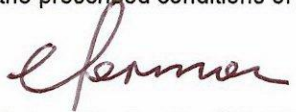


POSTED
19/10/15

RECEIVED
22 OCT 2015
PITTWATER COUNCIL

BUILDING CERTIFIERS
form

FINAL OCCUPATION CERTIFICATE 2015-265

Date Application Received	06.10.10		
Council	Pittwater Council	DA Number	N0413/10
Occupation Certificate No.	2015-265	Date Approved	
CC No.	2010-244	Date Approved	07/10/10
Certifying Authority	Craig Formosa		
Accredited Certifier	Craig Formosa	Accreditation No.	BPB0124
Accreditation Body	Building Professionals Board		
APPLICANT DETAILS			
Name	Ben Eggleton	Contact Number	0419277900
Address	55 Binburra Ave, Avalon Beach NSW 2107		
OWNER DETAILS			
Name	Ben Eggleton & Nicole Thornton		
Address	55 Binburra Ave, Avalon Beach NSW 2107		
DEVELOPMENT DETAILS			
Subject Land	55 Binburra Ave, Avalon Beach	Lot No.	50 DP 22275
Description of Development	Substantial alterations and additions to the existing dwelling		
Class of Building	1a, 10a, 10b	Value of Work	\$276,000.00
THE BUILDING IS SUITABLE FOR OCCUPATION			
Certificates Attached	Mandatory Inspection Reports, Basix Completion Receipt, Structural Engineer, Geotechnical Engineer, Hydraulic Engineer, Pool Plumbing, Waterproofing, Glazing – Window/Doors/Shower/Balustrade, Electrical/Smoke Alarm,		
RECORD OF INSPECTIONS			
Site Inspection prior to issue of Construction Certificate	06/10/10		
Footing/Piers - prior to concrete pour	11/10/10, 6/5/11		
Timber Frame – prior to lining	02/11/10 & 16/11/10, 27/11/11		
Slab Steel – prior to concrete pour	17/12/10		
Waterproofing	30/11/10, 11/10/10		
Stormwater	06/08/15		
Pool Steel Reinforcement	06/08/15		
Pool Barrier	07/11/11, 06/08/15, 07/10/15		
Final Inspection – issue of Occupation Certificate	06/08/15, 07/10/15		
CERTIFICATION			
<p>I, Craig Formosa, as the certifying authority am satisfied that;</p> <ul style="list-style-type: none"> (a) the building will not constitute a hazard to the health or safety of the occupants, (b) a current Development Application is in force for the building, (c) a current Construction Certificate has been issued for the building in respect to the plans and specifications for the building, (d) the building is suitable for its use under the Building Code of Australia, and (e) all the prescribed conditions of development consent have been satisfied. <p>Signed:  Date: 15/10/15</p> <p>PCA Accreditation No. BPB0124 Accreditation Body: Building Professionals Board</p>			

\$36. PRVC

Rec: 386697 22/10

Structural Certificate

Date: 27 July 2015 Job No. 100736
Builder: BHE Building Pty Ltd Engineer: BS
Site: 55 BINBURRA AVENUE, AVALON

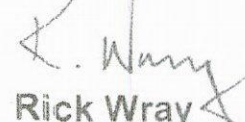
Brad Seghers of Northern Beaches Consulting Engineers P/L inspected the additions and alterations to the above building during construction.

We hereby certify that the construction of the reinforcement to footings, retaining walls and slabs, and the first floor and roof framing, as detailed on the structural plans by Northern Beaches Consulting Engineers P/L (Job No: 100736), is generally in accordance with the above mentioned drawings, the site instructions issued during construction and Australian Standards AS 2870, AS 4678, AS 3600, AS 1170.1, AS 4100 and AS 1684.

This certificate does not relate to and we assume no responsibility for the certification of any structural or other elements that have not been inspected by the companies' representatives or are not referred to in this certificate.

We trust that this certificate meets with your requirements. Please contact the author if further clarification is required.

NORTHERN BEACHES CONSULTING ENGINEERS P/L


Rick Wray
BE CPEng NPER Director

X:\ENG\NBC\2010\100736 - 55 Binburra Ave\SC001.docx

Hydraulic Certificate

Date: 24 September 2015

Job No. 100736

Client: BHE Building Pty Ltd

Engineer: PM / BS

Site: 55 BINBURRA AVENUE, AVALON

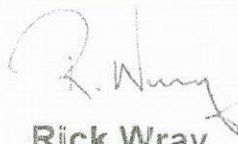
Brad Seghers of Northern Beaches Consulting Engineers P/L has inspected the installed stormwater management system at the above building.

We hereby certify that the works have been carried out in general accordance with the plans prepared by Northern Beaches Consulting Engineers P/L (Job No: 100736, Dwg No's: D01B, D02B), the site instructions issued and Pittwater Council's policy B5 of Pittwater 21 DCP (2008).

We trust that this certificate meets with your requirements. Please contact the author if further clarification is required.

Note: This certification does not mitigate the responsibility of the owners of the property to properly maintain the existing stormwater management system.

NORTHERN BEACHES CONSULTING ENGINEERS P/L



Rick Wray

BE MIEAust CPEng NPER Director

\\NB\SBS\Company\Synergy\Projects\100736 55 BINBURRA AVENUE, AVALON\ENG Design\SW001.docx



EPOXY SEAL

*Family Owned and Operated
For over 25 years*

EPOXY-SEAL

A DIVISION OF HK CERAMICS PTY LTD
(Lic. No. R54686) A.C.N. 002 946 223 A.B.N. 28 002 946 223

Unit 1 No. 3 Carnarvon Road,
WEST GOSFORD, N.S.W. 2250
Ph: (02) 4324 1475 Fax: (02) 4323 1390

WATERPROOFING
• DOMESTIC AND
COMMERCIAL
• GOSFORD – SYDNEY
– NEWCASTLE –
WOLLONGONG

TRADE CONTRACTOR'S STATEMENT

JOB/ORDER NO:

INVOICE NO: 33103

TO/PRINCIPAL CONTRACTOR: B.H.E Carpentry

PRINCIPAL CONTRACTOR ABN:

TRADE CONTRACTOR: HK CERAMICS PTY. LTD. – ABN: 28 002 946 223

NATURE OF CONTRACT WORK: Waterproofing to bathroom wet areas

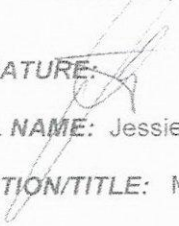
JOB/PROJECT ADDRESS: 55 Binburra Avenue, Avalon

COMPLETION/CONTRACT DATE: 31 August 2011

PROGRESS CLAIM/INVOICE AMOUNT: \$ 557.81

HK CERAMICS PTY LTD t/as HK EPOXYSEAL STATES:

- (a) that all remuneration payable to HK Ceramics Pty Limited's employees has been paid for work done under the contract and to which payment relates;
- (b) that all insurances required under the contract (including Public Liability – AMP policy no: AMY 0193641) have been and are in effect;
- (c) that HK Ceramics Pty Limited is registered as an employer under the Pay-Roll Tax Act 1971 (pay-roll tax client no: 82846049);
- (d) that all Pay-Roll Tax payable by HK Ceramics Pty Limited in respect of wages paid or payable to the relevant employees during any period of the contract for work done in connection with the contract has been paid;
- (e) that all Worker's Compensation insurance premiums (Allianz – Policy no: MWK 0005359 033) payable by HK Ceramics Pty Limited in respect of the work done in connection with the contract, during any period of the contract has been paid;
- (f) HK Ceramics Pty Limited IS NOT a principal contractor in connection with that work.

