

25 August 2011



General Manager Pittwater Council PO Box 882 MONA VALE NSW 1660

Dear Sir,

Determination of Complying Development Certificate Application 48 Irrubel Road, Newport

For Council's information, please find enclosed Complying Development Certificate No. 2011/154CDC issued for construction of a swimming pool, pool terrace & associated retaining wall at the above address, accompanied by:

- Copy of Complying Development Certificate application form
- Notice of Commencement of Work and Appointment of Principal Certifying Authority
- Builder's Home Warranty Insurance
- Cheque for \$36.00 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

Tom Bowden

Insight Building Certifiers Pty Ltd

\$36 REC: 30,283 26/8/1



Determination of a Complying Development Certificate Application

made under the Environmental Planning and Assessment Act 1979 Section 85 and 85A

Certificate No. 2011/154CDC

Council	Pittwater
Determination	Approved
Date of issue	25 August 2011
Subject land	
Address	48 Irrubel Road, Newport
Lot No, DP No.	Lot A DP 408151
Land Use Zone	R2-2(a) (Residential "A")
Applicant	
Name	Mrs Kate Long
Address	48 Irrubel Road, Newport NSW 2106
Contact No.	0413 747 109
Owner	
Name	Mrs Kate Long
Address	48 Irrubel Road, Newport NSW 2106
Contact No.	0413 747 109
Description of Development	
Type of Work	Construction of a Swimming Pool, Pool Terrace &
	Associated Retaining Wall
Builder or Owner/Builder	
Name	Beau Daniel Jones
Contractor Licence No/Permit	177518C
Value of Work	
Building	\$69,619.00

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

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

- Site Plan, Pool Plan & Pool Sections reference No DA01, (Issue C), DA02 (Issue C),
 & DA03 (Issue C) prepared by Weir Phillips Architects dated 19 August 2011
- 2. Structural Engineers reference no. 091202 Drawing nos S1.0, S2.0, S3.00, S4.00, S5.00, S6.00 & S7.00 prepared and endorsed Barrenjoey Consulting Engineers Pty Ltd dated August 2011
- 3. Long Service Levy Corporation receipt no. 623810081 dated 5 August 2011
- 4. BASIX Certificate no. A115220 dated 6 July 2011
- 5. Sydney Water approval dated 5 August 2011

and any other supporting documentation submitted as part of the application.

Certificate

I certify that the proposed development is complying development and that if carried out in accordance with the plans, specifications and attached schedule of conditions will comply with the requirements of the State Environmental Planning Policy (Exempt and Complying Development Codes) 2008, Part 3, including the relevant conditions under Division 3, all requirements of the Environmental Planning and Assessment Regulations 2000 concerning the issue of the Certificate and the relevant provisions of the Building Code of Australia.

Signed

25 AUG 2011

Certificate No.

2011/154CDC

Date on which this Certificate will lapse:

25 AUG 2016

Certifying Authority

Name of Accredited Certifier

Accreditation No.

Accreditation Authority

Contact No.

Address

Tom Bowden BPB0042

Building Professionals Board

(02) 9999 0003

13/90 Mona Vale Road, Mona Vale NSW 2103

BCA Classification

10b

Schedule of Conditions for Complying Development Certificate No. 2011/154CDC

Conditions applying before works commence

Protection of adjoining areas

- 1. A temporary hoarding or temporary construction site fence must be erected between the work site and adjoining lands before the works begin and must be kept in place until after the completion of works if the works:
 - could cause a danger, obstruction or inconvenience to pedestrian or vehicular traffic,
 or
 - could cause damage to adjoining lands by falling objects, or
 - involve the enclosure of a public place or part of a public place.

Toilet facilities

- Toilet facilities must be available or provided at the work site before works begin and must be maintained until the works are completed at a ratio of one toilet plus one additional toilet for every 20 persons employed at the site.
- 2. Each toilet must:
 - be a standard flushing toilet connected to a public sewer, or
 - have an on-site effluent disposal system approved under the Local Government Act 1993, or
 - be a temporary chemical closet approved under the Local Government Act 1993.

Garbage receptacle

- 1. A garbage receptacle must be provided at the work site before works begin and must be maintained until the works are completed.
- 2. The garbage receptacle must have a tight fitting lid and be suitable for the reception of food scraps and papers.

Notification to neighbours

1. The person having the benefit of the complying development certificate must give at least 2 days' notice in writing of the intention to commence the works to the owner or occupier of each dwelling that is situated within 20m of the lot on which the works will be carried out.

