓
Fixtures			
The applicant must ensure new or altered showerheads have a flow rate no greater than 9 litres per minute or a 3 star water rating.		✓	✓
The applicant must ensure new or altered toilets have a flow rate no greater than 4 litres per average flush or a minimum 3 star water rating.		✓	✓
The applicant must ensure new or altered taps have a flow rate no greater than 9 litres per minute or minimum 3 star water rating.		✓	

Planning, Industry & Environment

Building Sustainability Index www.basix.nsw.gov.au

BASIX Certificate number: A323303_02

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Pool and Spa	Show on DA Plans	Show on CC/CDC Plans & specs	Certifier Check
Rainwater tank			
The applicant must install a rainwater tank of at least 1925 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 rainwater runoff from at least 70 square metres of roof area.		✓	✓
The applicant must connect the rainwater tank to a tap located within 10 metres of the edge of the pool.		✓	✓
Outdoor swimming pool			
The swimming pool must be outdoors.	✓	✓	✓
The swimming pool must not have a capacity greater than 40 kilolitres.	✓	✓	✓
The applicant must install a pool pump timer for the swimming pool.		✓	✓
The applicant must install the following heating system for the swimming pool that is part of this development: solar only.		✓	✓

Planning, Industry & Environment

Building Sustainability Index www.basix.nsw.gov.au

BASIX Certificate number: A323303_02

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Construction	Show on DA Plans	Show on CC/CDC Plans & specs	Certifier Check
Insulation requirements			
The applicant must construct the new or altered construction (floor(s), walls, and ceilings/roofs) in accordance with the specifications listed in the table below, except that a) additional insulation is not required where the area of new construction is less than 2m2, b) insulation specified is not required for parts of altered construction where insulation already exists.		✓	✓
		✓	✓
Construction	Additional insulation required (R-value)	Other specifications	
concrete slab on ground floor.	nil		
floor above existing dwelling or building.	nil		
external wall: brick veneer	R1.16 (or R1.70 including construction)		
external wall: framed (weatherboard, fibro, metal clad)	R1.30 (or R1.70 including construction)		
external wall: external insulated façade system (EIFS)(façade panel: 75 mm)	nil		
internal wall shared with garage: single skin masonry (R0.18)	nil		
flat ceiling, pitched roof	ceiling: R2.50 (up), roof: foil/sarking	dark (solar absorptance > 0.70)	
raked ceiling, pitched/skillion roof: framed	ceiling: R2.50 (up), roof: foil/sarking	dark (solar absorptance > 0.70)	
flat ceiling, flat roof: framed	ceiling: R2.50 (up), roof: foil/sarking	dark (solar absorptance > 0.70)	

Planning, Industry & Environment

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REVISION DATE REVISION NOTE

FOR DA SUBMISSION

PROJECT:

Alterations & Additions

CLIENT:

Mike & Tina Bocock

ADDRESS:

22A Connemara Ave, KILLARNEY HTS
Being LOT 647 in D.P. 217209

DRAWING:

BASIX Requirements - Sheet 1

ISSUE DATE:

10/10/21

PROJECT NO.:

0917

ORIGINAL SHEET SIZE:

A3

PROJECT TYPE:

DA1

DRAWN:

DV

CHKD:

SHEET NO.:

A18

SCALE @ A3:

REVISION:

GENERAL NOTES: ALL RL'S SHOWN ARE FINISHED LEVELS, BUILDER TO PROVIDE SET DOWNS & ALLOWANCES AS REQUIRED. ALL OPENING DIMENSIONS ARE NOMINAL, BUILDER TO CHECK SIZES ON-SITE BEFORE ORDERING WINDOW AND DOOR UNITS.