SIGNATURE: 

FULL NAME: Jessie Taylor

POSITION/TITLE: Managing Director

DATE: 31 August 2011



EPOXY SEAL

Family Owned and Operated

For over 25 years

EPOXY-SEAL

A DIVISION OF HK CERAMICS PTY LTD
(Lic. No. R84688) A.C.N. 002 946 223 A.B.N. 28 002 946 223

Unit 1 No. 3 Carnarvon Road,
WEST GOSFORD, N.S.W. 2250
Ph: (02) 4324 1475 Fax: (02) 4323 1390

WATERPROOFING

- DOMESTIC AND COMMERCIAL
- GOSFORD – SYDNEY
– NEWCASTLE –
WOLLONGONG

WET AREA

CERTIFICATE OF COMPLETION

We, HK Epoxyseal (a division of HK Ceramics Pty. Ltd. ABN: 28 002 946 223)
Waterproofing Contractor's Licence No: R 84688 certify that the internal wet areas at:

JOB ADDRESS: 55 Binburra Avenue, Avalon

FOR: B.H.E Building Pty. Ltd. – P.O. Box 518, Avalon Beach NSW 2107

were waterproofed with the HK Epoxyseal System on the:

COMPLETION DATE: 25 February 2011

according to manufacturer's instruction and Australian Standard Waterproofing of Domestic Wet Areas AS 3740-2010, and hereby complies with the requirements of the Building Code of Australia Volume 2 Class 1 and 10 Buildings/2010.

- The HK Epoxyseal System has been tested for VOC (Volatile Organic Compounds) certification and has been certified as being '**Green**' according to BCA requirements. Both HK Epoxy Seal and HK Epoxy Coat were tested (completion dated 23 July 2009) using the SCAQMD Method 304-91 Determination of Volatile Organic Compounds (VOC) in Various Materials as referenced by South Coast Air Quality Management Division (SCAQMD) Rule 1168 and passed.
- The HK Epoxyseal System has been tested (test report no: 2582 dated 24 May 2010) by the Industrial Research Services Department of the CSIRO and has passed the Australian/New Zealand Standard AS/NZ 4858:2004 Wet Area Membranes – Appendix A: Assessment of Durability of Waterproofing membranes – in accordance with the Registered Testing Authority – Building Code of Australia.

Yours faithfully
HK Ceramics Pty. Ltd.
t/as HK Epoxyseal

Jessie Taylor
Managing Director.



Thursday, 15 October 2015

POOL PLUMBING COMPLIANCE STATEMENT

SITE ADDRESS: 55 Binburra Avenue, Avalon Beach NSW 2107

STATEMENT 1:

This document is to certify and attest that all plumbing including systems & components at the above address have been tested and checked and comply with AS1926.3 -2010 - Swimming Pool Safety – Water Reticulation Systems & the Building Code of Australia.

Signed:

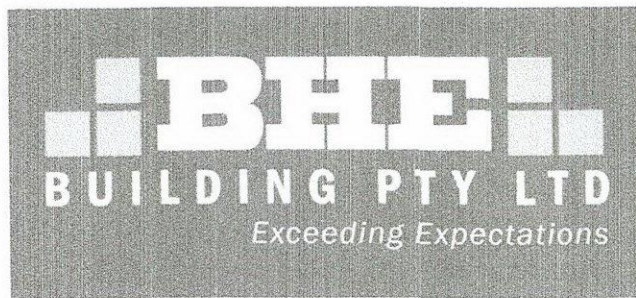
A handwritten signature in blue ink, appearing to read 'Ben Eggleton', is written over a faint horizontal line.

Ben Eggleton
Director

BHE Building Pty Ltd
'Exceeding Expectations'
www.bhebuilding.com.au
PO Box 518 Avalon Beach NSW 2107
E: info@bhebuilding.com.au

P: 02 8064 7695
Builders Lic: 167096C

F: 02 9918 2342
ABN 84 105 289 218



Thursday, 15 October 2015

TERMITE TREATMENT / PREVENTION COMPLIANCE STATEMENT

SITE ADDRESS: 55 Binburra Avenue, Avalon Beach NSW 2107

STATEMENT 1:

This document is to certify and attest that all 'Primary Building Elements' constructed of timber and used on the above property are H2 treated and/or are protected by use of ant caps on all piers. Therefore the new Building works (First Floor Addition) carried out by BHE Building Pty Ltd at the above address comply with 3.1.3 Termite Risk Management (b)(ii) of the BCA 2011 and AS3660.1 Appendix D

Signed:

Ben Eggleton
Director

BHE Building Pty Ltd
'Exceeding Expectations'
www.bhebuilding.com.au
PO Box 518 Avalon Beach NSW 2107
E: info@bhebuilding.com.au

P: 02 8064 7695
Builders Lic: 167096C

F: 02 9918 2342
ABN 84 105 289 218

Form Building Certifiers Pty Ltd
PO Box 1824, DEE WHY NSW 2099
Phone: 8021 9313 Fax: 8021 9313



BUILDING INSPECTION RESULT SHEET

REQUESTED INSPECTION TYPE:

Site Inspection ✓

APPLICATION DETAILS:

Date App. Received:	06/10/10
Property Address:	55 Burburra Ave, Avalon
Development Type:	Alts + Add's
Company Name:	
Owners Name & No.:	Eggleton / Thornton
DA No. (If Applicable):	N0413/10

OBSERVATIONS FROM SITE VISIT:

Application Type	Possibly CD	CC only
Site Access		
Stormwater Drainage		
Kerb & Gutter		
Overhead Power Lines		
Easements		
Tree Removal		
Bushfire Hazard		
Flooding	Likely or not likely?	
Slope of Block		
Retaining Walls		
Set Backs		
Sewer Mains		
Fire Safety Measures (Class 2-9 Only)	Fire Hydrant <input type="checkbox"/> Fire Hose Reels <input type="checkbox"/> Exit Signs <input type="checkbox"/> Portable Fire Extinguishers <input type="checkbox"/> Emergency Lighting <input type="checkbox"/> Other <input type="checkbox"/>	
* Do the plans and specifications adequately & accurately depict existing site conditions and/or existing buildings? Yes <input checked="" type="checkbox"/> / No <input type="checkbox"/>		
* Are there any features of the site or buildings that would mean the development cannot be CD or comply with the BCA? Yes <input type="checkbox"/> / No <input checked="" type="checkbox"/> If Yes, give details: _____		
Has any building work commenced? Yes <input type="checkbox"/> / No <input checked="" type="checkbox"/> If Yes, give details: _____		

Comments:

...site... inspection & pick up all documentation
.....
.....
.....

