

17 Dakara Drive, Frenchs Forest NSW 2086 Lot 10, DP 230246 - Alterations and Additions for Pat and Karen Doherty

Dulux Vivid White

Building Designers

Architectural Drawing Set # 191 Approval: DA2019/0030

Section 4.55: Application Amendment C

- cover page glazing schedule finishes schedule
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Section 4.55 # 1 -Approved Mod2020/0103

- Section 4.55 # 2 Modifications to Plans ground floor design modified
- ground floor design modified
- structural engineering modified
- garage retained
- some windows modified
- introduced void and ducting
- calculations revised
 - **BASIX** revised

External Colours Finishes and Materials Schedule

ITEM	MATERIAL PI	REFERENCES	COLOUR PREFERENCES
External Walls			_
Existing Brick	Render Ex. M	asonry	Dark Grey/ Dulux Vivid White e.g., Colorbond Shale Grey or Basalt
Standard Cladding	James Hardie	Axon Vertical Cladding 255mm	Night Sky/Monument
Door and Window Framing	Aluminium Fr	rame/90mm Architrave	Night Sky/ Monument
Awning Box / Heka Hood	Aluminium		Black, Silver or White
Roof	Colorbond Lysaght	Custom-Orb Sheeting or Kliplok	Night Sky/ Monument
	Colorbond	'Matt'	
	Snap Lock or	Standing Seam	
Downpipes	Colorbond M	etal	Monument/Windspray
Guttering and Fascia	Colorbond M	etal	Monument/Windspray
Balustrades	Safety Balust	rades/Metal or Glass	Night Sky/ Monument
Battens to Garage	Timber slat (p	painted)	Night Sky/Monument

Material and Colour Links/Specs Guide:

Feature Parapet

Colorbond Technical Specifications: https://professionals.lysaght.com/resources/manuals

Blueboard Clad and Render

James Hardie Scyon Axon Specifications: http://www.jameshardie.com.au/products/external-cladding/scyon-axon-cladding/ Colorbond Colours and Products: http://colorbond.com/colour

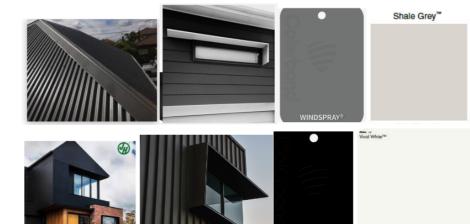
Dulux Colour Wall: https://www.dulux.com.au/colour/all-colours

Please contact supplier or manufacturer directly for confirmation on all specifications.

Glazing Schedule - (to be read in conjunction with BASIX)

builder to check sizes prior to order

ELEVATION Confirm Orientation	Win. Num. Tag	No. Total	Width	Height	Sill	Head AutoCalculates	Area m2 (BASIX) AutoCalculates
Main Residence	iug	Total				Hatocalculates	ratocalculates
north west							
	d1			2422		2400	2.400
stacker		1	2700	2400	0	2400	6.480
louvre	w1	2	800	2400	0	2400	3.840
south east							
custom	w2	1	custom	custom	custom	#VALUE!	1.890
louvre	w3	1	800	2100	900	3000	1.680
fixed splashback	w4	1	2130	800	900	1700	1.704
door	d2	1	900	2400	0	2400	2.160
north east							
double hung	w5	1	900	2700	0	2700	2.430
fixed sidelight	w6	1	700	2700	0	2700	1.890
pivot solid door	d3	1	1500	2700	0	2700	4.050
fixed	w7	1	3200	2700	0	2700	8.640
fixed	w8	1	1500	2100	900	3000	3.150
south west							
door + louvre	d4	3	1600	2100	0	2100	10.080
stacker	d5	1	5400	2100	0	2100	11.340
louvre	w9	2	900	1500	600	2100	2.700
skylights				Length			
openable	s1	4	600	1400	custom	#VALUE!	3.360
openable	s2	1	600	1200	custom	#VALUE!	0.720









Modern

Inspiration

Modern homes are contemporary in design. They're on trend now, and into the future, as external design trends move slowly. Home owners are resisting the dated, inefficient, brick-clad, hip-roof homes many builders have stuck with since the 1980s. Today's home buyers and renovators prefer the simple, calming, clean lines of a modern home and a light and airy open plan lifestyle it can bring.





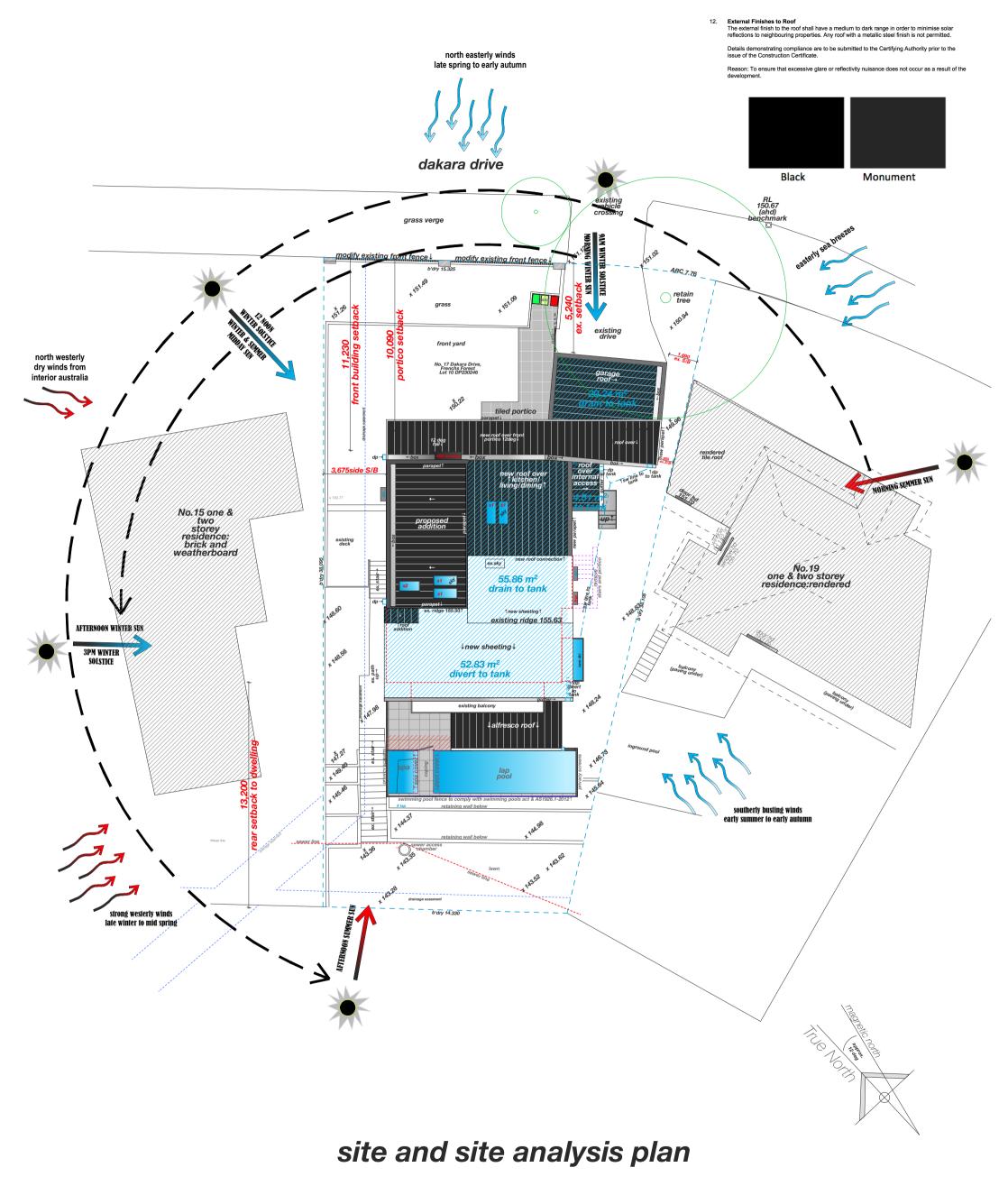


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NB: Colorbond and Klip Lok roof sheeting to be used in the development: Colour Monument or Night Sky





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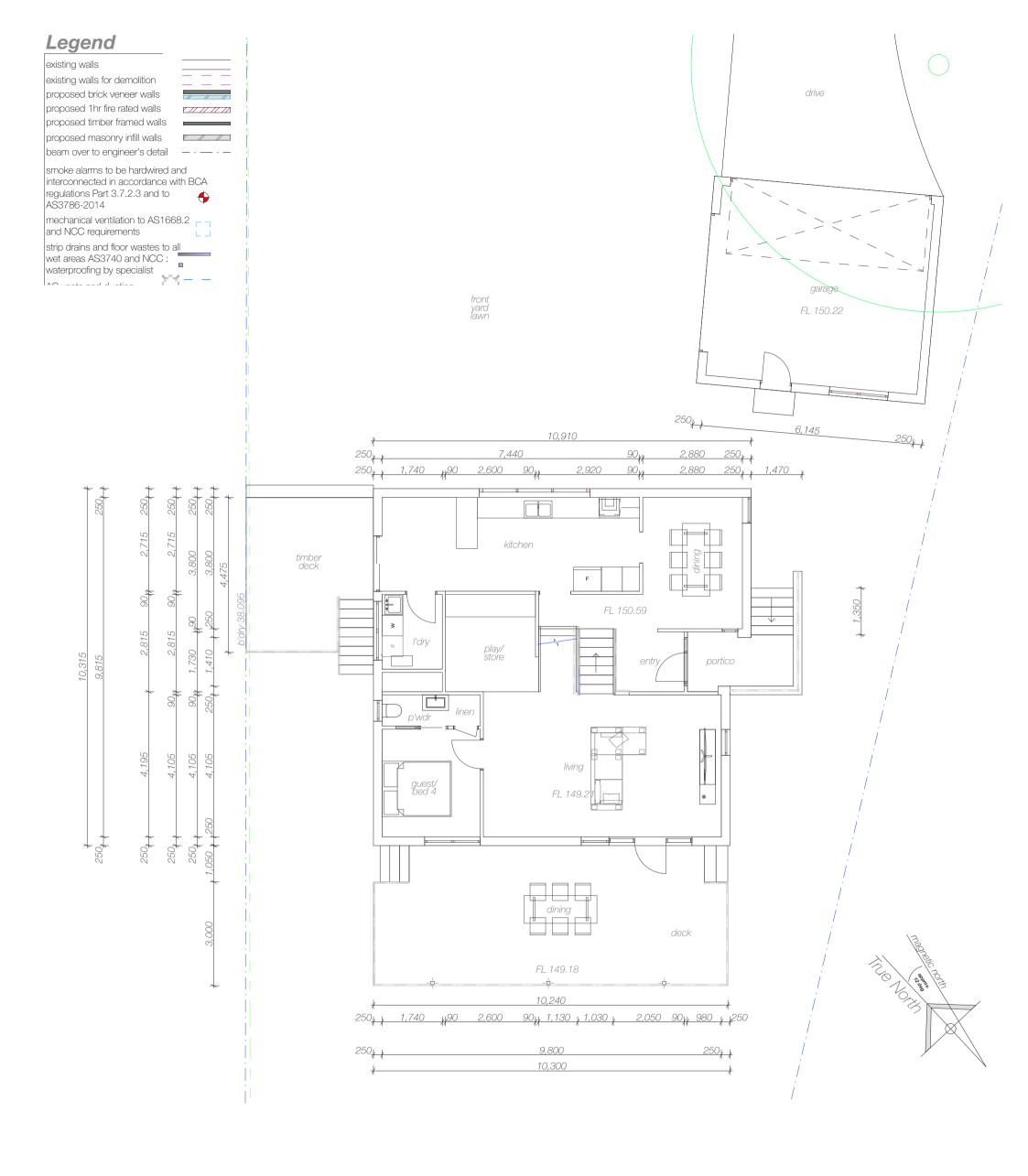
Studio Director - Daniel Sutton Contact: 0416 110 281

