

10 February 2011

General Manager Manly Council PO Box 82 Manly NSW 1655



1

Dear Sir,

Re: Development Application No. 359/09 13A Lodge Street, Balgowlah

For Council's information, please find enclosed Construction Certificate No. 2011/4161 issued for alterations & additions to the existing semi-detached dwelling including first floor addition, ground floor extension, deck, carport & landscaping at the above address, accompanied by:

- Copy Construction Certificate application form
- Notice of Commencement of Work and Appointment of Principal Certifying Authority
- Home Warranty Insurance Certificate
- Cheque for \$30.00 being the prescribed fee to receive the above certificate.

NB: Please forward receipt for the above fee to Insight Building Certifiers Pty Ltd, PO Box 326, Mona Vale 1660.

Yours faithfully

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Stephen Pinn Insight Building Certifiers Pty Ltd

\$30.00 R/ 753889 Mr 14/2/2011



Construction Certificate Determination

issued under the Environmental Planning and Assessment Act 1979 Section 109C (1) (b): 81A (2) and 81A (4)

Certificate No. 2011/4161

Council	Manly
Determination	Approved
Date of issue	10 February 2011
Subject land	
Address	13A Lodge Street, Balgowlah
Lot No, DP No.	Lot 151 DP 1117653
Applicant	
Name	Mr David Jaggers
Address	13A Lodge Street, Balgowlah NSW 2093
Contact No.	8297 3500 / 0425 224 174
Owner	
Name	Mr David Jaggers & Ms Sarah Kirkham
Address	13A Lodge Street, Balgowlah NSW 2093
Contact No.	8297 3500 / 0425 224 174
Description of Development	
Type of Work	Alterations & additions to an existing semi-detached dwelling including first floor extension, deck, carport
	& landscaping
Builder or Owner/Builder	
Name	PN & JE Shaw 🔨
Contractor Licence No/Permit	197691 <i>C</i>
Value of Work	
Building	\$300,000.00
Attachments	
 Copy of completed Construction Cer 	tificate Application Form
) for payment of Long Service Levy & Security Deposit
	f Manly Council, dated 14 October 2010
• BASIX Certificate no. A103669 da	and a second

Suite 13/90 Mona Vale Road Mona Vale NSW 2103 PO Box 326 Mona Vale NSW 1660 ph: 9999 0003 fax: 9979 1555 email: info@insightcert.com.au web: www.insightbuildingcertifiers.com.au ABN 54 115 090 456

Plans & Specifications certified

The development is to be carried out in compliance with the following plans and documentation listed below and endorsed with *Insight Building Certifiers* stamp.

1

- Architectural Plans including Party Wall Details, Erosion & Sediment Control Details & Construction Specification, reference no. 0208, drawing nos. CC01, CC02 & CC03, issue A, prepared by Jaggers Kirkham Architects Pty Ltd, dated January 2011
- Structural Details, reference no. MX0152, drawing nos. 51-00, 52-00, 53-00 & 54-00, all revision A, prepared & endorsed by Simpson Design Associates Consulting Engineers, dated 26 November 2010
- Landscape Plan, reference no. CC01, revision B, prepared by Sue Barnsley Design, dated 13 October 2010
- Dilapidation Report on Council Assets, reference no. DR-01, prepared by David Jaggers, dated January 2011
- Structural Adequacy Certificate, reference no. MX0152, prepared & endorsed by Simpson Design Associates Pty Ltd, dated 12 January 2011
- Stormwater Management Details, reference no. 090659, drawing no. D01, prepared & endorsed by Northern Beaches Consulting Engineers Pty Ltd, dated July 2009
- Termite Protection Method, reference no. TMP-01, prepared by David Jaggers, dated 1 February 2011
- Waste Management Plan, reference no. WMP-01, prepared by Sarah Kirkham, dated 13 January 2011
- Sydney Water Approval, dated 17 November 2010

Certificate

I hereby certify that the above Plans, documents or Certificates, satisfy:

- The relevant provisions of the Building Code of Australia
- The relevant conditions of this Development Consent

and that work completed in accordance with the documentation accompanying the application for this Certificate (and any modifications as verified by me and shown on that documentation) will comply with the requirements of the Environmental Planning & Assessment Regulation referred to in Section 81A(5) of the Environmental Planning & Assessment Act, 1979.

