

straight up

THE MAGAZINE OF THE BUILDING OFFICIALS' INSTITUTE OF NEW ZEALAND

JUNE 2013



Multiproof Approvals page 5

2013 Excellence Award Winners page 8-9

Beacon Pathway - Getting Insulation Right page 12-13

SENIOR BUILDING CONTROL OFFICERS' FORUM

22 – 23 AUGUST 2013

Grand Chancellor James Cook Hotel, WELLINGTON

THURSDAY 22ND AUGUST 2013

FRIDAY 23RD AUGUST 2013

9.00am **Welcome – Stu Geddes**, Vice President
9.15am **Opening**, Mayor Celia Wade-Brown (*TBC*)
PANEL – SEISMIC PREPARATION – A WELLINGTON PERSPECTIVE
9.30am **Neville Brown**, Wellington City Council, Earthquake Resilience Manager – *Wellington Preparedness for the big one*
9.45am **Ann Clark**, MBIE, Programme Manager Royal Commission Canterbury – *Post Disaster Building Evaluation Toolkit Update TBC, A landlord/developer perspective on building seismic preparation*
10.00am **Panel Question and Answer Session**
10.15am **MORNING TEA**
10.30am **PANEL – SECTOR ACCOUNTABILITY: Where are we at and what are we doing?**
11.00am **Licensed Building Practitioners** – Mark Scully, LBP Registrar, MBIE
11.20am **Institute of Professional Engineers of NZ** – Charles Willmot, Manager of Investigations and Discipline
11.40am **NZ Institute of Architects** – Teena Hale Pennington, Chief Executive
12.00pm **MBIE on BCAs** – Peter Sparrow, Manager Consent Authority Capability & Performance Group, MBIE
12.15pm **Panel Question and Answer Session**
12.30pm **LUNCH**
EQ RESPONSES:
1.30pm **Malcolm MacMillan**, Earthquake Recovery Operations Manager – *Christchurch Earthquake Learning Update*
2.00pm **Paul Hobbs**, Senior Advisor – *TC1 → TC3 Land technical categories CHCH/NZ*
2.45pm **Association of Wall and Ceiling Industries of NZ** – *Seismic Restraint of suspended Ceilings*
3.15pm **AFTERNOON TEA**

INTERNATIONAL GUEST SPEAKER:

3.45 – 4.30pm **Professor Kim Lovegrove FAIB**, Partner Lovegrove Solicitors Australia and NZ, Conjoint Professor Building Regulation and Certification, University of Newcastle. Professor Kim Lovegrove FAIB is an expert on Building Regulation and was recently invited by Japanese advisory government and law reform team to participate in building regulations reforms think tank in Tokyo. Professor Kim Lovegrove FAIB was heavily involved in the development of modern day building regulation in a number of Australian jurisdictions. His areas of practice include Construction Dispute Resolution, Building Regulation, Contract Advice and Drafting, Local Government, Insurer/Defendant Claims, Residential Disputes and Offshore/International Instructions.

Today's Topic: Word's Best Practice Ingredients: Building Regulation.

**Please note that this programme is subject change*

SITE VISIT: THE CIVIL DEFENCE EMERGENCY MANAGEMENT TOUR

8.00am Delegates to meet outside Parliament Buildings
1. Base Isolation Engineering System
2. CDEM talk on arrangements for Building Management
3. National Crisis Management Centre (NCCMC) visit
9.45am Delegates to make way back to James Cook
10.00am **MORNING TEA**

TECHNICAL SESSION

10.30am **Ron Green**, Building Compliance and Fire Consulting Ltd, Director – *Passive Fire*
11.00am **Jim Malone** – Cater Holt Harvey, Technical Support Manager, *Code Compliance from a manufacturers perspective*
11.30am **Megan Nagel**, ACC UD Housing and Stairs
12.00pm **Dave Brunson & Rob Jury** - *Updating the 2006 NZSEE Guidelines on Assessing and Improving Seismic Performance on Buildings*
12.30pm **LUNCH**

PANEL - Regional Perspectives of the C1 – C6 Implementation

1.30pm

- **Alan Moule (Auckland)** National Consultants Ltd, Principal Fire Engineer
- **Derek Robertson (Wellington)** Holmes Fire, Chief Executive
- **Carol Caldwell (Christchurch)** Enlightened Solutions Ltd

2.15pm **MBIE Contribution and Update**
112-115 – C1-C6 Update
2.45pm **Panel Question and Answer Session**

3.00pm - Close of SBCO

NETWORKING DINNER FUNCTION

THURSDAY 22ND AUGUST – 6.00pm – 9.00pm

5.45pm Delegates to catch Cable Car to Carter Observatory
6.00pm Dinner Networking Function
9.00pm Cable Car Return Trip



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Design & Print

Pushprint.co.nz

Steve Swift

Ph: 09 294 6764

Email: steve@pushprint.co.nz

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Building Officials Institute of New Zealand

P O Box 11-424,

Manners Street, Wellington

Level 12, Grand Annexe,

84 Boulcott St, Wellington

Phone (04) 473 6002,

Fax (04) 473 6004

E-mail: office@boinz.org.nz

straight up

IN THIS ISSUE

From the Presidents Desk	2
Upcoming Conferences	3
2013 Conferences	
<i>Metals New Zealand Industry Conference 2013</i>	
PREFABNZ's Top 5	4
Ministry of Business, Innovation & Employment	5
2013 Excellence Awards Winners	8
Beacon Pathway	13
Energy Safety	15
Smarter Solution for Auckland Housing Crisis	17
Training Academy	19
Building Controls	20
Training Calender	21



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From the Presidents Desk

For those of you that attended our recent National Conference in Rotorua I just want to say thank you for helping to make this a great success. The feedback I have received to date lauded the quality of speakers, the exhibitors and the networking opportunities. Which brings me to the subject of networking and how important this is for you as a member. You must take the opportunities to attend branch meetings as this is a critical part of your professional and personal development. The branches are only as strong as their members who support branch meetings and I urge you to get involved and you will surely reap the rewards. I have visited a number of branch meetings around the country and will continue to do so and I admire the quality of work being put in by both the executive and branch members. A number of branches where members must travel long distances to attend meetings get some of the best turnouts and because of work requirements many of these meetings are held in the evening and outside work hours. The enthusiasm and commitment comes from within the membership which is the strength of any branch so if you want to make a difference get on the executive in your branch. At this time more than ever you need to take control of your future and ensure your needs are met. I as much as anyone understand the pressures on

BCA managers in terms of funding the development of our people but there needs to be a focus on adequate funding for BCO's. This needs to include for a career path and analysis of needs, developing the necessary skills through suitable quality courses and working towards a recognised diploma or degree that meets the Regulation 18 test. I know it is not easy but I continue to be saddened by some of the inadequate funding across our sector and this needs to change. So discuss your future with your manager and take control of your needs.

You will all be aware and many of you will be involved in making submissions. The Institute is here to support you in an advocacy role and we have made a number of key submissions this year including Joint and Several Liability, Regulation 18, Fencing of Swimming Pools, Earthquake Prone Buildings Policy and NZ Standards. Even if you are not directly involved it is important to keep up with what is happening and the Institute website, our Straight Up magazine and our regular updates will all assist you in this area.

The Institute continues to work and develop key relationships across industry with a focus on supporting our members and improving the built environment. The launch of our partnership with ACRS at our

Gala Dinner this year means the Institute will have 2 positions on the ACRS Board and be party to ensuring the continuing maintenance of the high standard and quality of steel being imported into NZ. Our relationships with other key stakeholders including MBIE, Standards NZ, NZHHA and MRM deliver the likes of joint training opportunities and initiatives that benefit our members and the greater industry. It is important we continue to develop key relationships with other stakeholders and this is a strategic mandate from the Board over the next few years.