Name of Certifier & Accreditation Number	Craig Formosa BPB0124	
Date of Inspection	06/10/10	


INSPECTION REPORT

<input checked="" type="checkbox"/> Owner <input type="checkbox"/> Applicant <input type="checkbox"/> Builder <input type="checkbox"/> Other _____													
Name <u>Eggleston</u>	Tel _____												
PREMISES													
<u>55 Burbung Ave, Avalon</u>													
INSPECTION TYPE(S)													
<table style="width: 100%;"> <tr> <td><input type="checkbox"/> Commence Work</td> <td><input checked="" type="checkbox"/> Footings</td> <td><input type="checkbox"/> Floor Slab/Reo/Membrane</td> </tr> <tr> <td><input type="checkbox"/> Framework</td> <td><input checked="" type="checkbox"/> Waterproof Wet Area</td> <td><input type="checkbox"/> Stormwater/Drains</td> </tr> <tr> <td><input type="checkbox"/> Completion/Final</td> <td><input type="checkbox"/> Roof Frame</td> <td><input type="checkbox"/> Pool Fence</td> </tr> <tr> <td><input type="checkbox"/> _____</td> <td><input type="checkbox"/> _____</td> <td><input type="checkbox"/> _____</td> </tr> </table>		<input type="checkbox"/> Commence Work	<input checked="" type="checkbox"/> Footings	<input type="checkbox"/> Floor Slab/Reo/Membrane	<input type="checkbox"/> Framework	<input checked="" type="checkbox"/> Waterproof Wet Area	<input type="checkbox"/> Stormwater/Drains	<input type="checkbox"/> Completion/Final	<input type="checkbox"/> Roof Frame	<input type="checkbox"/> Pool Fence	<input type="checkbox"/> _____	<input type="checkbox"/> _____	<input type="checkbox"/> _____
<input type="checkbox"/> Commence Work	<input checked="" type="checkbox"/> Footings	<input type="checkbox"/> Floor Slab/Reo/Membrane											
<input type="checkbox"/> Framework	<input checked="" type="checkbox"/> Waterproof Wet Area	<input type="checkbox"/> Stormwater/Drains											
<input type="checkbox"/> Completion/Final	<input type="checkbox"/> Roof Frame	<input type="checkbox"/> Pool Fence											
<input type="checkbox"/> _____	<input type="checkbox"/> _____	<input type="checkbox"/> _____											
RESULT													
<input checked="" type="checkbox"/> Satisfactory <input type="checkbox"/> Unsatisfactory requires attention as follows and <input type="checkbox"/> NO reinspection required <input type="checkbox"/> Reinspection required													
<u>- 400 mm x 600 mm deep with 3-12 TM top & btm</u> <u>with wgs @ 400 mm centres</u>													
<u>- Piers below footing approximately 2.5 - 1m deep</u> <u>@ 350 mm diameter down to solid rock with</u> <u>galvanised N-12 x 2 per pier</u>													
<u>- waterproofing to bathroom satisfactory</u> <u>- Structural Engineer to provide certification & geotechnical</u> <u>to inspect and certify</u>													
And the following if indicated: <input type="checkbox"/> Compliance with condition(s) <input type="checkbox"/> A separate notice/letter will be forwarded in the near future <input type="checkbox"/> Please advise FORM Building Certifiers on completion of work <input type="checkbox"/> The above mentioned work MUST be completed by ____/____/20____ <input type="checkbox"/> The above mentioned work MUST be completed PRIOR to OCCUPATION													
<u>form 0124</u> Accredited Certifier	<u>11 / 10 / 20 10</u> Date												

FORM Building Certifiers Pty Ltd ABN 76 134 030 710 | PO Box 1824, Dee Why NSW 2099 | T/F +61 2 8021 9313 | info@formbc.com | www.formbc.com


INSPECTION REPORT

0352

<input checked="" type="checkbox"/> Owner <input type="checkbox"/> Applicant <input type="checkbox"/> Builder <input type="checkbox"/> Other _____			
Name <u>BHE</u>		Tel _____	
PREMISES			
<u>55 BINDURRA AVE, ARALON</u>			
INSPECTION TYPE(S)			
<input type="checkbox"/> Footings/Piers	<input type="checkbox"/> Frame/Floor	<input checked="" type="checkbox"/> Waterproofing	
<input type="checkbox"/> Slab Reinforcement	<input type="checkbox"/> Frame/Wall & Roof	<input type="checkbox"/> Final/Interim	
<input type="checkbox"/> Stormwater	<input type="checkbox"/> Pool Steel	<input type="checkbox"/> Final/Completion	
<input type="checkbox"/> Complaint	<input type="checkbox"/> Pool Fence	<input type="checkbox"/> _____	
RESULT			
<input checked="" type="checkbox"/> Satisfactory <input type="checkbox"/> Unsatisfactory – requires attention as follows – and <input type="checkbox"/> NO reinspection required <input type="checkbox"/> Reinspection required			
<u>- WATERPROOFING MEMBRANE APPLIED TO WET AREA</u>			
<u>DONE IN ACCORDANCE TO BCA REQUIREMENTS</u>			
<u>- WATERPROOFING CONTRACTOR TO SUPPLY CERTIFICATE OF</u>			
<u>COMPLIANCE</u>			
By signing below I agree to completing the following works listed in this Inspection Report.			
_____ Builder/Owner Builder		_____ / _____ / 20____ Date	
 Accredited Certifier - BPB <u>1714</u>		<u>30</u> / <u>11</u> / 20 <u>10</u> Date	

