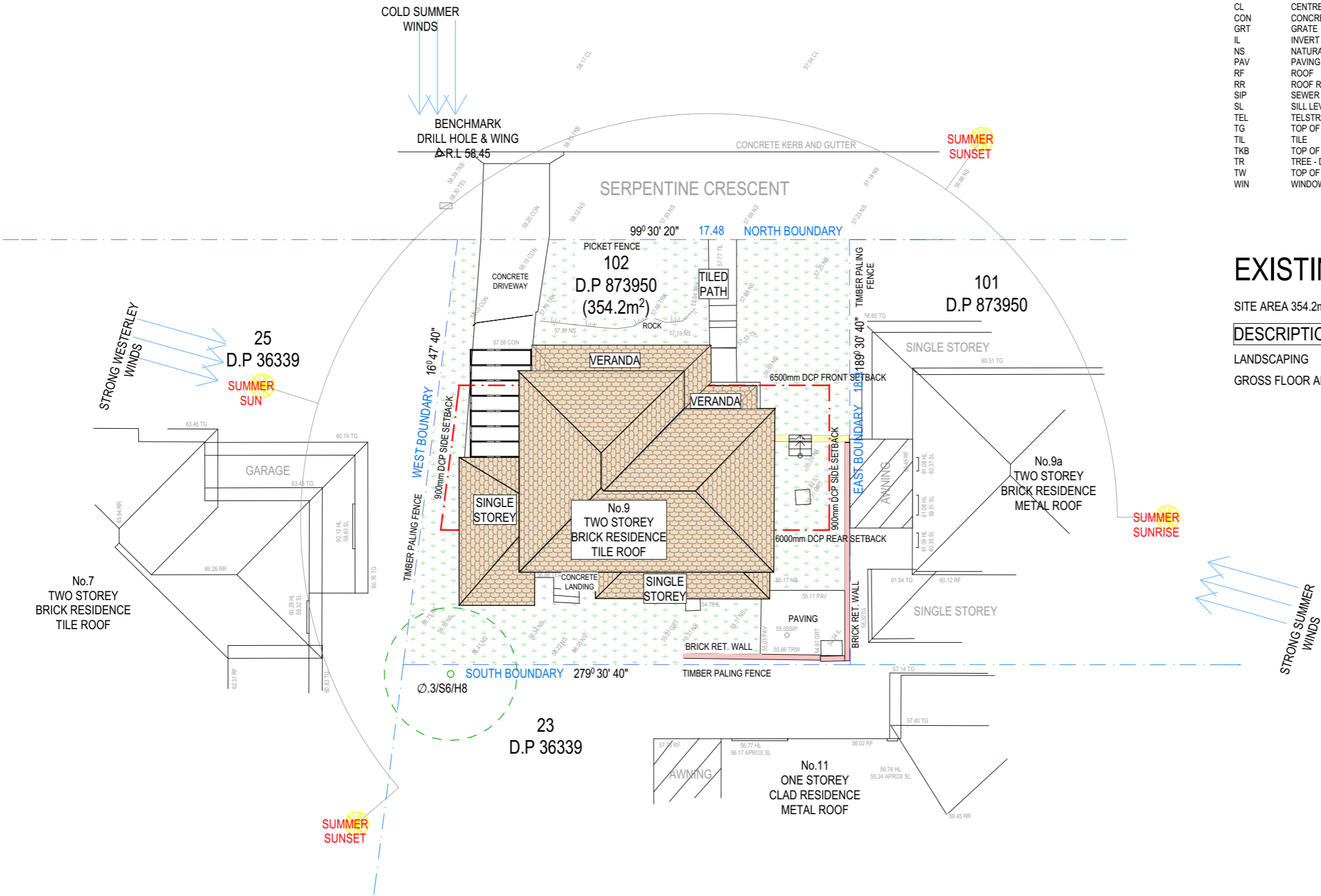


KEY

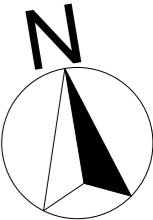
CL	CENTRELINE
CON	CONCRETE
GRT	GRATE
IL	INVERT LEVEL
NS	NATURAL SURFACE
PAV	PAVING
RF	ROOF
RR	ROOF RIDGE
SIP	SEWER INSPECTION PIT
SL	SILL LEVEL
TEL	TELSTRA
TG	TOP OF GUTTER
TIL	TILE
TKB	TOP OF KERB
TR	TREE - DIA, SPREAD, HEIGHT
TW	TOP OF WALL/VER VERANDA
WIN	WINDOW

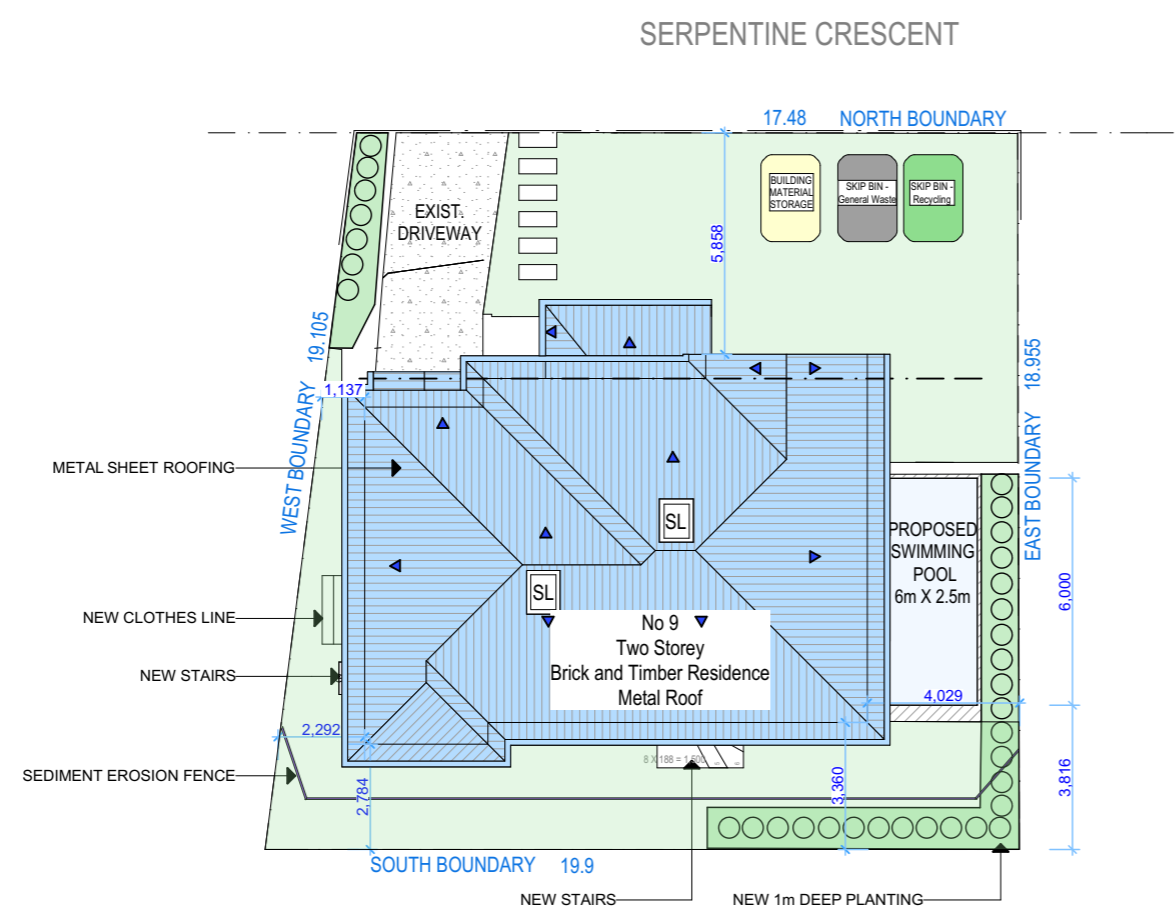
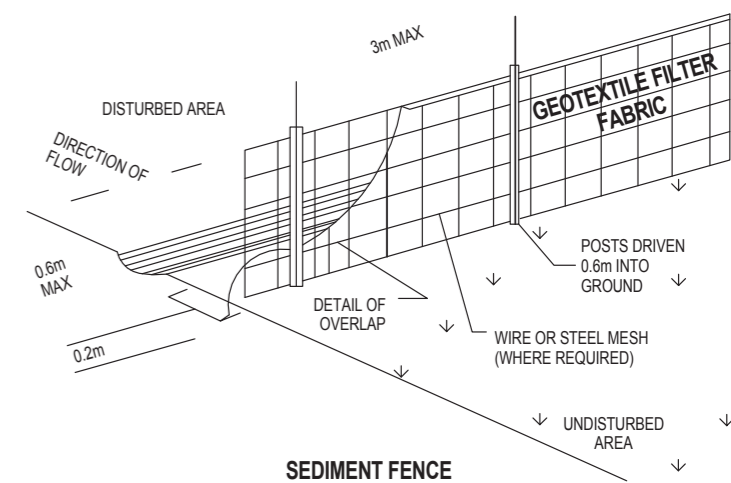
EXISTING CALCULATIONS