Signed					
Date of endorsement	1 0 FEB 2011				
Certificate No.	2011/4161				
Certifying Authority					
Name of Accredited Certifier	Stephen Pinn				
Accreditation No.	BPB0326				
Accreditation Authority	Building Professionals Board				
Contact No.	(02) 9999 0003				
Address	13/90 Mona Vale Road, Mona Vale NSW 2103				
Development Consent					
Development Application No.	359/09				
Date of Determination	16 February 2010				
BCA Classification	1a & 10a				

Suite 13/90 Mona Vale Road Mona Vale NSW 2103 PO Box 326 Mona Vale NSW 1660 ph: 9999 0003 fax: 99791555 email: <u>info@insightcert.com.au</u> ABN 54 115 090 456

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De Applicance declaration as a sub-

I apply for a Construction Certificate to carry out building works as described in this application. I declare that the above Development Consent is valid and that no building works associated with this application have commenced. To the best of knowledge, all the information in this application and checklist is true and correct.

Signature Date 18/1/2011 1 Juico

SUBMISSION REQUIREMENTS

A. <u>GENERAL</u>

Are the plans submitted with the Construction Certificate Application in accordance with the Development Consent?

Yes 🗹 🛛 No 🗔

Have all the conditions of Development Consent relating to the issue of the Construction Certificate been fully complied with?
--

Yes No 🗌

If you have answered	NO to	either	of the	above	questions,	then	you	will	need	to	speak	with	the	Accredited	Certifier
BEFORE LODGING YO	UR APP	PLICAT	ION.												

B. ALL PROPOSALS (has the following required information been submitted?)

		Not	In the case of an application for a Construction Certificate for
Yes	No	Applicoble	building work:
$\mathbf{\nabla}$			Three (3) copies of detailed architectural plans and specifications
			 The plan for the building must consist of a general plan drawn to a scale not less than 1:100 and a site plan drawn to a scale not less than 1.200. The general plan of the building is to: a) show a plan of each floor section b) show a plan of each elevation of the building c) show the levels of the lowest floor and of any yard or unbuilt on area belonging to that floor and the levels of the adjacent ground d) indicate the height, design, and full construction details e) indicate the provision for fire safety and fire resistance (if any)
			Where the proposed building work involves any alteration or addition to, or rebuilding of, an existing building, all copies of the general plan are to be coloured or otherwise marked to the satisfaction of the Council to adequately distinguish the proposed alteration, addition or rebuilding with a separate letter listing the proposed changes being submitted.
			 3 copies of a specification: a) to describe the construction and materials of which the building is to be built and the method of drainage, sewerage and water supply b) state whether the materials proposed to be used are new or second hand and give particular
			Where the proposed building work involves a modification to previously approved plans and specifications the general plans must be coloured or otherwise marked to the satisfaction of the Accredited Certifier to adequately distinguish the modification.
			If the proposed building work involves a modification to previously approved plans and specification which were subject of a Development Consent, has the original Development Consent been modified by Council?
			 Except in the case of an application for, or in respect of domestic building work: a) a list of any fire safety measures that are proposed to be implemented in the building or on the land on which the building is situated, and b) if the application relates to a proposal to carry out any alteration or rebuilding of, or addition to, an existing building, a separate list of such of those measures as are currently implemented in the building or on the land on which the building or on the land on which the building is situated. This list must specify the standard of design of each of those fire safety measures to which they were originally installed. c) This list must describe the extent, capability and basis of design of each of the measures concerned.
	í 🗆	\Box	Copy of BASIX Certificate & Schedule of BASIX Commitments.
		I	Copy of signed BASIX Compliance Statement.
			All other documentation to satisfy conditions of Development Consent.

HOME BUILDING ACT 1989 (as amended) OWNER/BUILDER REQUIREMENTS

Applicants for work at a residential property with a value of work over \$12,000 require insurance as specified in the Home Building Act 1989.

Owner Builders require Property Owner Builder's Permit issued by the Department of Fair Trading for all projects over \$5,000. In addition to this permit all projects valued in excess of \$12,000 may also require a contract of insurance under the provisions of the Home Building At 1989 as amended. This requirement will take effect should the property owner offer the property for sale in the ensuing period of 7 years.

Enquiries on any matters relevant to this section should be taken up with the Department of Fair Trading at Level 21, Astra House, 227 Elizabeth Street, Sydney (ph: 133220).