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existing ground floor plan



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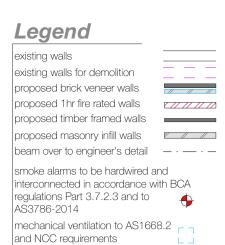
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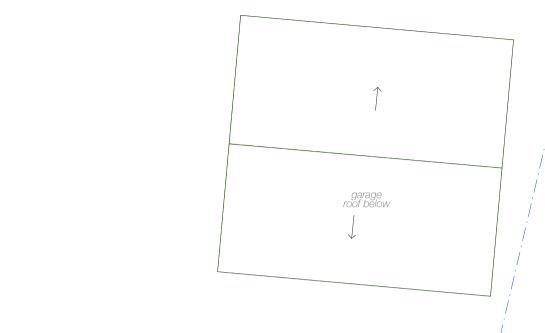
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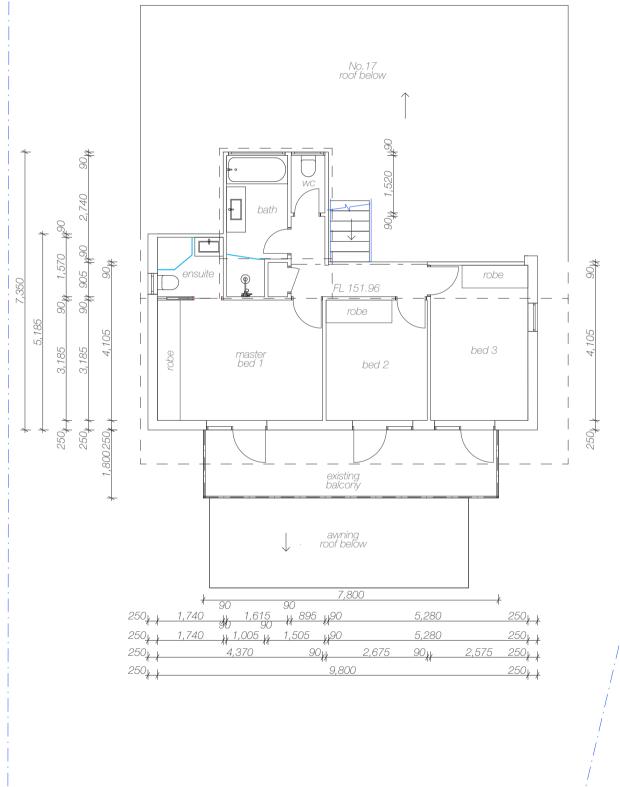
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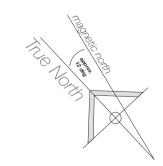
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strip drains and floor wastes to all wet areas AS3740 and NCC: waterproofing by specialist AC vents and ducting







existing first floor plan



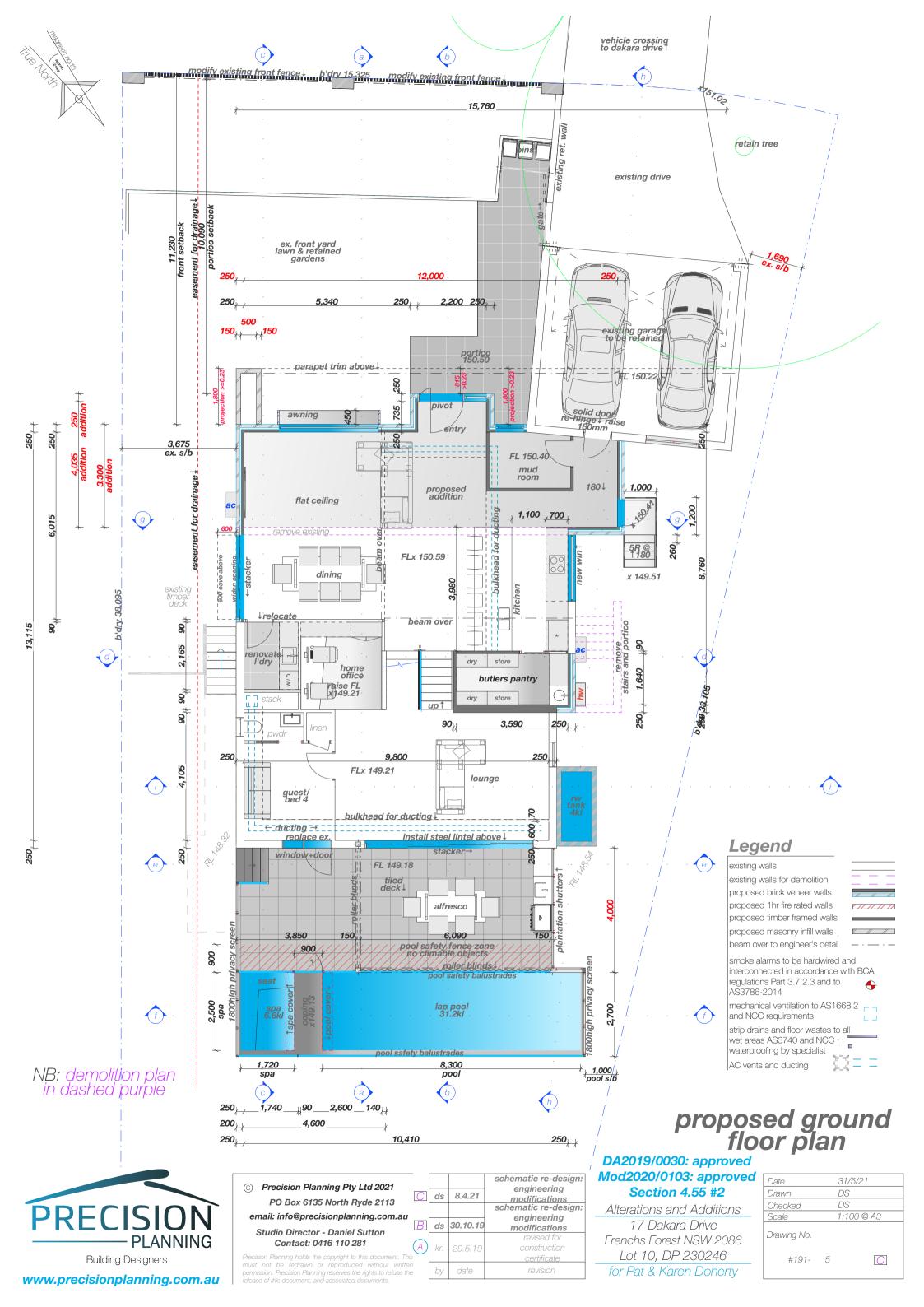
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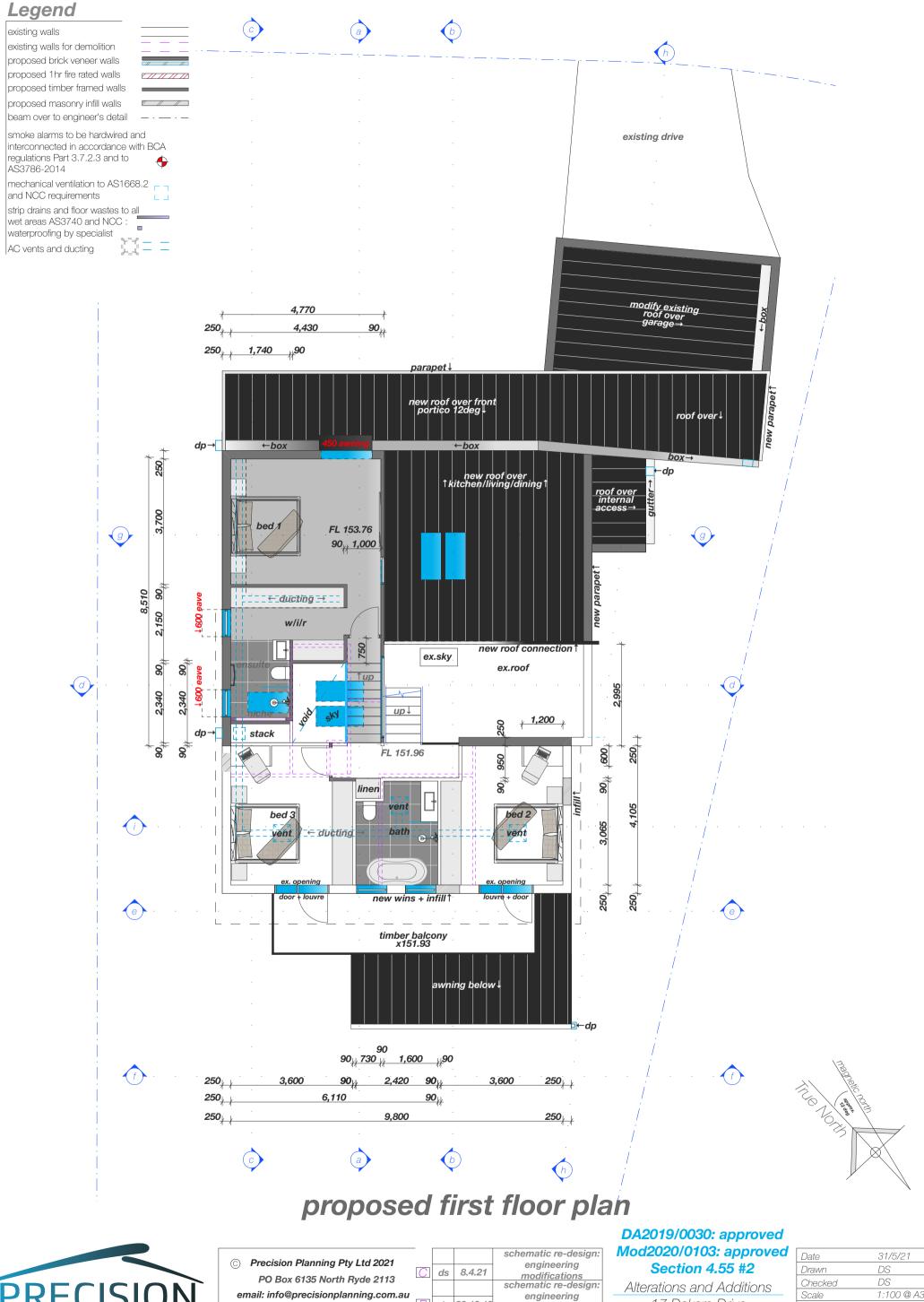
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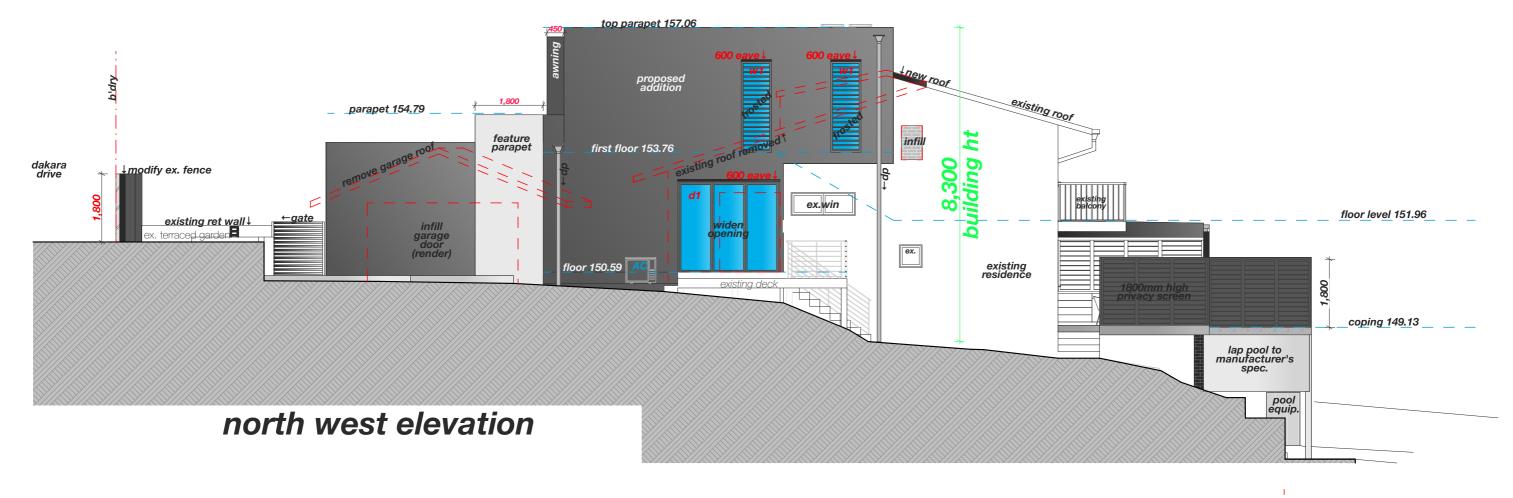
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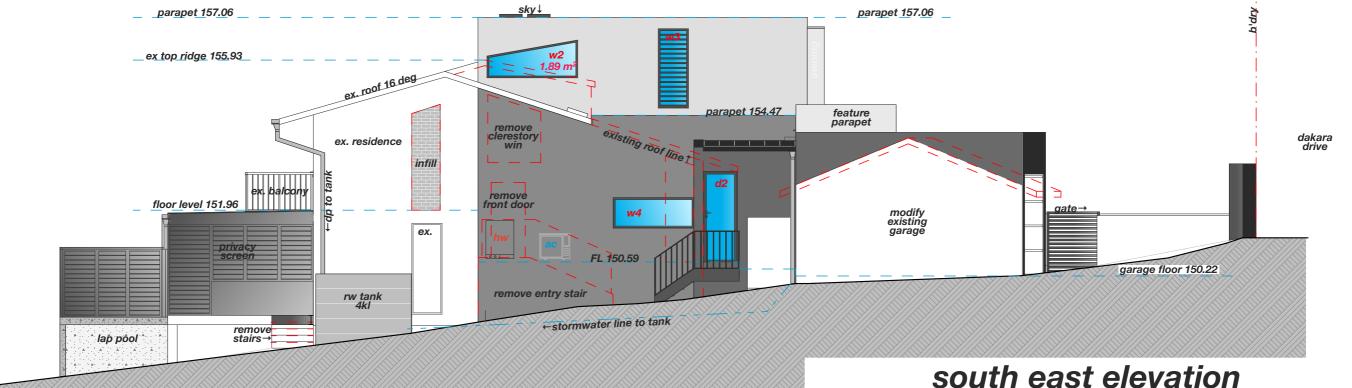
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General Notes/ Spec.