INSPECTION REPORT

0386

<input checked="" type="checkbox"/> Owner <input type="checkbox"/> Applicant <input type="checkbox"/> Builder <input type="checkbox"/> Other _____			
Name <u>BHK</u>		Tel _____	
PREMISES			
<u>55 BINBORRA AVE, AVALON</u>			
INSPECTION TYPE(S)			
<input type="checkbox"/> Footings/Piers	<input type="checkbox"/> Frame/Floor	<input type="checkbox"/> Waterproofing	
<input checked="" type="checkbox"/> Slab Reinforcement	<input type="checkbox"/> Frame/Wall & Roof	<input type="checkbox"/> Final/Interim	
<input type="checkbox"/> Stormwater	<input type="checkbox"/> Pool Steel	<input type="checkbox"/> Final/Completion	
<input type="checkbox"/> Complaint	<input type="checkbox"/> Pool Fence	<input type="checkbox"/> _____	
RESULT			
<input checked="" type="checkbox"/> Satisfactory <input type="checkbox"/> Unsatisfactory – requires attention as follows – and <input type="checkbox"/> NO reinspection required <div style="margin-left: 500px;"><input type="checkbox"/> Reinspection required</div>			
<u>- STEEL REINFORCEMENT DONE GENERALLY TO ENGINEERS SPECIFICATIONS</u>			
<u>- Engineer on site @ time of inspection & provided report for reinforcement details on bondok slabs</u>			
By signing below I agree to completing the following works listed in this Inspection Report.			
_____ Builder/Owner Builder		_____ / _____ / 20____ Date	
 Accredited Certifier - BPB <u>1714</u>		<u>17</u> / <u>12</u> / 20 <u>10</u> Date	

INSPECTION REPORT

1558

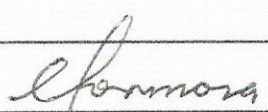
<input type="checkbox"/> Owner		<input type="checkbox"/> Applicant		<input checked="" type="checkbox"/> Builder		<input type="checkbox"/> Other _____	
Name			ARCHITECTURAL POOLS/BHE			Tel _____	
PREMISES							
55 BINBURRA AV, AVARON							
INSPECTION TYPE(S)							
<input type="checkbox"/> Footings/Piers		<input checked="" type="checkbox"/> Frame/Floor		<input type="checkbox"/> Waterproofing			
<input type="checkbox"/> Slab Reinforcement		<input checked="" type="checkbox"/> Frame/Wall & Roof		<input type="checkbox"/> Final/Interim			
<input type="checkbox"/> Stormwater		<input type="checkbox"/> Pool Steel		<input type="checkbox"/> Final/Completion			
<input type="checkbox"/> Complaint		<input type="checkbox"/> Pool Fence		<input type="checkbox"/> _____			
RESULT							
<input checked="" type="checkbox"/> Satisfactory							
<input type="checkbox"/> Unsatisfactory – requires attention as follows – and <input type="checkbox"/> NO reinspection required							
<input type="checkbox"/> Reinspection required							
- FLOOR & WALL FRAMEWORK TO LOWER LEVEL & 1 ST FLOOR							
DONE SATISFACTORY & IN ACCORDANCE TO THE							
ENGINEERS DETAILS							
- ADEQUATE BRACING IN PLACE & AS PER ENGINEERS							
DETAILS							
- ROOF FRAME ALL DONE SATISFACTORY							
By signing below I agree to completing the following works listed in this Inspection Report.							
_____ Builder/Owner Builder				_____/_____/20 Date			
_____ Accredited Certifier - BPB 1714				27, 7 / 20 11 Date			

FORM Building Certifiers Pty Ltd ABN 76 134 030 710 | PO Box 1824, Dee Why NSW 2099 | T/F +61 2 8021 9313 | info@formbc.com | www.formbc.com

INSPECTION REPORT 6435

<input type="checkbox"/> Owner <input type="checkbox"/> Applicant <input checked="" type="checkbox"/> Builder <input type="checkbox"/> Other _____	
Name <u>BITE Building</u>	Tel/Email _____
PROPERTY ADDRESS	
<u>55 Bunburra Ave, Avalon</u>	
INSPECTION TYPE	
<u>Final + Stormwater + Pool fence.</u>	
INSPECTION OUTCOME	
Certifier Opinion	Action Required (read with NOTES below)
<input type="checkbox"/> Inspection stage is Satisfactory	<input type="checkbox"/> NO re-inspection required
<input type="checkbox"/> Inspection stage is Satisfactory subject to Action Required	<input checked="" type="checkbox"/> Re-inspection required
<input checked="" type="checkbox"/> Inspection stage is Not Satisfactory	<input checked="" type="checkbox"/> Tick if result has also been given verbally
NOTES	
① Provide balustrade from rear stair from carport (✓) ② Provide wheel stop / crash barrier from to rear of carport (✓) ③ Continue stair construction down side of dwelling, block any gaps between rises 7125mm. (✓) ④ Provide balustrades / + handrails to all landings and stairs to comply to the BCA. ⑤ Erect a resuscitation sign (✓) ⑥ All boundary fences surrounding the pool enclosure are not 1.8m in height (range 1.2m - 1.6) above the level of the pool enclosure (✓) ⑦ All boundary fences require the internal rails to be either covered or non-climbable. (✓) ⑧ Provide the following compliance certificates - waterproofing Structural Engineer (includes floor / wall / roof frames + footings / slabs etc), Form 3 - Geotechnical engineer, smoke alarms, termite control, Glazing (windows / doors / balustrades)	
<u>Former</u> Accredited Certifier - BPB <u>0127</u>	<u>6 / 8 / 20 15</u> Date

INSPECTION REPORT 3263

<input type="checkbox"/> Owner <input type="checkbox"/> Applicant <input checked="" type="checkbox"/> Builder <input type="checkbox"/> Other _____	
Name <i>BHE Building.</i>	Tel/Email
PROPERTY ADDRESS	
<i>55 Binburra Ave, Avalon.</i>	
INSPECTION TYPE	
<i>Final - reinspection</i>	
INSPECTION OUTCOME	
Certifier Opinion	Action Required (read with NOTES below)
<input checked="" type="checkbox"/> Inspection stage is Satisfactory <input type="checkbox"/> Inspection stage is Satisfactory subject to Action Required <input type="checkbox"/> Inspection stage is Not Satisfactory	<input type="checkbox"/> NO re-inspection required <input type="checkbox"/> Re-inspection required <input type="checkbox"/> Tick if result has also been given verbally
NOTES	
<i>- Balustrades provided to areas where stairs were > 1.0m above ground level (now ok)</i> <i>- All matters with the pool fencing now resolved, ground level to the western side boundary fence reduced to create a 1.8m high boundary barrier. New boundary fence erected along rear.</i> <i>All vegetation non climbable @ time of inspection. (new ok)</i> <i>Provide all outstanding certificates to issue oc.</i>	
<div style="display: flex; justify-content: space-between;"> <div>  Accredited Certifier - BPB <i>0124</i> </div> <div> <i>7 / 10 / 2015</i> Date </div> </div>	

Contact RHE BUILDING

Ph No.

