

Proposed New Swimming Pool and Alterations and Additions to an existing dwelling at

86 Wanstead Avenue Earlwood



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Client Michael Smith & Patricia Ryan

DESIGN INTENT DOCUMENTS FOR COUNCIL (DA)

Cover Sheet

ABN: 23991812162 34/60-66 Village Drive BREAKFAST POINT NSW 2137 t: 0409 989 669 em: info@studio3dq.com.au web: studio3dq.com.au

rchitect: Sandy Martikas (Registration No: 9783)

John Romanous & Assoc (Stormwater) Building & Energy Consultants (BASIX) Zenith Landscape Designs (Landscaping) Consulting Earth Scientists (Acid Sulfate Soils)

Proposed New swimming pool & Alterations and Additions to an existing dwelling at 8b Wanstead Avenue Earlwood

Rev. # Description

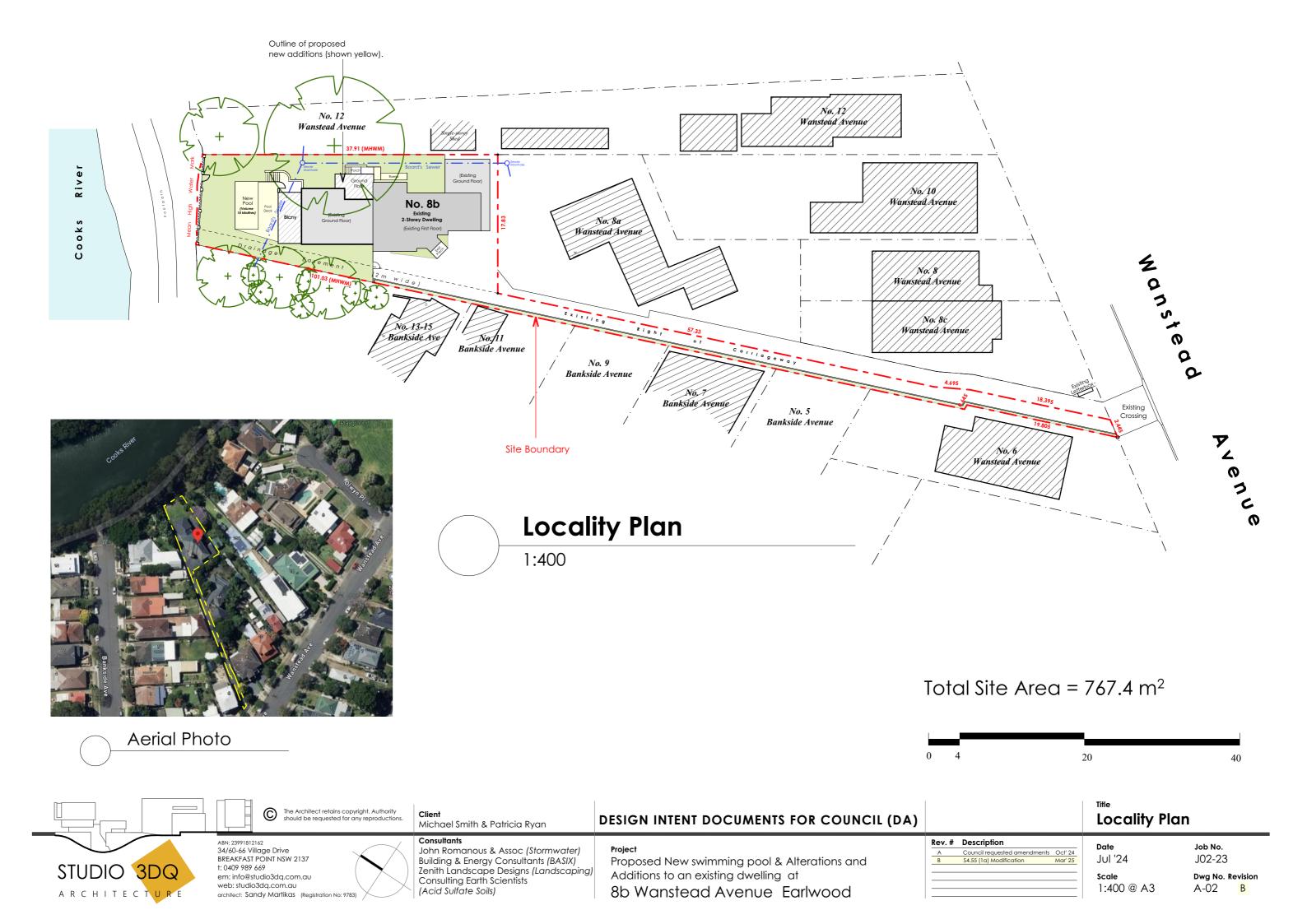
A Council requested amendments Oct' 24

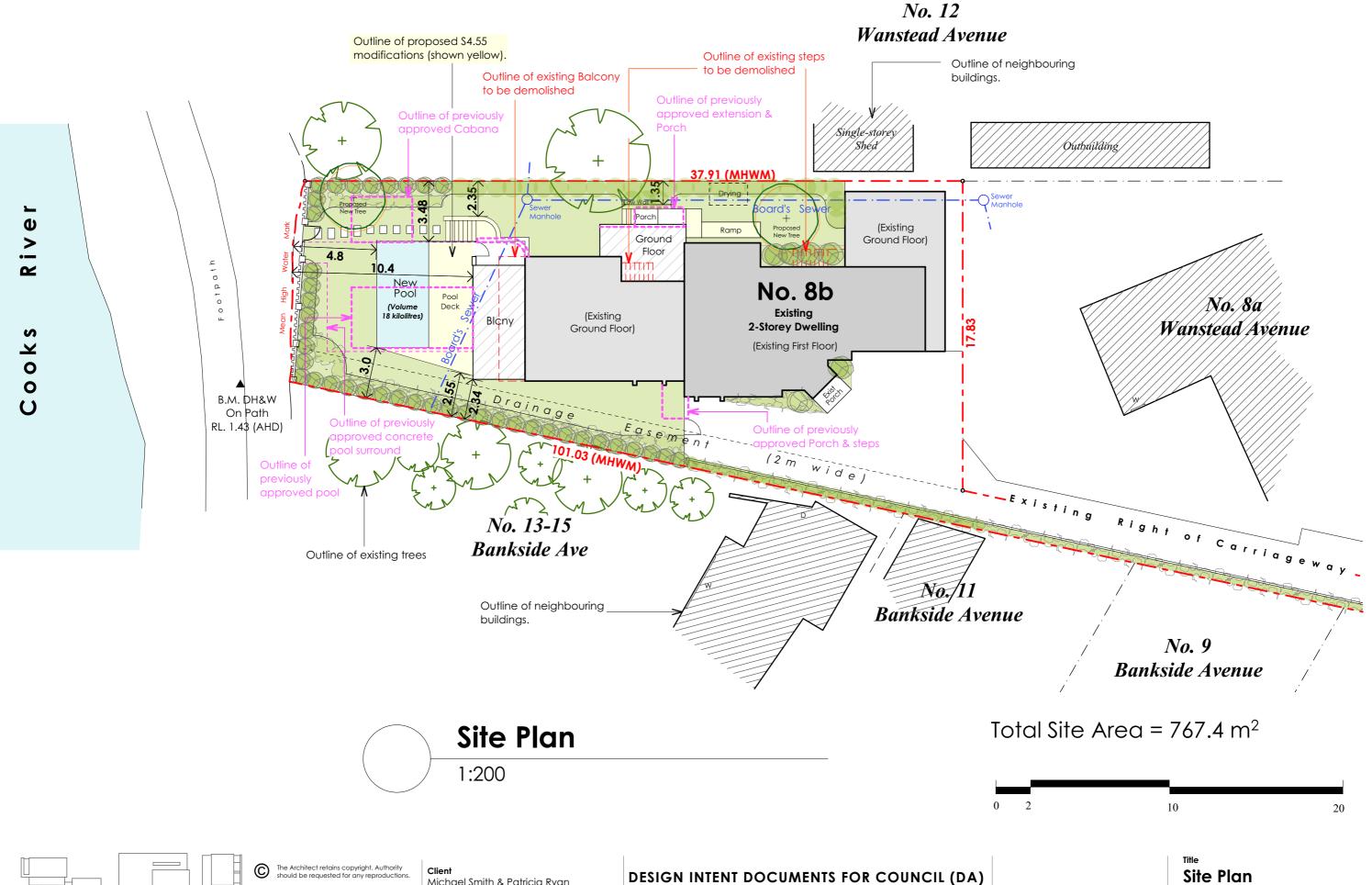
B \$4.55 (1a) Modification Mar' 25

 Date
 Job No.

 Jul '24
 J02-23

Dwg No. Revision A-01 B







Drawing Legend

	ag						
(Ex) \times	Existing ground/floor level	FCE	Fibre cement eaves lining	MSS	Metal slatted screening	Sp	Spitter pipe
-	Proposed ground/floor level	FCL	Fibre cement lining	MWC	Metal wall cladding	SP	Set plaster
AC	Air-conditioning units	Fp	Fireplace	OFC	Off-form concrete	SS	Structural steel
AL	Alignment levels to Council's requirements	FP	Facade panelling	OMF	Open metal fencing	St	Sandstone facing
AR	Acrylic render	Fr	Refrigerator	Pan	Panelled ceiling suspended	Ste	Steps in reinforced concrete
AW	Aluminium window and door units	FrP	Framed parapet construction	Pav	Paving	STC	Steel trowelled concrete
BF	Block fencing	FRW	Fire rated window	Pb	Plasterboard lining	StD	Strip drain
BiS	Box in services	FT	Floor tiling	PbC	Plasterboard ceiling	Sub	Sub-soil drainage
Br	Brick up opening	FW	Floor waste	PbS	Plasterboard ceiling suspended	SuP	Suspended masonry parapets
BrW	Brick interior walls	GB	Glass balustrade	PCP	Precast concrete panels	TB	Timber-framed balustrade
BV	Brick veneer walls	GD	Garage door	PCS	Pigmented concrete surface	TC	Timber Ceiling in WRC
Cb	Cupboard	GHW	Gas hot water unit		with tooled jointing	TD	Treated timber decking
CBI	Concrete block walls	GL	Ground line	PF	Pool safety barriers	TEW	Timber-framed exterior walls
CBW	Cavity brick walls	GP	Gas point	Pit	Silt arrestor pit	TF	Timber fascia/barge boards
CD	Concrete driveway	GR	Glass roof	Plt	Concrete planters Polished timber flooring	TFC	Selected tiling over FC
CF	Colorbond fascia/barge boards	GRG	Glass roof with gutter	PT		TFF	Timber floor framing
CG	Colour-backed glass	GS	Glass shopfront	PW	Pump well	TG	Translucent glass
Ch	Chute	GT	Garden tap	QG	Quad guttering	TiP	Timber pitched roof construction
СН	Concrete hob	GW	Garden walls in masonry	ReC	Remove crossing	TiS	Timber skillion roof construction
Cpt	Carpetted floor finish	HG	Half-round guttering	RB	Roofing blanket	TiW	Timber-framed interior walls
Cr	Crossing for driveway	Hx	HardiTex cladding	RBF	Rendered brick fencing	TOW	Top of wall level
CR	Cement render	Ins	Insulation	RCC	Reinforced concrete construction	TP	Timber pergola
CRW	Concrete roof with	Let	Letterbox unit	RCF	Reinforced concrete floor	TS	Timber stair
	proprietary waterproofing	LG	Louvred glass windows	RCS	Concrete stair	TSS	Timber slatted screening
CS	Concrete soffit (off the form).	MaP	Masonry parapet walls	RD	Roller door	TW	Timber window and door units
CTS	Composite timber slats	Met	Metal framing exposed	RT	Roof tiling	Vb	Villaboard lining
Dp	Downpipe	MEW	Metal-framed exterior walls	RTE	Roof tiling extend	VJ	Form V-joint
Dr	Drain point	MF	Masonry fencing	RW	Retaining walls	Wb	Weatherboard cladding
EA	Exposed aggregate concrete	MFB	Metal-framed balustrade	RwH	Rainwater head	WFC	Wood floated concrete finish
Exc	Excavation and shoring	MFR	Masonry fencing rendered	RWI	Rainwater tank	Wp	Waterproof membrane
ExM	Exposed metal roof framing	MIW	Metal-framed interior walls	SC	Steel channel exposed	Wr	Wardrobe cupboard
FB	Face brickwork	ML	Metal louvres	SD	Smoke detector	WSP	White set plaster surface finish
FBI	Face blockwork	MR	Metal roofing	SF	Selected floor finish	WT	Wall Tiling
FC	Fibre cement lining cladding	MRC	Metal roof construction	Sh	Shaft for services		
	with Paint finish.	MS	Metal Sunscreen	Sk	Skylights		
	T-1						