We have the SBCO event coming up in Wellington in August and I invite you to attend. This is an event not to be missed and those of you that have attended previous SBCO events will appreciate that this is aimed at senior BCO's, team leaders and managers and includes the very important topical issues that we are facing. A great chance to participate and learn from your colleagues, hear from the experts and of course do some strategic networking.

Kind Regards

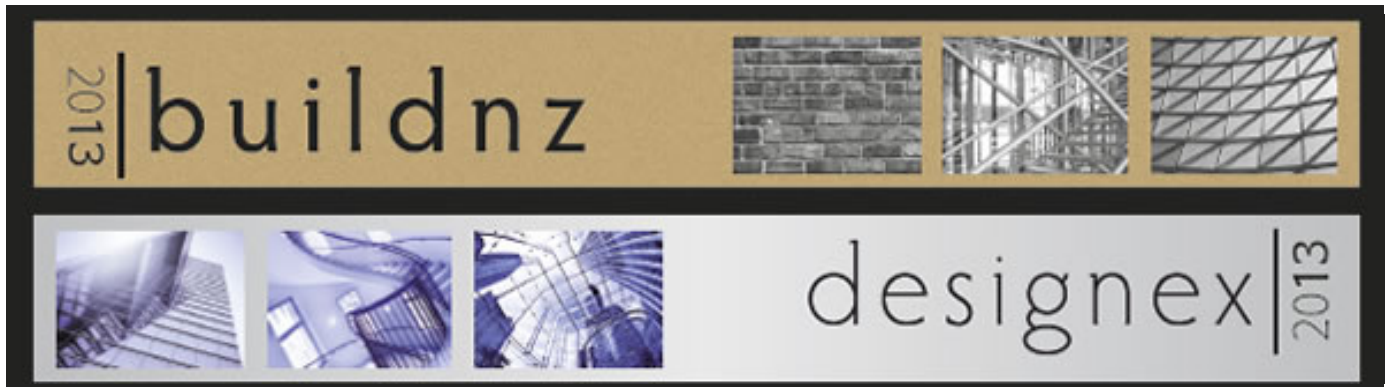
Phil Saunders
President



Delegates at this years' recently held 2013 Annual Conference and Expo in Rotorua. More pictures on pages 12 and 13

Metals New Zealand Industry Conference 2013

Date	Conference	Location
13-15 or 20-22 June 2013	NZIQS Conference	Queenstown
10-12 July 2013	The Property Institute Conference	Queenstown
30 July – 3 August 2013	Contractor's Federation joint conference with the Australian Civil Contractors Federation	Queenstown
First week September 2013	Property Council Annual Conference	Brisbane (TBC)
25-27 September 2013	Architectural Designers New Zealand Conference	Dunedin
16-17 October 2013 TBC	IFE & SFPE	Auckland
16-17 October 2013 TBC	IFE & SFPE	Auckland



NZ'S LEADING BUILDING & CONSTRUCTION, DESIGN & INTERIORS TRADE EVENT

Showcasing the latest products and trends to 5000+ New Zealand industry professionals

23rd - 25th June 2013 | Auckland

TRANSFORMING NZ PROPERTY INSTITUTE CONFERENCE
 property 10th – 12th July 2013 | Queenstown

2013 NZCF & CCF Joint Conference
 31st July - 3rd August 2013
 Queenstown, New Zealand
www.nzcfconference.com

SENIOR BUILDING CONTROL OFFICERS' FORUM
 22 – 23 AUGUST 2013
 Grand Chancellor James Cook Hotel, WELLINGTON

Leadership in Engineering
 ACENZ CONFERENCE 2013
 25-27 JULY 2013
 TRINITY WHARF HOTEL, TAURANGA

PrefabNZ's top 5: Check out these web-links for a taste of innovation, inspiration and intrigue

from PrefabNZ CEO Pamela Bell



The Shadowboxx – from Architecture firm Olson Kundig, provides the flexibility to be in a structure while still feeling at one with nature! See it in all its glory as it opens up to show its adaptability. <http://vimeo.com/55035364>

<http://www.dwell.com/post/article/stop-motion-video-shape-shifting-house>



The HIVE Christchurch turned one in April and had special opening hours to ensure everyone had the chance to chat with experts at the Tech Talks and see the nine buildings on display, including the new Ekokit home, by Hybrid Homes, and the High Performance House with Warmframe technology™.

This family friendly event drew 1,500 people from all over Christchurch, and beyond, to see the homes on display and learn more about how prefab is changing the way homes can be built

Check out the recently launched range of energy efficient prefab houses Swedish designers Claesson Koivisto Rune. The Tind house has a single sloped metal roof, common to most traditional Swedish homes, only the peaks have been flattened at the top, giving a more rounded look to the classic lines.

<http://www.earthtechling.com/2013/04/prefab-tind-house-echoes-rural-scandinavia/>

'A' frames were popular kitset homes in New Zealand in the 1970's and 80's with McRaeway Homes building around 2,000. But with times changing and people wanting more space the question has been answered about how to achieve this while still maintaining the quality 'A' frame design



http://www.dwell.com/house-tours/article/small-forest-glass-home-addition-belgium?utm_source=newsletter&utm_content=4513&utm_campaign=thisweekfromdwell&utm_medium=email

From the ultra-modern to a look back in time - if you are planning a holiday north of Auckland, make sure you stop by Sandspit where one of our PrefabNZ Members found some original prefabricated portable WW2 army huts - check out the photo below.



PrefabNZ is the hub for prebuilt construction - more info about PrefabNZ is at www.prefabnz.com or contact info@prefabnz.com

LEADERS IN THE TIMBER INDUSTRY



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CHH Woodproducts leads the market in Structural Timber, Plywood and LVL in New Zealand with familiar brands such as Laserframe®, Ecoply®, Shadowclad® and hySPAN®.

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BEST ADVICE



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or email on www.chhwoodproducts.co.nz

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Multiproof Scheme

**By John Gardiner, Manager
Determinations and Assurance**

Ministry of Business, Innovation and Employment

The MultiProof scheme has been on the go for over three years now – and it's being used for everything from garages and kitset buildings through to architecturally designed homes, retirement village units and workers' temporary accommodation. As our team still gets regular enquiries about details of the scheme, we thought we'd answer some of the most common questions below. We also have a MultiProof guide for building officials with more detail: you can download this at www.dbh.govt.nz/multiproof-information-for-bcas.

How do we process a building consent application which uses a MultiProof?

- First, check the applicant has sent in all the right information (see the BCA guide for a complete list). This should include full plans and specifications of the MultiProof approved design, including any approved variations, and notice of any departure from these.
- Next, make sure the design and any variations are within the terms of the MultiProof approval (approval details are on our website).
- You don't need to establish the Code compliance of building features covered by the MultiProof approval.
- However, you do need to check any site specific details not covered by the MultiProof (such as drainage), certificates of work for site-specific RBW, and other approval conditions (e.g. wind or climate zone limitations) in the usual way.
- You must also issue the building consent within ten working days.

How do we access the MultiProof register?

Go to www.dbh.govt.nz/multiproof-public-register for a public register of all MultiProof approvals plus secure access for BCAs to all approved plans and specifications. Contact our advisers (details are below) and they'll send you the username and password.

Can we grant a building consent if it includes changes to a MultiProof design?

Permitted variations are approved by the Ministry. These permitted variations form part of the MultiProof approval, are clearly

listed on the back of the certificate, and must be accepted by BCAs.

These permitted variations allow client flexibility to create an individual home, or perhaps account for local conditions, e.g. by allowing different options for cladding types, window locations, floor plans or even insulation and bracing levels. The drawings submitted with the building consent application should specify which of the permitted variations are being used (e.g. drawings must clearly show that weatherboards are being used and not brick veneer).