Address 55 BINBURRA AVE, AVALON

DA No. NO 413 / 10

CC No. 2010 / 244

CDC No.

☒

Submission of a compliance certificate from an appropriately qualified person verifying the waterproofing of all wet areas were carried out in accordance with the requirements of AS 3740 - Waterproofing of Wet Areas in Residential Buildings.

☒

Submission of a certificate from a licensed Electrician confirming all required smoke alarms have been installed in accordance with the requirements of Part 3.7.2 of the Building Code of Australia (Vol. 2).



Submission of a glazing certificate confirming all glazing has been supplied and installed to satisfy the requirements of AS 1288-2006.



Submission of a certificate from a licensed Pest Controller confirming termite protections have been provided in accordance with AS 3660.1.



Confirming all requirements have been satisfied.



Submission of a certificate from an appropriately qualified NPER Civil Engineer verifying the adequacy of the stormwater drainage system as installed.



Submission of a certificate from Registered Surveyor confirming the set-out of building & finished ridge height.



A Resuscitation Chart is to be affixed and displayed within the swimming pool area.

Reinspection

Accredited Certifier - BPB 0124

Date _____

FRAMELESS GLASS & GLAZING

ABN 43 153 267 791 BRN BN98595647

GLAZING CONTRACTORS LICENCE No. 181013C

PO BOX 668 MOOREBANK 1875. PHONE 9773 7766. FAX 9773 7799 MOB 0412 903 903

CERTIFICATE OF COMPLIANCE

TO : BHE BUILDING PTY LTD
55 BINBURRA AVENUE
AVALON, NSW 2107

DATE : 23rd DECEMBER, 2013

PROJECT ADDRESS : 55 BINBURRA AVENUE, AVALON

PROJECT DESCRIPTION : FRAMELESS GLASS POOL FENCE

This is to certify that the 12mm Clear Toughened 'A' grade safety glass supplied and installed by Frameless Glass & Glazing, for the **Frameless Glass Pool Fence Enclosure** is manufactured to Australian Standard AS 2208-2006 "Safety glazing Materials" for the use in buildings (Human Impact Considerations), installed to Australian Standard AS 1288-2006 (Section 5, Human Impact Safety Requirements.), AS 1926-2010 "Swimming Pool Safety" and complies with the Building Code of Australia (BCA) and local council requirements. BG1.1(e) of the BCA and AS 1926.3-2010 and AS1926.1-2007

Nicholas Commisso



Authorised signatory

FRAMELESS GLASS & GLAZING

ABN 43 153 267 791 ERN BN98595647

GLAZING CONTRACTORS LICENCE No. 181013C

PO BOX 668 MOOREBANK 1875. PHONE 9773 7766. FAX 9773 7799 MOB 0412 903 903

CERTIFICATE OF COMPLIANCE

TO : BHE BUILDING PTY LTD
 55 BINBURRA AVENUE
 AVALON, NSW 2107

DATE : 23rd DECEMBER, 2013

PROJECT ADDRESS : 55 BINBURRA AVENUE, AVALON

PROJECT DESCRIPTION : FRAMELESS GLASS SHOWER SCREEN

This is to certify that the 10mm Clear Toughened 'A' grade safety glass supplied and installed by Frameless Glass & Glazing, for the Frameless Glass Shower Screens to Lower Level Bathroom, is manufactured to Australian Standard AS 2208 "Safety glazing Materials" for the use in buildings (Human Impact Considerations), installed to Australian Standard AS 1288 (Section 5, Human Impact Safety Requirements.)

Nicholas Commisso



Authorised signatory

FRAMELESS GLASS & GLAZING

ABN 43 153 267 791 BRN BN98595647

GLAZING CONTRACTORS LICENCE No. 181013C

PO BOX 668 MOOREBANK 1875. PHONE 9773 7766. FAX 9773 7799 MOB 0412 903 903

CERTIFICATE OF COMPLIANCE

TO : BHE BUILDING PTY LTD
55 BINBURRA AVENUE
AVALON, NSW 2107

DATE : 23rd DECEMBER, 2013

PROJECT ADDRESS : 55 BINBURRA AVENUE, AVALON

PROJECT DESCRIPTION : FRAMELESS GLASS BALUSTRADE FOR INTERNAL
STAIRWELL & EXTERNAL BALCONIES

This is to certify that the **12mm Clear Toughened 'A' grade safety glass** supplied and installed by Frameless Glass & Glazing, for the **Frameless Glass Internal Stairwell & Top Void, Upper and Lower External Rear Balconies and Front Entrance**, is manufactured to Australian Standard AS 2208 "Safety glazing Materials" for the use in buildings (Human Impact Considerations), installed to Australian Standard AS 1288 (Section 5, Human Impact Safety Requirements.) and to Australian Standard AS 1170-1989 for Minimum design loads on structures (known as the SAA Loading Code) AS 1170.1-1989 Dead and live loads and load combinations

Nicholas Commisso



Authorised signatory

STEGBAR

A JELD-WEN Company

Compliance Certificate

Stegbar Pty Ltd certifies that the windows and doors supplied to:

Address:

55 BINBURRA AVENUE AVALON NS 2107

Order Number:

114733

Cust Po:

Delivery Date:

22/06/11

have been manufactured to comply with:

○ Australian Standards AS2047 - 1999

○ Australian Standards AS1288 - 2006

Stegbar products have been tested and passed by a N.A.T.A accredited test laboratory.

Stegbar provides a 7 year guarantee against faulty workmanship and materials.

Stegbar Representative

Fiona MacRitchie

Date

22/06/11

The Builder/Installer certifies that the windows and doors supplied have been installed into the correct openings.

Builder/Installer

B. L.

Date

CERTIFICATE OF COMPLIANCE – ELECTRICAL WORK

Customer COPY

CERTIFICATE NO: 2136515

CUSTOMER DETAILS

Name	BEN ELLINGTON	Telephone Contact	049277700
Site Address	55 BINBURCA AV MILTON	Meter No.	SN 21201487 BET 007087
Cross Street	MILGA	Postcode	2107
		NMI (if applicable)	

INSTALLATION WORK DETAILS indicate the type of installation and types of work performed under this Notice

Type of Installation	<input checked="" type="checkbox"/> Residential	<input type="checkbox"/> Commercial	<input type="checkbox"/> Industrial	<input type="checkbox"/> Rural	<input type="checkbox"/> Other
Special Conditions	<input type="checkbox"/> over 100 amps	<input type="checkbox"/> High Voltage	<input type="checkbox"/> Hazardous Area	<input type="checkbox"/> Generator	<input type="checkbox"/> Unmetered Supply

CERTIFICATE MUST BE ISSUED TO THE CUSTOMER FOR ALL ELECTRICAL WORK

Work of the following type must ALSO be notified to the ELECTRICITY DISTRIBUTOR (DNSP)

<input type="checkbox"/> New Installation	<input type="checkbox"/> Network connection or metering
<input checked="" type="checkbox"/> Additions or alterations to a switchboard or associated equipment	<input type="checkbox"/> Defect Rectification No.