SITE AREA 354.2m <sup>2</sup>	FRONTAGE 17.48m
DESCRIPTION	EXISTING
LANDSCAPING	153.74m <sup>2</sup> (43.40%)
GROSS FLOOR AREA (including garage)	89.99m <sup>2</sup> (GF) + 58.33m <sup>2</sup> (FF) = 148.32m <sup>2</sup> (41.88%)



SITE ANALYSIS PLAN





PROPOSED CALCULATIONS

SITE AREA 354.2m <sup>2</sup>	FRONTAGE 17.48m
DESCRIPTION	PROPOSED
LANDSCAPING	158.43m <sup>2</sup> (44.72%)
GROSS FLOOR AREA	
- GROUND FLOOR, EXC. ALFRESCO AREA	99.67m <sup>2</sup>
- FIRST FLOOR, EXC. STAIRS	108.10m <sup>2</sup>

**DUST CONTROL :**  
TO REDUCE DUST GENERATED BY WIND ACTION, THE REMOVAL OF THE TOP SOIL IS TO BE MINIMISED. TO PREVENT DUST GENERATION, WATERING DOWN OF THE SITE, ESPECIALLY DURING THE MOVEMENT OF MACHINERY IS REQUIRED. WHERE EXCAVATING INTO ROCK, KEEP THE SURFACE MOIST TO MINIMISE DUST. CONSTRUCT A GRAVEL ENTRY/EXIT POINT USING BLUE METAL AND RESTRICT ALL VEHICLE MOVEMENTS WITHIN THE SITE TO A MINIMUM. ENSURE WIND BREAKS, SUCH AS EXISTING FENCES ARE MAINTAINED DURING THE CONSTRUCTION PHASE UNTIL NEW LANDSCAPING IS PROVIDED OR REINSTATED. PREVENT DUST BY COVERING STOCKPILES

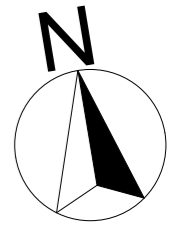
**SEDIMENT NOTE :**  
1. ALL EROSION AND SEDIMENT CONTROL MEASURES TO BE INSPECTED AND MAINTAINED DAILY BY THE SITE MANAGER.  
2. MINIMISE DISTURBED AREAS, REMOVE EXCESS SOIL FROM EXCAVATED AREA AS SOON AS POSSIBLE.  
3. ALL MATERIAL STOCKPILE TO BE CLEAR FROM DRAINS, GUTTERS AND FOOTPATHS, OR WITHIN SEDIMENT FENCE AREA.  
4. DRAINAGE TO BE CONNECTED TO STORMWATER AS SOON AS POSSIBLE. IF STORED ON SITE, IT MUST BE FILTERED BEFORE RELEASING INTO STORMWATER SYSTEM OR WATERWAYS.  
5. ROADS AND FOOTPATHS TO BE SWEEPED DAILY.

