



Warringah Council

Certification of Shadow Diagrams

Address the application to:

- The General Manager
Warringah Council
Civic Centre, 725 Pittwater Rd
Dee Why NSW 2099
- Customer Service Centre
Warringah Council
DX 9118
Dee Why

If you need help lodging your application:

- Phone our Customer Service Centre on (02) 9942 2111 or come in and talk to us

Office Use Only

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June 07

PART 1 Declaration

Declaration

I hereby certify that the shadow diagrams submitted with the proposal at:

Address

5 RONALD AVENUE
HARBOR 2096

For the erection of
Description of development

TWO STOREY AND GARAGE

Have been prepared as follows:

- In accordance with the survey (prepared by a registered surveyor) which is required to be submitted with the application;
- Drawn to true - north;
- To indicate shadow cast by the proposal at 9am, noon, 3pm, mid-winter and equinoxes;
- To indicate the shadow cast by existing buildings and structures on the site and in the surrounding area; and
- If applicable elevations of adjoining premises showing existing and proposed shadows.

PART 2 Certification

Certifier

Mr Mrs Ms Other

Full Family name (no initials)
(or Company)

RED ROCK DESIGN

Full Given names (no initials)
(or A.C.N)

RICHARD MONCKTON

Phone () 94607532

Alternate ()

Mobile ()

Facsimile () 94607532

Qualification

BAYONS' TECHNICIAN

(i.e. Architect, Planner, Computer Technician, Surveyor)

PART 3 Applicant Signature

Signature

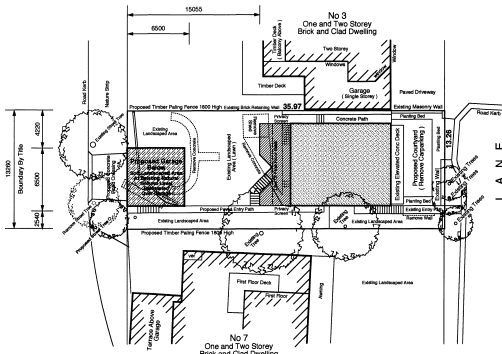
Signature

Date 28/4/08

1 of 1

RONALD AVENUE

LANE

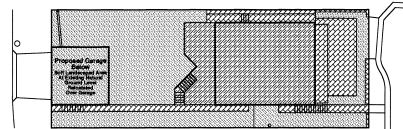


1 SITE & SITE ANALYSIS PLAN Scale 1:200

Lot 8 D.P. 14564

Site Plan Legend

- = Existing Two Storey Dwelling No 5 Ronald Avenue
- = Proposed Ground Floor Party Covered Timber Deck
- = Proposed Double Garage With Reinstitated Landscaped Area Over
- = Existing Surrounding Dwelling Footprints

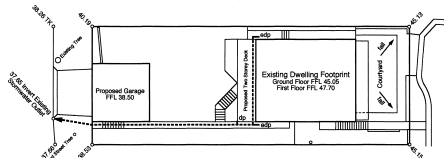


2 SITE COVER PLAN Scale 1:200

Site Cover Legend

- = Proposed Soft Landscaped Area (248.90 m²)
- = Proposed Paved Area (90.00 m²)
- = Proposed Building Footprint (138.00)

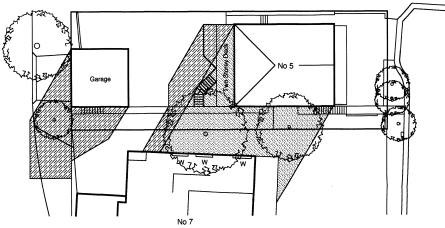
Area Calculations in Square Metres
 Site Area = 475.90
 Proposed Soft Landscaped Area = 248.90 (52 % of Site Area)
 Proposed Built Up Area = 226.90 (48 % of Site Area)



3 CONCEPT DRAINAGE PLAN Scale 1:200

Site Cover Legend

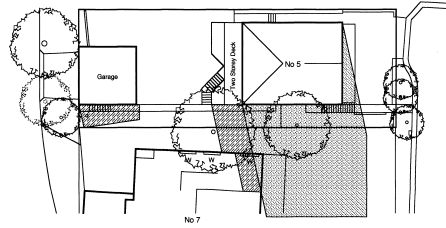
- = Existing Underground Gravity Fed Stormwater Lines
- = Existing Down Pipe Location
- = Proposed Down Pipe Location
- = Existing Site Spot Level



4 SHADOW DIAGRAM (June 21) Scale 1:200

Time : 9 a.m. Azimuth : 43 Degree N.E. Altitude : 18 Degree

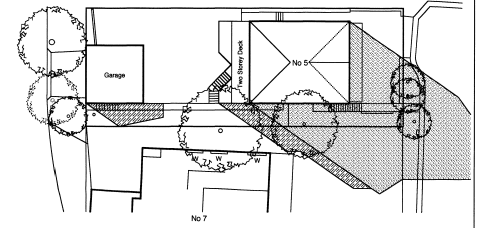
- Shadow Diagram Legend
- = Existing Shadow Plane
 - = Additional Shadowing
 - w = Window Location



5 SHADOW DIAGRAM (June 21) Scale 1:200

Time : Noon Azimuth : 0 Degree N Altitude : 32 Degree

- Shadow Diagram Legend
- = Existing Shadow Plane
 - = Additional Shadowing
 - w = Window Location



6 SHADOW DIAGRAM (June 21) Scale 1:200

Time : 3 p.m. Azimuth : 43 Degree N.W. Altitude : 18 Degree

- Shadow Diagram Legend
- = Existing Shadow Plane
 - = Additional Shadowing
 - w = Window Location

General Notes:
 Detail Level Survey by Geographic Solutions Survey Dated: 22/11/07 Reference No: 987
 & geographicnsolutions@optusnet.com.au mobile: (0417) 214 005 Gary Melway
 This Drawing To Be Read In Conjunction With BASIX Certificate No: A 33454

Issue	Date	Revision
B	23.08	Development Application To Warringah Council
A	5.3.08	Pre Development Application (Warringah Council)

Site Location 5 Ronald Avenue Harbord 2096 NSW		Red Rock design 17/240 Pacific Highway Crows Nest 2055 NSW Tel: Fax: (02) 9460 7032 res@redrockdesign.com.au	
Drawing Title Shadow Diagrams (Winter Solstice & Equinox)	Date April 2008	Scale 1:200 @A1	
Client Philip Johnston	Issue B	Drawing No: 01	