

Contact Us	
The General Manager, 725 Pittwater Road, Dee Why NSW 2099 or Customer Service Centre, Northern Beaches Council DX9118 Dee Why	
Email	council@warringah.nsw.gov.au
Fax	9942 2606
If you need help lodging your application call Customer Service on (02) 9942 2111 or come in and talk to us at the Civic Centre, Dee Why.	

Office Use Only									

Part 1: Declaration

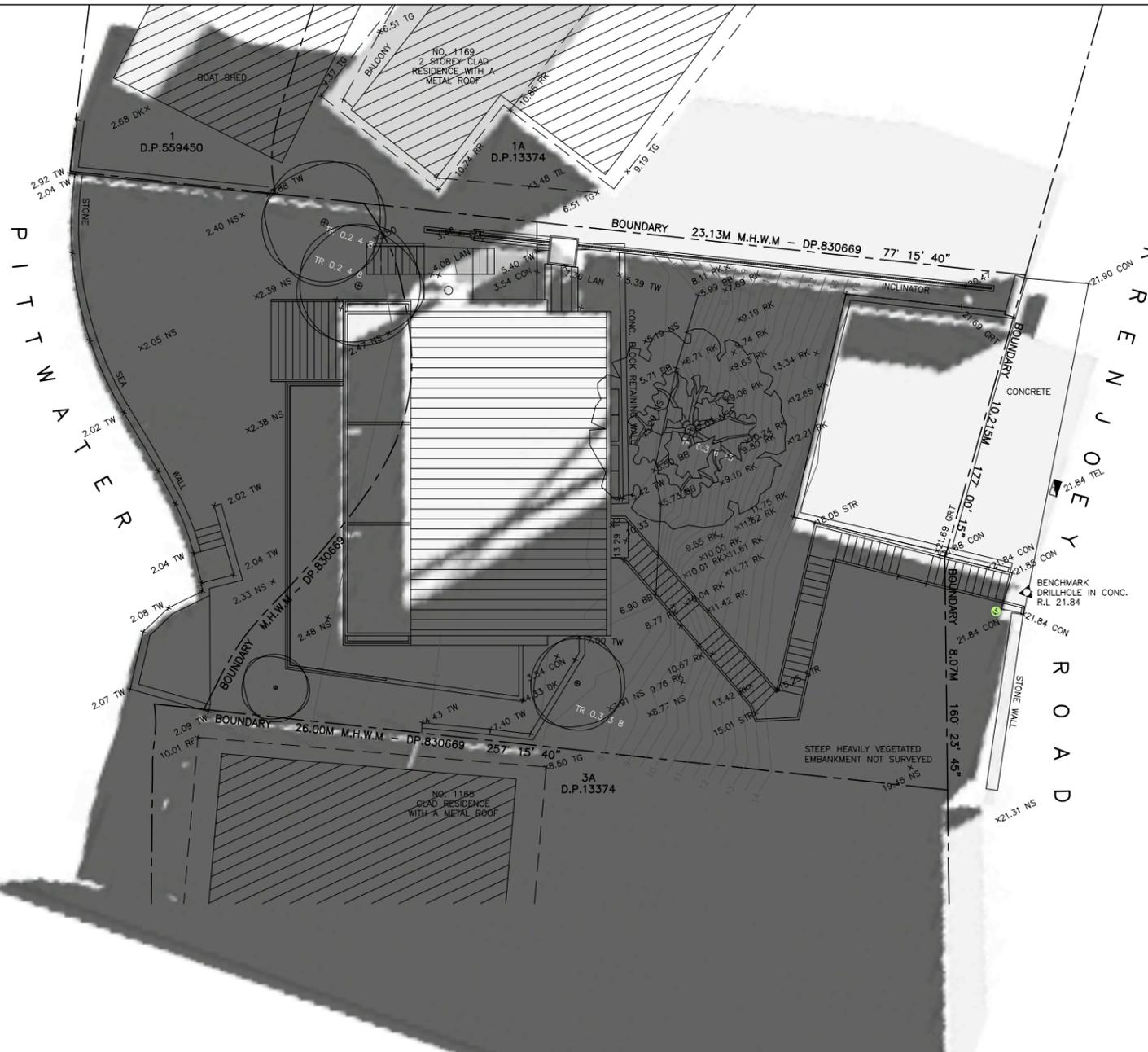
1. DECLARATION	
I hereby certify that the shadow diagrams submitted with the proposal at	
Address	1167 BARRENJOEY ROAD PALM BEACH, NSW 2108
For the erection of <i>Description of development</i>	PROPOSED ADDITIONS AND ALTERATIONS TO AN EXISTING SINGLE DWELLING AND
<ul style="list-style-type: none"> In accordance with the survey (prepared by a registered surveyor) which is required to be submitted with the application Drawn to true north Indicate shadow cast by the proposal at 9am, noon, 3pm, 21 June To indicate the shadow cast by existing buildings and structures on the site and in the surrounding area 	