LONG SERVICE LEVY (applies to all classes of buildings)

A Long Service Levy at 0.35% of the cost of works is payable on projects valued \$25,000 or more. This sum can be paid directly to the Long Service Payments Corporation or to Council acting as an agent to the Corporation. Partial exemption from the levy may be granted to non profil organizations, churches and to owner/builders. The levy may also be paid in instalments. Application forms for these exemptions are available from Council but all enquiries in this regard should be address to the Long Service Payments Corporation.

THE CONSTRUCTION CERTIFICATION CANNOT BE ISSUED UNLESS THE LONG SERVBICE LEVY AND HOME BUILDING ACT 1989 INSURANCE (APPLICABLE TO RESIDENTIAL PROPERTIES) HAVE BEEN PAID, OR EVIDENCE OF THE EXEMPTION PROVIDED TO COUNCIL.

PARTICULARS OF THE PROPOSAL	99.798.787 199.797 199.797 199.797 199.7 199.7 199. 199.					
What is the area of the lond (m²)?	Gross floor area of building (m^2) as proposed:					
450.2 m²	200 sqm					
What are the current uses of all or parts of the building(s)/land? DUTELLUNG HOUSE	Location: 13 A Lodge Street bolgon luh Use: Almdurtur					
Does the site contoin a dual occupancy?	What is the gross floor area of the proposed addition or new building (sq metres)? 96 59m					
What are the proposed uses of all parts of the building(s land? OWELLING KORE	Number of pre-existing dwellings:					
Number of dwellings to be demolished:	How many dwellings proposed?					
How many storeys will the building consist of?	Will the new building be attached to the existing building?					
2	Will the new building be attached to any new building?					

MATERIALS TO BE USED

The following information must be supplied for the Australian Bureau of Statistics:

Place a tick ($\sqrt[4]{}$) in the box which best describes the materials the new work will be constructed of:

WALLS Brick veneer	FLOOR Concrete	ROOF Aluminium		FRAME Timber	
Full brick	Timber	Concrete		Steel	
Single brick	Other	Concrete tile		Other	
Concrete block	Unknown	Fibrous cement		Unknown	
Concrete/masonry		Fibreglass			
Concrete		Masonry/terracotta shingle			
Steel		Tiles			
Fibrous cement		Slate	\Box		
Hardiplank	r	Steel .	\checkmark		
Timber/weatherboard		Terracotta tile	\Box_{i}		
Cladding-aluminium		Other	\checkmark		
Curtain glass		Unknown			
Other					
Unknown					

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NOTICE OF COMMENCEMENT OF BUILDING WORK AND APPOINTMENT OF PRINCIPAL CERTIFYING AUTHORITY (PCA)

1. Subject lar	nd details
No. 134	Lot No. 151 DP No. 1117653
Street Name	Suburb Post Code
LODG	
Description of A	ipproved Development
ALAERA	
2. Other cons	ent(s)
Council DA	or Complying Consent No. 359 09 Date of Determination 16 2 10
3. Construct	on Certificate or Complying Development Certificate details
Certificate No.	2011 4161 Date of Issue 10 FEB 2011
4. Principal C	ertifying Authority details
	tifier: Tom Bowden Accreditation No: BPB0042 lifier: Stephen Pinn Accreditation No: BPB0326
	ding Act 1989 requirements
Has the Principal of the Home Bui	Certifying Authority been provided with a copy of the Home Warranty Insurance Certificate under Part 6
	No
6. Date buildi	ng work is to commence
Date 15	FEB 2011
7. Builder's d	etails
Builder's Name	PN + JE SHAW BUILDORS Licence No. 197691C
Address	18 ELVINA AVENUE Téléphone No. 8919.0007
	AVALON NSW 2107
8. Applicant's	s declaration & signature
	ersons having the benefit of the Development Consent or Complying Development Certificate for the proposed I/we confirm that I/we am/are not the principal building contractor(s) for this project.
	ons been satisfied prior to the commencement of work?
Yes V	No (Conditions may include payment of security deposits, Section 94 Contributions, endorsement of building work plans by Water Supply Authority, LSD Contributions)
Name	Date
Construction of Weard Address	146600CS + SARAH RUCKHAM 18 /1 /2011
Signature(s)	in the And Malan
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Please also sign back of form ...