Adjoining wall dilapidation report

- 1. If a wall on a lot is to be built to a boundary and there is a wall (the *adjoining wall*) on the lot adjoining that boundary that is less than 0.9m from that boundary, the person having the benefit of the complying development certificate must obtain a dilapidation report on the adjoining wall.
- If the person preparing the report is denied access to the adjoining lot for the purpose of inspecting the adjoining wall, the report may be prepared from an external inspection of the adjoining wall.
- 3. (3) In this clause:

dilapidation report means a report, prepared by a professional engineer, confirming the structural condition of the adjoining wall before the development commences.

Conditions applying during the works

Note. The Protection of the Environment Operations Act 1997 and the Protection of the Environment Operations (Noise Control) Regulation 2008 contain provisions relating to noise.

Hours of construction

1. Construction may only be carried out between 7.00 am and 5.00 pm on Monday to Saturday and no construction is to be carried out at any time on a Sunday or a public holiday.

Compliance with plans

1. Works must be carried out in accordance with the plans and specifications to which the complying development certificate relates.

Sedimentation and erosion controls

1. Run-off and erosion controls must be effectively maintained until the site has been stabilised and landscaped.

Maintenance of site

- 1. Building materials and equipment must be stored wholly within the work site unless an approval to store them elsewhere is held.
- 2. Demolition materials and waste materials must be disposed of at a waste management facility.
- 3. The work site must be left clear of waste and debris at the completion of the works.

Construction requirements

Staging construction

- 1. If the complying development is the erection of, or alterations or additions to, a dwelling house, the roof stormwater drainage system must be installed and connected to the drainage system before the roof covering is installed.
- 2. Any approval that is required for connection to the drainage system under the Local Government Act 1993 must be held before the connection is carried out.
- If the complying development involves the construction of a vehicular access point, the access point must be completed before the occupation certificate for the complying development on the site is obtained.

Utility services

1. If the complying development requires alteration to, or the relocation of, utility services on the lot on which the complying development is carried out, the complying development is not complete until all such works are carried out.

Further requirements

Compliance with Building Code of Australia and insurance requirements under the Home Building Act 1989

- 1. A complying development certificate for development that involves any building work must be issued subject to the following conditions:
 - (a) that the work must be carried out in accordance with the requirements of the Building Code of Australia,
 - (b) in the case of residential building work for which the Home Building Act 1989 requires there to be a contract of insurance in force in accordance with Part 6 of that Act, that such a contract of insurance must be entered into and be in force before any building work authorised to be carried out by the certificate commences.
- A complying development certificate for a temporary structure that is used as an
 entertainment venue must be issued subject to the condition that the temporary structure
 must comply with Part B1 and NSW Part H102 of Volume One of the Building Code of Australia
 (as in force on the date the application for the relevant complying development certificate is
 made).
- 3. This clause does not limit any other conditions to which a complying development certificate may be subject, as referred to in section 85A (6) (a) of the Act.
- 4. This clause does not apply:
 - (a) to the extent to which an exemption is in force under clause 187 or 188, subject to the terms of any condition or requirement referred to in clause 187 (6) or 188 (4), or
 - (b) to the erection of a temporary building, other than a temporary structure that is used as an entertainment venue.
- 5. In this clause, a reference to the Building Code of Australia is a reference to that Code as in force on the date the application for the relevant complying development certificate is made. Note. There are no relevant provisions in the Building Code of Australia in respect of temporary structures that are not entertainment venues.

Erection of signs

- 1. A complying development certificate for development that involves any building work, subdivision work or demolition work must be issued subject to a condition that the requirements of subclauses (2) and (3) are complied with.
- 2. A sign must be erected in a prominent position on any site on which building work, subdivision work or demolition work is being carried out:
 - (a) showing the name, address and telephone number of the principal certifying authority for the work, and
 - (b) showing the name of the principal contractor (if any) for any building work and a telephone number on which that person may be contacted outside working hours, and
 - (c) stating that unauthorised entry to the site is prohibited.
- 3. Any such sign is to be maintained while the building work, subdivision work or demolition work is being carried out, but must be removed when the work has been completed.

- 4. This clause does not apply in relation to building work, subdivision work or demolition work that is carried out inside an existing building, that does not affect the external walls of the building.
- 5. This clause does not apply in relation to Crown building work that is certified, in accordance with section 109R of the Act, to comply with the technical provisions of the State's building laws.
- 6. This clause applies to a complying development certificate issued before 1 July 2004 only if the building work, subdivision work or demolition work involved had not been commenced by that date.
 - Note. Principal certifying authorities and principal contractors must also ensure that signs required by this clause are erected and maintained (see clause 227A which currently imposes a maximum penalty of \$1,100).