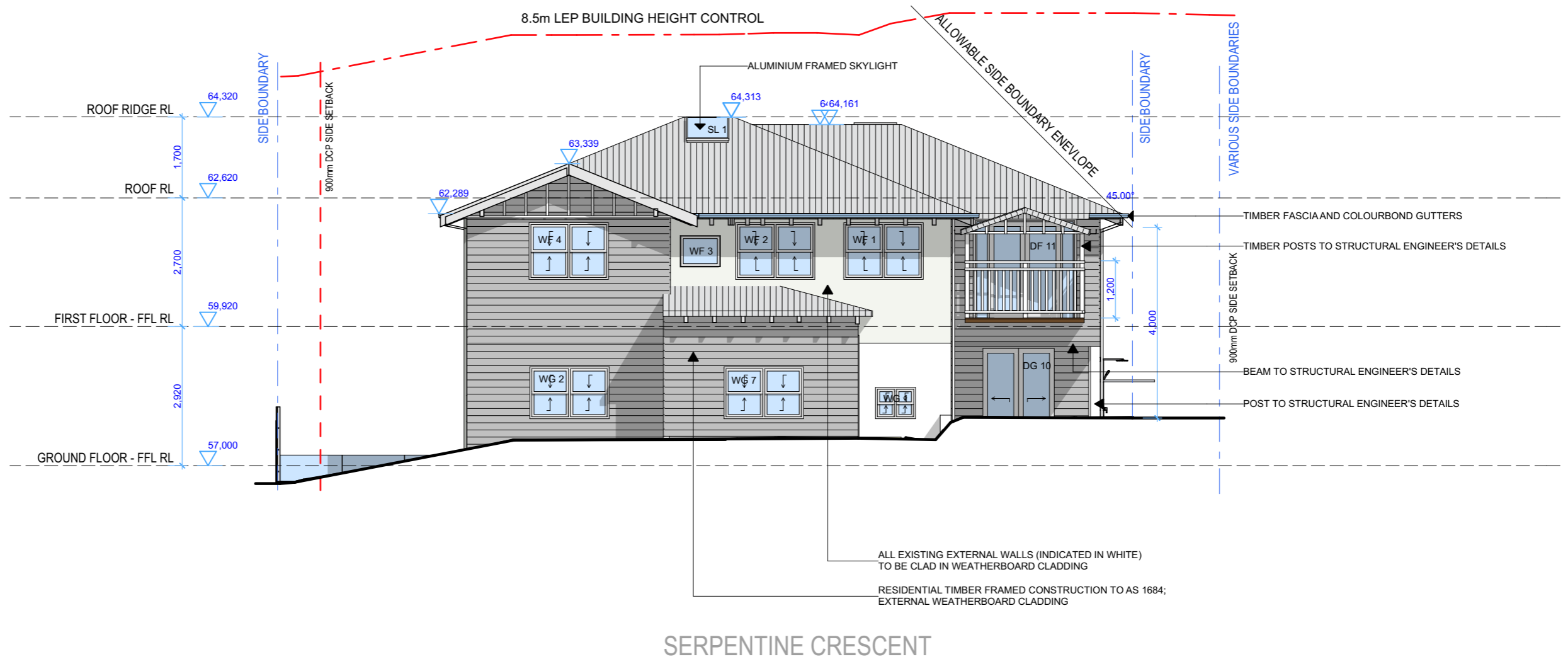
**STOCKPILES :**  
ALL STOCKPILES ARE TO BE KEPT ON-SITE WHERE POSSIBLE. ANY MATERIALS PLACED ON THE FOOTPATHS OR NATURE STRIPS REQUIRE COUNCIL'S PERMISSION.  
ALL STOCKPILES ARE TO BE PLACED AWAY FROM THE DRAINAGE LINES AND STREET GUTTERS. IT IS BEST TO LOCATE THESE ON THE HIGHEST PART OF THE SITE IF POSSIBLE. PLACE WATERPROOF COVERING OVER STOCKPILES.  
IF REQUIRED PROVIDE DIVERSION DRAIN & BANK AROUND STOCKPILES.

**GUTTER PROTECTION :**  
PROVIDE PROTECTION TO DOWNHILL GRATE IN GUTTER BY MEANS OF SAND BAGS OR BLUE METAL WRAPPED IN GEOTEXTILE FABRIC. WHEN SOIL OR SAND BUILDS UP AROUND THIS SEDIMENT BARRIER, THE MATERIAL SHOULD BE RELOCATED BACK TO THE SITE FOR DISPOSAL.

**NOTE:** ALL PROPOSED STORMWATER TO CONNECT WITH EXISTING

SITE/ROOF/WASTE MANAGEMENT PLAN














## PROPOSED NORTH ELEVATION

### NOTES

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Do no scale on drawings. Use figured dimensions.