This Plan is intended for Council DA or Certifier Submission only Builder and Contractors to check and ensure:

Window/door/skylight sizes prior to order.
No underground services search has been conducted. It is advised to do a 'Dial Before Termite Protection:

Kordon Blanket or similar termite protection system is to used in the protection agains subteranean termites in accordance with AS3660.1-2000 and to manufacturer's

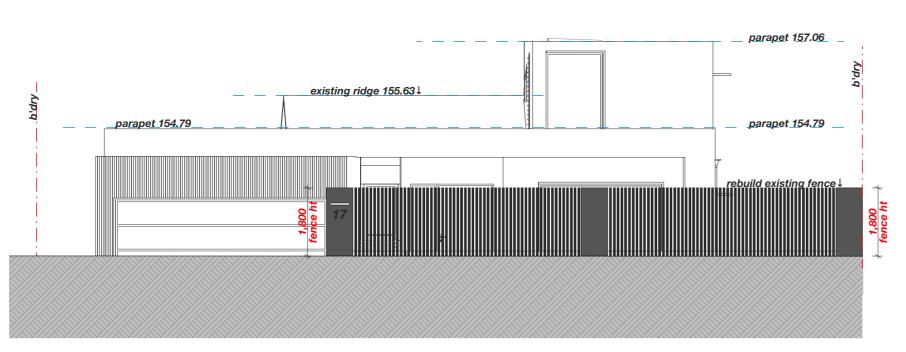
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north east elevation - residence



north east elevation - fence detail



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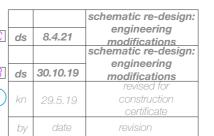
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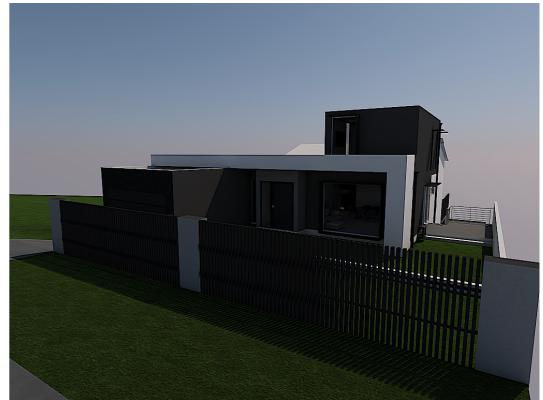
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front perspective (concept only)



front fence perspective (concept only)

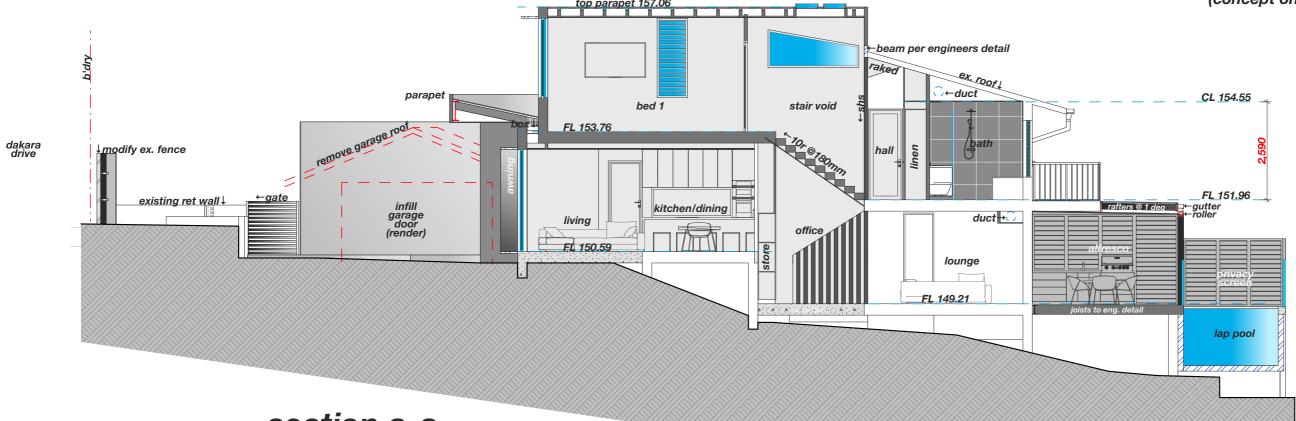
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south west elevation rear perspective (concept only)