Variations outside the scope of approval are a different kettle of fish. If the design has variations not covered by the MultiProof approval, then the normal consent process applies. Where the changes don't affect the integrity of the MultiProof, a reasonable approach is encouraged. The MultiProof approval can still be applied as a means of compliance for the parts of the design that remain unchanged.

Once building work has begun, you should assess any proposed minor variations or amendments to building consents issued for a MultiProof design (e.g. a material substitution or design change) in the same way as for any other building consents.

What about Restricted Building Work?

As part of the MultiProof approval process, the Ministry now reviews certificates of work from each licensed building practitioner (LBP) involved in any design work covered by the MultiProof application that is restricted building work (RBW).

That means the building consent applicant just needs to provide you with certificates of work for any site-specific design work classified as RBW that is not covered by the MultiProof application, along with a list of the trade LBPs carrying out or supervising the RBW for that particular project.



MultiProof approvals have helped speed up the process of providing affordable housing and temporary accommodation in Christchurch, including most recently the work now underway at the Rangers Park subdivision. This housing development, being built by Hawkins Construction for the Ministry's Canterbury Earthquake Temporary Accommodation Service, consists of 40 new homes which are expected to be ready from August 2013.

Top five facts about MultiProof

1. A MultiProof approval is a statement by the Ministry that a specific set of building plans and specifications complies with the Building Code.
2. It applies to designs for entire buildings, including those with several joined units such as motels and townhouses, which applicants intend to build at least ten times in two years.
3. MultiProof can also cover multiple variations to a standard design (such as different wall claddings, roof pitch or bracing levels) – as long as these are included in the MultiProof approval.
4. A MultiProof lasts indefinitely, unless there are changes to the Building Code affecting the design's compliance (we will advise the MultiProof holder if so).
5. Building consents are still required, but BCAs must take a MultiProof design as Code compliant and must process any application using a MultiProofed design within ten working days instead of 20.

Find out more:

- Go to www.dbh.govt.nz/multiproof, which includes links to our guide for BCAs and the register of MultiProof approvals
- Contact our advisers on ph 0800 242 243 or email multiproof@dbh.govt.nz.



Help at hand for builders working on the Canterbury rebuild

As the rebuild in Canterbury gathers speed, builders are grappling with new challenges repairing and rebuilding earthquake damaged houses. However, help is at hand in the form of two quick guides, one dealing with work on foundations and the other with above-floor structural repairs.

These guides for builders in Canterbury, 'Below-Floor Work' and 'Above-Floor Work', are published by the Ministry of Business, Innovation and Employment. They provide an introduction to the Ministry's more detailed technical guidance for repairs and rebuilds in the Canterbury Green Zone.

They give practical advice and highlight special issues associated with repairing post-earthquake damaged residential buildings.

For example, floor structures may have experienced minor to significant vertical settlement, lateral stretch and other interrelated structural damage to the extent that builders must consider foundation repairs, releveling or replacements before other earthquake repairs are able to be undertaken.

Where wall framing and internal linings have suffered earthquake damage, it provides guidance to builders for appropriate assessment criteria and repair methods.

The guides help builders understand that it's important that the repair or reconstruction of the foundations, are appropriate for the site. For example, in Technical Category 3 (TC3) where liquefaction damage is possible in future large earthquakes, house foundations requiring repair or replacement will require geotechnical advice and design input from a chartered professional engineer. Whereas in other Technical Category areas (TC1 and TC2), repairs to house foundations can generally be done with limited specific engineering input.

'Below-Floor Work' includes diagrams to help builders assess foundation damage and check floor to ground clearance requirements. There are checklists of things to consider when repairing foundations or lifting and releveling floors and useful drawings such as the ones showing best practice for packing piles and tying them down.

There is a table of foundation options, with references to the detailed Ministry guidance, and another table giving recommended cladding weights to use where claddings are being replaced, which is largely dependant on the type of foundation and the Technical Category.

'Above-Floor Work' focuses on structural repair work covered in the Ministry guidance, which includes repairs to wall and roof framing, and bracing, repairs to cladding, chimney and fireplace repairs, and repairs to retaining walls.

There is a useful table summarising the Ministry's recommended repairs for plaster-board or plywood-braced panels and a table and diagrams to assist with chimney repairs.

'Above-Floor Work' advises that retaining walls on hillside properties, damaged by earthquakes, can be difficult to repair and specialist engineering advice will be required before making substantial repairs or replacements to retaining walls.

The guides refer builders who want more details, to the relevant sections in the Ministry's technical guidance Repairing and rebuilding houses affected

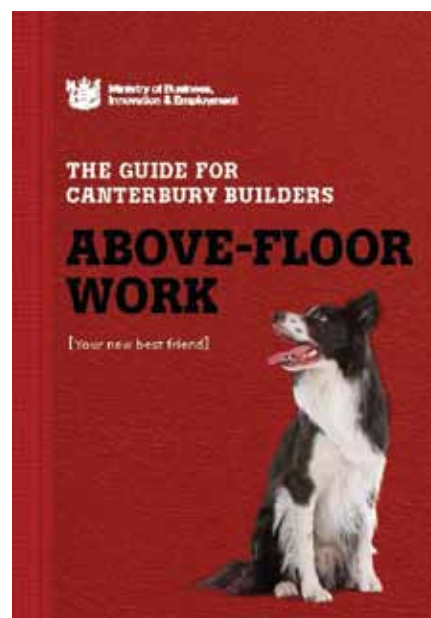
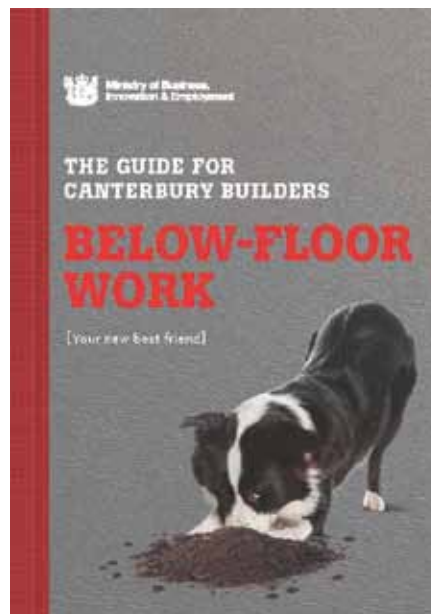
by the Canterbury earthquakes

They also briefly cover the Building Code, building consents and builders' legal responsibilities, including making sure that the building work complies with the building consent, the agreed contract terms, and where the building work is not covered by a building consent, that it still complies with the Building Code.

They remind builders that new structural work on dwellings may be Restricted Building Work and where Licensed Building Practitioners are required to carry out this building work.

There is also a reminder, in 'Above-Floor Work' that using height safety equipment is a legislative requirement and makes good business sense both as a good employer and financially.

Council inspection staff who deal directly with builders may find these guides a valuable resource. The three Canterbury councils have supplies of the guides and they are also available at trade merchants in Christchurch.



BOINZ are proud to be resellers of NZ Standards



As a further membership benefit the Institute has negotiated with Standards New Zealand to become an official Reseller. What this means is that members now have access to a range of published standards and standards related products (Hand books, Codes of Practice etc).

Purchasing these vital products allows you to understand and comply with legislation more easily, and what's better is that they are available to you at a discounted rate off the RRP by purchasing through BOINZ.