Notification of Home Building Act 1989 requirements

- 1. A complying development certificate for development that involves any residential building work within the meaning of the Home Building Act 1989 must be issued subject to a condition that the work is carried out in accordance with the requirements of this clause.
- 2. Residential building work within the meaning of the Home Building Act 1989 must not be carried out unless the principal certifying authority for the development to which the work relates (not being the council) has given the council written notice of the following information:
 - (a) in the case of work for which a principal contractor is required to be appointed:
 - (i) the name and licence number of the principal contractor, and
 - (ii) the name of the insurer by which the work is insured under Part 6 of that Act,
 - (b) in the case of work to be done by an owner-builder:
 - (i) the name of the owner-builder, and
 - (ii) if the owner-builder is required to hold an owner-builder permit under that Act, the number of the owner-builder permit.
- 3. If arrangements for doing the residential building work are changed while the work is in progress so that the information notified under subclause (2) becomes out of date, further work must not be carried out unless the principal certifying authority for the development to which the work relates (not being the council) has given the council written notice of the updated information.
- 4. This clause does not apply in relation to Crown building work that is certified, in accordance with section 109R of the Act, to comply with the technical provisions of the State's building laws.

Fulfilment of BASIX commitments

- 1. This clause applies to the following development:
- (a) BASIX affected development,
- (b) any BASIX optional development in relation to which a person has made an application for a complying development certificate that has been accompanied by a BASIX certificate or BASIX certificates (despite there being no obligation under clause 4A of Schedule 1 for it to be so accompanied).

2. A complying development certificate for development to which this clause applies must be issued subject to a condition that the commitments listed in each relevant BASIX certificate for the development must be fulfilled.

Development involving bonded asbestos material and friable asbestos material

- 1. A complying development certificate for development that involves building work or demolition work must be issued subject to the following conditions:
 - (a) work involving bonded asbestos removal work (of an area of more than 10 square metres) or friable asbestos removal work must be undertaken by a person who carries on a business of such removal work in accordance with a licence under clause 318 of the Occupational Health and Safety Regulation 2001,
 - (b) the person having the benefit of the complying development certificate must provide the principal certifying authority with a copy of a signed contract with such a person before any development pursuant to the complying development certificate commences,
 - (c) any such contract must indicate whether any bonded asbestos material or friable asbestos material will be removed, and if so, must specify the landfill site (that may lawfully receive asbestos) to which the bonded asbestos material or friable asbestos material is to be delivered.
- 2. This clause applies only to a complying development certificate issued after the commencement of this clause.
- 3. In this clause, bonded asbestos material, bonded asbestos removal work, friable asbestos material and friable asbestos removal work have the same meanings as in clause 317 of the Occupational Health and Safety Regulation 2001.
 Note 1. Under clause 317 removal work refers to work in which the bonded asbestos material or friable asbestos material is removed, repaired or disturbed.
 Note 2. The effect of subclause (1) (a) is that the development will be a workplace to which the Occupational Health and Safety Regulation 2001 applies while removal work involving bonded asbestos material or friable asbestos material is being undertaken.
 Note 3. Information on the removal and disposal of asbestos to landfill sites licensed to accept this waste is available from the Department of Environment, Climate Change and Water.
 Note 4. Demolition undertaken in relation to complying development under the State

Environmental Planning Policy (Exempt and Complying Development Codes) 2008 must be carried out in accordance with Australian Standard AS 2601—2001, Demolition of structures.

Condition relating to shoring and adequacy of adjoining property

- 1. A complying development certificate for development must be issued subject to a condition that if the development involves an excavation that extends below the level of the base of the footings of a building on adjoining land, the person having the benefit of the certificate must at the person's own expense:
 - (a) protect and support the adjoining premises from possible damage from the excavation, and
 - (b) where necessary, underpin the adjoining premises to prevent any such damage.
- 2. The condition referred to in subclause (1) does not apply if the person having the benefit of the complying development certificate owns the adjoining land or the owner of the adjoining land has given consent in writing to that condition not applying.



COMPEYING DEVELOPMENT CERTIFICATE APPLICATION AND CHECKLIST

(made under the Environmental Planning and Assessment Act 1979 Section 85 and 85A)

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that the owner consents to the making of this application)

Levy Online Payment Receipt



Thank you for using our Levy Online payment system. Your payment for this building application has been processed.