Glazing requirements	Show on DA Plans	Show on CC/CDC Plans & specs	Certifier Check
Windows and glazed doors			
The applicant must install the windows, glazed doors and shading devices, in accordance with the specifications listed in the table below. Relevant overshadowing specifications must be satisfied for each window and glazed door.	✓	✓	✓
The following requirements must also be satisfied in relation to each window and glazed door:		✓	✓
Each window or glazed door with standard aluminium or timber frames and single clear or toned glass may either match the description, or, have a U-value and a Solar Heat Gain Coefficient (SHGC) no greater than that listed in the table below. Total system U-values and SHGCs must be calculated in accordance with National Fenestration Rating Council (NFRC) conditions.		✓	✓
Each window or glazed door with improved frames, or pyrolytic low-e glass, or clear/air gap/clear glazing, or toned/air gap/clear glazing must have a U-value and a Solar Heat Gain Coefficient (SHGC) no greater than that listed in the table below. Total system U-values and SHGCs must be calculated in accordance with National Fenestration Rating Council (NFRC) conditions. The description is provided for information only. Alternative systems with complying U-value and SHGC may be substituted.		✓	✓
For projections described in millimetres, the leading edge of each eave, pergola, verandah, balcony or awning must be no more than 500 mm above the head of the window or glazed door and no more than 2400 mm above the sill.	✓	✓	✓
For projections described as a ratio, the ratio of the projection from the wall to the height above the window or glazed door sill must be at least that shown in the table below.	✓	✓	✓
Pergolas with polycarbonate roof or similar translucent material must have a shading coefficient of less than 0.35.		✓	✓
Pergolas with fixed battens must have battens parallel to the window or glazed door above which they are situated, unless the pergola also shades a perpendicular window. The spacing between battens must not be more than 50 mm.		✓	✓
Pergolas with adjustable shading may have adjustable blades or removable shade cloth (not less than 80% shading ratio). Adjustable blades must overlap in plan view.		✓	✓
Overshadowing buildings or vegetation must be of the height and distance from the centre and the base of the window and glazed door, as specified in the 'overshadowing' column in the table below.	✓	✓	✓
Windows and glazed doors glazing requirements			

Glazing requirements							Show on DA Plans	Show on CC/CDC Plans & specs	Certifier Check
Window / door no.	Orientation	Area of glass inc. frame (m2)	Overshadowing		Shading device	Frame and glass type			
			Height (m)	Distance (m)					
W01	W	2.16	0	0	eave/verandah/pergola/balcony >=750 mm	standard aluminium, single pyrolytic low-e, (U-value: 5.7, SHGC: 0.47)			
W02	W	2.16	0	0	eave/verandah/pergola/balcony >=750 mm	standard aluminium, single pyrolytic low-e, (U-value: 5.7, SHGC: 0.47)			
W03	N	3.47	0	0	eave/verandah/pergola/balcony >=750 mm	standard aluminium, single pyrolytic low-e, (U-value: 5.7, SHGC: 0.47)			
W04	N	1.81	3.63	2.26	none	standard aluminium, single pyrolytic low-e, (U-value: 5.7, SHGC: 0.47)			
W05	N	2.16	3.63	2.26	none	standard aluminium, single pyrolytic low-e, (U-value: 5.7, SHGC: 0.47)			
W06	S	1.62	0	0	none	standard aluminium, single pyrolytic low-e, (U-value: 5.7, SHGC: 0.47)			
W07	S	1.08	0	0	none	standard aluminium, single pyrolytic low-e, (U-value: 5.7, SHGC: 0.47)			
W08	N	0.54	0	0	eave/verandah/pergola/balcony >=900 mm	standard aluminium, single toned, (or U-value: 7.57, SHGC: 0.57)			
W09	S	1.62	0	0	none	standard aluminium, single pyrolytic low-e, (U-value: 5.7, SHGC: 0.47)			
W10	W	0.75	0	0	eave/verandah/pergola/balcony >=750 mm	standard aluminium, single toned, (or U-value: 7.57, SHGC: 0.57)			
W11	W	1.12	0	0	eave/verandah/pergola/balcony >=750 mm	standard aluminium, single pyrolytic low-e, (U-value: 5.7, SHGC: 0.47)			
W12	W	0.75	0	0	eave/verandah/pergola/balcony >=750 mm	standard aluminium, single pyrolytic low-e, (U-value: 5.7, SHGC: 0.47)			
W13	N	2.1	0	0	eave/verandah/pergola/balcony >=450 mm	standard aluminium, single pyrolytic low-e, (U-value: 5.7, SHGC: 0.47)			