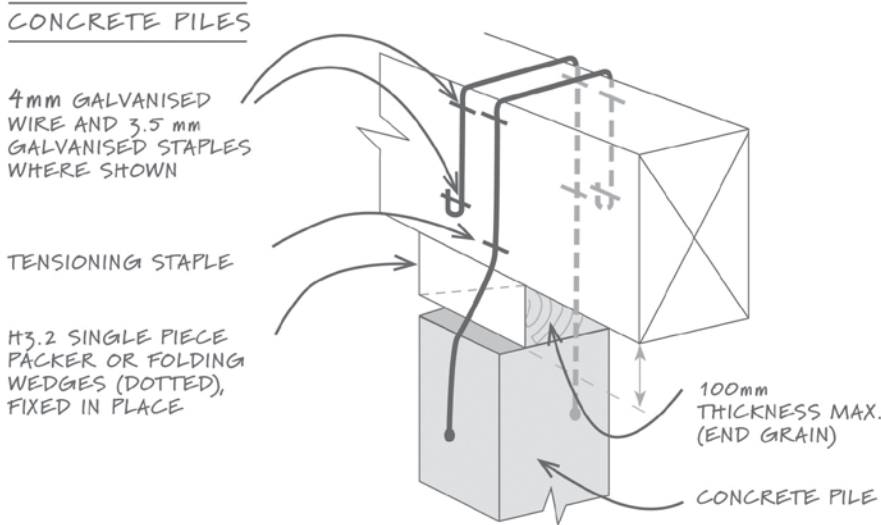
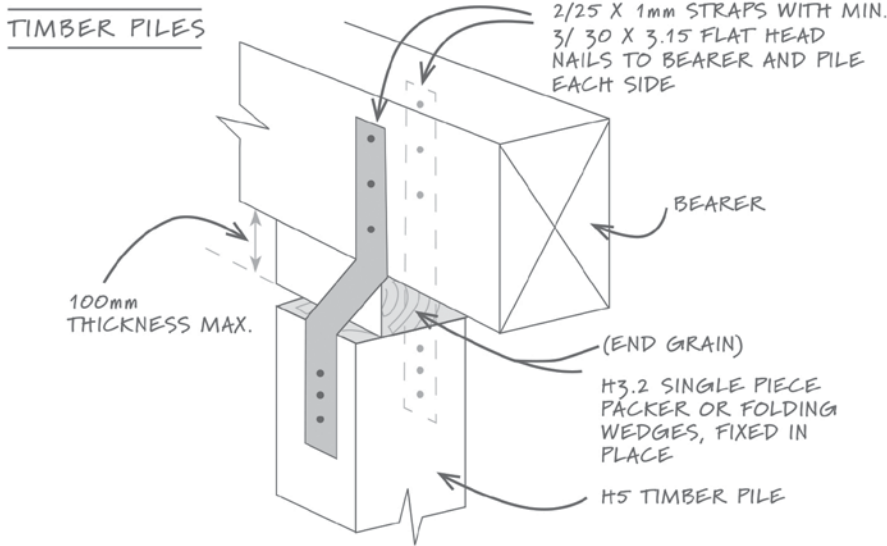
It's easy —contact the National Office at office@boinz.org.nz attaching your order, along with your name, member number and postal address.

Take advantage of your Institute's ability to offer you discounted NZ Standards including:

- **NZS 3604:2011**
Timber Framed Buildings
- **NZS 4306:2005**
Residential property inspection

FIGURE: 5A

PACKING ORDINARY PILES:
SEE NZS 3604, SECTION 4 FOR FIXING SELECTION



Cold Case

INZP&DI Long Lost Chain of Gavel Found

Rod Jarvis who works for the Napier City Council was the last president of the Institute of New Zealand Plumbing and Drainage Inspector (INZP&DI) before the amalgamation with BOINZ in 1999.

INZP&DI had been in existence for a similar time to BOINZ and both organisations decided that it would be in everyone's interest to amalgamate which resulted in a joint management for 2 years.

Some years after the amalgamation several members raised the issue as to the whereabouts of the chain of office and the gavel. Several members then spent some time contacting various members of both the Institute of NZ Plumbing and Drainage Inspectors and also Building Officials Institute of New Zealand to no avail. There were some false leads but these led nowhere and it was thought all was lost.

In February this year Rod was contacted by a lady who had found the chain and gavel (still in its box) while some renovation work was being carried out in an office block in central Wellington. She did a lot of detective work and tracked down Rod in Napier.

The chain will now be able to sit beside a similar chain from the Cler of Works Institute, now both residing at the BOINZ National Office in Wellington.

Information provided by Richard Toner, Derek Stains & Rod Jarvis



Building Officials Institute of New Zealand's 2013 Excellence Awards Winners

STANDARDS NEW ZEALAND

Contribution to Technical and Legislative Improvements Award

This award goes to the individual who has excelled in contributing to advancing the technical and/or legislative understand of members.

The winner of this award is recognised as a technical expert in his field, with a highly experienced knowledge of the consenting requirements for New Zealand.

This person has been involved as an expert in their industry field for 25 years and during this time they have been responsible for providing specialist input in the maintenance of the Compliance Document for the Fire Safety clauses of the New Zealand Building Code, and associated Regulations, The Building Code Review and many other code and compliance reviews.

This individual was also involved with establishing the training material for the

new Code Clause C Protection from Fire Update Training in late 2011 and early 2012. Subsequently they joined DBH staff on their training road show.

The winner of this category has also co authored several national and international documents pertaining to guidelines within his industry, including the International Fire Engineering Guidelines, The Fire Engineering Design Guide, The International Association of Cold Stone Contractors Guide, and the IPENZ practice note on Cold Stone Engineering in NZ".

It would be fair to state that most if not all fire engineers and Building Control Officers with a requirement to work or have specific expertise in this area have sought advice on technical matters relating to fire safety and compliance from this individual.



Winner: Mr Alan Moule, National Consulting

Left: Phil Saunders (President of the Institute), Centre: Alan Moule of National Consultants (Award Winner), Right: Debbie Chin, Standards New Zealand.

RESENE CONSTRUCTION SYSTEMS

Emerging Leader Award

This award is given to an individual who has shown exceptional leadership skills at a local and / or national level and whose actions have grown the value of BOINZ among members.

This individual has consistently gone above and beyond the 'call of duty' and this first came to the fore when this person stepped back into the breach (with a smile), to help their Branch when an Executive member unexpectedly left.

At their current organisation they started their career in administration and then worked their way up to a Building Officer (Approvals) position. This person has also shown a great sense of loyalty having worked for the same Council for the past 15 years.

With a fantastic sense of humour and a penchant for travelling, this person is well liked and respected amongst fellow peers and colleagues.

On the communication front this person's skills are top notch.

The basis of this award has traditionally been around a strong commitment at local branch level where passion and enthusiasm for the role has helped reinvigorate and energise the Branch.

This individual's attention to detail is much appreciated and is reflective in the minutes and in the "Hot Topics" and Presentations provided at local Branch meetings. Their drive and energy, and the fact that they are never afraid to ask questions ensures the Branch functions at full capacity and is well served. Her dedication to the task at hand, and commitment to get the job done, and to get it done right, is to be admired.



Winner: Tracey Shaw, Central Branch Secretary

Left: Phil Saunders (President of the Institute), Centre: Tracey Shaw, Central Branch Secretary (Award Winner), Right: Mike Olds, Resene Construction Systems

PACIFIC STEEL GROUP

The Young* Building Control Professional of the Year

Young defined as under the age of 35 as at 31st December 2012. This Award goes to an individual that reflects strong professional growth and has dedicated their time to enhancing the Building Control profession.*

This individual started their career as a Cadet and has quickly risen through the ranks.

Their contributions as a young person are those of a far more experienced campaigner.

This person's industrious forward thinking approach and application to a quality work ethic, coupled with confidence and a willingness to do well, has seen him recognised by the Governor General as one of New Zealand's Emerging Leaders and he

has been invited to Government House on several occasions to dine with the Governor General.

This individual has contributed to his Branch through Branch Executive representation bringing many new and fresh ideas to the table.

At short notice, this person engaged in the pilot study of the two Diploma's in Building Control Surveying and as proven with his skill-set and final presentation to his assessors, gained both Diploma's with flying colours.