Home Warranty Insurance **Certificate of Insurance**



Home Warranty Insurance Fund

Level3, 85 Harrington St SYDNEY NSW 2000 Phone: 1300790723 Fax: 0282759330 ABN: 78 003 191 035 AFS License No: 239545



Policy Number BN-0028603-BWI-3

13A LODGE ST BALGOWLAH NSW 2093

DAVID & SARAH KIRKHAM-JAGGERS Name of Intermediary MBA INSURANCE SERVICES PTY LTD

Account Number BN-0004023

Date Issued: 24/01/2011

Policy Schedule Details

Certificate in Respect of Insurance

Residential Building Work by Contractors

A contract of insurance complying with sections 92 and 96 of the Home Building Act 1989 has been issued by QBE Insurance (Australia) Limited as agent for and on behalf of the NSW Self Insurance Corporation (SICorp) (ABN 97 369 689 650) who is responsible for management of the Home Warranty Insurance Fund.

In Respect of	ALTERATIONS AND ADDITIONS STRUCTURAL
At	13A LODGE STREET BALGOWLAH NSW 2093
Carried Out By	BUILDER PN & JE SHAW ABN: 28 353 563 941
Declared Contract Price	\$300,000.00
Contract Date	31/01/2011
Builders Registration No.	U 197691C
Building Owner / Beneficiary	DAVID & SARAH KIRKHAM-JAGGERS

Subject to the Act and the Home Building Regulation 2004 and the conditions of the insurance contract, cover will be provided to the Building Owner/Beneficiary named in the domestic building contract and to the successors in title to the Building Owner/Beneficiary or the immediate successor in title to the contractor or developer who did the work and subsequent successors in title.

Signed for and on behalf of NSW Self Insurance Corporation

IMPORTANT NOTICE: This Certificate must be read in conjunction with the Policy Wording and kept in a safe place. These documents are very important and must be retained by you and any successive owners of the property for the duration of the statutory period of cover.

QM2771-0910

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М	BN #:43662868065 anly Council		ition Fees	Calculator	Rec. No.: 74.9930
M	O Box 82 ANLY NSW 1655	·	velopment entered same for each fee t	into any of the boxes below is ype	s the Place X
Eł	h 9976 1500 mail: records@manl	Fax 9976 1400 V.DSW GDV au			Yes fee to be paid
We	ebsite: www.manly.	NSW.GOV.au	a dwelling-house with	an estimated construction cost	
			Fee		
D۵	te 27/01/2011		elopment} -	\$ <u>300,000.00</u> 0.064%	
Re	ceipt 00749930:00	Oll Terminal 1.1330	ISW] > \$50,000.	\$ 300,000.00	\$ FALSE
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	BA Lodge St		t Requires Adver	tising	\$
	Total Value: Tendered	178.00	evelopment		\$
	Cheque Change	178.00			
	ondnge	0,00	<pre>}velopment] -</pre>	(\$	\$ 0.00
Tha	nk you for Prompt	Payment	it Inspection -	& Type of Inspections] -	\$ 0.00
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צ	42		Service Payments Corp Construction work costing lore (0.35% from 1/01/2006)	/	\$ 1,050.00 X
4	50	Builders Damage depo			
$\overline{\mathcal{O}}$		[Enter Total Value of Developmen may apply for Development > \$1.		\$ -	\$0.00
	49	S96 Modification of Co			
		Fee for application under S Fee for application under S			\$
		(Enter Total Value of		\$	\$ 0.00
	47	Complying Developme	ent Application		
		[Enter Total Value of Develo	opment Above] -	\$	\$ 0.00 L
	118	S82 Review		/	
		Fee for application under S Fee for application under S			\$
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		Aditional Administrati	on Foo foo Into wate		
0	41	Aditional Administratio	on ree for fillegrate	Su Development	
0	<u>Fee Code</u>	Other Fees [Description:]	<	O	
		Paíd \$872.00 but cost o	f works have change	25.01.2011 r/n749740	\$ -872.00 \$
		<u></u>			
	8	TOTAL FEES		V	\$ <u>178.00</u>

C:\Documents and Settings\brodin\Desktop\DA_Fees_Calculator_(2011)(1).xisx

From: David Stray <David.Stray@manly.nsw.gov.au> Subject: FW: DA 359/09 deletion of conditions - Attention David Stray Date: 14 October 2010 5:01:09 PM AEDT To: "david@durbachblock.com" <david@durbachblock.com>

Cc: records <records@manly.nsw.gov.au>

David,

Thank you for the email on this matter. I have reviewed the file and note that there is no new driveway proposed and no alteration of the existing driveway proposed. As such conditions 12(2FP01) and 13(2FP02) are not applicable to this development and are therefore deemed to be complied with. You should check with your Certifier re the S96 as (all other considerations aside) they may be comfortable with issuing the Construction Certificate on the basis of this email.