Applicant Name:

KATE LONG

Levy Application Reference:

5017646

Application Type:

CDC

Application No.:

2011/154CDC

Local Government Area/Government Authority:

PITTWATER COUNCIL

Site Address:

48 IRRUBEL RD

NEWPORT

NSW

2106

Value Of Work:

\$69,619

Levy Due:

\$243

Levy Payment:

\$243

Online Payment Ref.:

623810081

Payment Date:

5/08/2011 2:07:06 PM

BASI Certificate

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

Alterations and Additions

Certificate number: A115220

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

Director-General Date of issue: Wednesday, 06, July 2011



Project address	
Project name	Swimming Pool
Street address	48 Irrubel Road Newport 2106
Local Government Area	Pittwater Council
Plan type and number	Deposited Plan 408151
Lot number	A
Section number	0
Project type	
Dwelling type	Separate dwelling house
 Type of alteration and addition	My renovation work is less than \$50,000, but includes a pool (and/or spa) with a combined capacity of 40,000 litres or more.

Name / Company Name: WEIR PHILLIPS ARCHITECTS ABN (if applicable):	Certificate Prepared by (please complete before submitting to Council or PCA)
ABN (if applicable):	Name / Company Name: WEIR PHILLIPS ARCHITECTS
	ABN (if applicable):

ige 1/3

Pool and Spa DA F	Show on DA Plans	Show on Certifier CC/CDC Check Plans & Specs	¥ fig
Rainwater tank			
The applicant must install a rainwater tank of at least 1750 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 412 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.		<	
Outdoor swimming pool			
The swimming pool must be outdoors.	<u> </u>	<	
The swimming pool must not have a capacity greater than 52.5 kilolitres.	<u> </u>	<	
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: solar only.		<	

Legend

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

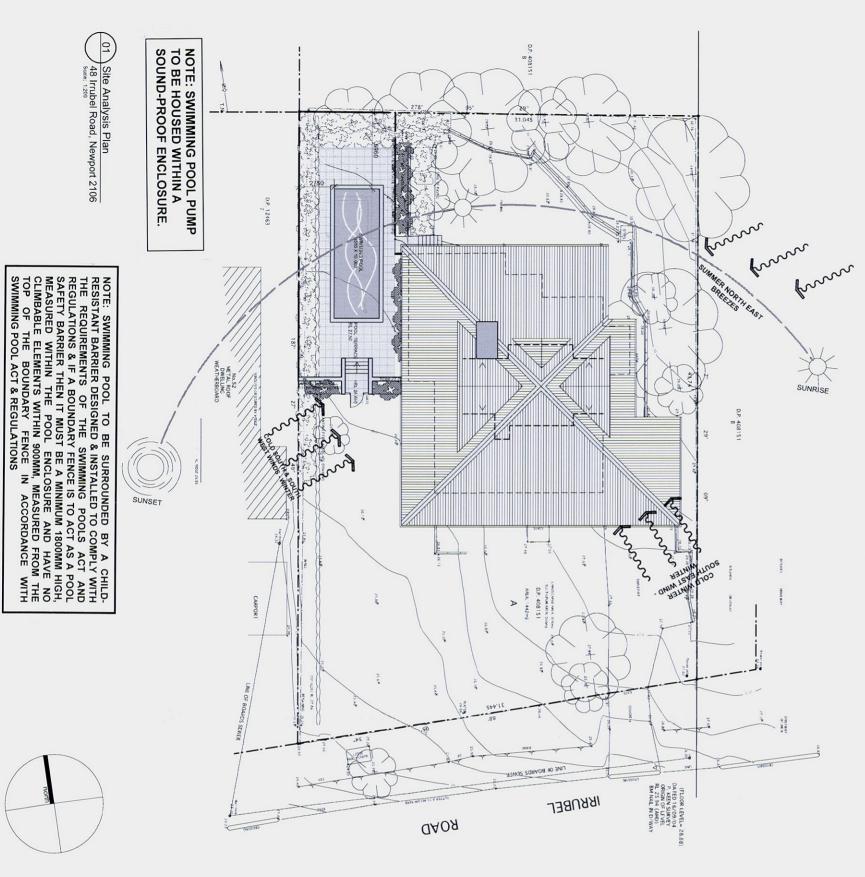
development application is to be lodged for the proposed development). Commitments identified with a "✓" in the "Show on DA plans" column must be shown on the plans accompanying the development application for the proposed development (if a