He has, until recently, been a Board member of the Scouting Association and represented the NZ Scouting Movement at world meetings and jamborees. He is also a gym-bunny and an avid traveller



Winner: Cory Lang, Hamilton City Council

Left: Phil Saunders (President of the Institute), Centre: Cory Lang, Hamilton City Council (Award Winner), Right: Andrew Hibbert, Pacific Steel Group

KOP-COAT NEW ZEALAND

Contribution to BOINZ Award

This award is given to the individual or organisation that has made a significant impact to the advancement of BOINZ in the market place.

A member for the past 18 years, this person is a tireless advocator of BOINZ and also the promotion of professionalism amongst the colleagues around him.

This individual's commitment to BOINZ is one of immense dedication to a very important role. Humble in manner, diligent in approach he is a true professional in his own right, this person has never sought recognition for the work that he does.

He has helped to secure exceptional

speakers and presentations at Branch meeting level and his positive, down-to-earth approach is reflective in his communications with National Office.

A keen traveller, this person has just got back from a recent trip to Thailand. He loves his rugby - and has even followed the All Blacks half way around the world to Europe. In his spare time he is known to restore classic Holdens.

He is now in his seventh consecutive term as Branch Secretary - currently holding the record for the longest serving Secretary of any Branch in the country.



Winner: Alister Arcus, Waikato/Bay of Plenty Branch Secretary

Left: Phil Saunders (President of the Institute), Centre: Alister Arcus, Waikato/Bay of Plenty Branch Secretary, Right: Cameron Scott, Kop-Coat NZ

BRANZ

Outstanding Commitment to Information, Skills Development and Education of Building Officials

This Award is given to the individual or organisation who demonstrated outstanding commitment to providing information, developing skills and advancing the education of Building Officials within the Industry.

This individual has been and is committed to ensuring his staff are equipped with the skills they need to do a professional job. He is passionate about the organisation he works for and commits his staff to appropriate training courses thus ensuring they progress towards completing their National Diploma in Building Control Surveying without turmoil or frustration.

This person has already taken steps to produce a plan and timeframe of when

his staff will be engaging and completing the Diploma and sent this confirmation through to his team.

This individual is always seen to be encouraging his staff to ensure they develop and progress professionally and is committed to having a team that has a variety of knowledge and expertise.

He is the Building Manager of the second highest number of BOINZ members per Council in the South Island. A member himself for the past 8 years, his team advise he is always there for the staff. His support of BOINZ in terms of new membership sign-ups is to be commended.

This person has a love of motorbikes, enjoys tramping, and is often seen out on his mountain bike. His philosophy is 'His body is his temple'!!



Winner: Warren Taylor, Waimakariri District Council

Left: Kathy Stubbs, Debbie Haywood, Paul Jones and Valdimir Torres

MITEK NZ

Training Commitment Award

This award goes to the individual or organisation that has committed to significantly improving the position of training in their field.

This individual has a passion for developing the capability of his staff. He is also a strong supporter of dedicated qualifications for Building Control Officers. From the outset this individual was committed to seeing his staff complete the NZ Diploma in Building Control Surveying, providing outstanding support throughout the process.

Following his successful completion of the Diploma pilot programme some years back, this person became the first in the country to encourage and support his staff to engage and complete the Diploma when it was formally launched in 2012.

Despite stressful (busy) working conditions with his council building section that included staff shortages and political issues around the need for a qualification at all – this individual had a vision.

Among his peers, this individual's attitude and commitment to getting his staff on appropriate qualifications (Diploma) has been described as 'refreshingly different' – his steadfast commitment proven when

arriving from his sick bed one time, and although medically certified as contagious, enthusiastically voiced encouragement and support for his guys as they studied from a distance. Of course!

The support provided to his staff was both emotional and practical and in turn motivated a sense of loyalty and commitment in return.

So high was this person's commitment of

support throughout the study process, at the Graduation for his staff, this person organised for all members of his Building Services Team to travel to Dunedin and attend celebrations with their successful colleagues.

This individual leads by example and his commitment to his staff and the process is to be commended.



Winner: Steven May, Waitaki District Council

Left: Phil Saunders (President of the Institute), Centre: Steven May, Waitaki District Council (Award Winner), Right: Daniel Scheibmair, MiTek New Zealand

WINSTONE WALLBOARDS

Branch of the Year Award

The Branch Award is considered by the Institute's Board each year based on participation, innovation and member value at a local level

This Branch has faced its fair share of obstacles over the past couple of years and are now a 'force to be reckoned with'.

The team driving the Branch are two passionate and inspiring individuals, supported by a capable Executive team - their unwavering positive attitude and 'outside of the box' thinking have helped lift the profile of their Branch and the morale of its members.

The 'hands on approach' by the hardworking Branch Executive have ensured the Chair and Secretary are fully supported in their efforts and a team environment prevails.

Technical presentations provided at their Branch meetings are always varied and often spiced up by field trips and differing venues, which help engage and sustain member's interest, as evident in the numbers attending each meeting.

In terms of Branch growth, this Branch is one of two branches to experience

significant increase in overall membership numbers during 2012 – a testament to the Executive and Branch in somewhat 'dark and trying' times



Canterbury-Westland Branch : John Blanken- Chairman & Brenda McIndoe- Secretary





Getting Insulation Right

Author: Lois Easton, Beacon Pathway

Good installation is the key to effective insulation. While the focus of Building Code changes and Government subsidy schemes has been on encouraging more insulation, there's growing concern that poor installation is undermining the campaign.

Installing insulation incorrectly reduces its effectiveness at stopping heat loss. BRANZ fitted insulation to a wall panel and tested different sized gaps in their Guarded Hot Box. They found that R2.8 insulation with 16mm gaps would only perform as well as R1.4 insulation. Even 4mm gaps reduced the R value by 12-15%.

The danger is that if installation problems occur throughout the house, the cumulative effect on the thermal performance of the house may mean that it does not meet the energy efficiency requirements of the Building Code, even if the correct R value materials are used.

Councils have an important role to play here. Building officers inspect insulation as part of pre-line building consent inspections. Insulation should be installed to the standards set in NZS 4246:2006 Energy Efficiency - Installing Insulation in Residential Buildings. This Standard provides a best practice guideline to installing insulation in order to achieve good thermal performance.

Practice is not up to scratch

An audit undertaken for EECA (the Energy Efficiency and Conservation Authority) of insulation installed in new build homes provides worrying reading. None of the installations, in their audit of 58 houses, met the requirements of the New Zealand Standard.

The audits found typical problems affecting the home's thermal performance were: folds, tucks, gaps, compressions, missing insulation, and a lack of insulation to the middle of the top plate.

Other issues with installation included the lack of a 25mm gap to the underside of the roof underlay, which has the potential to transfer condensation and moisture to the insulation; as well as significant safety faults through insulating over or around recessed downlights and electrical equipment.

The worrying thing is that these houses were passing their building consent compliance checks. There is clearly an opportunity to intervene here to ensure insulation is not only encouraged but works as effectively as possible.

What are the most common mistakes?

These photographs show typical installation problems from a range of houses.

Leaving gaps between insulation and framing allows heat to escape.



Tucks and folds in the insulation reduce its effectiveness.



Gaps between blanket insulation laid in the ceiling will reduce the effectiveness considerably.



Badly laid insulation



Compressed and slumping insulation – it needs to be a good even fit to work effectively.



Loose fill has covered this downlight – this is a significant fire risk.



Good practice installation

The Havelock North Best Home™ (www.besthome.org.nz), recently built by Horvath Homes, had a top notch install - what did they do differently? This exemplar home specified high R value glass fibre Pink Batts (R5.0 in the ceilings and R 2.8 in the walls) for a high performance thermal envelope.

Horvath Homes understood the importance of the installation. The building project manager was vigilant in ensuring that the insulation installers were well aware that only a high quality install would do – and that a careful inspection would be undertaken prior to the Council's pre-line building consent inspection. As a result, particular care and attention to detail was undertaken by the installers.