### LEGEND

	TIMBER		METAL ROOFING
	WEATHERBOARD		TILED ROOFING
	FACE BRICKWORK		RENDER
	GLASS		EXISTING
	CONCRETE		

### CLIENT

Mr and Mrs Brock

### PROJECT ADDRESS

9 Serpentine Crescent,  
North Balgowlah, NSW  
2093

### DRAWING NO.

DA07

### DATE

Wednesday, 4  
September 2019

### DRAWING NAME

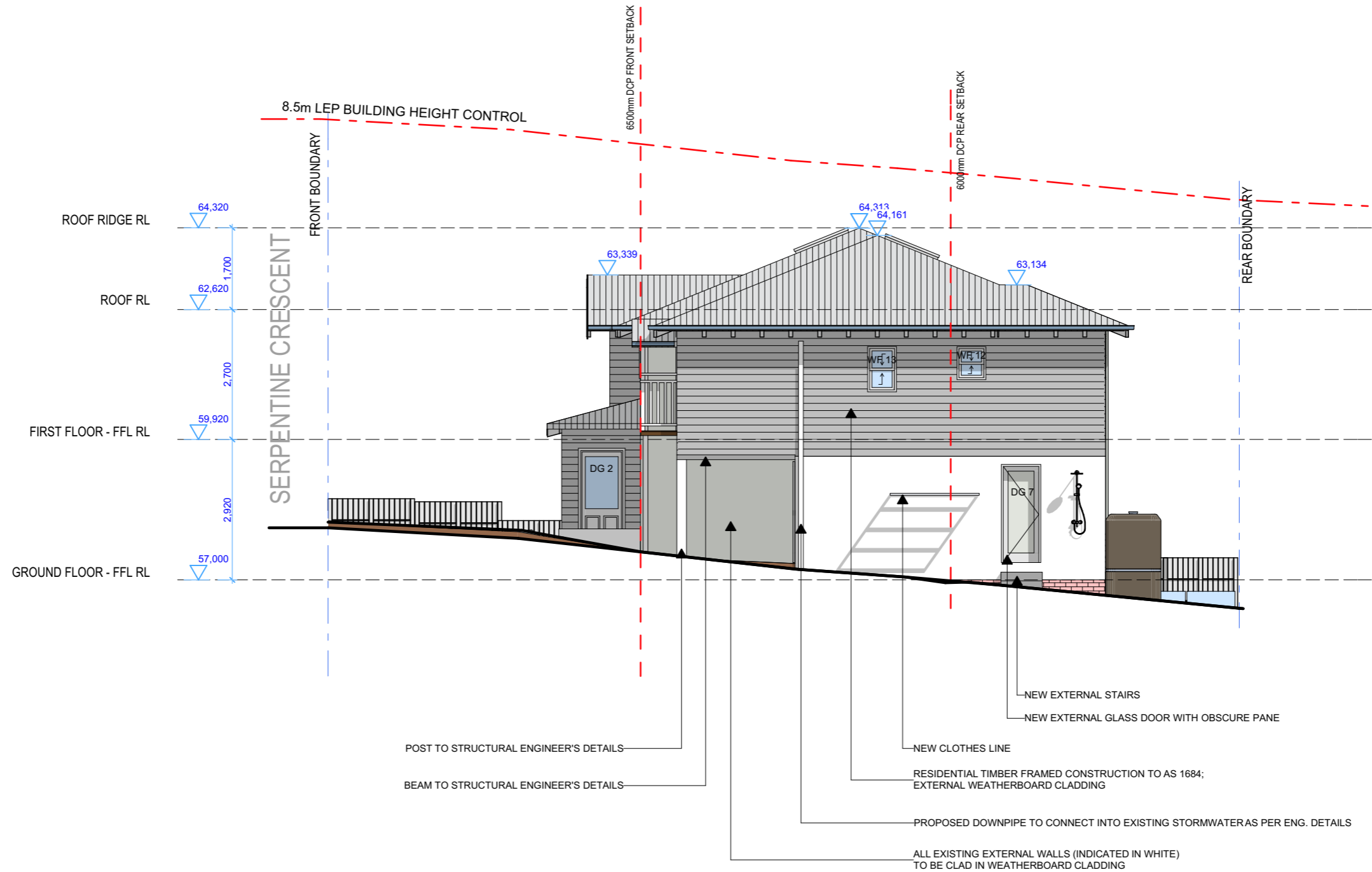
NORTH ELEVATION

### SCALE

1:100 @A3






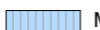





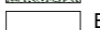



## PROPOSED WEST ELEVATION

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### LEGEND

	TIMBER		METAL ROOFING
	WEATHERBOARD		TILED ROOFING
	FACE BRICKWORK		RENDER
	GLASS		EXISTING
	CONCRETE		

### CLIENT

Mr and Mrs Brock

### PROJECT ADDRESS

9 Serpentine Crescent,  
North Balgowlah, NSW  
2093

### DRAWING NO.

DA10

### DATE

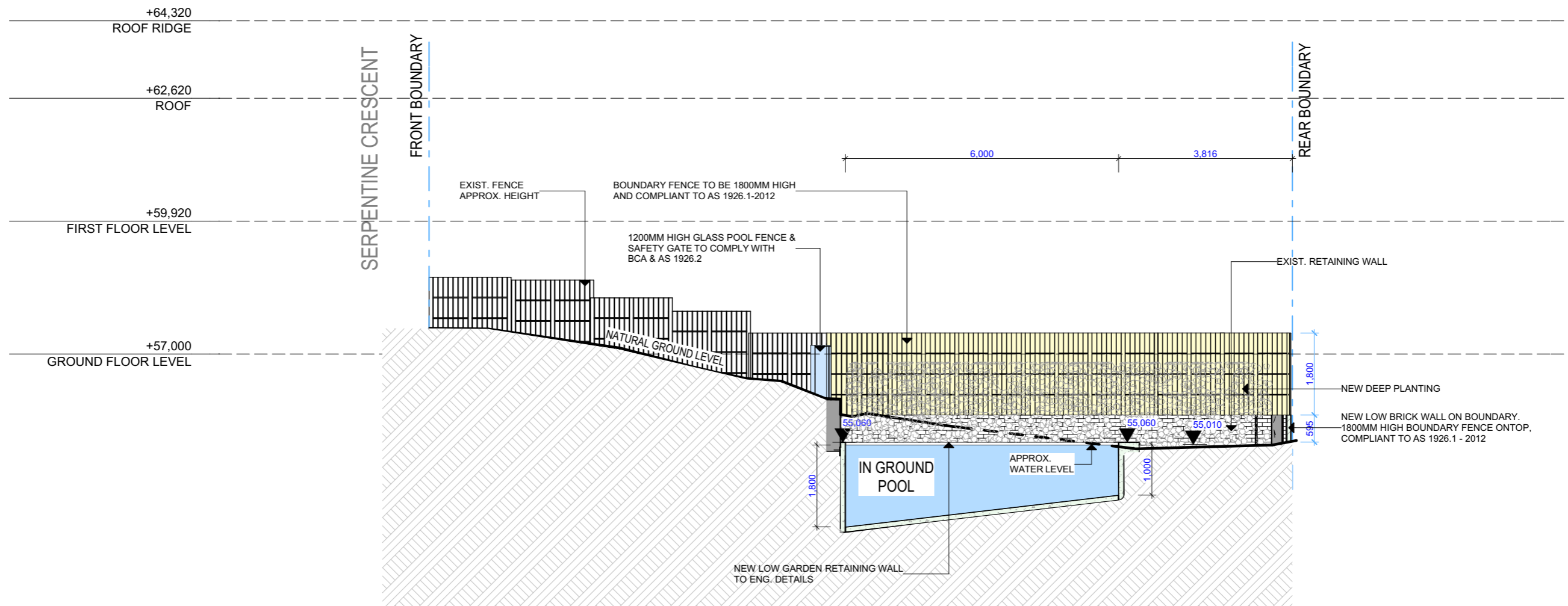
Wednesday, 4  
September 2019

### DRAWING NAME

WEST ELEVATION

### SCALE

1:100 @A3












CC POOL CROSS SECTION

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LEGEND

	TIMBER		METAL ROOFING
	WEATHERBOARD		TILED ROOFING
	FACE BRICKWORK		RENDER
	GLASS		EXISTING
	CONCRETE		

CLIENT

Mr and Mrs Brock

PROJECT ADDRESS

9 Serpentine Crescent,  
North Balgowlah, NSW  
2093

DRAWING NO.

DA13

DATE

Wednesday, 4  
September 2019

DRAWING NAME


POOL CROSS SECTION

SCALE

1:100 @A3

## EXISTING LANDSCAPING AREA

LEGEND

 LANDSCAPED AREA / LANDSCAPED OPEN SPACE  
(Note that landscaped areas with any dimensions less than 2m not included in the plan)