section a-a

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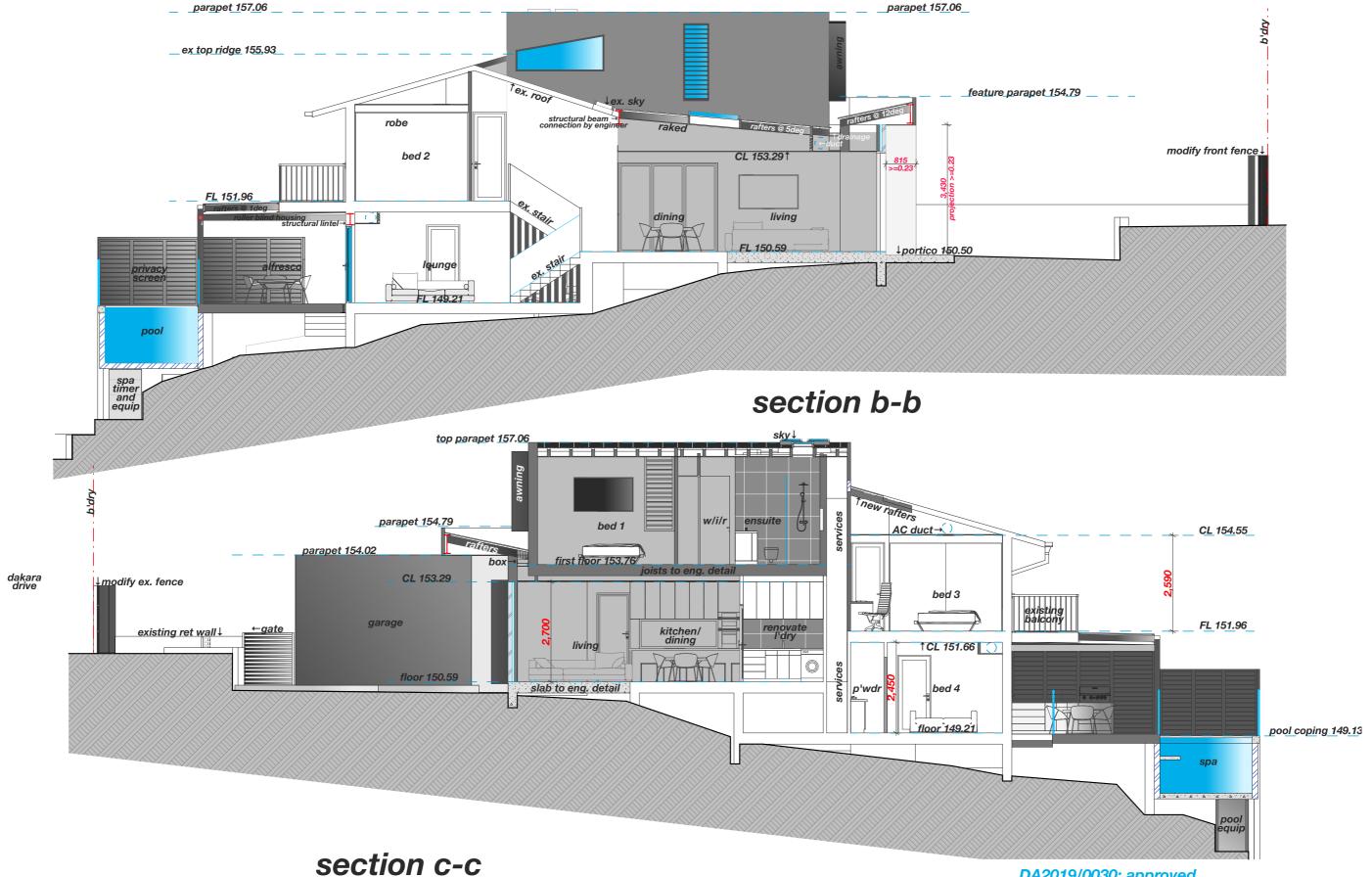
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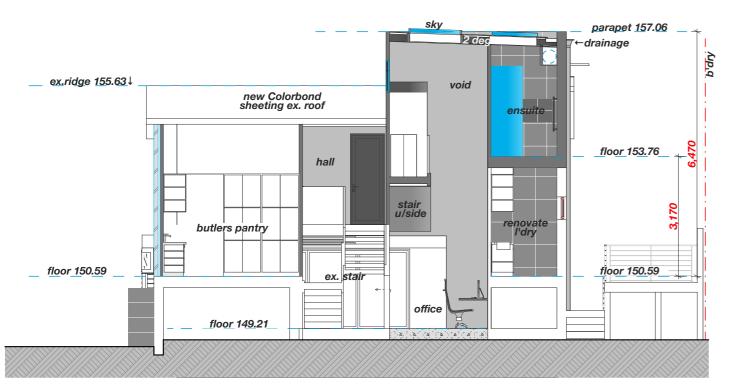
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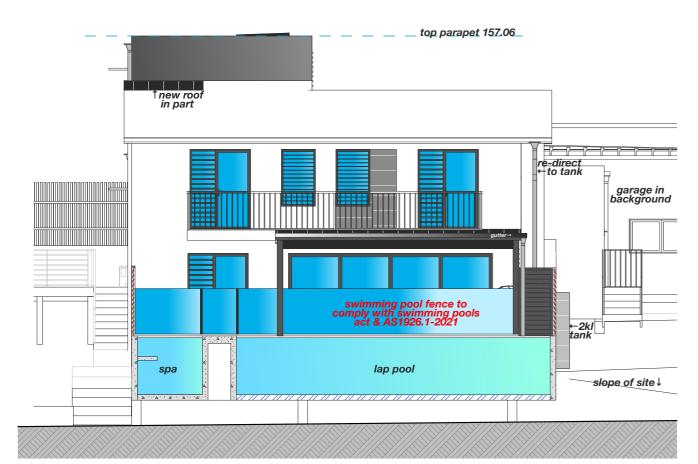
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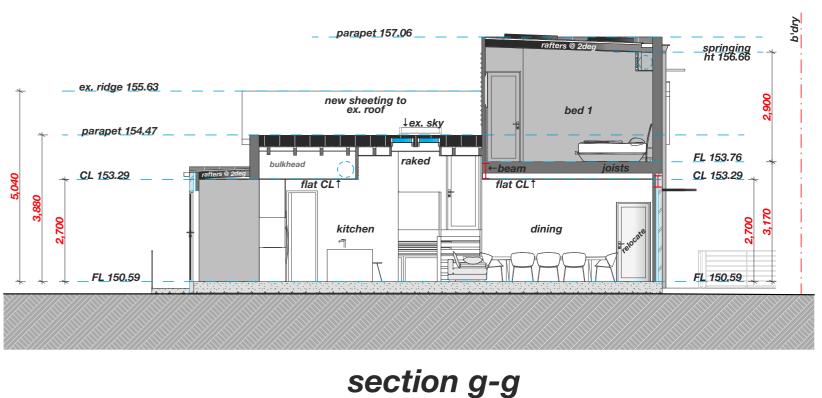




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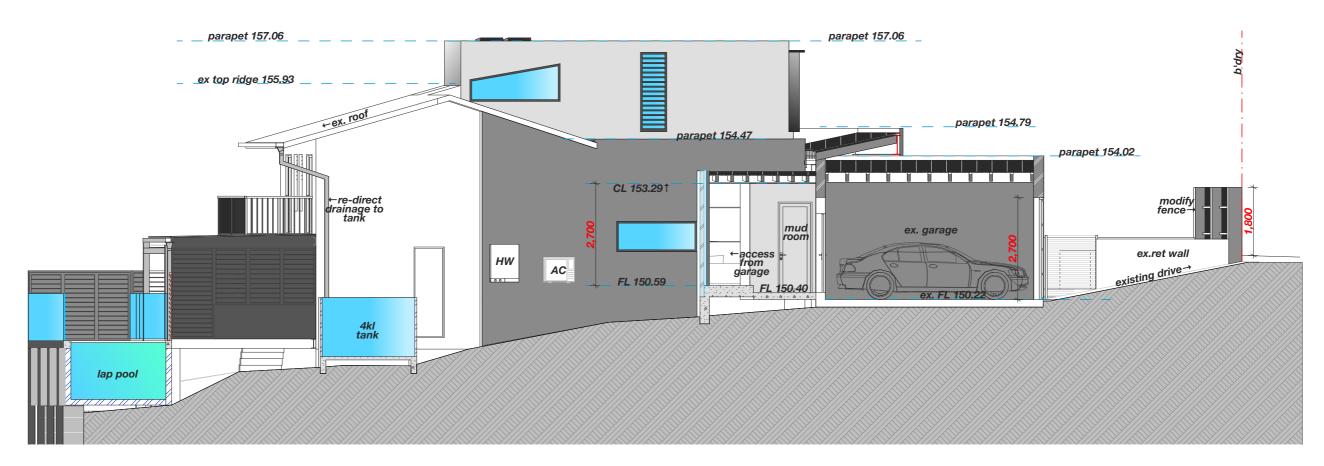
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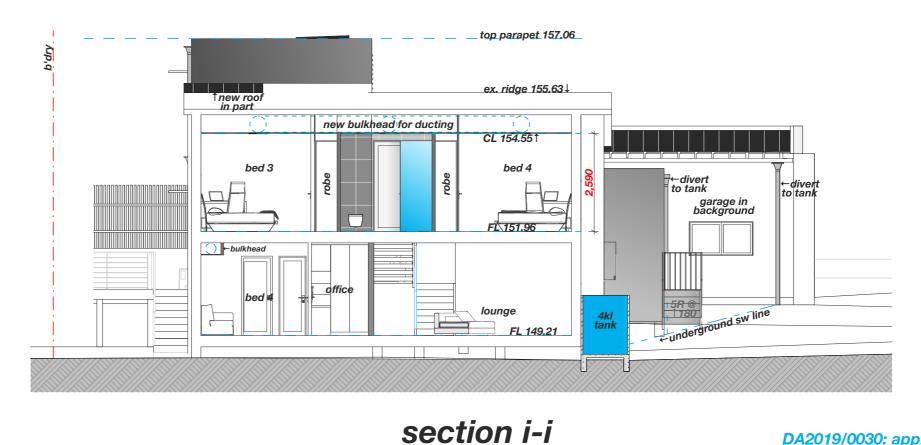
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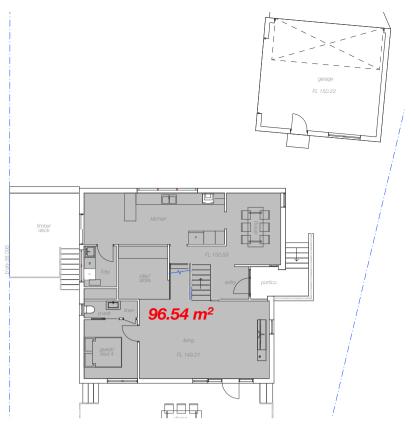
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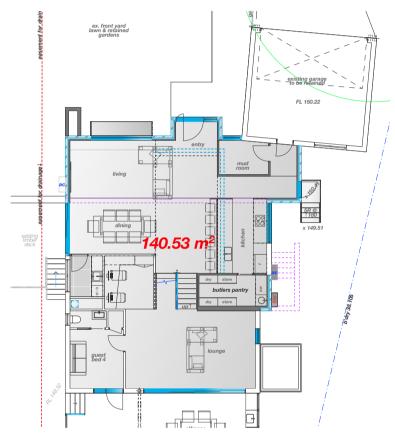
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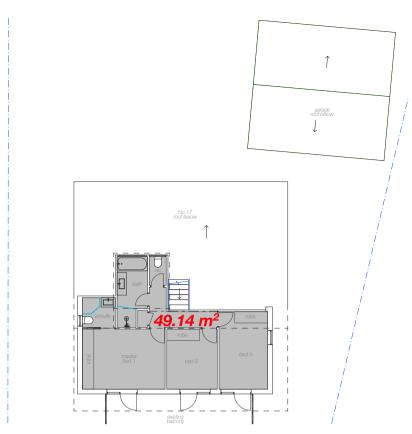
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existing ground floor area



proposed ground floor area



existing first floor area



proposed first floor area

Calc	culations				
site area	!	- 712 sqm	Council Controls	Compliance	
floor area					
	existing residence	-145.68 sqm			
	prop. ground prop. first total	- 140.53 sqm -70.91 sqm - 211.44 sqm	N/A	✓	
	proposed addition	- 65.76 sqm			
	FSR	- 0.29.6:1			
site cover		maximum 33.3% of site			
	total	- 192.82 sqm - 27% of site	maximum 33.3% or site	V	
landscapir	<u>ng</u>			,	
	total	- 348.55 sqm -48.9% of site	minimum 40 % of site	√	
total - 173.90 sqm - 24.4% of site					
		minimum 3X3	✓		