The product installed in the walls was the most rigid of the Pink Batts range, but to ensure that no movement occurred prior to lining, strapping was used to hold the product in place. This avoided a common problem with wall insulation installs next to internal garages. The insulation is normally installed prior to the garage door – and a windy day can result in the insulation being blown out, and then “stuffed back in” by the builders. Strapping avoids this problem.

The design of the home contained elements which made a good install

easier. An absence of downlights in the design meant that ceiling insulation wasn't compromised. It's not commonly known that downlights substantially reduce the performance of ceiling insulation – to the point where, if they are used, a higher R value product is needed to meet the R values set out in the Building Code. NZS4246 (Energy Efficiency – Installing insulation in residential buildings: 2006) outlines the impact of downlights on the effective R value of ceiling insulation. To meet the Building Code, new homes in the South Island, for example, are required to have ceiling insulation rated at R3.3. Downlights installed every 3 square metres would reduce the insulation's effectiveness by R0.6 bringing the rating down to R2.7. In most of the North Island, new homes should have ceiling insulation rated at R2.9. Install downlights every 5 square metres, and insulation effectiveness is reduced by 10% to R2.6.

Compression or omission of insulation behind wiring and plumbing is a very common problem in new houses. This problem was avoided by careful location of services; wherever possible, services were installed on internal walls, including power boxes and light switches. This meant that the house had minimal penetrations through the wall for plumbing and electrical wiring.

Council building officers have a part to play

Quality of installation plays a big part in the effectiveness of insulation, and therefore the benefits that homeowners will receive from their investment. As a critical step in the approval of a home's fitness for purpose, council building inspections are an ideal point at which to intervene.

About Beacon Pathway

Beacon Pathway is an Incorporated Society committed to transforming New Zealand's homes and neighbourhoods through research and demonstration projects that show how to make homes more resource efficient, healthier to live in, adaptable, resilient and affordable.

For further information about Beacon Pathway visit www.beaconpathway.co.nz.



Strapping holds this insulation tightly in place



Good installation in the Havelock North Best Home – tightly fitting with no tucks or folds.

Improved safety outcomes for consumers and better flexibility for industry practitioners to improve business effectiveness and efficiency are the aims behind changes to the certification of gasfitting and prescribed electrical work (PEW) in installations, taking effect from 1 July 2013.

The new regime includes the introduction of a Safety Certificate, the formalising of all work into three new risk-based categories, and a new online database for recording gasfitting and installation PEW classified as "high-risk". It also clarifies the roles and accountabilities for design and manufacturer's instructions; recognises both the work and the product of the work (the resulting installation); and enables practitioners to manage certification requirements in line with up-to-date technology and business practices.

The changes are introduced by the Gas (Safety and Measurement) Amendment Regulations 2012 and the Electricity (Safety) Amendment Regulations 2012.

Key changes at a glance

- Existing certification is extended to cover all gasfitting and all installation PEW.
- Certification is extended to explicitly certify the result of work as "safe to use" and include connection to energy supply.
- Work is classified into three risk-based categories – low-risk, high-risk and general.
- A publicly available database for recording work classified as "high-risk" is introduced.
- Certification can be integrated with other business processes.
- Roles and responsibilities for all those who affect the safety of work are clarified.
- Better alignment of electricity and gas certification regimes is achieved.

What is changing?

From 1 July 2013 all gasfitting and all installation PEW will require certification. This means there will be a requirement to certify repair and replacement work; and to verify completed work and connection to energy supply as being "safe to use".

The updated certification regimes permit practitioners to design their own certificates or use a format from an industry organisation, rather than purchasing them from their worker registration board - thereby removing a compliance cost. Practitioners can also send and store certification documentation electronically.

Certificates must also always display the

appropriate Authentication Mark to signal they are legitimate documents.

Electrical Authentication Mark



Gas Authentication Mark



Consumers, or those commissioning the work, must be given certificates once work is completed to assure them that installation work, and connection to the energy supply, is safe to use and complies with the building code.

Practitioners must keep records of certificates and other relevant information, for seven years, in hard copy or electronically. In addition, if requested, copies of the certificates must be made available to organisations and individuals listed in the regulations – such as regulatory bodies or territorial authorities.

Electrical inspectors and certifying gasfitters will also have to record key details of "high-risk" work on a new publicly searchable database. The Electricity and Gas High-risk Database will be administered by Energy Safety and the public will be able to access basic information about high-risk work done at a given location.

How has risk management been integrated into the new regimes?

Good regulatory practice expects risk management principles to be applied to ensure that the level of regulatory intervention or requirement is proportional to the risk.

From 1 July 2013 the existing categories of installation work have been converted into three formalised risk-based categories:

Low-risk

Work exempt from certification prior to July 2013, such as the maintenance or replacement of a fitting in an existing installation.

High-risk

Work that, generally, is determined as presenting a high-risk, in circumstances where there is an increased likelihood that the means of compliance will not be met, or the work falls outside the means of compliance, or in proximity to other hazards. For PEW, it is work that is subject to inspection. All high-risk work must be recorded on the Electricity and Gas High-risk Database.

General

is work that does not fall into the high- or low-risk categories.

What improvements are expected?

The changes will provide for an improved certification process overall, with a new risk-based system that emphasises safety and accountability for all gas and electrical installation work, while eliminating unnecessary compliance costs.

The new Electricity and Gas High-risk Database will assist Energy Safety and worker registration boards to improve monitoring of high-risk work and focus resources on areas that have the potential for the greatest improvement in safety outcomes. This will help with auditing completed work and evaluating sector-wide professional competency.

Now that certification is required for all installation work, consumers will be in a much stronger position to raise a concern with their practitioner, or the relevant industry authority, and help identify any concerns about poor quality or unsafe work practices.

More Information

Visit the Energy Safety website (www.energysafety.govt.nz) for more information on the certification regime - including practitioner guides, FAQs and video resources explaining the changes. Sign-up for Energy Safety's Business Updates to receive the latest news and developments. Visit www.legislation.govt.nz to view the Gas (Safety and Measurement) Amendment Regulations 2012 and the Electricity (Safety) Amendment Regulations 2012.

A Smarter Solution For Auckland Housing Crisis

The Smarter Small Home A Smarter Solution For Auckland Housing Crisis

As Auckland Council and central government continue to seek solutions to what has been deemed a pending Auckland housing crisis, one of the country's longest established building products company says part of the solution is almost built already.

The Smarter Small Home concept is a project developed by James Hardie, in combination with design firm Creative Arch.

On a Papakura site, just 20 minutes from central Auckland, will be the first Smarter Small Home show home, being built by building company Latitude Homes. Soon after, there will be many other show homes around the country, with the second show home off the ranks currently under construction by Milestone Homes in Ellerslie, Auckland.

On April 13 the first showhome will be revealed to the public, and it's already attracting plenty of interest from prospective homeowners and the building community.

The new construction techniques and innovative architectural design means the property can be sited on a section of less than 350 square metres, making maximum use of available new land, while also being ideal for intensification of existing properties.

This breakthrough property has been effected through collaboration with Creative Arch, who were tasked with creating a home which made the best possible use of standard material specifications, while also optimising technology advances to ensure those building materials are not just cost-efficient, they are also energy-efficient and ecologically sound.

Merv Giam, marketing manager for James Hardie, says recent newspaper articles have highlighted the shortfall in currently available sections, as well as the need for affordable housing, economies of scale in the building industry and a reduction in compliance and building costs.

Merv says the days of the quarter-acre section may be gone for most Aucklanders, but the dream of owning their own piece of land in the City of Sails is one which many still aspire to.

"Our team has long recognised the increasing cost of sections, and the need to maximise use of existing land. Smaller section sizes means best use of new developments, but the Smarter Small

Home will still allow green space for the family.