Part 2: Certification

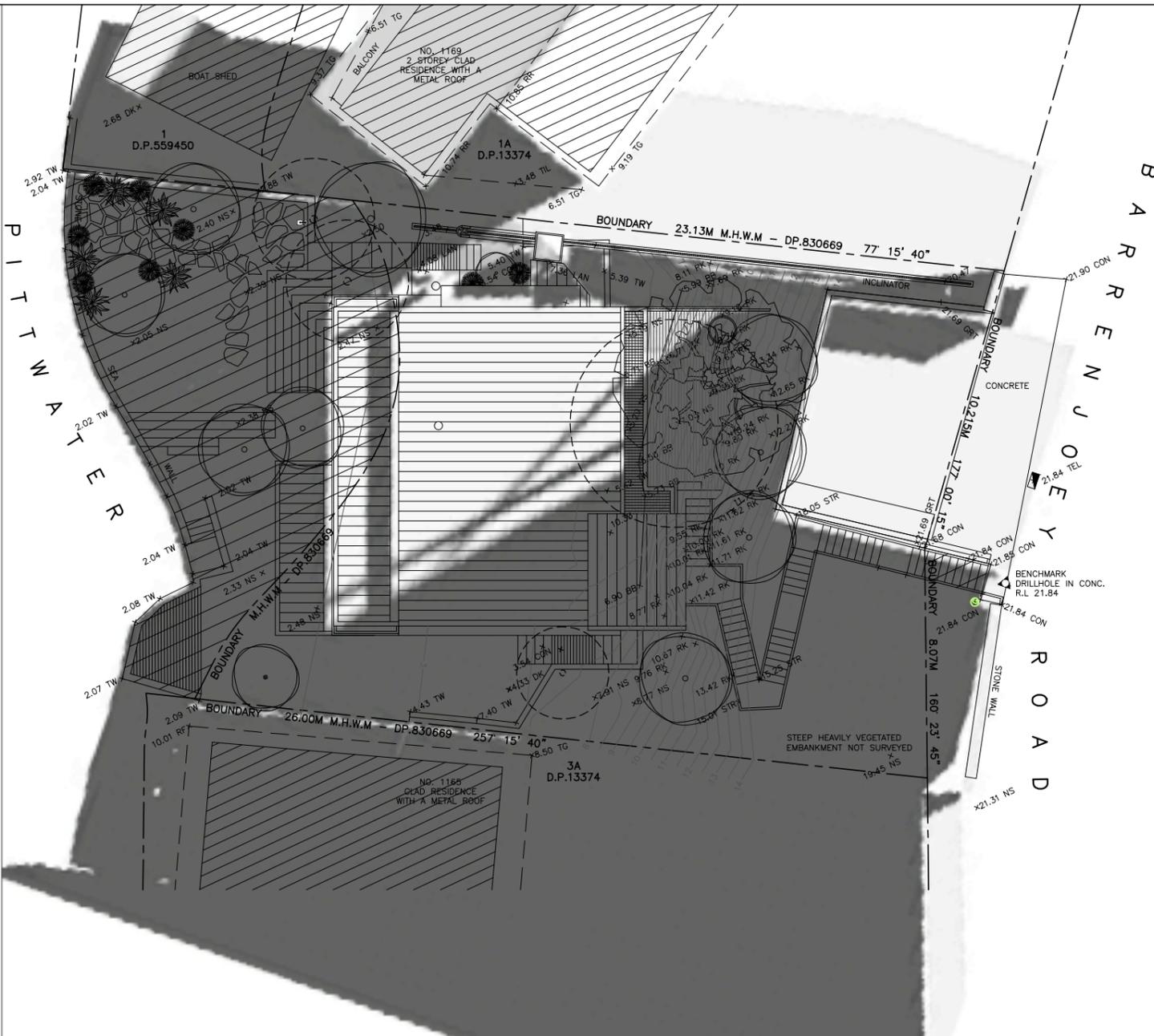
2. CERTIFIER	
Title	<input type="radio"/> Mr <input type="radio"/> Mrs <input type="radio"/> Ms <input type="radio"/> Other
Full family name (no initials) (or Company)	JUSTIN LONG DESIGN
Full given names (no initials) (or A.C.N)	JUSTIN LONG
Phone	Alternate
Mobile	0413 268 725 Fax
Qualification (i.e. Architect, Planner, Computer Technician, Surveyor)	B.Arch