DETAILS OF EQUIPMENT

Describe the equipment and estimate load increase of the work affected by this Notice.
If insufficient space attach separate sheets.

EQUIPMENT	RATING	No.	PARTICULARS OF WORK
<input checked="" type="checkbox"/> Switchboards	63A 3φ	23	MAIN 3/φ 1250V 6000S 3φ 16mm XPE
<input checked="" type="checkbox"/> Circuits	16A, 20A, 25, 40A	21	INSTALL H/NIRSD SMOKE DETECTORS TO AS3786
<input checked="" type="checkbox"/> Lighting	16A	80	DUB, LED LBS, Red LBS & 6x4 PMS
<input checked="" type="checkbox"/> Socket-outlets	20A	70	Single outlets
<input type="checkbox"/> Appliances	25A	1	OVEN
Estimated increase in load A/ph		45.1	<input checked="" type="checkbox"/> Increased load is within capacity of installation/service mains
<input checked="" type="checkbox"/> Work is connected to supply			<input type="checkbox"/> Work is not connected to supply pending inspection by DNSP

The work has been carried out
or supervised by

Licence No: 144327C

TEST REPORT

Indicate the relevant tests and checks that have been performed on the work.
If test records are provided attach as separate sheets.

<input checked="" type="checkbox"/> Earthing system integrity Ω	<input checked="" type="checkbox"/> Residual current device operation
<input type="checkbox"/> Insulation resistance MΩ	<input checked="" type="checkbox"/> Visual check that installation is suitable for connection to supply
<input checked="" type="checkbox"/> Polarity	<input type="checkbox"/> Stand-alone power system complies with AS 4509
<input checked="" type="checkbox"/> Correct circuit connections	<input type="checkbox"/> Fault loop impedance (if necessary)

I confirm that I have carried out the above tests and visually checked that the installation work described in this Certificate complies with AS/NZS 3000 and is suitable for its intended use.

Name:	CHRIS HANNES	Licence No:	144327C
Signature:		Date of Testing:	11/9/15

CERTIFICATION

I, the Electrical Contractor give notice to the Customer and
(Name of DNSP or OFT), that the work described in this Certificate has been completed in accordance with the
Electricity (Consumer Safety) Regulation 2006

Name:	Chris Hannes	Licence No:	144327C
Signature:		Date of Notice:	11/9/15
Address:	37 KOURLING ST BENTLEY BEACH 2257	Telephone No. or Other Contact	0418860686

ELECTRICITY DISTRIBUTOR (DNSP) REMARKS

Inspected by:		Date:	
Comments:	SMOKE DETECTORS HARDWIRED & INSTALLED IN ACCORDANCE WITH AS3786		
	neca		

CROZIER - Geotechnical Consultants

Engineering Geologists & Geotechnical Engineers
(A Division of PJC Geo-Engineering Pty Ltd)

A.B.N 96 113 453 624

Unit 12 / 42-46 Wattle Road, Brookvale, NSW, 2100.

Phone: 9939-1882 Fax: 9939-1883

Date: 5th August 2015

No Page: 1 of 4

Project No.: 2010-082A

The Manager,
Development Compliance Office
Pittwater Council
Mona Vale Customer Service Centre,
Village Park, 1 Park Street,
Mona Vale, 2103.

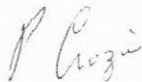
RE: Proposed Additions & Alterations at 55 Binburra Avenue, Avalon.

Recently we received a request from the Owner's Mr. & Mrs. Eggleton to inspect the completed works at the above site. We have inspected the site works during construction and recently on completion and are of the opinion that they were generally carried out in accordance with the recommendations in our report titled; "Geotechnical Investigation for Alterations and Additions at 55 Binburra Avenue, Avalon." Report Number: 2010-082, Dated: 21st June 2010.

Council's Form: 3 of the Risk Management Policy has been completed and enclosed with this letter. We would suggest that the maintenance schedule as detailed on the attached page and Table: 2 (copies enclosed) be set as minimal requirements for this site.

Hope the above information meets Councils requirements. If we can be of further assistance in regards to this matter please don't hesitate to contact the undersigned.

Yours faithfully,



Peter Crozier
MSc. MIE Aust. CPEng. NPER.
Registration Number: 691550.

Attached:

1. Maintenance Schedule.
2. Table: 2 Schedule.
3. Form: 3.

CROZIER – Geotechnical Consultants
Project No: 2010-082A, August, 2015.

Maintenance Schedule:

A recommended maintenance program for this site is given in Table: 2 and should also include the following guidelines

- The conditions on the block don't change from those present at the time this report was prepared, except for the changes due to this development.
- There is no change to the property due to an extraordinary event external to this site, and the property is maintained in good order and in accordance with the guidelines set out in:
 - a) CSIRO sheet No. 10-91 1988 and ,
 - b) The Australian Geomechanics article "Geotechnical Risk Associated with Hillside Development" Number10, December 1985, Australian Geomechanics Society, March 2007, Titled "Landslide Risk Management" in the Journal and News of the Australian Geomechanics Society, Volume 42, No 1 and,
 - c) Comply with the requirements of AS 2870 – 1996, Australian Standard for Residential Slabs and Footings.

Where changes to site conditions are identified during the maintenance and inspection program, reference should be made to relevant professionals (e.g. structural engineer, geotechnical engineer or Council).

It is assumed that Pittwater Council will carry out regular inspections of the soil slopes, trees, undergrowth on public land and reserve adjacent to the site so as to ensure that stability conditions do not deteriorate with potential increase in risk level to the site. And that individual Government Departments will maintain public utilities in the form of power & phone lines, water mains, gas, sewer and stormwater lines to ensure they don't leak and increase the local groundwater level, fire or landslide potential.

TABLE: 2

Recommended Maintenance and Inspection Program

Structure	Maintenance/ Inspection Item	Frequency
Stormwater drains,	Owners to inspect to ensure that the drains, and pipes are free of debris & sediment build-up. Clear surface grates and litter.	Every year or following each major rainfall event.
Retaining Walls.	Owners to inspect walls for deviation from as constructed condition.	Every two years or following major rainfall event.
Large Trees on or adjacent to site	Arborist to check condition of trees and remove branches as required.	Every five years
Slope Stability	Hydraulics (stormwater) & Geotechnical Consultants to check on site stability at same time and provide report. Owners to inspect after every major storm event.	One year after construction is completed.