"This means families can be part of one of the world's most liveable cities, while still having a yard for the kids to play in, in a home which is low-maintenance, offers long terms savings in energy usage, makes fantastic use of ambient light and heating, and has been designed from the ground up to make best use of standard material sizings," Merv adds.

"Auckland Council itself has noted the city could need up to 13,000 more dwellings each year over the next 25 years, which will require substantially more section space than is currently available. The Smarter Small Home, able to be sited on a smaller section than a traditional single level three-bedroom property, is ideal for cross-leasing, intensive subdivision, or construction in existing developments.

"With the Smarter Small Home, we have, in partnership with the teams at Creative Arch and established building companies, done something revolutionary in home building. We have taken as a starting point our manufacturing processes, and then applied those economies to the architecture.

"James Hardie building products offer long-term durability, major cost savings in medium to long term maintenance costs, and, importantly, meet earthquake standards as a lightweight building material."

Auckland Council have formulated a series of proposals to deal with the needs of a growing city over coming years, among them a combination of 'up and out' – moving away from single level dwellings, intensifying existing brownfields developments, and increasing Greenfield opportunities in designated rural regions.

"The Smarter Small Home ticks all the boxes," Merv points out.

But there are other benefits too. Smarter design reduces waste, cuts down on labour costs and preparation of materials.

Latitude Homes' Marc Hunter says the James Hardie Smarter Small Home concept offers the best of all worlds.

"The build time is reduced because the home is designed around standard material sizings, but that doesn't mean you get a 'house out of a box'," Marc says. "The Smarter Small Home is something new, and everyone we have had on site – even while we are still building it – has said it has the

'wow' factor that makes it something very special.

"The use of James Hardies building products throughout means not only peace of mind performance, but any colour can be used on the exterior without any worries about warping or fading, the use of James Hardie's Scyon Secura flooring means no squeaks, Villaboard provides high impact and performance in moisture resistance in wet areas, and Rawform and Scyon Stria claddings used in the lounge to add texture and an extra dimension to the interior.

The first Smarter Small Home in New Zealand will open in Papakura on April 13, with spot prizes and special draws for visitors. It's a home which meets the requirements of the modern world, and which provides homeowners with something which meets every requirement; functionality, ecological responsibility, financial soundness, longevity, and, perhaps most importantly, stylishness in a world of houses which, until now, seem cast from the same mould.

"There are so many features in this home, it's hard to summarise them all," Marc says, "but essentially it offers open living areas, phenomenal use of storage space, fabulous use of ambient light and the design creates the feel of a far larger living space.

"It's called the Smarter Small Home for a reason – it is simply smarter."

See for yourself why James Hardie are so excited to bring the home building revolution to Auckland this year. For a



New Plymouth District Council

Importance of Training Plans

Peter Scantlebury, Building Manager of New Plymouth District Council talks to us about his views on the importance of a future training plan.

"The team at the New Plymouth BCA is well aware of the importance of effective training for staff in respect of all our mandated operations. Achievement in the full spectrum of competencies addresses not only regulatory requirements but also best business practice.

Most new starts come with little or no real knowledge of the Building Act and associated regulations. Those that bring transferrable skills from other disciplines, still need to be assessed for their focus of that knowledge and any gaps that may need attending to.

I am a believer in the idea that competency is like a multi-faceted gemstone. In order to round out an individual's full capability, the range of competencies need to be developed to high levels. These include:

- Practical experience, to assist in making realistic and effective decisions.

- Technical knowledge of the industry, to support the decision making process.
- Legislative know-how, or understanding the purposes and principles of the law, to address the whys and whens of decisions made.
- Knowledge of external and internal procedures and systems, to ensure consistent data collection and integrity.
- Ability to communicate up and down the scale of customer expertise, both verbally and in written format.

Any organisation wants to be at the top of its class. There is little hope of achieving that status without providing the tools and monitoring to the most important asset, its people. A well trained and cohesive team will achieve outcomes that are greater than the sum of its individuals. Externally provided training, collegial interaction, and career development are all powerful tools for building a truly professional workforce.

That is why we highly value getting the baseline competency early in the piece, and then following that with development

that is tailored to the organisation's needs and the individual's career path.

When stakeholders and customers are impressed with the professionalism of the gatekeepers they deal with, willing compliance is a collaborative outcome and the risks to all parties in the building chain are effectively minimised".

Peter's views on training has resulted in many of his staff being put on a range of BOINZ Training Academy courses throughout the year, including Building Controls, NZS 3604, Plan Processing, Fire Documents, Plumbing and Drainage Compliance, and Communication and Ethics. To view our training calendar visit www.boinz.org.nz

CAPITAL DEVELOPMENT PLAN

University plans major building projects

By Vaughan Elder

The University of Otago is set to begin work on a major capital development programme, with a number of significant building projects "likely" to get under way in the next year.

Among the projects known to be in development are a \$50 million to \$100 million plan to replace the university's school of dentistry, plans for a new aquarium and a \$50 million earthquake-strengthening plan.

Financial services director Grant McKenzie said in the university's financial statements to the end of February that some of the \$115.8 million it had in "cash on hand" had been set aside for construction projects.

"The cash on hand is tagged for significant capital projects on the priority development plan, some of which are likely to start late 2013 or early 2014," he said in the report tabled at last week's finance and budget committee.

When contacted yesterday, Mr McKenzie declined to specify how much of the cash on hand was tagged for capital development, instead directing queries

to the university's media team. The media team did not respond to questions by day's end. Included in the priority development plan is \$50 million set aside for earthquake strengthening on some of the university's buildings, which it aims to complete by 2019.

The university is still finishing its seismic assessment programme, but five buildings had been found to be earthquake-prone by last month, meaning strengthening work would be needed.

The university's council has approved in principle plans to replace its ageing dental school and its aquarium, which was abandoned last year after it was found to be earthquake-prone.

The only large new project on which the university has publicly committed to begin construction this year is a \$6.254 million "state-of-the-art" child-care centre in Castle St. Property services director Barry MacKay said at a capital development meeting last week the draft design for the centre was almost complete and construction was to begin in June.

Otago Chamber of Commerce chief executive John Christie said the university's construction plans were "good news" for the local economy, especially if local companies carried out the work.

However, he was keen not to overplay the importance of the university's capital expenditure, saying it was a "drop in the bucket" compared with the overall spend on construction in Dunedin.

Another significant project the university is working on is a plan to build a new facility to accommodate growth in its Christchurch medical campus.

The university bought a \$5.5 million piece of land in Christchurch last year, but plans to build on it were put on hold after the Government reserved the option to forcibly buy the land as part of a planned new "health precinct" in the city.

Author Vaughan Elder, Published in the Otago Daily Times, online edition found - <http://www.odt.co.nz/campus/university-otago/251779/university-plans-major-building-projects>

BUILDING CONTROLS

Unit 22698 of Dip BCS – small buildings, Demonstrate knowledge of building control legislation and requirements

Unit 24161 of Dip BCS – small buildings, Demonstrate knowledge of the processes for issuing certificates and notices under the Building Act 2004

(Theory component only)

COURSE DESCRIPTION:

This course will give participants an understanding of the 'Big Picture' in terms of the building environment, local government and private sector building controls, agencies, the people and the language. Participants will get to know who is responsible for what at Territorial Authorities (TAs) / Building Consent Authorities (BCAs), building controls staff, building owners and Licensed Building Practitioners (LBPs). They will find out where to go to get the answers on the law, compliance documents, the Standards, and how to navigate around technical documents/producer statements/appraisals/determinations.

Modules cover:	
<ul style="list-style-type: none"> • Introduction to the Building Controls Regime • The Building Act, Building Regulations, Forms • NZ Building Code and Compliance Documents • Project Information Memoranda • Building Consents • Code Compliance Certificates (CCC) • Certificate for Public Use (CPU) 	<ul style="list-style-type: none"> • Certificates of Acceptance (CoA) • Compliance Schedules and Building Warrant of Fitness (BWOF) • Dangerous, Insanitary and Earthquake Prone Buildings • Notices to Fix • Change of Use
Who Should Attend:	This course has been designed to provide the underpinning knowledge and understanding for unit standard 22698 and unit standard 24161.
<ul style="list-style-type: none"> • All new building control officers in Building Consent Authorities • Staff in BCAs or private firms who wish to learn the basics of building controls. 	