 IMPERVIOUS AREA

 BUILDING FOOTPRINT / BUILDING ENVELOPE

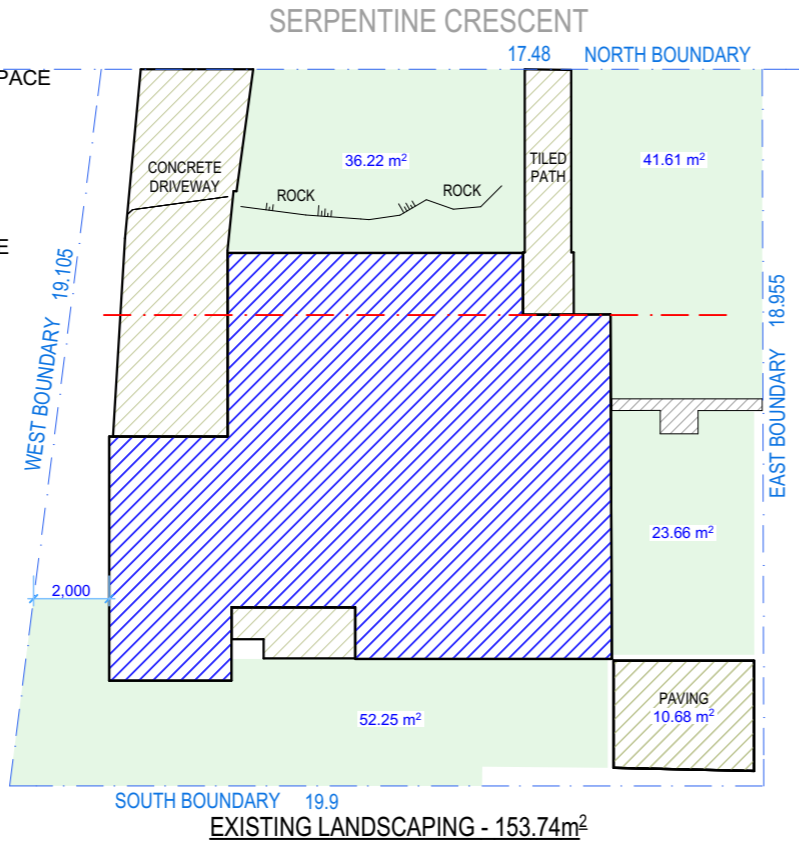
### LANDSCAPED AREA CALCULATION

SITE AREA = 354.2m<sup>2</sup>

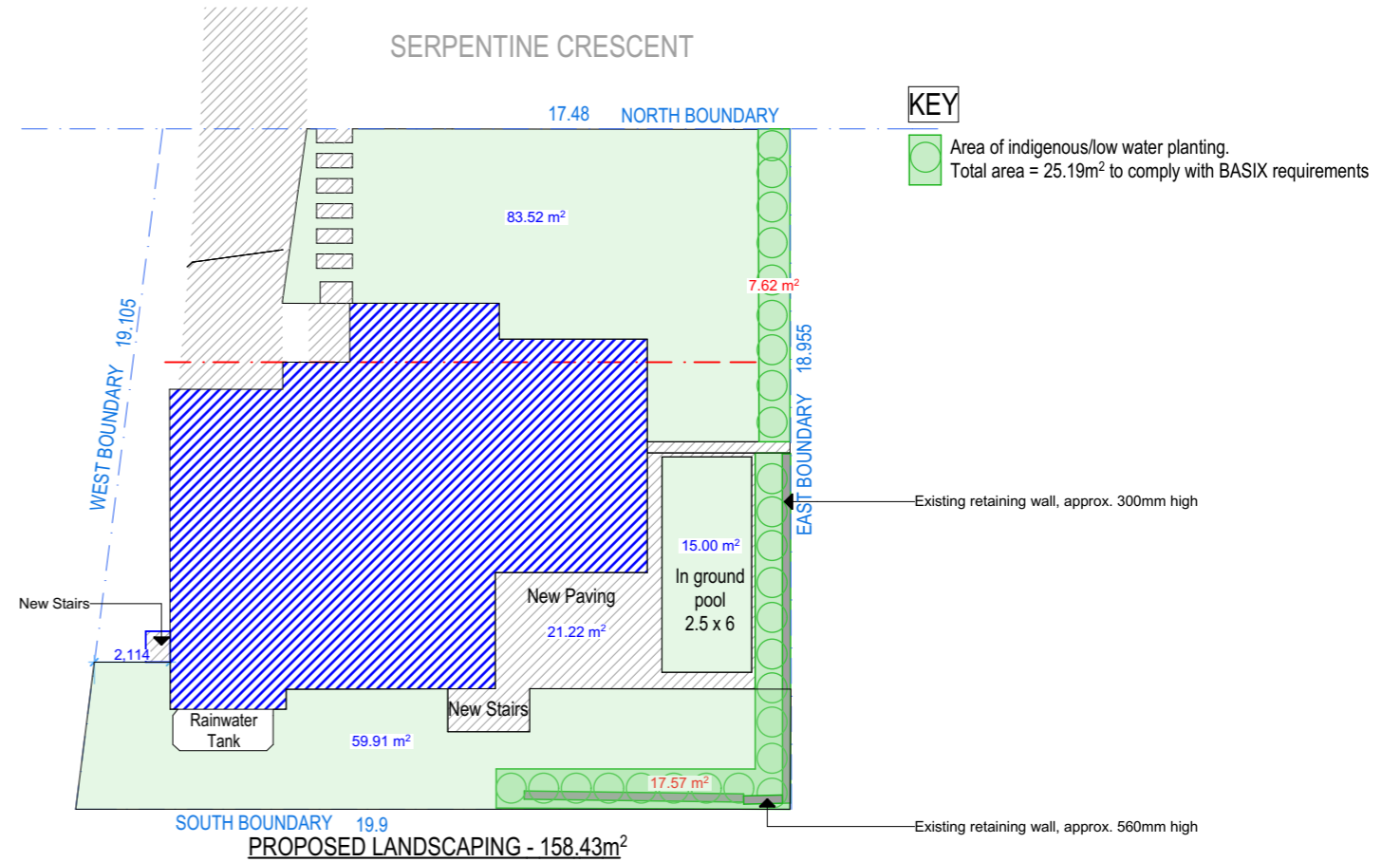
40% minimum landscaped area of site = 141.68m<sup>2</sup>

Existing total area of landscaped open space on the site is 153.74m<sup>2</sup>. This equates to 43.40% of the site area.

Proposed total area of landscaped open space on the site is 158.43m<sup>2</sup>. This equates to 44.72% of the site area.



## PROPOSED LANDSCAPING AREA



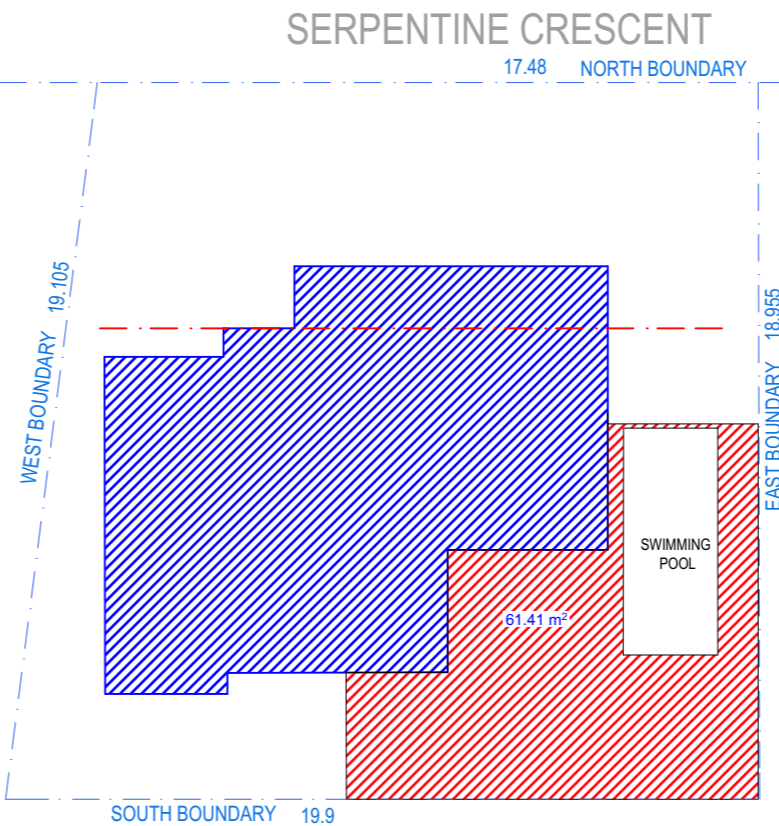
## PROPOSED PRIVATE OPEN SPACE

### LEGEND

 PRIVATE OPEN SPACE BUILDING FOOTPRINT

### Private Open Space Calculations

Minimum requirements is 60m<sup>2</sup> with a minimum dimension of 5 metres.  
Proposed private open space is 61.41m<sup>2</sup> and therefore complies



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e: DonnaBDesigns@outlook.com  
ABN: 24 628 502 321

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## CLIENT

Mr and Mrs Brock

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9 Serpentine Crescent,  
North Balgowlah, NSW  
2093

DRAWING NO.