	Council Controls Compliance	
building height proposed building height - 8.3 m	maximum 8.5m	✓
side setbacks - garage = 1.690m and 850mm - residence = 3.675m - pool = 1m	minimum 900m setback	X ex. garage non compliance
front setback - garage = 5.240 m - portico = 10.090m - residence = 11.230m	6.5m minimum setback	X ex. garage non compliance
<u>rear setback</u> - 13.200 m	minimum 6m setback	✓

calculation plan: floor area existing and proposed



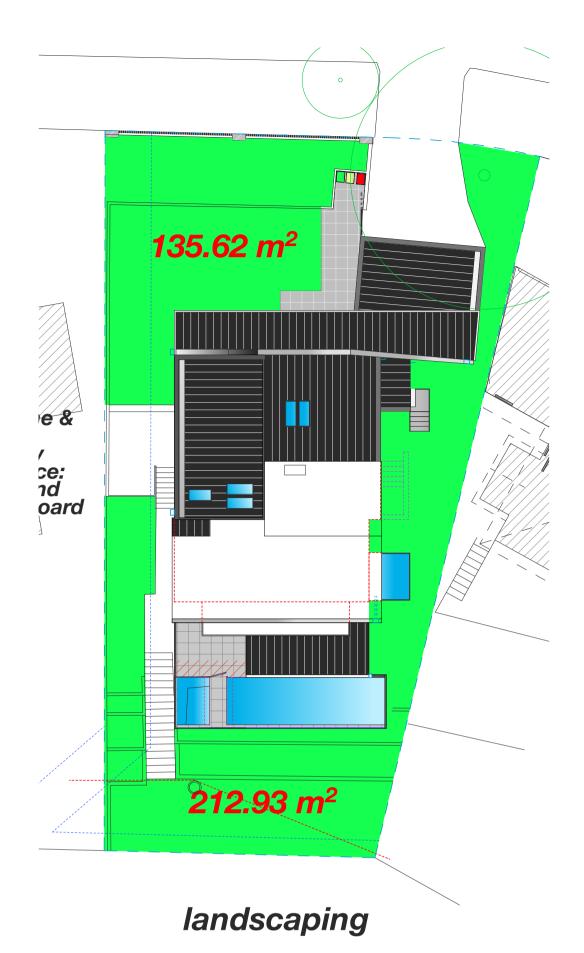
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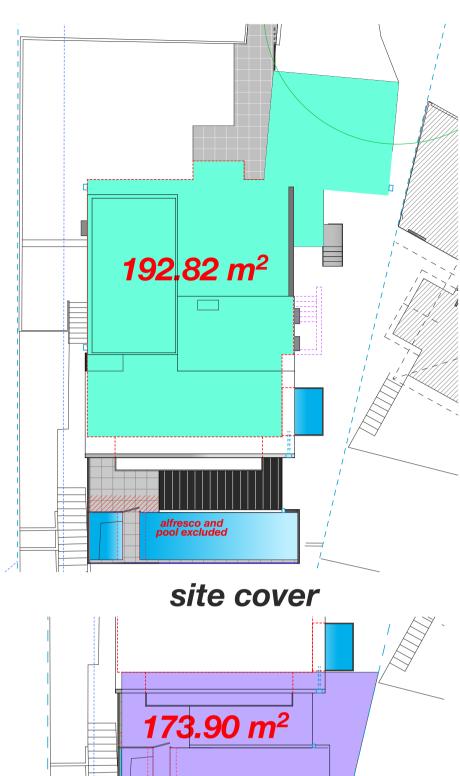
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Calculations

site area	- 712 sqm	Council Controls	Compliance	
floor area_				
existing resid	lence - 145.68 sqm			
prop. ground prop. first total	- 140.53 sqm -70.91 sqm - 211.44 sqm	N/A	√	
proposed ac	dition - 65.76 sqm			
FSR	- 0.29.6:1			
site cover_		maximum 33.3% of site		
total	- 192.82 sqm - 27% of site	maximum 55.5 % of site	•	
andscaping		40.0% of all	✓	
total	- 348.55 sqm -48.9% of site	minimum 40 % of site		
orivate open space				
total	- 173.90 sqm - 24.4% of site	minimum 3X3	~	

building height Council Controls Compliance building height - 8.3 m maximum 8.5m side setbacks - garage = 1.690m and 850mm - residence = 3.675m - pool = 1m minimum 900m setback X

private open space

6.5m minimum setback

minimum 6m setback

calculation plan: landscaping, site cover and private open space

- garage = 5.240 m

- **13.200** m

rear setback

residence = 11.230m



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Alterations and Additions
17 Dakara Drive
Frenchs Forest NSW 2086
Lot 10, DP 230246
for Pat & Karen Doherty

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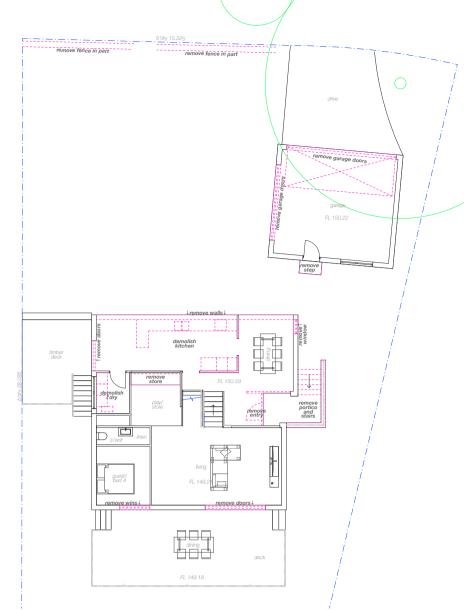
ex. garage

compliance

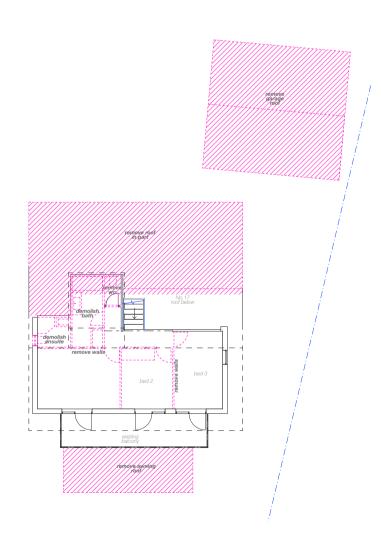
Legend - Construction Waste Management sand bag silt traps/sediment fence to provide sediment control for 00000000000000 storm water run-off 2.1m high cyclone fencing gate with nylon mesh along boundaries during construction : builder's and certifier signage to be displayed protection mat for heavy machinery leaving the site : as required on site material store on site waste bins on site recycling/garden **Demolition** walls or elements to be

removed/ demolished





demolition ground floor



demolition first floor

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Studio Director - Daniel Sutton Contact: 0416 110 281

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u B	ds	30.10.19	engineering	
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DA2019/0030: approved Mod2020/0103: approved Section 4.55 #2

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

Alterations and Additions

Certificate number: A324150_04

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

This certificate is a revision of certificate number A324150_02 lodged with the consent authority or certifier on 16 Jan 2019 with application DA2019/0030.

It is the responsibility of the applicant to verify with the consent authority that the original, or any revised certificate, complies with the requirements of Sch 1 Cl 2A, 4A or 6A of the Environmental Planning and

Secretary
Date of issue: Monday, 31, May 2021
To be valid, this certificate must be lodged within 3 months of the date of issue.



BASIX Certificate number: A324150_04

Project name	Pat and Karen Doherty_04
Street address	17 Dakara Drive Frenchs forest 2086
Local Government Area	Northern Beaches Council
Plan type and number	Deposited Plan 230246
Lot number	10
Section number	
Project type	
Dwelling type	Attached dwelling house
Type of alteration and	My renovation work is valued at \$50,000 or more

Certificate Prepared by (please complete before submitting to Council or PCA)				
Name / Company Name: Precision Planning				
ABN (if applicable): 600725219				

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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 3828 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 113.7 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 and outdoor spa.		✓	~
Outdoor swimming pool			
The swimming pool must be outdoors.	✓	✓	V
The swimming pool must not have a capacity greater than 31.2 kilolitres.	✓	✓	✓
The swimming pool must have a pool cover.		✓	V
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: gas.		✓	V
Outdoor spa			
The spa must not have a capacity greater than 6.6 kilolitres.	✓	✓	V
The spa must have a spa cover.		✓	V
The applicant must install a spa pump timer.		✓	V
The applicant must install the following heating system for the outdoor spa that is part of this development: gas.		_	_

Fixtures and systems	Show on DA Plans	Show on CC/CDC Plans & specs	Certifier Check
Hot water		эрссэ	
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.		1	

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Construction			Show on DA Plans	Show on CC/CDC Plans & specs	Certifier Check
Insulation requirements					
	d construction (floor(s), walls, and ceilings/roofs) tion is not required where the area of new constr where insulation already exists.		✓	✓	✓
Construction	Additional insulation required (R-value)	Other specifications			
concrete slab on ground floor.	nil				
suspended floor with open subfloor: concrete (R0.6).	R0.9 (down) (or R1.50 including construction)				
floor above existing dwelling or building.	nil				
external wall: framed (weatherboard, fibro, metal clad)	R1.30 (or R1.70 including construction)				
external wall: brick veneer	R1.16 (or R1.70 including construction)				
internal wall shared with garage: single skin masonry (R0.18)	nil				
flat ceiling, pitched roof	ceiling: R0.95 (up), roof: foil backed blanket (100 mm)	dark (solar absorptance > 0.70)			
raked ceiling, pitched/skillion roof: framed	ceiling: R1.24 (up), roof: foil backed blanket (100 mm)	dark (solar absorptance > 0.70)			