FCC Fibre cement ceiling

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ClientMichael Smith & Patricia Ryan

DESIGN INTENT DOCUMENTS FOR COUNCIL (DA)

Drawing Legend

ABN: 23991812162
34/60-66 Village Drive
BREAKFAST POINT NSW 2137
t: 0409 989 669
em: info@studio3dq.com.au
web: studio3dq.com.au
architect: Sandy Martikas (Registration No: 9783)

John Romanous & Assoc (Stormwater)
Building & Energy Consultants (BASIX)
Zenith Landscape Designs (Landscaping)
Consulting Earth Scientists
(Acid Sulfate Soils)

Proposed New swimming pool & Alterations and Additions to an existing dwelling at 8b Wanstead Avenue Earlwood

Rev. # Description

A Council requested amendments Oct' 24

B \$4.55 (1a) Modification Mar' 25

Date

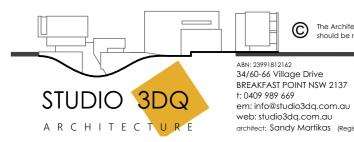
Jul '24

Job No. J02-23

> Dwg No. Revision A-04 B

BASIX Certificate number:A1760032_02					
Pool and Spa			Show on DA Plans	Show on CC/CDC Plans & specs	Certifier Check
Rainwater tank					
The applicant must install a rainwater tank o accordance with, the requirements of all app	of at least 2275 litres on the site. This rainwate plicable regulatory authorities.	er tank must meet, and be installed in	~	~	_
The applicant must configure the rainwater t	ank to collect rainwater runoff from at least 50) square metres of roof area.		~	~
The applicant must connect the rainwater ta	nk to a tap located within 10 metres of the ed	ge of the pool.		~	_
Outdoor swimming pool				<u>'</u>	
The swimming pool must be outdoors.					
The swimming pool must not have a capacit	y greater than 18 kilolitres.		_		_
The applicant must install a pool pump timer	r for the swimming pool.				_
The applicant must not incorporate any heat	ting system for the swimming pool that is part	of this development.			
Fixtures and systems			Show on DA Plans	Show on CC/CDC Plans & specs	Certifier Check
Lighting			DATIONS	Tiuns a speed	Officer
The applicant must ensure a minimum of 40 emitting-diode (LED) lamps.	% of new or altered light fixtures are fitted with	h fluorescent, compact fluorescent, or light-			
Fixtures					
	nowerheads have a flow rate no greater than s	9 litres per minute or a 3 star water rating.			
The applicant must ensure new or altered to rating.	ilets have a flow rate no greater than 4 litres p	per average flush or a minimum 3 star water		J	-
	ps have a flow rate no greater than 9 litres pe	er minute or minimum 3 star water rating.		<u> </u>	
Construction			Show on	Show on CC/CDC	Certifier
Insulation requirements			DA Plans	Plans & specs	Check
The applicant must construct the new or alte listed in the table below, except that a) addi	ered construction (floor(s), walls, and ceilings/ tional insulation is not required where the are of altered construction where insulation alrea	a of new construction is less than 2m2, b)	~	-	~
- Induation opposition to her required for parte	or another content and an another another and	o, o			
Construction	Additional insulation required (R-value)	Other specifications			
concrete slab on ground floor.	nil	N/A			
suspended floor with open subfloor: framed (R0.7).	R0.8 (down) (or R1.50 including construction)	N/A			
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)				
flat ceiling, pitched roof	ceiling: R1.95 (up), roof: foil backed blanket (55 mm)	medium (solar absorptance 0.475 - 0.70)			
Glazing requirements			Show on DA Plans	Show on CC/CDC Plans & specs	Certifier Check
Windows and glazed doors				_	
	ed doors and shading devices, in accordance ons must be satisfied for each window and gla		~	~	~
The following requirements must also be sat	tisfied in relation to each window and glazed of	door:		~	_
description, or, have a U-value and a Solar	aluminium or timber frames and single clear or Heat Gain Coefficient (SHGC) no greater that accordance with National Fenestration Ratin	n that listed in the table below. Total system		~	•
	frames or surelytic law a gloss or alcor/oir as	/	1	+	<u> </u>
	names, or pyroyuc low-e glass, or clear/ari ge n Coefficient (SHGC) no greater than that liste nce with National Fenestration Rating Council stems with complying U-value and SHGC ma	d in the table below. Total system U-values (NFRC) conditions. The description is		_	_

Glazing require							Show on DA Plans	Show on CC/CDC Plans & specs	Certifi Check
indows and gla	zed doors glaz	ing requirements							
Window/door number	Orientation	Area of glass including frame (m2)	Overshadowing height (m)	Overshadowing distance (m)	Shading device	Frame and glass type			
WG-01	S	1.13	0	0	projection/ height above sill ratio >=0.43	standard aluminium, single clear, (or U-value: 7.63, SHGC: 0.75)			
WG-12	NE	0.66	0	0	projection/ height above sill ratio >=0.43	standard aluminium, single clear, (or U-value: 7.63, SHGC: 0.75)			
WG-06	NE	0.66	0	0	projection/ height above sill ratio >=0.43	standard aluminium, single pyrolytic low-e, (U- value: 5.7, SHGC: 0.47)			
DG-03	NE	1.91	0	0	projection/ height above sill ratio >=0.43	standard aluminium, single clear, (or U-value: 7.63, SHGC: 0.75)			
WG-07	NE	2.25	0	0	projection/ height above sill ratio >=0.29	standard aluminium, single pyrolytic low-e, (U- value: 5.7, SHGC: 0.47)			
WG-09	NE	0.93	0	0	projection/ height above sill ratio >=0.43	standard aluminium, single clear, (or U-value: 7.63, SHGC: 0.75)			
WF-03	NW	0.54	0	0	projection/ height above sill ratio >=0.43	standard aluminium, single clear, (or U-value: 7.63, SHGC: 0.75)			
WF-04	NW	2	0	0	projection/ height above sill ratio >=0.36	standard aluminium, single pyrolytic low-e, (U- value: 5.7, SHGC: 0.47)			
WF-05	NE	1.1	0	0	projection/ height above sill ratio >=0.43	standard aluminium, single clear, (or U-value: 7.63, SHGC: 0.75)			
WF-08	NE	1.1	0	0	projection/ height above sill ratio >=0.43	standard aluminium, single clear, (or U-value: 7.63, SHGC: 0.75)			
Blazing require	ements						Show on DA Plans	Show on CC/CDC Plans & specs	Certi
kylights									
he applicant must	t install the skyli	ghts in accordance with	h the specifications I	isted in the table be	low.		•	~	
he following requi	irements must a	lso be satisfied in relati	ion to each skylight:					~	•
ach skylight may isted in the table b		e description, or, have a	a U-value and a Sola	ar Heat Gain Coeffic	cient (SHGC) no g	reater than that		~	
kylights glazing	requirements								
Skylight numbe	er	Area of glazing inc. (m2)	frame Shadin	g device	Frame and	i glass type			
STAIRS		0.8	no sha	ding		moulded plastic r, (or U-value:			



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Client Michael Smith & Patricia Ryan

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BASIX Notes

ABN: 23991812162 34/60-66 Village Drive BREAKFAST POINT NSW 2137 t: 0409 989 669

John Romanous & Assoc (Stormwater) Building & Energy Consultants (BASIX) Zenith Landscape Designs (Landscaping)
Consulting Earth Scientists
(Acid Sulfate Soils) architect: Sandy Martikas (Registration No: 9783)

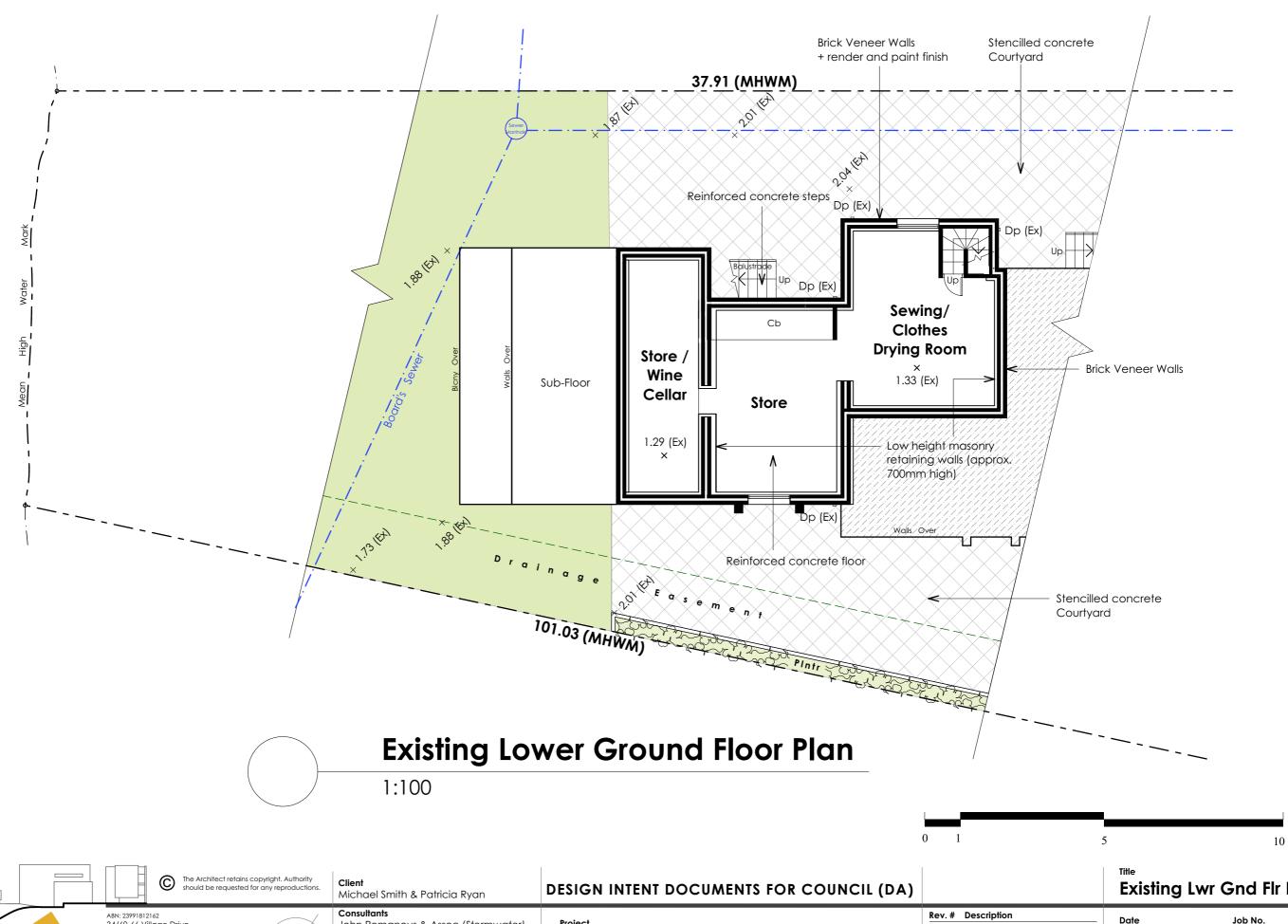
Proposed New swimming pool & Alterations and Additions to an existing dwelling at 8b Wanstead Avenue Earlwood