N.B. Provided the above schedule is maintained the design life of the property should conform with Pittwater Councils Risk Management Policy.

GEOTECHNICAL RISK MANAGEMENT POLICY FOR PITTWATER
FORM NO. 3 – Post Construction Geotechnical Certificate to be submitted with
Occupation Certificate or Subdivision Certificate

Development Application for _____
 Name of Applicant

Address of site 55 Binburra Avenue, Avalon

Declaration made by geotechnical engineer on completion of the Development

I, Peter Crozier on behalf of Crozier Geotechnical Consultants

on this the 5th August 2015
 certify that I am a Geotechnical Engineer, Engineering Geologist and ~~Coastal Engineer~~ as defined by the Geotechnical Risk Management Policy for Pittwater - 2009. I am authorised by the above ~~organisation~~/company to issue this document and to certify that the ~~organisation~~/company has a current professional indemnity policy of at least \$2million. I prepared and/or verified the Geotechnical Report as per Form 1 dated referred to below.

Geotechnical Report Details:

Report Title: Geotechnical Investigation for Alterations and Additions at 55 Binburra Ave, Avalon
 Report Date: 21st June 2010 Project No: 2010-082
 Author: Troy Crozier
 Author's Company/Organisation: Crozier Geotechnical Consultants

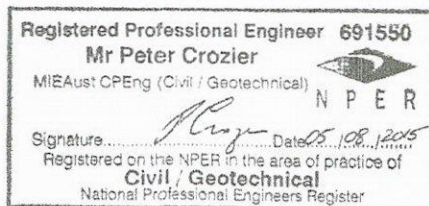
- ☐ I reviewed the original structural design, and where applicable the subsequently amended structural details (below listed) which have been incorporated into the completed project.
- ☒ I have inspected and/or am satisfied that the foundation materials, upon which the structural elements (as detailed in the original and amended structural documents) of the development have been erected, comply with the requirements specified in the Geotechnical Report and the Construction Certificate approved Structural Plans.
- ☐ I have inspected the site during construction and to the best of my knowledge, I am satisfied that the development referred to in the development consent D.A. _____ dated _____ (D.A.No) _____
 (Date consent given)

has been constructed in accordance with the intent of the Geotechnical Report, the requirements of the conditions of Development Consent and the Construction Certificate approved Structural Plans relating to the geotechnical issues (including any treatment and/or maintenance plan that may be required to remove risk where reasonable and practical).

I am aware that Pittwater Council require this certificate prior to issuing an occupancy certificate for the development identified above and will rely on this certificate in regard to the development having achieved the "Acceptable Risk Management" criterion defined in the Policy and that reasonable and practical measures have been taken to remove foreseeable risk.

List of all work as executed drawings and Ongoing Maintenance plans relevant to geotechnical risk management.

As per attached letter and Table 2 enclosed



CROZIER - Geotechnical Consultants

Engineering Geologists & Geotechnical Engineers

(A Division of PJC Geo-Engineering Pty Ltd)

A.B.N 96 113 453 624

Suite 202/30 Fisher Road, Dee Why, NSW, 2099.

Fax: 9401 9206 Phone: 9972 9578 Mobile: 0438 452 524

Date: 3rd December 2010

No Pages: 3

Fax

To: Ben Eggleton – BHE Building Pty. Ltd.

From: Peter Crozier

Fax No:

e-mail: info@bhebuilding.com.au

Re: 55 Binburra Road, Avalon.

Project No: 2010-082A

Fax: 1.

CC: Brad – N.B. Consulting Engineers

Fax: 9984 7444

☐ Urgent

☐ For Review

☐ Please Comment

☐ Please Reply

• **Comments:** Inspection of foundation pier holes drilling at above site on the 3rd December 2010.

Ben,

Inspected the base of 27 by 500 mm diameter pier holes drilled at the front of the house for the elevated driveway and carport to verify cleanliness of the pier base and bearing capacity of the bedrock.

The N.B. Consulting Engineers drawing number 10736-S07 requires 400mm dia. piers with an allowable bearing capacity of 600 kPa, and socket depth in excess of 200 mm into the insitu bedrock. Most piers inspected comply with these requirements, except for 3A & 4A.

We measured the depth of 27 individual pier holes at the same time as checking the bearing capacity, the results are tabulated below. Pier numbering starts in the lower south-west corner near the house and run from south to north in an eastward direction. Details of individual piers are listed below starting in upper south-west corner, depth was measured from the underside of strip footing for pier numbers 1 to 16 and from the sloping ground surface on the driveway road reserve, piers numbers 17 to 25;

Pier No:	P1	P2	P3	P3A	P4	P4A	P5	P6	P7
Pier Dia. (mm)	500	500	500	500	450	450	500	500	500
Depth (m)	0.85	1.00	1.20	0.65	1.45	0.55	1.60	1.00	1.60
Condition (Clean = C)	C	C	C	C	C	C	C	C	C
Pier No:	P8	P9	P10	P11	P12	P13	P14	P15	P16
Pier Dia. (mm)	500	500	500	500	500	500	500	500	500
Depth (m)	1.20	1.00	1.05	0.65	1.20	0.45	1.35	0.95	0.80
	C	C	C	C	C	C	C	C	C

If this communication contains personal information we expect you to treat that information in accordance with the Australian Privacy Act 1988 (Cth) or equivalent. If this communication is accidentally received by the wrong person please advise Author Immediately and destroy this fax.

Driveway Piers

Pier No:	P17	P18	P19	P20	P21	P22	P23	P24	P25
Pier Dia. (mm)	500	500	500	500	450	450	500	500	500
Depth (m)	2.10	1.80	1.80	2.45	2.30	2.10	2.80	2.40	2.20
Condition (Clean = C)	C	C	C	C	C	C	C	C	C

Many piers had groundwater and cuttings (Mud) in their base, this water was being removed prior to the concrete pour.

Hope the above comments meet your present needs.

Regards,

Peter Crozier.

CROZIER - Geotechnical Consultants

Engineering Geologists & Geotechnical Engineers

(A Division of PJC Geo-Engineering Pty Ltd)

A.B.N 96 113 453 624

Suite 203/30 Fisher Road, Dee Why, NSW, 2099.

Fax: 9971 1774 Phone: 9972 9578

Date: 30th May 2011

Site Inspection

To: Ben Eggleton – BHE Building Pty Ltd

From: Troy Crozier

Email: info@bhebuilding.com.au

Project No: 2010-082.A

Re: 55 Binburra Road, Avalon

No. of Pages: 1 Fax No.: 3

CC: Neilly Davies

Email: ndp@neillydavies.com.au

- **Comments:** Inspection of foundations for pool at above site on the 25th May 2011.