Part 3: Signature

3. APPLICANT(S) SIGNATURE	
Signature	
Date	22 October 2018



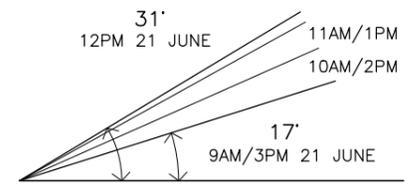
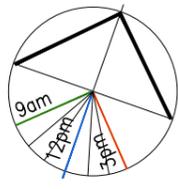
01 SHADOW DIAGRAM
A19 EXISTING: 9AM 1:200



02 SHADOW DIAGRAM
A19 PROPOSED: 9AM 1:200

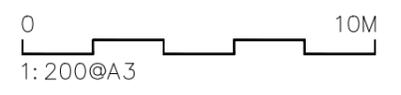
WINTER SOLSTICE - 21ST JUNE		
9AM	12NOON	3PM
17 DEGREES NE	31 DEGREES N	17 DEGREES NW

SHADOW LENGTH CAST BY
 1M HIGH POLE:
 12NOON 20 JUNE - 1.66M
 9AM/3PM 20 JUNE - 3.27M



- VERTICAL SUN ANGLES FOR SYDNEY**
 LATITUDE 35 DEGREES SOUTH
1. MEASURE HORIZONTAL LENGTH OF SHADOW ON GROUND PLANE.
 2. PLACE THIS LENGTH ON SHADOW ALONG THE HORIZONTAL SUN ANGLE ON PROTRACTOR RELATIVE TO NORTH.
 3. MAKE ADJUSTMENTS TO HORIZONTAL ANGLES WITH RESPECT TO THE NORTH ALIGNMENT OF THE SITE.