Council would be able to process a S96 application (to delete these conditions) promptly if necessary.

Regards

David Stray

Manager Development Assessment Land Use & Sustainability Division Manly Council

1 Belgrave Street Manly NSW 2095 | PO Box 82 Manly NSW 1655 | Ph. 02 9976 1400 | Switch 9976 1500 | Fax 9976 1400 | david.stray@manly.nsw.gov.au | <u>www.manlv.nsw.gov.au</u>

From: Fiona Chau Sent: Thursday, 14 October 2010 4:48 PM To: David Stray Subject: FW: DA 359/09 deletion of conditions - Attention David Stray

Fiona Chau

Lodgement & Quality Assurance Officer Land Use & Sustainability

From: David Jaggers [mailto:david@durbachblock.com]
Sent: Thursday, October 07, 2010 10:16 AM
To: records
Cc: Sarah Kirkham; donotreply
Subject: DA 359/09 deletion of conditions - Attention David Stray

Dear Mr Stray,

Following a conversation first with our Private Certifier and then with a Manly Council Duty planner (Yuen?) I am writing this email to request the deletion of 2 conditions relating to our development consent DA 359/09 as it is our view that they are not applicable to the approval.

the conditions are as follows;

12. (2FP01) 13. (2FP02) These conditions relate to the design and construction of a vehicular crossover which was neither requested in the DA application nor required as part of the works.

A new driveway crossover was built at the request of Council in 2007 as part of DA 371/06 which was for the subdivision of our property from it's adjoining semidetached dwelling. I note that prior to the subdivision our property was known as 2/158 Condamine Street. It is now known (at the instruction of Council) as 13A Lodge Street.

At that time detailed driveway design drawings were submitted, the site and then works inspected, and a final inspection and sign off given by Council - the receipt of which was required for our subdivision to proceed.

The current approval includes the provision of a carport which is to be built over an existing hard stand parking space. It does not involve the changing of any of the current levels.

Can you please advise whether this deletion requires us to submit a Section 96. As discussed with the duty planner and our certifier could you please also provide a written response acknowledging the validity of our request so that we can proceed with obtaining a Construction Certificate.

thanks

David Jaggers

Please note our new address details below - one contact numbers and emails remain unchanged.

Durbach Block Jaggers Architects

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Level 2, 9 Roslyn Street Potts Point NSW 2011 T 02 8297 3500 F 02 8297 3510 www.durbachblock.com

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BASI Certificate

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

Alterations and Additions

Certificate number: A103669

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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 29/9/2006 published by Department of Planning. This document is available at www.basix.nsw.gov.au

SCRD

Director-General Date of issue: Monday, 24, January 2011



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Project address Project name Jaggers Kirknam Residence Street address 13A Lodge Street Balgowlah 2093 Local Government Area Manly Council Deposited Plan 1117653 Plan type and number Lot number 151 Section number 0 Project type Dwelling type Attached dwelling house Type of alteration and My renovation work is valued at \$50,000 or more, and addition does not include a pool (and/or spa).



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Fixtures and systems DA Pla		
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.	~	· · ·
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.	\checkmark	✓
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.	✓	

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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) ation is not required where the area of new constr where insulation already exists.		Ý	~	
Construction	Additional insulation required (R-value)	Other specifications			
suspended floor with enclosed subfloor: framed (R0.7).	R0.60 (down) (or R1.30 including construction)				
floor above existing dwelling or building.	nil			1	
external wall: framed (weatherboard, fibro, metal clad)	R1.30 (or R1.70 including construction)				
raked ceiling, pitched/skillion roof: framed	ceiling: R2.24 (up), roof: foil backed blanket (55 mm)	medium (solar absorptance 0.475 - 0.70)			
flat ceiling, flat roof: framed	ceiling: R1.40 (up), roof: foil backed blanket (55 mm)	light (solar absorptance < 0.475)			