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Glazing requ	irements						Show on DA Plans	Show on CC/CDC Plans & specs	Certifie Check
Windows and	glazed do	ors							
					hading devices, in accordance with r each window and glazed door.	the specifications listed in the table below.	✓	✓	✓
The following requirements must also be satisfied in relation to each window and glazed door:							✓	✓	
have a U-value must be calcula	and a Solar ted in accord	Heat Gair lance with	n Coeffici n Nationa	ent (SHGC) I Fenestratio	no greater than that listed in the tab	ar glazing, or toned/air gap/clear glazing must le below. Total system U-values and SHGCs . The description is provided for information		~	~
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.						cony or awning must be no more than 500 mm	✓	✓	✓
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 p	olycarbonate	roof or s	imilar trar	slucent mat	erial must have a shading coefficien	t of less than 0.35.		✓	V
					e window or glazed door above whitens must not be more than 50 mm.	ch they are situated, unless the pergola also		✓	✓
Windows an	d glazed o	loors g	lazing r	equireme	nts				
Window / door	Orientation				Shading device	Frame and glass type			
no.		glass inc. frame (m2)	Height (m)	Distance (m)					
d1	NW	6.48	0	0	eave/verandah/pergola/balcony >=600 mm	improved aluminium, single pyrolytic low-e, (U-value: 4.48, SHGC: 0.46)			
w1 x2	NW	3.84	0	0	eave/verandah/pergola/balcony >=600 mm	improved aluminium, single pyrolytic low-e, (U-value: 4.48, SHGC: 0.46)			
w2	SE	1.89	0	0	none	improved aluminium, single clear, (U-value: 6.44, SHGC: 0.75)			
w3	SE	1.68	0	0	none	improved aluminium, single clear, (U-value:			

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Glazing requirements						Show on DA Plans	Show on CC/CDC Plans & specs	Certifier Check	
Window / door	Orientation	Area of	Oversha	adowing	Shading device	Frame and glass type			
no.		glass inc. frame (m2)	Height (m)	Distance (m)		<i>.</i>			
						6.44, SHGC: 0.75)			
w4	SE	1.704	0	0	none	improved aluminium, single clear, (U-value: 6.44, SHGC: 0.75)			
d2	SE	2.16	0	0	none	improved aluminium, single clear, (U-value: 6.44, SHGC: 0.75)			
w5	NE	2.43	0	0	projection/height above sill ratio >=0.23	improved aluminium, single pyrolytic low-e, (U-value: 4.48, SHGC: 0.46)			
w6	NE	1.89	0	0	projection/height above sill ratio >=0.23	improved aluminium, single pyrolytic low-e, (U-value: 4.48, SHGC: 0.46)			
d3	NE	4.05	0	0	projection/height above sill ratio >=0.23	improved aluminium, single pyrolytic low-e, (U-value: 4.48, SHGC: 0.46)			
w7	NE	8.64	0	0	eave/verandah/pergola/balcony >=450 mm	improved aluminium, single pyrolytic low-e, (U-value: 4.48, SHGC: 0.46)			
w8	NE	3.15	0	0	eave/verandah/pergola/balcony >=450 mm	improved aluminium, single pyrolytic low-e, (U-value: 4.48, SHGC: 0.46)			
d4 x3	SW	10.08	0	0	none	improved aluminium, single clear, (U-value: 6.44, SHGC: 0.75)			
d5	SW	11.34	0	0	none	improved aluminium, single clear, (U-value: 6.44, SHGC: 0.75)			
w9 x2	SW	2.7	0	0	none	improved aluminium, single clear, (U-value: 6.44, SHGC: 0.75)			
Skylights					,				
The applicant n	nust install the	e skylight	s in accor	rdance with t	he specifications listed in the table I	below.	✓	✓	_
			he esticf	iad in ralation	n to each skylight:		,	_	1

BASIX Certificate number: A324150_04

Glazing require	Show on DA Plans	Show on CC/CDC Plans & specs	Certifier Check			
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					✓	√
		IIS				
		Shading device	Frame and glass type			
	Area of glazing		Frame and glass type timber, low-E internal/argon fill/clear external, (or U-value: 2.5, SHGC: 0.456)			

BASIX Certificate number: A324150_04

Legend
n these commitments, "applicant" means the person carrying out the development.
Commitments identified with a "v" 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 "v" in the "Show on CC/CDC plans & specs" column must be shown in the plans and specifications accompanying the application for a construction pertificate / complying development certificate for the proposed development.
Commitments identified with a "v" 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.