HORIZONTAL SUN ANGLES FOR SYDNEY
 LATITUDE 35 DEGREES SOUTH
 ANGLES ARE TAKEN FROM MAGNETIC NORTH



1167 BARRENJOEY ROAD, PALM BEACH, NSW
 ALTERATIONS AND ADDITIONS TO AN EXISTING DWELLING
 FOR MICHAEL MILLS

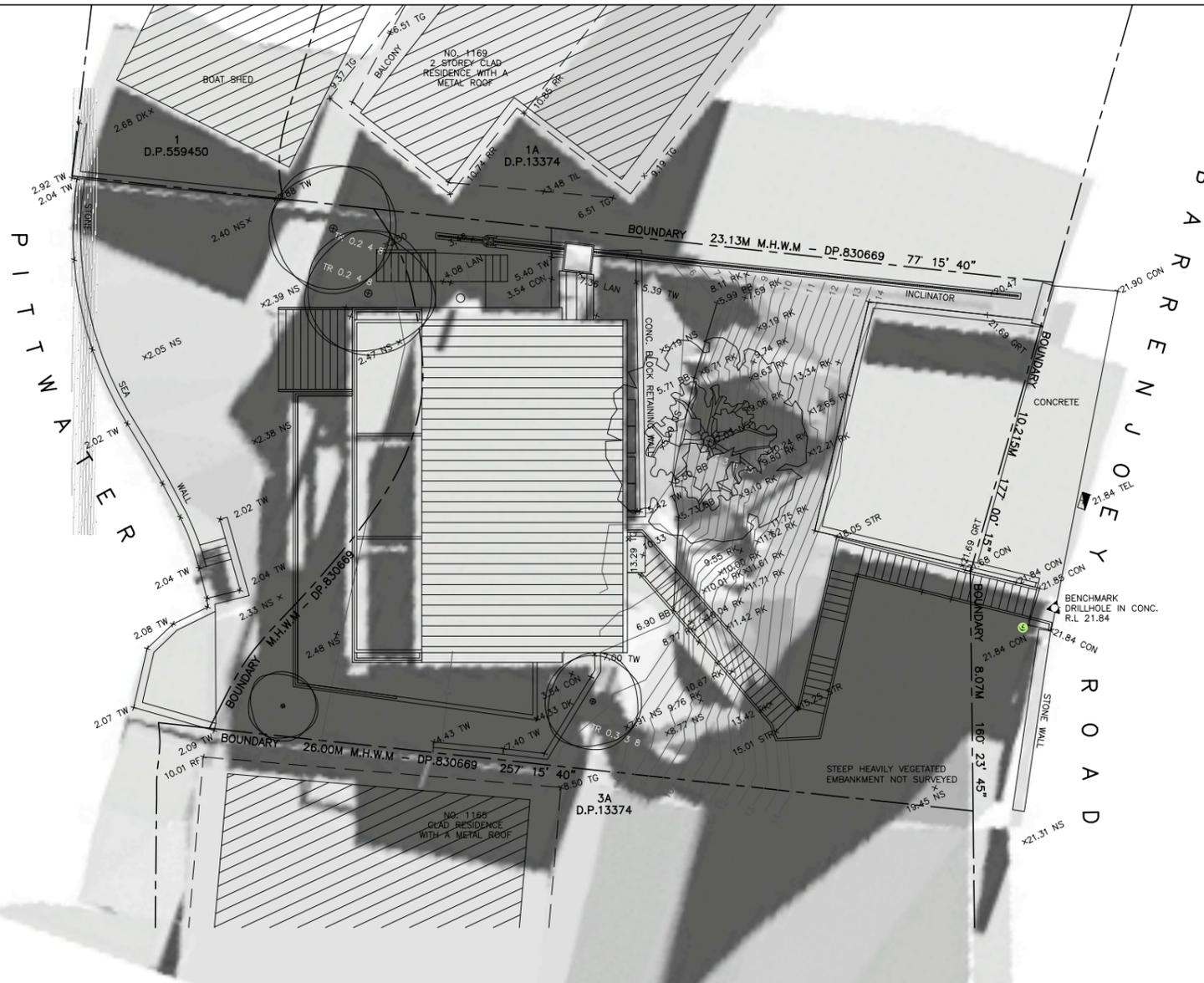
Contractors Must verify all dimensions on site prior to starting any work or making any shop drawings.
 Figured dimensions are to be taken in preference to scale readings. This drawing is copyright and the property of Justin Long Design.