DA14

DATE \_\_\_\_\_

Wednesday, 4  
September 2019

DRAWING NAME

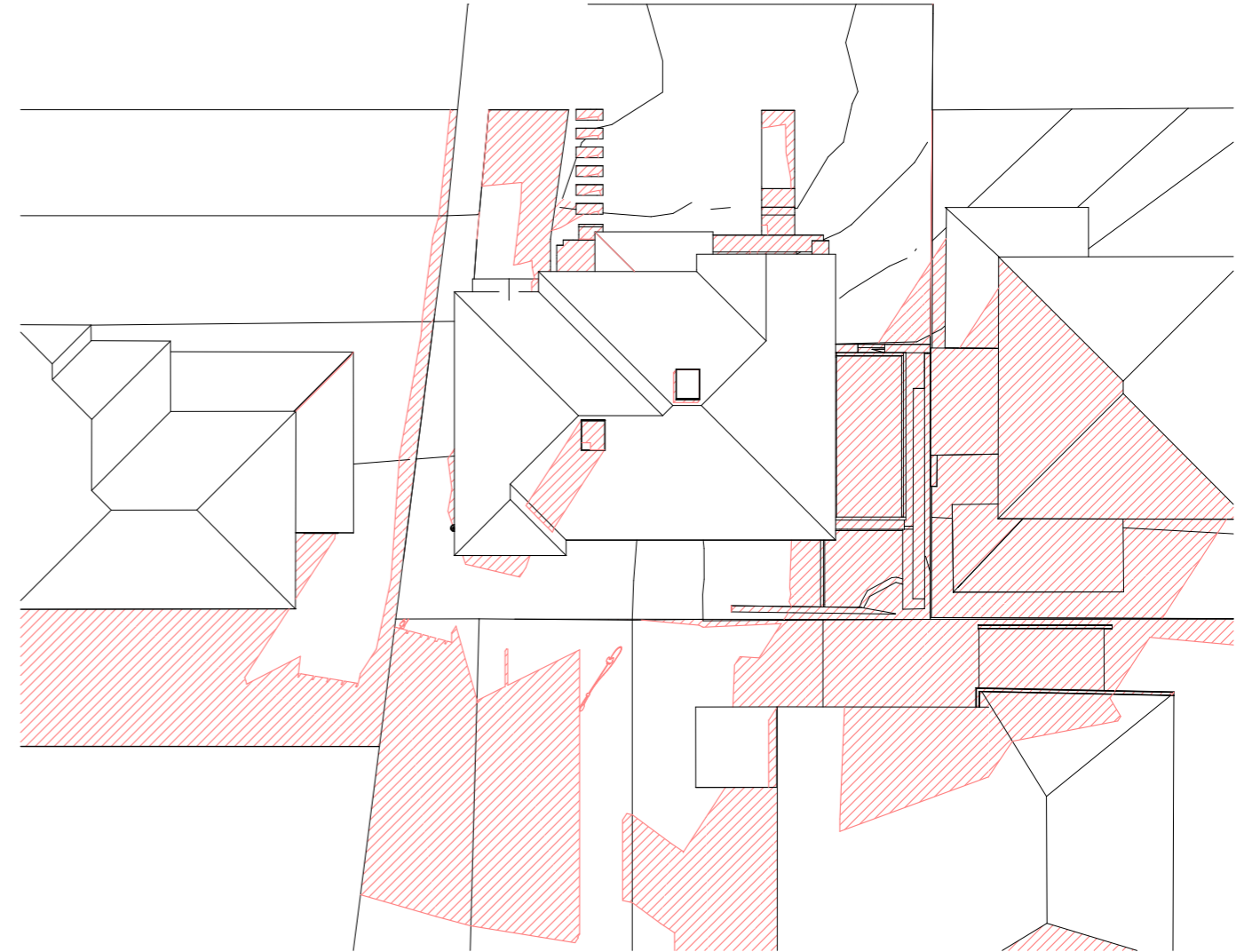
## AREA CALCULATIONS

**SCALE**

1:200 @A3



EXISTING 9am SHADOW





PROPOSED 9am SHADOW

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#### LEGEND

-  PROPOSED SHADOW
-  EXISTING SHADOW

#### CLIENT

Mr and Mrs Brock

#### PROJECT ADDRESS

9 Serpentine Crescent,  
 North Balgowlah, NSW  
 2093

#### DRAWING NO.

**DA16**

#### DATE

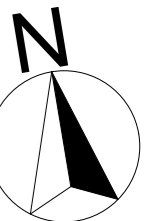
Wednesday, 4  
 September 2019

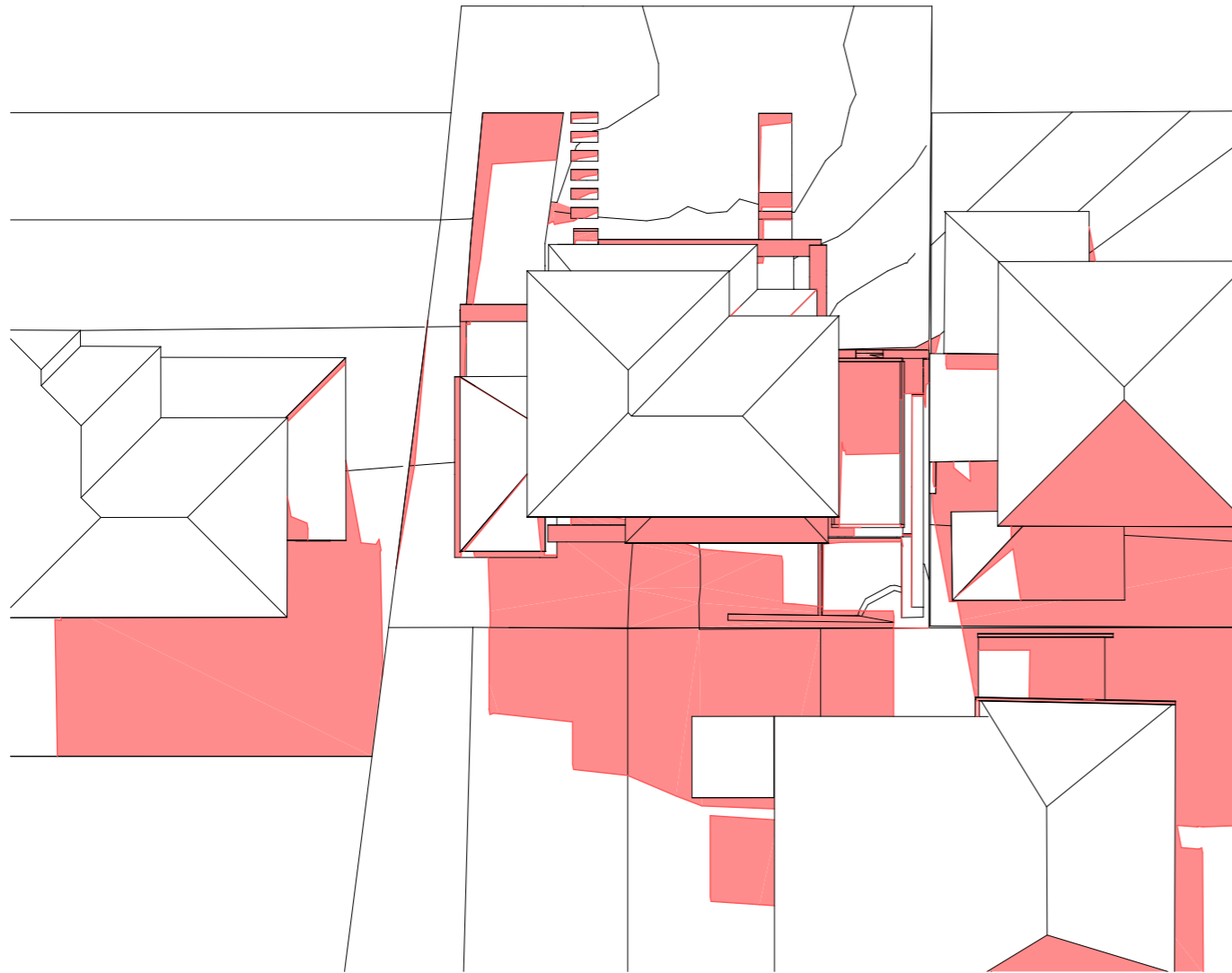