Frenchs Forest NSW 2086 Lot 10, DP 230246

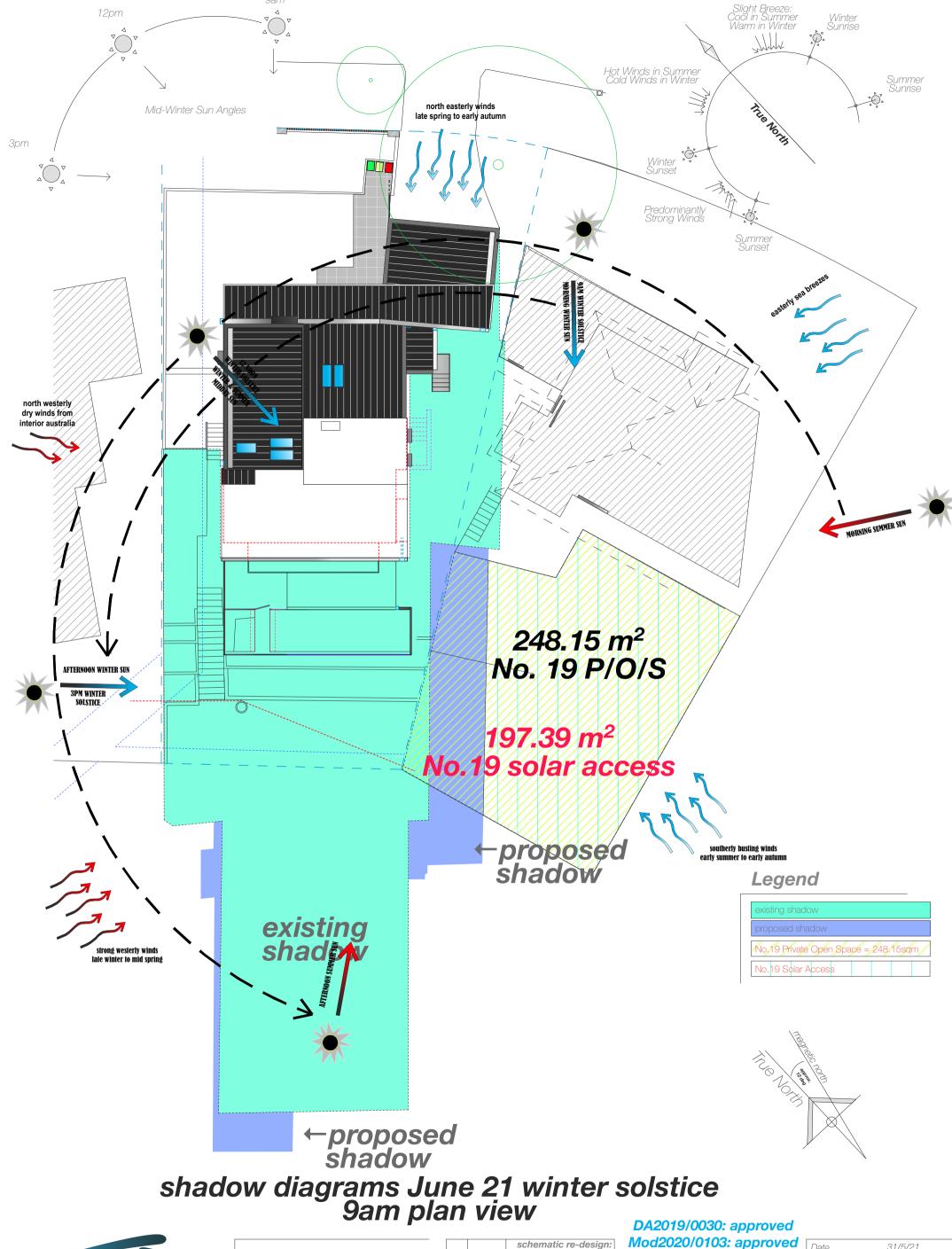
for Pat & Karen Doherty

DA2019/0030: approved

Section 4.55 application Alterations and Additions 17 Dakara Drive

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BASIX - Certification





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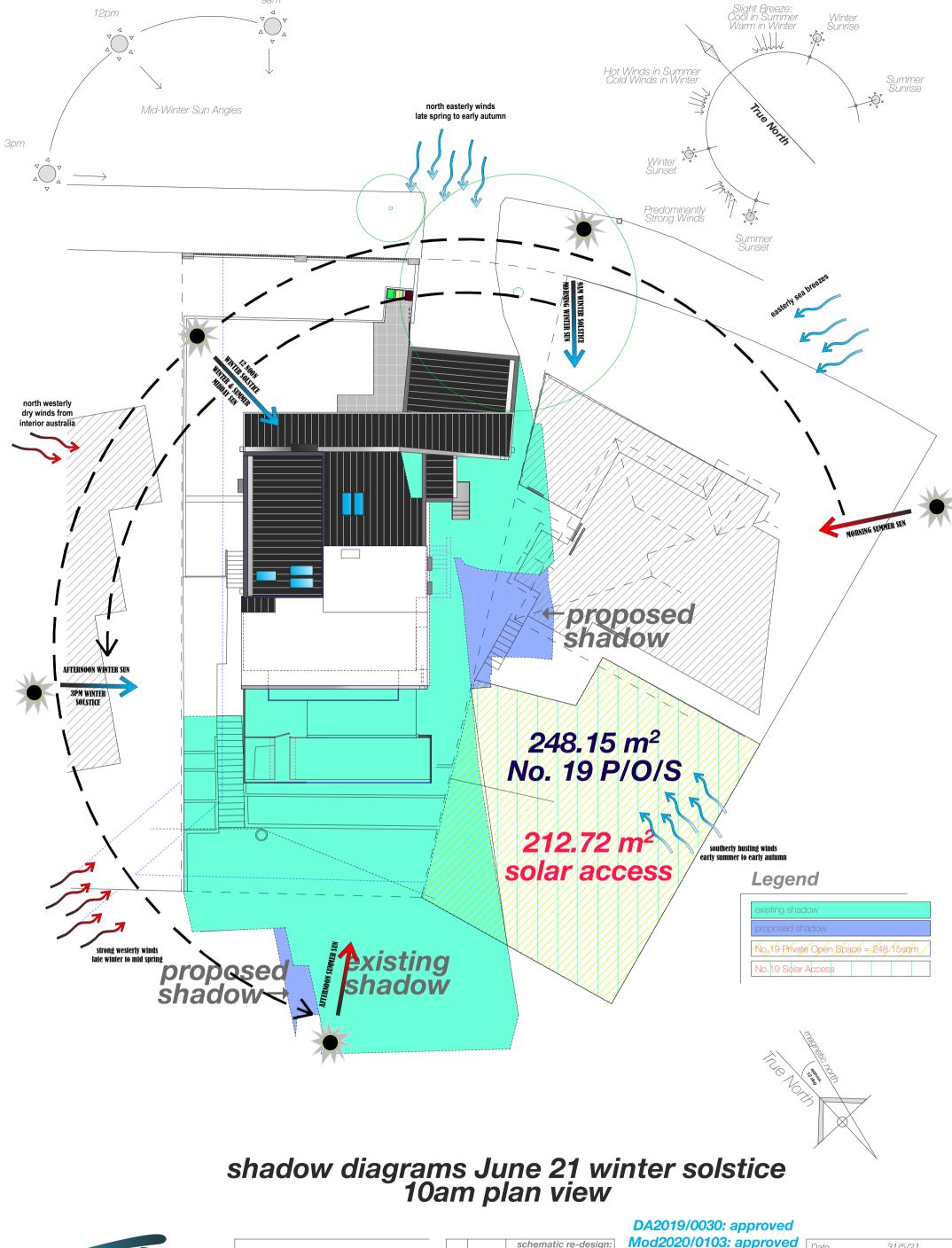
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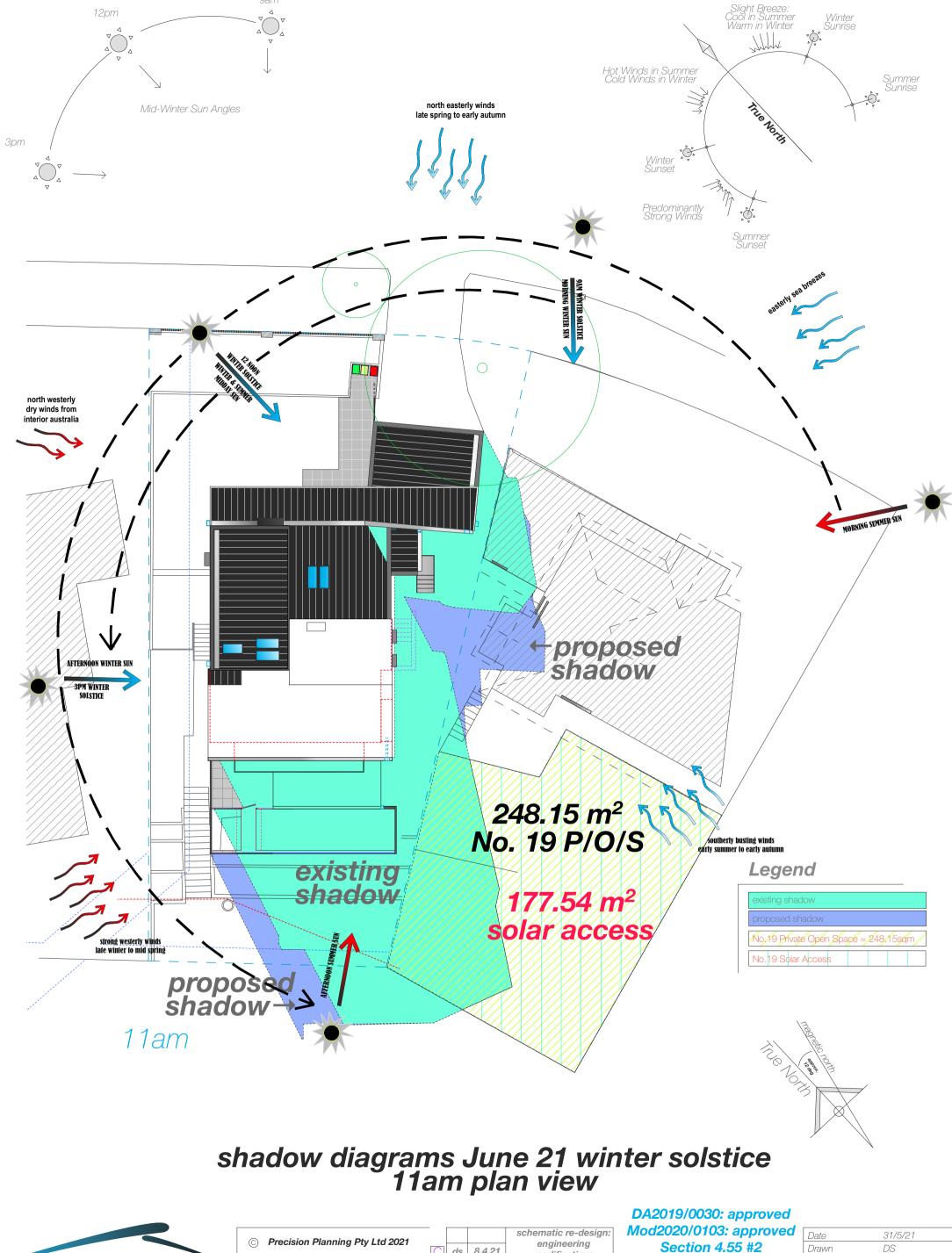
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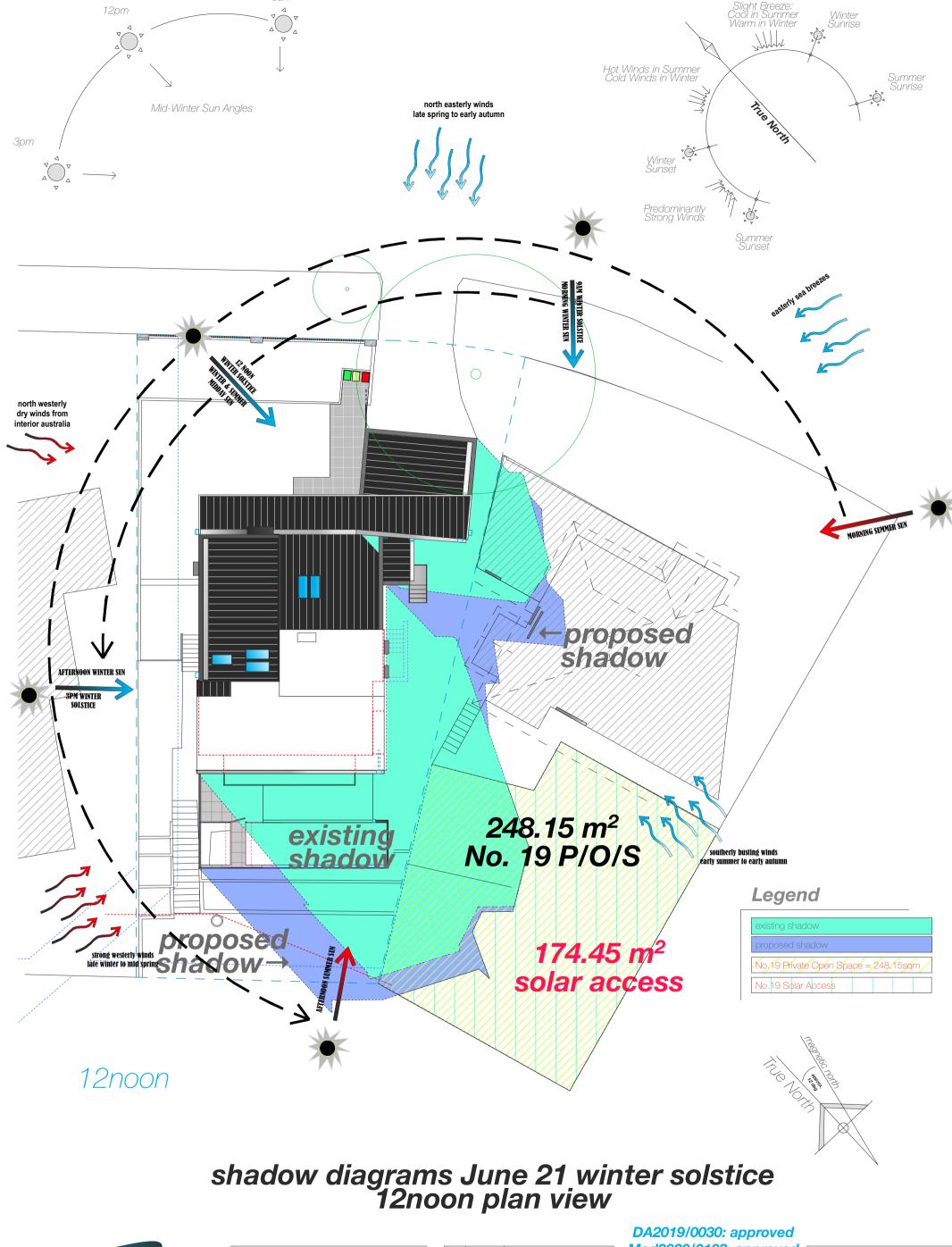