NZS 3604

The Institute is pleased to bring to our members and clients the much anticipated NZS 3604. The Institute has worked hard to develop a high quality, Diploma recognised course, which will bring those with a desire and need for exposure in this area up to speed rapidly.

The course covers an understanding of NZS 3604 and Acceptable Solutions in B1 and the ability to apply this knowledge to ensure compliance of a completed construction.

The modules covered include:

- Building Controls and NZS 3604
- General
- Site Requirements
- Bracing Design
- Foundations and Subfloor Framing
- Floors
- Walls
- Posts
- Roof Framing
- Remaining Requirements

The course covers Unit 24162 "Explain the effect and impact of loads, forces and physical effects on structural components and materials".

Check the training calendar for upcoming course dates and locations. Greg Burn is the trainer for NZS 3604.

NZS 3604 Trainer:
Greg Burn, NZCD (Arch)
Diploma in Business Marketing



Greg has worked in a number of roles within the residential building industry for more than thirty years and for the last nine years has managed his own consultancy business which sees him involved in a number of activities within the industry, ranging from residential design to technical consulting and industry education.

His extensive knowledge and experience in the process of building design and construction coupled with his understanding of weather tightness issues and technology, led to him becoming a member of the working group that developed the revised compliance document for the external moisture clause

of the New Zealand Building Code -E2/AS1. His understanding of not only the design and construction process but also of New Zealand Standards for residential construction and Building Code compliance has seen him involved in the presentation of a number of national seminars for BRANZ (often in conjunction with the Department of Building and Housing).

Greg presented a nationwide seminar on NZS 3604:2011, the structural Standard for light timber frame construction, shortly after it was first introduced and has also run a number of industry based training courses and written many seminars, technical articles and books on a wide range of industry topics.

He has also worked with a number of manufacturers in helping to develop new products and systems for residential construction and been involved in the design of a number of large scale residential developments.

NEXT COURSES:

10 – 13 June, Wellington

8 – 11 July, Auckland

preview of what is coming to the New Zealand home scene, visit the website at www.smartersmallhome.co.nz

2013 TRAINING CALENDAR

JUNE		
5	Communication & Ethics	Auckland
10, 11, 12, 13	NZS 3604	Wellington
12	Timber Truss & Wall Frame Skeleton - Load paths and fixings	Hamilton
18	NZ Metal Roof and Wall Cladding	Dunedin
19	NZ Metal Roof and Wall Cladding	Christchurch
19, 20	Fire Documents	Christchurch
19, 20	E2 Weathertightness	Wellington
JULY		
2,3	Plan Processing	Christchurch
8, 9, 10, 11	NZS 3604	Auckland
22, 23, 24	Building Controls	Wellington
17	Timber Truss & Wall Frame 'Skeleton' - Load paths and fixings seminar	New Plymouth
25, 26	Site Inspection	Auckland
AUGUST		
6, 7	E2 Weathertightness	Christchurch
12,13,14,15	NZS 3604	Christchurch
13, 14	Complex Fire Designs	Auckland
20, 21	Fire Documents	Auckland
21	Timber Truss & Wall Frame 'Skeleton' - Load paths and fixings seminar	Tauranga
22 - 23	Senior Building Control Officers' Forum	Wellington
SEPTEMBER		
3,4,5	Building Controls	Christchurch
10	Communication and Ethics	Christchurch
16, 17, 18, 19	NZS 3604	Wellington
18	Timber Truss & Wall Frame 'Skeleton' - Load paths and fixings seminar	Auckland
OCTOBER		
2,3	E2 Weathertightness	Auckland
7,8	Fire Documents	Wellington
9,10	Plan Processing	Wellington
14,15,16,17	NZS 3604	Auckland
21, 22	Site Inspection	Christchurch
23	Timber Truss & Wall Frame 'Skeleton' - Load paths and fixings seminar	Whangarei
NOVEMBER		
5,6,7	Building Controls	Auckland
8,9	Complex Fire Designs	Christchurch
18,19,20,21	NZS 3604	Christchurch
TBC	NZ Metal Roofing	Dunedin
DECEMBER		
4, 5	Plan Processing	Auckland
9, 10	New Fire Documents	Christchurch
11, 12	E2 Weathertightness	Wellington

For more information, course details and to register please visit our training calendar <http://www.boinz.org.nz/training-academy/calendar.php> or email training@boinz.org.nz

NEW - FIRE DOCUMENTS:

CODE CLAUSE C PROTECTION FROM FIRE (SMALL BUILDINGS) C/AS1 – C/AS7 COURSE

The Institute is pleased to bring to our members and clients our new two day

FIRE DOCUMENTS: CODE CLAUSE C PROTECTION FROM FIRE (SMALL BUILDINGS) C/AS1 – C/AS7 Course.

This high quality, Diploma recognised course will bring those with a desire and need for exposure in this area up to speed rapidly.

The Institute's drive to bring consistency to our members is mirrored by Alan Moule, through his time spent assisting with the development of the materials for the CODE CLAUSE C PROTECTION FROM FIRE UPDATE TRAINING and the Institute's FIRE DOCUMENTS: CODE CLAUSE C PROTECTION FROM FIRE (SMALL BUILDINGS) C/AS1 – C/AS7 Course. These courses have been designed to develop a consistent knowledge base in regards to the Fire Documents, with training coming from the most knowledgeable in the industry.

This is further highlighted by his commitment to contract to IPENZ to deliver this consistency.

Alan's qualifications, as a chartered Professional Fire Engineer ensures any questions directed to him during any training session are answered competently, clearly and in a manner which ensures a strong understanding of the subject material.

"NEXT COURSE: CHRISTCHURCH 19 – 20 JUNE 2013".



NEW FIRE REQUIREMENTS NEED THE BEST PROTECTION

The New GIB® Fire Systems 2012 technical literature includes changes to the NZBC related to fire (which comes into effect from April 2013), new penetration and surface property details, plus new systems.

If you haven't already received a copy, you can order one for free:

- visit gib.co.nz/request-gib-fire-rated-systems/
- call 0800 100 442 or
- scan the QR code.



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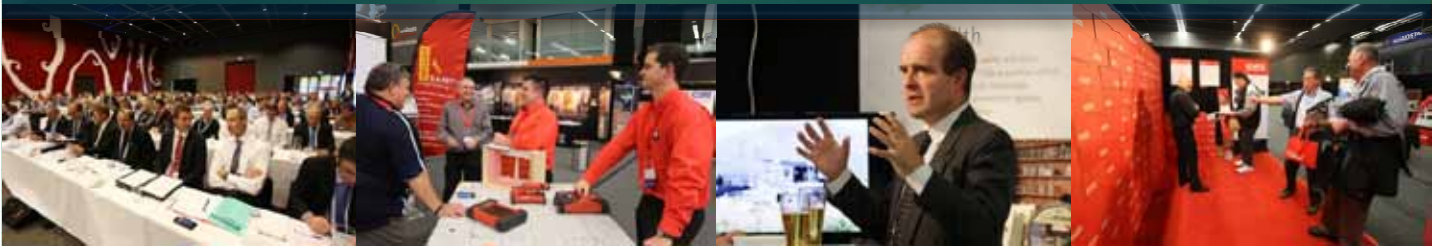


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BUILDING OFFICIALS INSTITUTE
OF NEW ZEALAND

CONFERENCE AND EXPO 2014

6 – 9 APRIL 2014
WELLINGTON, AMORA HOTEL



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Building Officials Institute of NZ