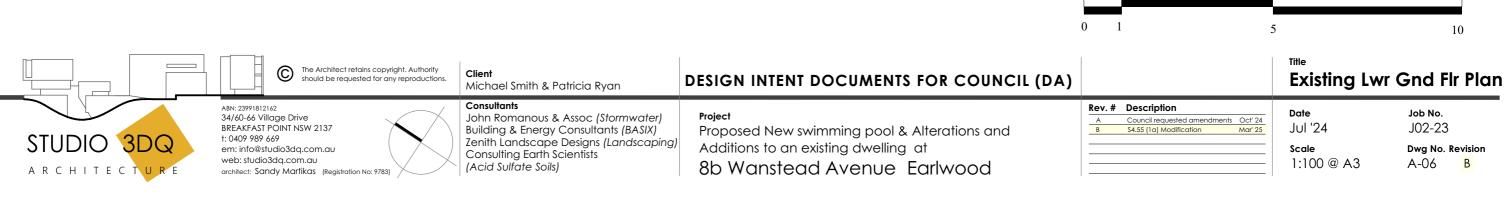
Rev. # Description Council requested amendments Oct' 24 \$4.55 (1a) Modification Mar' 25 Jul '24

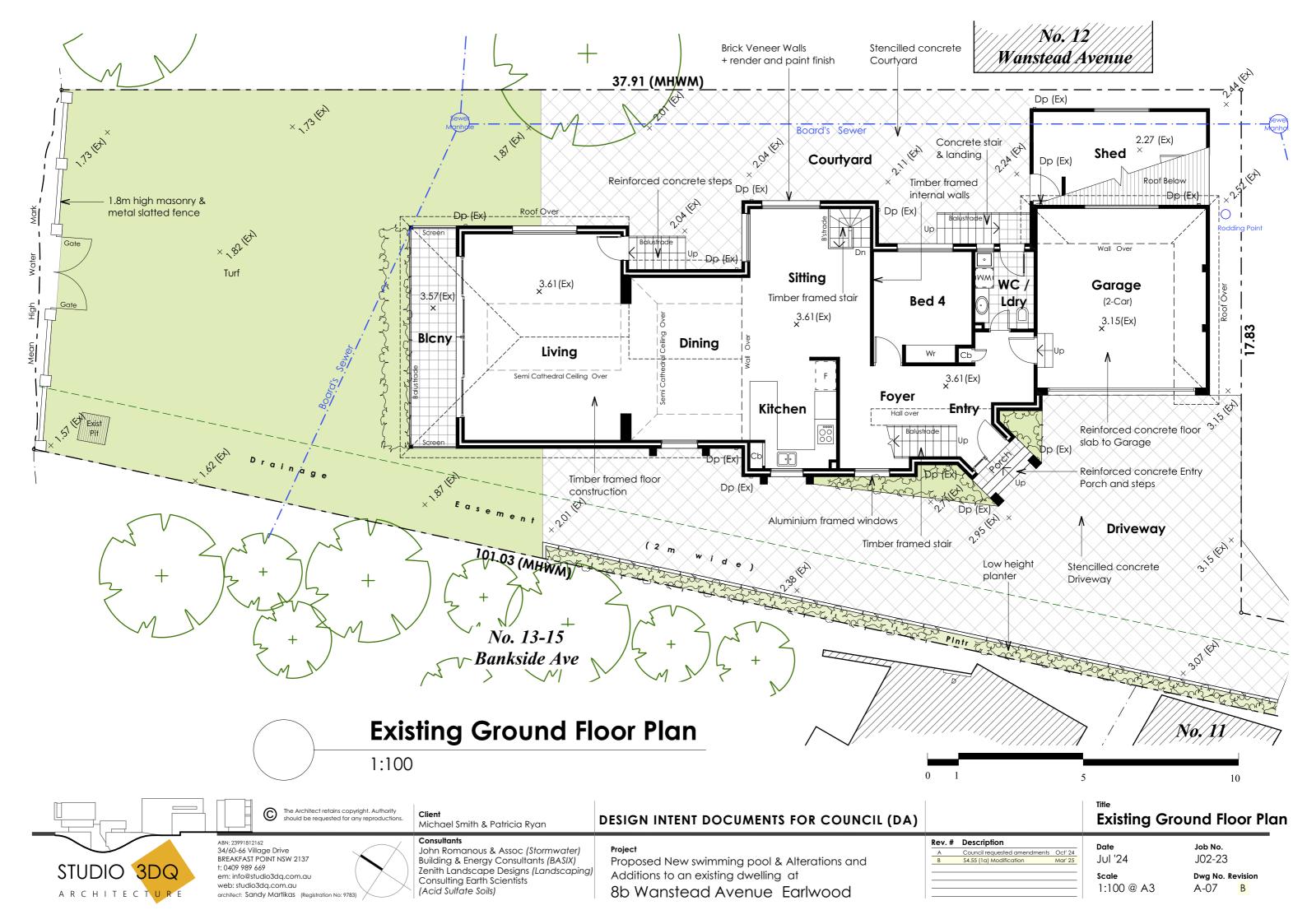
Date

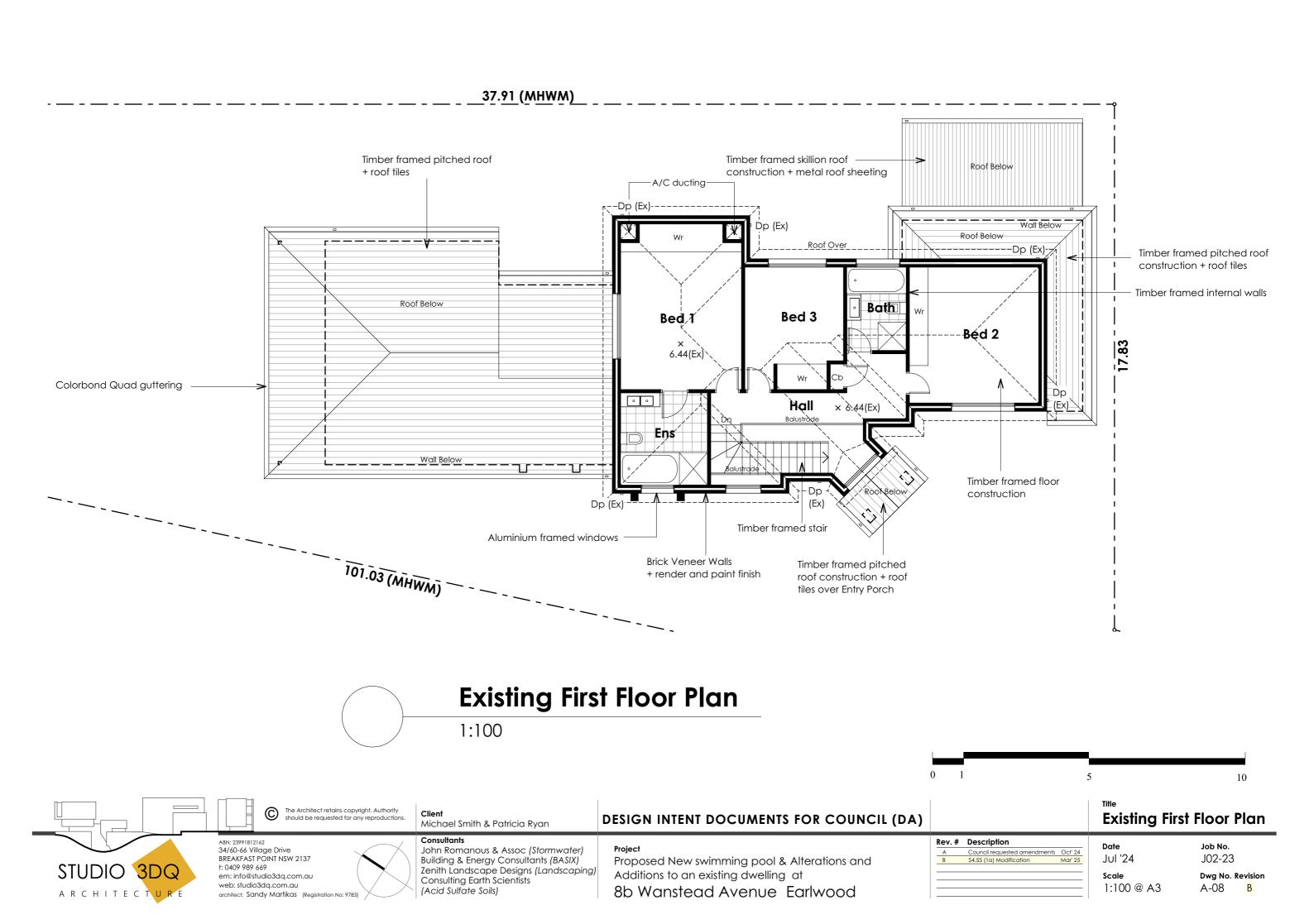
Job No. J02-23 Dwg No. Revision

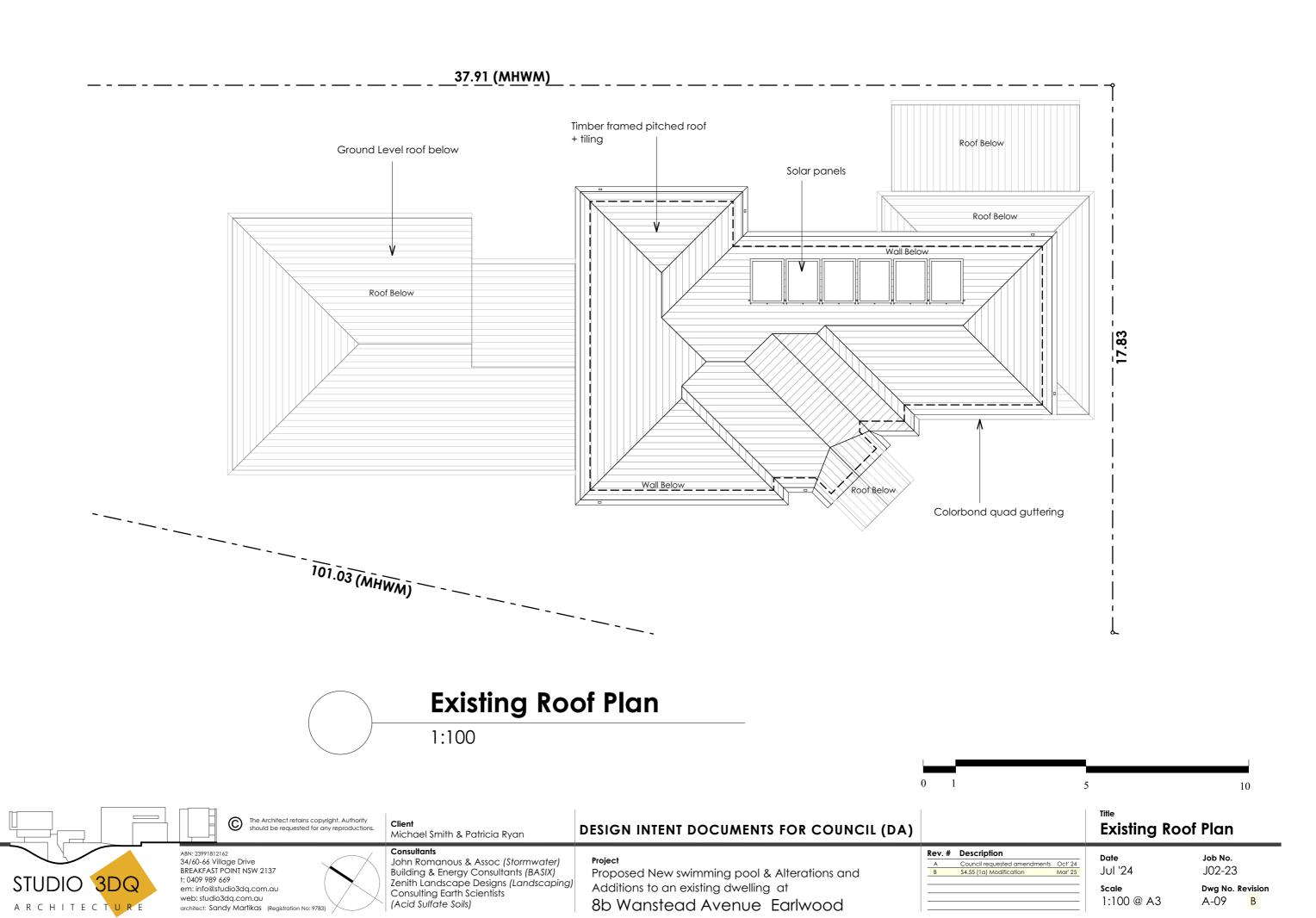
A-05 B



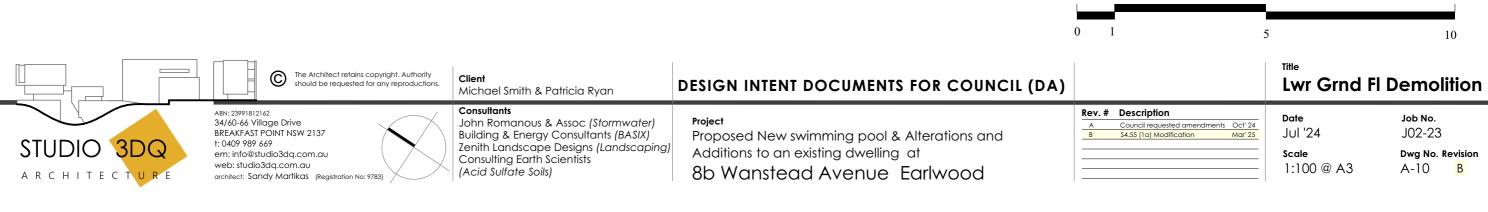


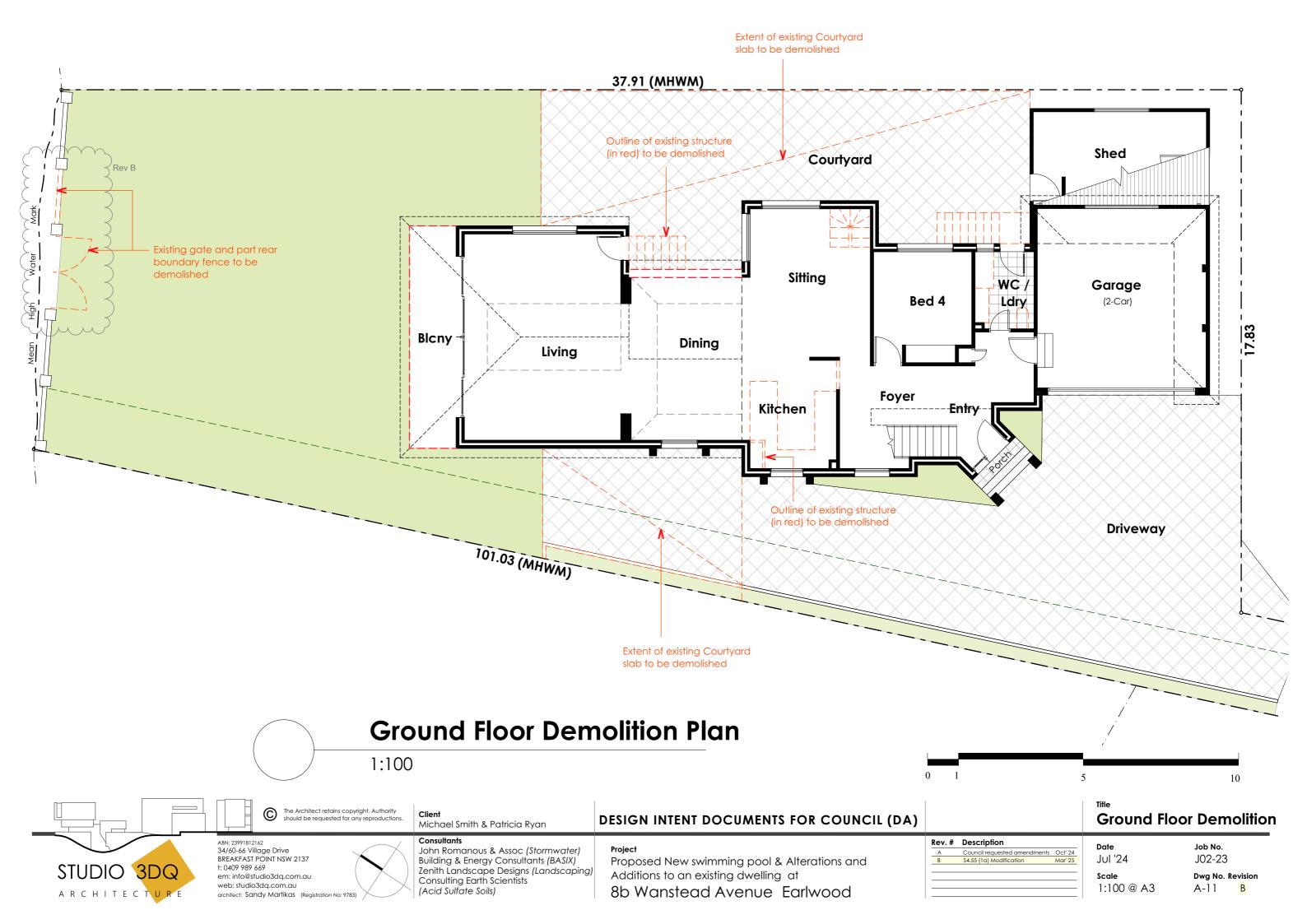


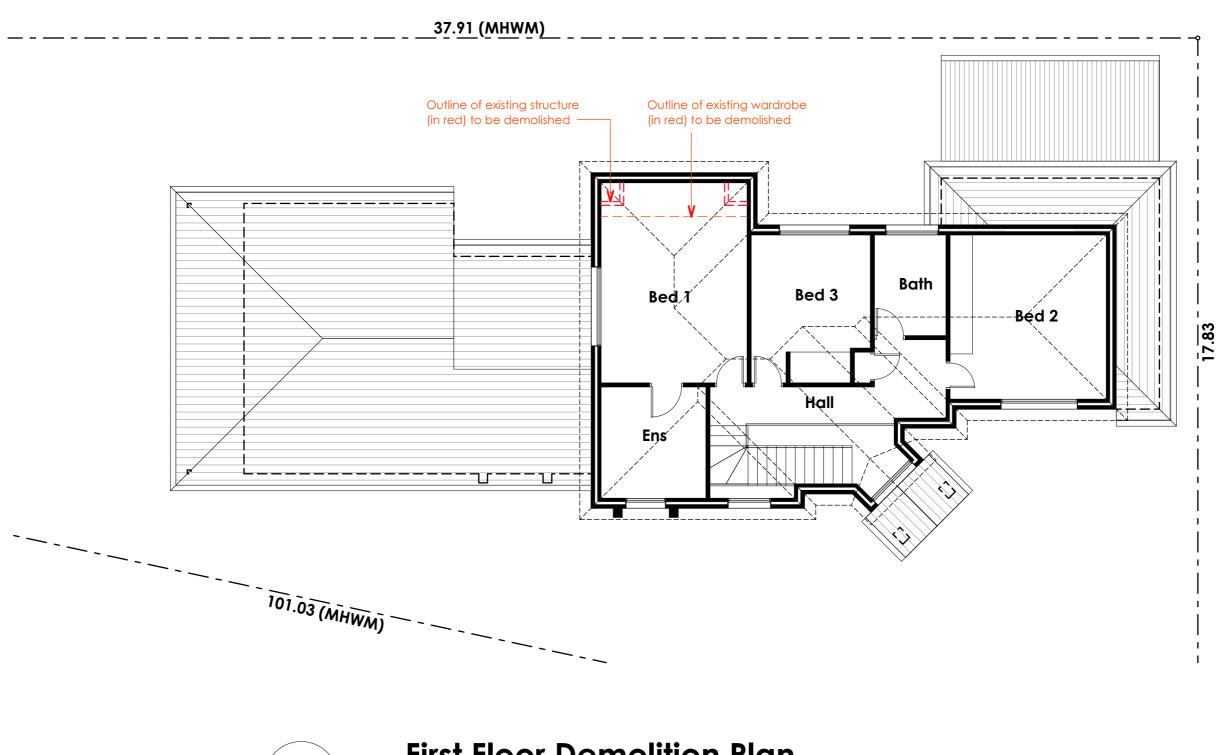








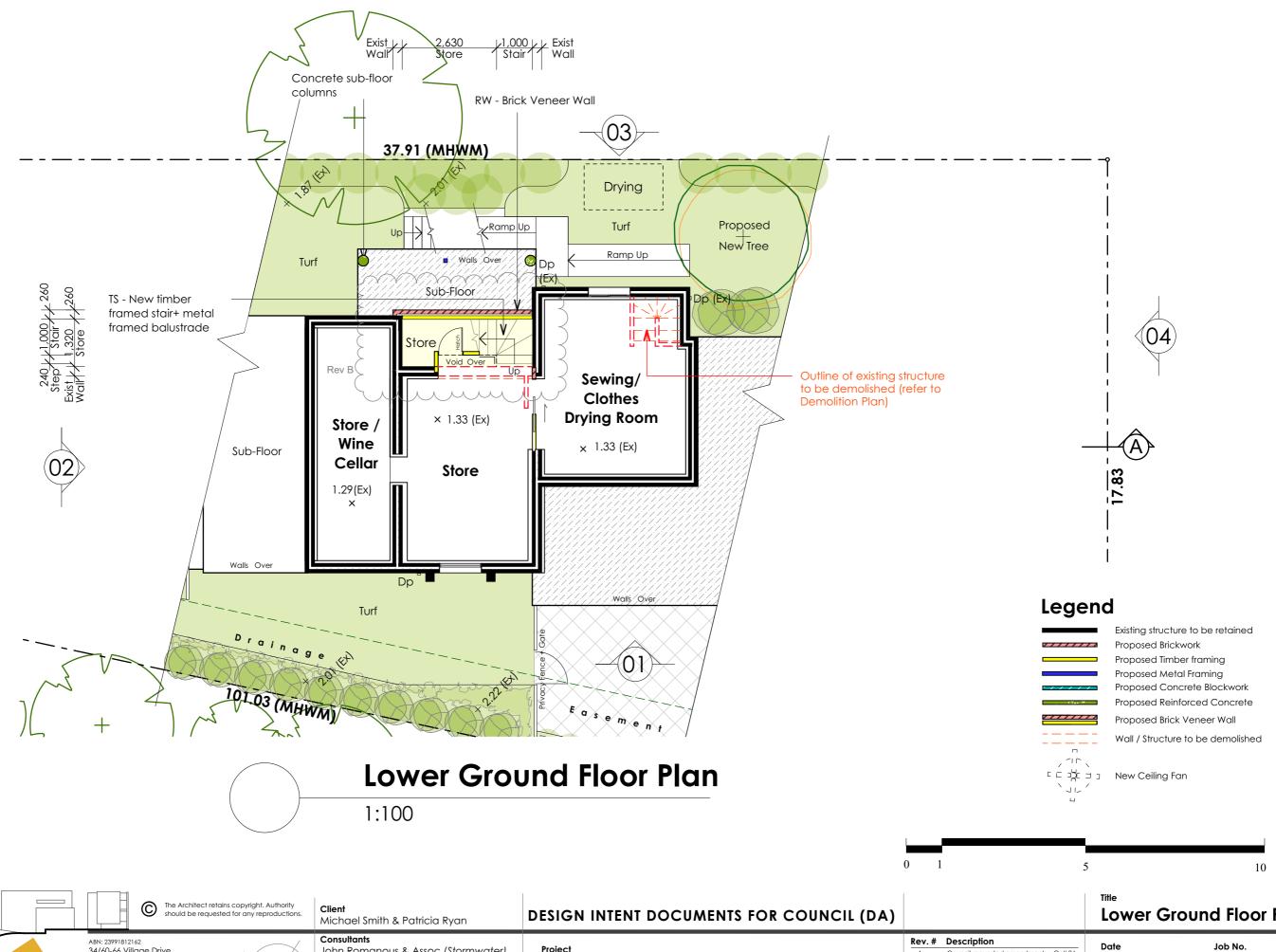




First Floor Demolition Plan

1:100

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	ABN: 23991812162 34/60-66 Village Drive BREAKFAST POINT NSW 2137	Consultants John Romanous & Assoc (Stormwater) Building & Energy Consultants (BASIX)	Project Proposed New swimming pool & Alterations and	Rev. # Description A Council requested amendments Oct 24 B \$4.55 (1g) Modification May 25	Date Jul '24	Job No. J02-23
STUDIO 3DQ ARCHITECTURE	t: 0409 989 669 em: info@studio3dq.com.au web: studio3dq.com.au architect: Sandy Martikas (Registration No: 9783)	Zenith Landscape Designs (Landscaping) Consulting Earth Scientists (Acid Sulfate Soils)	Additions to an existing dwelling at 8b Wanstead Avenue Earlwood		Scale 1:100 @ A3	Dwg No. Revision A-12 B