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Glazing re	equirements						Show on DA Plans	Show on CC/CDC Plans & specs	Certifier Check
Windows	and glazed do	ors	42				28		
					ading devices, in accordance with t each window and glazed door.	he specifications listed in the table below.	 		
The follow	ving requirements r	nust also	be satisfie	d in relation	to each window and glazed door:				
have a U-	value and a Solar	Heat Gain	Coefficie	nt (SHGC) n		l glass may either match the description, or, e below. Total system U-values and SHGCs	5	V	V
					each eave, pergola, verandah, balc nan 2400 mm above the sill.	ony or awning must be no more than 500 mm	1	✓	1.2.4 ⁵
Pergolas	with polycarbonate	roof or si	milar trans	slucent mate	rial must have a shading coefficient	of less than 0.35.	1	. ×	
External I	ouvres and blinds i	must fully	shade the	window or g	lazed door beside which they are s	ituated when fully drawn or closed.		- V	√
					window or glazed door above whic ns must not be more than 50 mm.	h they are situated, unless the pergola also			4
	lowing buildings or in the 'overshadow				t and distance from the centre and	the base of the window and glazed door, as		1 Vr	1
Windov	vs and glazed o	doors gl	azing re	quiremer	its				!
	Orientation		Oversha		Shading device	Frame and glass type			
W1-B4	N	4	5.8	5.7	external louvre/blind (adjustable)	timber or uPVC, single clear, (or U-value: 5.71, SHGC: 0.66)			}
1. AND 17. ANDROND	A state of the sta	4	5.8	6.7	eave/verandah/pergola/balcony	timber or uPVC, single clear, (or U-value:	1	1	12
W2-Bth2	N	4			>=900 mm	5.71, SHGC: 0.66)			1
	N	4	5.8	5.7	>=900 mm external louvre/blind (adjustable)	5.71, SHGC: 0.66) timber or uPVC, single clear, (or U-value: 5.71, SHGC: 0.66)			

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Glazing re	equirements						Show on DA Plans	Show on CC/CDC Plans & specs	Certifier Check
Window / door no.	Orientation	Area of glass inc. frame (m2)	Oversha Height (m)	dowing Distance (m)	Shading device	Frame and glass type			
				ļ		5.71, SHGC: 0.66)			
W5-B3	E	11	0	0	external louvre/blind (adjustable) timber or uPVC, single clear, (or U-value: 5.71, SHGC: 0.66)	2.0		ł
W6 - Dng	N	12	0	0	eave/verandah/pergola/balcony >=900 mm	timber or uPVC, single clear, (or U-value: 5.71, SHGC: 0.66)			
W7 - Dng	E	10	5	5	eave/verandah/pergola/balcony >=450 mm	timber or uPVC, single clear, (or U-value: 5.71, SHGC: 0.66)			
Skylight The appl		II the skylight	s in accor	dance with t	the specifications listed in the table	below.			
The follow	wing requireme	nts must also	be satisfi	ed in relatio	n to each skylight:		2003) 81	~	
Each sky the table		match the d	escription,	, or, have a l	U-value and a Solar Heat Gain Co	efficient (SHGC) no greater than that listed in		V	1
Skyligh	nts glazing r	equiremer	its						
	number Area	of glazing frame (m2)	Shading	l device	Frame ar	nd glass type			242
S1	0.9		no shad	ling		n, moulded plastic single clear, (or U-value: GC: 0.808)			

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Legend

In these commitments, "applicant" means the person carrying out the development.

Commitments identified with a "</ " 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 "</ " in the "Show on CC/CDC plans & specs" column must be shown in the plans and specifications accompanying the application for a construction certificate / complying development certificate for the proposed development.

Commitments identified with a " / " 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.

page 6 / 6

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TERMITE PROTECTION

Rd: TMP-01 1/2/11

RE: ALTERATIONS AND ADDITIONS TO 13A LODGE STREET, BALGOWLAH

1. SCOPE OF WORKS

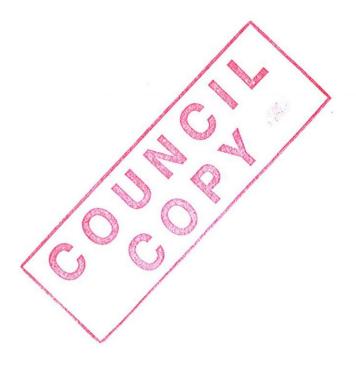
The works consist of a ground floor addition built of light timber framing and cladding, and a first floor addition also built of light timber framing and cladding.

2. APPROACH TO TERMITE PROTECTION

The ground floor addition will be built up off the ground with a well ventilated subfloor space. The bearers and joists will be supported on brick peirs and brick perimeter walls separated with antcaps.

The first floor addition framing as well as the ground floor addition framing of both structural and non structural members will be built using timber treated for termites.