Architectural
Justin Long
 design
 www.jladesign.com.au

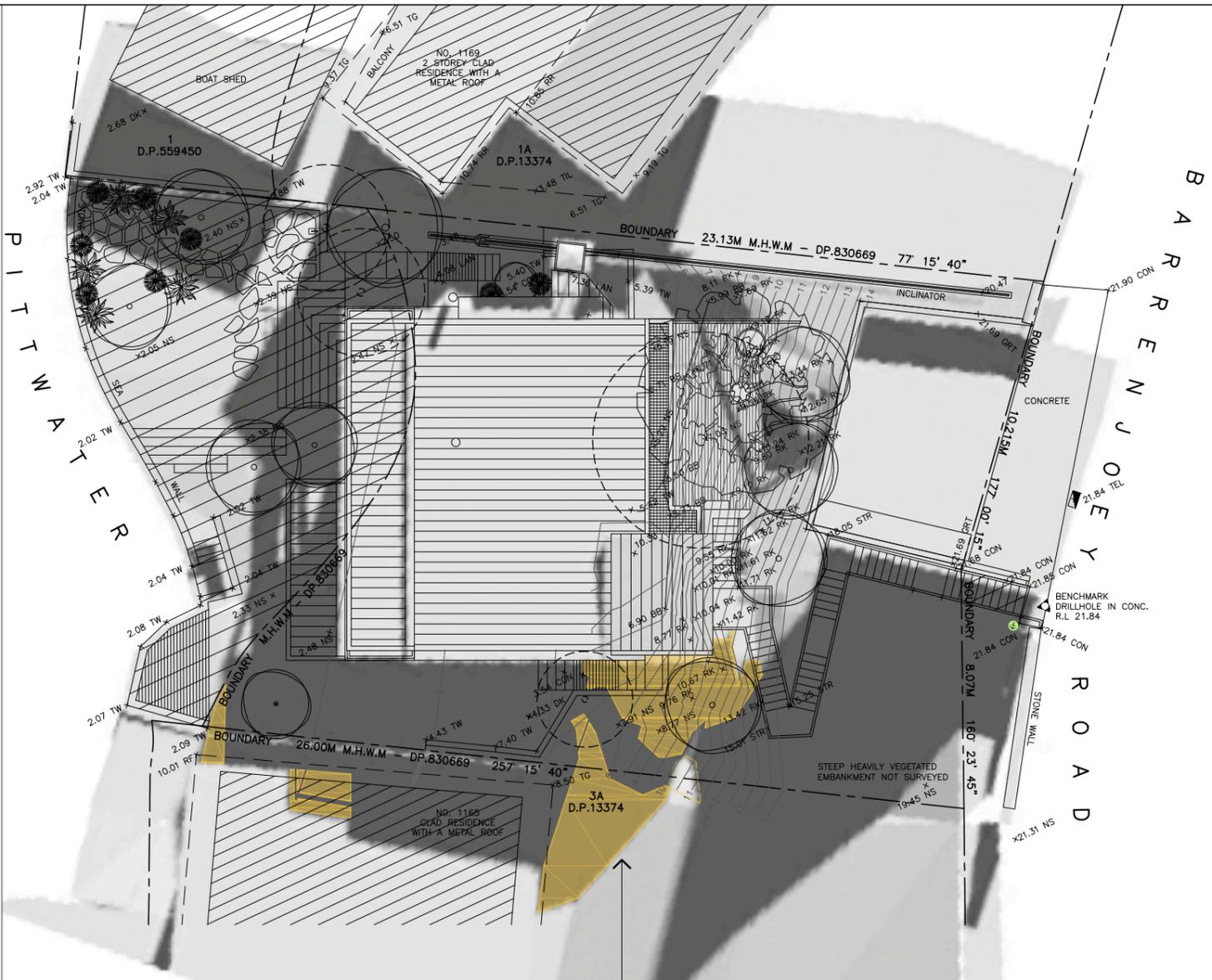
drawn	scale	date	issue	amend
TJ	1:200	19.09.18	DA	-
drawing				
SHADOW DIAGRAM - WINTER SOLSTICE: 9AM				

DA	DA	24.10.18
issue	amendment	date

A19



01 SHADOW DIAGRAM
A20 EXISTING: 12NOON 1:200

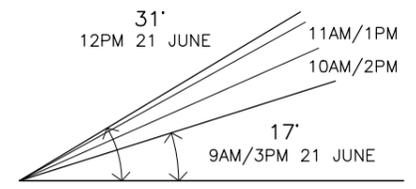
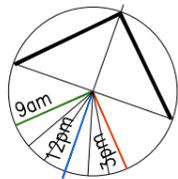