Lower Ground Floor Plan

John Romanous & Assoc (Stormwater) Building & Energy Consultants (BASIX) Proposed New swimming pool & Alterations and Zenith Landscape Designs (Landscaping) Additions to an existing dwelling at 8b Wanstead Avenue Earlwood

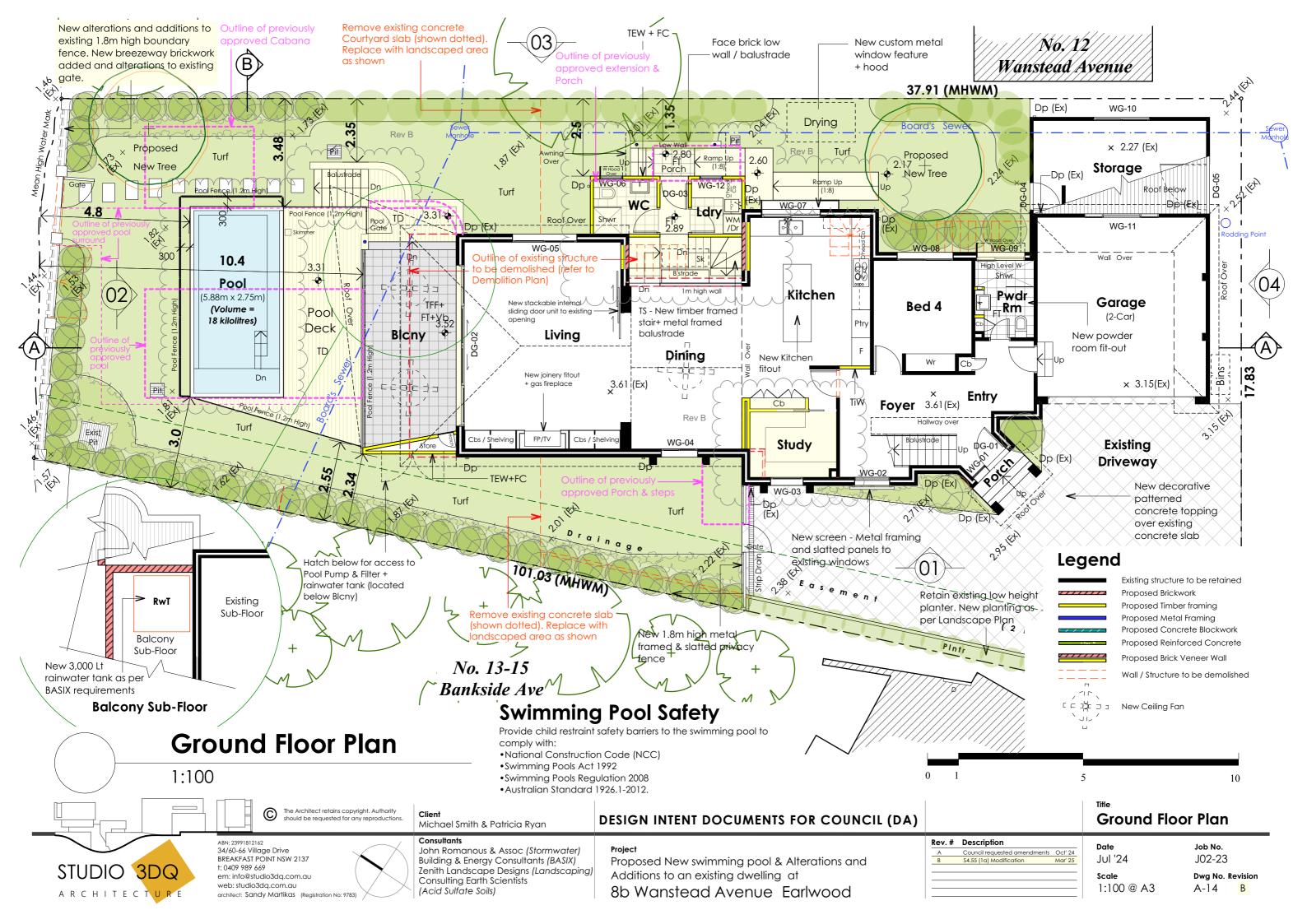
Consulting Earth Scientists

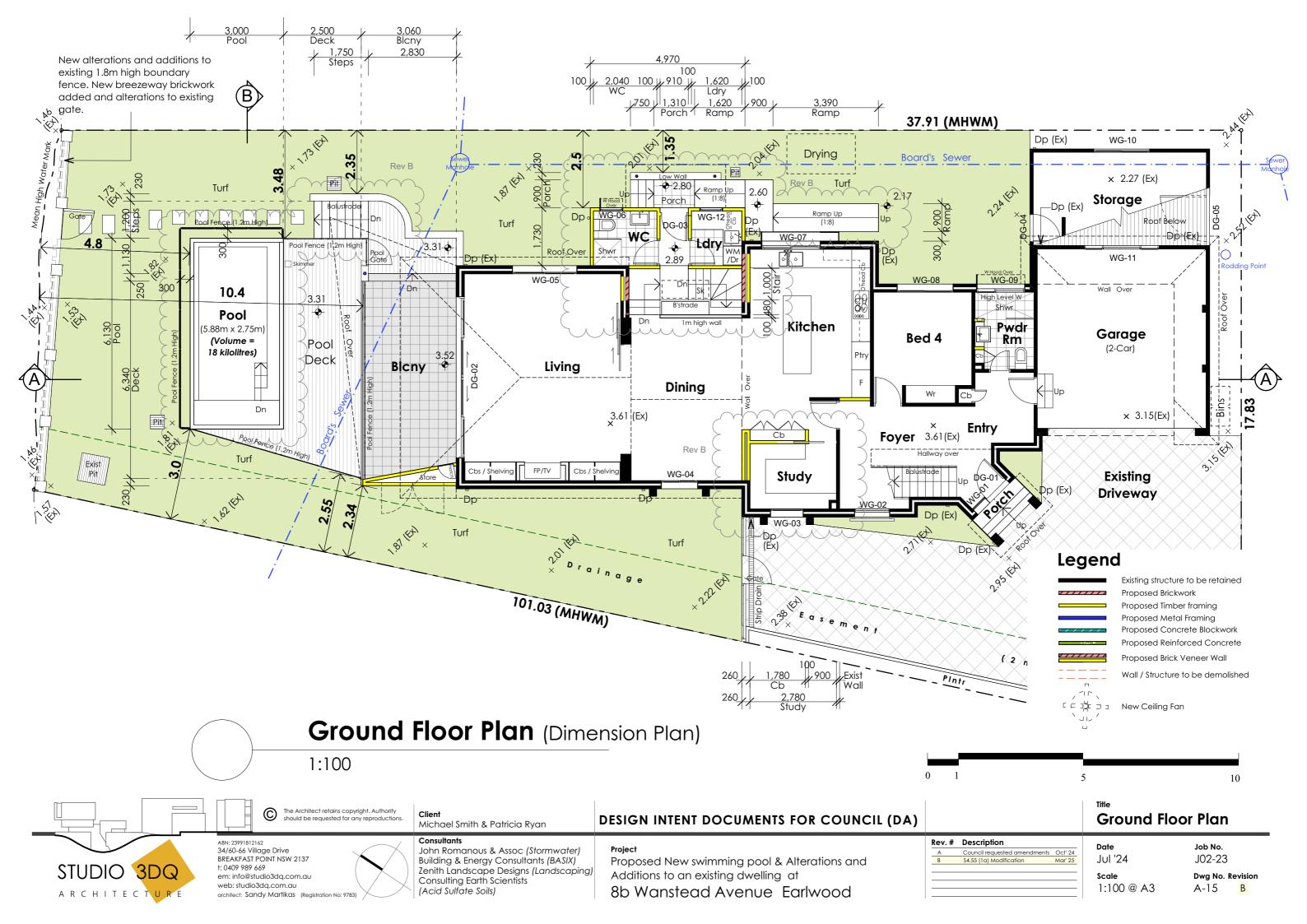
(Acid Sulfate Soils)

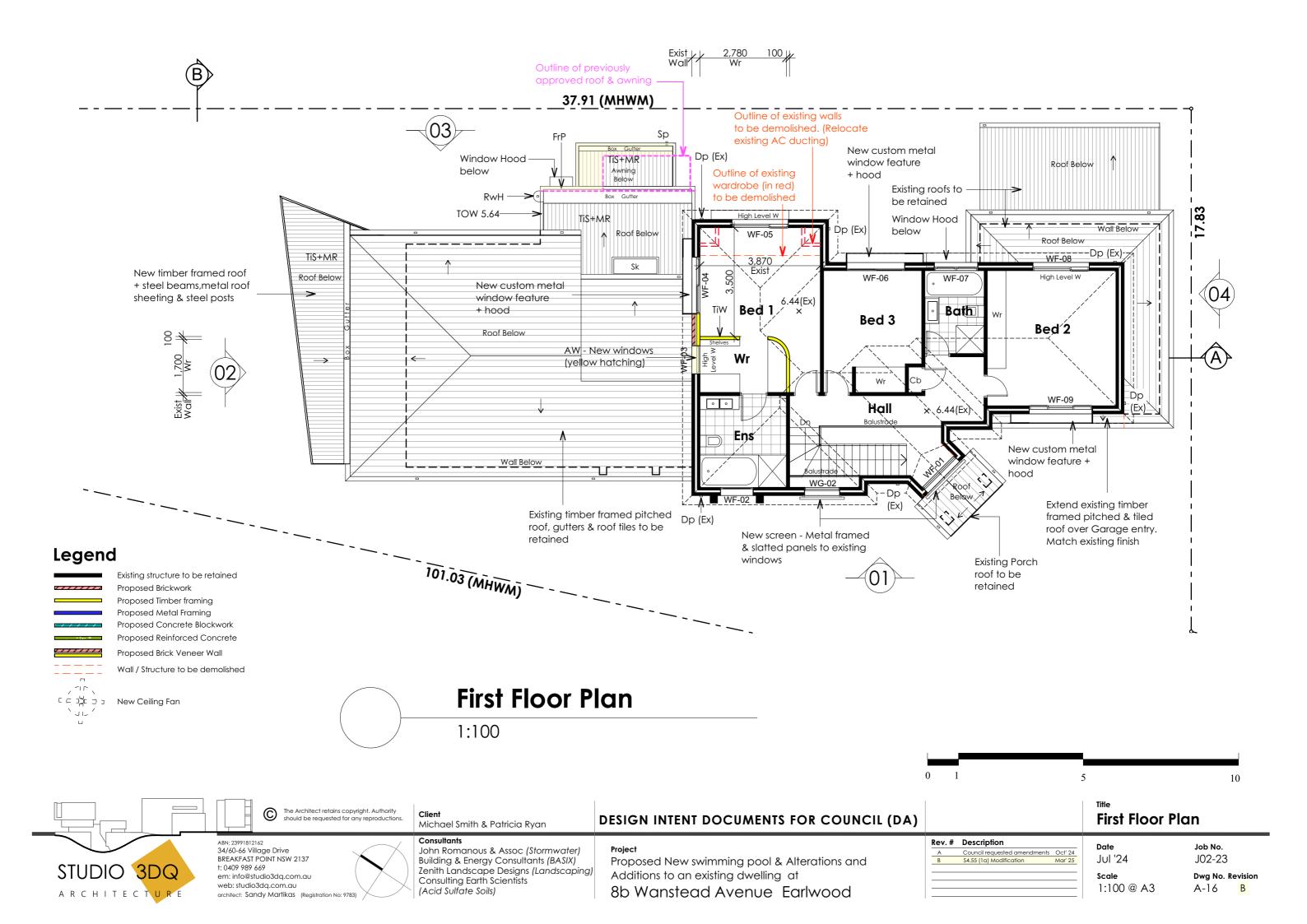
Kev. #	Description		Date
Α	Council requested amendments	Oct' 24	
В	\$4.55 (1a) Modification	Mar' 25	Jul '24
			Scale
			1:100 @ A3
			1.100 @ A3