Regular inspections will be carried out to ensure termite activity is not present within the house.





Waste Minimisation and Management Plan & Checklist

Ry: WMP-01

The demolition and construction of developments generates significant amounts of waste. The aim of this plan is to facilitate maximum resource recovery and reduction in waste materials and minimise environmental impacts of developments. Manly Council requires on site management of any waste generated during demolition and construction; this involves planning the reuse, recycling and disposal of waste from all types of developments. Carefully managing waste from a development decreases the social costs and health and safety risks associated with waste. The plan encourages the efficient use of resources, which is not only environmentally sustainable but is also economically beneficial.

Applicant Details							
Application No.	359/00						
Name	SARAH KIRKHAM						
Address	13A LODGE STREET						
	BALGOWLAH NSW 2093						
Phone number(s)	99481984 0425251091						
Email	bunkerhouse@ozemail.com.gu						
Project Details							
Address of development	13A LODGE STREET						
	BALGOWLAN NSW 2093						
Existing buildings and other	SEMI-DETATCHED DWELLING						
structures currently on the site	HOUSE						
Description of proposed	NEW GROUND FLOOR DINING ROOM						
development	FLUS SECIOND STOKEN ADDITION OF 3 BEDROOMS AND A BATHROOM						
provisions and intentions for mini	vaste objectives set out in the DCP. The details on this form are the mising waste relating to this project. All records demonstrating lawful and kept readily accessible for inspection by regulatory authorities such NSW.						
Name	SARAH KIRKHAM						
Signature	tarah Ulahan						
Date	13.01.11						

DEMOLITION (All Types of Developments)

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	Reuse	Recycling	Disposal	
Type of waste generated	Estimate Volume (m3) or Weight (t)	Estimate Volume (m3) or Weight (t)	Estimate Volume (m3) or Weight (t)	Specify method of onsite reuse, contractor and recycling outlet and /or waste depot to be used
	a uao	e e		
Excavation material	I II			UN-SITE RE-USE FOR LANDSCAPING
Timber (specify) Concrete N/A		OREGON ROOF FRAN	AINA	KIMBRIKI TIMBER RECYCLING
Bricks/pavers N/A				BRICKS TO BE RE-CYCLED ON SITE AS PANERS
Tiles TERRACOTT	A ROOF			KIMBRIKI TILE RECYCLING
Metal (specify) N/k				
Glass	2 WINDOWS 1 DOOR			WINDOWS TO BE REMOVED + RE-SOLD IN SECOND - HAND
Furniture N/A				Marte
Fixtures and fittings N	/A		*****	
Floor coverings N/A				
Packaging (used N	/ ×			WRAP TO BE DISPOSED OF
Garden organics H7	A			RECYCLED AS MULCH
Containers (cans, plastic, glass) N//	4			•
Paper/cardboard N	IA			
Residual waste				IF ANY DISPOSED OF AND RE-CYCLED WHERE POSSIBLE
Hazardous/special waste e.g. asbestos (specify)			NONE Known	HE FOUND WASTE WILL BE DIS POSED OF ACCORDING TO STATUTORY REQUIREMENT

	Reuse	Recycling	Disposal	
Type of waste generated	Estimate Volume (m3) or Weight (t)	Estimate Volume (m3) or Weight (t)	Estimate Volume (m3) or Weight (t)	Specify method of on site reuse, contractor and recycling outlet and /or waste depot to be used
Excavation material	ta anna anna d' d	eller an e tearre e t		ON-SITE RE-USE FOR LANDSCAPING
Timber (specify) 0+F-		ne come o come		KIMBRIKI TIMBER
Concrete N/A				RECYCLING
Bricks/pavers N/A				
Tiles	····· · · · · · · · · · · · · · · · ·			ANY BATHROOM THE TO BE KETAINED FOR PUTURE REPU
Metal (specify) N/K				NET /
Glass N/X			·	
Plasterboard (offcuts)				KIMBRIKI TIP
Furniture N/A				
Fixtures and fittings N	4			
Floor coverings N	k			
Packaging (used pallets, pallet wrap)	s			PALLETS TO BE RETURNED, WRAP TO BE DISPOSED OF
Garden organics N/	ł	-		
Containers (cans, plastic, glass)				
Paper/cardboard	,			RECYCLED
Residual waste			n <mark>han e ser e ser</mark> A Reseau	IF ANY, DISPOSED OF AND RE-CYCLED WHERE POSSIBI
Hazardous/special waste (specify)	2			