02 SHADOW DIAGRAM
A20 PROPOSED: 12NOON 1:200

EXTENT OF ADDITIONAL OVERSHADOWING CAUSED BY THE PROPOSED ALTERATIONS & ADDITIONS TO 1167 BARRENJOEY ROAD SHOWN SHADED ORANGE

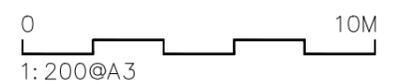
WINTER SOLSTICE - 21ST JUNE		
9AM	12NOON	3PM
17 DEGREES NE	31 DEGREES N	17 DEGREES NW

SHADOW LENGTH CAST BY 1M HIGH POLE:
12NOON 20 JUNE - 1.66M
9AM/3PM 20 JUNE - 3.27M



- VERTICAL SUN ANGLES FOR SYDNEY LATITUDE 35 DEGREES SOUTH**
1. MEASURE HORIZONTAL LENGTH OF SHADOW ON GROUND PLANE.
 2. PLACE THIS LENGTH ON SHADOW ALONG THE HORIZONTAL SUN ANGLE ON PROTRACTOR RELATIVE TO NORTH.
 3. MAKE ADJUSTMENTS TO HORIZONTAL ANGLES WITH RESPECT TO THE NORTH ALIGNMENT OF THE SITE.