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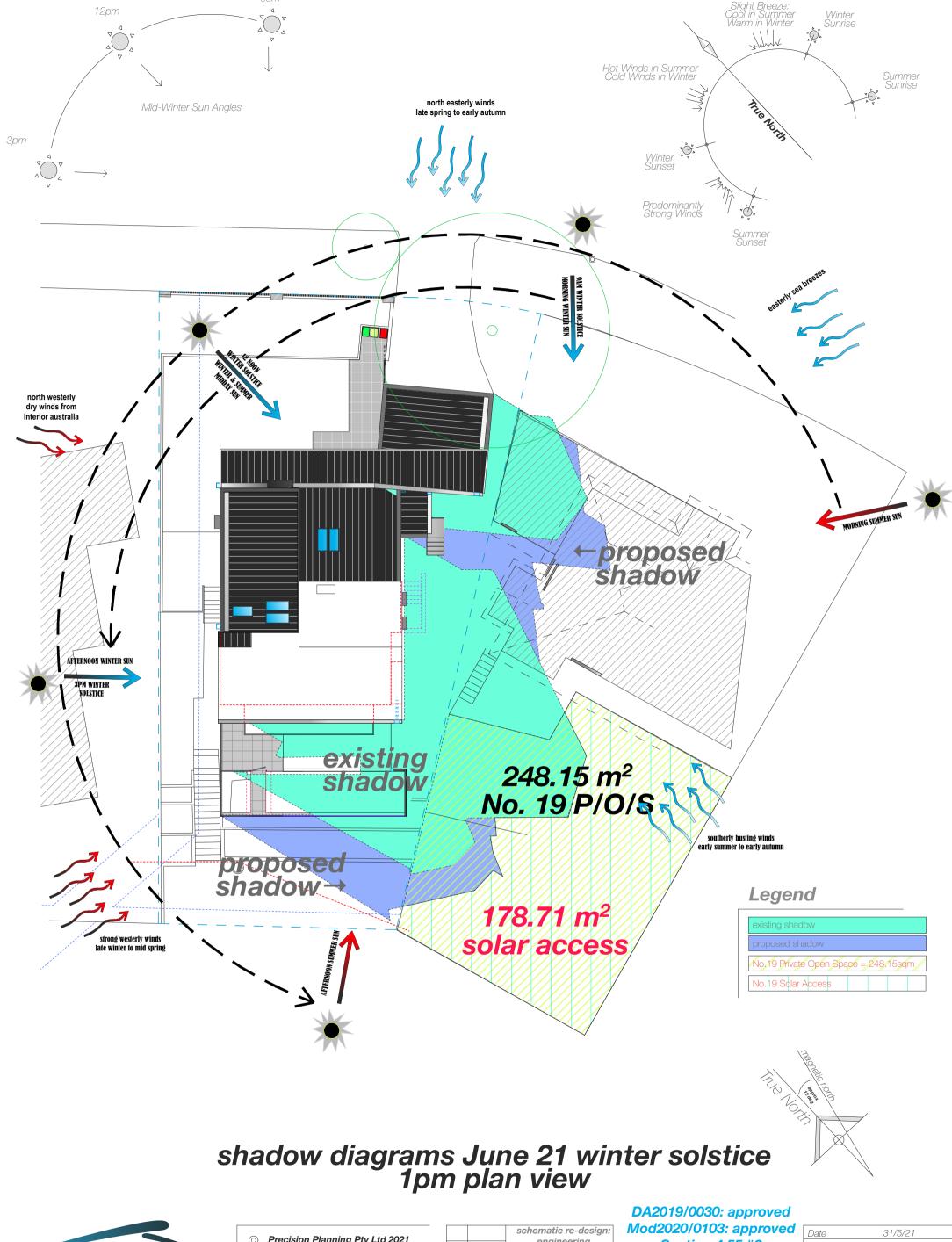
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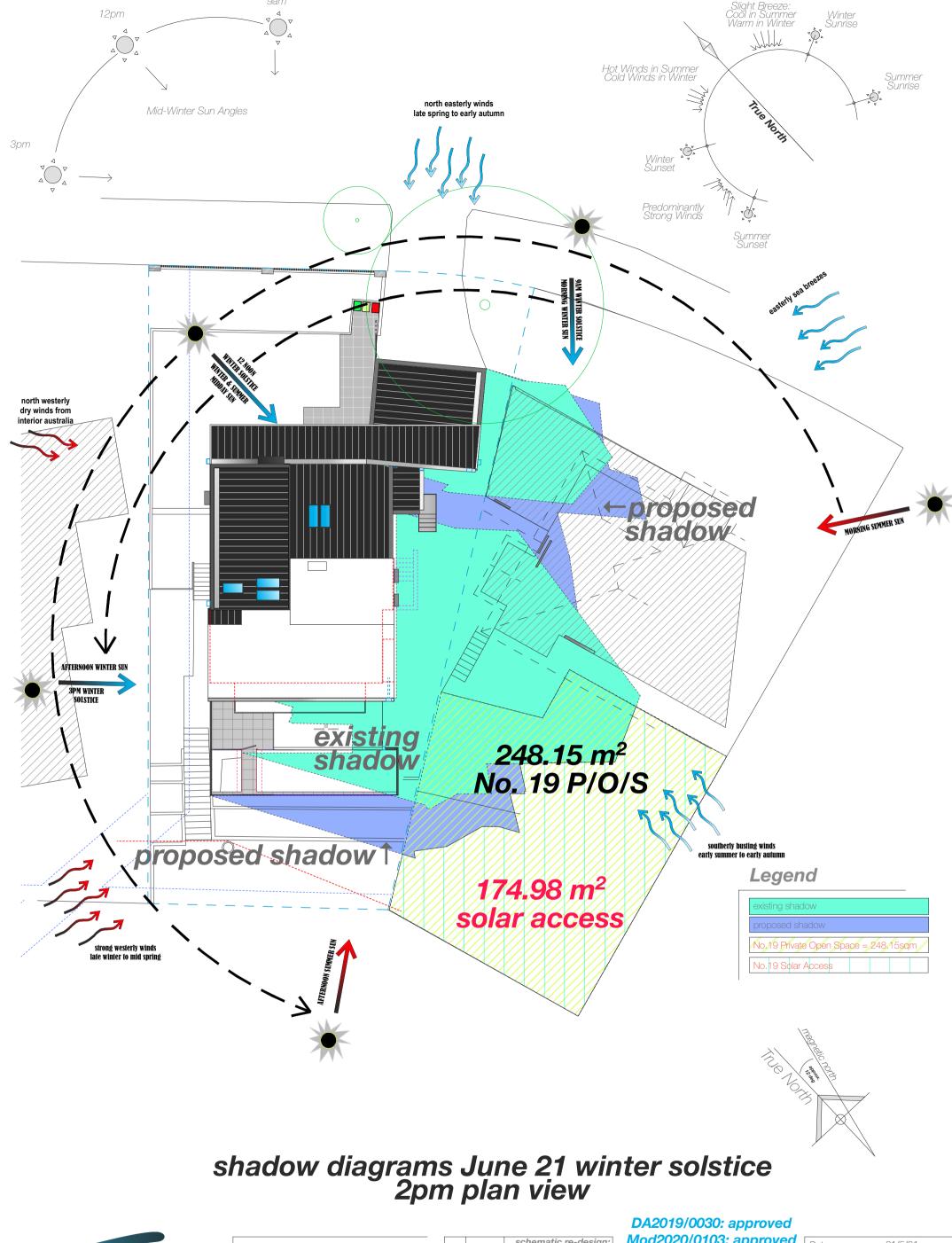
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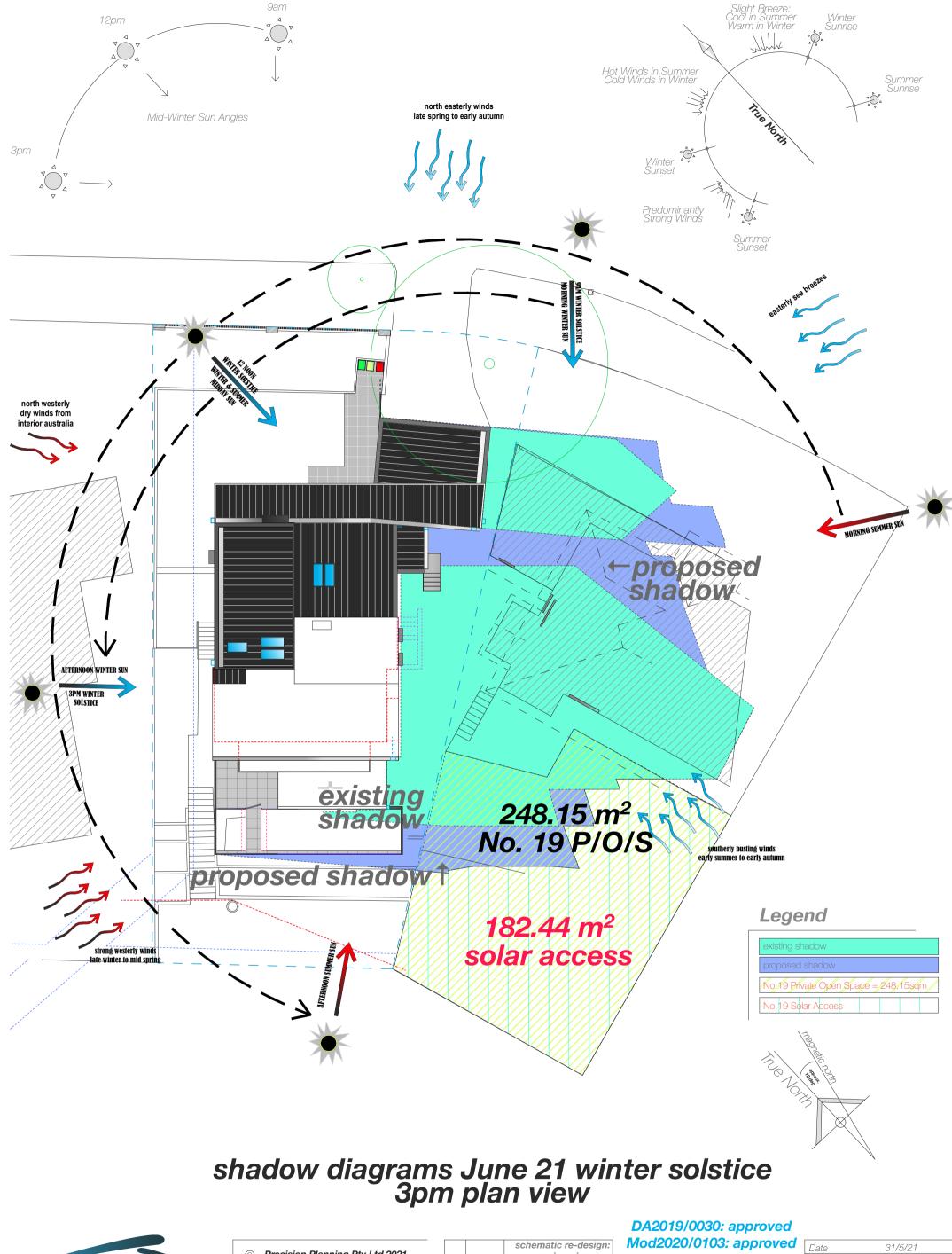
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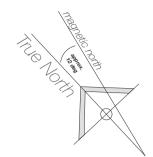
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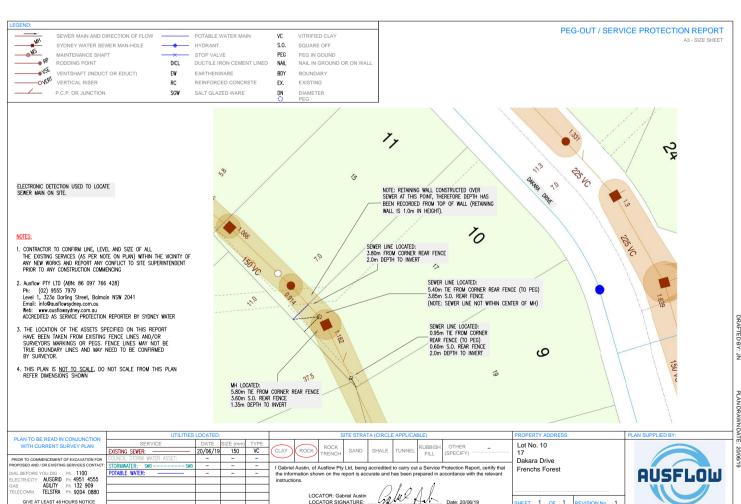
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sydney water peg-out plan



Building Designers

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