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ONGOING OPERATION (Residential, Multi Unit, Commercial, Mixed Use and Industrial)

Address of development:

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Type of Waste to be Generated	Expected Volume per week	Proposed on-site storage and treatment facilities	Destination of waste
Please specify. For example: glass, paper, food waste, offcuts,	Litres or m ³	Please specify. For example: waste storage and recycling area, garbage chute, on-site composting, compaction equipment	Please specify. For example: Recycling depot, name of landfill site, compost in garden, contractor etc.
STANOARD	nomesinc	WASTE INTO SUP	MED GENERAL RECYCLING
		GREEN WA	PHED LEWEXAL RECYCLING
		televisions and the same of the same of the same	
		· · · · · · · · · · · · · · · · · · ·	
		1	
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ONGOING MANAGEMENT OF WASTE

Please describe the methods that will be employed to ensure the ongoing management of waste onsite (e.g. lease conditions, caretaker/manager onsite)

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CONSTRUCTION DESIGN (All Types of Developments)

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Outline how measures for waste avoidance have been incorporated into the design, material purchasing and construction techniques of the development

The person this been unadation with economy
OF MANDLING AND MEANS IN MIND WHICH NECESSITIES
Low waters of watere. MANEMAN OKMERING WILL
BE DONE WITH SPECIFIC SIZES AND QUANTITIES.
UNUSED MANDULAS WILL BE METAMOS FOR USE ELSWHENG

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SYDNEY WATER BUILDING PLAN APPROVED SUBJECT TO REQUIREMENTS

Dolfin No: D09/0-16709

Quick Check Ref No: 2869386

e-Developer Case No: -

Property Location

Street No: 13A

Lot No: 151

Street Name: LODGE STREET

Suburb: BALGOWLAH

Building/Structure Description: ALTERATIONS & ADDITIONS & TIMBER DECK

Building Plan No: CC02 A

Engineers Plan No: SK1 & 2

Proposed building/structure is APPROVED to construct OVER/ADJACENT TO a Sydney Water sewer/asset, subject to the following requirements: (NB. Delete non applicable requirements)

- 1. The foundations/piers are to be founded below 1:1 zone of influence, mostly soil strata.
- No part of the building/structure or its foundations to be less than a minimum 0.6 metre, horizontal distance from the centreline of the sewer.
- 3. No part of the swimming-pool or its foundations to be less-than a-minimum-----metre, horizontal distance from the controlling of the sower to the outer edge of the pool-coping.
- 4. No part of the building/structure or swimming pool coping to be less than 1-m horizontal-distance from cutside edge of maintenance hole rim / maintenance shaft rim / lamphole rim / vertical rim / rodding peint or edge of ventshaft.
- 5. No piering of building/structure to be less than 2 m herizontal distance from centreline of maintenance hole to edge of piers.
- 6. Foundations/piers are constructed in accordance with Engineers detail plans (stated above) as submitted to Sydney Water.
- 7. All foundations/piers are to be founded to below the zone of influence or to solid rock.
- 8. Indemnity letter to be signed by owner/s of property and returned to Water Servicing Coordinator prior to issue of building plan approval.
- 9. Concrete encase approximately metres of sewer. Concrete encasement to be carried out by an Accredited Constructor of Minor Works (Sewer) / Constructor and a Minor Works Agreement signed prior to commencement of works.
- 10. Concrete encasement must extend a minimum of 600 mm past the external walls of the building/structure.
- 12-Minimum of compressible membrane between top of concrete encasement to underside of concrete slab.
- 13. Property connection point (junction) to be inserted-under Minor Works Agreemer
- 14 All works are to be completed in accordance with Case No.

Supplier Instructions Issue 02 C

21 December 2006 Page 1 of 2

SPECIAL REQUIREMENTS

Water Servicing Co-ordinator to inspect piering prior to concrete pour.

NOTE:

Above requirements must be inspected/supervised by an Accredited Supplier or Sydney Water to enable the issue of a satisfactory compliance letter.

Permits are required to fill all new swimming pools with a capacity greater than 10,000 litres. To arrange for a permit please contact Sydney Water on 13 20 92 during business hours. Fines will apply for filling swimming pools without a permit.

APPROVED BY

WSC Company Name: BYRNE & ASSOCIATES PTY LTD

Name of Key Personnel: D. GLENDENNING

Signature of Key Personnel:

Date: 17 11110