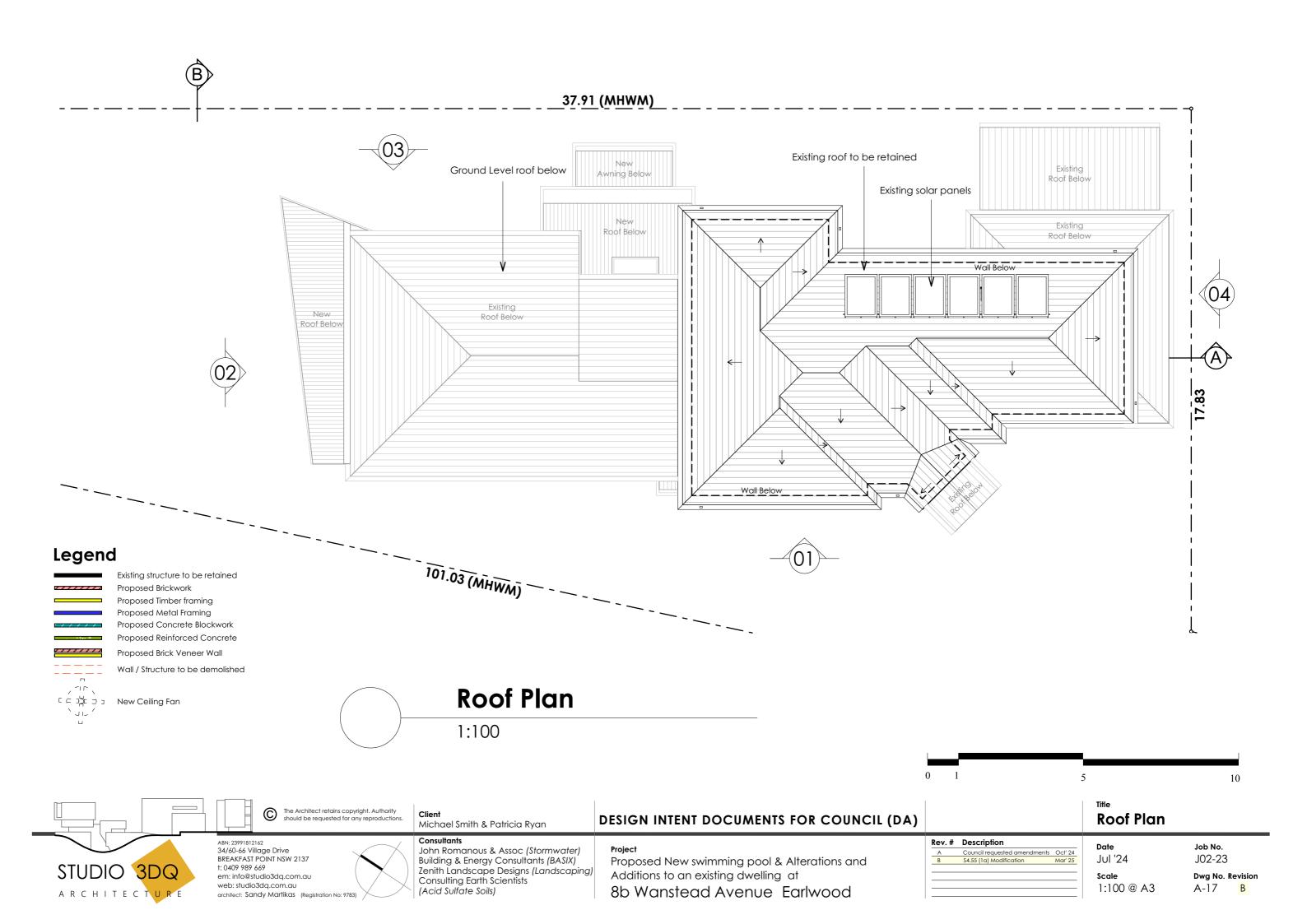
Date Jul '24 Scale

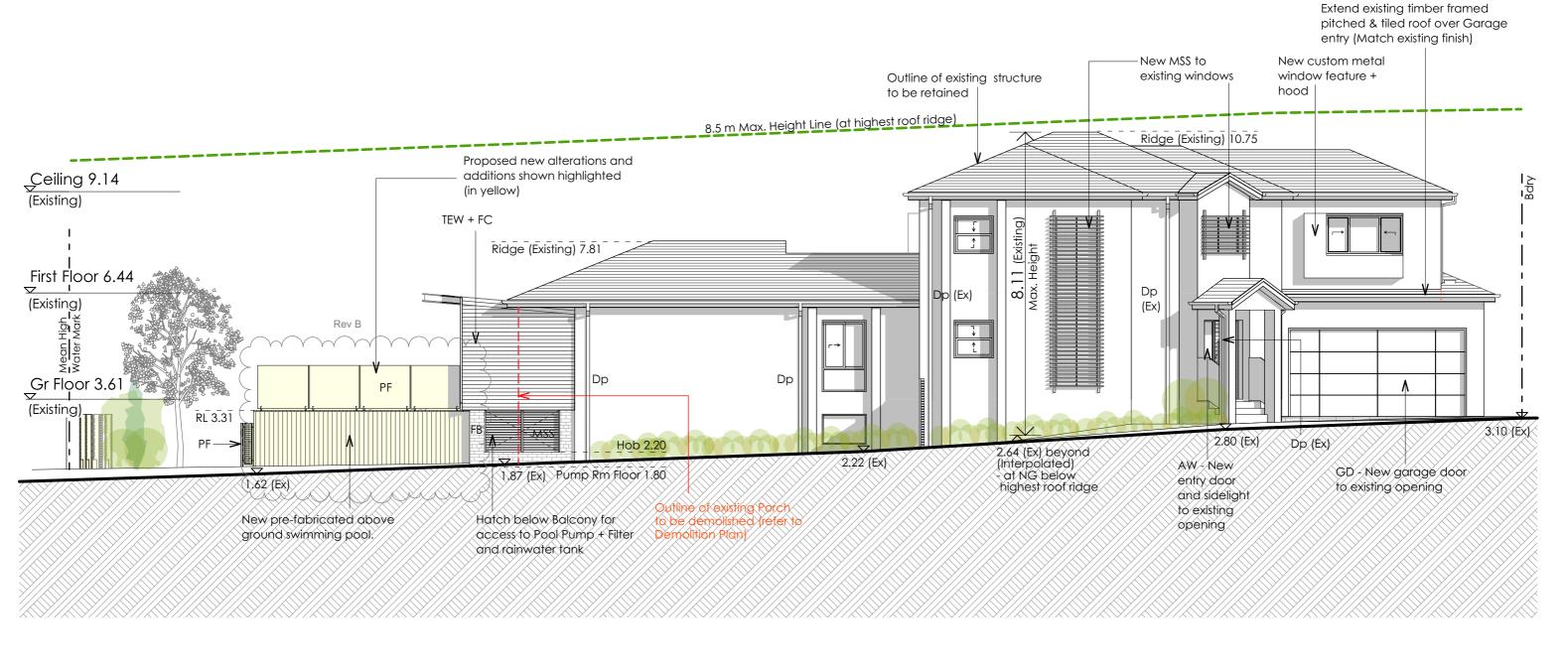
J02-23 Dwg No. Revision A-13











Swimming Pool Safety

Provide child restraint safety barriers to the swimming pool to comply with:

- •National Construction Code (NCC)
- •Swimming Pools Act 1992
- •Swimming Pools Regulation 2008
- Australian Standard 1926.1-2012.

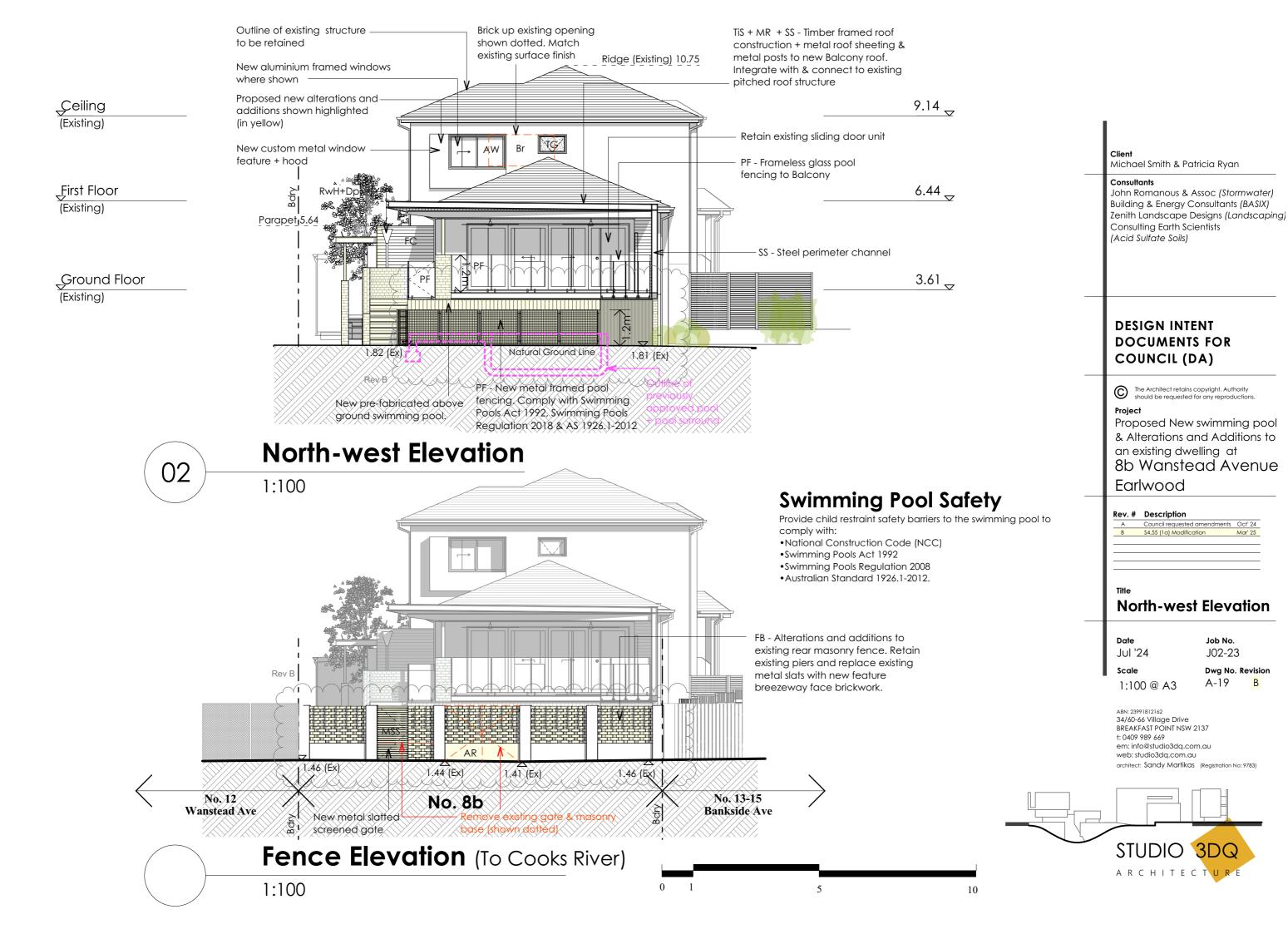


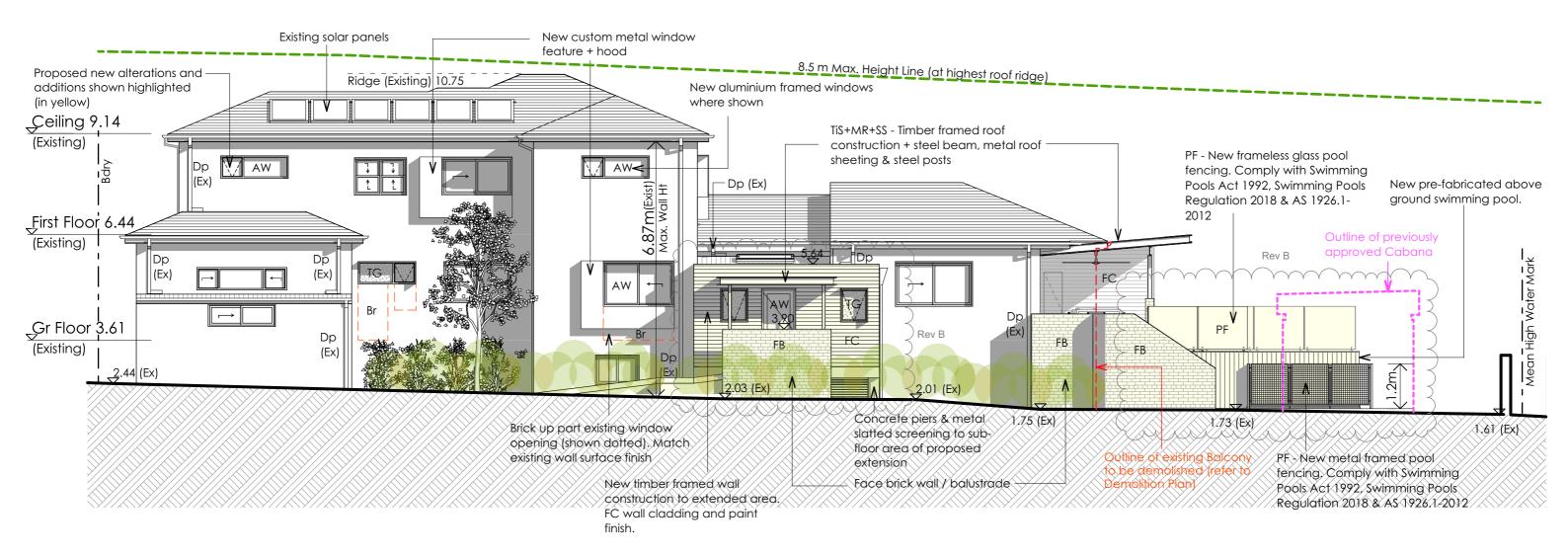
South-west Elevation

1:100









Swimming Pool Safety

Provide child restraint safety barriers to the swimming pool to comply with:

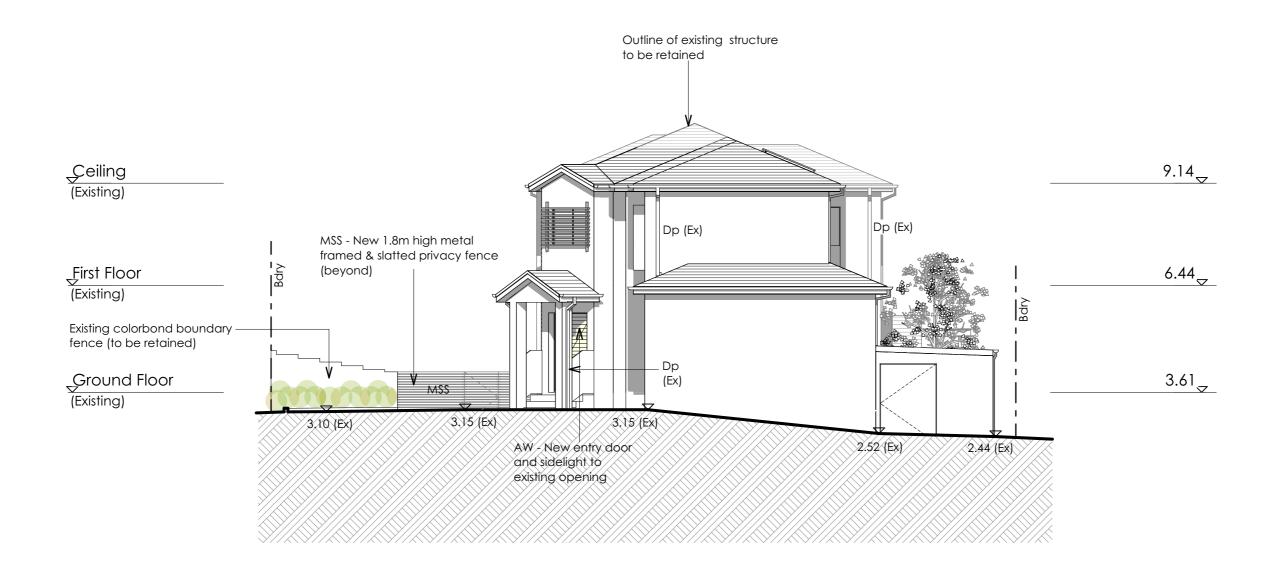
- National Construction Code (NCC)
- •Swimming Pools Act 1992
- •Swimming Pools Regulation 2008
- Australian Standard 1926.1-2012.

North-east Elevation

1:100









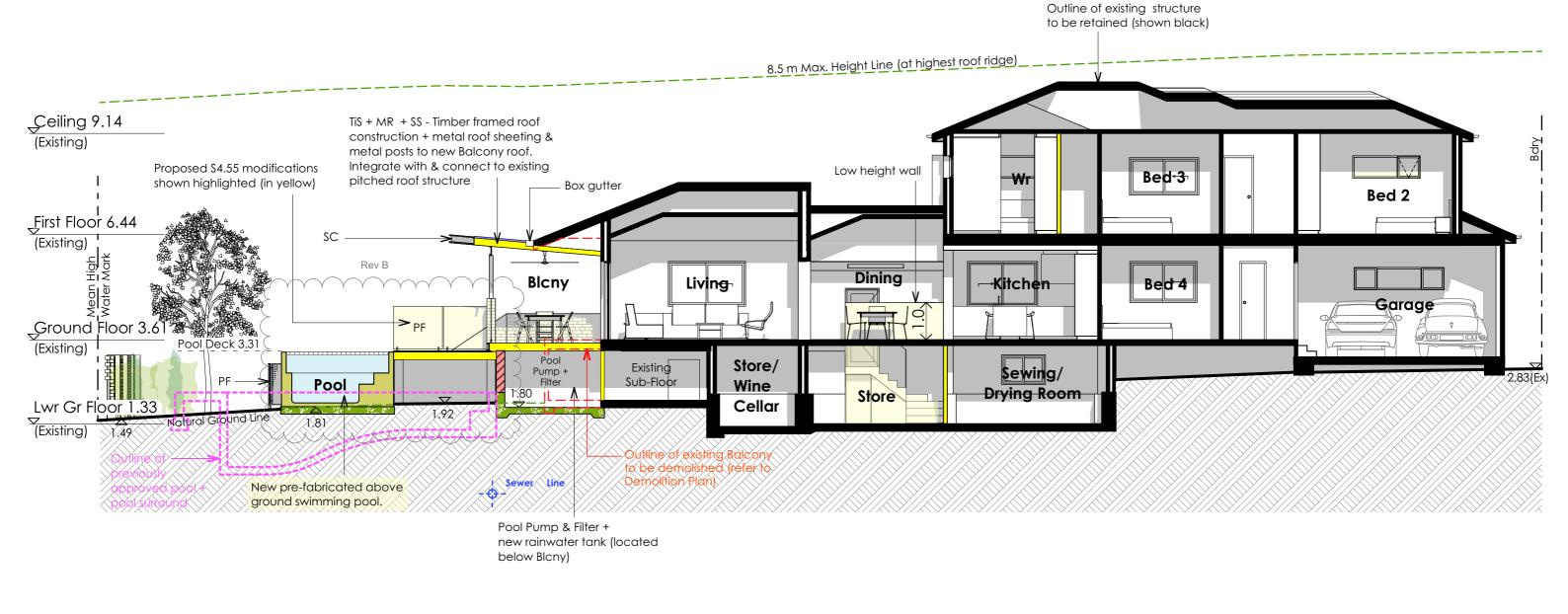


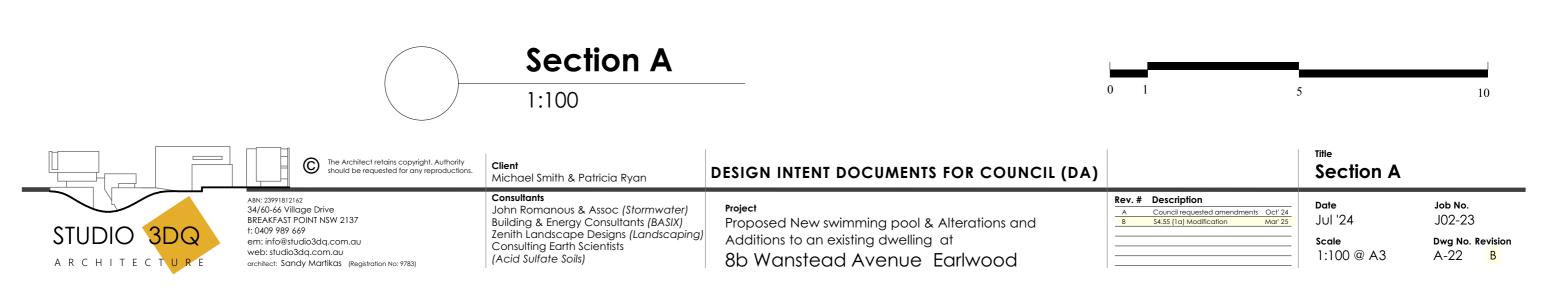


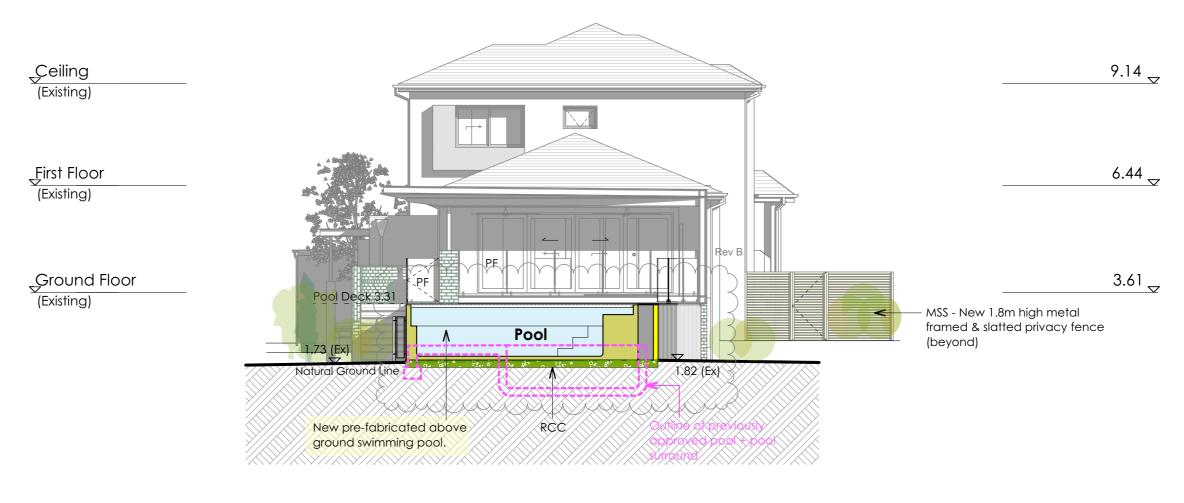
Swimming Pool Safety

Provide child restraint safety barriers to the swimming pool to comply with:

- National Construction Code (NCC)
- •Swimming Pools Act 1992
- •Swimming Pools Regulation 2008
- Australian Standard 1926.1-2012.







Section B

1:100

Swimming Pool Safety

Provide child restraint safety barriers to the swimming pool to comply with:

- National Construction Code (NCC)
- •Swimming Pools Act 1992
- •Swimming Pools Regulation 2008
- Australian Standard 1926.1-2012.





١)			Section B	
	Rev. #	Description	_ Date	Job No.
	A B	Council requested amendments Oct's \$4.55 (1a) Modification Mar's	4 1.1.10.4	J02-23
			Scale 1:100 @ A3	Dwg No. Revision A-23 B



North-east Elevation

MR Metal Roofing Corrugated metal roof sheeting in a selected profile

Light Grey colour

PF - <u>Paint Finish</u>

Applied to existing and proposed rendered walls

Mid grey brown colour or similar



AW - New Aluminium Windows + doors

Dark grey colour to match existing



PF- Pool Fencing Combination of metal framed mesh Metal Panel Lift Garage door fencing with powder coated finish \prec unit & frameless glass panels

Comply with Swimming Pools Act 1992, Swimming Pools Regulation 2018 & AS 1926.1-2012



GD - Garage Door

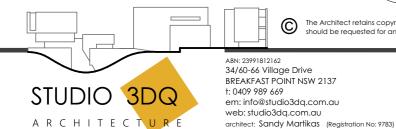


FB - Face Brickwork Smooth faced bricks. Feature/perforated patterns where shown

Off white colour or similar



Schedule of External Finishes



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ABN: 23991812162 34/60-66 Village Drive BREAKFAST POINT NSW 2137 t: 0409 989 669 em: info@studio3dq.com.au Client Michael Smith & Patricia Ryan

John Romanous & Assoc (Stormwater) Building & Energy Consultants (BASIX) Zenith Landscape Designs (Landscaping) Consulting Earth Scientists (Acid Sulfate Soils)

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ev. #	Description	
Α	Council requested amendments	Oct' 24
В	\$4.55 (1a) Modification	Mar' 25

FC - Fibre Cement Cladding

Fibre cement cladding in a

stud framing - Painted finish.