Commitments identified with a "\formula" 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.

development may be issued 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

Long Residence evelopment Appilcation

48 Irrubel Road, Newport 2106 Lot A DP 408151





02 Location Plan source: www.whereis.com

Drawing No. DA01 DA02 DA03 Drawing No. Description
Cover Page
Pool Plan
Elevations Scale N/A 1:100 1:100

Extg Paved & Deck area
Extg Total Site Coverage Extg Building Footprint Total Site Area 250 m2 305 m2 555 m2 1442 m2

Proposed Pool & Terrace area 107 m2 662 m2

Proposed Total Site Coverage bbz CERTIFICATE NO. 2011 154 CDC COMPLYING DEVELOPMENT CERTIFICATE building certifiers pty Itd

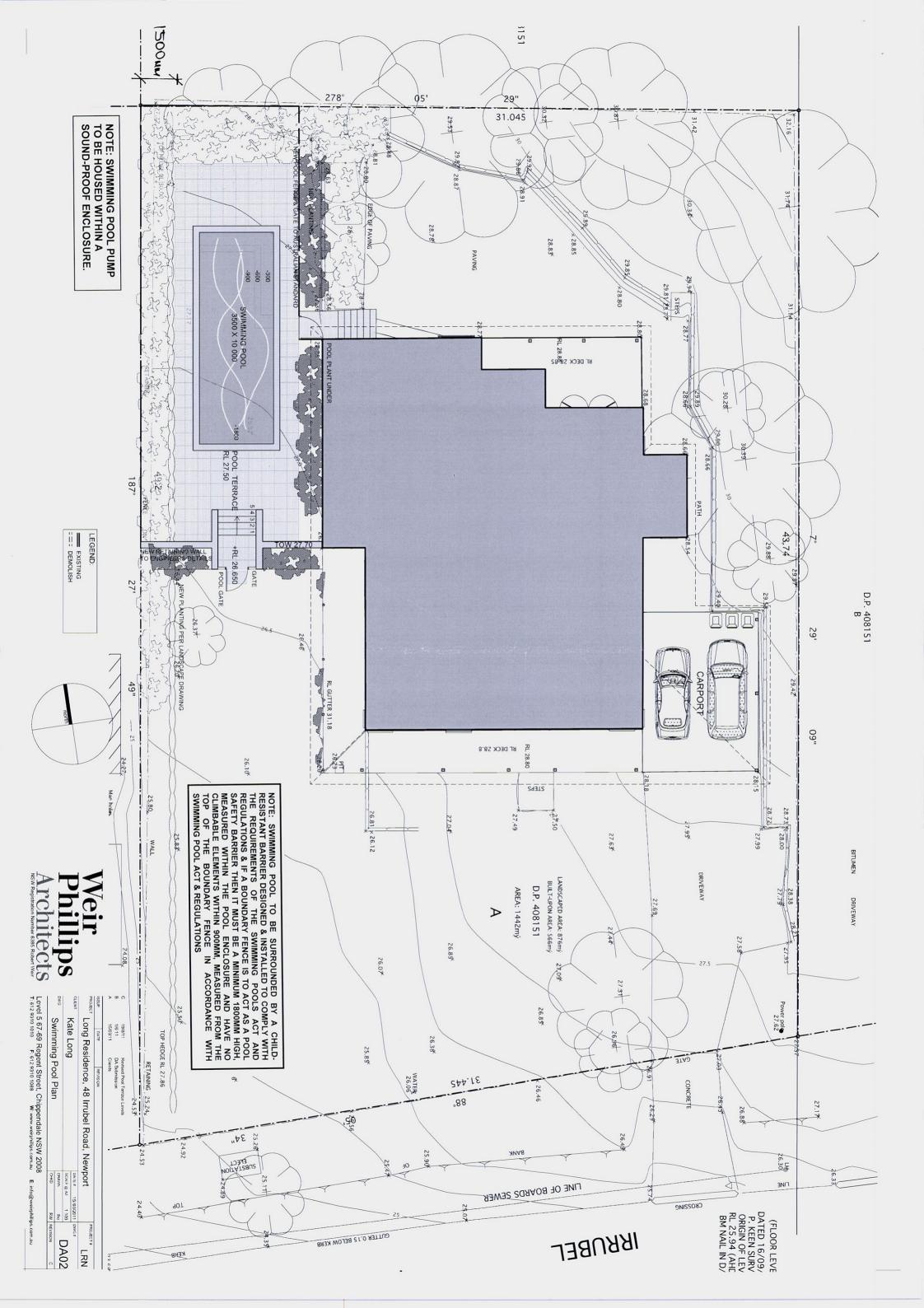
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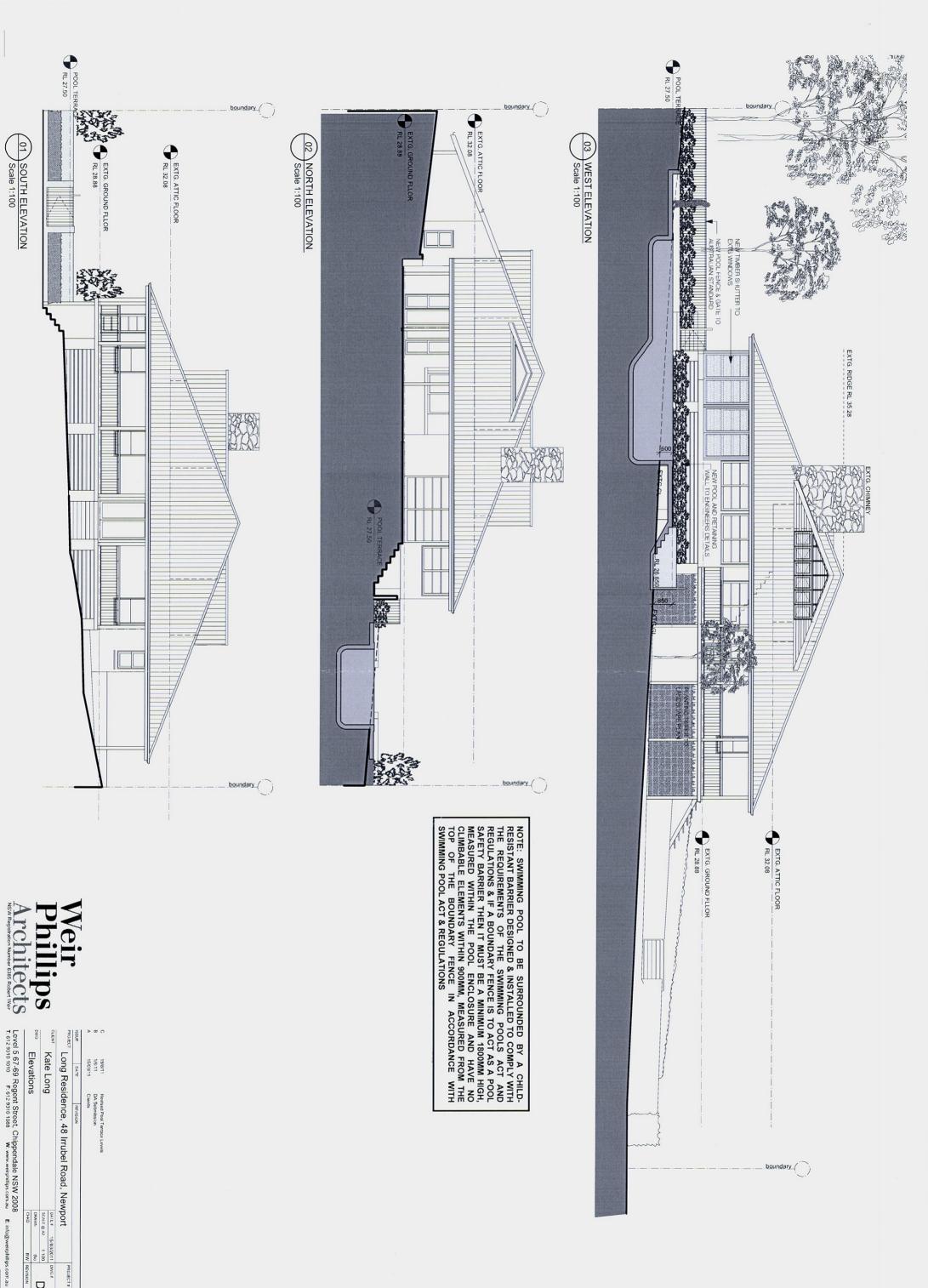
25 AUG 2011

Weir Architects
SW Registration Number 6385 Robert Weir Phillips

Level 5 67-69 Regent Street, Chippendale NSW 2008
T. 612 9310 1010 F. 612 9310 1088 W: www.weiphilips.com.au
E. info@weiphilips.com.au Kate Long Cover Page

Long Residence, 48 Irrubel Road, Newport LRN





DA03

LRN

GENERAL NOTES

G1 - These drawings are to be read in conjunction with all architectural and other all parties and rectified before proceeding with the works. consultants drawings and specifications. Any discrepancies are to be referred to

G2 - Dimensions shall not be obtained by scaling from these drawings.