HORIZONTAL SUN ANGLES FOR SYDNEY LATITUDE 35 DEGREES SOUTH
ANGLES ARE TAKEN FROM MAGNETIC NORTH



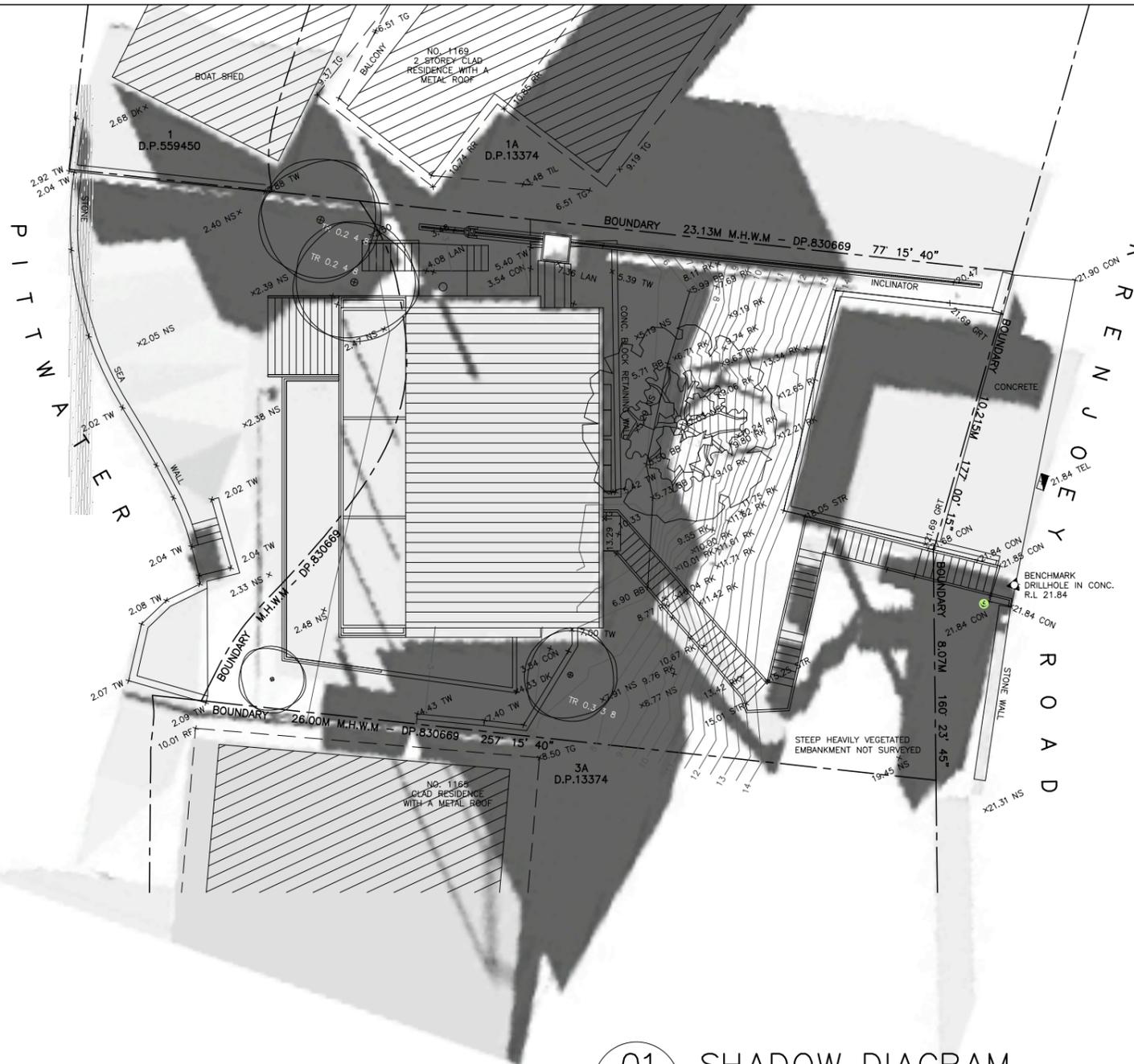
1167 BARRENJOEY ROAD, PALM BEACH, NSW
ALTERATIONS AND ADDITIONS TO AN EXISTING DWELLING FOR MICHAEL MILLS
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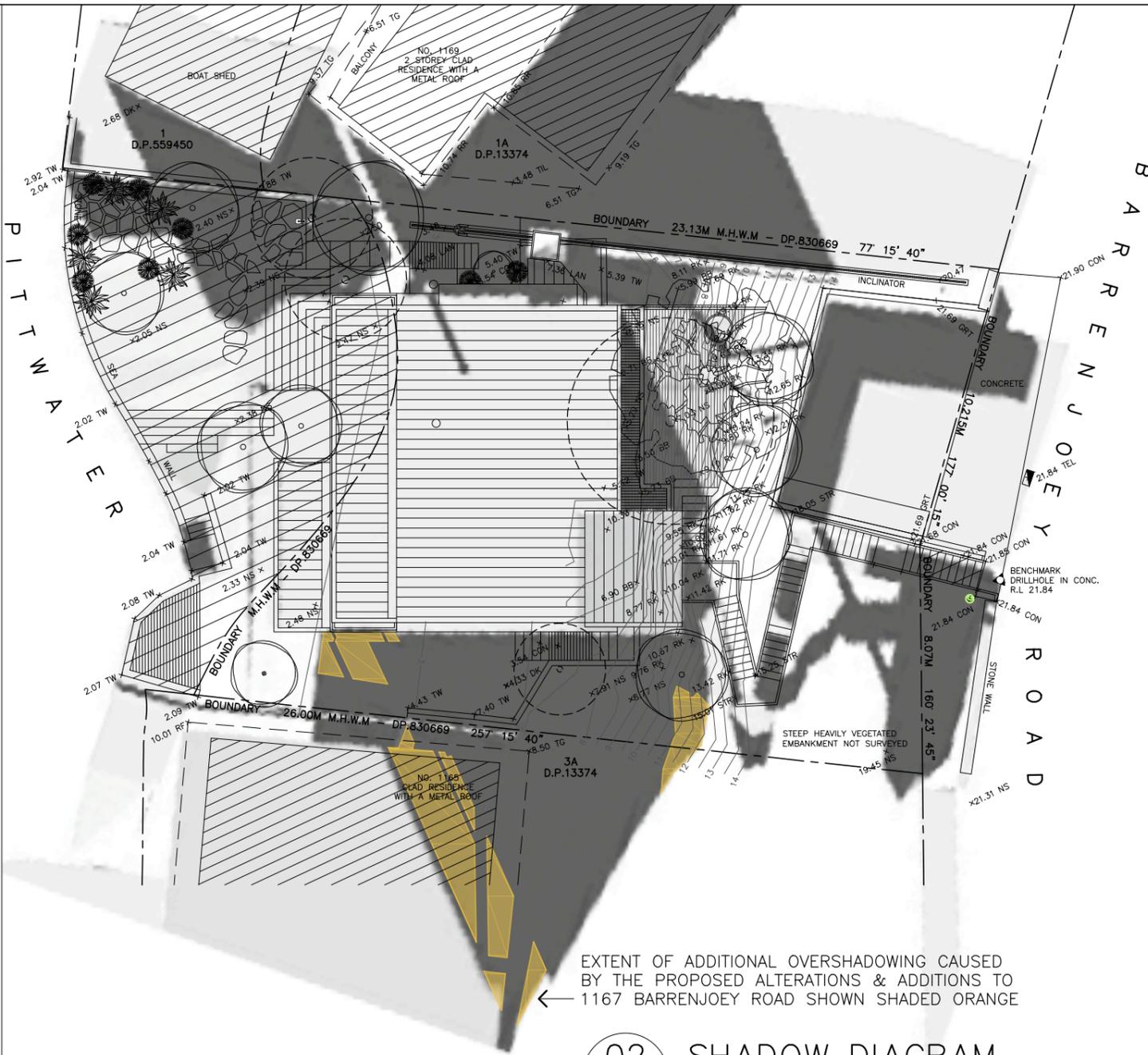
drawn	scale	date	issue	amend
TJ	1:200	19.09.18	DA	-
drawing				
SHADOW DIAGRAM - WINTER SOLSTICE: 12NOON				