#### DRAWING NAME

WINTER SOLSTICE 9am

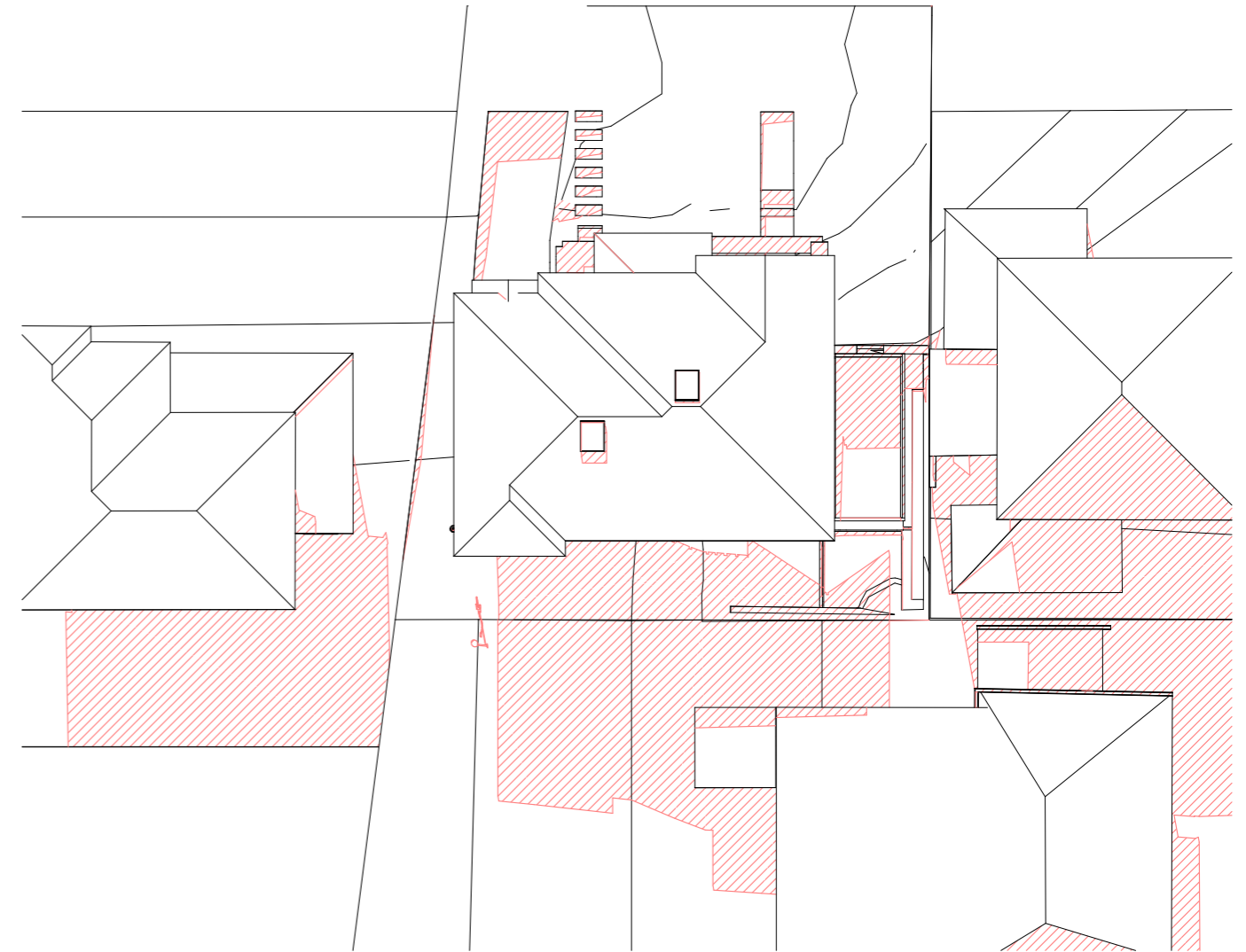
#### SCALE

1:250 @A3





EXISTING NOON SHADOW


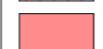


PROPOSED NOON SHADOW

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#### LEGEND

-  PROPOSED SHADOW
-  EXISTING SHADOW

#### CLIENT

Mr and Mrs Brock

#### PROJECT ADDRESS

9 Serpentine Crescent,  
 North Balgowlah, NSW  
 2093

#### DRAWING NO.

**DA17**

#### DATE

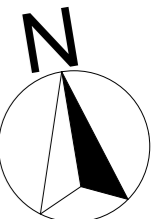
Wednesday, 4  
 September 2019