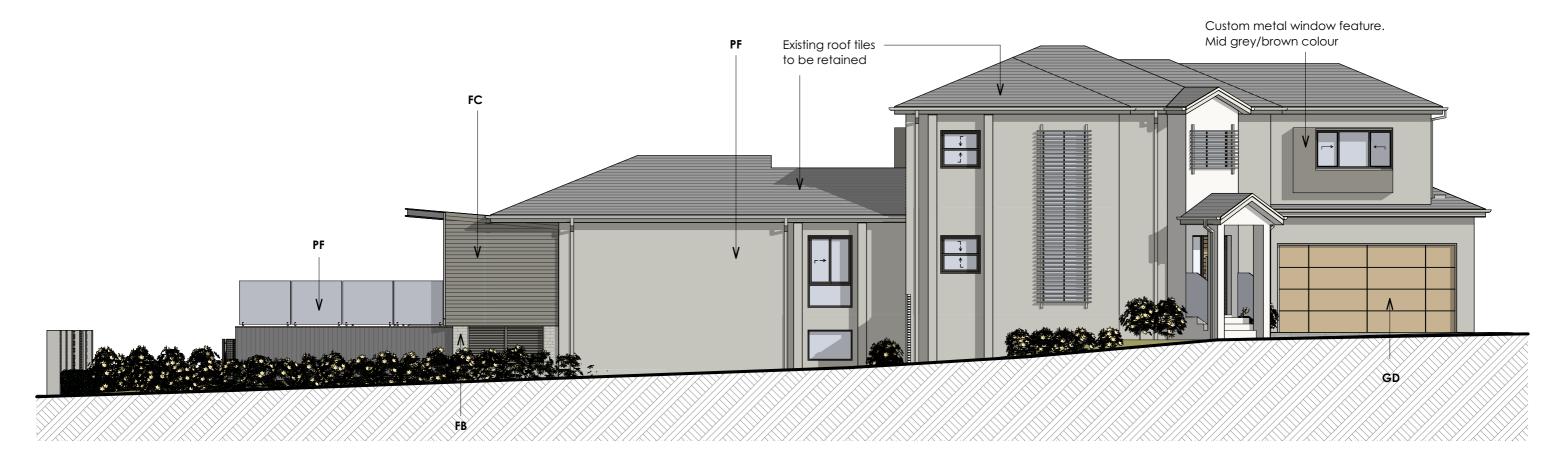
Dark brown/grey colour or

selected horizontal profile over

External Finishes

Job No. J02-23

Dwg No. Revision EF-01



South-west Elevation

MR Metal Roofing

Corrugated metal roof sheeting in a selected profile

Light Grey colour

proposed rendered walls

PF - <u>Paint Finish</u> Applied to existing and

Mid grey brown colour

or similar





AW - New Aluminium Windows + doors



PF- Pool Fencing GD - Garage Door Combination of metal framed mesh Metal Panel Lift Garage door fencing with powder coated finish <unit & frameless glass panels

Comply with Swimming

Pools Act 1992, Swimming Pools Regulation 2018 & AS 1926.1-2012



FC - Fibre Cement Cladding Fibre cement cladding in a selected horizontal profile over stud framing - Painted finish.

Dark brown/grey colour or similar

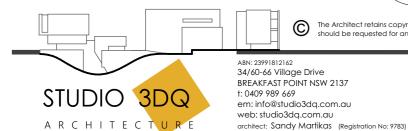


FB - Face Brickwork Smooth faced bricks. Feature/perforated patterns where shown

Off white colour or similar



Schedule of External Finishes



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Client Michael Smith & Patricia Ryan

Consulting Earth Scientists

(Acid Sulfate Soils)

John Romanous & Assoc (Stormwater)

Building & Energy Consultants (BASIX)

Zenith Landscape Designs (Landscaping)

DESIGN INTENT DOCUMENTS FOR COUNCIL (DA)

Proposed New swimming pool & Alterations and Additions to an existing dwelling at 8b Wanstead Avenue Earlwood

Rev. # Description Council requested amendments Oct' 24 \$4.55 (1a) Modification

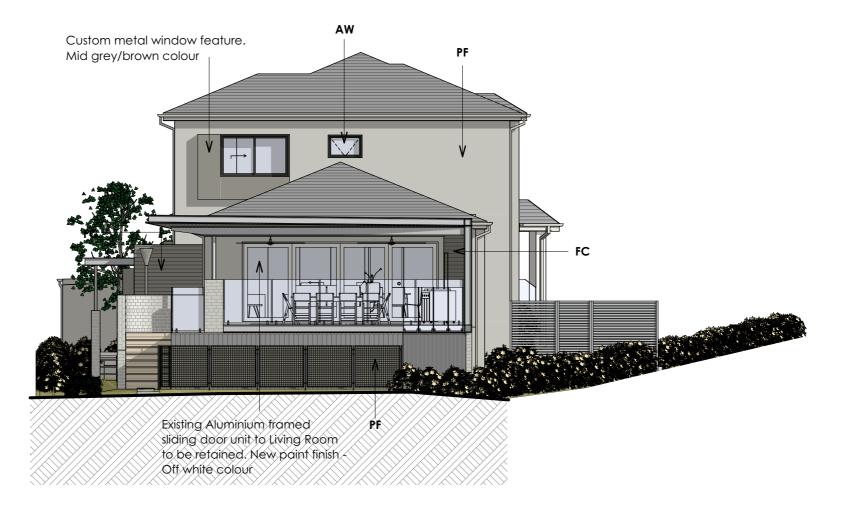
External Finishes

Date

Jul '24

Job No. J02-23

Dwg No. Revision EF-02



North-west Elevation

MR Metal Roofing

Corrugated metal roof sheeting in a selected profile

Light Grey colour



PF - <u>Paint Finish</u>

Applied to existing and proposed rendered

Mid grey brown colour or similar



AW - New Aluminium Windows + doors

Dark grey colour to match existing



PF- Pool Fencing



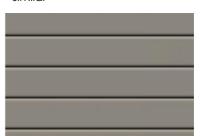
GD - <u>Garage Door</u> Combination of metal framed mesh Metal Panel Lift Garage door

fencing with powder coated finish



FC - Fibre Cement Cladding Fibre cement cladding in a selected horizontal profile over stud framing - Painted finish.

Dark brown/grey colour or



FB - <u>Face Brickwork</u> Smooth faced bricks. Feature/perforated patterns where shown

Off white colour or similar



Schedule of External Finishes



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DESIGN INTENT DOCUMENTS FOR COUNCIL (DA)

Rev. # Description Council requested amendments Oct' 24 \$4.55 (1a) Modification

External Finishes

Date

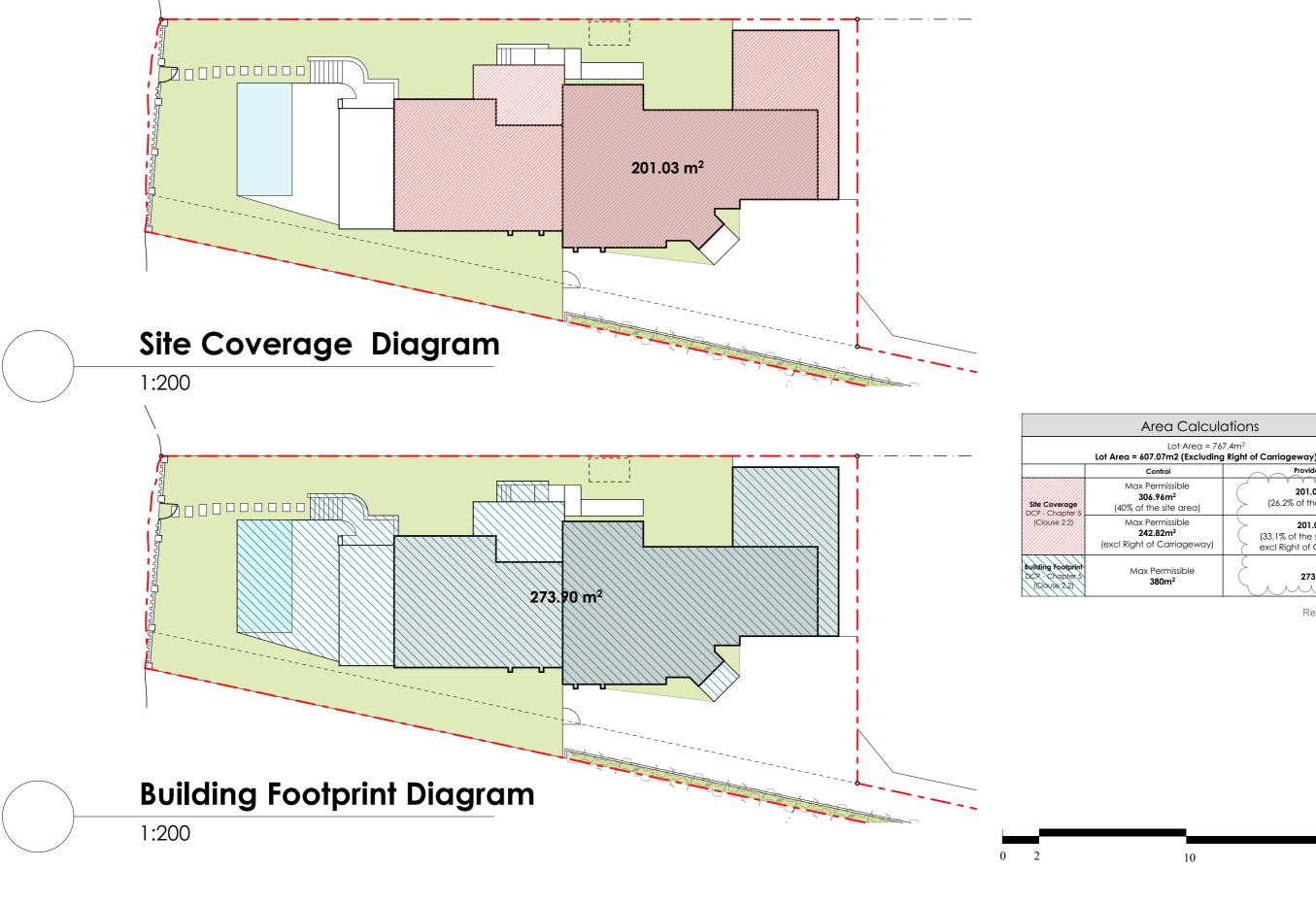
ABN: 23991812162 34/60-66 Village Drive BREAKFAST POINT NSW 2137 t: 0409 989 669 em: info@studio3dq.com.au web: studio3dq.com.au architect: Sandy Martikas (Registration No: 9783)

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Proposed New swimming pool & Alterations and Additions to an existing dwelling at 8b Wanstead Avenue Earlwood

Job No. J02-23 Jul '24

Dwg No. Revision EF-03



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ABN: 23991812162 34/60-66 Village Drive

t: 0409 989 669

STUDIO 3DQ

ARCHITECTUR

BREAKFAST POINT NSW 2137

em: info@studio3dq.com.au

architect: Sandy Martikas (Registration No: 9783)

web: studio3da.com.au

Client

Michael Smith & Patricia Ryan

Consulting Earth Scientists

(Acid Sulfate Soils)

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Zenith Landscape Designs (Landscaping)

Proposed New swimming pool & Alterations and

8b Wanstead Avenue Earlwood

Additions to an existing dwelling at

Area Calc Diagrams DESIGN INTENT DOCUMENTS FOR COUNCIL (DA) Rev. # Description Job No. J02-23 Jul '24 Scale Dwg No. Revision 1:200 @ A3 AC-01 B

201.03m²

(26.2% of the site area)

201.03m²

excl Right of Carriageway)

273.9m²

Rev B

(33.1% of the site area -