G3 - During construction the structure shall be kept in a stable condition and no part shall be over stressed.

any relevant statutory authority. Australian Standards, OH&S requirements, and the by-laws and ordinances of G4 - All materials and workmanship are to be in accordance with the current

FOUNDATIONS

bearing capacity F1 - The foundation material is to be WEATHERED ROCK of min 750 kPa

settlement across the development. and that it is sound and consistent with minimal possibility of differential Geotechnical Consultant as being in accordance with the above assumption F2 - The foundation material is to be Inspected, verified and approved by a

reinforcement will be required. greatest bearing capacity and that additional detailing of the foundation contacted and it is likely all foundations are to be piered to similar material of the F3 - Should variable foundation material be encountered the engineer is to be

long term stability of any existing structure within its vicinity. F4 - Any excavation works are to include measures to ensure the temporary and

F5 - All foundations shall be a minimum 300mm into the approved material unless otherwise noted.

F7 - All organic matter and top soil shall be removed from the underside of all dependent on the adequacy of the bearing material. F6 - Foundation depth dimensions are a minimum only and final depth will be

F8 - Any soft or questionable excavated areas are to be brought to the attention slabs and foundations.

minimum dry density ratio of 98%. generally be granular material compacted in not more than 150mm layers to a of the Geotechnical Consultant and may require controlled filling.

F9 - Any filling shall be to the approval of the Geotechnical Consultant and will

C1 - All workmanship and materials shall be in accordance with AS3600

C2 - Concrete quality shall be verified by tests.

C3 - All concrete shall have a slump of 80mm and maximum aggregate size of

C5 - Size of concrete members do not include thickness of applied finishes. C4 - Concrete strength and cover shall be as detailed on the plans.

C6 - Beam depths are written first and include slab thickness if any.

written approval of the engineer C7 - No penetrations are to be made to the concrete members without the

C8 - No water is to be added to the concrete prior to placement.

C9 - All construction joints shall be located to the approval of the engineer.

C10 - Fire rating requirements and adequacy is to be reviewed and specified by

C11 - All concrete members are to be cured by keeping the surfaces continuously wet for a period of 3 days followed by the prevention of loss of moisture for a further 7 days.

> mass using mechanical vibrators.
>
> C13 - All formwork shall be installed and stripped in accordance with AS3610. C12 - All concrete elements shall be compacted to form a dense homogenous

C14 - All formwork is to be free of debris prior to pouring of concrete.

R1 - Ali reinforcement shall be Grade D500.

between supporting elements only. R2 - Top reinforcement is to be continuous over supporting elements and tapped

lapped at supporting elements only. R3 - Bottom reinforcement is to be continuous between supporting elements and

shown in its true projection. R4 - Reinforcement is represented diagrammatically only and is not necessarily

R5 - Welding of reinforcement is not permitted.

R6 - All reinforcement shall be supported on bar chairs at max 750mm spacing.

R7 - Reinforcement shall be tied at alternate intersections.

diameter (ie min 480mm for N12 bars, 640mm for N16 bars) R8 - Reinforcement bars are to lap a minimum length equal to 40 times the bar

R9 - Reinforcement fabric is to tap 1 complete square plus 25mm.

supporting a concrete slab and laid on smooth brick work or a trowed mortar M2 - An approved slip joint material is to be placed over all load bearing masonry M1 - All workmanship and materials shall be in accordance with AS3700.

M3 - Masonry shall be constructed on suspended concrete structures only after finish, this material may constitute two layers of greased metal.

all propping has been removed and the concrete has achieved its specified

closer as deemed necessary by the engineer. The joints are to be 10mm wide ##4 - Control joints are to be placed in all walls at a maximum of 8m centres or M5 - Concrete blocks shall have a minimum compressive strength of 15 MPa. and sealed with an approved flexible sealant, with ties at 600mm centres vertical

M6 - Core filling shall be 20 MPa concrete with 10mm aggregate, 230mm slump and compacted adequately.

M7 - Concrete blocks used in retaining wall construction are to be Double Web H

M8 - Maximum pour height for unrestrained blockwork is 1.8m.

M9 - All masonry components are to be tied at not more than 600mm centres to adjacent steel or concrete columns.