DA	DA	24.10.18
issue	amendment	date

A20



01 SHADOW DIAGRAM
A21 EXISTING: 3PM 1:200

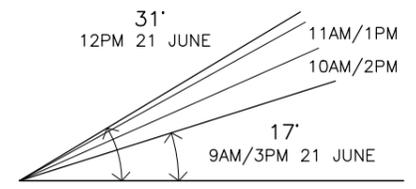
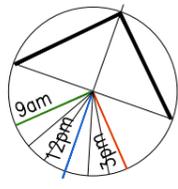


02 SHADOW DIAGRAM
A21 PROPOSED: 3PM 1:200

← EXTENT OF ADDITIONAL OVERSHADOWING CAUSED BY THE PROPOSED ALTERATIONS & ADDITIONS TO 1167 BARRENJOEY ROAD SHOWN SHADED ORANGE

WINTER SOLSTICE – 21ST JUNE		
9AM	12NOON	3PM
17 DEGREES NE	31 DEGREES N	17 DEGREES NW

SHADOW LENGTH CAST BY 1M HIGH POLE:
 12NOON 20 JUNE – 1.66M
 9AM/3PM 20 JUNE – 3.27M

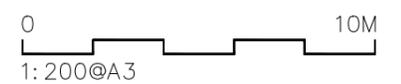


VERTICAL SUN ANGLES FOR SYDNEY
LATITUDE 35 DEGREES SOUTH

1. MEASURE HORIZONTAL LENGTH OF SHADOW ON GROUND PLANE.
2. PLACE THIS LENGTH ON SHADOW ALONG THE HORIZONTAL SUN ANGLE ON PROTRACTOR RELATIVE TO NORTH.
3. MAKE ADJUSTMENTS TO HORIZONTAL ANGLES WITH RESPECT TO THE NORTH ALIGNMENT OF THE SITE.

HORIZONTAL SUN ANGLES FOR SYDNEY
LATITUDE 35 DEGREES SOUTH

ANGLES ARE TAKEN FROM MAGNETIC NORTH



1167 BARRENJOEY ROAD, PALM BEACH, NSW
ALTERATIONS AND ADDITIONS TO AN EXISTING DWELLING
FOR MICHAEL MILLS

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 design
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drawn	scale	date	issue	amend
TJ	1:200	19.09.18	DA	-
drawing				
SHADOW DIAGRAM – WINTER SOLSTICE: 3PM				

DA	DA	24.10.18
issue	amendment	date

A21