Ben,

We inspected the above site last Wednesday 25th May 2011 for assessment of the pool foundations. The majority of the bulk excavation for the pool was complete with the upper eastern edge up to 1.5m depth. This decreased to the west to nil due to the natural ground surface slope. The excavation exposed extremely weathered shale through the eastern three-quarters of the base and also within the upper eastern step. The south-west corner of the excavation graded to clay material as the excavation reached the pre-existing ground surface. Three piers were drilled down the southern edge of the pool with steel liners in place. All three piers extended >0.70m depth below the base of the pool excavation and intersected extremely weathered shale with ironstone bands at their base. All three were clean of spoil material.

The extremely weathered material at the base of the piers and the eastern portion of the pool excavation is suitable for an allowable bearing pressure of 600kPa. It is understood that piers will be drilled across the base of the pool excavation and also along the outer western edge of the pool. Provided these are all extended to similar extremely weathered material and are cleaned of all spoil they will be suitable for an allowable bearing pressure of 600kPa.

Hope the above comments meet your present needs.

Regards,

Troy Crozier
Senior Engineering Geologist

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CROZIER - Geotechnical Consultants

Engineering Geologists & Geotechnical Engineers

(A Division of PJC Geo-Engineering Pty Ltd)

A.B.N 96 113 453 624

Suite 203/30 Fisher Road, Dee Why, NSW, 2099.

Fax: 9971 1774 Phone: 9972 9578

Site Inspection

Date: 19th April 2011

To: Ben Eggleton – BHE Building Pty Ltd

From: Luke James-Hall

Email: info@bhebuilding.com.au

Project No: 2010-082.A

Re: 55 Binburra Road, Avalon

No. of Pages: 1 **Fax No.:** 2

CC: Brad Seghers- NB Consulting

Email: nb@nbconsulting.com.au

- **Comments:** Inspection of foundations at above site on the 19th April 2011.

Ben,

We inspected the above site today to confirm the bearing capacity of drilled piers on the rear side of the house structure. The depths of 8 piers were measured from the base of the edge beam. The depth ranged from surface to 3.95m depth, increasing in depth towards the west. The base of two 2 piers was tested, whilst the remainder had concrete in their base, previously poured to create a seal.

N.B. Consulting Engineers drawing number 10736-S07 requires 400mm dia. piers with an allowable bearing capacity of 600 kPa, and socket depth in excess of 200 mm into the insitu bedrock. The base of the 2 tested piers meets the above requirements. The base of the remainder could not be assessed, due to the concrete seal. These piers appear of similar depth therefore may have intersected suitable material.

The base of the retaining wall footing towards the rear boundary of the site was also tested. The base is within low strength bedrock which is suitable for 1000kPa allowable bearing pressure and meets the structural engineer's requirements. A large volume of softened rock and water was in the base of this excavation.

Some piers and the retaining wall footing had mud and/or water in their base. These affected footings will need to be cleaned prior to pouring concrete.

Hope the above comments meet your present needs.

Regards,

Luke James-Hall
Geotechnical Engineer

If this communication contains personal information we expect you to treat that information in accordance with the Australian Privacy Act 1988 (Cth) or equivalent. If this communication is accidentally received by the wrong person please advise Author Immediately and destroy this document.

CROZIER - Geotechnical Consultants

Engineering Geologists & Geotechnical Engineers

(A Division of PJG Geo-Engineering Pty Ltd)

A.B.N 96 113 453 624

Suite 202/30 Fisher Road, Dee Why, NSW, 2099.

Fax: 9401 9206 Phone: 9972 9578 Mobile: 0438 452 524

Date: 7th April 2011

No Pages: 1

Fax

To: Ben Eggleton – BHE Building Pty. Ltd.

From: Peter Crozier

e-mail: info@bhebuilding.com.au

Re: 55 Binburra Road, Avalon.

Project No: 2010-082A

Fax: 2.

CC: Brad – N.B. Consulting Engineers

e-mail: brad@nbconsulting.com.au

☐ Urgent

☐ For Review

☐ Please Comment

☐ Please Reply

• **Comments:** Inspection of foundation pier holes drilled at above site on the 7th April 2011.

Ben,

Inspected the base of four by 500 mm diameter pier holes drilled at the back NW corner of the house to support the bathroom to verify cleanliness of the pier base and bearing capacity of the bedrock.

The N.B. Consulting Engineers drawing number 10736-S07 requires 450mm dia. piers with an allowable bearing capacity of 600 kPa, and socket depth in excess of 200 mm into the insitu bedrock. The four piers inspected comply with these requirements.

Inspected the first of four 450 diameter piers being drilled near the western side of the house, designed to support two timber decks and roof above. The pier located in the lower south-west corner was at 2.0 m depth and socketed at least 0.3 m depth into medium strength sandstone. The foundation/base rock has a bearing capacity of at least 1500 kPa, well in excess of that required by the Engineer. We will need to inspect the rest of the piers if they require Certification.

We understand that a water tanks are to be placed upslope of this pier and a swimming pool excavation further down slope. The influence of these structures on the deck footings will need to be investigated before the concrete is poured in these piers.

Hope the above comments meet your present needs.

Regards,

Peter Crozier.

If this communication contains personal information we expect you to treat that information in accordance with the Australian Privacy Act 1988 (Cth) or equivalent. If this communication is accidentally received by the wrong person please advise Author Immediately and destroy this fax.

12 October 2015


The Principal Certifier
55 Binburra Avenue
Avalon NSW 2107

Dear Sir,

Re: Swimming Pool – 55 Binburra Avenue, Avalon

This is to certify that we have inspected on 10 June 2011 the steel reinforcement in place for the above swimming pool and consider that they are structurally adequate.

Yours faithfully,


MIE Aust CP Eng NPER 92996

Dr Bala Muhunthan
B.Sc., (Hon) Civil Eng., M. Eng. Sc., PhD, FICE, FIE Aust., CP Eng. NPER

12 October 2015


The Principal Certifier
55 Binburra Avenue
Avalon NSW 2107

Dear Sir,

Re: Swimming Pool – 55 Binburra Avenue Avalon

This is to certify that we have inspected on 27 May 2011 the excavation for the above swimming pool and consider that they are structurally adequate.

Yours faithfully,


MIE PRG CP ENG NPER 92996

Dr Bala Muhunthan

B.Sc., (Hon) Civil Eng., M. Eng. Sc., PhD, FICE, FIE Aust., CP Eng. NPER