STEEL
S1 - All workmanship and materials shall be in accordance with AS4100.

S2 - Hot rolled plates shall comply with AS 3678.

S3 - Hot rolled sections shall comply with AS3679.

S4 - Cold formed sections shall comply with AS4600.

S5 - Welded and seamless hollow sections shall comply with AS1163.

S6 - Unless noted otherwise all welds shall be 6mm continuous fillet from E4xx

electrodes, unless noted otherwise.

S7 - Unless noted otherwise all bolts shall be M16 high strength structural bolts grade 8.8, snug tightened, uno.

and 6mm continuous weld. S8 - Unless noted otherwise all connections shall be 3M16 bolts, 10mm plate

S9 - All structural steel work shall have the following level of corrosion protection equivalent) All coatings/finishes shall be applied in accordance with the (coatings listed below by ORICA Australia p/I maybe substituted with a certified manufacturers specifications and recommendations including surface

internal elements

visible - a first coat (75 microns) of Zincanode 402 and a second coat (100 nicrons) of Weathermax HBR.

significant opening) xternal elements (including members with an external cavity or within 1m of a

not visible - a first coat (75 microns) of Zincanode 402 and a second coat (200 microns) of Duremax GPE

or Hot Dipped Galvanised to AS 4580.
visible - a first coat (75 microns) of Zincanode 402 and a second coat (200

Risk Management Policy (if required) the works are to be regularly D3 - To meet the requirements of Pittwater Councils Interim

Engineer 12months after completion, by a licensed builder every maintained by the occupant/home owner, inspected by an

10 years and by a qualified Engineer every 25 yrs.

a rigorous maintenance and inspection schedule.

Interim Risk Management Policy by the implementation of maybe extended to that required by Pittwater Councils D2 - The Design Life of elements relevant to slope stability

microns) of Duremax GPE MIO and a third coat (100 microns) of Weathermax

\$10 - All work shop drawings are to be reviewed and approved by the Engineer

AS1684. T1 - All workmanship and materials shall be in accordance with AS 1720 and

DRAWING SCHEDULE

T3 - All timber in contact with the ground shall be H4 treated or of durability class

T4 - All exposed cuts shall be treated to achieve H3 or H4 requirements.

T5 - All softwood shall be minimum F7

\$1.0 \$2.0 \$3.0 \$4.0 \$5.0 \$6.0

POOL SECTION A
POOL SECTION B

POOL PLAN **GENERAL NOTES**

POOL SECTION C **POOL SECTION D**

T6 - All hardwood shall be a minimum F14.

inspections. as an Engineering Consultancy and will not carry out Mandatory Critical Stage

material adequacy, see F2.

Certifying Authority, or should independent certification be required at the request of the client or builder. 12 - All inspections are to be carried out at the request of the projects Principal

13 - Typical inspections include -Foundation reinforcement

Suspended concrete reinforcement Slab on ground reinforcement

Steel structures

Timber structures

14 - The client shall be responsible for any fees for inspections regardless of

deemed necessary by Barrenjoey Consulting Engineers shall be charged to the

Consulting Engineers.

Hrs notice is required for any inspection outside of this region.

not visible - a single coat (75 microns) of Zincanode 402

D1 - The design life of all elements as specified within these

DESIGN LIFE OF THE STRUCTURE

documents correspond to that required by the Building Code

of Australia and the relevant Australian Standard.

or Hot Dipped Galvanised to AS 4680 and a decorative coating.

T2 - All exposed timber shall be H3 treated or of durability class 1.

T7 - All bolt hole s shall be exact size and washers shall be 2.5 x the bolt

INSPECTIONS

11 - Barrenjoey Consulting Engineers shall only inspect works within its capacity

POOL DETAILING

DETAILING

12 - Barrenjoey Consulting Engineers will not inspect or certify foundation

Completed Stormwater Management systems

15 - All re inspection required due to no compliance with issued drawings or that whom requested them.

16 - No certification will be given for works not inspected by Barrenjoey

17-48 Hrs notice is required for any inspection within the Sydney region and 72

48 IRRUBEL ROAD SWIMMING POOL for ~ K. LONG **PROPOSED NEWPORT**

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Avalon NSW 2107

Stormwater

POB0x 672

Barrenjoey Consulting Engineers pulled

PROJECT:

Structural

DRAWING:

GENERAL NOTES

Job No 91202

Drawing No:

Document Certification

Barrenjoey Consulting Engineers pty ltd

Lucas Molloy MIEA CPENS NPER Director

per