Glazing requirements							Show on DA Plans	Show on CC/CDC Plans & specs	Certifier Check
Window / door no.	Orientation	Area of glass inc. frame (m2)	Overshadowing		Shading device	Frame and glass type			
			Height (m)	Distance (m)					
W14	N	2.1	0	0	eave/verandah/pergola/balcony >=450 mm	standard aluminium, single pyrolytic low-e, (U-value: 5.7, SHGC: 0.47)			
W15	N	1.58	0	0	eave/verandah/pergola/balcony >=450 mm	standard aluminium, single pyrolytic low-e, (U-value: 5.7, SHGC: 0.47)			
W16	N	1.58	0	0	eave/verandah/pergola/balcony >=450 mm	standard aluminium, single pyrolytic low-e, (U-value: 5.7, SHGC: 0.47)			
W17	N	1.58	0	0	eave/verandah/pergola/balcony >=450 mm	standard aluminium, single pyrolytic low-e, (U-value: 5.7, SHGC: 0.47)			
W18	SE	1.6	0	0	none	standard aluminium, single pyrolytic low-e, (U-value: 5.7, SHGC: 0.47)			
W19	N	2.22	0	0	eave/verandah/pergola/balcony >=600 mm	standard aluminium, single pyrolytic low-e, (U-value: 5.7, SHGC: 0.47)			
W20	N	2.22	0	0	eave/verandah/pergola/balcony >=600 mm	standard aluminium, single pyrolytic low-e, (U-value: 5.7, SHGC: 0.47)			
W21	N	2.94	0	0	eave/verandah/pergola/balcony >=600 mm	standard aluminium, single pyrolytic low-e, (U-value: 5.7, SHGC: 0.47)			
D02	E	11.52	0	0	eave/verandah/pergola/balcony >=900 mm	standard aluminium, single pyrolytic low-e, (U-value: 5.7, SHGC: 0.47)			
D03	E	8.35	0	0	pergola (adjustable shade) >=900 mm	standard aluminium, single pyrolytic low-e, (U-value: 5.7, SHGC: 0.47)			
D04	N	8.83	5.9	3.6	none	standard aluminium, single pyrolytic low-e, (U-value: 5.7, SHGC: 0.47)			
D05	E	12	0	0	projection/height above sill ratio >=0.23	standard aluminium, single pyrolytic low-e, (U-value: 5.7, SHGC: 0.47)			
D09	E	11.13	0	0	eave/verandah/pergola/balcony >=900 mm	standard aluminium, single pyrolytic low-e, (U-value: 5.7, SHGC: 0.47)			

Glazing requirements	Show on DA Plans	Show on CC/CDC Plans & specs	Certifier Check								
Skylights											
The applicant must install the skylights in accordance with the specifications listed in the table below.	✓	✓	✓								
The following requirements must also be satisfied in relation to each skylight:		✓	✓								
Each skylight may either match the description, or, have a U-value and a Solar Heat Gain Coefficient (SHGC) no greater than that listed in the table below.		✓	✓								
Skylights glazing requirements											
<table><tr><th>Skylight number</th><th>Area of glazing inc. frame (m2)</th><th>Shading device</th><th>Frame and glass type</th></tr><tr><td>S1</td><td>0.72</td><td>no shading</td><td>timber, low-E internal/argon fill/clear external, (or U-value: 2.5, SHGC: 0.456)</td></tr></table>	Skylight number	Area of glazing inc. frame (m2)	Shading device	Frame and glass type	S1	0.72	no shading	timber, low-E internal/argon fill/clear external, (or U-value: 2.5, SHGC: 0.456)			
Skylight number	Area of glazing inc. frame (m2)	Shading device	Frame and glass type								
S1	0.72	no shading	timber, low-E internal/argon fill/clear external, (or U-value: 2.5, SHGC: 0.456)								

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 & 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 for the development may be issued.



SOUTHEAST PERSPECTIVE VIEW



NORTHWEST PERSPECTIVE VIEW



NORTHEAST PERSPECTIVE VIEW



SOUTHWEST PERSPECTIVE VIEW