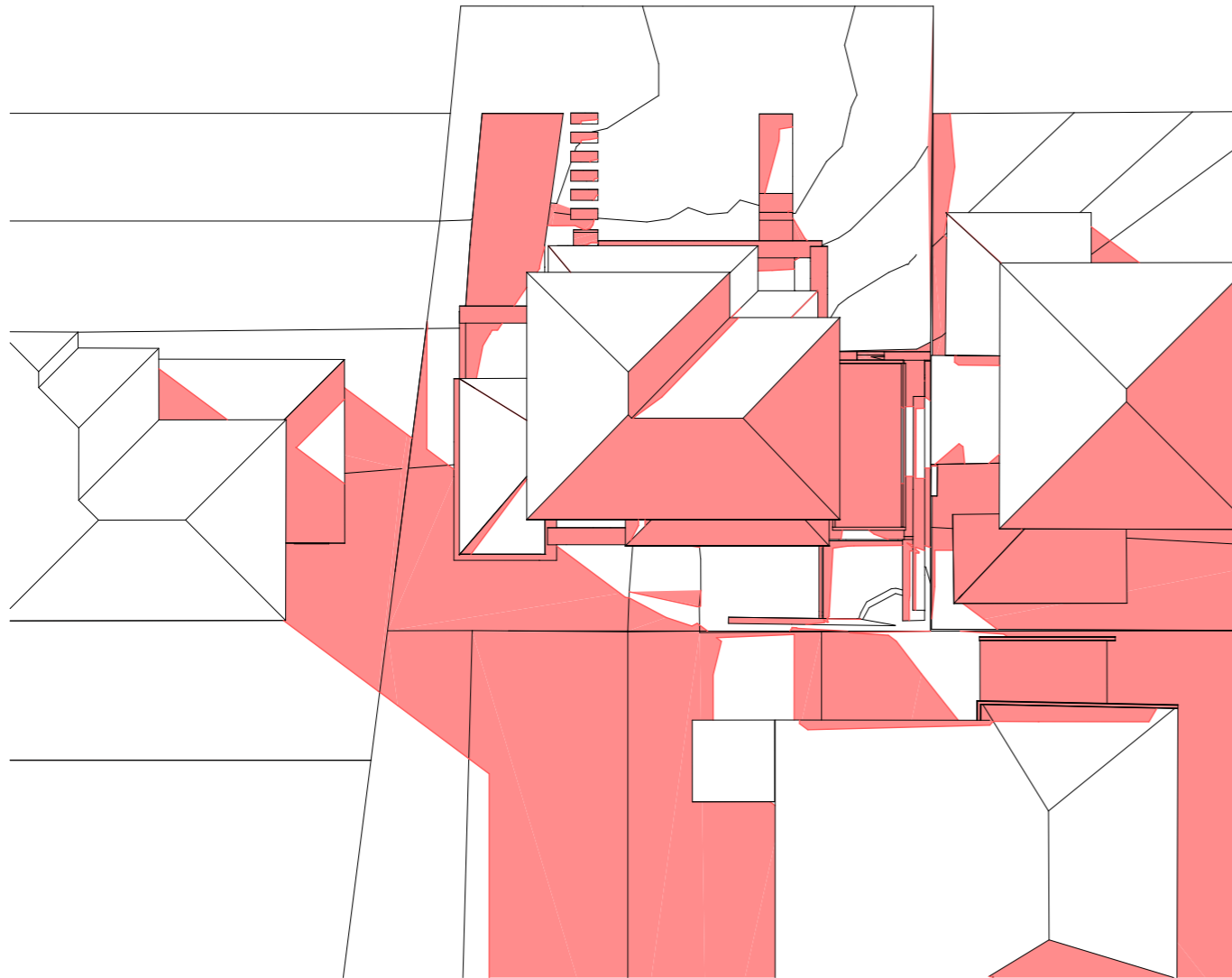
#### DRAWING NAME

WINTER SOLSTICE 12pm

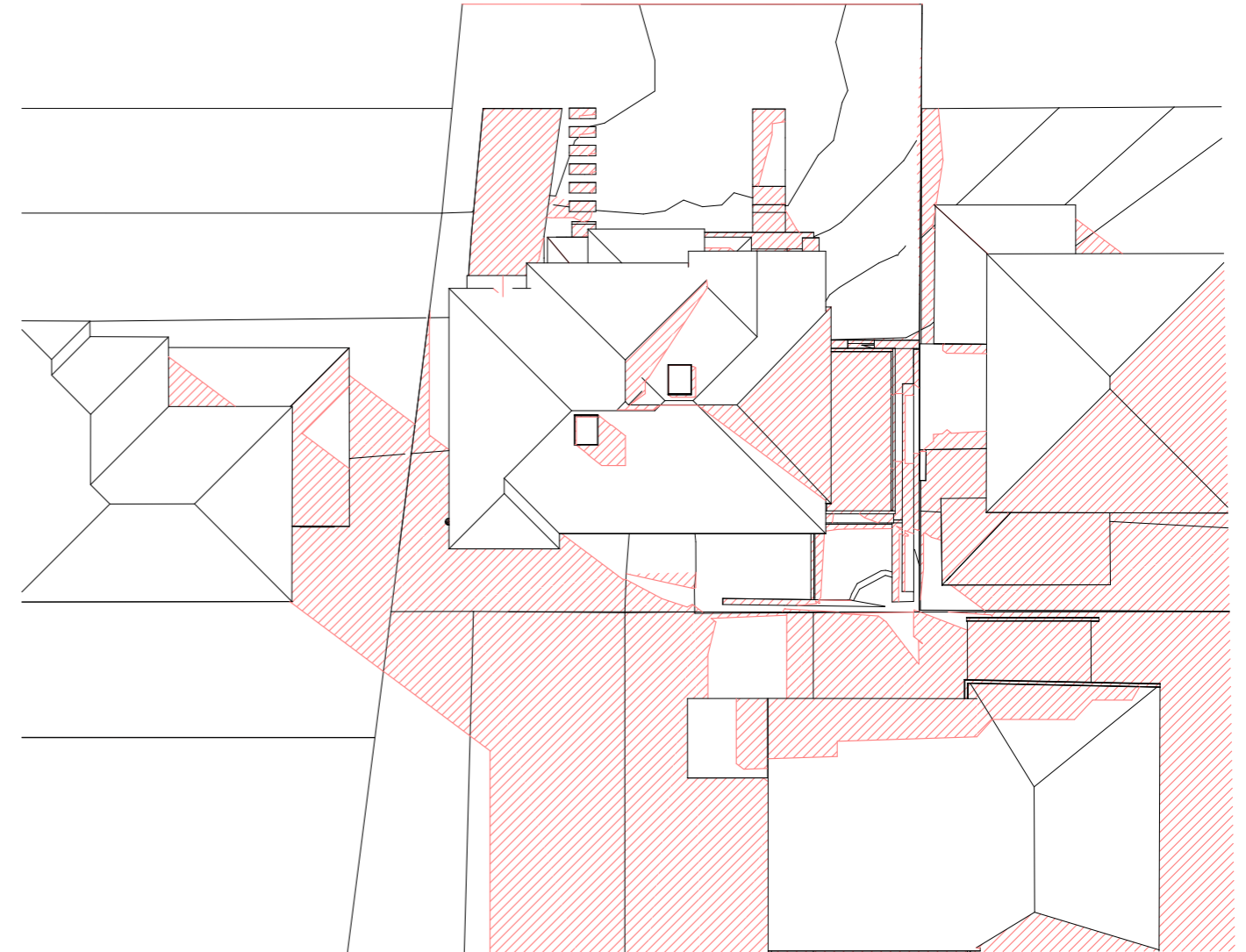
#### SCALE

1:250 @A3





EXISTING 3pm SHADOW





PROPOSED 3pm SHADOW

#### NOTES

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#### LEGEND

-  PROPOSED SHADOW
-  EXISTING SHADOW

#### CLIENT

Mr and Mrs Brock

#### PROJECT ADDRESS

9 Serpentine Crescent,  
 North Balgowlah, NSW  
 2093

#### DRAWING NO.

**DA18**

#### DATE

Wednesday, 4  
 September 2019

#### DRAWING NAME

WINTER SOLSTICE 3pm

#### SCALE

1:250 @A3

